

**18.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:38200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.973	9.989	10	Pass

Agilent
Measure

Ch Freq 2.615 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.615 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**8.9733 MHz**

Transmit Freq Error -8.186 kHz

x dB Bandwidth 9.989 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**18.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:37825, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.502	15.479	15	Pass

Agilent

**Measure**

Ch Freq 2.5775 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.577 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
13.5015 MHz	x dB	-26.00 dB
Transmit Freq Error		12.958 kHz
x dB Bandwidth		15.479 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**18.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:37825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.483	15.908	15	Pass

Agilent

**Measure**

Ch Freq 2.5775 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.577 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4834 MHz	x dB	-26.00 dB
Transmit Freq Error	-17.974 kHz	
x dB Bandwidth	15.908 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**18.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:38000, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.44	15.206	15	Pass

Agilent

**Measure**

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.595 00 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4400 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-2.279 kHz	
<b>x dB Bandwidth</b>	15.206 MHz	

Power Stat
CCDF

More
1 of 2

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**18.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:38000, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.526	16.016	15	Pass

Agilent

**Measure**

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.595 00 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
13.5255 MHz	x dB	-26.00 dB
Transmit Freq Error		6.863 kHz
x dB Bandwidth		16.016 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**18.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:38175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.471	16.449	15	Pass

Agilent

**Measure**

Ch Freq 2.6125 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.6

dB

Center 2.612 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
13.4715 MHz	x dB	-26.00 dB
Transmit Freq Error		-5.335 kHz
x dB Bandwidth		16.449 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**18.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:38175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.504	15.052	15	Pass

Agilent

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

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.612 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 10 s (500 pts)

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

**13.5043 MHz** x dB -26.00 dB

Transmit Freq Error -8.666 kHz

x dB Bandwidth 15.052 MHz

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**18.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.96	19.373	20	Pass

Agilent

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

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.580 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

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

17.9598 MHz

x dB -26.00 dB

Transmit Freq Error -2.597 kHz

x dB Bandwidth 19.373 MHz

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**18.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.959	22.123	20	Pass

Agilent

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

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.580 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.9594 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-13.319 kHz	
<b>x dB Bandwidth</b>	22.123 MHz	

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**18.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	17.962	21.336	20	Pass

Agilent

Measure

Ch Freq 2.595 GHz

Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm

#Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.595 00 GHz

Span 40 MHz

#Res BW 390 kHz

#VBW 1.2 MHz

#Sweep 10 s (512 pts)

Occupied Bandwidth

Occ BW % Pwr 99.00 %

17.9621 MHz

x dB -26.00 dB

Transmit Freq Error 24.874 kHz

x dB Bandwidth 21.336 MHz

More

1 of 2

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**18.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	18.023	25.935	20	Pass

Agilent

**Measure**

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.595 00 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 10 s (512 pts)

**Occupied Bandwidth**  
18.0235 MHz

**Occ BW % Pwr** 99.00 %  
**x dB** -26.00 dB

**Transmit Freq Error** -5.218 kHz  
**x dB Bandwidth** 25.935 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**18.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.39	Peak	17.975	20.917	20	Pass

Agilent

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

Ch Freq 2.61 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.610 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

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

**17.9755 MHz** x dB -26.00 dB

Transmit Freq Error -19.787 kHz

x dB Bandwidth 20.917 MHz

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**18.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.39	Peak	17.941	20.397	20	Pass

Agilent

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

Ch Freq 2.61 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.610 00 GHz Span 40 MHz

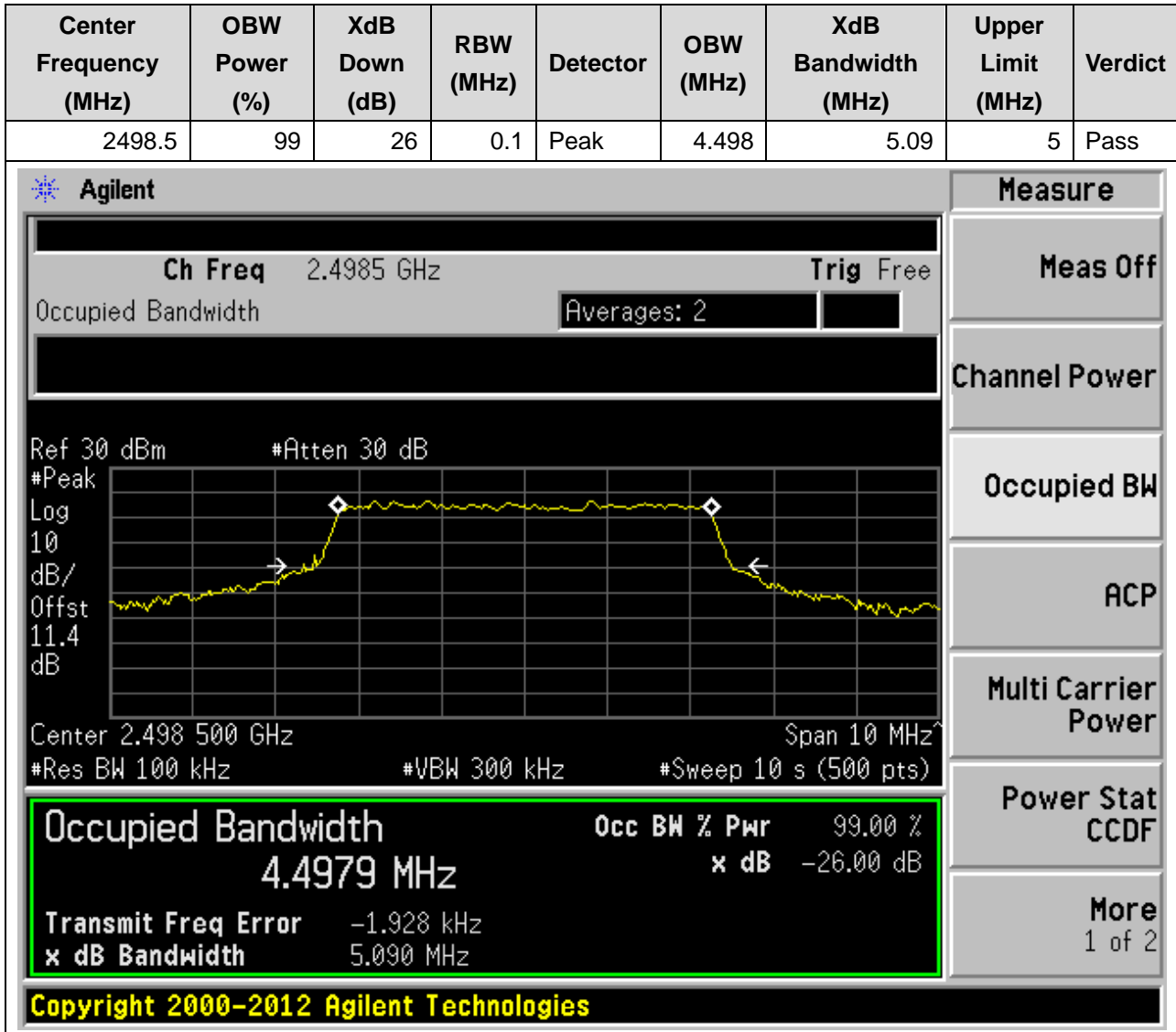
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
17.9413 MHz	x dB	-26.00 dB
Transmit Freq Error	6.782 kHz	
x dB Bandwidth	20.397 MHz	

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## 19. LTE\_Band41 full

19.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



**19.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2498.5	99	26	0.1	Peak	4.5	5.002	5	Pass

Agilent

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

Ch Freq 2.4985 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.498 500 GHz Span 10 MHz

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

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

4.4997 MHz

x dB -26.00 dB

Transmit Freq Error -3.296 kHz

x dB Bandwidth 5.002 MHz

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**19.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.515	5.278	5	Pass

**Agilent**
**Measure**

**Ch Freq** 2.593 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.593 000 GHz
Span 10 MHz

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

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

4.5149 MHz
x dB -26.00 dB

**Transmit Freq Error**
-2.995 kHz

**x dB Bandwidth**
5.278 MHz

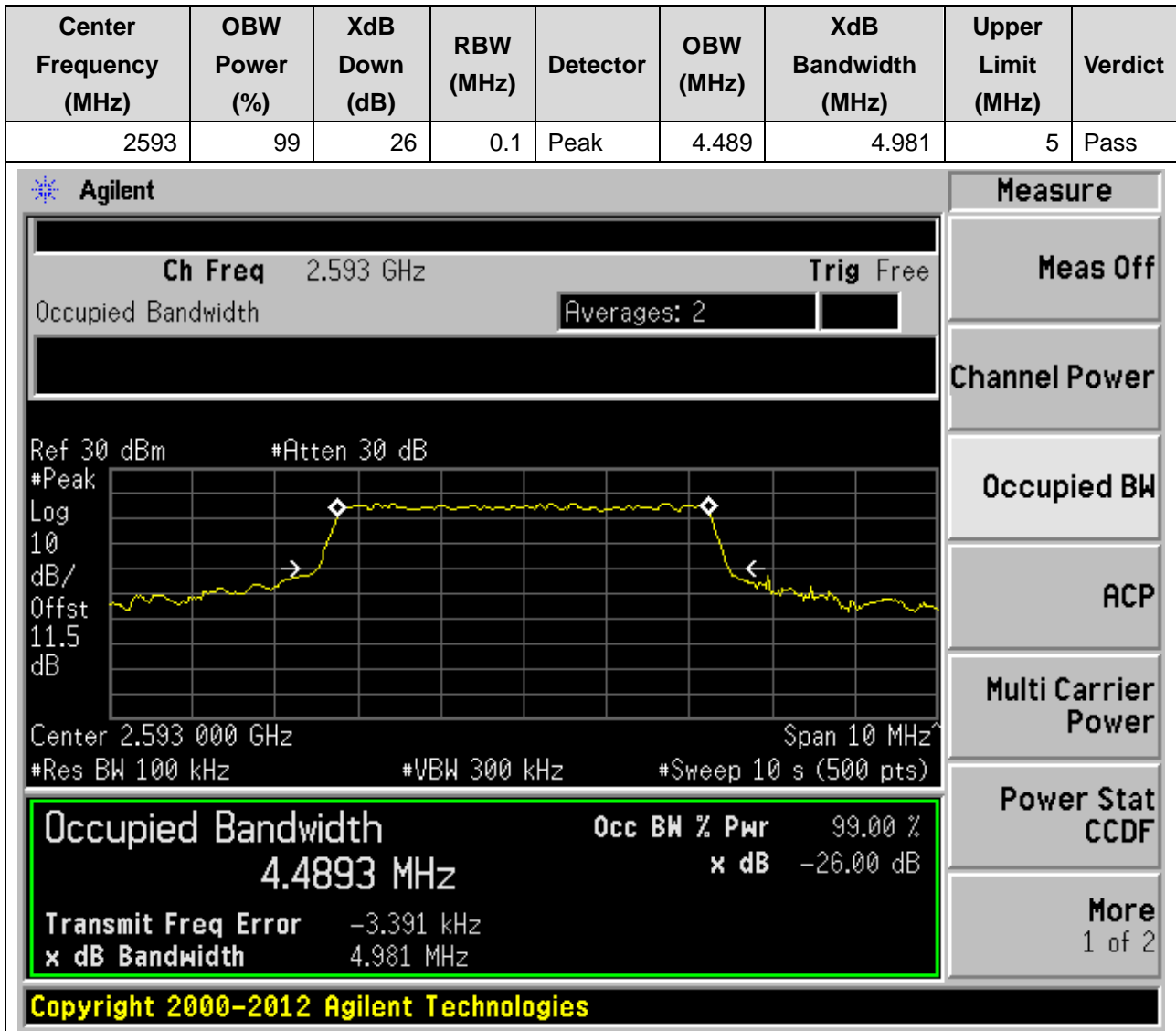
**Power Stat**
CCDF

**More**
1 of 2

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**19.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:40620, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



**19.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.501	5.335	5	Pass

Agilent

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

Ch Freq 2.6875 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.687 500 GHz Span 10 MHz

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

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

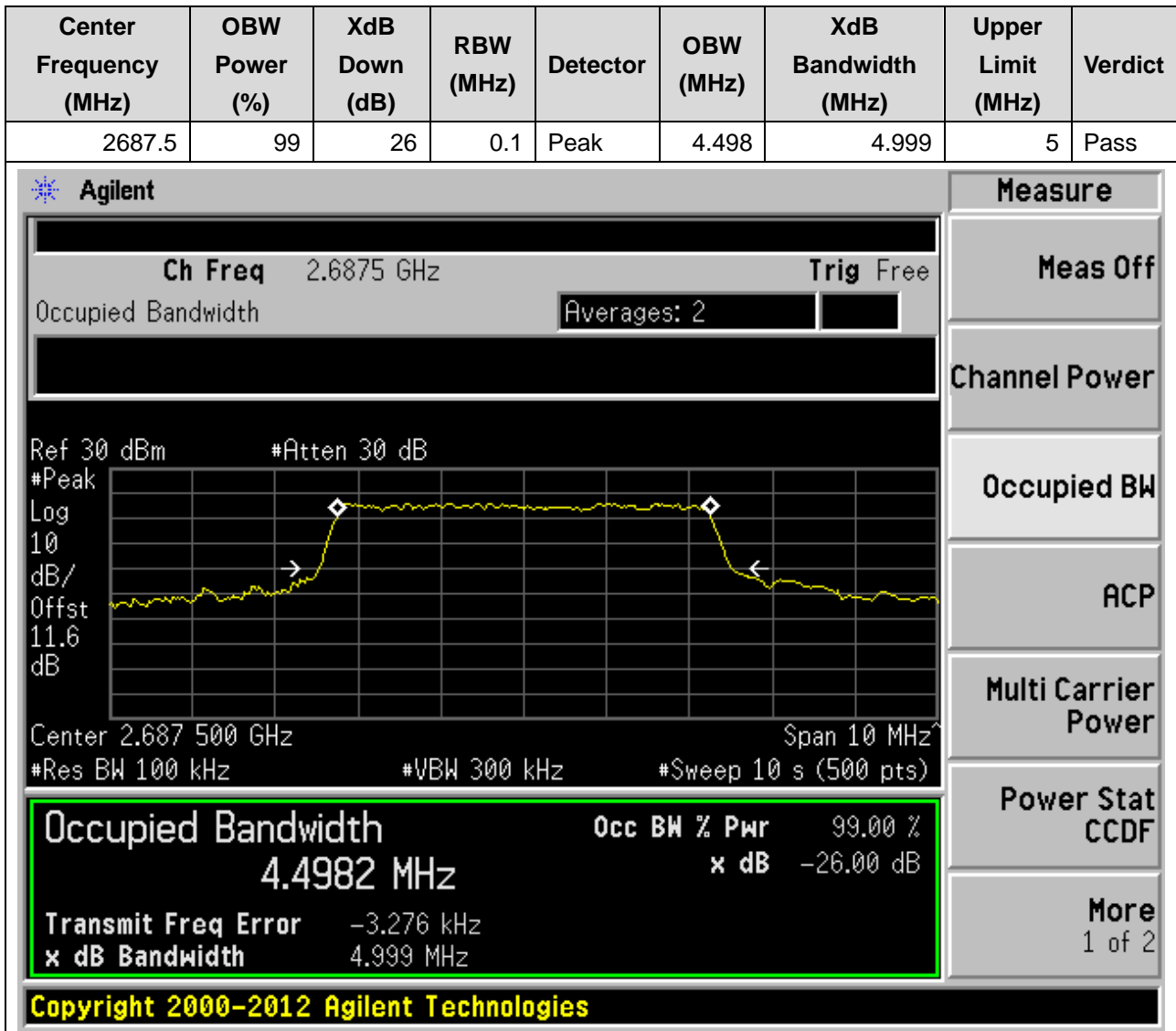
4.5010 MHz x dB -26.00 dB

Transmit Freq Error -3.627 kHz

x dB Bandwidth 5.335 MHz

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**19.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



**19.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.988	10.392	10	Pass

Agilent
Measure

Ch Freq 2.501 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.501 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**8.9877 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 22.185 kHz

x dB Bandwidth 10.392 MHz

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**19.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:39700, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.982	9.841	10	Pass

Agilent
Measure

Ch Freq 2.501 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.4

dB

Center 2.501 00 GHz
Span 20 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9819 MHz
x dB -26.00 dB

Transmit Freq Error 7.122 kHz

x dB Bandwidth 9.841 MHz

Power Stat
More

CCDF
1 of 2

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**19.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.982	10.633	10	Pass

Agilent

**Measure**

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.593 00 GHz
Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9816 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-11.025 kHz
<b>x dB Bandwidth</b>		10.633 MHz

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**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**19.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:40620, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.948	9.76	10	Pass

Agilent
Measure

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.593 00 GHz
Span 20 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9480 MHz
x dB -26.00 dB

Transmit Freq Error -4.654 kHz

x dB Bandwidth 9.760 MHz

Power Stat CCDF

More
1 of 2

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**19.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	9.004	10.092	10	Pass

Agilent

Measure

Ch Freq 2.685 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 11.6  
 dB

Center 2.685 00 GHz
Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.0044 MHz	x dB	-26.00 dB
Transmit Freq Error	-6.670 kHz	
x dB Bandwidth	10.092 MHz	

More  
 1 of 2

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**19.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:41540, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	8.975	9.865	10	Pass

Agilent
Measure

Ch Freq 2.685 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.685 00 GHz Span 20 MHz

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

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

**8.9747 MHz** x dB -26.00 dB

Transmit Freq Error -11.830 kHz

x dB Bandwidth 9.865 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**19.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.502	15.59	15	Pass

Agilent

**Measure**

Ch Freq 2.5035 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.4

dB

Center 2.503 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

**Occupied Bandwidth**  
13.5023 MHz

**Occ BW % Pwr**  
99.00 %  
**x dB**  
-26.00 dB

**Transmit Freq Error** 27.172 kHz  
**x dB Bandwidth** 15.590 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**19.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:39725, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.495	15.037	15	Pass

Agilent

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

Ch Freq 2.5035 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.503 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
13.4954 MHz	x dB	-26.00 dB
Transmit Freq Error	5.898 kHz	
x dB Bandwidth	15.037 MHz	

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**19.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:40620, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.463	15.299	15	Pass

Agilent

**Measure**

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.593 00 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4631 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-169.612 Hz	
<b>x dB Bandwidth</b>	15.299 MHz	

Power Stat
CCDF

More
1 of 2

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**19.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:40620, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.519	15.332	15	Pass

Agilent

**Measure**

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.593 00 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
13.5189 MHz	x dB	-26.00 dB
Transmit Freq Error		3.885 kHz
x dB Bandwidth		15.332 MHz

Power Stat
CCDF

More
1 of 2

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**19.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:41515, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.462	16.194	15	Pass

Agilent

**Measure**

Ch Freq 2.6825 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.6

dB

Center 2.682 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4615 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-5.867 kHz	
<b>x dB Bandwidth</b>	16.194 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat

CCDF

More

1 of 2

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**19.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:41515, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.505	15.243	15	Pass

Agilent

**Measure**

Ch Freq 2.6825 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.6

dB

Center 2.682 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.5050 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-12.930 kHz	
<b>x dB Bandwidth</b>	15.243 MHz	

Power Stat
CCDF

More
1 of 2

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**19.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.96	19.333	20	Pass

Agilent

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

Ch Freq 2.506 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.506 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

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

**17.9596 MHz** x dB -26.00 dB

Transmit Freq Error 2.173 kHz

x dB Bandwidth 19.333 MHz

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**19.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.931	20.079	20	Pass

Agilent

Measure

Ch Freq 2.506 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 11.4  
 dB

Center 2.506 00 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 10 s (512 pts)

Occupied Bandwidth	17.9307 MHz	Occ BW % Pwr	99.00 %
		x dB	-26.00 dB
Transmit Freq Error	-9.514 kHz		
x dB Bandwidth	20.079 MHz		

Power Stat  
CCDF

More  
1 of 2

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**19.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.934	20.457	20	Pass

Agilent

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

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
17.9339 MHz	x dB	-26.00 dB
Transmit Freq Error	18.035 kHz	
x dB Bandwidth	20.457 MHz	

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**19.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.965	21.739	20	Pass

Agilent

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

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.593 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

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

17.9645 MHz

x dB -26.00 dB

Transmit Freq Error -3.939 kHz

x dB Bandwidth 21.739 MHz

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**19.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.974	20.209	20	Pass

Agilent

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

Ch Freq 2.68 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.680 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

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

**17.9736 MHz** x dB -26.00 dB

Transmit Freq Error -29.188 kHz

x dB Bandwidth 20.209 MHz

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**19.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.918	20.06	20	Pass

Agilent

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

Ch Freq 2.68 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.680 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

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

17.9183 MHz

x dB -26.00 dB

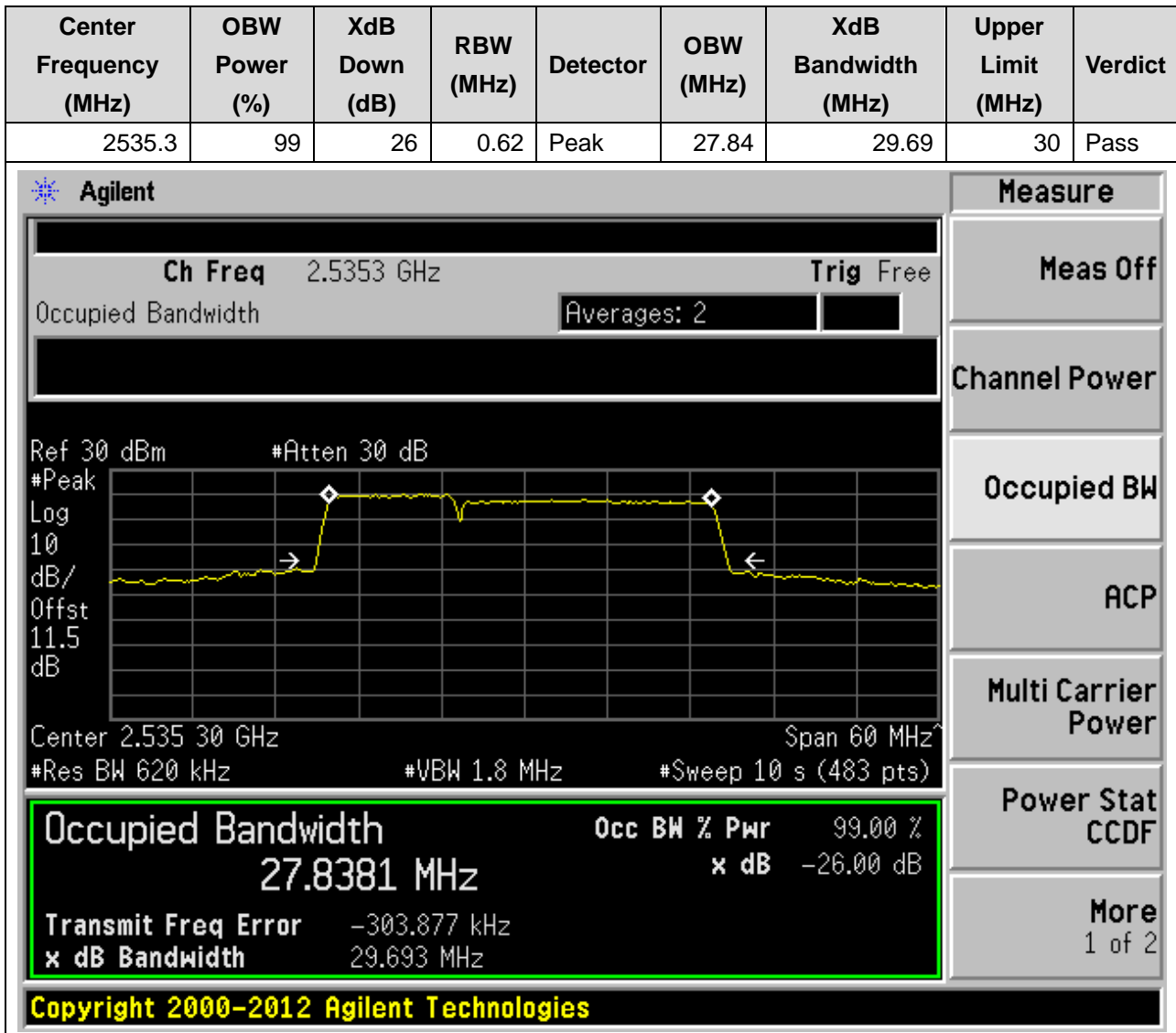
Transmit Freq Error 3.860 kHz

x dB Bandwidth 20.060 MHz

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## 20. CA\_7C

20.1. LTE-A Occupied Bandwidth(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**20.2. LTE-A Occupied Bandwidth(NTNV)(Subtest:2, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.78	29.55	30	Pass

Agilent

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

Ch Freq 2.5353 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Peak Log 10 dB/Offst 11.5 dB

Center 2.535 30 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
27.7843 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-329.943 kHz	
<b>x dB Bandwidth</b>	29.545 MHz	

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**20.3. LTE-A Occupied Bandwidth(NTNV)(Subtest:3, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.84	29.7	30	Pass

Agilent

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

Ch Freq 2.5348 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.53480 GHz Span 60 MHz  
#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
27.8393 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 336.697 kHz	
<b>x dB Bandwidth</b> 29.699 MHz	

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**20.4. LTE-A Occupied Bandwidth(NTNV)(Subtest:4, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.82	29.54	30	Pass

Agilent

Measure

Ch Freq 2.5348 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.534 80 GHz
Span 60 MHz

#Res BW 620 kHz
#VBW 1.8 MHz
#Sweep 10 s (483 pts)

**Occupied Bandwidth**

**27.8237 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 337.237 kHz

x dB Bandwidth 29.541 MHz

Power Stat CCDF

More 1 of 2

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**20.5. LTE-A Occupied Bandwidth(NTNV)(Subtest:5, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.41	30.41	30	Pass

Agilent

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

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.535 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

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

**28.4099 MHz** x dB -26.00 dB

Transmit Freq Error -1.095 kHz

x dB Bandwidth 30.408 MHz

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**20.6. LTE-A Occupied Bandwidth(NTNV)(Subtest:6, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.49	30.36	30	Pass

Agilent

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

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.535 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

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

**28.4866 MHz** x dB -26.00 dB

Transmit Freq Error 20.734 kHz

x dB Bandwidth 30.360 MHz

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**20.7. LTE-A Occupied Bandwidth(NTNV)(Subtest:7, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.74	34.91	35	Pass

Agilent

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

Ch Freq 2.5351 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.535 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
32.7445 MHz	x dB -26.00 dB
Transmit Freq Error -161.988 kHz	
x dB Bandwidth 34.909 MHz	

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**20.8. LTE-A Occupied Bandwidth(NTNV)(Subtest:8, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.69	34.87	35	Pass

Agilent
Measure

Ch Freq 2.5351 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.535 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
32.6869 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -157.315 kHz	
<b>x dB Bandwidth</b> 34.871 MHz	

Power Stat CCDF

More 1 of 2

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**20.9. LTE-A Occupied Bandwidth(NTNV)(Subtest:9, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.71	34.83	35	Pass

Agilent
Measure

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.534 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**32.7111 MHz**

Transmit Freq Error 172.671 kHz

x dB Bandwidth 34.834 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**20.10. LTE-A Occupied Bandwidth(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.72	34.77	35	Pass

Agilent

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

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.534 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
32.7240 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	191.543 kHz	
<b>x dB Bandwidth</b>	34.766 MHz	

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**20.11. LTE-A Occupied Bandwidth(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.67	40.01	40	Pass

Agilent

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

Ch Freq 2.535 GHz      Trig Free

Occupied Bandwidth      Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.535 00 GHz      Span 80 MHz

#Res BW 320 kHz      #VBW 2.4 MHz      #Sweep 10 s (487 pts)

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

**37.6727 MHz**      x dB      -26.00 dB

Transmit Freq Error      45.996 kHz

x dB Bandwidth      40.006 MHz

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**20.12. LTE-A Occupied Bandwidth(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.6	40.12	40	Pass

Agilent

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

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.535 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

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

**37.5954 MHz** x dB -26.00 dB

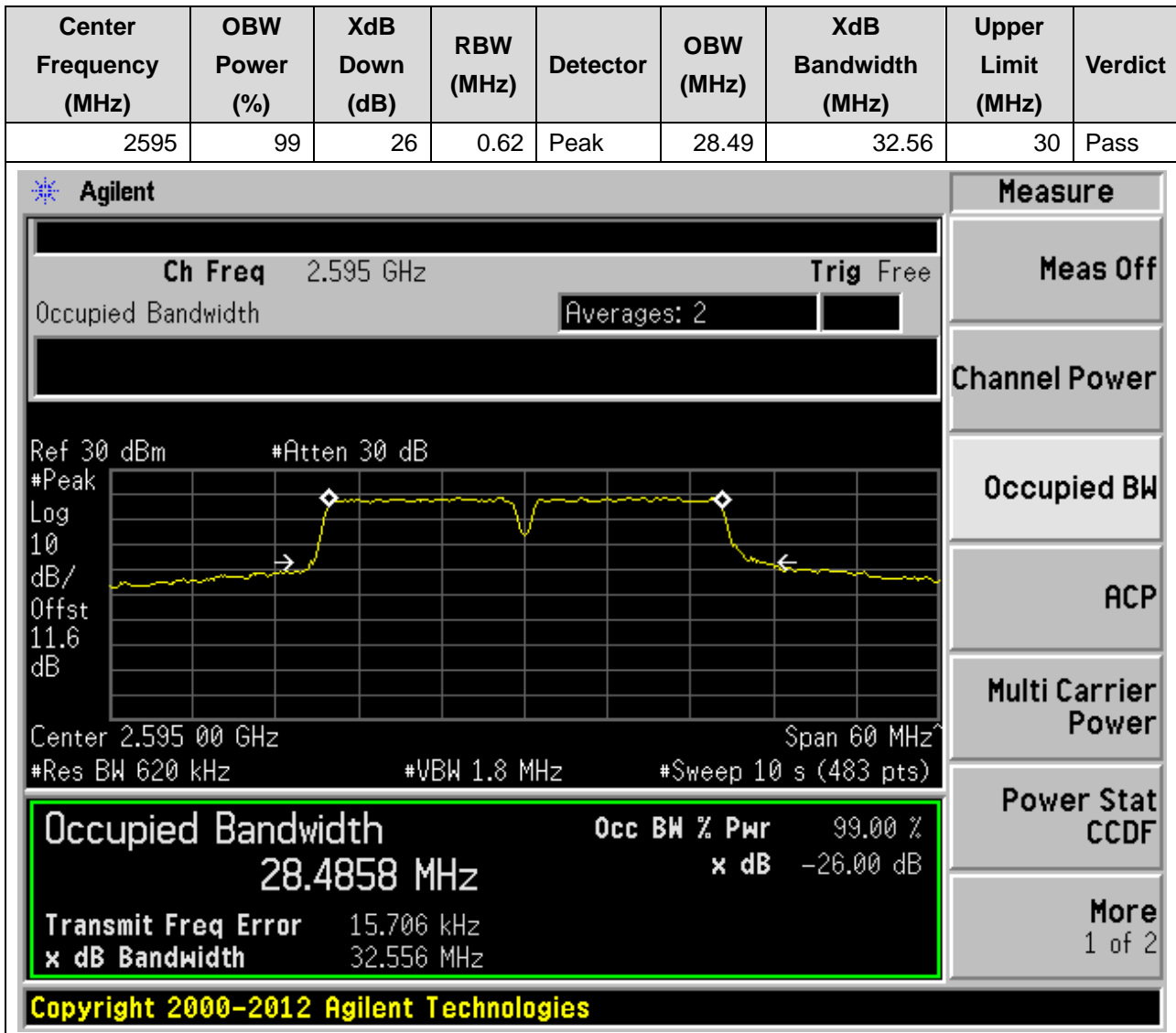
Transmit Freq Error 9.198 kHz

x dB Bandwidth 40.119 MHz

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## 21. CA\_38C

21.1. LTE-A Occupied Bandwidth(NTNV)(Subtest:1, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**21.2. LTE-A Occupied Bandwidth(NTNV)(Subtest:2, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	28.54	32.07	30	Pass

Agilent

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

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.595 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

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

**28.5378 MHz** x dB -26.00 dB

Transmit Freq Error 10.974 kHz

x dB Bandwidth 32.069 MHz

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**21.3. LTE-A Occupied Bandwidth(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.74	43.34	40	Pass

Agilent

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

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.595 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.7430 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 40.286 kHz	
<b>x dB Bandwidth</b> 43.344 MHz	

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**21.4. LTE-A Occupied Bandwidth(NTNV)(Subtest:4, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.69	40.83	40	Pass

Agilent

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

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.595 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

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

**37.6912 MHz** x dB -26.00 dB

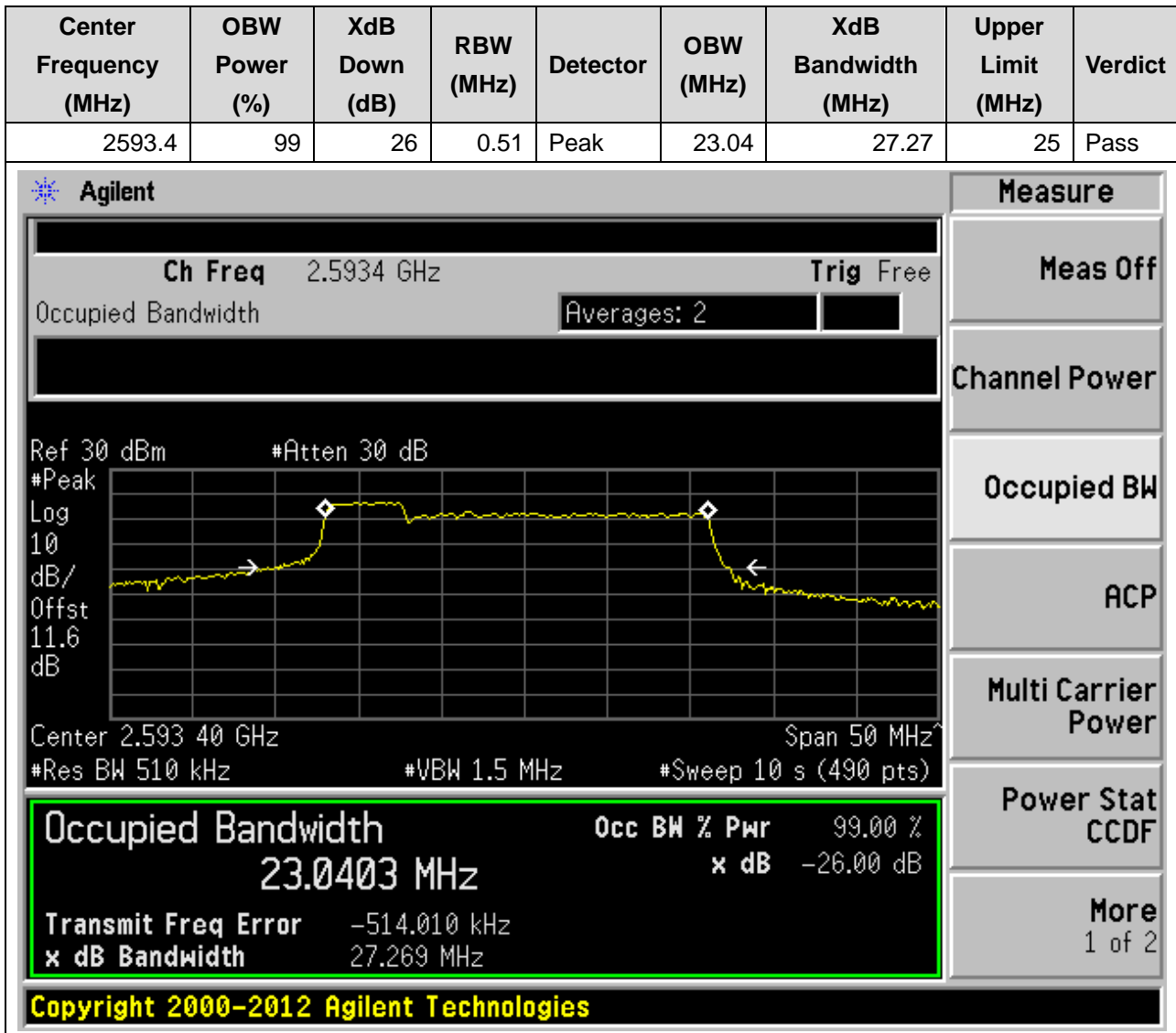
Transmit Freq Error 28.254 kHz

x dB Bandwidth 40.828 MHz

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## 22. CA\_41C\_full

22.1. LTE-A Occupied Bandwidth(NTNV)(Subtest:1, Channel:40528|40645, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**22.2. LTE-A Occupied Bandwidth(NTNV)(Subtest:2, Channel:40528|40645, Bandwidth:5|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.4	99	26	0.51	Peak	22.93	24.69	25	Pass

Agilent

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

Ch Freq 2.5934 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.593 40 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
22.9258 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-480.000 kHz	
<b>x dB Bandwidth</b>	24.687 MHz	

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**22.3. LTE-A Occupied Bandwidth(NTNV)(Subtest:3, Channel:40595|40712, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.6	99	26	0.51	Peak	23	25.41	25	Pass

Agilent

Measure

Ch Freq 2.5926 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB  
#Peak Log 10 dB/ Offst 11.6 dB  
Center 2.592 60 GHz Span 50 MHz  
#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.0000 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 492.393 kHz	
<b>x dB Bandwidth</b> 25.412 MHz	

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**22.4. LTE-A Occupied Bandwidth(NTNV)(Subtest:4, Channel:40595|40712, Bandwidth:20|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.6	99	26	0.51	Peak	22.94	24.72	25	Pass

Agilent

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

Ch Freq 2.5926 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.592 60 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

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

**22.9386 MHz** x dB -26.00 dB

Transmit Freq Error 505.420 kHz

x dB Bandwidth 24.718 MHz

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**22.5. LTE-A Occupied Bandwidth(NTNV)(Subtest:5, Channel:40526|40670, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.3	99	26	0.62	Peak	27.84	31.28	30	Pass

Agilent

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

Ch Freq 2.5933 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.593 30 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
27.8353 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-315.657 kHz	
<b>x dB Bandwidth</b>	31.276 MHz	

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**22.6. LTE-A Occupied Bandwidth(NTNV)(Subtest:6, Channel:40526|40670, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.3	99	26	0.62	Peak	27.79	29.87	30	Pass

Agilent

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

**Ch Freq** 2.5933 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.6

dB

Center 2.593 30 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

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

**27.7934 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -318.723 kHz

**x dB Bandwidth** 29.875 MHz

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**22.7. LTE-A Occupied Bandwidth(NTNV)(Subtest:7, Channel:40571|40715, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.86	29.78	30	Pass

Agilent
Measure

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.592 80 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**27.8593 MHz**

Transmit Freq Error 342.312 kHz

x dB Bandwidth 29.780 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**22.8. LTE-A Occupied Bandwidth(NTNV)(Subtest:8, Channel:40571|40715, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.83	30.74	30	Pass

Agilent
Measure

**Ch Freq** 2.5928 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.592 80 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**27.8298 MHz**

Transmit Freq Error 352.535 kHz

x dB Bandwidth 30.742 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

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**22.9. LTE-A Occupied Bandwidth(NTNV)(Subtest:9, Channel:40545|40695, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.62	Peak	28.45	32.08	30	Pass

Agilent

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

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.593 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.4467 MHz	x dB -26.00 dB
Transmit Freq Error 19.148 kHz	
x dB Bandwidth 32.078 MHz	

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**22.10. LTE-A Occupied Bandwidth(NTNV)(Subtest:10, Channel:40545|40695, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.62	Peak	28.47	31.9	30	Pass

Agilent

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

Ch Freq 2.593 GHz      Trig Free

Occupied Bandwidth      Averages: 2

---

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.6

dB

Center 2.593 00 GHz      Span 60 MHz

#Res BW 620 kHz      #VBW 1.8 MHz      #Sweep 10 s (483 pts)

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

**28.4678 MHz**      x dB      -26.00 dB

Transmit Freq Error      3.816 kHz

x dB Bandwidth      31.901 MHz

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**22.11. LTE-A Occupied Bandwidth(NTNV)(Subtest:11, Channel:40523|40694, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.1	99	26	0.68	Peak	32.73	36.29	35	Pass

Agilent

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

Ch Freq 2.5931 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.593 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
32.7325 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-153.541 kHz
<b>x dB Bandwidth</b>	36.287 MHz

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**22.12. LTE-A Occupied Bandwidth(NTNV)(Subtest:12, Channel:40523|40694, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.1	99	26	0.68	Peak	32.67	35.86	35	Pass

Agilent

Measure

Ch Freq 2.5931 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.6

dB

Center 2.593 10 GHz
Span 70 MHz

#Res BW 680 kHz
#VBW 2 MHz
#Sweep 10 s (514 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
32.6696 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-143.852 kHz
<b>x dB Bandwidth</b>	35.856 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

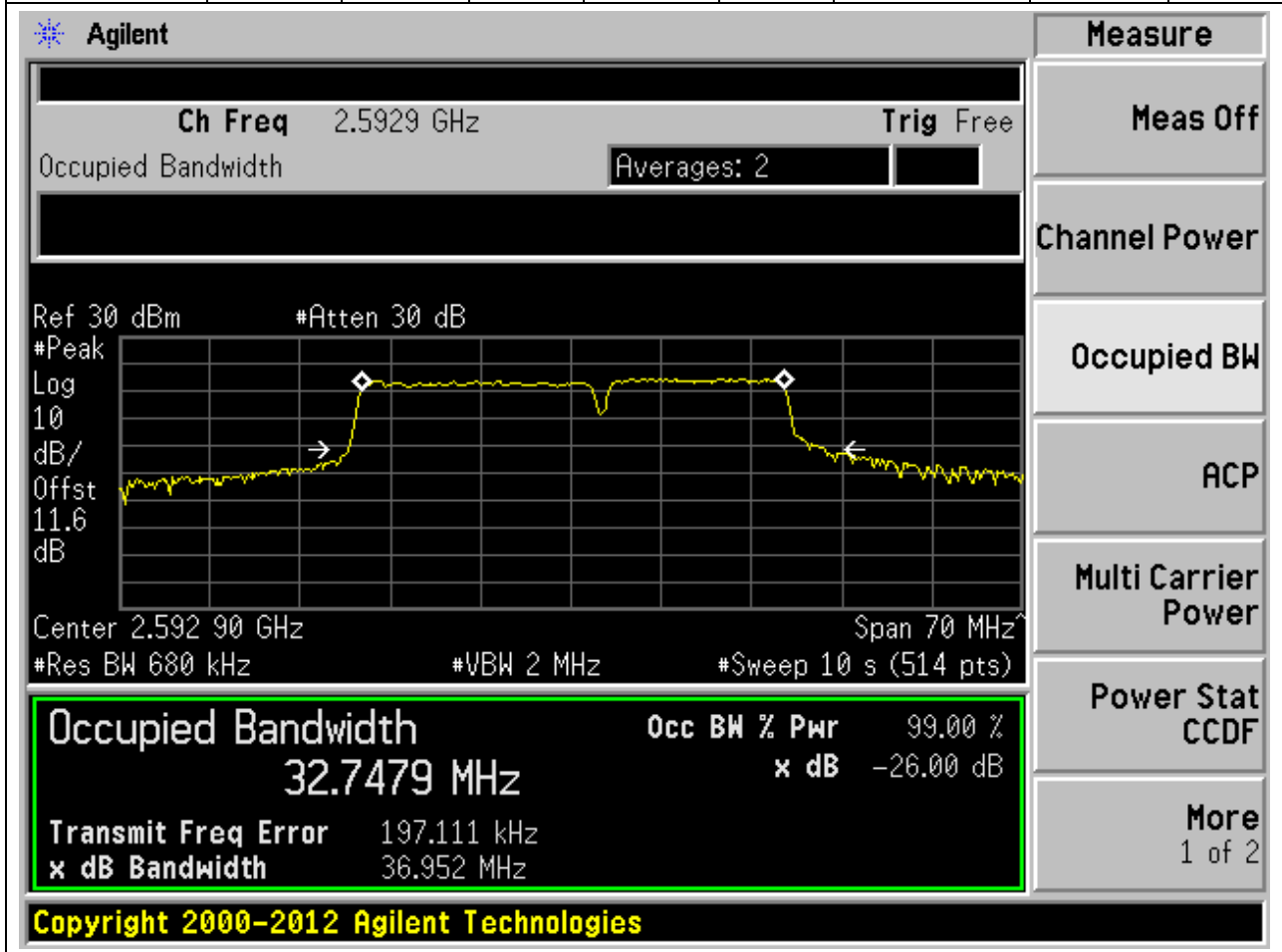
Power Stat CCDF

More  
1 of 2

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**22.13. LTE-A Occupied Bandwidth(NTNV)(Subtest:13, Channel:40546|40717, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.9	99	26	0.68	Peak	32.75	36.95	35	Pass



**22.14. LTE-A Occupied Bandwidth(NTNV)(Subtest:14, Channel:40546|40717, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.9	99	26	0.68	Peak	32.72	36.2	35	Pass

Agilent

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

Ch Freq 2.5929 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.592 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %				
32.7205 MHz	<b>x dB</b>	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 0.9em;">Transmit Freq Error</td> <td style="text-align: right;">204.554 kHz</td> </tr> <tr> <td style="font-size: 0.9em;">x dB Bandwidth</td> <td style="text-align: right;">36.195 MHz</td> </tr> </table>			Transmit Freq Error	204.554 kHz	x dB Bandwidth	36.195 MHz
Transmit Freq Error	204.554 kHz					
x dB Bandwidth	36.195 MHz					

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**22.15. LTE-A Occupied Bandwidth(NTNV)(Subtest:15, Channel:40521|40719, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.74	43.66	40	Pass

Agilent

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

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.593 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
37.7407 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	98.042 kHz	
x dB Bandwidth	43.661 MHz	

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**22.16. LTE-A Occupied Bandwidth(NTNV)(Subtest:16, Channel:40521|40719, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.64	41.54	40	Pass

Agilent

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

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.593 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

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

**37.6427 MHz** x dB -26.00 dB

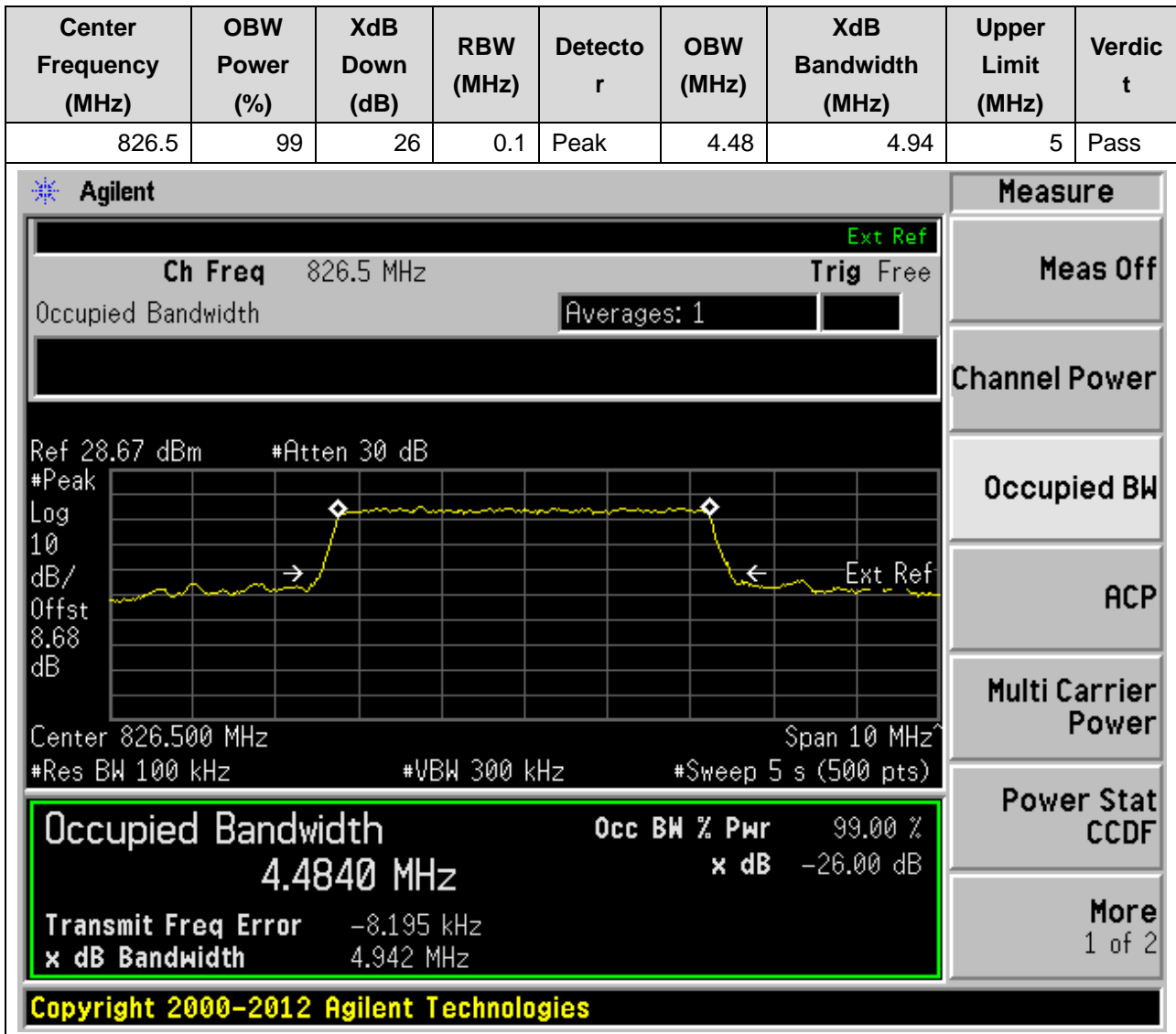
Transmit Freq Error 29.947 kHz

x dB Bandwidth 41.542 MHz

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## 23. n5

### 23.1. Occupied Bandwidth for SA(NTNV)(Channel:165300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**23.2. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.48	4.94	5	Pass

Agilent

Ext Ref

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 28.7 dBm    #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.7

dB

Center 836.500 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz

#Sweep 5 s (500 pts)

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

4.4849 MHz **x dB** -26.00 dB

**Transmit Freq Error** -12.956 kHz

**x dB Bandwidth** 4.938 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**23.3. Occupied Bandwidth for SA(NTNV)(Channel:169300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.49	4.97	5	Pass

Agilent

Measure

Ch Freq 846.5 MHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 28.74 dBm
#Atten 30 dB

#Peak
Trig Free

Log
Ext Ref

10

dB/

Offst

8.74

dB

Center 846.500 MHz
Span 10 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.4874 MHz
x dB -26.00 dB

Transmit Freq Error -14.135 kHz

x dB Bandwidth 4.966 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**23.4. Occupied Bandwidth for SA(NTNV)(Channel:165800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.03	Peak	9.26	9.66	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 829.000 MHz with a span of 20 MHz. The occupied bandwidth is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2609 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.503 kHz	
x dB Bandwidth	9.662 MHz	

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**23.5. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.03	Peak	9.26	9.69	10	Pass

Agilent

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

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.7 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
dB/

10
Offst

8.7
dB

Center 836.500 MHz
Span 20 MHz

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

**Occupied Bandwidth**  
9.2631 MHz

**Occ BW % Pwr**  
99.00 %

**Transmit Freq Error**  
-8.175 kHz

**x dB Bandwidth**  
9.685 MHz

**x dB**  
-26.00 dB

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**23.6. Occupied Bandwidth for SA(NTNV)(Channel:168800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.03	Peak	9.26	9.67	10	Pass

Agilent

Ext Ref

**Ch Freq** 844 MHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 28.73 dBm    #Atten 30 dB

#Peak

Log 10

dB/Offst 8.73 dB

Center 844.000 MHz Span 20 MHz

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

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

9.2600 MHz x dB -26.00 dB

Transmit Freq Error -7.773 kHz

x dB Bandwidth 9.666 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**23.7. Occupied Bandwidth for SA(NTNV)(Channel:166300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.03	Peak	14.07	14.54	15	Pass

Agilent
Measure

Ch Freq 831.5 MHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 28.69 dBm    #Atten 30 dB

#Peak

Log 10

dB/ Offst 8.69 dB

Ext Ref

Center 831.500 MHz    Span 30 MHz

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

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

14.0707 MHz

x dB    -26.00 dB

Transmit Freq Error    -4.476 kHz

x dB Bandwidth    14.538 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**23.8. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.03	Peak	14.09	14.56	15	Pass

Agilent

Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.7 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 8.7  
 dB

Center 836.500 MHz
Span 30 MHz

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

Occupied Bandwidth

14.0851 MHz

Transmit Freq Error -7.940 kHz

x dB Bandwidth 14.559 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**23.9. Occupied Bandwidth for SA(NTNV)(Channel:168300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.03	Peak	14.08	14.59	15	Pass

Agilent

Ext Ref

**Ch Freq** 841.5 MHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm    #Atten 30 dB

#Peak

Log 10

dB/Offst 8.72 dB

Center 841.500 MHz Span 30 MHz

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

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

14.0825 MHz **x dB** -26.00 dB

**Transmit Freq Error** -14.987 kHz

**x dB Bandwidth** 14.592 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**23.10. Occupied Bandwidth for SA(NTNV)(Channel:166800, Bandwidth:20, SCS:15, 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
834	99	26	0.03	Peak	18.87	19.5	20	Pass

Agilent

Ext Ref

**Ch Freq** 834 MHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 28.69 dBm    #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.69

dB

Center 834.000 MHz Span 40 MHz

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

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

18.8724 MHz x dB -26.00 dB

Transmit Freq Error 842.013 Hz

x dB Bandwidth 19.505 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**23.11. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:20, SCS:15, 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
836.5	99	26	0.03	Peak	18.88	19.48	20	Pass

Agilent

Ext Ref

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 28.7 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10  
 dB/Offst 8.7 dB

Center 836.500 MHz
Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.8789 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.739 kHz	
x dB Bandwidth	19.485 MHz	

Power Stat
CCDF
More
1 of 2

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**23.12. Occupied Bandwidth for SA(NTNV)(Channel:167800, Bandwidth:20, SCS:15, 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
839	99	26	0.03	Peak	18.87	19.45	20	Pass

Agilent

Ext Ref

**Ch Freq** 839 MHz **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 28.71 dBm    #Atten 30 dB

#Peak

Log 10

dB/Offst 8.71 dB

Ext Ref

Center 839.000 MHz Span 40 MHz

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

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

18.8739 MHz x dB -26.00 dB

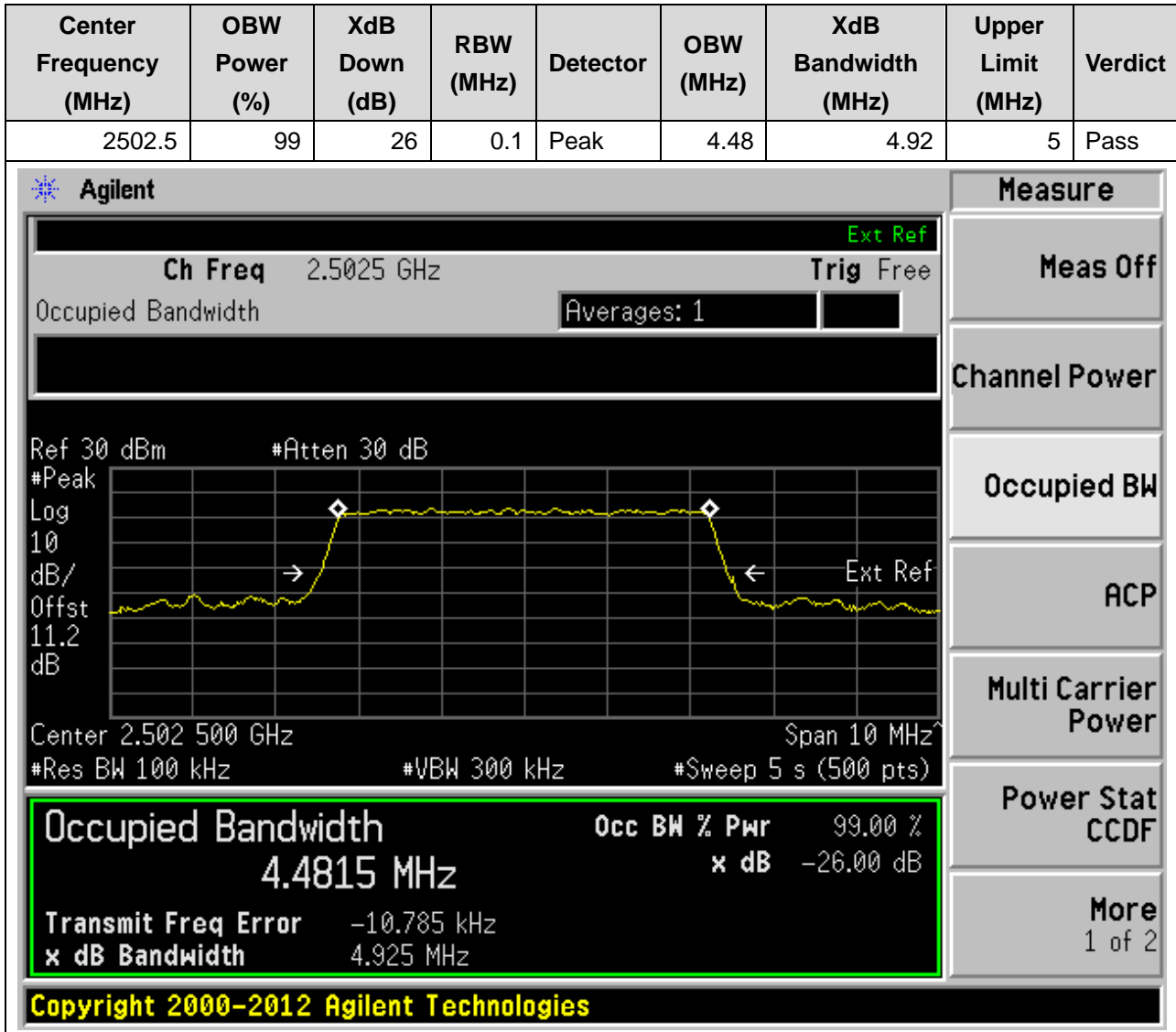
Transmit Freq Error -15.182 kHz

x dB Bandwidth 19.448 MHz

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## 24. n7

### 24.1. Occupied Bandwidth for SA(NTNV)(Channel:500500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**24.2. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.48	4.95	5	Pass

Agilent
Measure

Ch Freq 2.535 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.535 000 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4800 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-12.942 kHz	
<b>x dB Bandwidth</b>	4.954 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**24.3. Occupied Bandwidth for SA(NTNV)(Channel:513500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.48	4.91	5	Pass

Agilent

Ext Ref

**Ch Freq** 2.5675 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 11.2 dB

Center 2.567 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz

#Sweep 5 s (500 pts)

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
4.4833 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -14.328 kHz	
<b>x dB Bandwidth</b> 4.910 MHz	

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**24.4. Occupied Bandwidth for SA(NTNV)(Channel:501000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2505	99	26	0.03	Peak	9.26	9.65	10	Pass

Agilent

Ext Ref

**Ch Freq** 2.505 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10  
 dB/Offst 11.2 dB

Center 2.505 000 GHz
Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
9.2639 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.447 kHz	
x dB Bandwidth	9.652 MHz	

More
1 of 2

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**24.5. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.03	Peak	9.26	9.71	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 2.535 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2605 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -4.913 kHz, and the XdB bandwidth is 9.713 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 %
9.2605 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.913 kHz	
x dB Bandwidth	9.713 MHz	

**24.6. Occupied Bandwidth for SA(NTNV)(Channel:513000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.03	Peak	9.26	9.66	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.565 GHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2575 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -11.306 kHz and the XdB bandwidth is 9.661 MHz. The interface includes various measurement buttons on the right side, such as Measure, Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2575 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.306 kHz	
x dB Bandwidth	9.661 MHz	

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**24.7. Occupied Bandwidth for SA(NTNV)(Channel:501500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.03	Peak	14.07	14.58	15	Pass

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

Measurement	Value
Occupied Bandwidth	14.0712 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-3.532 kHz
x dB Bandwidth	14.579 MHz

Additional parameters shown in the interface include: Ch Freq 2.5075 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10, dB/Offst 11.2 dB, Center 2.507 500 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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**24.8. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.03	Peak	14.08	14.52	15	Pass

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

Measurement	Value
Occupied Bandwidth	14.0773 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-7.876 kHz
x dB Bandwidth	14.518 MHz

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Res BW 30 kHz, Span 30 MHz, and a 'Pass' verdict.

**24.9. Occupied Bandwidth for SA(NTNV)(Channel:512500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.03	Peak	14.07	14.53	15	Pass

Agilent

Ext Ref

**Ch Freq** 2.5625 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.562 500 GHz Span 30 MHz

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

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

14.0723 MHz x dB -26.00 dB

Transmit Freq Error -13.870 kHz

x dB Bandwidth 14.531 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**24.10. Occupied Bandwidth for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

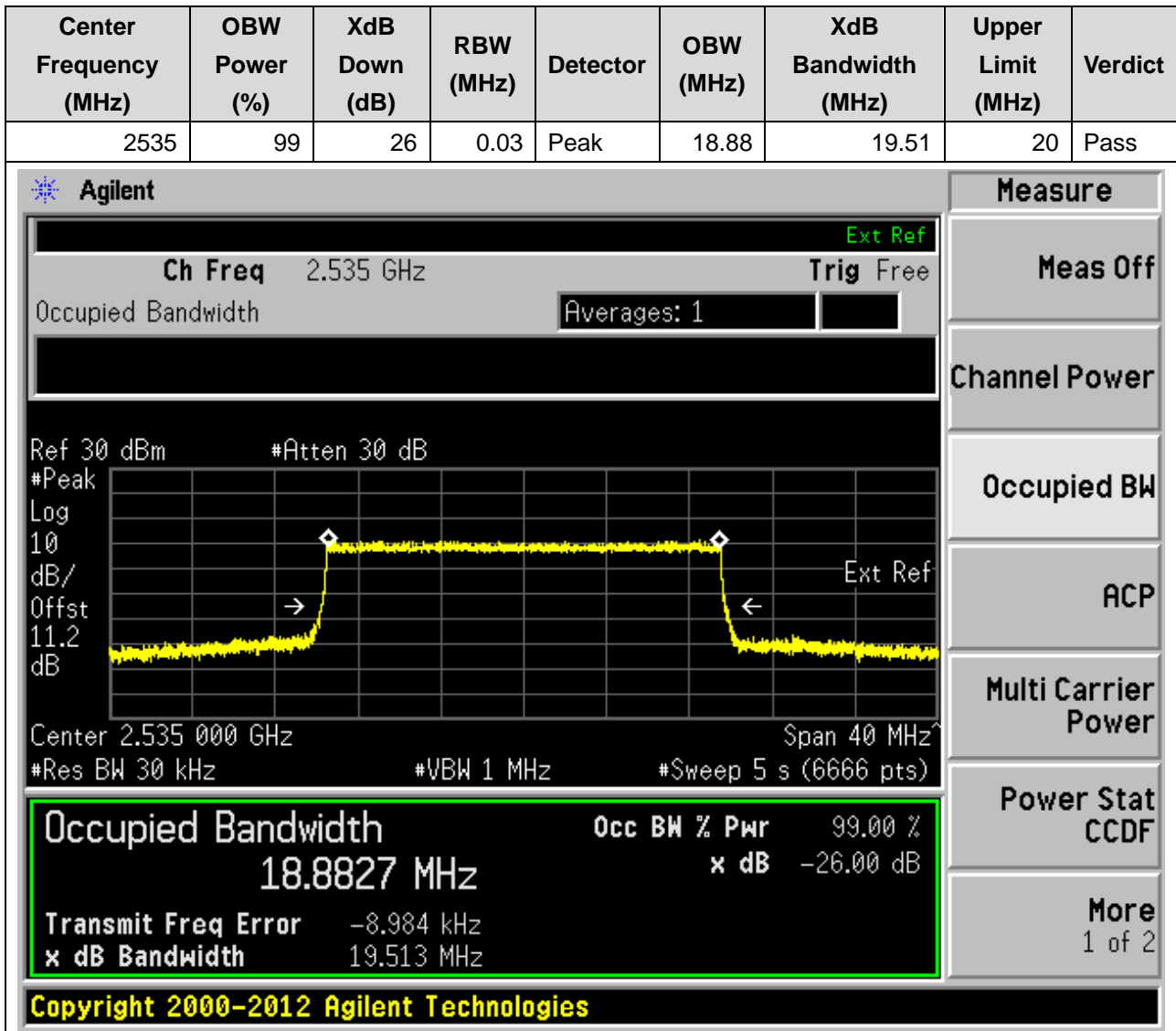
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2510	99	26	0.03	Peak	18.87	19.48	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 2.51 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.8750 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -3.116 kHz, and the XdB bandwidth is 19.479 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 %
18.8750 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.116 kHz	
x dB Bandwidth	19.479 MHz	

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**24.11. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**



**24.12. Occupied Bandwidth for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, 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
2560	99	26	0.03	Peak	18.87	19.43	20	Pass

Agilent

Ext Ref

**Ch Freq** 2.56 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.560 000 GHz Span 40 MHz

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

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

18.8657 MHz x dB -26.00 dB

Transmit Freq Error -20.028 kHz

x dB Bandwidth 19.430 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**24.13. Occupied Bandwidth for SA(NTNV)(Channel:502500, Bandwidth:25, SCS:15, 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
2512.5	99	26	1	Peak	24.06	26.22	25	Pass

Agilent

Ext Ref

**Ch Freq** 2.5125 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
11.2  
dB

Center 2.512 500 GHz Span 50 MHz

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

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

**24.0586 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 19.310 kHz

**x dB Bandwidth** 26.219 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**24.14. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:25, SCS:15, 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
2535	99	26	1	Peak	24.08	26.32	25	Pass

Agilent

Ext Ref

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Ext Ref

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
24.0799 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 5.836 kHz	
<b>x dB Bandwidth</b> 26.322 MHz	

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**24.15. Occupied Bandwidth for SA(NTNV)(Channel:511500, Bandwidth:25, SCS:15, 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
2557.5	99	26	1	Peak	24.07	26.21	25	Pass

Agilent

Ext Ref

**Ch Freq** 2.5575 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.557 500 GHz Span 50 MHz

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

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

24.0705 MHz

x dB -26.00 dB

Transmit Freq Error -41.963 kHz

x dB Bandwidth 26.213 MHz

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**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2



**24.16. Occupied Bandwidth for SA(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2515	99	26	1	Peak	28.75	31.1	30	Pass

Agilent

Ext Ref

**Ch Freq** 2.515 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.515 00 GHz Span 60 MHz

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

**Occupied Bandwidth**

28.7475 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.719 kHz

x dB Bandwidth 31.097 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**24.17. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	28.76	31.14	30	Pass

Agilent

Measure

---

Ext Ref

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.2

dB

Center 2.535 00 GHz Span 60 MHz

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

Meas Off

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More

1 of 2

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.7639 MHz	x dB	-26.00 dB
Transmit Freq Error		-27.016 kHz
x dB Bandwidth		31.139 MHz

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**24.18. Occupied Bandwidth for SA(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2555	99	26	1	Peak	28.7	31.15	30	Pass

Agilent

Ext Ref

**Ch Freq** 2.555 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.2

dB

Center 2.555 00 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.6967 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-72.530 kHz	
<b>x dB Bandwidth</b>	31.147 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**24.19. Occupied Bandwidth for SA(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2520	99	26	1	Peak	38.68	41.2	40	Pass

Agilent

Ext Ref

**Ch Freq** 2.52 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Ext Ref

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.6839 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 28.369 kHz	
<b>x dB Bandwidth</b> 41.196 MHz	

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**24.20. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	38.67	41.39	40	Pass

Agilent

Ext Ref

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.2

dB

Ext Ref

Center 2.535 0 GHz Span 80 MHz

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

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

38.6671 MHz **x dB** -26.00 dB

**Transmit Freq Error** 18.408 kHz

**x dB Bandwidth** 41.394 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**24.21. Occupied Bandwidth for SA(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2550	99	26	1	Peak	38.62	41.29	40	Pass

Agilent
Measure

Ch Freq 2.55 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.550 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
38.6207 MHz	x dB	-26.00 dB
Transmit Freq Error	-38.790 kHz	
x dB Bandwidth	41.285 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

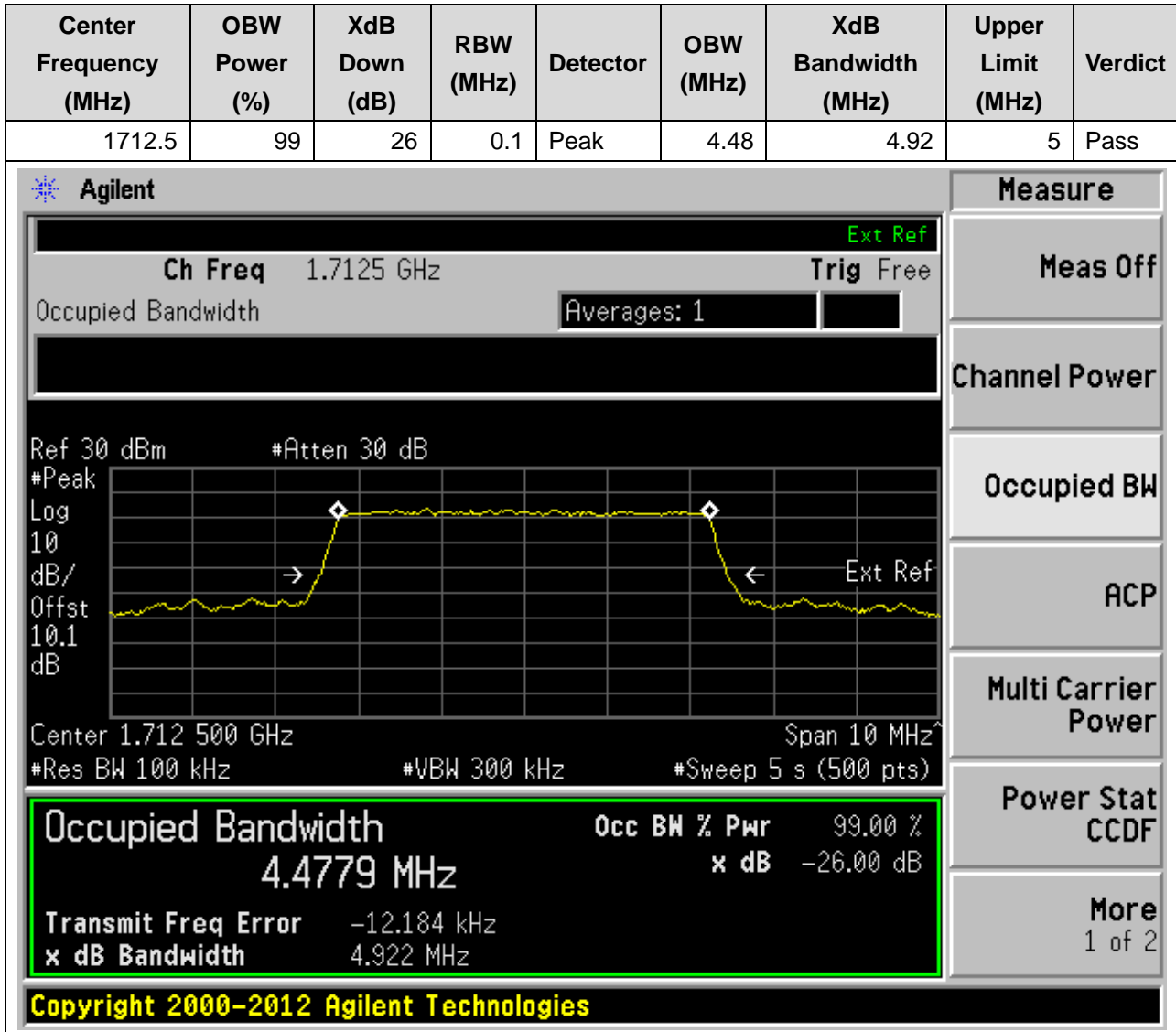
Multi Carrier Power

Power Stat CCDF

More  
1 of 2

## 25. n66 15kHz

25.1. Occupied Bandwidth for SA(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**25.2. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.48	4.96	5	Pass

Agilent

Ext Ref

**Ch Freq** 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.2

dB

Center 1.745 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz

#Sweep 5 s (500 pts)

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

4.4776 MHz **x dB** -26.00 dB

**Transmit Freq Error** -12.284 kHz

**x dB Bandwidth** 4.961 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**25.3. Occupied Bandwidth for SA(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.48	4.94	5	Pass

Agilent

Ext Ref

**Ch Freq** 1.7775 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.777 500 GHz Span 10 MHz

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

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
4.4771 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.896 kHz	
<b>x dB Bandwidth</b> 4.936 MHz	

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**25.4. Occupied Bandwidth for SA(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.03	Peak	9.26	9.7	10	Pass

Agilent

Ext Ref

**Ch Freq** 1.715 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.715 000 GHz Span 20 MHz

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

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

9.2595 MHz x dB -26.00 dB

Transmit Freq Error -7.857 kHz

x dB Bandwidth 9.696 MHz

Ext Ref

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More  
1 of 2

**25.5. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	9.26	9.65	10	Pass

Agilent

Ext Ref

**Ch Freq** 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Meas Off

Center 1.745 000 GHz Span 20 MHz

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

Channel Power

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

9.2583 MHz x dB -26.00 dB

Transmit Freq Error -5.240 kHz

x dB Bandwidth 9.653 MHz

Occupied BW

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ACP

Power Stat CCDF

More

1 of 2

**25.6. Occupied Bandwidth for SA(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.03	Peak	9.25	9.7	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 1.775 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2544 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -10.949 kHz, and the XdB bandwidth is 9.697 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 %
9.2544 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.949 kHz	
x dB Bandwidth	9.697 MHz	

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**25.7. Occupied Bandwidth for SA(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.03	Peak	14.07	14.55	15	Pass

Agilent

Ext Ref

**Ch Freq** 1.7175 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Ext Ref

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
14.0737 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -10.299 kHz	
<b>x dB Bandwidth</b> 14.552 MHz	

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**25.8. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	14.07	14.52	15	Pass

Agilent
Measure

Ch Freq 1.745 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log

10

dB/

Offst

10.2

dB

Center 1.745 000 GHz
Span 30 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

14.0666 MHz
x dB -26.00 dB

Transmit Freq Error -7.409 kHz

x dB Bandwidth 14.523 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**25.9. Occupied Bandwidth for SA(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.03	Peak	14.06	14.56	15	Pass

**Agilent**

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.772 500 GHz Span 30 MHz

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

**Occupied Bandwidth** 14.0598 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -11.884 kHz

x dB Bandwidth 14.562 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**25.10. Occupied Bandwidth for SA(NTNV)(Channel:344000, Bandwidth:20, SCS:15, 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
1720	99	26	0.03	Peak	18.88	19.47	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.72 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', 'Log 10', 'dB/Offst 10.2 dB', 'Center 1.720 000 GHz', 'Span 40 MHz', '#Res BW 30 kHz', '#VBW 1 MHz', and '#Sweep 5 s (6666 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 18.8753 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, it shows 'Transmit Freq Error -8.519 kHz' and 'x dB Bandwidth 19.472 MHz'. On the right side, there is a 'Measure' menu with options: 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. At the bottom, it says 'Copyright 2000-2012 Agilent Technologies'.



**25.11. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:20, SCS:15, 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
1745	99	26	0.03	Peak	18.87	19.47	20	Pass

Agilent
Measure

Ch Freq 1.745 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10 dB/Offst 10.2 dB

Center 1.745 000 GHz
Span 40 MHz

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

### Occupied Bandwidth

## 18.8746 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -12.493 kHz

x dB Bandwidth 19.465 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**25.12. Occupied Bandwidth for SA(NTNV)(Channel:354000, Bandwidth:20, SCS:15, 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
1770	99	26	0.03	Peak	18.87	19.48	20	Pass

Agilent
Measure

Ch Freq 1.77 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10  
 dB/Offst 10.2 dB

Center 1.770 000 GHz
Span 40 MHz

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

**Occupied Bandwidth**

**18.8705 MHz**

Transmit Freq Error -13.786 kHz

x dB Bandwidth 19.477 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**25.13. Occupied Bandwidth for SA(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1725	99	26	1	Peak	28.74	31.17	30	Pass

Agilent

Ext Ref

**Ch Freq** 1.725 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.2

dB

Center 1.725 00 GHz Span 60 MHz

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

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

**28.7409 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -54.885 kHz

**x dB Bandwidth** 31.173 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**25.14. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	28.73	31.18	30	Pass

Agilent

Ext Ref

**Ch Freq** 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.745 00 GHz Span 60 MHz

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

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

28.7269 MHz x dB -26.00 dB

Transmit Freq Error -60.713 kHz

x dB Bandwidth 31.180 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**25.15. Occupied Bandwidth for SA(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1765	99	26	1	Peak	28.75	31.15	30	Pass

Agilent

Ext Ref

**Ch Freq** 1.765 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/

Offst 10.2 dB

Center 1.765 00 GHz

Span 60 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.7450 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-75.894 kHz	
<b>x dB Bandwidth</b>	31.150 MHz	

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**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

**25.16. Occupied Bandwidth for SA(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1730	99	26	1	Peak	38.71	41.37	40	Pass

Agilent

Ext Ref

**Ch Freq** 1.73 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.2

dB

Center 1.730 0 GHz

Span 80 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
38.7097 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	12.476 kHz	
<b>x dB Bandwidth</b>	41.371 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

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**25.17. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	38.68	41.38	40	Pass

Agilent

Ext Ref

**Ch Freq** 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.2

dB

Center 1.745 0 GHz

Span 80 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-33.555 kHz
<b>x dB Bandwidth</b>		41.376 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**25.18. Occupied Bandwidth for SA(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1760	99	26	1	Peak	38.64	41.16	40	Pass

Agilent

Ext Ref

**Ch Freq** 1.76 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/

Offst 10.2 dB

Center 1.760 0 GHz

Span 80 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-41.903 kHz
<b>x dB Bandwidth</b>		41.156 MHz

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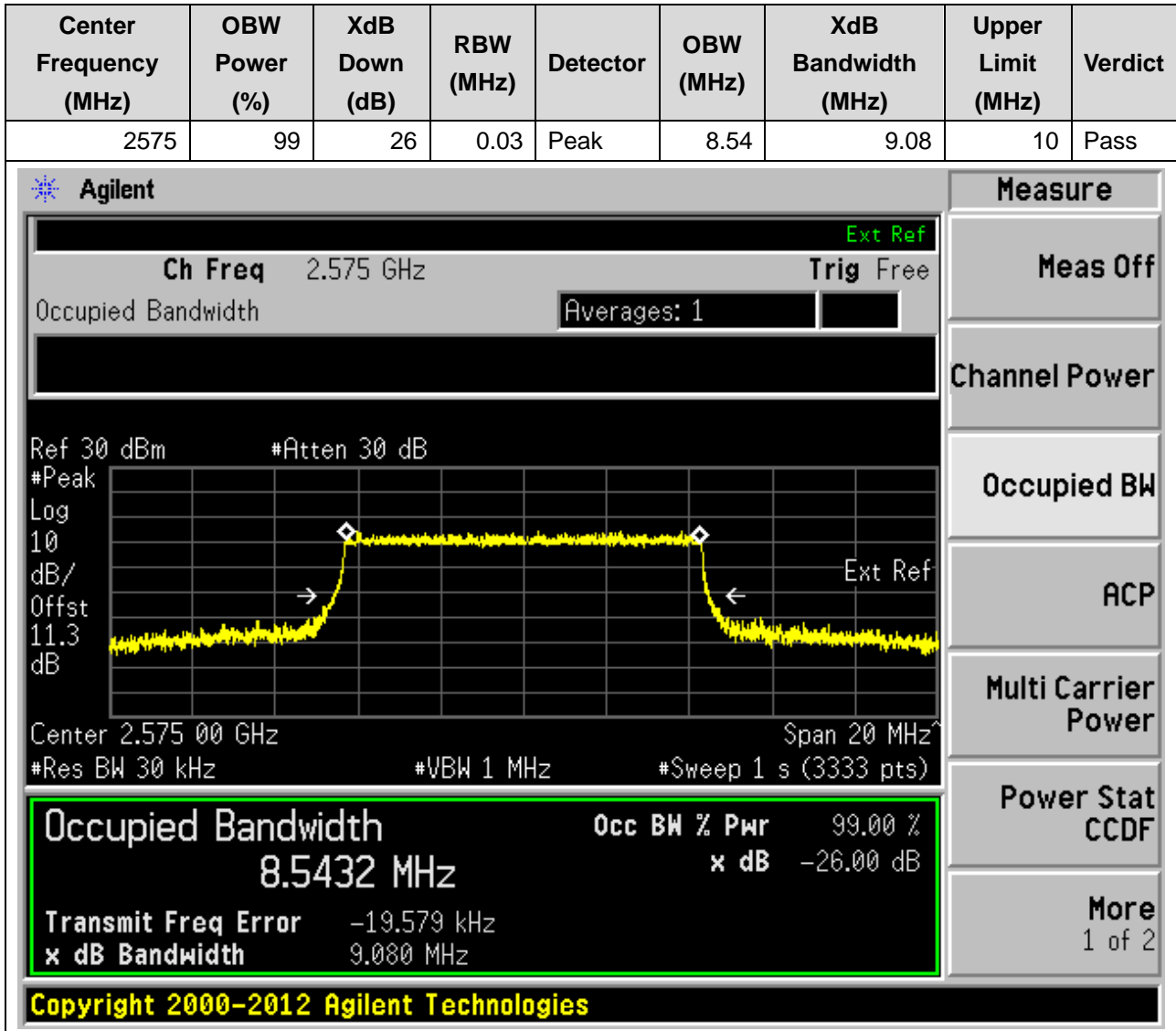
**More**

1 of 2



## 26. n38\_PC3

### 26.1. Occupied Bandwidth for SA(NTNV)(Channel:515000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



**26.2. Occupied Bandwidth for SA(NTNV)(Channel:519000, 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
2595	99	26	0.03	Peak	8.55	9.16	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 2.595 GHz, and the span is 20 MHz. The occupied bandwidth is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth	Occ BW % Pwr	X dB
8.5494 MHz	99.00 %	-26.00 dB

Other parameters shown in the screenshot include: Ch Freq 2.595 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10, dB/Offst 11.3 dB, Center 2.595 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 1 s (3333 pts), Transmit Freq Error -20.960 kHz, and x dB Bandwidth 9.164 MHz.

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**26.3. Occupied Bandwidth for SA(NTNV)(Channel:523000, 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
2615	99	26	0.03	Peak	8.55	9.12	10	Pass

Agilent
Measure

Ch Freq 2.615 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10  
 dB/Offst 11.3 dB

Center 2.615 000 GHz
Span 20 MHz

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

**Occupied Bandwidth**

**8.5527 MHz**

Transmit Freq Error -17.304 kHz

x dB Bandwidth 9.123 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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Meas Off

Channel Power

Occupied BW

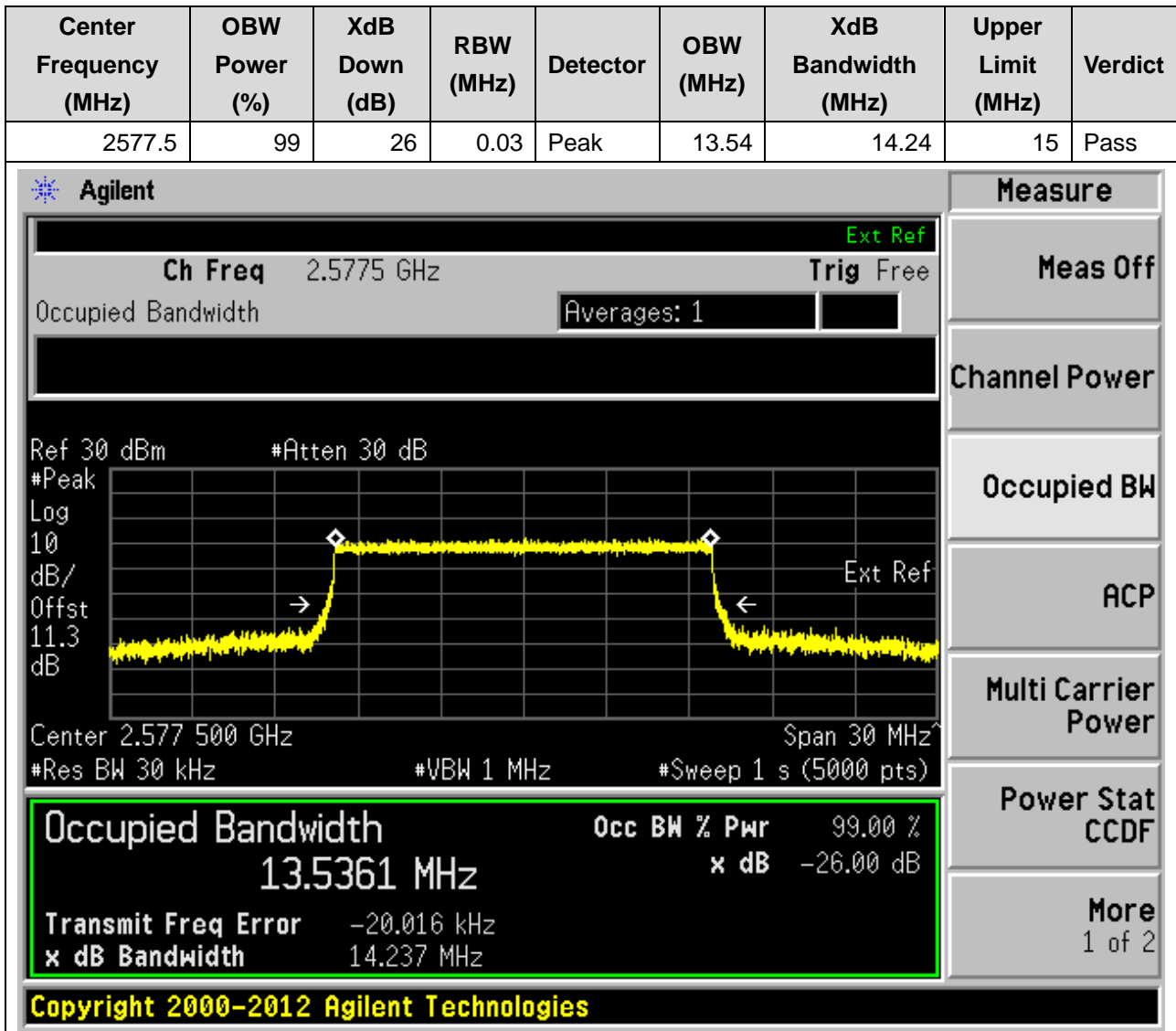
ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**26.4. Occupied Bandwidth for SA(NTNV)(Channel:515500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**



**26.5. Occupied Bandwidth for SA(NTNV)(Channel:519000, 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
2595	99	26	0.03	Peak	13.53	14.09	15	Pass

Agilent

Ext Ref

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5315 MHz	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -16.948 kHz	
<b>x dB Bandwidth</b> 14.095 MHz	

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**26.6. Occupied Bandwidth for SA(NTNV)(Channel:522500, 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
2612.5	99	26	0.03	Peak	13.54	14.2	15	Pass

Agilent

Ext Ref

**Ch Freq** 2.6125 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.612 500 GHz Span 30 MHz

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

Ext Ref

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

13.5401 MHz x dB -26.00 dB

Transmit Freq Error -18.645 kHz

x dB Bandwidth 14.196 MHz

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**More**

1 of 2

**26.7. Occupied Bandwidth for SA(NTNV)(Channel:516000, 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
2580	99	26	0.03	Peak	18.16	18.87	20	Pass

Agilent

Ext Ref

**Ch Freq** 2.58 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Meas Off

Center 2.580 000 GHz Span 40 MHz

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

Channel Power

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

18.1631 MHz x dB -26.00 dB

Transmit Freq Error -13.445 kHz

x dB Bandwidth 18.872 MHz

Occupied BW

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ACP

Power Stat CCDF

More

1 of 2

**26.8. Occupied Bandwidth for SA(NTNV)(Channel:519000, 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
2595	99	26	0.03	Peak	18.16	18.84	20	Pass

Agilent

Ext Ref

**Ch Freq** 2.595 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.595 000 GHz Span 40 MHz

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

Ext Ref

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

18.1584 MHz x dB -26.00 dB

Transmit Freq Error -12.430 kHz

x dB Bandwidth 18.838 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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**26.9. Occupied Bandwidth for SA(NTNV)(Channel:522000, 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
2610	99	26	0.03	Peak	18.16	18.82	20	Pass

Agilent

Ext Ref

**Ch Freq** 2.61 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.3

dB

Center 2.610 000 GHz Span 40 MHz

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

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

18.1609 MHz x dB -26.00 dB

Transmit Freq Error -13.495 kHz

x dB Bandwidth 18.818 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**26.10. Occupied Bandwidth for SA(NTNV)(Channel:517000, 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
2585	99	26	1	Peak	28.18	30.7	30	Pass

Agilent
Measure

Ch Freq 2.585 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.585 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 1 s (401 pts)

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
28.1755 MHz	x dB	-26.00 dB
Transmit Freq Error	6.040 kHz	
x dB Bandwidth	30.704 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**26.11. Occupied Bandwidth for SA(NTNV)(Channel:519000, 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
2595	99	26	1	Peak	28.15	30.75	30	Pass

Agilent

Ext Ref

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.3

dB

Center 2.595 00 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1469 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.126 kHz	
<b>x dB Bandwidth</b>	30.755 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**26.12. Occupied Bandwidth for SA(NTNV)(Channel:521000, 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
2605	99	26	1	Peak	28.16	30.66	30	Pass

Agilent

Ext Ref

**Ch Freq** 2.605 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.605 00 GHz Span 60 MHz

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

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

28.1620 MHz x dB -26.00 dB

Transmit Freq Error 7.790 kHz

x dB Bandwidth 30.665 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

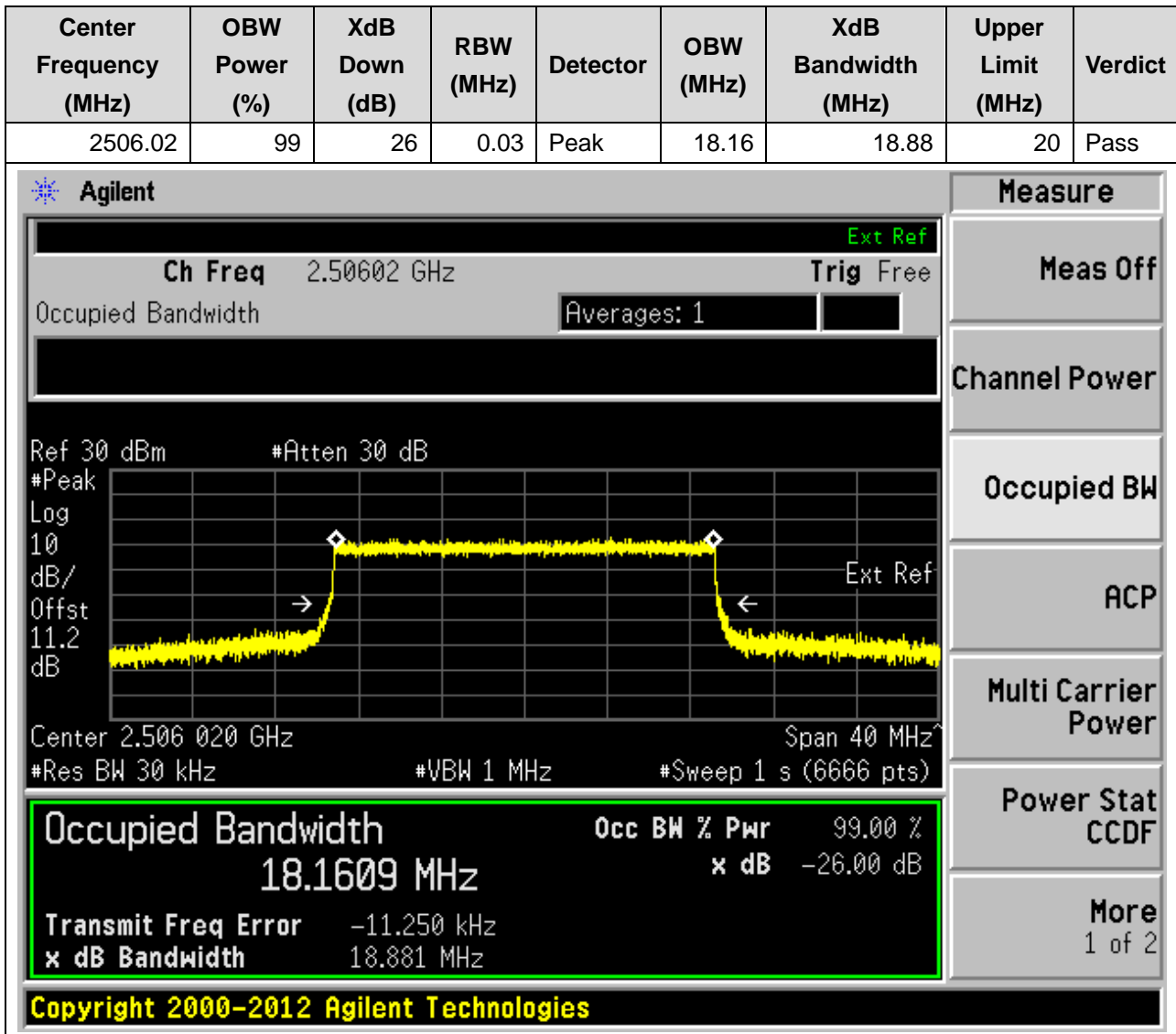
Power Stat CCDF

More  
1 of 2

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## 27. n41

### 27.1. Occupied Bandwidth for SA(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)



**27.2. Occupied Bandwidth for SA(NTNV)(Channel:518598, 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
2592.99	99	26	0.03	Peak	18.17	18.89	20	Pass

Agilent

Measure

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Trig Free

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log

10

dB/

Offst

11.3

dB

Center 2.592 990 GHz
Span 40 MHz

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

**Occupied Bandwidth**

**18.1658 MHz**

Transmit Freq Error -13.693 kHz

x dB Bandwidth 18.889 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**27.3. Occupied Bandwidth for SA(NTNV)(Channel:535998, 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
2679.99	99	26	0.03	Peak	18.16	18.86	20	Pass

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

Measurement	Value
Occupied Bandwidth	18.1621 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-21.875 kHz
x dB Bandwidth	18.858 MHz

Other visible parameters include: Ch Freq 2.67999 GHz, Res BW 30 kHz, Span 40 MHz, and a 'Pass' verdict.

**27.4. Occupied Bandwidth for SA(NTNV)(Channel:502200, 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
2511	99	26	1	Peak	28.1	30.58	30	Pass

Agilent

Ext Ref

**Ch Freq** 2.511 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.2

dB

Center 2.511 00 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1045 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.222 kHz	
<b>x dB Bandwidth</b>	30.584 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**27.5. Occupied Bandwidth for SA(NTNV)(Channel:518598, 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
2592.99	99	26	1	Peak	28.14	30.63	30	Pass

Agilent

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

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
28.1352 MHz	x dB	-26.00 dB
Transmit Freq Error		-12.278 kHz
x dB Bandwidth		30.633 MHz

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**27.6. Occupied Bandwidth for SA(NTNV)(Channel:534996, 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
2674.98	99	26	1	Peak	28.11	30.73	30	Pass

Agilent

Ext Ref

**Ch Freq** 2.67498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.674 98 GHz Span 60 MHz

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

**Occupied Bandwidth**

28.1063 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -45.913 kHz

x dB Bandwidth 30.734 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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**27.7. Occupied Bandwidth for SA(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	37.9	40.72	40	Pass

Agilent

Ext Ref

**Ch Freq** 2.51601 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.516 0 GHz Span 80 MHz

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

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

37.9003 MHz x dB -26.00 dB

Transmit Freq Error 32.283 kHz

x dB Bandwidth 40.717 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**27.8. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	37.99	40.73	40	Pass

Agilent

Ext Ref

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

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.593 0 GHz Span 80 MHz

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

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

37.9914 MHz x dB -26.00 dB

Transmit Freq Error 58.023 kHz

x dB Bandwidth 40.725 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**27.9. Occupied Bandwidth for SA(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	37.94	40.7	40	Pass

Agilent
Measure

Ch Freq 2.67 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.670 0 GHz Span 80 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.9418 MHz	x dB	-26.00 dB
Transmit Freq Error	1.398 kHz	
x dB Bandwidth	40.701 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**27.10. Occupied Bandwidth for SA(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.45	50.65	50	Pass

Agilent
Measure

Ch Freq 2.52102 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Trig Free

Ref 30 dBm #Atten 30 dB

Center 2.521 02 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
47.4471 MHz	x dB	-26.00 dB
Transmit Freq Error	16.073 kHz	
x dB Bandwidth	50.649 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**27.11. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.48	50.73	50	Pass

Agilent

Ext Ref

**Ch Freq** 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 99 GHz Span 100 MHz

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

**Occupied Bandwidth**

47.4833 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 36.255 kHz

x dB Bandwidth 50.732 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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**27.12. Occupied Bandwidth for SA(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.46	50.69	50	Pass

Agilent

Ext Ref

**Ch Freq** 2.66499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.4

dB

Center 2.664 99 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.4611 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-21.075 kHz	
<b>x dB Bandwidth</b>	50.692 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**27.13. Occupied Bandwidth for SA(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.75	60.92	60	Pass

Agilent

Ext Ref

**Ch Freq** 2.526 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.526 00 GHz Span 120 MHz

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

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

57.7524 MHz x dB -26.00 dB

Transmit Freq Error -18.443 kHz

x dB Bandwidth 60.918 MHz

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

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**27.14. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.77	61.03	60	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
57.7683 MHz	x dB	-26.00 dB
Transmit Freq Error		-5.096 kHz
x dB Bandwidth		61.030 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**27.15. Occupied Bandwidth for SA(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.79	60.98	60	Pass

Agilent

Ext Ref

**Ch Freq** 2.65998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.659 98 GHz Span 120 MHz

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

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

57.7914 MHz x dB -26.00 dB

Transmit Freq Error -73.311 kHz

x dB Bandwidth 60.983 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**27.16. Occupied Bandwidth for SA(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.37	71.06	70	Pass

Agilent

Ext Ref

**Ch Freq** 2.53101 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.2

dB

Center 2.531 01 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.3703 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	27.969 kHz	
<b>x dB Bandwidth</b>	71.062 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**27.17. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.45	70.92	70	Pass

Agilent

Ext Ref

**Ch Freq** 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 99 GHz Span 140 MHz

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

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

67.4466 MHz x dB -26.00 dB

Transmit Freq Error 24.411 kHz

x dB Bandwidth 70.917 MHz

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**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**27.18. Occupied Bandwidth for SA(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.45	70.96	70	Pass

Agilent

Ext Ref

**Ch Freq** 2.655 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.655 00 GHz Span 140 MHz

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

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

67.4465 MHz x dB -26.00 dB

Transmit Freq Error -59.433 kHz

x dB Bandwidth 70.958 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**27.19. Occupied Bandwidth for SA(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.23	80.64	80	Pass

Agilent

Ext Ref

**Ch Freq** 2.53602 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.536 02 GHz Span 160 MHz

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

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

77.2290 MHz x dB -26.00 dB

Transmit Freq Error -453.569 Hz

x dB Bandwidth 80.638 MHz

**More**  
1 of 2

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**27.20. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.25	80.6	80	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 160 MHz

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

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

**77.2479 MHz** x dB -26.00 dB

Transmit Freq Error -8.682 kHz

x dB Bandwidth 80.597 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**27.21. Occupied Bandwidth for SA(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.25	80.78	80	Pass

Agilent

Ext Ref

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

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.649 99 GHz Span 160 MHz

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

**Occupied Bandwidth**

77.2470 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -88.269 kHz

x dB Bandwidth 80.776 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**27.22. Occupied Bandwidth for SA(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.15	90.58	90	Pass

**Agilent**

Ch Freq 2.541 GHz      Ext Ref      Trig Free

Occupied Bandwidth      Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak      Log      dB/      Offst      11.2 dB

Center 2.541 00 GHz      Span 180 MHz

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

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

87.1502 MHz      x dB      -26.00 dB

Transmit Freq Error      19.669 kHz

x dB Bandwidth      90.580 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**27.23. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.13	90.55	90	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
87.1293 MHz	x dB	-26.00 dB
Transmit Freq Error	6.788 kHz	
x dB Bandwidth	90.545 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**27.24. Occupied Bandwidth for SA(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.07	90.52	90	Pass

Agilent
Measure

Ch Freq 2.64498 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Trig Free

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.0742 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -85.436 kHz	
<b>x dB Bandwidth</b> 90.524 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**27.25. Occupied Bandwidth for SA(NTNV)(Channel:509202, 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
2546.01	99	26	1	Peak	97.08	100.73	100	Pass

Agilent
Measure

Ch Freq 2.54601 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Trig Free

Ref 30 dBm #Atten 30 dB

Center 2.546 01 GHz Span 200 MHz

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

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
97.0757 MHz	x dB	-26.00 dB
Transmit Freq Error		128.495 kHz
x dB Bandwidth		100.726 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**27.26. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.07	100.73	100	Pass

Agilent

Ext Ref

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

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 99 GHz Span 200 MHz

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

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

97.0723 MHz x dB -26.00 dB

Transmit Freq Error 105.856 kHz

x dB Bandwidth 100.731 MHz

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More

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**27.27. Occupied Bandwidth for SA(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.05	100.72	100	Pass

Agilent

Ext Ref

**Ch Freq** 2.64 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.640 00 GHz Span 200 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.0470 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 18.898 kHz	
<b>x dB Bandwidth</b> 100.720 MHz	

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