

5.12. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:38150, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.39	Peak	17.94	21.09	20	Pass

Agilent

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 %

17.9366 MHz x dB -26.00 dB

Transmit Freq Error -2.027 kHz

x dB Bandwidth 21.094 MHz

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

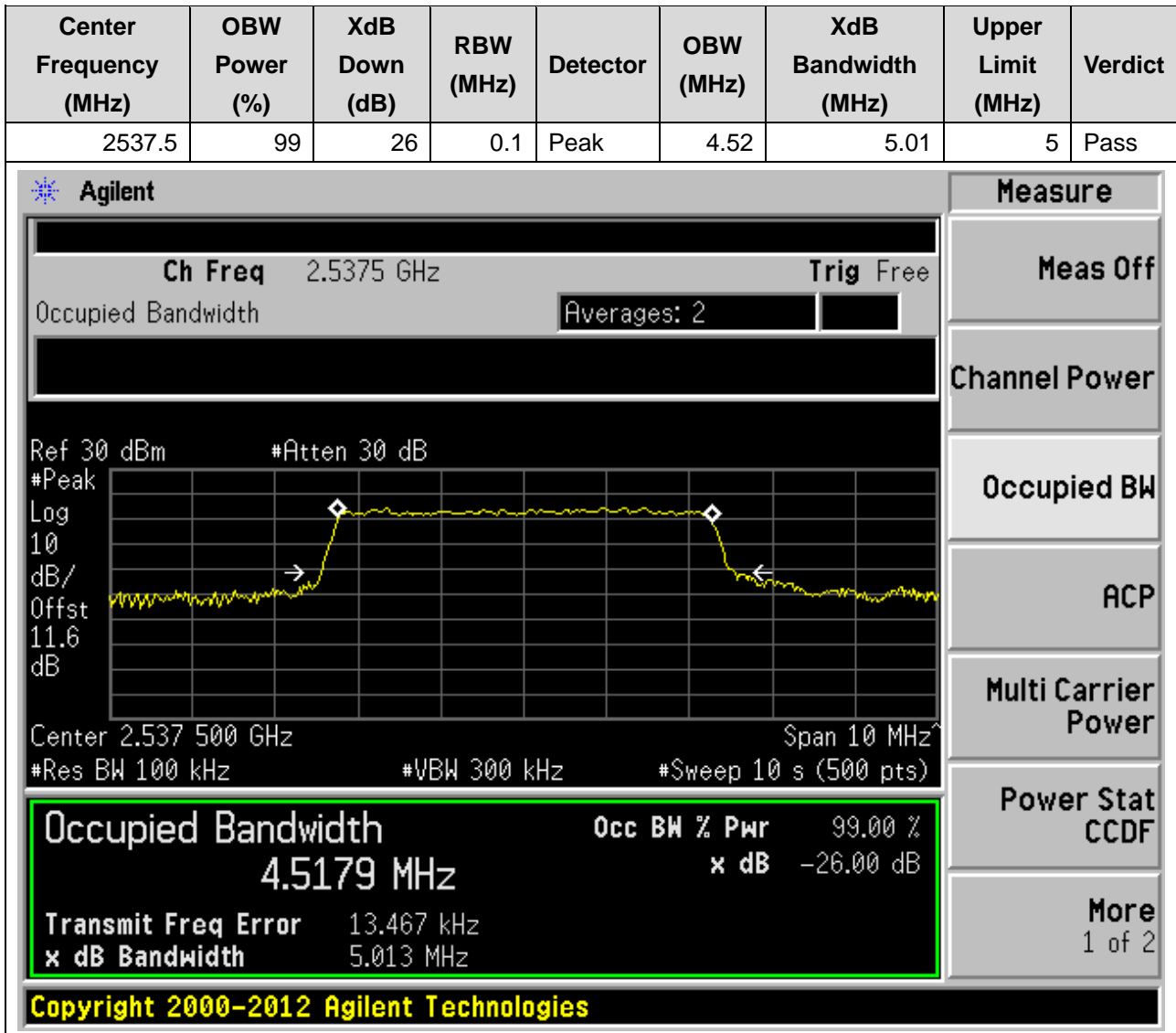
Power Stat CCDF

More 1 of 2

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6. LTE_Band41 120M

6.1. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40065, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



6.2. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.51	5.06	5	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 11.7 dB

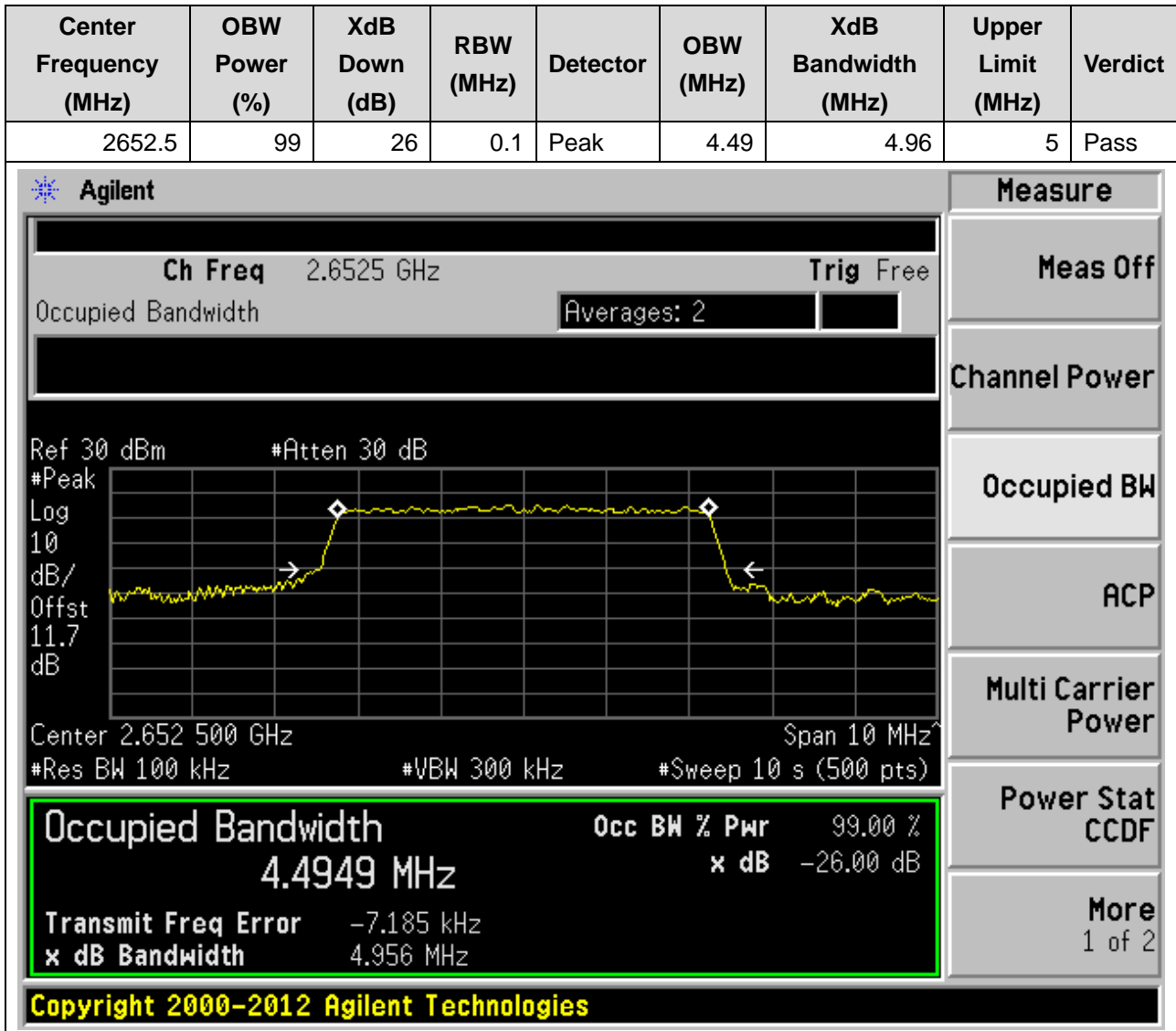
Center 2.595 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5077 MHz	x dB	-26.00 dB
Transmit Freq Error	-927.477 Hz	
x dB Bandwidth	5.056 MHz	

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6.3. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41215, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



6.4. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40090, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2540	99	26	0.2	Peak	8.97	10.09	10	Pass

Agilent

Measure

Ch Freq 2.54 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.540 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9673 MHz x dB -26.00 dB

Transmit Freq Error 5.467 kHz

x dB Bandwidth 10.088 MHz

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Meas Off

Channel Power

Occupied BW

ACP

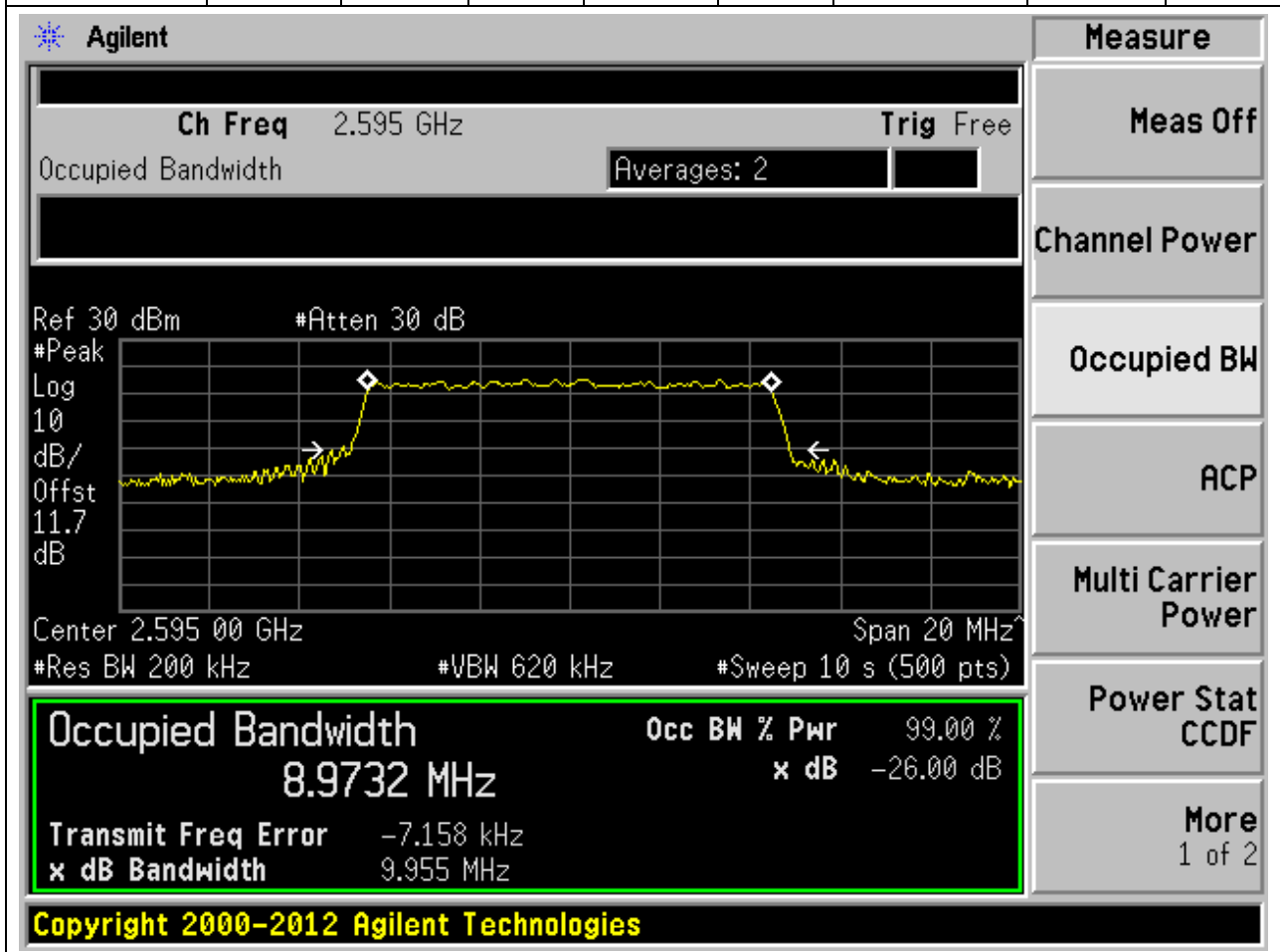
Multi Carrier Power

Power Stat CCDF

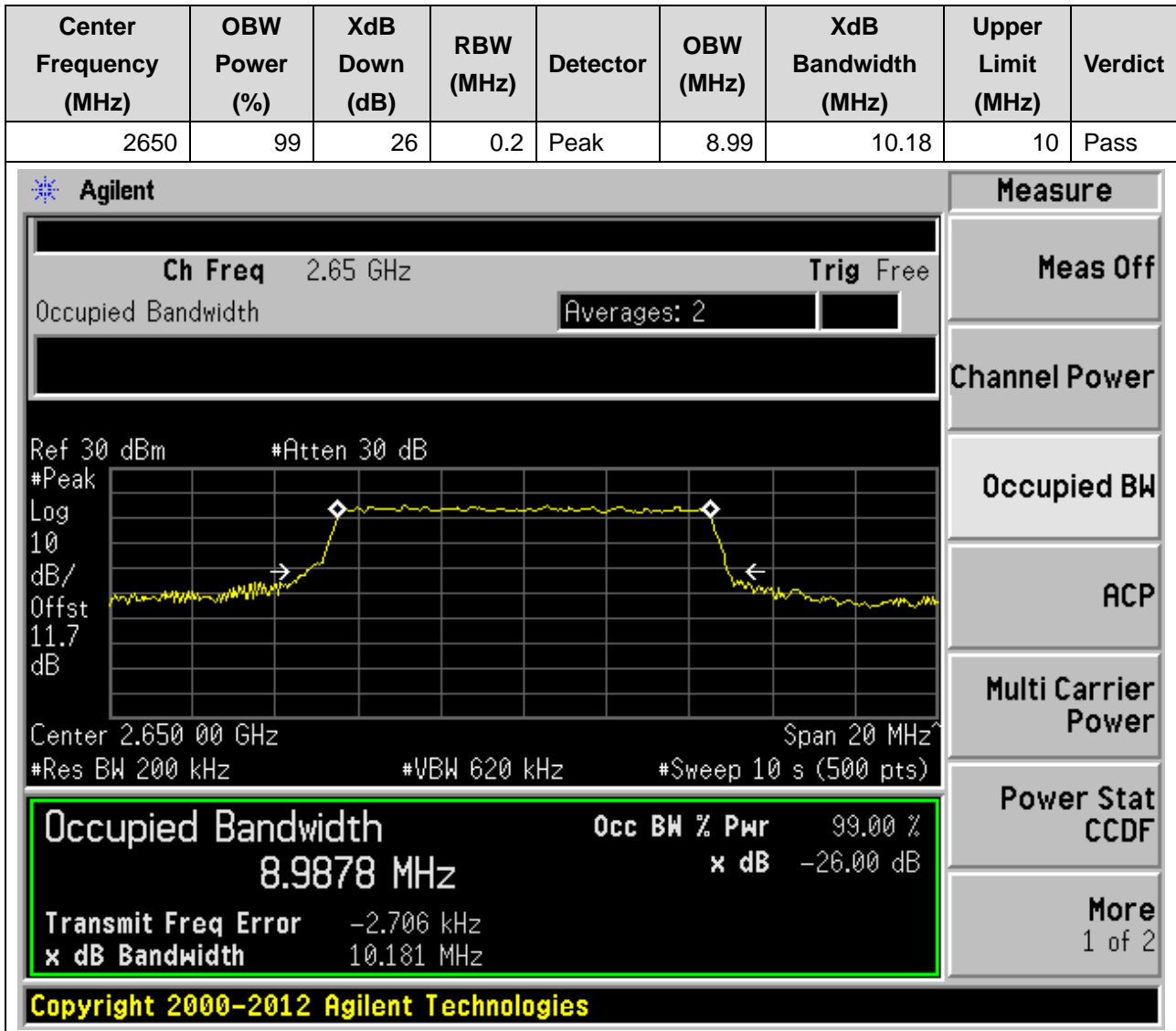
More
1 of 2

6.5. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.2	Peak	8.97	9.95	10	Pass



6.6. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41190, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)



6.7. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40115, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2542.5	99	26	0.3	Peak	13.45	14.94	15	Pass

Agilent
Measure

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.542 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4497 MHz	x dB	-26.00 dB
Transmit Freq Error	28.458 kHz	
x dB Bandwidth	14.941 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

6.8. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.49	14.85	15	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

Center 2.595 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4917 MHz	x dB	-26.00 dB
Transmit Freq Error		11.698 kHz
x dB Bandwidth		14.853 MHz

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6.9. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41165, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2647.5	99	26	0.3	Peak	13.46	14.93	15	Pass

Agilent
Measure

Ch Freq 2.6475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.647 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 10 s (500 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 %
13.4612 MHz	x dB -26.00 dB
Transmit Freq Error	-26.868 kHz
x dB Bandwidth	14.931 MHz

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6.10. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40140, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2545	99	26	0.39	Peak	17.86	19.39	20	Pass

Agilent

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

Ch Freq 2.545 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.545 00 GHz Span 40 MHz

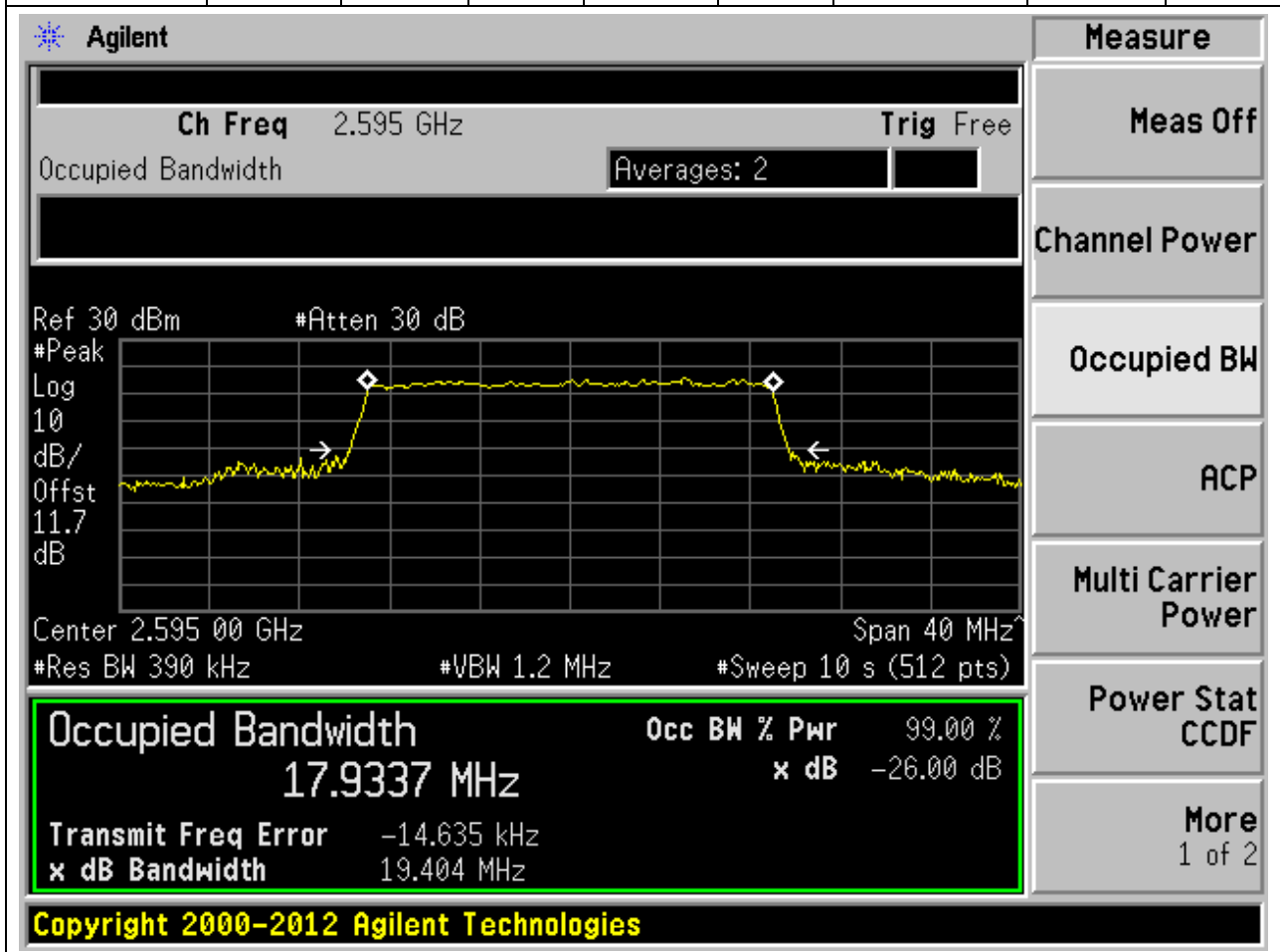
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 10 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.8596 MHz	x dB	-26.00 dB
Transmit Freq Error	46.631 kHz	
x dB Bandwidth	19.385 MHz	

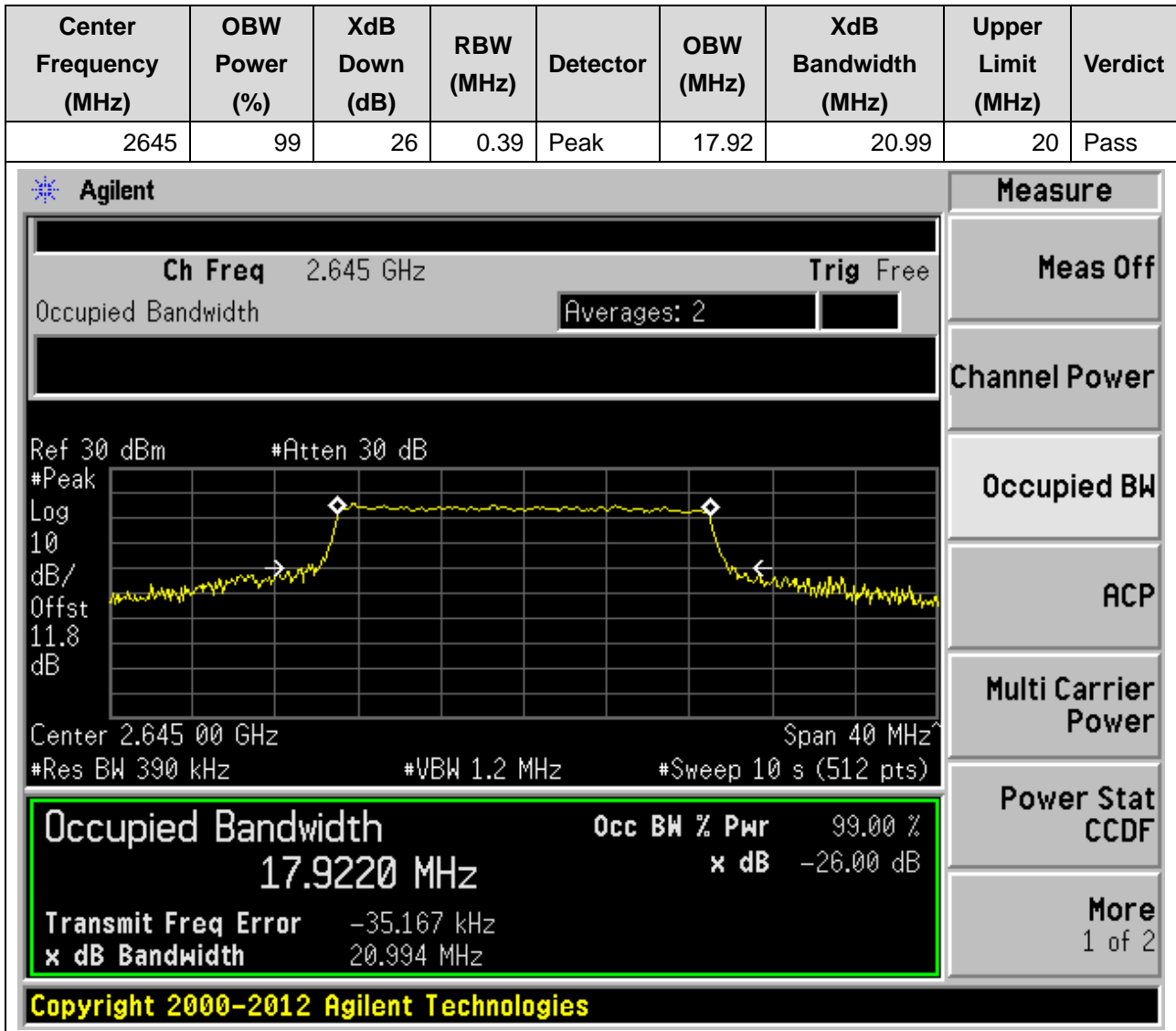
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6.11. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	17.93	19.4	20	Pass

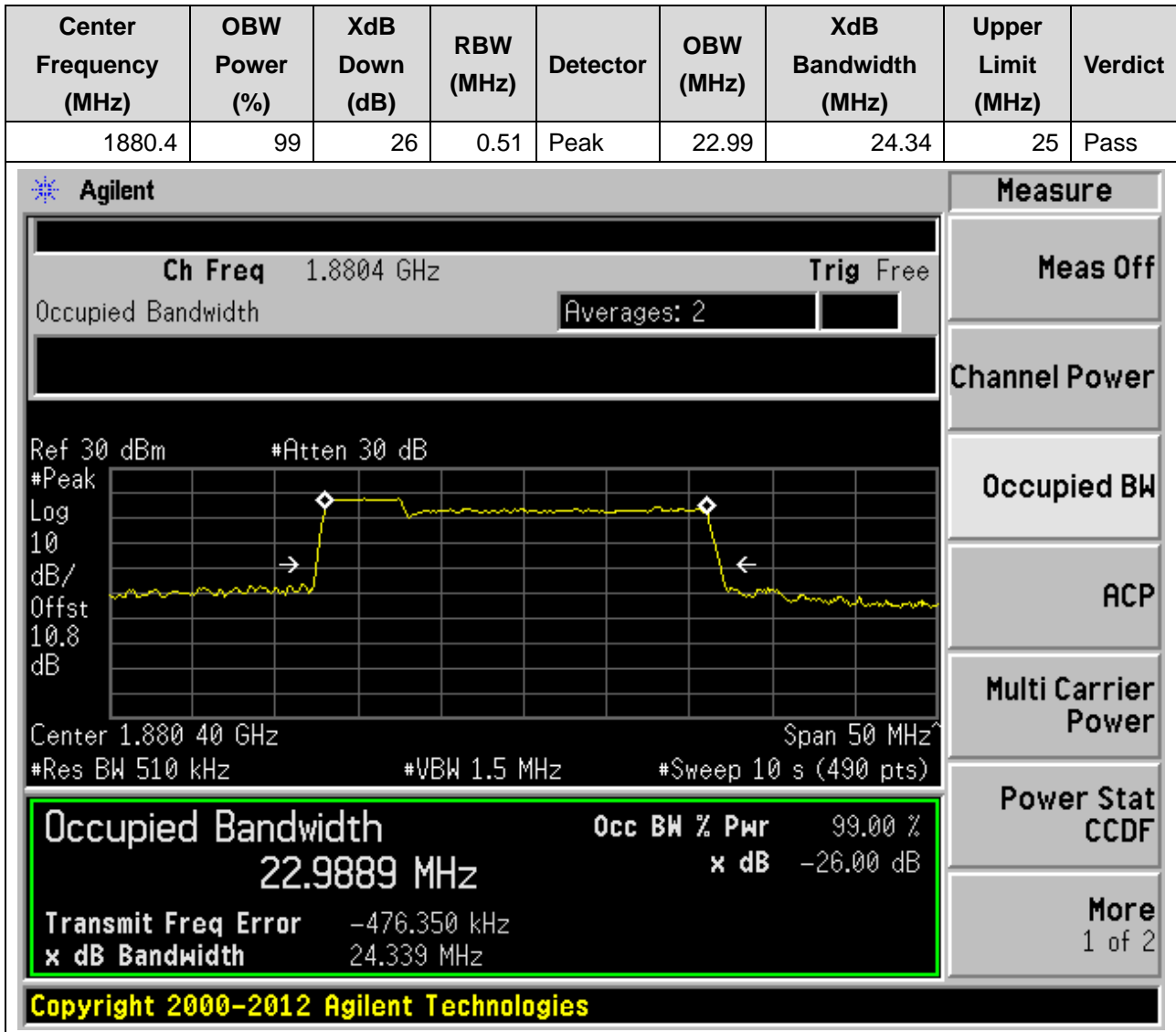


6.12. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41140, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

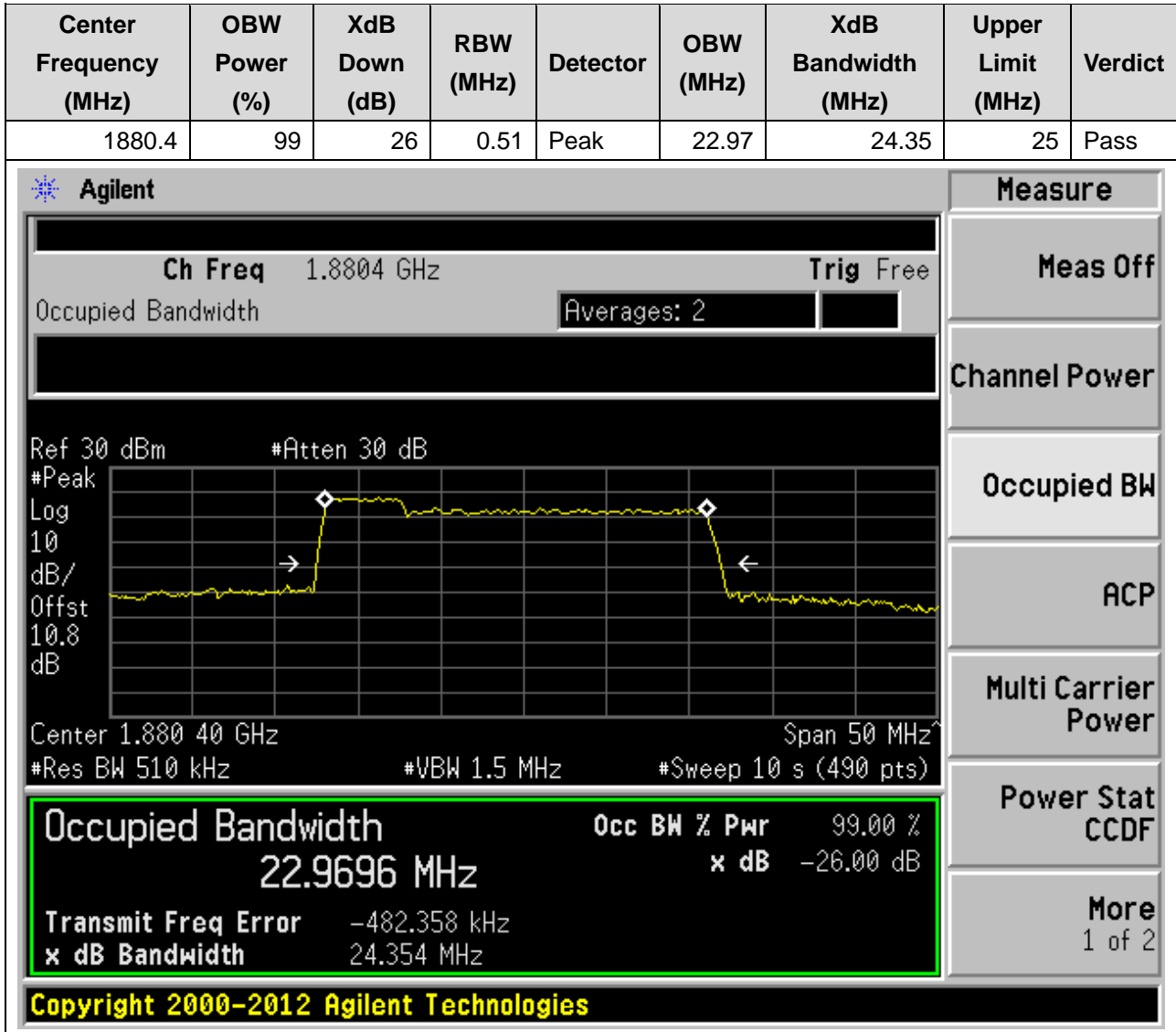


3. CA_2C

3.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:18808|18925, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

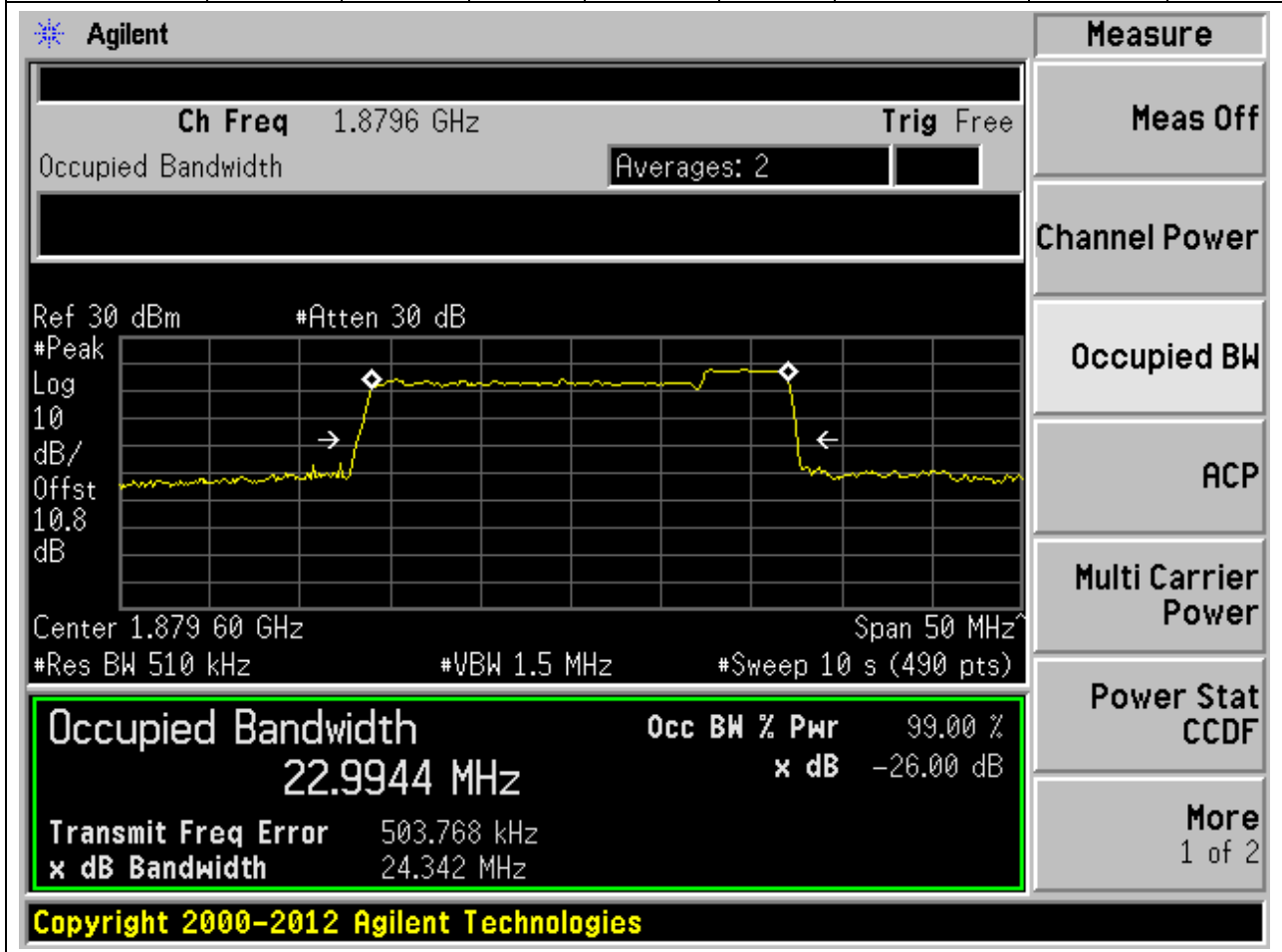


**3.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**3.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:18875|18992, 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
1879.6	99	26	0.51	Peak	22.99	24.34	25	Pass



**3.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:18875|18992, 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
1879.6	99	26	0.51	Peak	22.91	24.25	25	Pass

Agilent

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

Ch Freq 1.8796 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

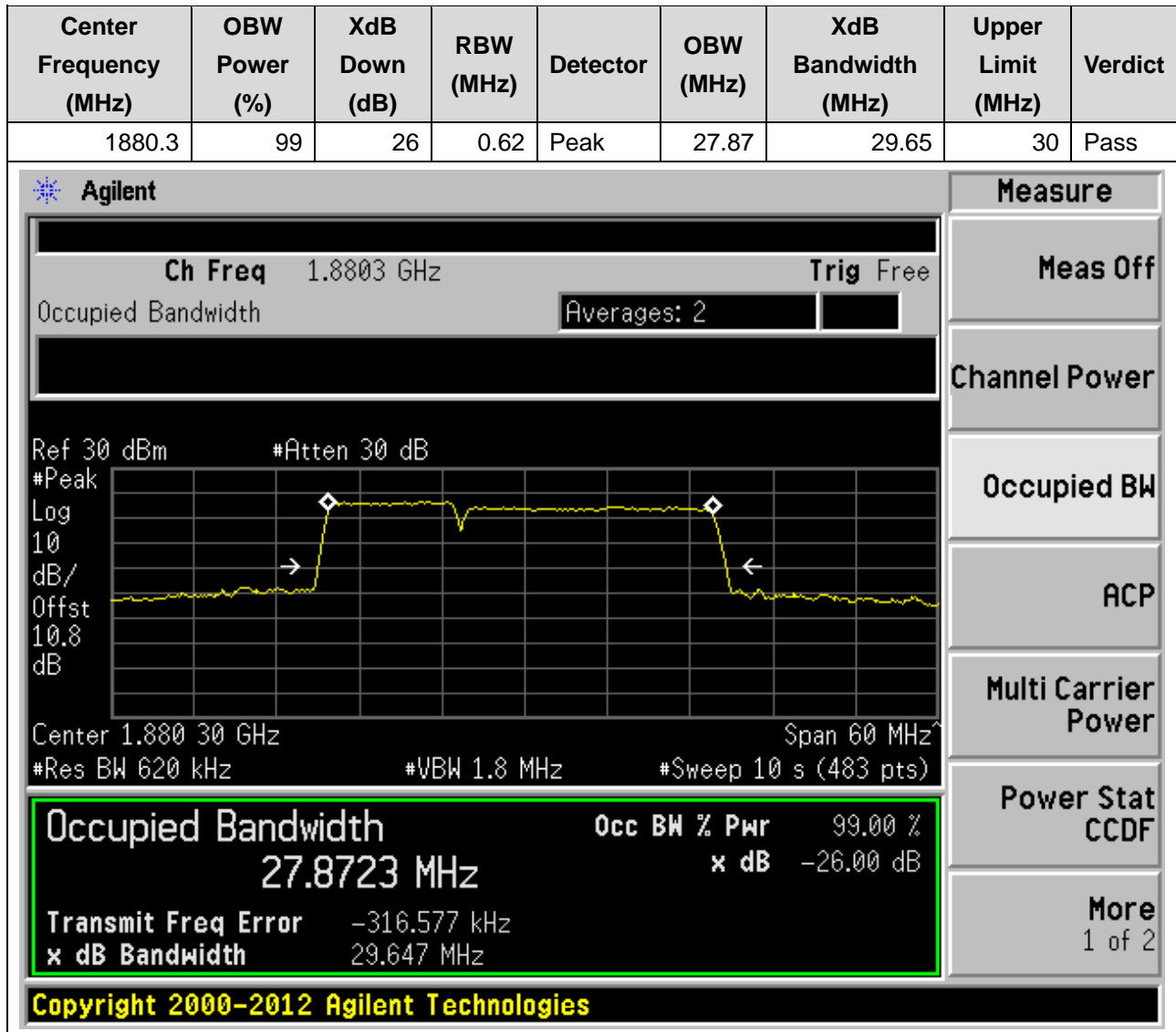
Center 1.879 60 GHz Span 50 MHz

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

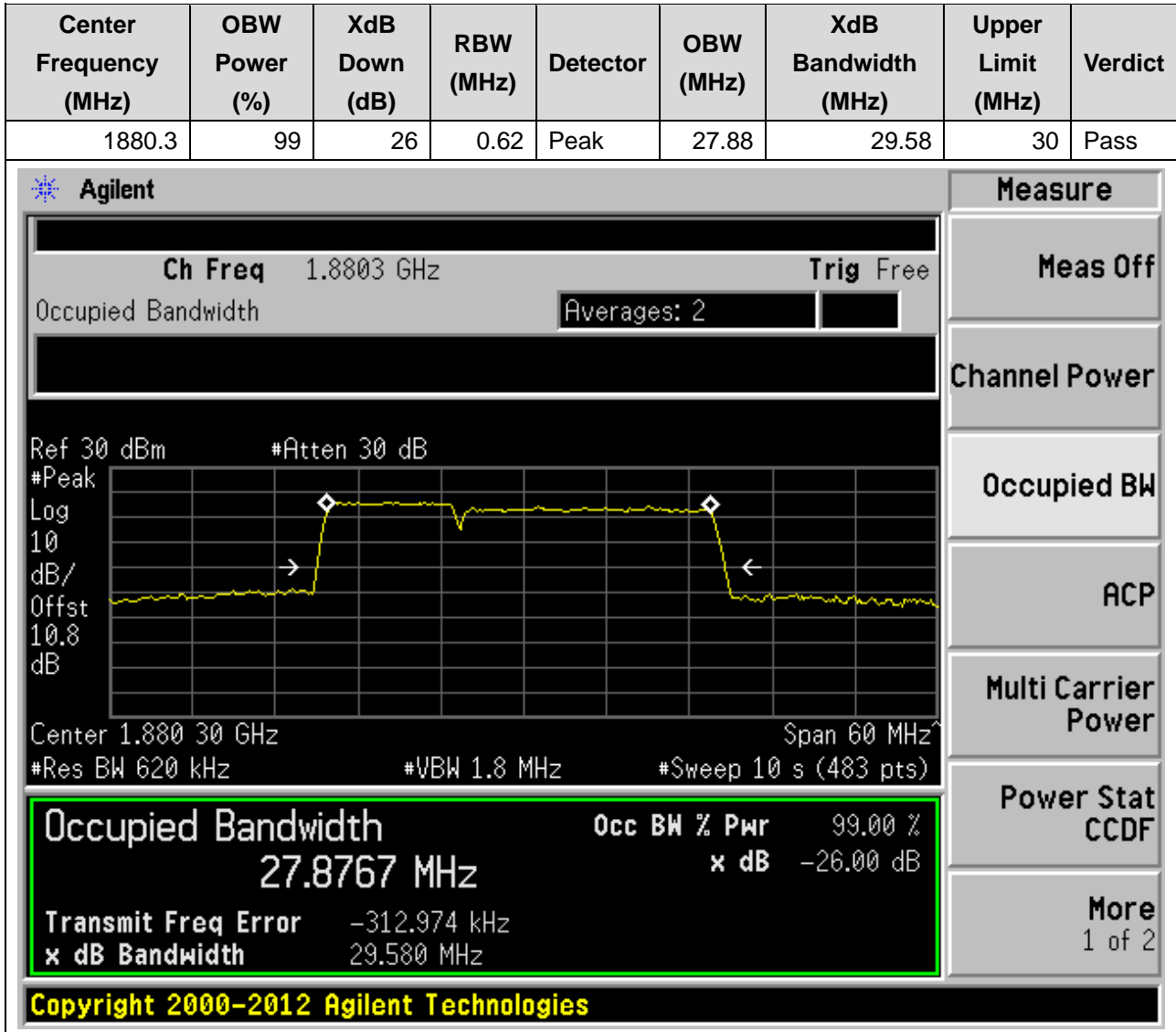
Occupied Bandwidth	Occ BW % Pwr 99.00 %
22.9060 MHz	x dB -26.00 dB
Transmit Freq Error 499.493 kHz	
x dB Bandwidth 24.248 MHz	

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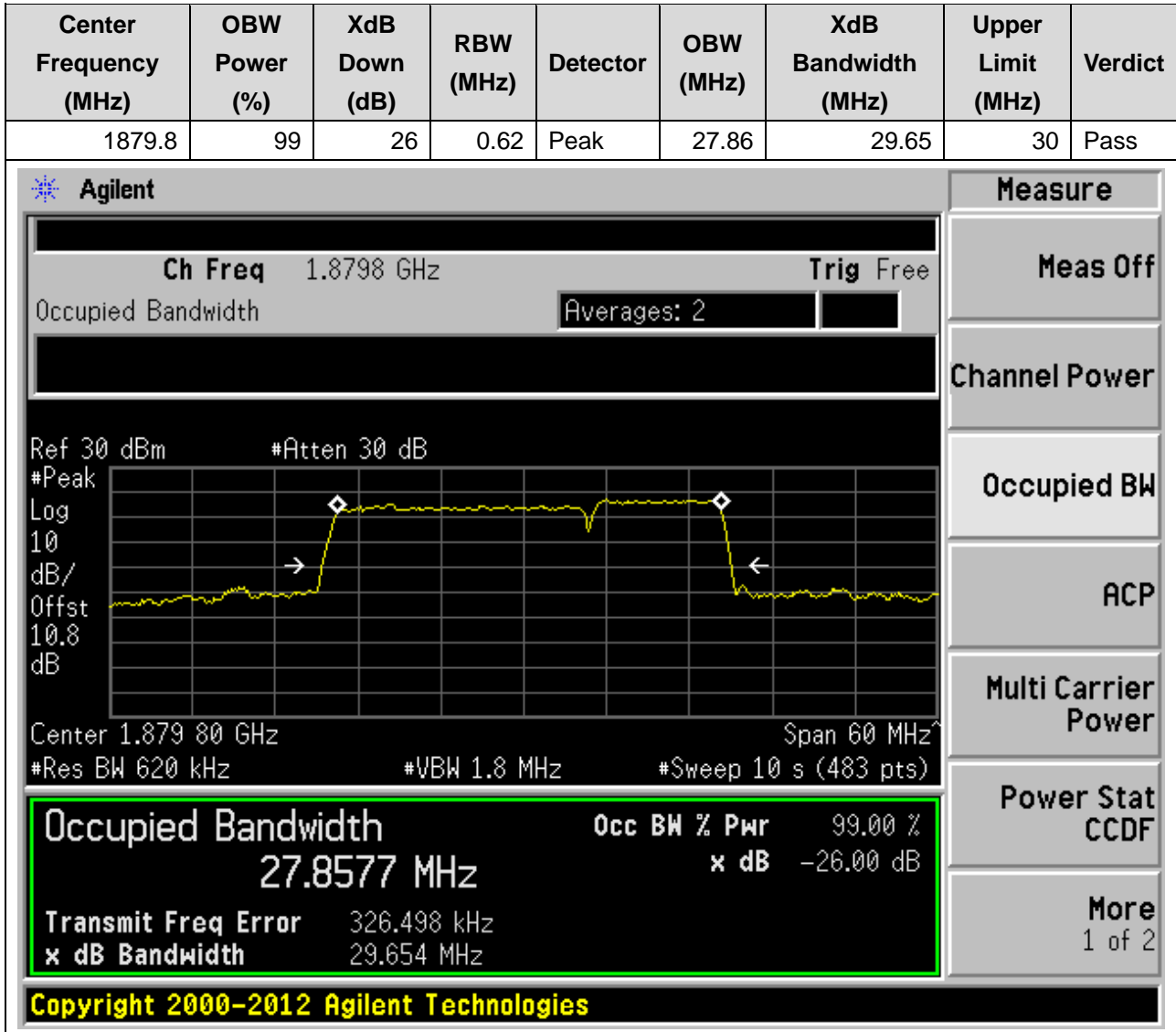
**3.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**3.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

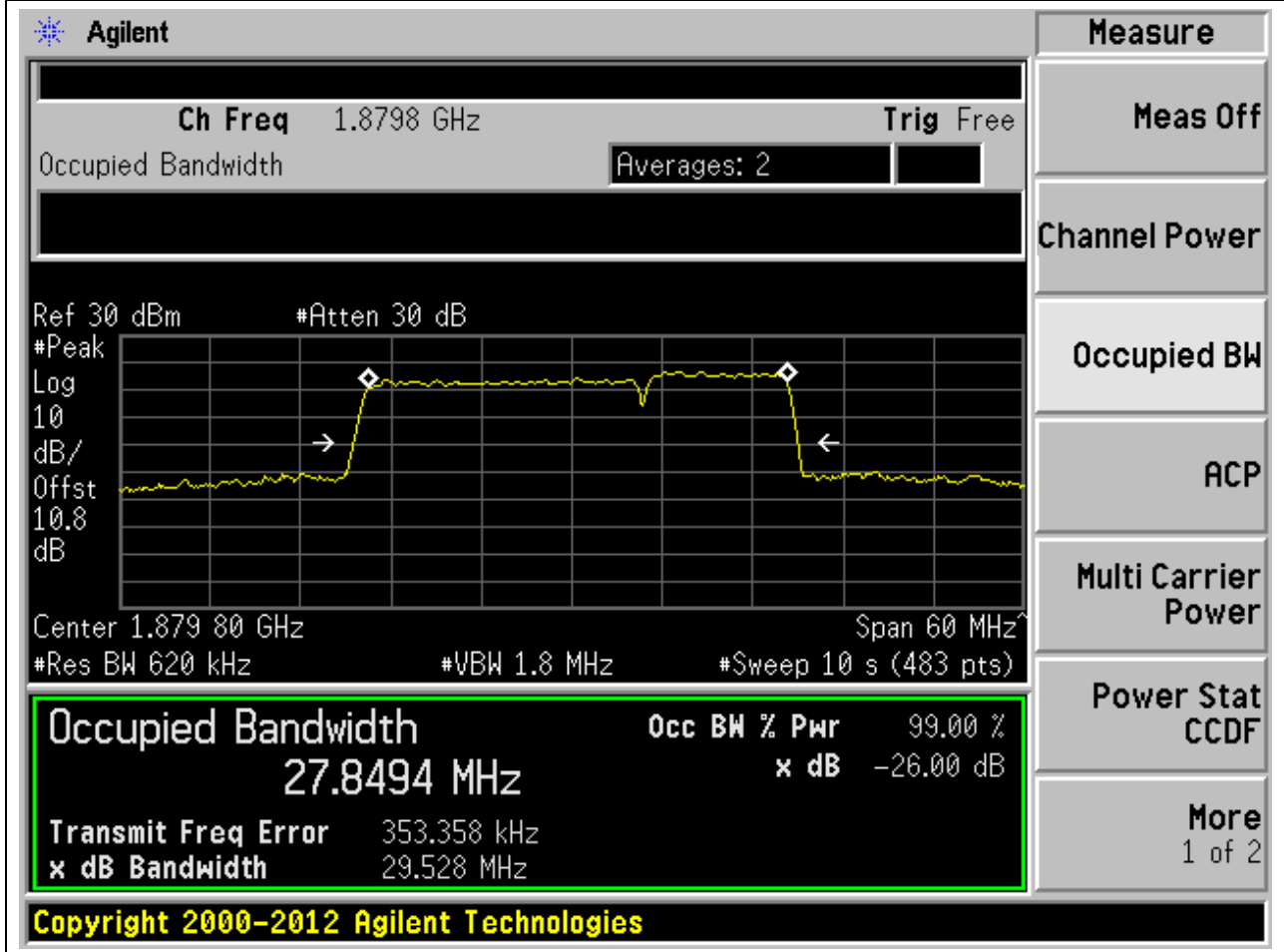


**3.7. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

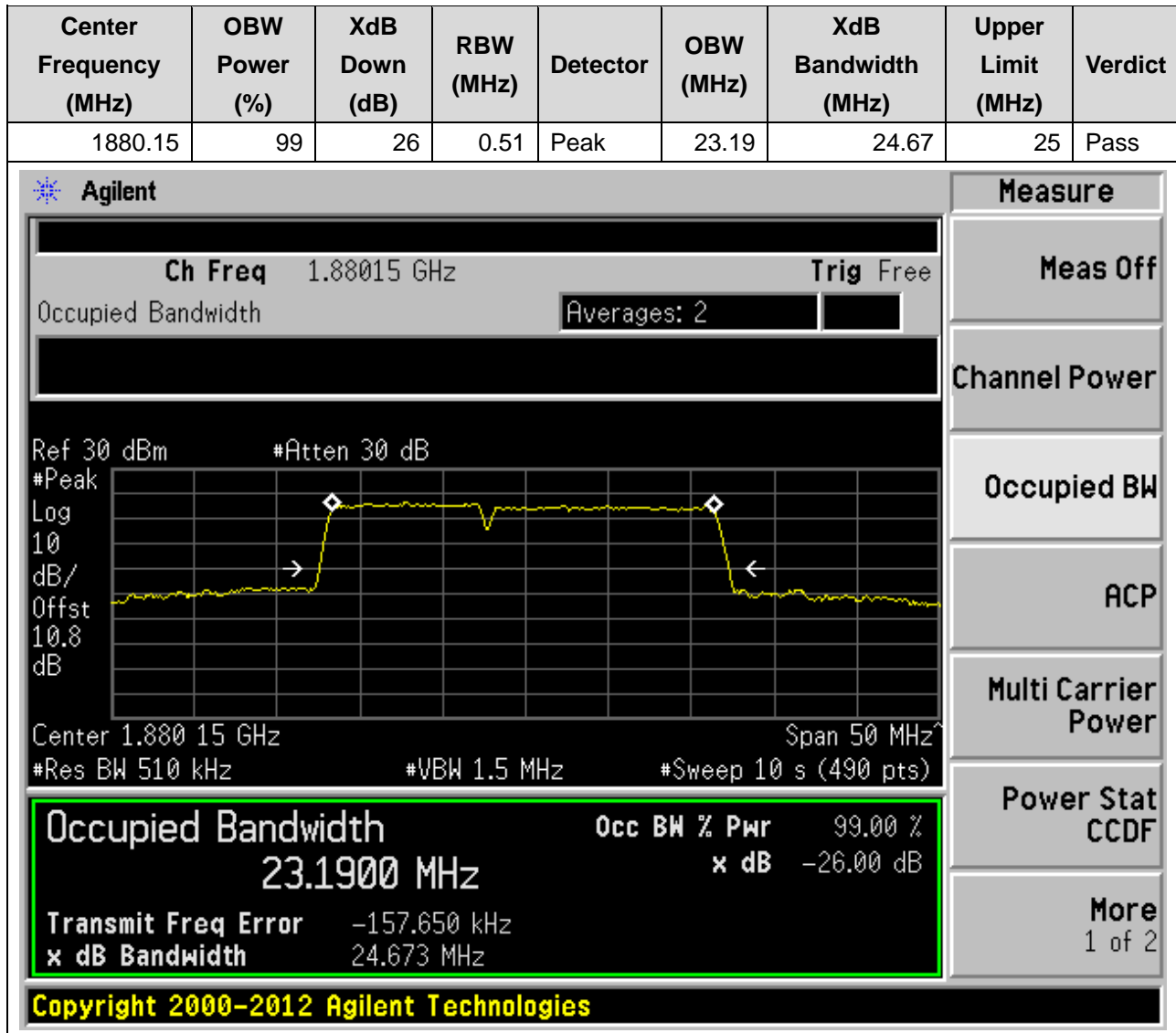


**3.8. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.8	99	26	0.62	Peak	27.85	29.53	30	Pass

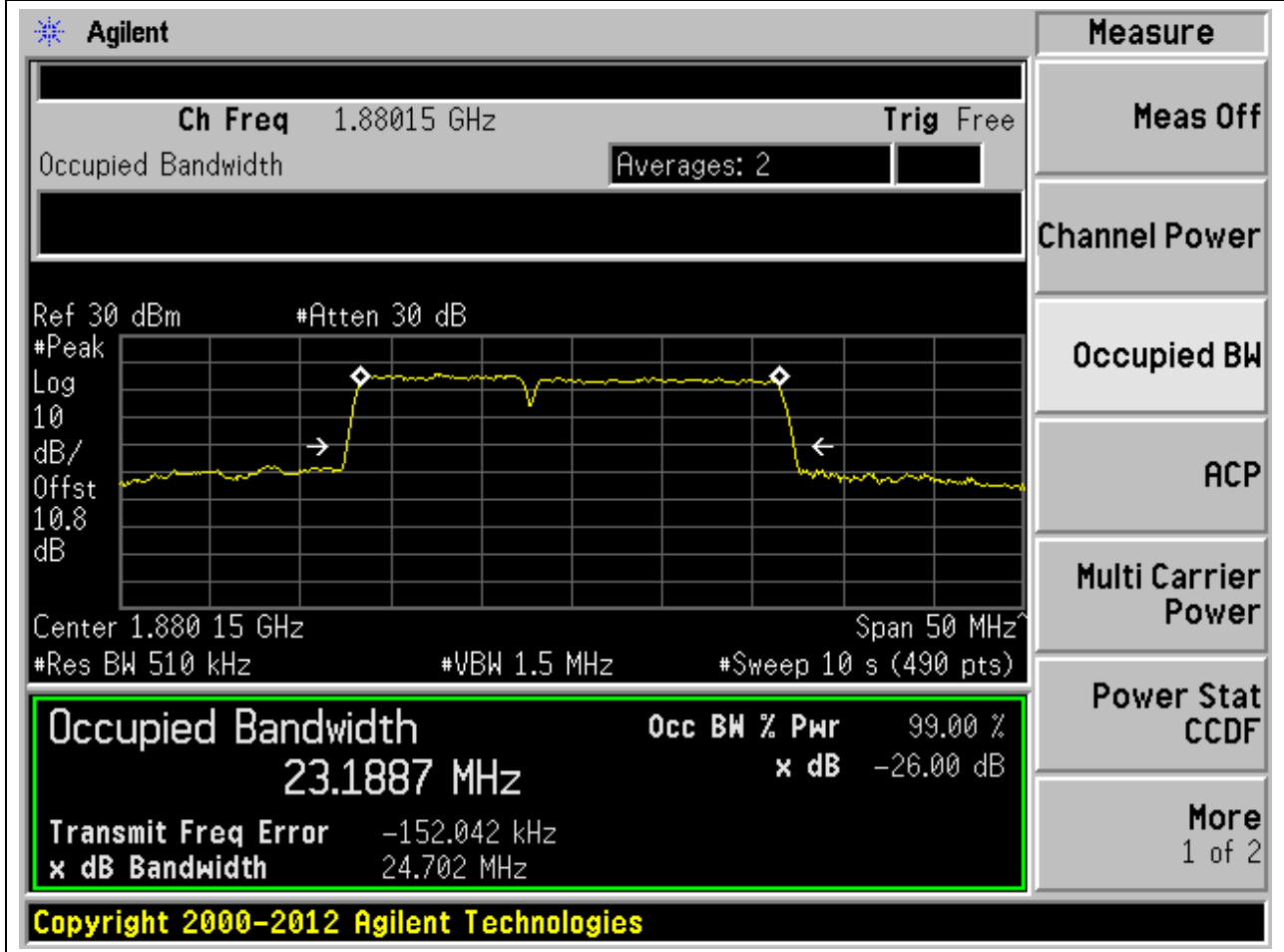


**3.9. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:18829|18949, Bandwidth:10|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**3.10. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:18829|18949, Bandwidth:10|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
1880.15	99	26	0.51	Peak	23.19	24.7	25	Pass



3.11. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11, Channel:18851|18971, Bandwidth:15|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
1879.85	99	26	0.51	Peak	23.22	24.93	25	Pass

Agilent

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

Ch Freq 1.87985 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/

Offst 10.8 dB

Center 1.879 85 GHz Span 50 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
23.2199 MHz	x dB -26.00 dB
Transmit Freq Error 177.359 kHz	
x dB Bandwidth 24.931 MHz	

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**3.12. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:18851|18971, Bandwidth:15|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
1879.85	99	26	0.51	Peak	23.15	24.63	25	Pass

Agilent

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

Ch Freq 1.87985 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.879 85 GHz Span 50 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
23.1500 MHz	x dB -26.00 dB
Transmit Freq Error 179.582 kHz	
x dB Bandwidth 24.632 MHz	

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3.13. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13, Channel:18825|18975, 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
1880	99	26	0.62	Peak	28.4	30.29	30	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

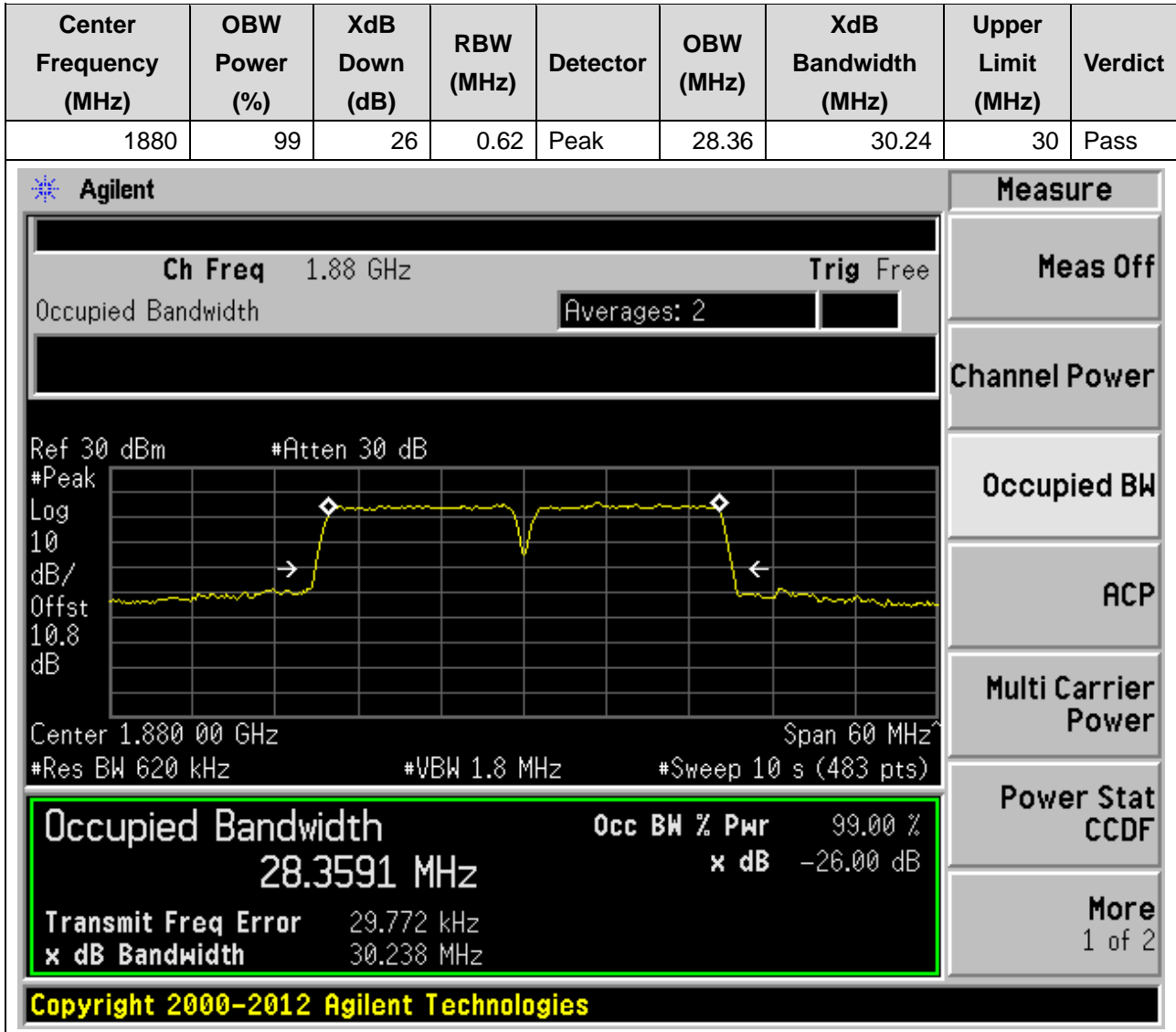
Center 1.880 00 GHz Span 60 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
28.4018 MHz	x dB -26.00 dB
Transmit Freq Error -13.926 kHz	
x dB Bandwidth 30.293 MHz	

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**3.14. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14,
Channel:18825|18975, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**3.15. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15,
Channel:18803|18974, 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
1880.1	99	26	0.68	Peak	32.75	34.78	35	Pass

Agilent

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

Ch Freq 1.8801 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.880 10 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.7492 MHz	x dB -26.00 dB
Transmit Freq Error -118.398 kHz	
x dB Bandwidth 34.776 MHz	

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**3.16. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16,
Channel:18803|18974, 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
1880.1	99	26	0.68	Peak	32.75	34.83	35	Pass

Agilent

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

Ch Freq 1.8801 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.880 10 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7472 MHz	x dB	-26.00 dB
Transmit Freq Error	-135.877 kHz	
x dB Bandwidth	34.834 MHz	

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**3.17. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:17,
Channel:18826|18997, 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
1879.9	99	26	0.68	Peak	32.78	34.98	35	Pass

Agilent

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

Ch Freq 1.8799 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.879 90 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.7756 MHz	x dB -26.00 dB
Transmit Freq Error 176.943 kHz	
x dB Bandwidth 34.980 MHz	

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**3.18. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:18,
Channel:18826|18997, 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
1879.9	99	26	0.68	Peak	32.71	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 1.8799 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.879 90 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.7148 MHz	x dB -26.00 dB
Transmit Freq Error 199.744 kHz	
x dB Bandwidth 34.909 MHz	

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3.19. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:19, Channel:18801|18999, 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
1880	99	26	0.82	Peak	37.72	40.04	40	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.880 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 %
37.7195 MHz	x dB -26.00 dB
Transmit Freq Error 43.845 kHz	
x dB Bandwidth 40.044 MHz	

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**3.20. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:20,
Channel:18801|18999, 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
1880	99	26	0.82	Peak	37.71	40.07	40	Pass

Agilent

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

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.8 dB

Center 1.880 00 GHz Span 80 MHz

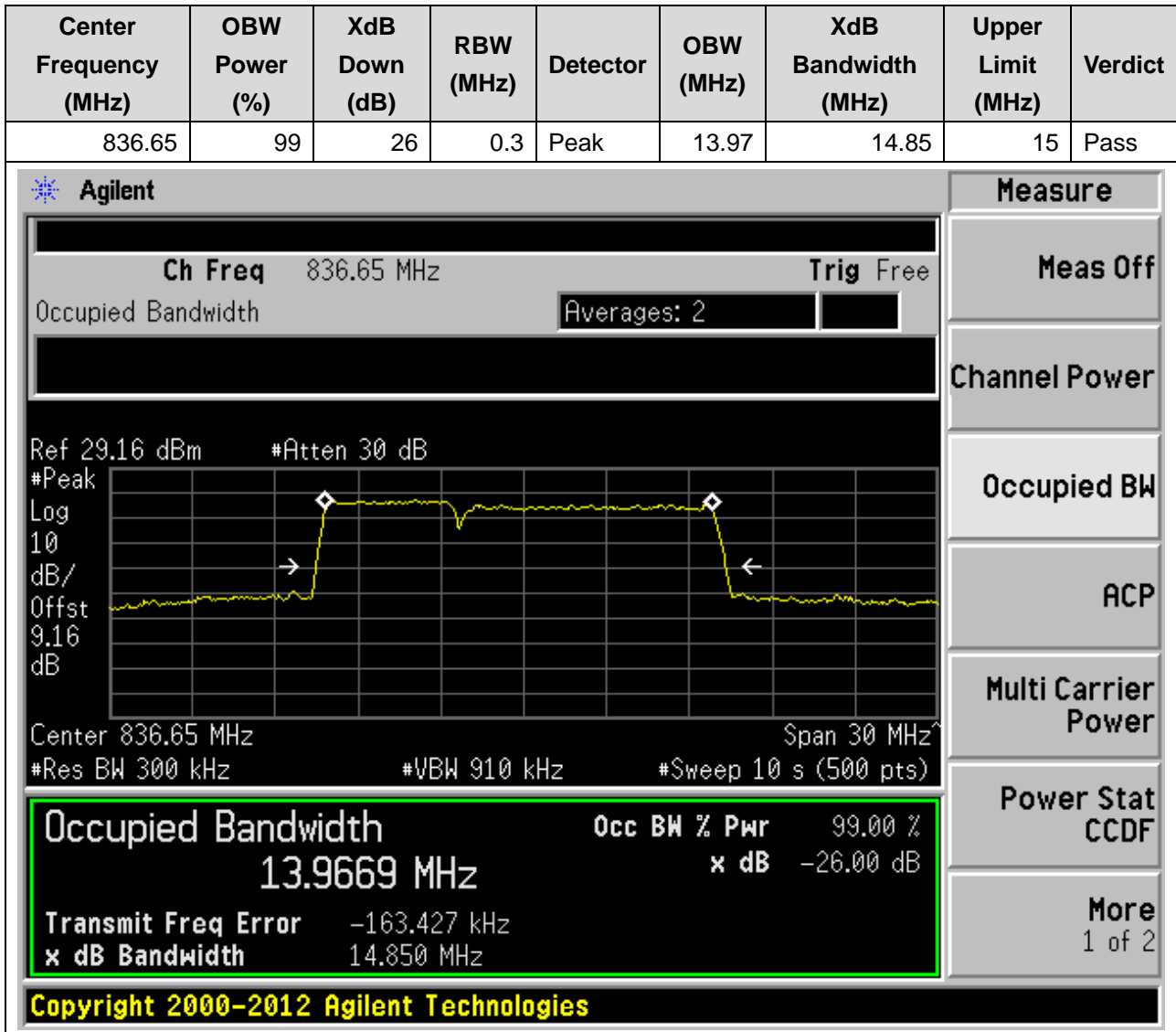
#Res BW 320 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.7064 MHz	x dB	-26.00 dB
Transmit Freq Error	47.589 kHz	
x dB Bandwidth	40.069 MHz	

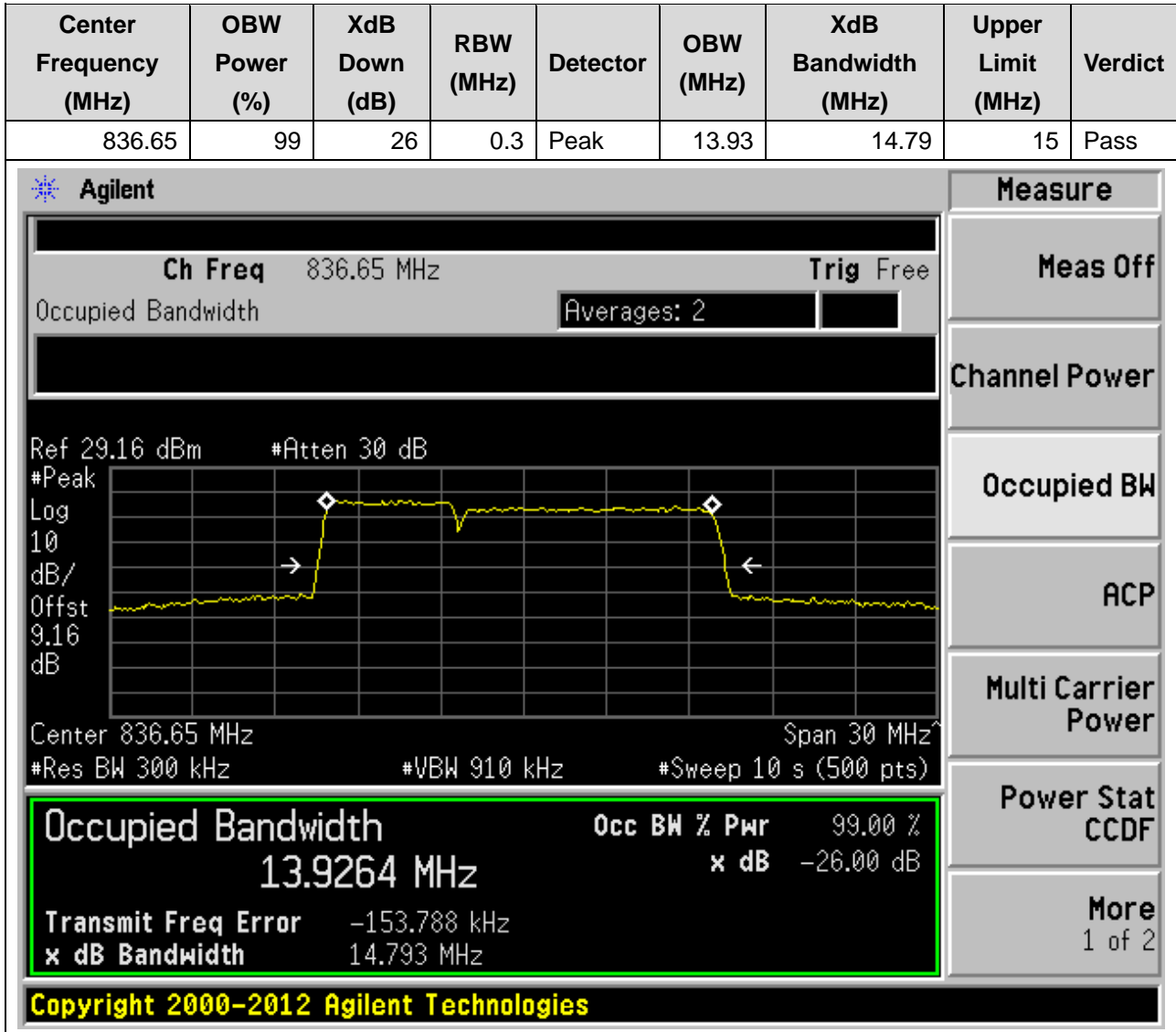
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4. CA_5B

4.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**4.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



4.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3, Channel:20500|20572, Bandwidth:10|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
836.35	99	26	0.3	Peak	13.91	14.82	15	Pass

Agilent

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

Ch Freq 836.35 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.16 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.16 dB

Center 836.35 MHz Span 30 MHz

#Res BW 300 kHz #VBW 910 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.9114 MHz x dB -26.00 dB

Transmit Freq Error 158.294 kHz

x dB Bandwidth 14.816 MHz

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4.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4, Channel:20500|20572, Bandwidth:10|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
836.35	99	26	0.3	Peak	13.94	14.77	15	Pass

Agilent

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

Ch Freq 836.35 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.16 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.16 dB

Center 836.35 MHz Span 30 MHz

#Res BW 300 kHz #VBW 910 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

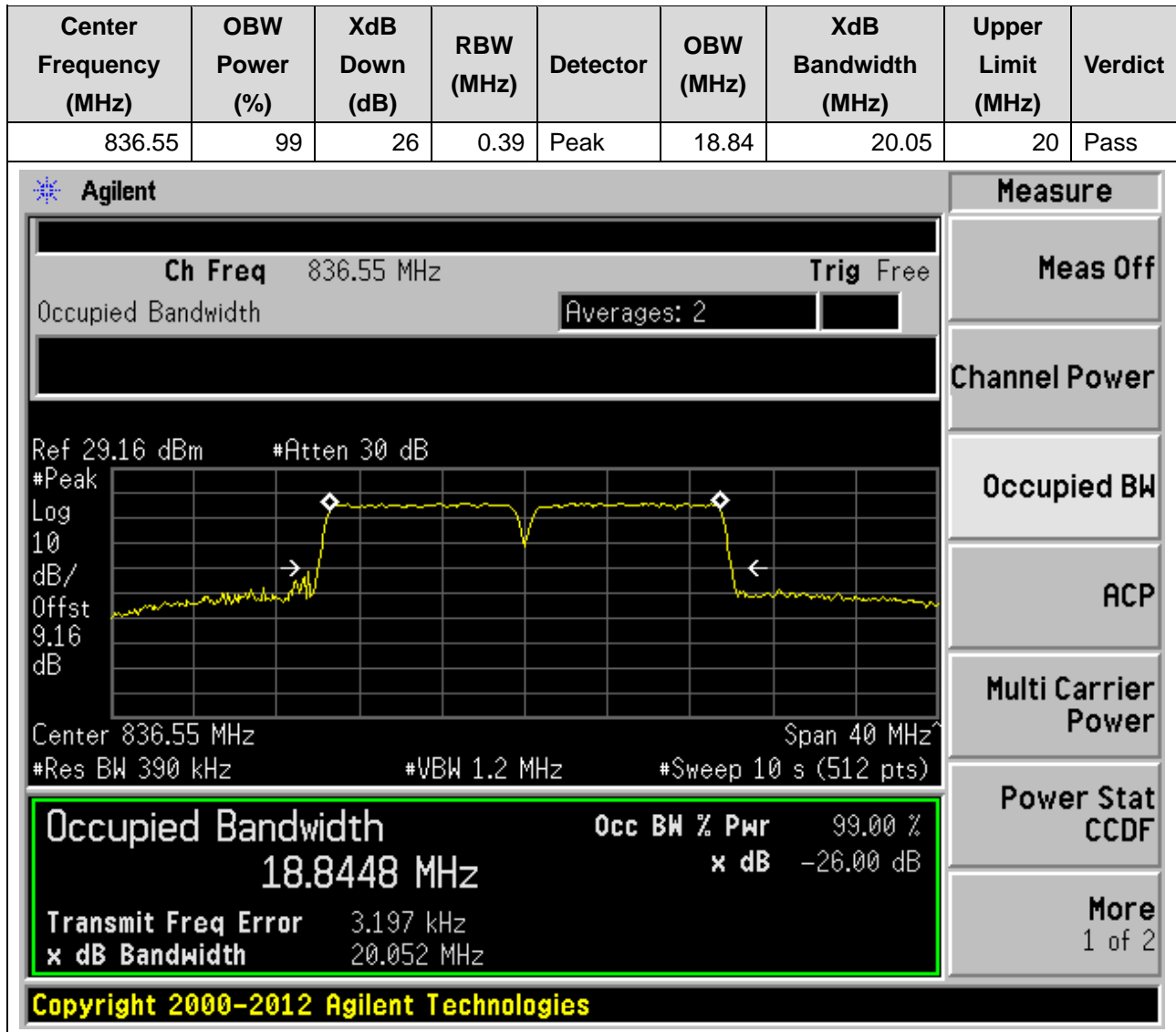
13.9397 MHz x dB -26.00 dB

Transmit Freq Error 155.388 kHz

x dB Bandwidth 14.771 MHz

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4.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5, Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**4.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:20476|20575, Bandwidth:10|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
836.55	99	26	0.39	Peak	18.83	20.05	20	Pass

Agilent

Measure

Ch Freq 836.55 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.16 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.16

dB

Center 836.55 MHz
Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
18.8332 MHz	x dB -26.00 dB
Transmit Freq Error	5.938 kHz
x dB Bandwidth	20.053 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

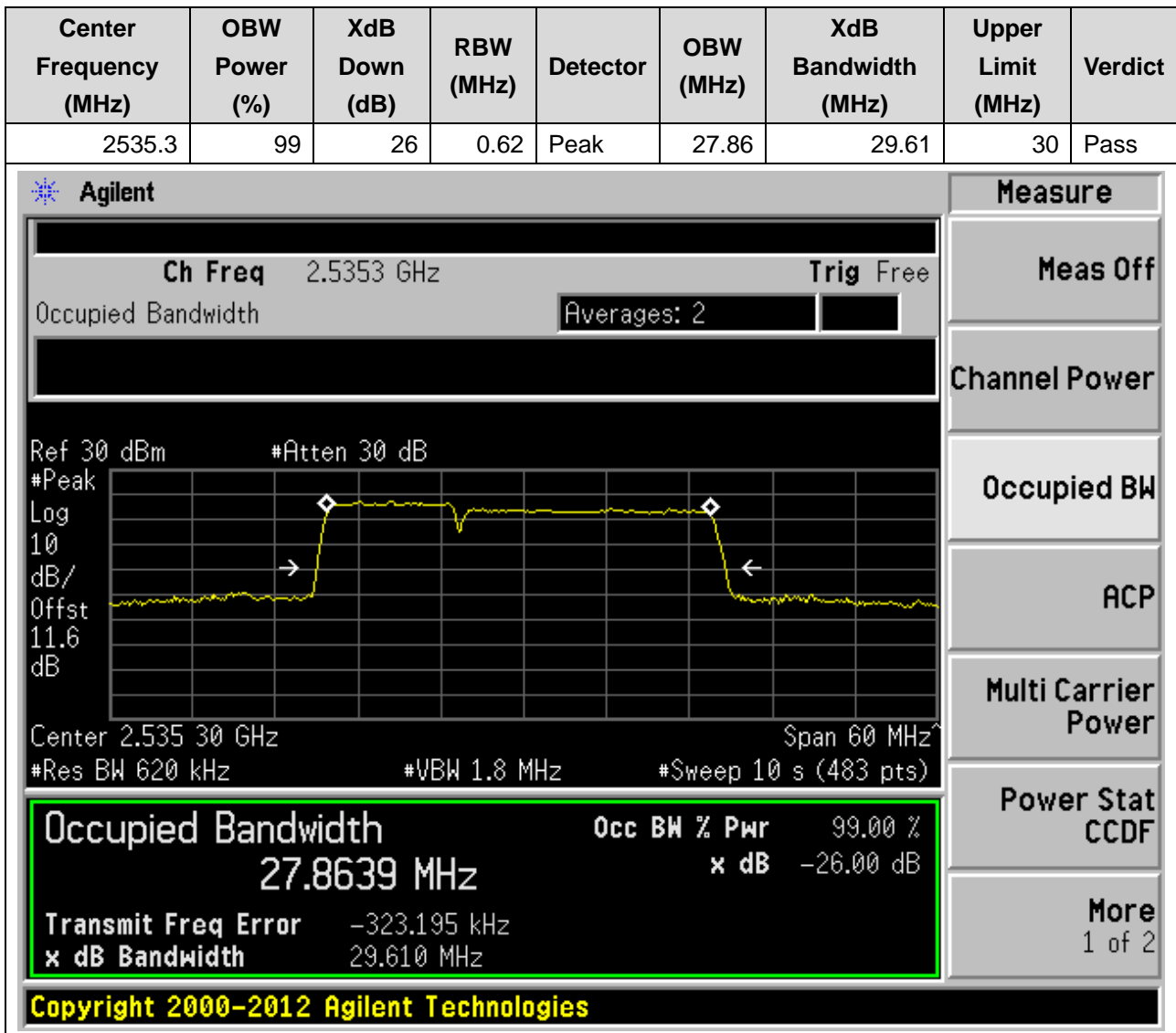
Power Stat CCDF

More
1 of 2

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5. CA_7C

5.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**5.2. LTE-A Occupied Bandwidth_Part22-24-27(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	27.86	29.58	30	Pass

Agilent

Measure

Ch Freq 2.5353 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.535 30 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	Occ BW % Pwr 99.00 %
27.8628 MHz	x dB -26.00 dB
Transmit Freq Error -340.615 kHz	
x dB Bandwidth 29.576 MHz	

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**5.3. LTE-A Occupied Bandwidth_Part22-24-27(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	27.89	29.69	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
11.6

dB

Center 2.534 80 GHz
Span 60 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
27.8888 MHz	x dB -26.00 dB
Transmit Freq Error	314.381 kHz
x dB Bandwidth	29.690 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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**5.4. LTE-A Occupied Bandwidth_Part22-24-27(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	27.85	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 2.5348 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.534 80 GHz Span 60 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.8467 MHz x dB -26.00 dB

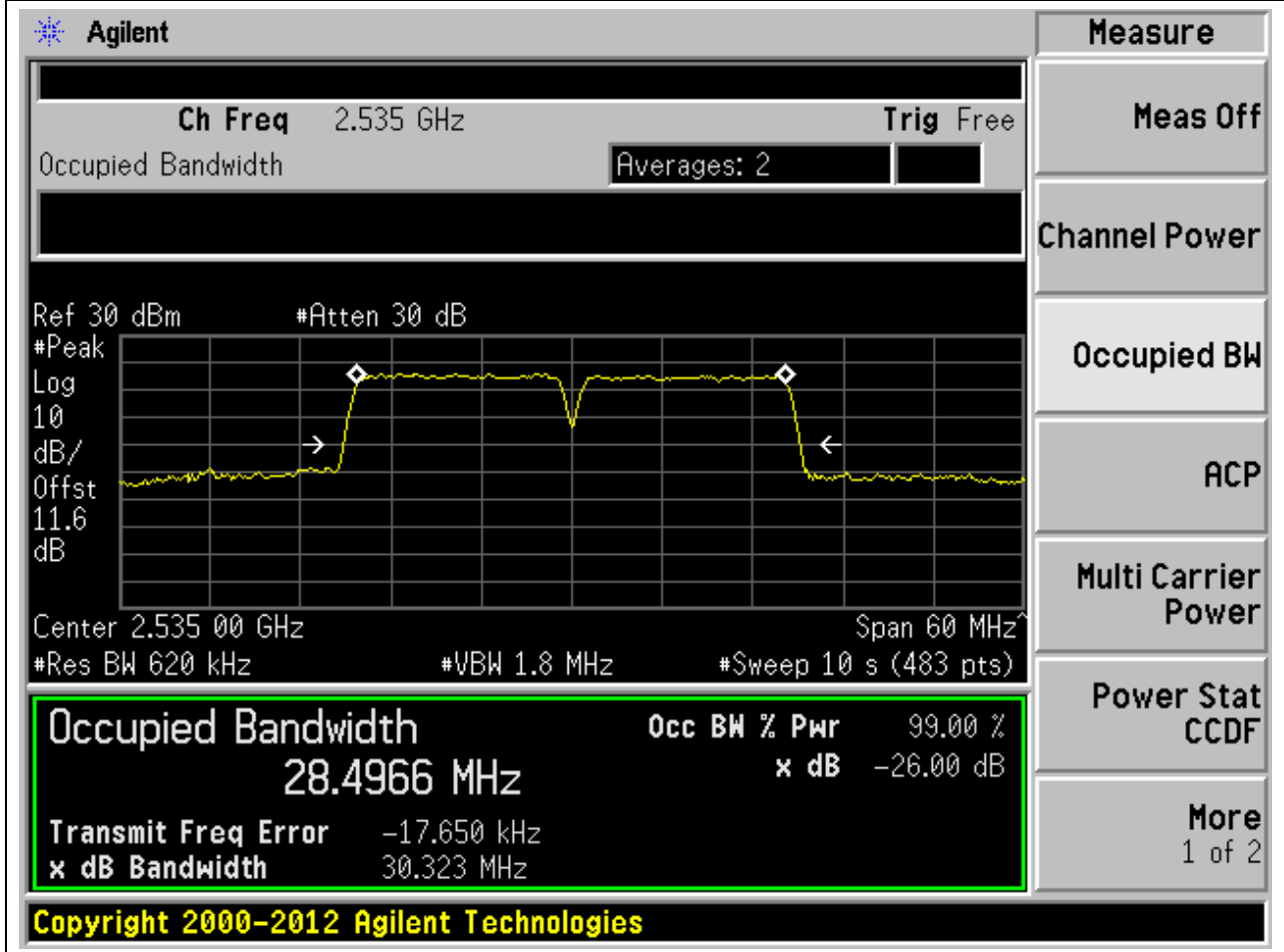
Transmit Freq Error 343.101 kHz

x dB Bandwidth 29.554 MHz

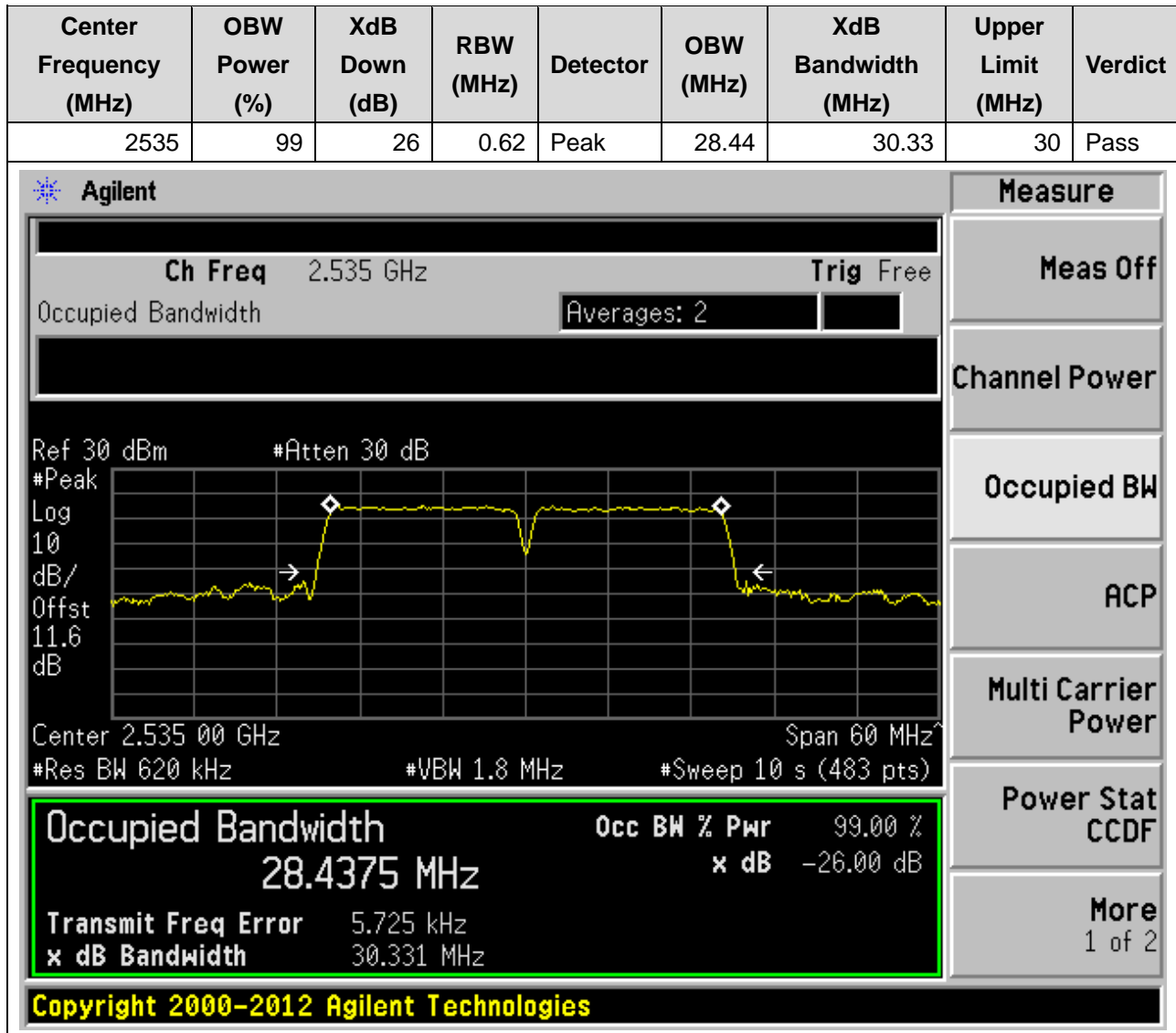
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**5.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

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	28.5	30.32	30	Pass



**5.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**5.7. LTE-A Occupied Bandwidth_Part22-24-27(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	32.72	34.7	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 11.6 dB

Center 2.535 10 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	Occ BW % Pwr 99.00 %
32.7198 MHz	x dB -26.00 dB
Transmit Freq Error -205.008 kHz	
x dB Bandwidth 34.695 MHz	

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**5.8. LTE-A Occupied Bandwidth_Part22-24-27(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	32.7	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 2.5351 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.535 10 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.6983 MHz	x dB -26.00 dB
Transmit Freq Error -153.116 kHz	
x dB Bandwidth 34.770 MHz	

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**5.9. LTE-A Occupied Bandwidth_Part22-24-27(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	32.79	34.85	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

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.534 90 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.7916 MHz	x dB -26.00 dB
Transmit Freq Error	147.705 kHz
x dB Bandwidth	34.854 MHz

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**5.10. LTE-A Occupied Bandwidth_Part22-24-27(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	32.76	34.71	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

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.534 90 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.7570 MHz	x dB -26.00 dB
Transmit Freq Error 159.544 kHz	
x dB Bandwidth 34.711 MHz	

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5.11. LTE-A Occupied Bandwidth_Part22-24-27(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	37.76	40.1	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 11.6 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 %

37.7613 MHz x dB -26.00 dB

Transmit Freq Error 21.283 kHz

x dB Bandwidth 40.101 MHz

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**5.12. LTE-A Occupied Bandwidth_Part22-24-27(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	37.75	40.01	40	Pass

Agilent

Measure

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.535 00 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

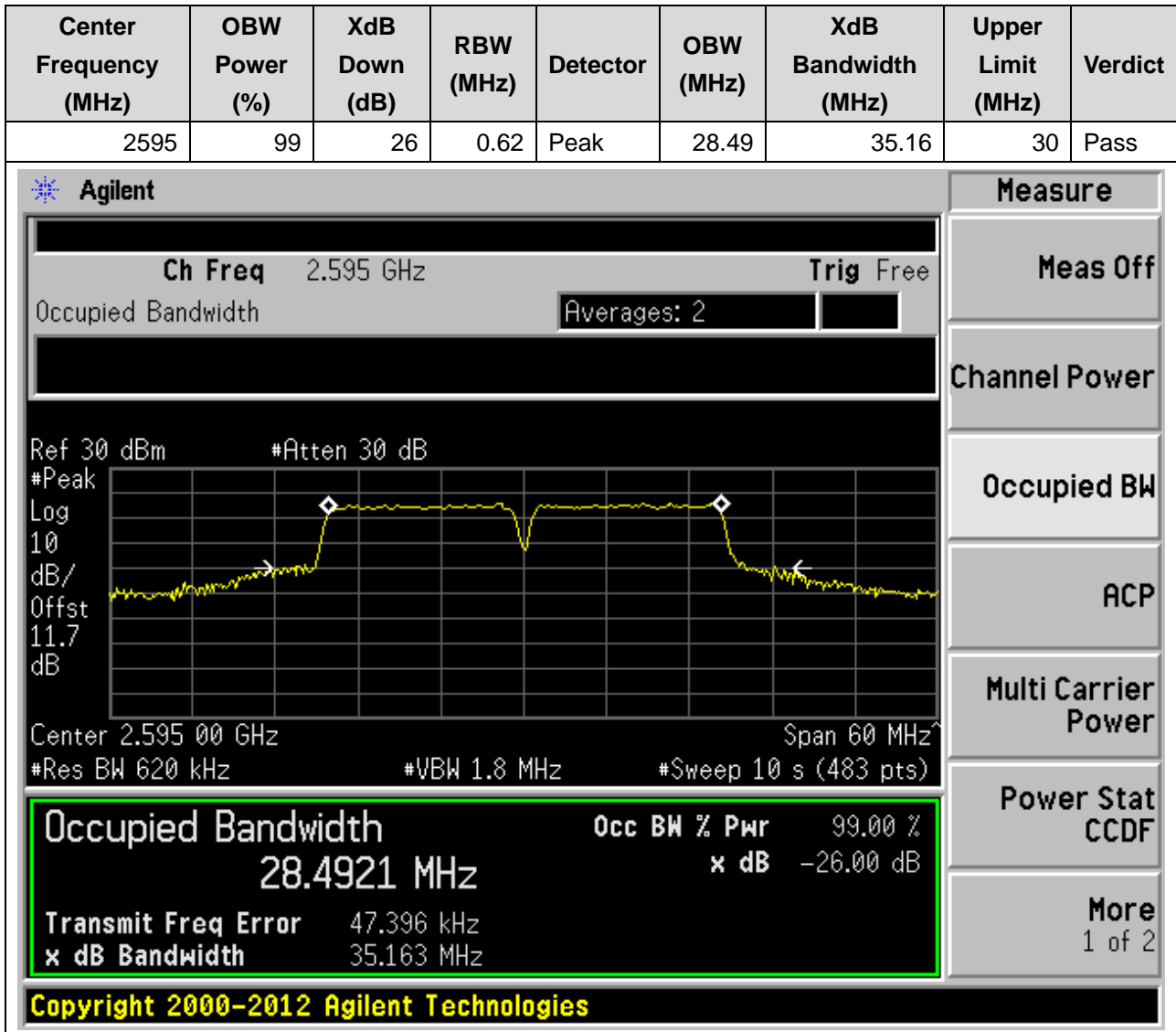
More 1 of 2

Occupied Bandwidth	Occ BW % Pwr 99.00 %
37.7522 MHz	x dB -26.00 dB
Transmit Freq Error 40.575 kHz	
x dB Bandwidth 40.007 MHz	

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2. CA_38C

2.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**2.2. LTE-A Occupied Bandwidth_Part22-24-27(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	28.42	37.61	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 11.7 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 %

28.4246 MHz x dB -26.00 dB

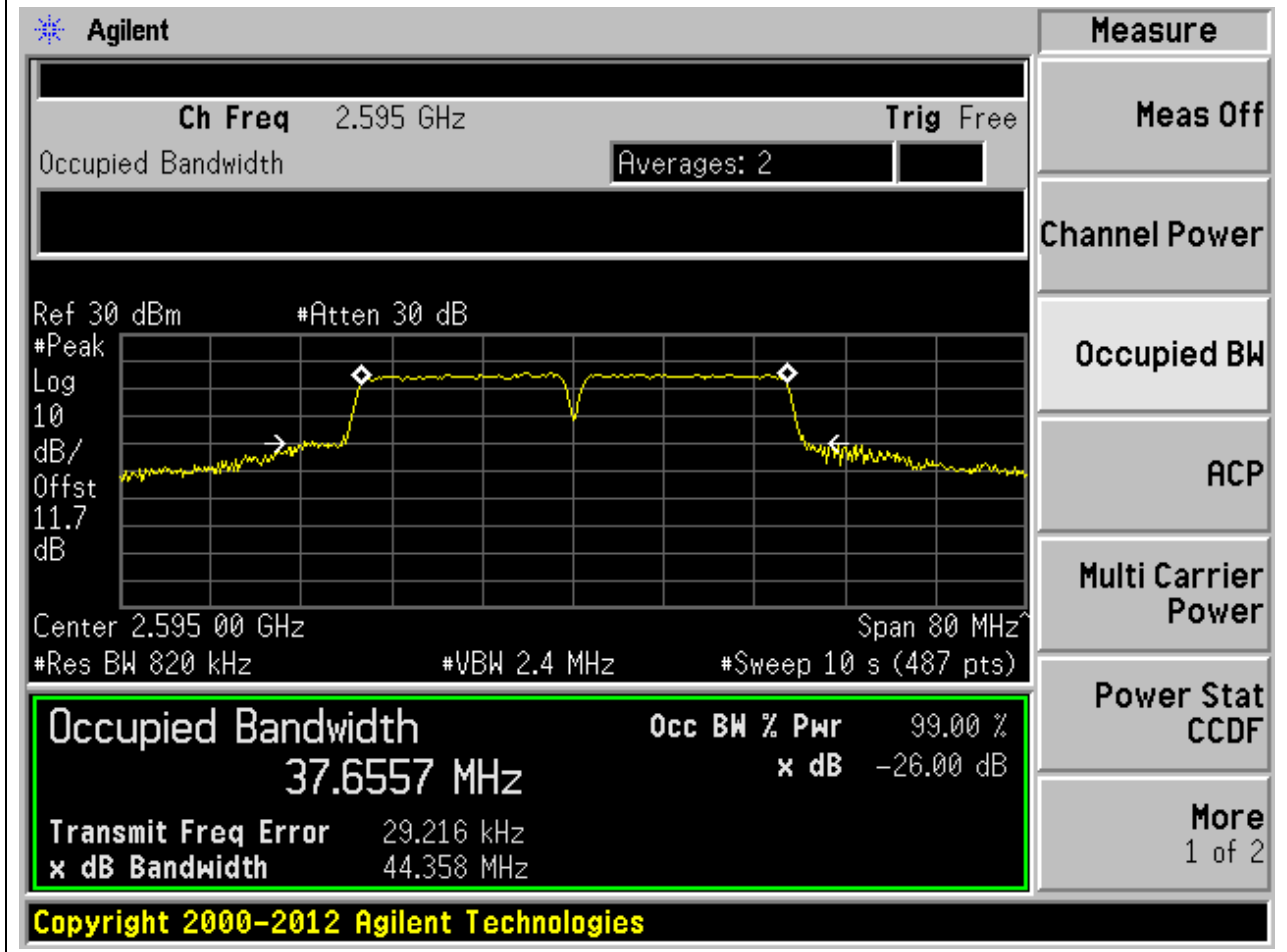
Transmit Freq Error 12.434 kHz

x dB Bandwidth 37.609 MHz

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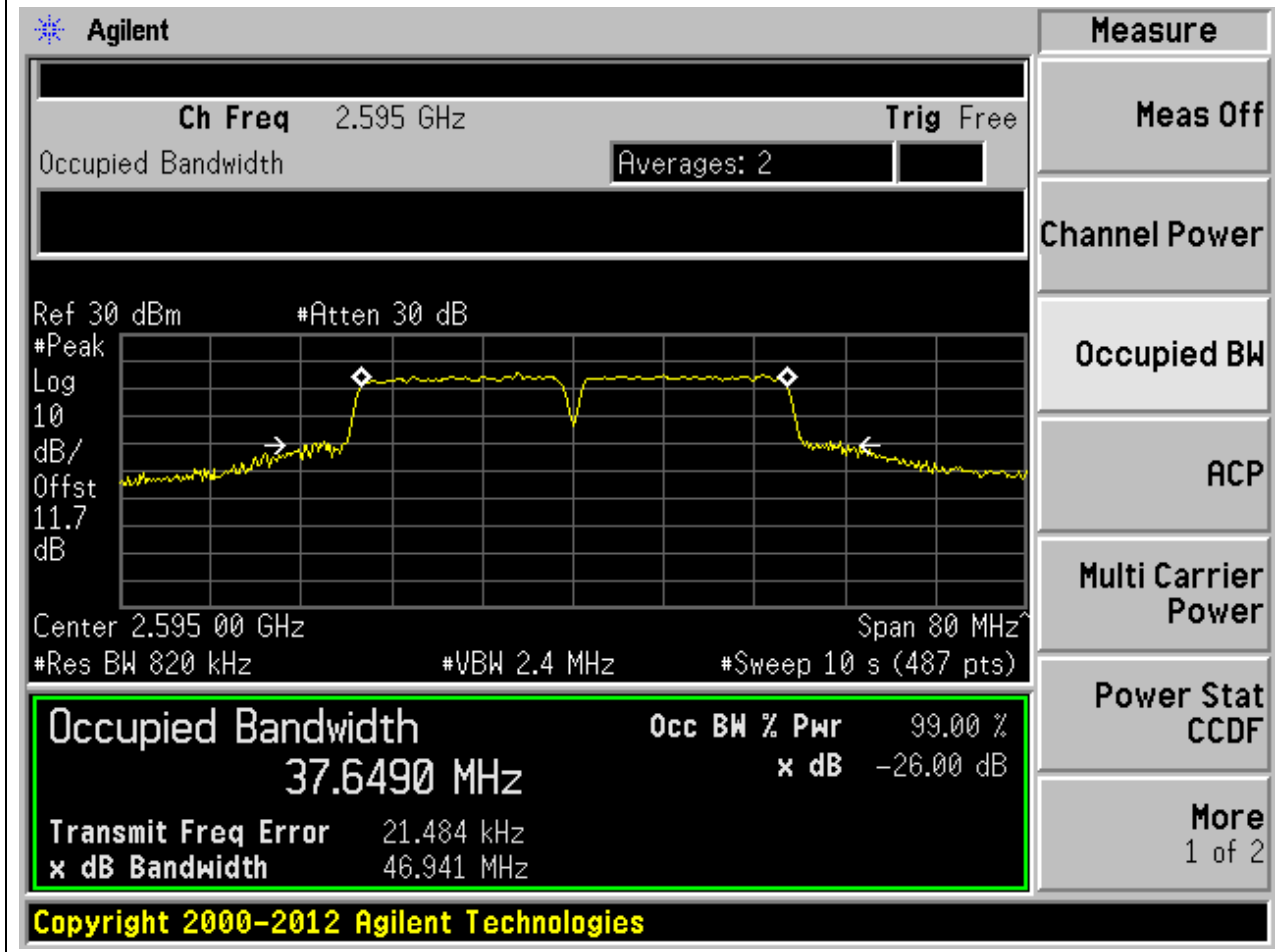
2.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

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	37.66	44.36	40	Pass



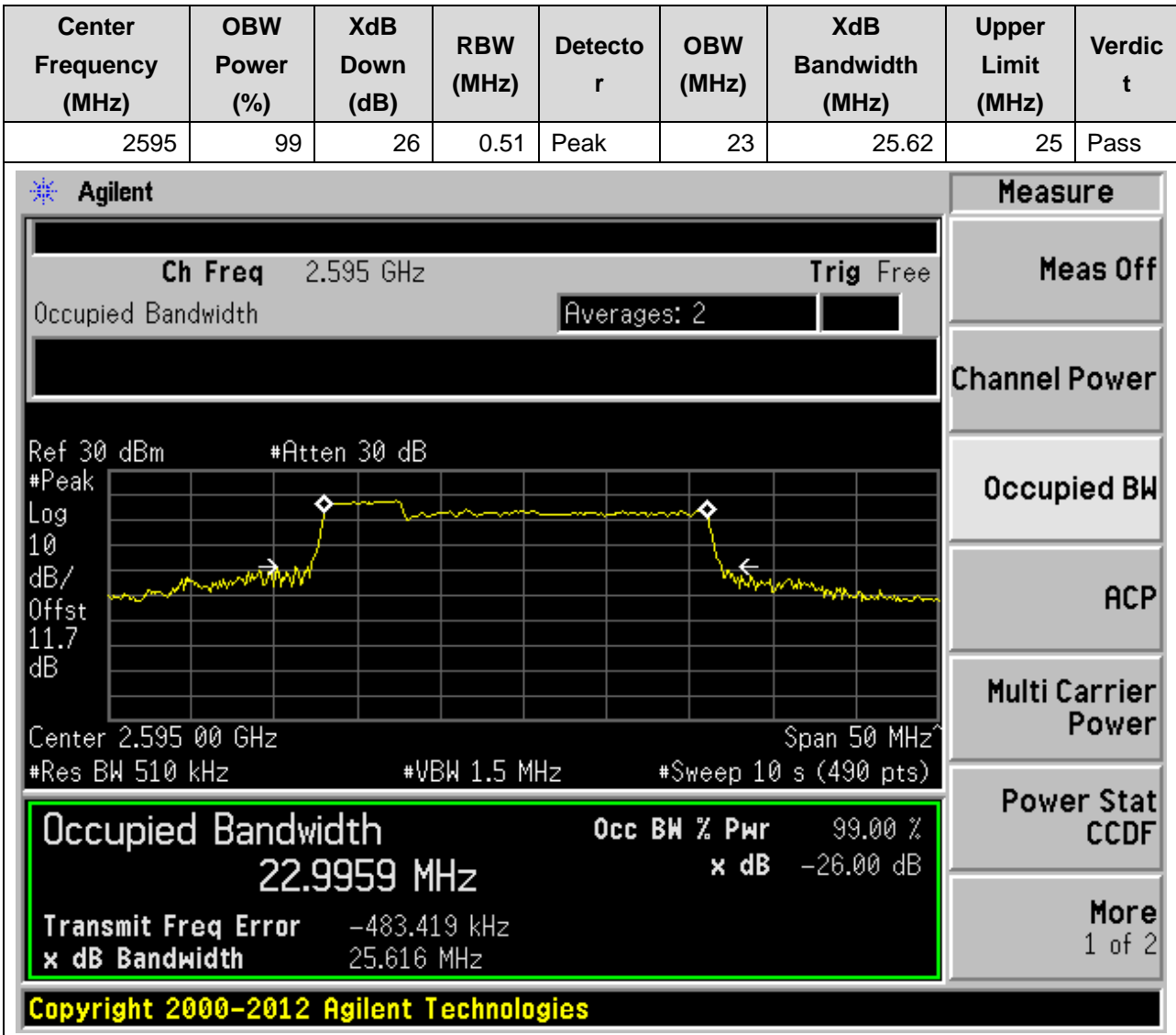
**2.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

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	37.65	46.94	40	Pass



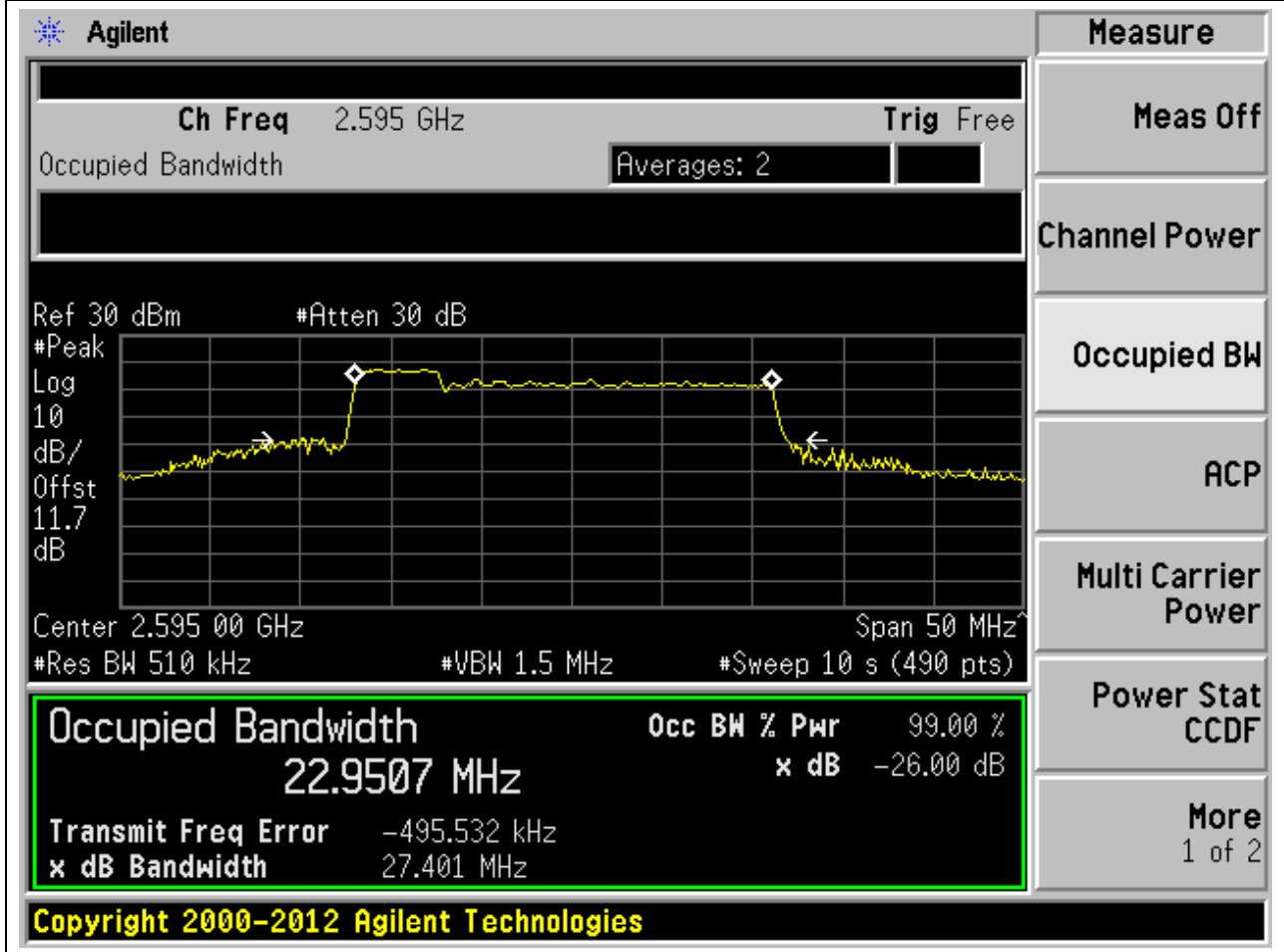
1. CA_41C_2535-2655

1.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:40544|40661, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



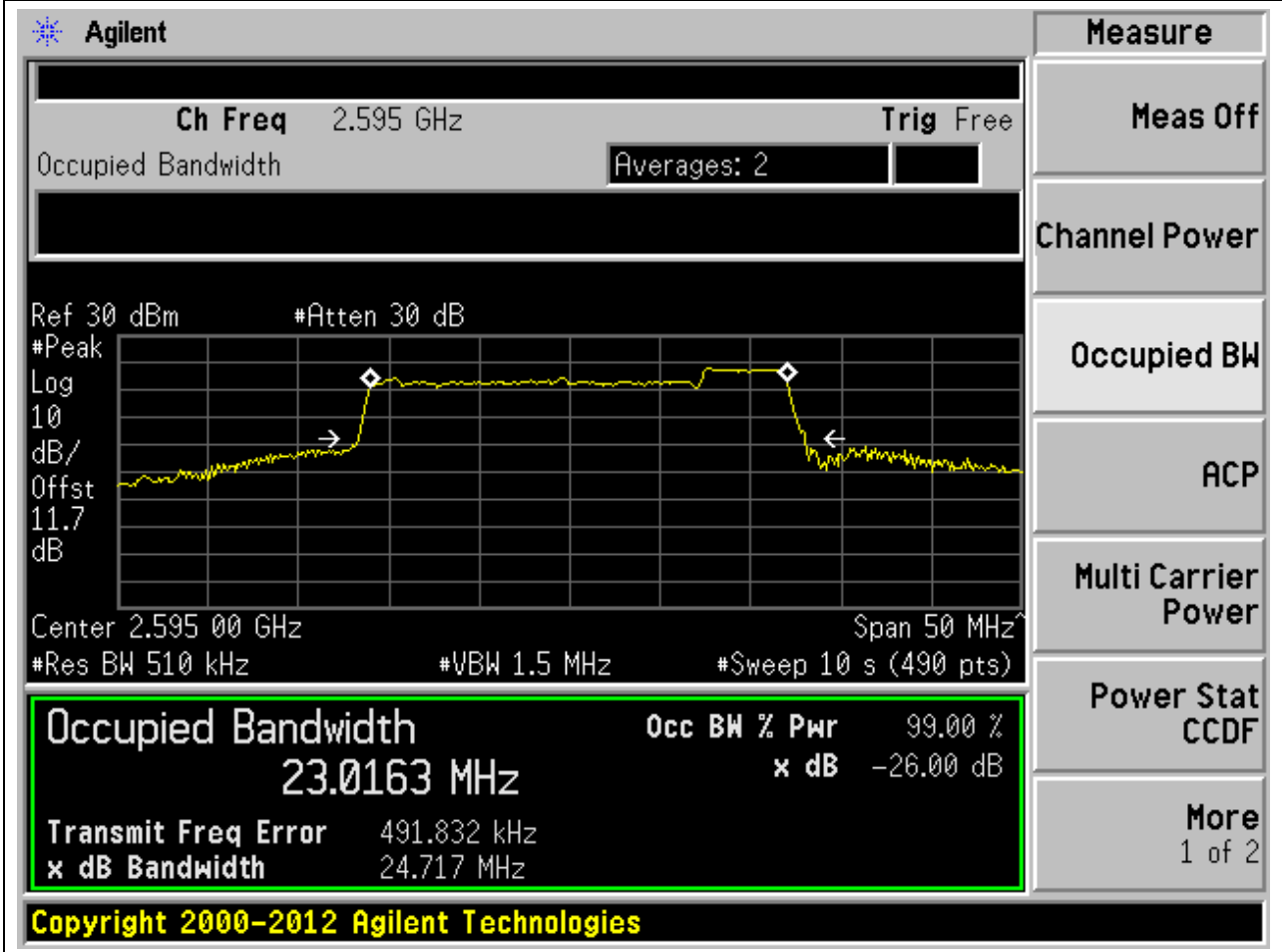
**1.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:40544|40661, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.51	Peak	22.95	27.4	25	Pass



1.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3, Channel:40619|40736, 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
2595	99	26	0.51	Peak	23.02	24.72	25	Pass



**1.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:40619|40736, 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
2595	99	26	0.51	Peak	22.94	24.24	25	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 11.7 dB

Center 2.595 00 GHz Span 50 MHz

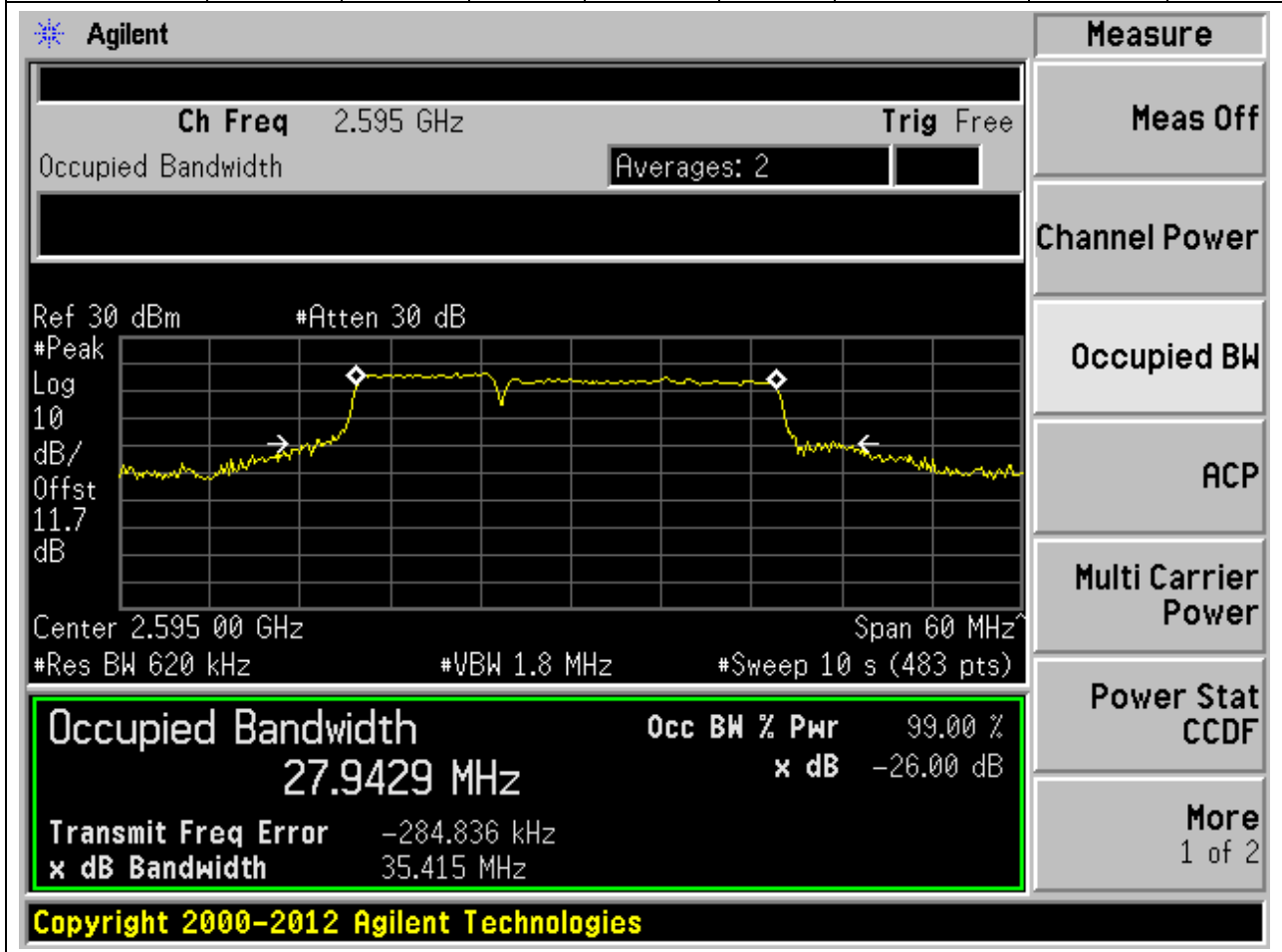
#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
22.9422 MHz	x dB	-26.00 dB
Transmit Freq Error	520.514 kHz	
x dB Bandwidth	24.236 MHz	

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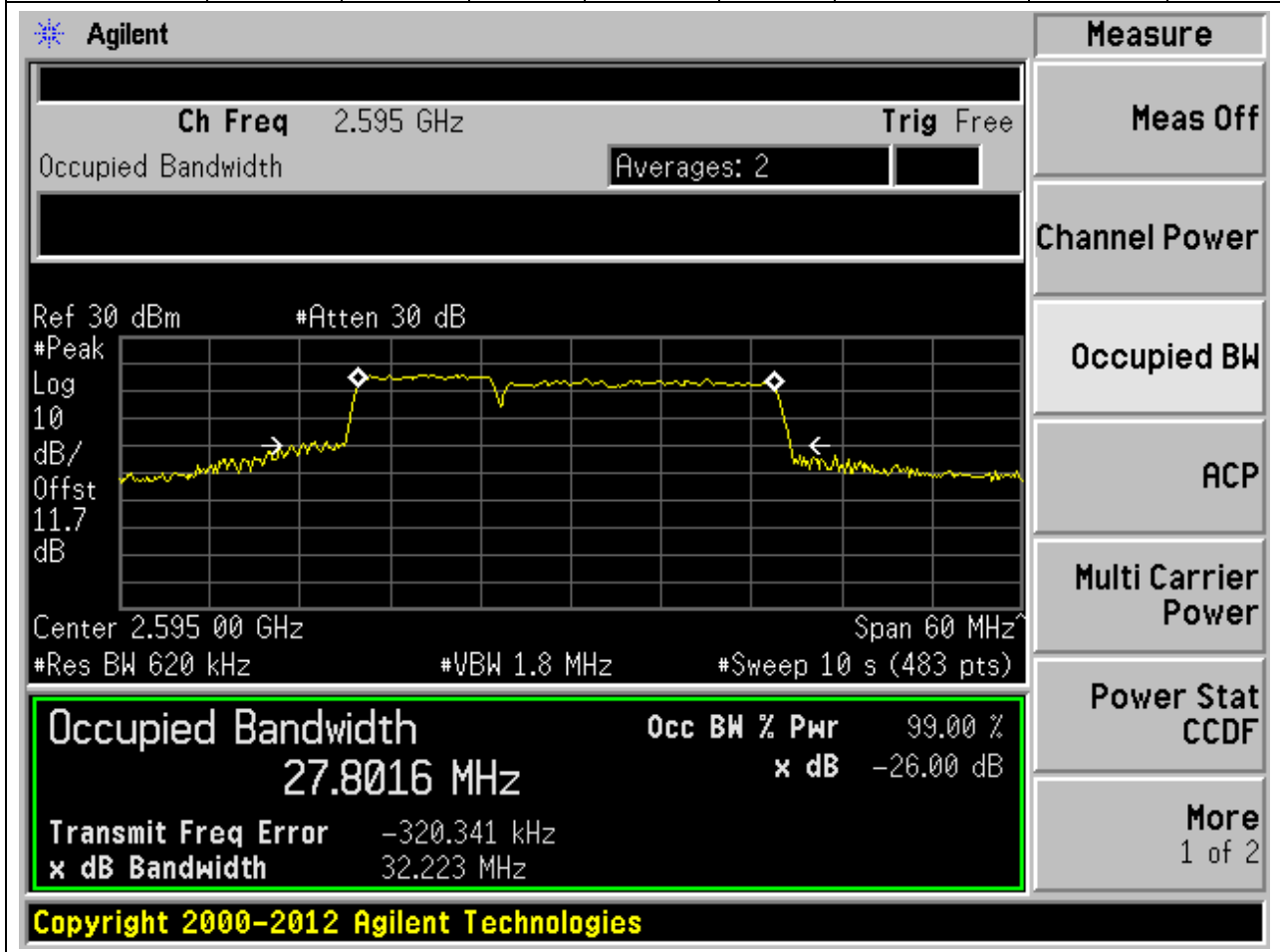
**1.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	27.94	35.42	30	Pass



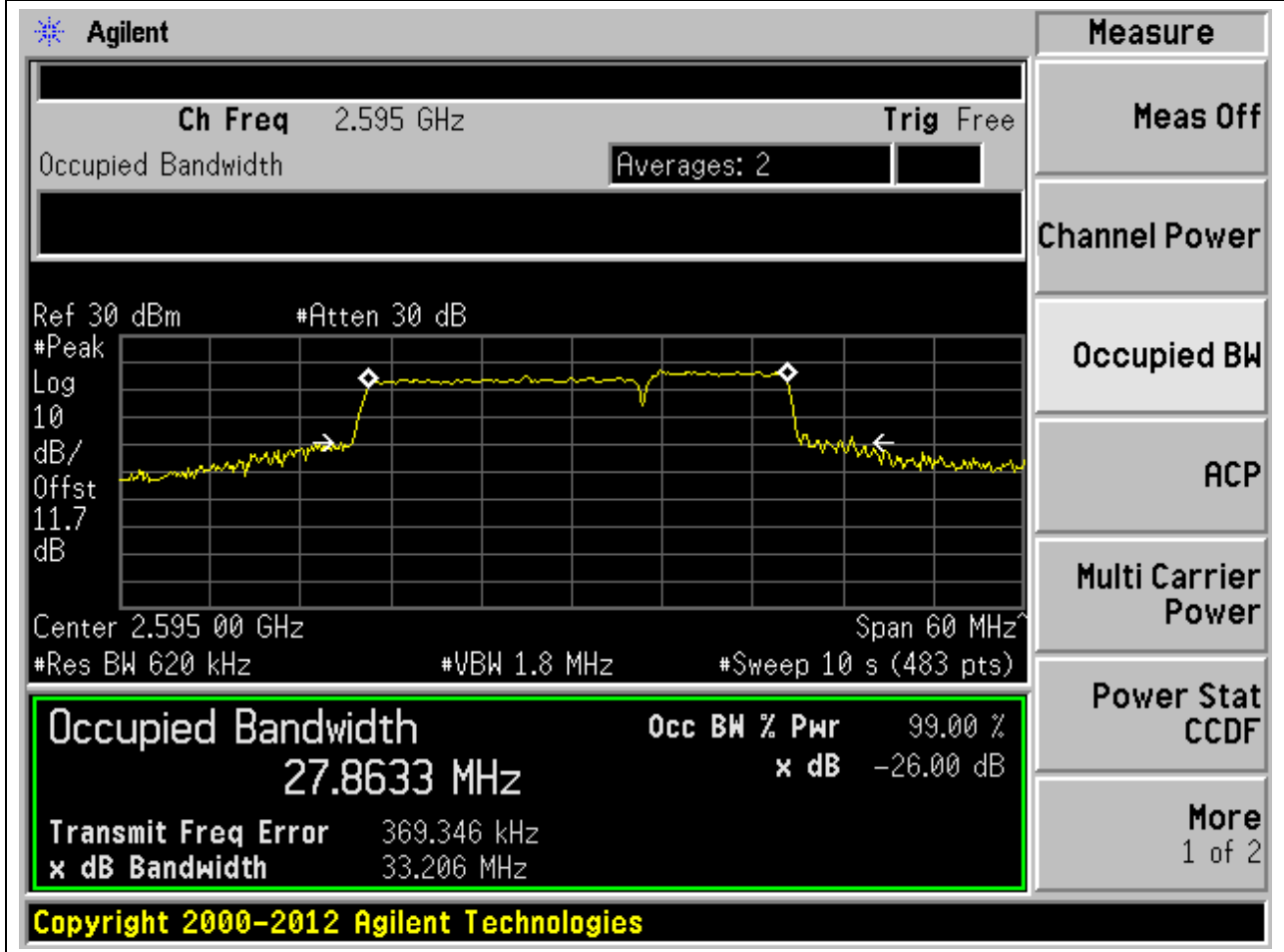
1.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	27.8	32.22	30	Pass



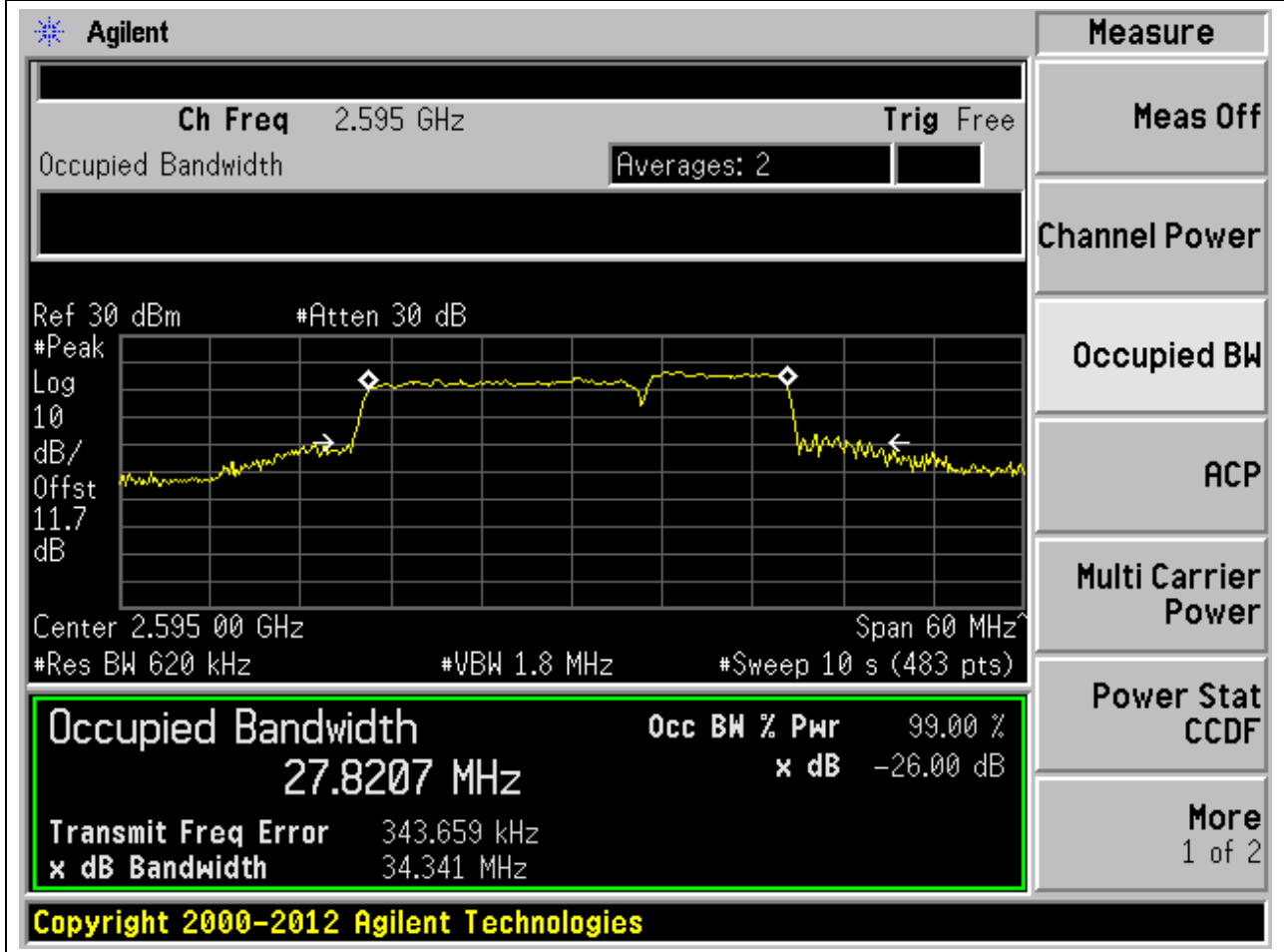
1.7. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:40593|40737, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	27.86	33.21	30	Pass



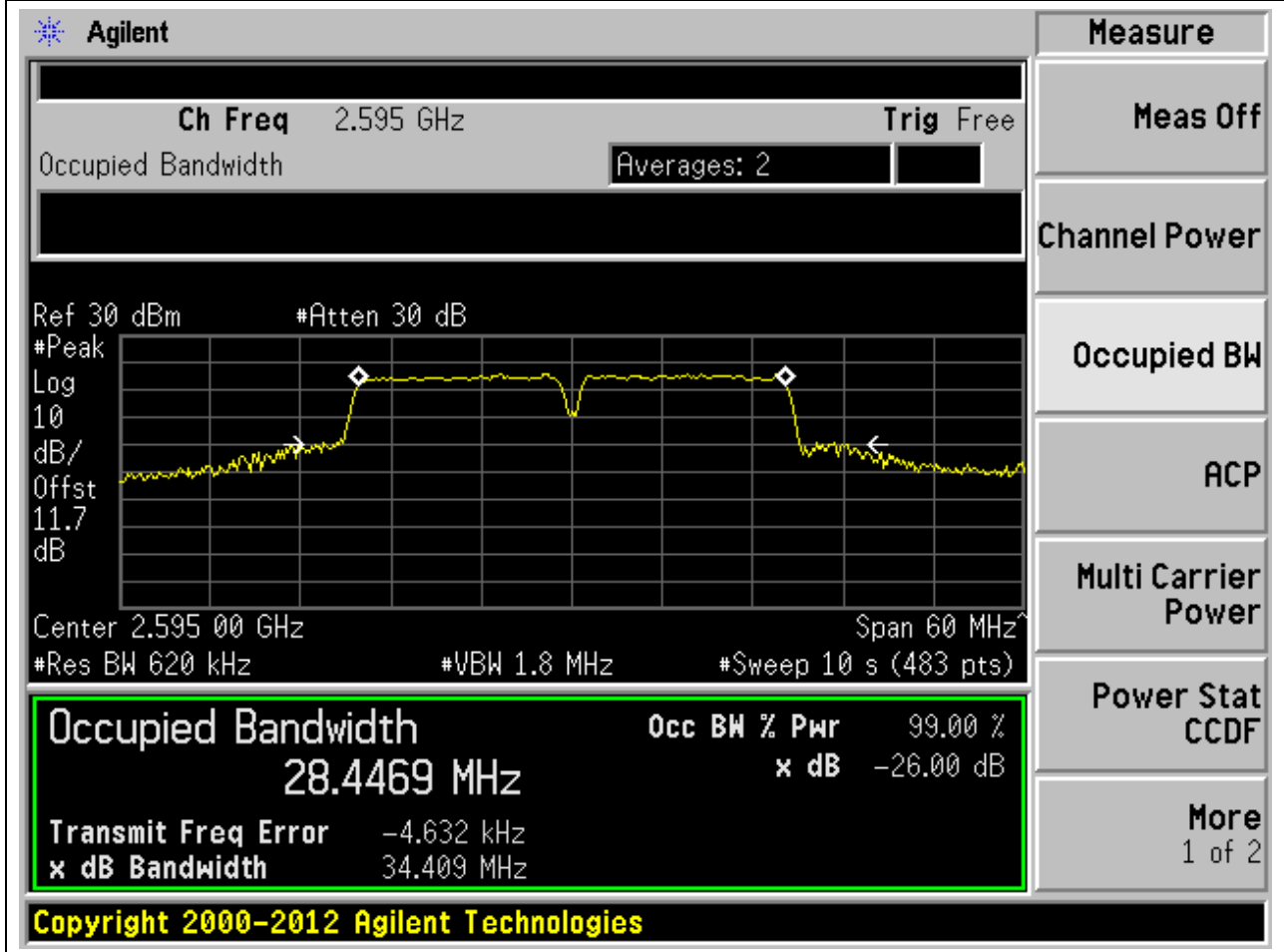
1.8. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
 Channel:40593|40737, Bandwidth:20|10MHz, Modulation:16QAM, RB
 Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	27.82	34.34	30	Pass



**1.9. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:40565|40715, 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
2595	99	26	0.62	Peak	28.45	34.41	30	Pass



**1.10. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:40565|40715, 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	28.42	37.28	30	Pass

Agilent

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

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.7 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 %
28.4177 MHz	x dB -26.00 dB
Transmit Freq Error 7.879 kHz	
x dB Bandwidth 37.276 MHz	

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1.11. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11,
 Channel:40542|40713, 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
2595	99	26	0.68	Peak	32.67	41.74	35	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 11.7 dB

Center 2.595 00 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

32.6731 MHz

Transmit Freq Error -139.502 kHz

x dB Bandwidth 41.741 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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1.12. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
 Channel:40542|40713, 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
2595	99	26	0.68	Peak	32.72	43.27	35	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 11.7 dB

Center 2.595 00 GHz Span 70 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.7242 MHz x dB -26.00 dB

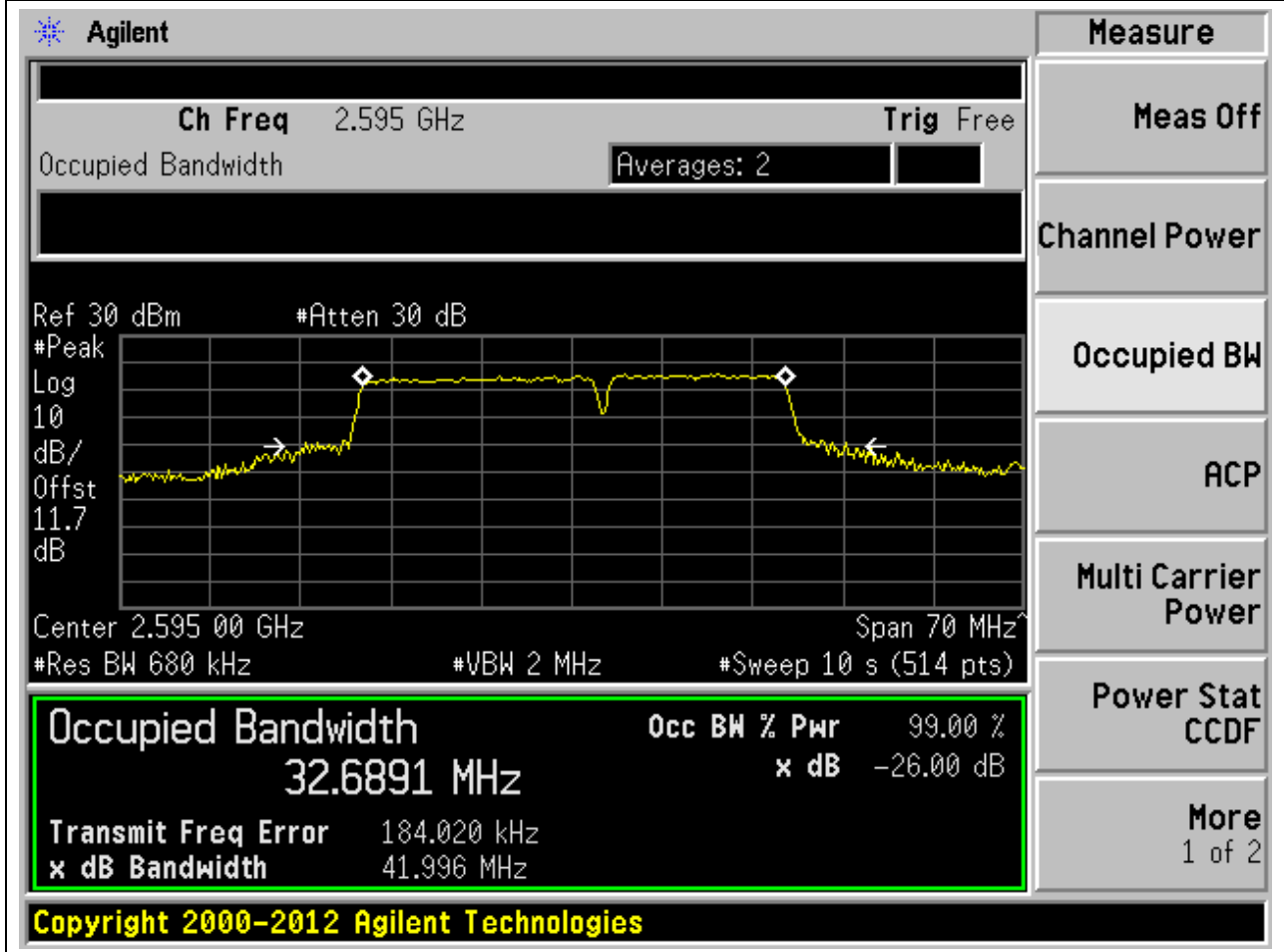
Transmit Freq Error -142.723 kHz

x dB Bandwidth 43.268 MHz

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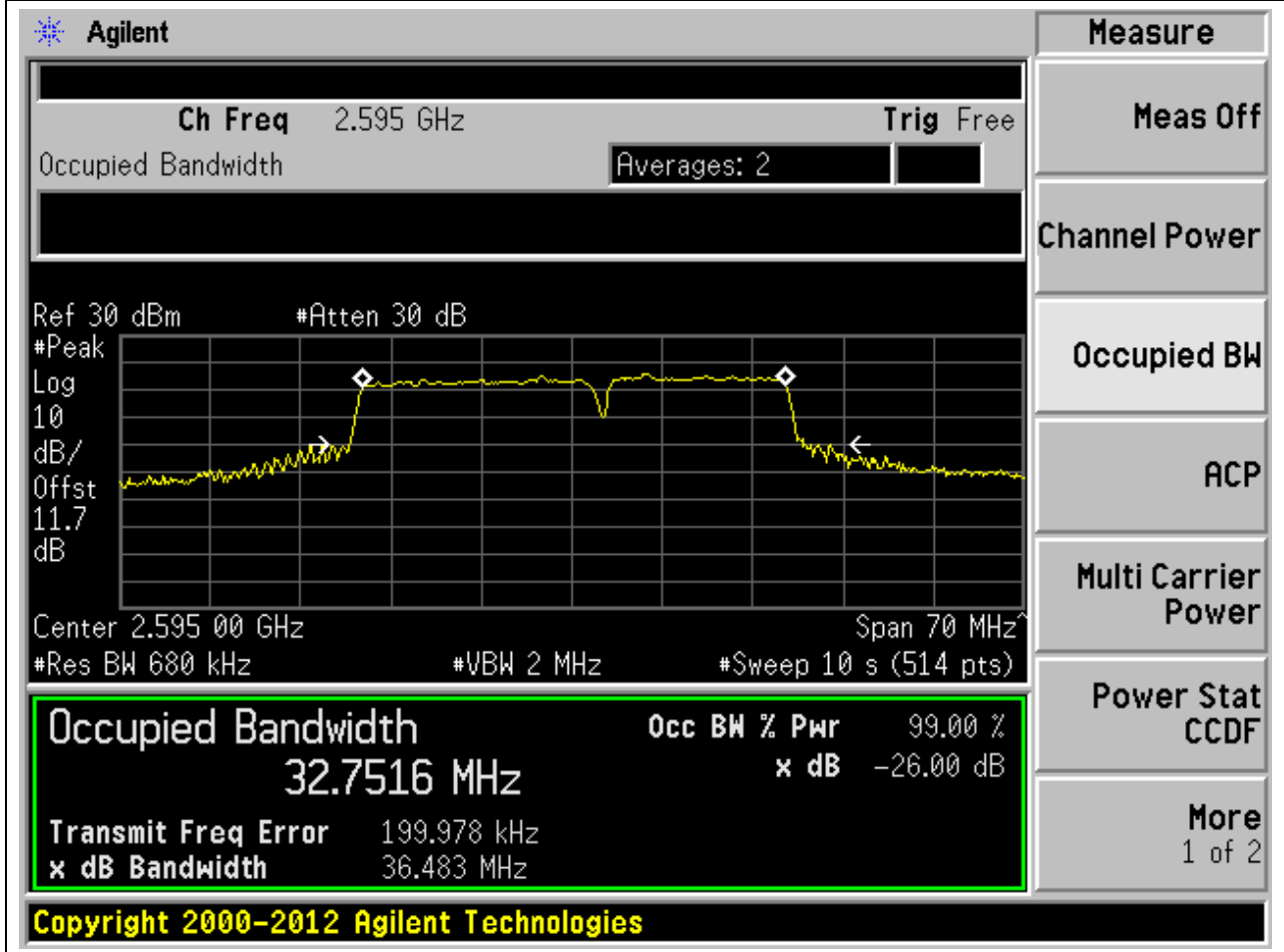
1.13. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13,
Channel:40567|40738, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.68	Peak	32.69	42	35	Pass



**1.14. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14,
Channel:40567|40738, 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
2595	99	26	0.68	Peak	32.75	36.48	35	Pass



**1.15. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15,
Channel:40541|40739, 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	42.3	40	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 11.7 dB

Center 2.595 00 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

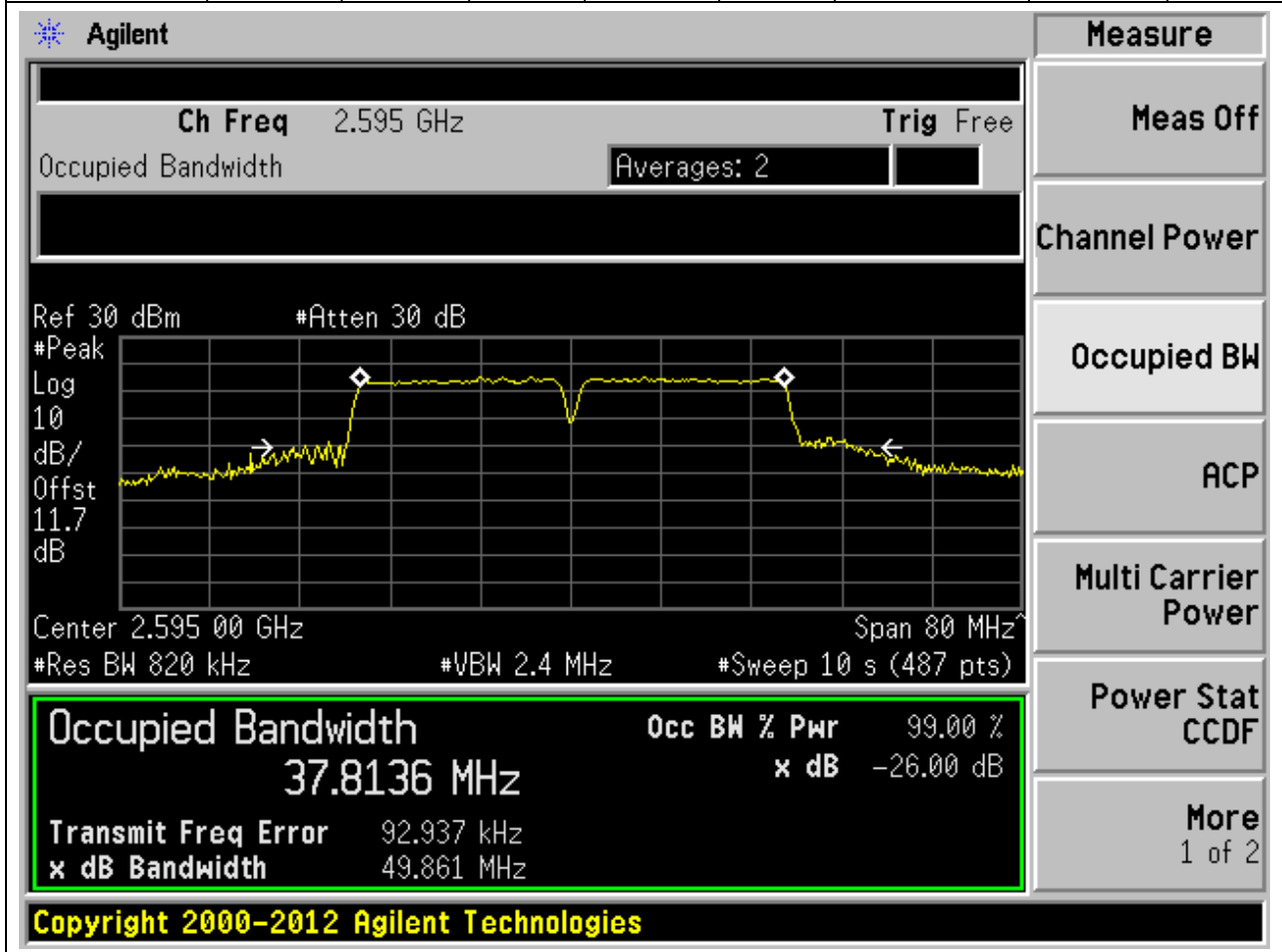
More 1 of 2

Occupied Bandwidth	Occ BW % Pwr 99.00 %
37.7383 MHz	x dB -26.00 dB
Transmit Freq Error 45.674 kHz	
x dB Bandwidth 42.302 MHz	

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1.16. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16,
 Channel:40541|40739, 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	37.81	49.86	40	Pass



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