

Annex A.3 Occupied Bandwidth

1. GSM_GSM850

1.1. GSM Occupied Bandwidth(NTNV)(Channel:128)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.244	0.301	0.3	Pass

Agilent

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

Ch Freq 824.2 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 8.98 dB

Center 824.200 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

243.9525 kHz

x dB -26.00 dB

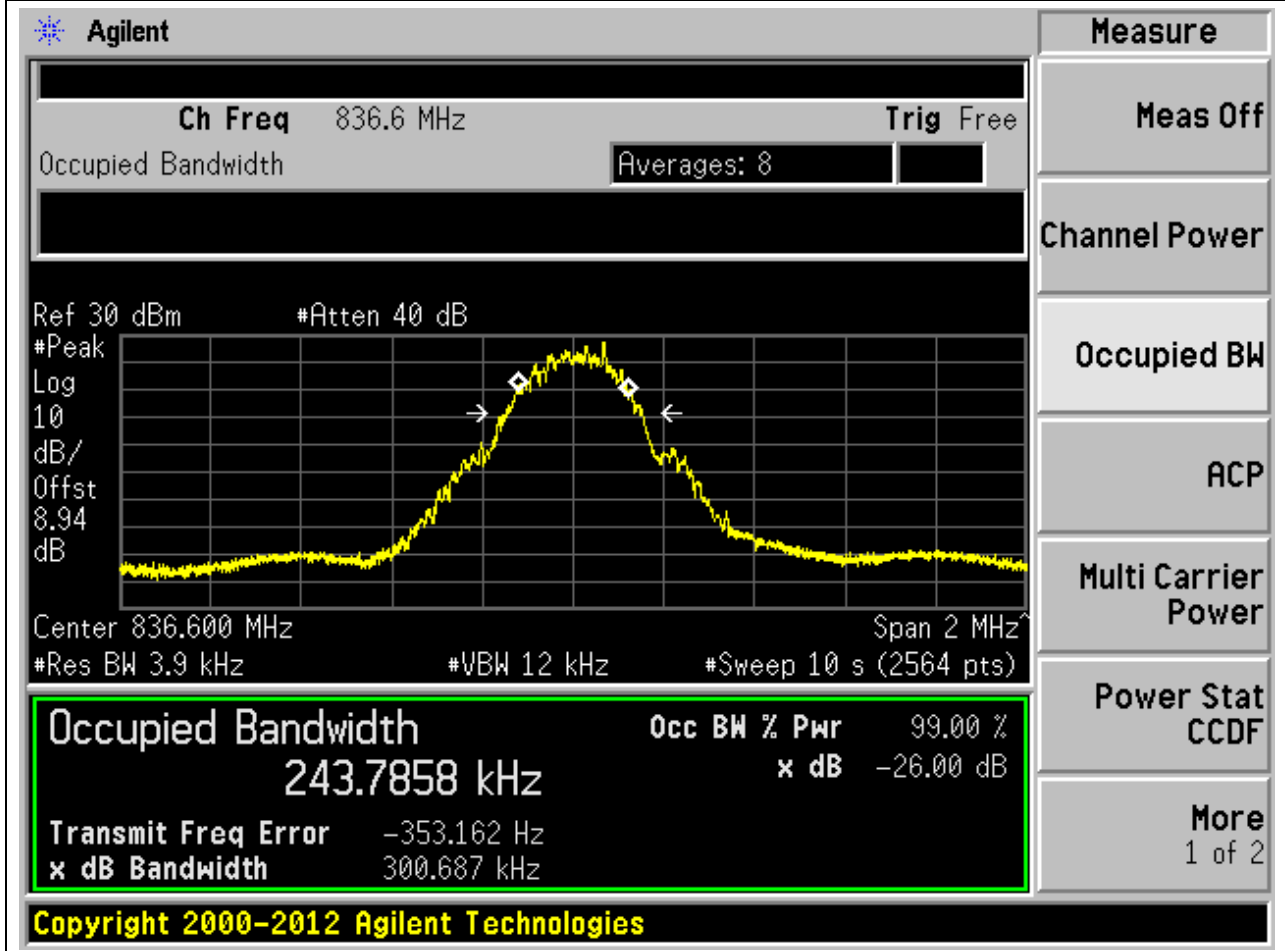
Transmit Freq Error 114.537 Hz

x dB Bandwidth 301.232 kHz

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1.2. GSM Occupied Bandwidth(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.244	0.301	0.3	Pass



1.3. GSM Occupied Bandwidth(NTNV)(Channel:251)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.244	0.302	0.3	Pass

Agilent

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

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

Center 848.800 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

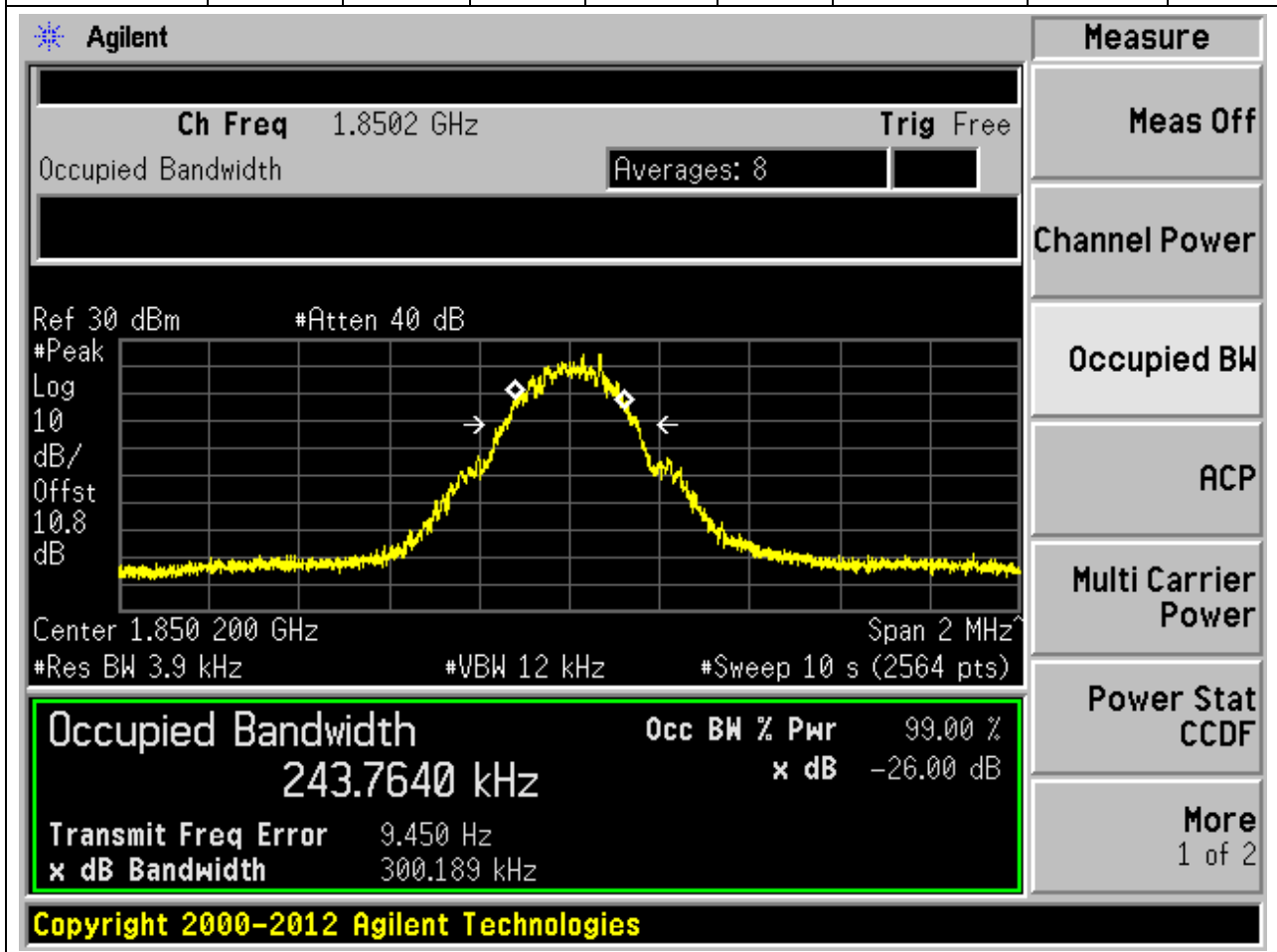
Occupied Bandwidth	Occ BW % Pwr	99.00 %
243.7301 kHz	x dB	-26.00 dB
Transmit Freq Error	142.819 Hz	
x dB Bandwidth	302.328 kHz	

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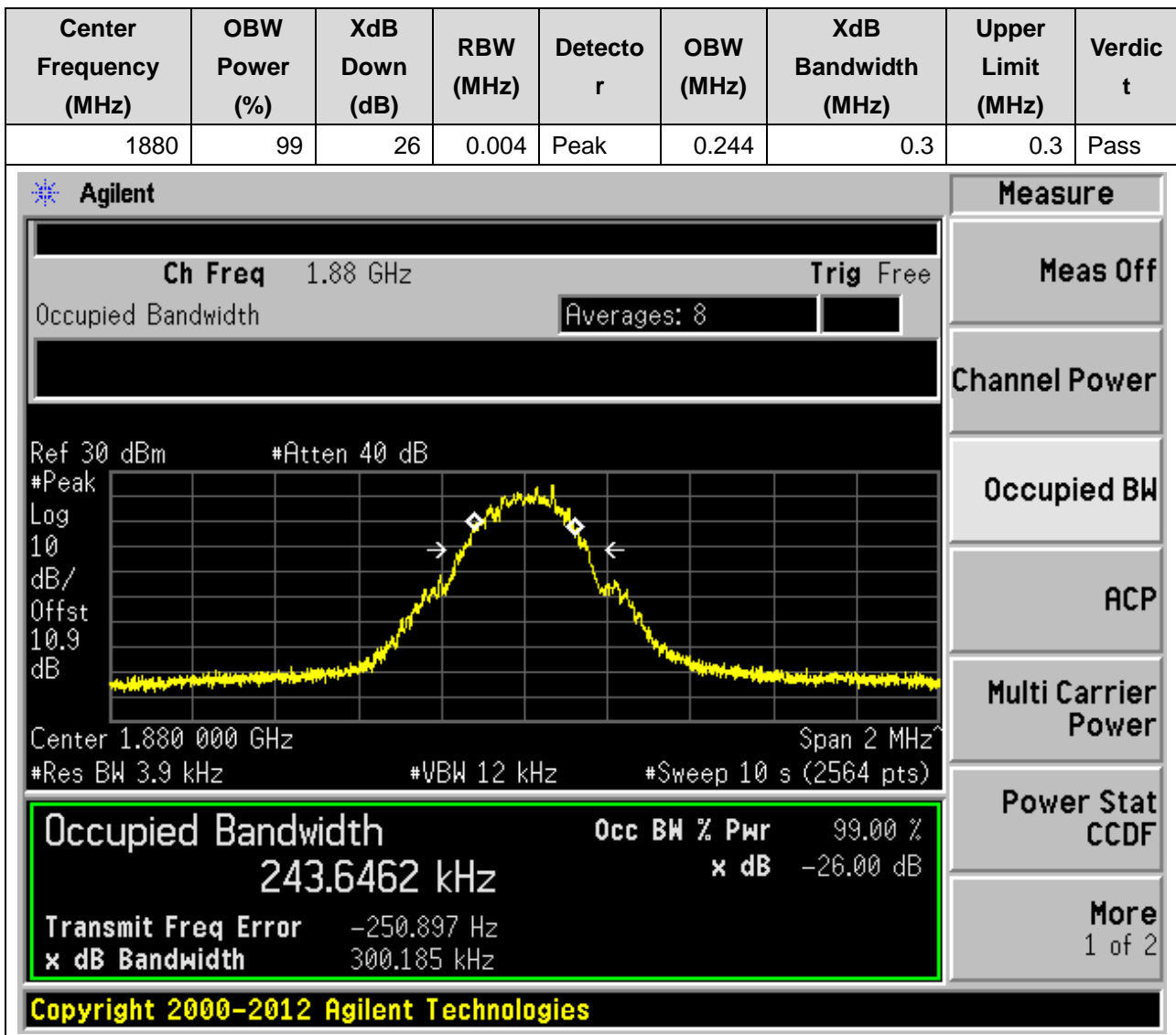
2. GSM_PCS

2.1. GSM Occupied Bandwidth(NTNV)(Channel:512)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.244	0.3	0.3	Pass

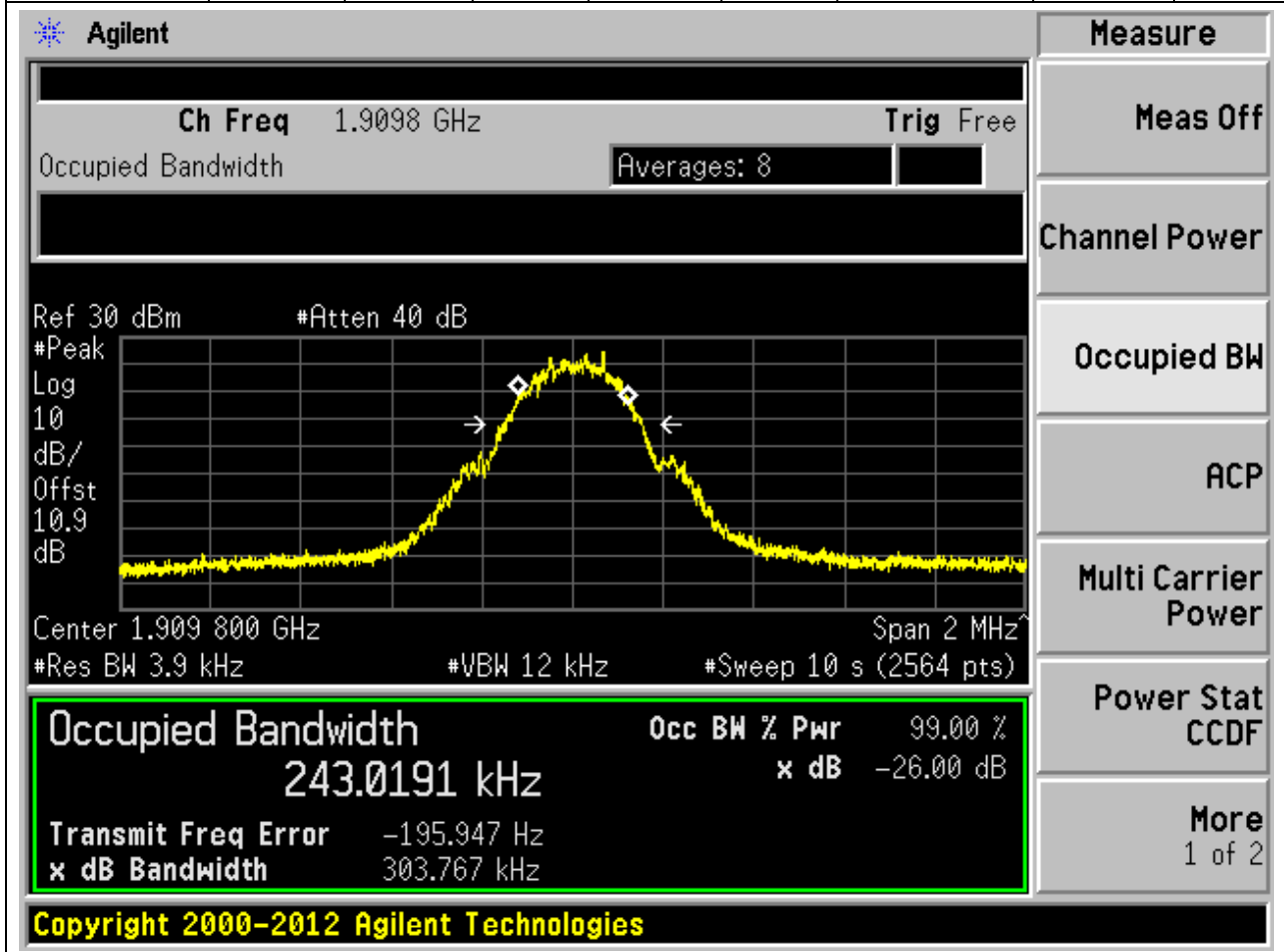


2.2. GSM Occupied Bandwidth(NTNV)(Channel:661)



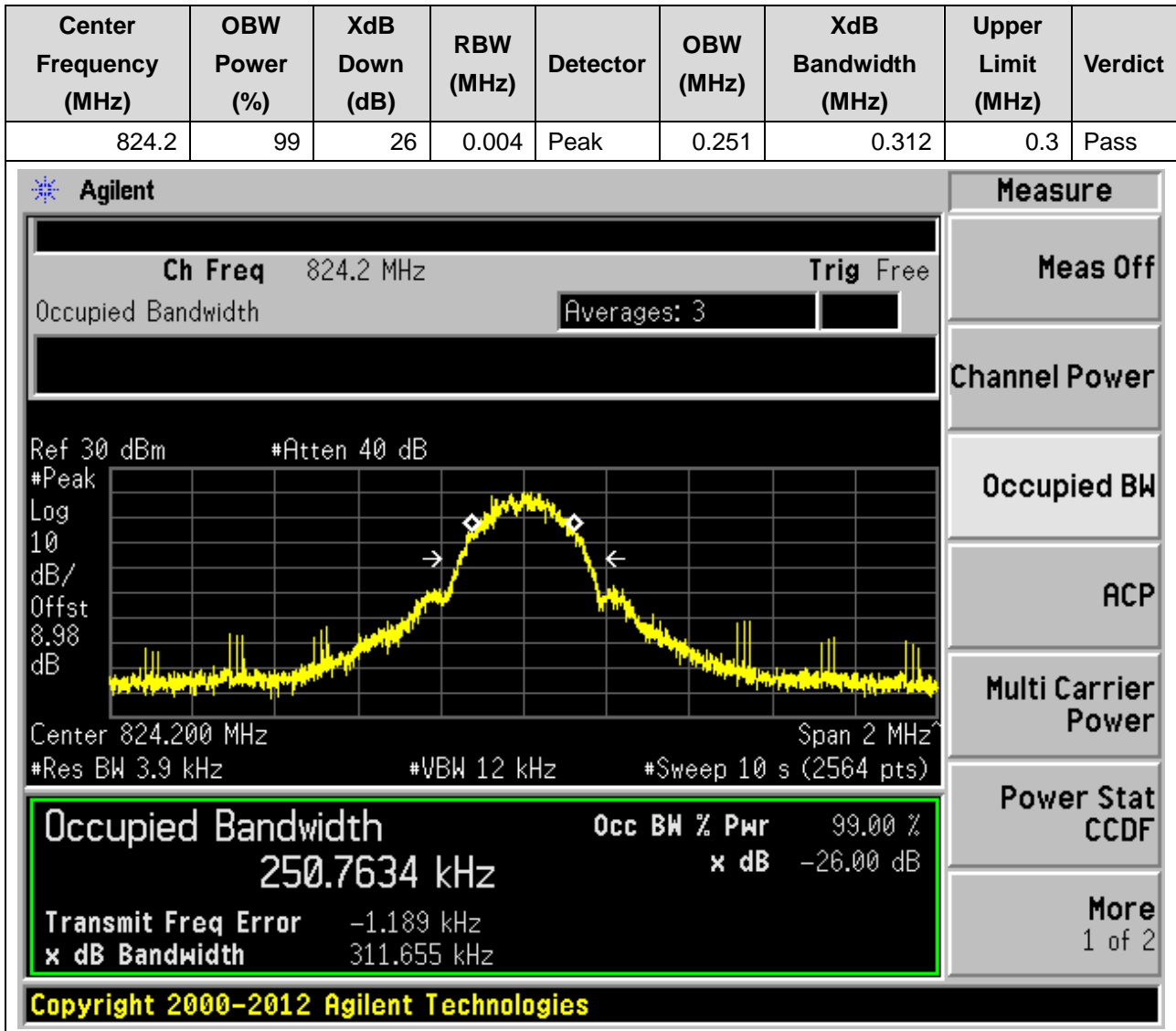
2.3. GSM Occupied Bandwidth(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.243	0.304	0.3	Pass



3. EGPRS_GSM850

3.1. EGPRS Occupied Bandwidth(NTNV)(Channel:128)



3.2. EGPRS Occupied Bandwidth(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.245	0.306	0.3	Pass

Agilent

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

Ch Freq 836.6 MHz Trig Free

Occupied Bandwidth Averages: 3

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/Offst 8.94 dB

Center 836.600 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
244.9931 kHz	x dB -26.00 dB
Transmit Freq Error -414.807 Hz	
x dB Bandwidth 305.571 kHz	

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3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.25	0.316	0.3	Pass

Agilent

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

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 3

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/Offst 9.02 dB

Center 848.800 MHz Span 2 MHz

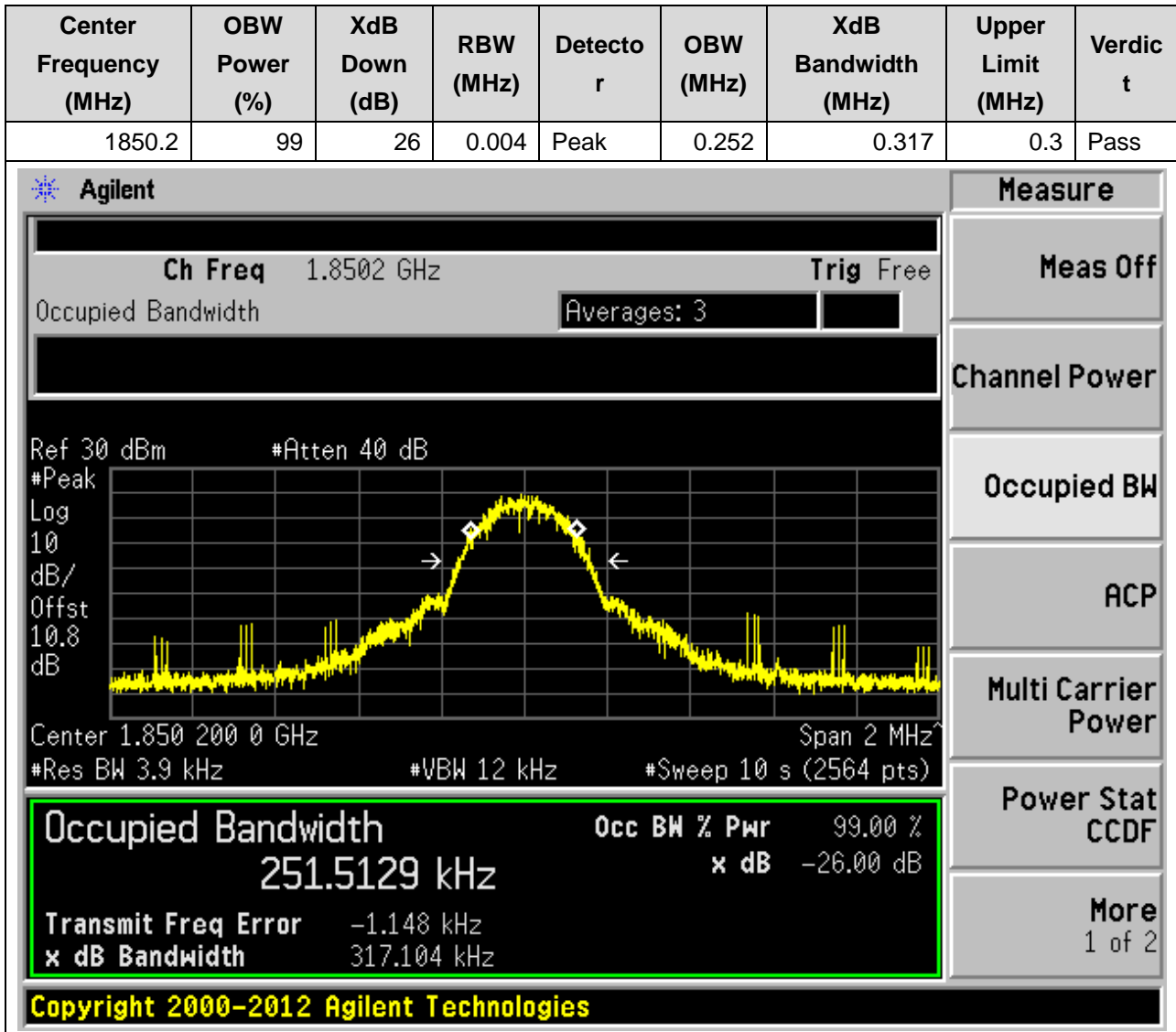
#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
250.0129 kHz	x dB -26.00 dB
Transmit Freq Error -298.252 Hz	
x dB Bandwidth 316.146 kHz	

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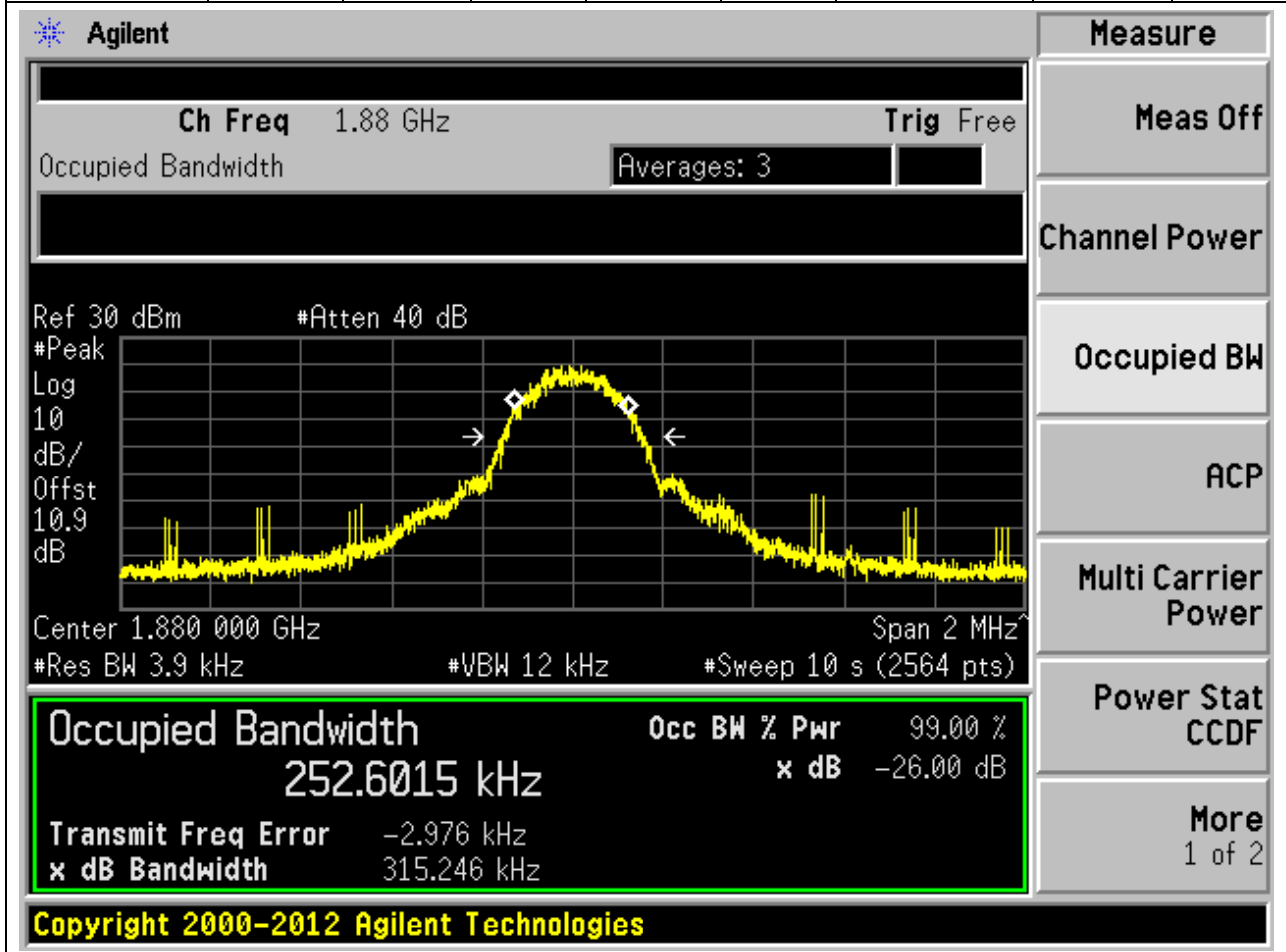
4. EGPRS_PCS

4.1. EGPRS Occupied Bandwidth(NTNV)(Channel:512)



4.2. EGPRS Occupied Bandwidth(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.253	0.315	0.3	Pass



4.3. EGPRS Occupied Bandwidth(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.251	0.308	0.3	Pass

Agilent

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

Ch Freq 1.9098 GHz Trig Free

Occupied Bandwidth Averages: 3

Ref 30 dBm #Atten 40 dB

#Peak Log dB/Offst 10.9 dB

Center 1.909 800 GHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

250.8407 kHz

x dB -26.00 dB

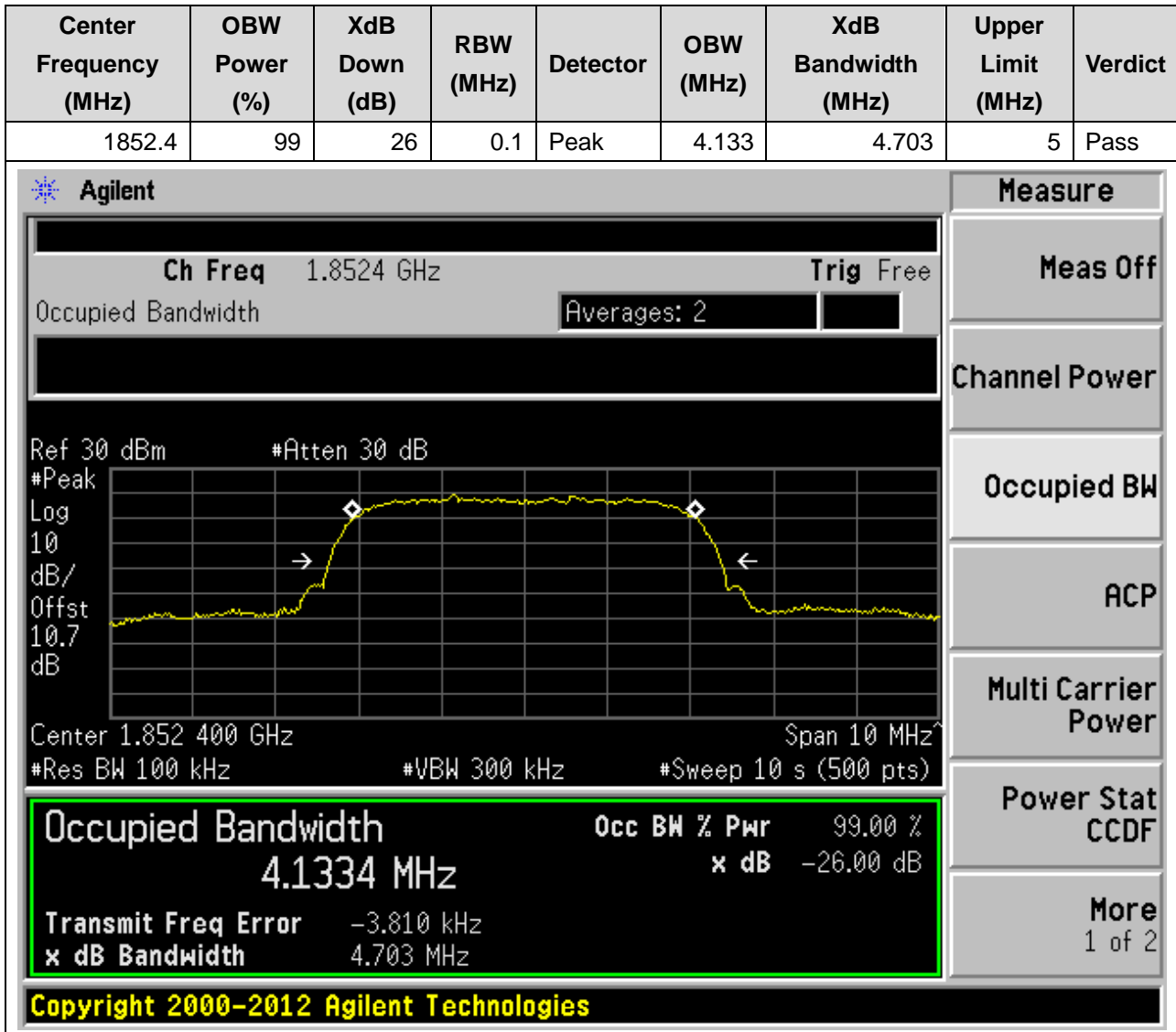
Transmit Freq Error -1.155 kHz

x dB Bandwidth 308.418 kHz

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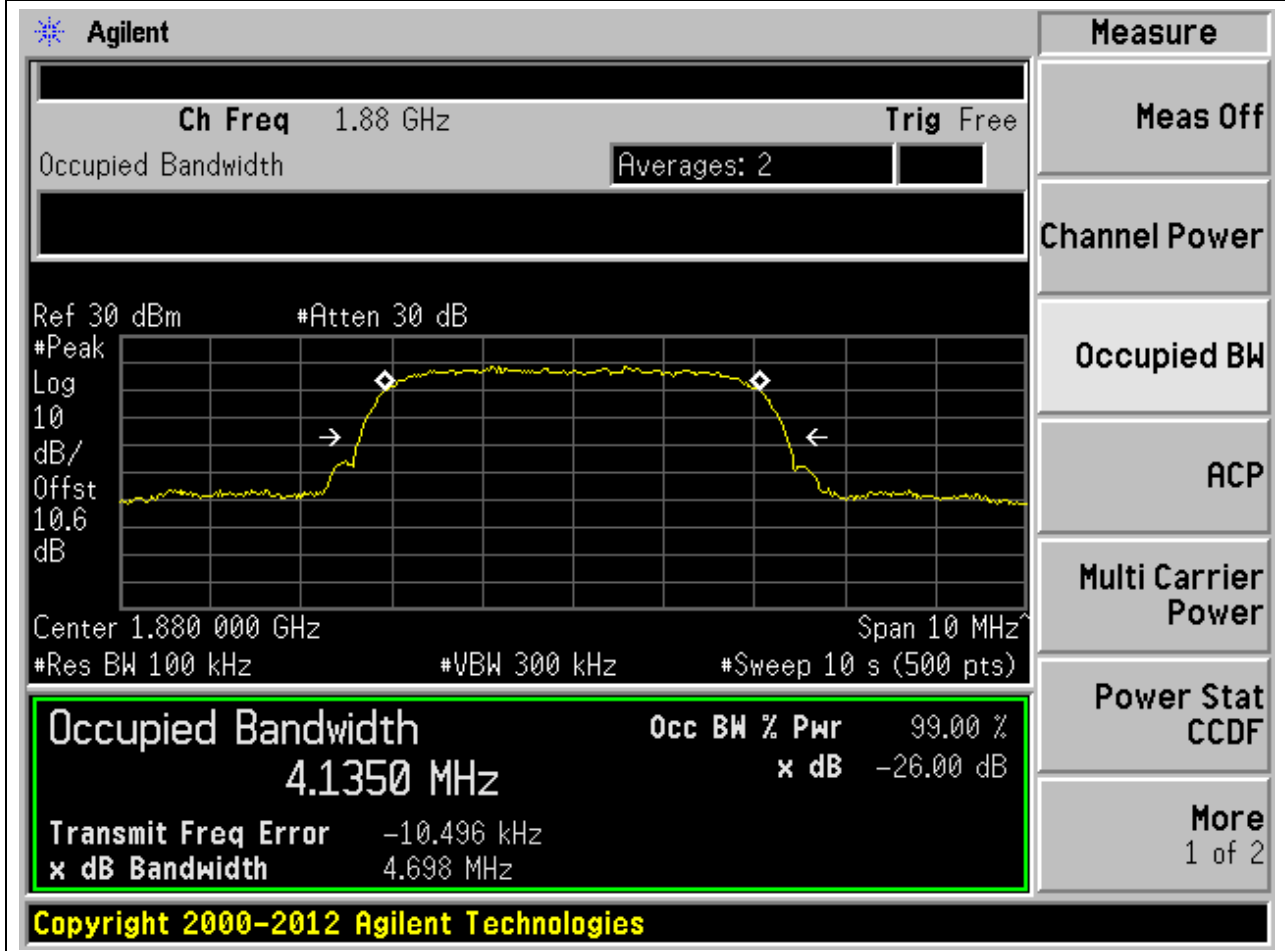
5. WCDMA_Band2

5.1. WCDMA Occupied Bandwidth(NTNV)(Channel:9262)



5.2. WCDMA Occupied Bandwidth(NTNV)(Channel:9400)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.135	4.698	5	Pass



5.3. WCDMA Occupied Bandwidth(NTNV)(Channel:9538)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.6	99	26	0.1	Peak	4.135	4.709	5	Pass

Agilent

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

Ch Freq 1.9076 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 1.907 600 GHz Span 10 MHz

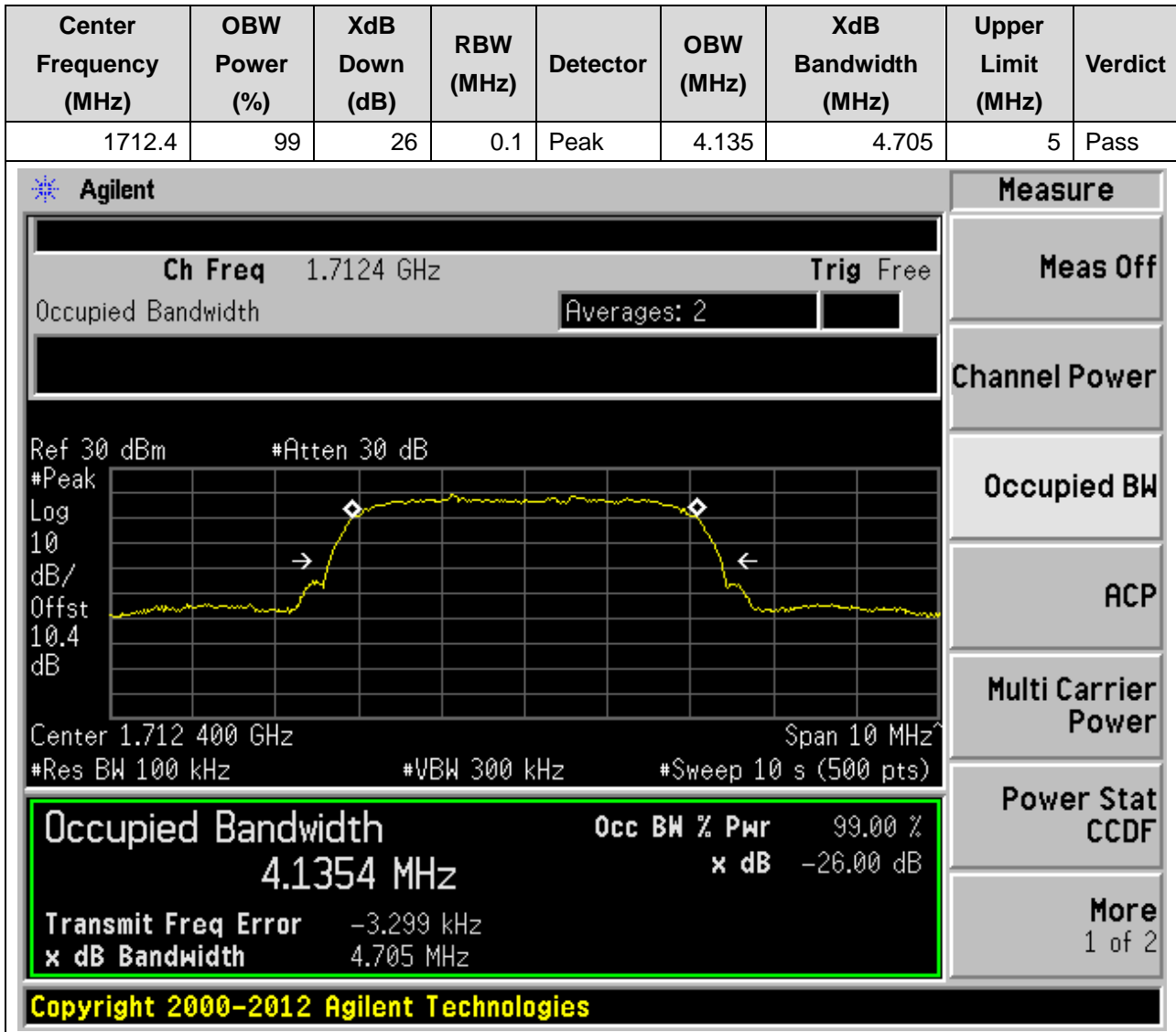
#Res BW 100 kHz #VBW 300 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.1353 MHz	x dB -26.00 dB
Transmit Freq Error -12.915 kHz	
x dB Bandwidth 4.709 MHz	

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6. WCDMA_Band4

6.1. WCDMA Occupied Bandwidth(NTNV)(Channel:1312)



6.2. WCDMA Occupied Bandwidth(NTNV)(Channel:1412)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.4	99	26	0.1	Peak	4.13	4.702	5	Pass

Agilent

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

Ch Freq 1.7324 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.732 400 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1305 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.943 kHz	
x dB Bandwidth	4.702 MHz	

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6.3. WCDMA Occupied Bandwidth(NTNV)(Channel:1513)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.6	99	26	0.1	Peak	4.13	4.694	5	Pass

Agilent

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

Ch Freq 1.7526 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.752 600 GHz Span 10 MHz

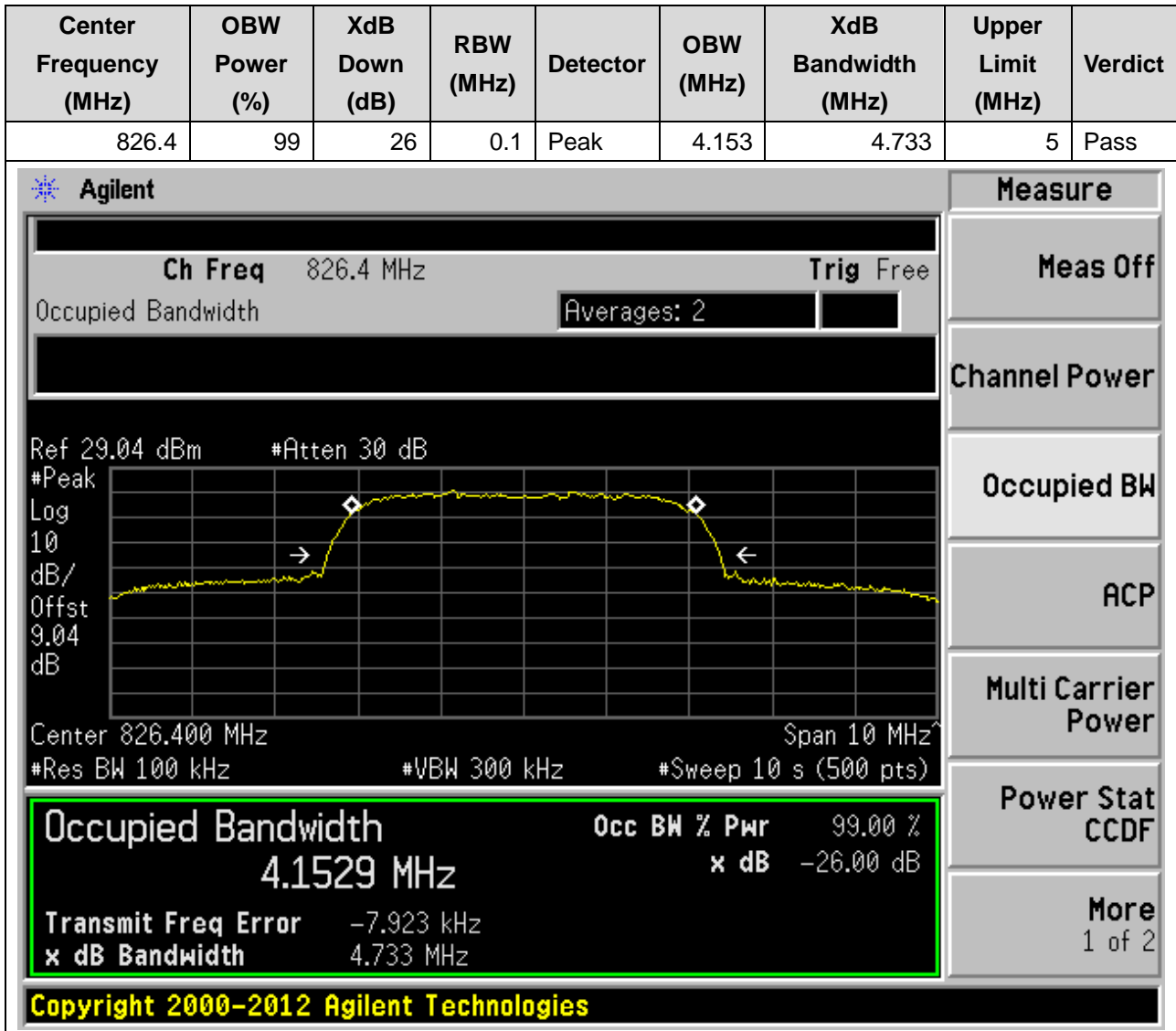
#Res BW 100 kHz #VBW 300 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1299 MHz	x dB	-26.00 dB
Transmit Freq Error		-6.595 kHz
x dB Bandwidth		4.694 MHz

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7. WCDMA_Band5

7.1. WCDMA Occupied Bandwidth(NTNV)(Channel:4132)



7.2. WCDMA Occupied Bandwidth(NTNV)(Channel:4182)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.4	99	26	0.1	Peak	4.133	4.721	5	Pass

Agilent

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

Ch Freq 836.4 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.02 dB

Center 836.400 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1334 MHz	x dB	-26.00 dB
Transmit Freq Error		-859.191 Hz
x dB Bandwidth		4.721 MHz

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7.3. WCDMA Occupied Bandwidth(NTNV)(Channel:4233)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.6	99	26	0.1	Peak	4.136	4.723	5	Pass

Agilent

Measure

Ch Freq 846.6 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.07 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.07

dB

Center 846.600 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1360 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.734 kHz	
x dB Bandwidth	4.723 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

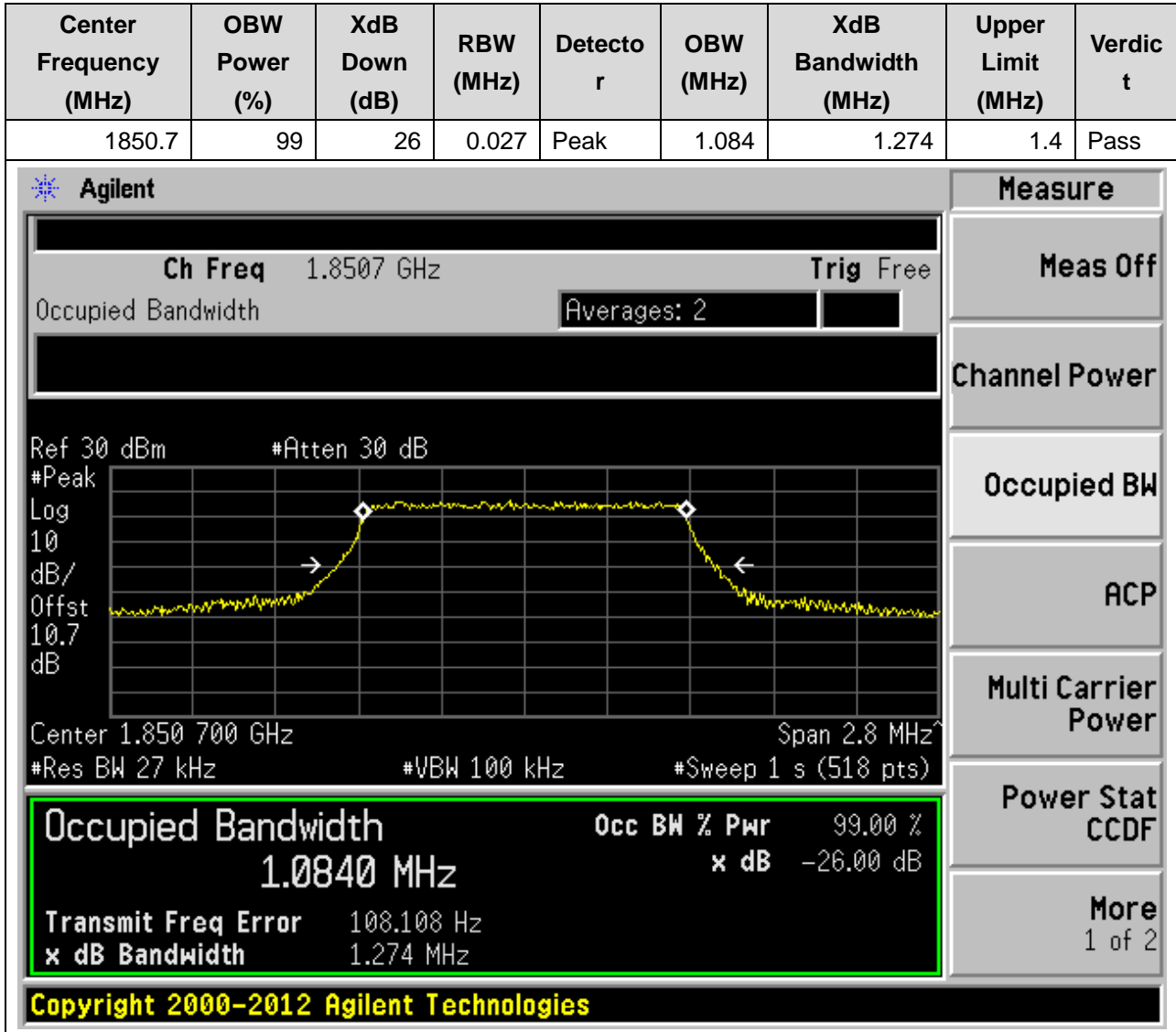
Power Stat CCDF

More

1 of 2

8. LTE_Band2

8.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



8.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.7	99	26	0.027	Peak	1.09	1.3	1.4	Pass

Agilent
Measure

Ch Freq 1.8507 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.850 700 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0903 MHz

Transmit Freq Error -1.276 kHz

x dB Bandwidth 1.300 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.089	1.287	1.4	Pass

Agilent
Measure

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB
#Peak Log 10 dB/ Offst 10.6 dB
Center 1.880 000 GHz Span 2.8 MHz
#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth
1.0893 MHz

Transmit Freq Error 566.667 Hz
x dB Bandwidth 1.287 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

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8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.085	1.259	1.4	Pass

Agilent
Measure

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 000 GHz Span 2.8 MHz
 #Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
1.0850 MHz	x dB -26.00 dB
Transmit Freq Error	-594.051 Hz
x dB Bandwidth	1.259 MHz

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

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8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.089	1.273	1.4	Pass

Agilent
Measure

Ch Freq 1.9093 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.909 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0888 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.305 kHz

x dB Bandwidth 1.273 MHz

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8.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.091	1.292	1.4	Pass

Agilent
Measure

Ch Freq 1.9093 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.909 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0912 MHz

Transmit Freq Error -931.599 Hz

x dB Bandwidth 1.292 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.692	2.957	3	Pass

Agilent
Measure

Ch Freq 1.8515 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 30 dBm #Atten 30 dB

Center 1.851 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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

2.6922 MHz **x dB** -26.00 dB

Transmit Freq Error 762.358 Hz

x dB Bandwidth 2.957 MHz

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8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.687	2.926	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.8515 GHz and a span of 6 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.8515 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6870 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 1.640 kHz and the 'x dB Bandwidth' is 2.926 MHz. The interface also shows various measurement settings such as 'Ref 30 dBm', '#Atten 30 dB', '#Peak', 'Log', '10', 'dB/Offst', '10.7', 'dB', 'Center 1.851 500 GHz', 'Span 6 MHz', '#Res BW 62 kHz', '#VBW 200 kHz', and '#Sweep 1 s (483 pts)'. The 'Measure' menu is open, showing options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

8.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.7	2.936	3	Pass

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

Measurement	Value
Occupied Bandwidth	2.7001 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	1.561 kHz
x dB Bandwidth	2.936 MHz

Additional parameters shown in the interface include: Ch Freq 1.88 GHz, Trig Free, Averages: 2, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 10.6 dB, Center 1.880 000 GHz, Span 6 MHz, #Res BW 62 kHz, #VBW 200 kHz, #Sweep 1 s (483 pts).

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8.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.687	2.942	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.88 GHz and a span of 6 MHz. The vertical axis is labeled 'dB' with a reference of 30 dBm and an attenuation of 30 dB. The horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.88 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6873 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -3.867 kHz and the 'x dB Bandwidth' is 2.942 MHz. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

8.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.694	2.929	3	Pass

Agilent
Measure

Ch Freq 1.9085 GHz **Trig** Free

Occupied Bandwidth Averages: 2

#Peak Log 10 dB/Offst 10.7 dB

Center 1.908 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

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

2.6937 MHz **x dB** -26.00 dB

Transmit Freq Error -1.681 kHz

x dB Bandwidth 2.929 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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8.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.69	2.941	3	Pass

Agilent
Measure

Ch Freq 1.9085 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.7 dB

Center 1.908 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

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

2.6898 MHz **x dB** -26.00 dB

Transmit Freq Error -1.449 kHz

x dB Bandwidth 2.941 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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8.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:18625, 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
1852.5	99	26	0.1	Peak	4.496	4.966	5	Pass

Agilent
Measure

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.852 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4955 MHz

Occ BW % Pwr

99.00 %

x dB

-26.00 dB

Transmit Freq Error 348.806 Hz

x dB Bandwidth 4.966 MHz

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8.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:18625, 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
1852.5	99	26	0.1	Peak	4.492	4.953	5	Pass

Agilent

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 1.852 500 GHz Span 10 MHz

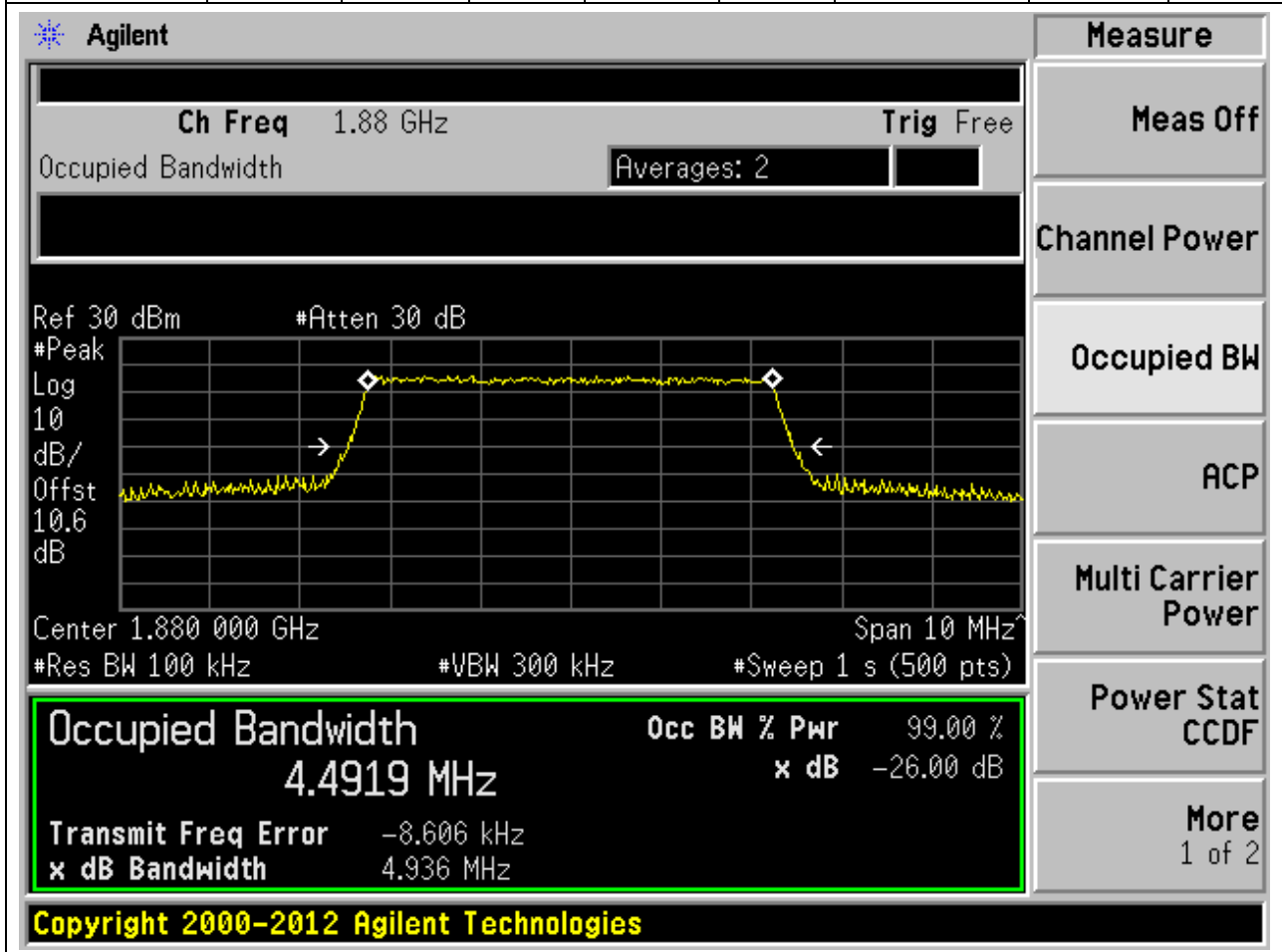
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4923 MHz	x dB	-26.00 dB
Transmit Freq Error		-3.544 kHz
x dB Bandwidth		4.953 MHz

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8.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:18900, 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
1880	99	26	0.1	Peak	4.492	4.936	5	Pass



8.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:18900, 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
1880	99	26	0.1	Peak	4.497	4.961	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 1.88 GHz with a span of 10 MHz. The y-axis is labeled 'dB' and ranges from 10 to 10.6. The x-axis is labeled 'MHz' and ranges from 1.875 to 1.885. The plot shows a signal with a peak at approximately 1.88 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.4969 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -5.398 kHz and the 'x dB Bandwidth' is 4.961 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

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

8.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:19175, 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
1907.5	99	26	0.1	Peak	4.495	4.919	5	Pass

Agilent
Measure

Ch Freq 1.9075 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.907 500 GHz Span 10 MHz
 #Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4945 MHz	x dB -26.00 dB
Transmit Freq Error -3.919 kHz	
x dB Bandwidth 4.919 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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8.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:19175, 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
1907.5	99	26	0.1	Peak	4.495	4.967	5	Pass

Agilent
Measure

Ch Freq 1.9075 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

Center 1.907 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4947 MHz	x dB -26.00 dB
Transmit Freq Error -3.759 kHz	
x dB Bandwidth 4.967 MHz	

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8.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:18650, 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
1855	99	26	0.2	Peak	8.969	9.855	10	Pass

Agilent
Measure

Ch Freq 1.855 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 1.855 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9692 MHz

Transmit Freq Error 8.506 kHz

x dB Bandwidth 9.855 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:18650, 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
1855	99	26	0.2	Peak	8.967	9.753	10	Pass

Agilent
Measure

Ch Freq 1.855 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.855 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9665 MHz

Transmit Freq Error 16.936 kHz

x dB Bandwidth 9.753 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:18900, 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
1880	99	26	0.2	Peak	8.945	9.814	10	Pass

Agilent

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.880 00 GHz Span 20 MHz

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

Occupied Bandwidth 8.9447 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -3.191 kHz
x dB Bandwidth 9.814 MHz

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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8.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:18900, 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
1880	99	26	0.2	Peak	8.957	9.778	10	Pass

Agilent
Measure

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9574 MHz

Transmit Freq Error -3.587 kHz

x dB Bandwidth 9.778 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:19150, 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
1905	99	26	0.2	Peak	8.972	9.757	10	Pass

Agilent
Measure

Ch Freq 1.905 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Center 1.905 00 GHz **Span** 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9717 MHz

Transmit Freq Error -17.751 kHz

x dB Bandwidth 9.757 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:19150, 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
1905	99	26	0.2	Peak	8.96	9.823	10	Pass

Agilent

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

Ch Freq 1.905 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.905 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9604 MHz	x dB -26.00 dB
Transmit Freq Error -17.176 kHz	
x dB Bandwidth 9.823 MHz	

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8.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:18675, 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
1857.5	99	26	0.3	Peak	13.435	14.655	15	Pass

Agilent

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

Ch Freq 1.8575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 1.857 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4347 MHz x dB -26.00 dB

Transmit Freq Error 3.795 kHz

x dB Bandwidth 14.655 MHz

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8.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:18675, 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
1857.5	99	26	0.3	Peak	13.435	14.59	15	Pass

Agilent
Measure

Ch Freq 1.8575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.857 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.435 MHz

Transmit Freq Error 8.312 kHz

x dB Bandwidth 14.590 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:18900, 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
1880	99	26	0.3	Peak	13.421	14.667	15	Pass

Agilent
Measure

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.880 00 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4210 MHz

Transmit Freq Error -7.293 kHz

x dB Bandwidth 14.667 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, 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
1880	99	26	0.3	Peak	13.438	14.635	15	Pass

Agilent
Measure

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.6

dB

Center 1.880 00 GHz Span 30 MHz

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

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

13.4380 MHz

x dB -26.00 dB

Transmit Freq Error -8.166 kHz

x dB Bandwidth 14.635 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat

CCDF

More

1 of 2

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8.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:19125, 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
1902.5	99	26	0.3	Peak	13.426	14.718	15	Pass

Agilent

Measure

Ch Freq 1.9025 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.6

dB

Center 1.902 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4263 MHz	x dB	-26.00 dB
Transmit Freq Error	-17.873 kHz	
x dB Bandwidth	14.718 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat
CCDF

More
1 of 2

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8.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

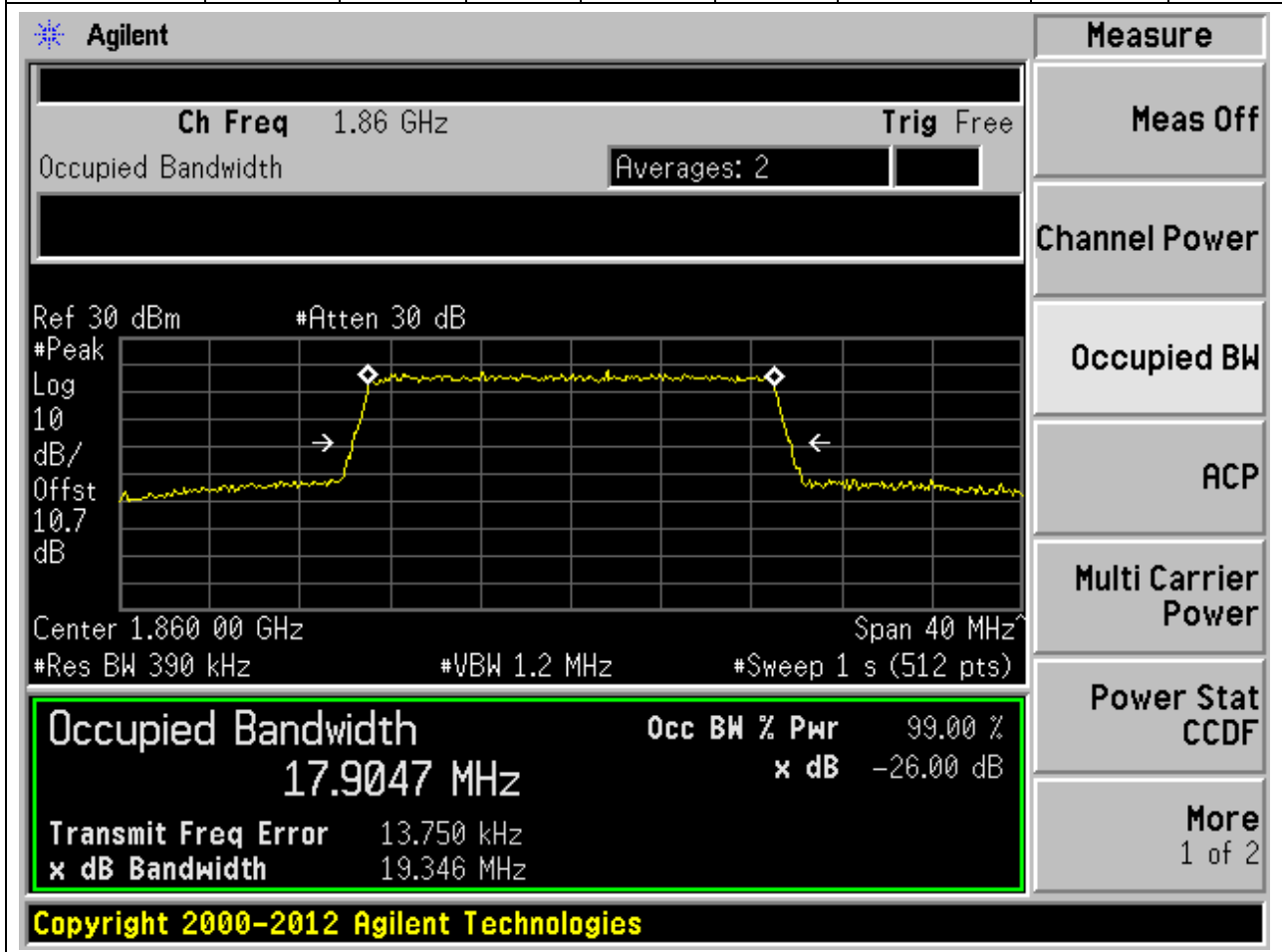
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.459	14.698	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.9025 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale with a 'Ref 30 dBm' and '#Atten 30 dB'. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 13.4587 MHz. Other parameters shown include 'Transmit Freq Error -16.835 kHz' and 'x dB Bandwidth 14.698 MHz'. The right-hand side of the interface features a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
13.4587 MHz	99.00 %	-26.00 dB

8.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:18700, 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
1860	99	26	0.39	Peak	17.905	19.346	20	Pass



8.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, 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
1860	99	26	0.39	Peak	17.887	19.37	20	Pass

Agilent
Measure

Ch Freq 1.86 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 1.860 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.8869 MHz x dB -26.00 dB

Transmit Freq Error 14.550 kHz

x dB Bandwidth 19.370 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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8.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:18900, 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
1880	99	26	0.39	Peak	17.924	19.377	20	Pass

Agilent
Measure

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.880 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9239 MHz x dB -26.00 dB

Transmit Freq Error 4.463 kHz

x dB Bandwidth 19.377 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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8.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:18900, 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
1880	99	26	0.39	Peak	17.89	19.385	20	Pass

Agilent
Measure

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB
#Peak Log 10 dB/Offst 10.6 dB
Center 1.880 00 GHz Span 40 MHz
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth
17.8905 MHz

Transmit Freq Error -18.165 kHz

x dB Bandwidth 19.385 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, 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
1900	99	26	0.39	Peak	17.917	19.454	20	Pass

Agilent

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

Ch Freq 1.9 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.900 00 GHz Span 40 MHz
 #Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9165 MHz	x dB -26.00 dB
Transmit Freq Error -33.066 kHz	
x dB Bandwidth 19.454 MHz	

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8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, 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
1900	99	26	0.39	Peak	17.881	19.378	20	Pass

Agilent
Measure

Ch Freq 1.9 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.900 00 GHz Span 40 MHz
 #Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.8812 MHz x dB -26.00 dB

Transmit Freq Error -12.883 kHz

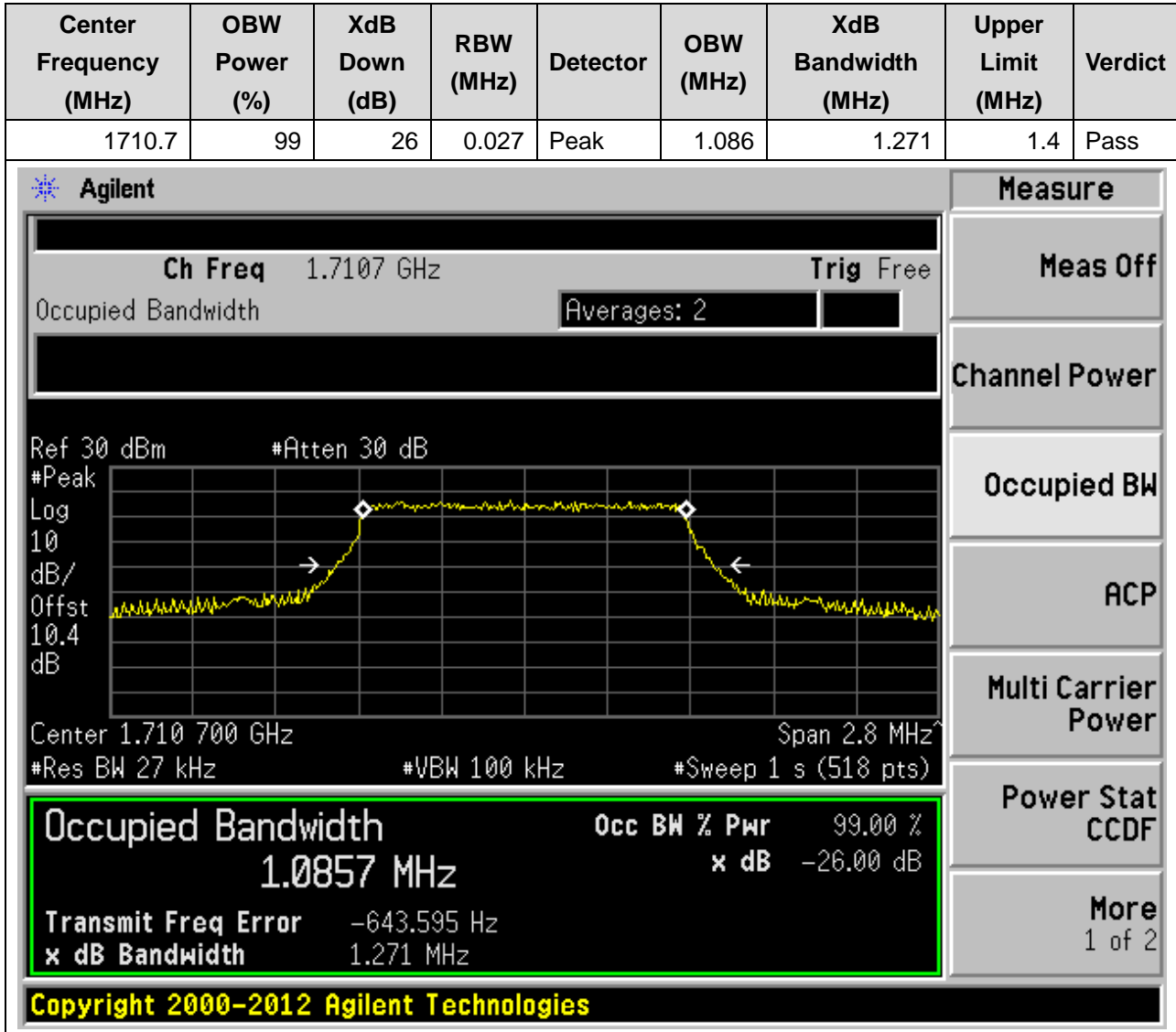
x dB Bandwidth 19.378 MHz

More
1 of 2

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9. LTE_Band4

9.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



9.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.093	1.285	1.4	Pass

Agilent
Measure

Ch Freq 1.7107 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.710 700 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0927 MHz

Transmit Freq Error -2.712 kHz

x dB Bandwidth 1.285 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.088	1.291	1.4	Pass

Agilent
Measure

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 500 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0882 MHz

Transmit Freq Error -35.683 Hz

x dB Bandwidth 1.291 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.084	1.272	1.4	Pass

Agilent
Measure

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 500 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
1.0844 MHz	x dB -26.00 dB
Transmit Freq Error	-2.234 kHz
x dB Bandwidth	1.272 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.092	1.266	1.4	Pass

Agilent
Measure

Ch Freq 1.7543 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.754 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0921 MHz

Transmit Freq Error -444.823 Hz

x dB Bandwidth 1.266 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.091	1.289	1.4	Pass

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

Measurement	Value
Occupied Bandwidth	1.0912 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	1.144 kHz
x dB Bandwidth	1.289 MHz

Other visible parameters include: Ch Freq 1.7543 GHz, Trig Free, Averages: 2, Ref 30 dBm, #Atten 30 dB, Center 1.754 300 GHz, Span 2.8 MHz, #Res BW 27 kHz, #VBW 100 kHz, #Sweep 1 s (518 pts).

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9.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.693	2.94	3	Pass

Agilent
Measure

Ch Freq 1.7115 GHz **Trig** Free

Occupied Bandwidth **Averages:** 2

Ref 30 dBm #Atten 30 dB

Center 1.711 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

2.6929 MHz

Transmit Freq Error 559.026 Hz

x dB Bandwidth 2.940 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.684	2.947	3	Pass

Agilent
Measure

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth
2.6845 MHz

Transmit Freq Error 302.926 Hz

x dB Bandwidth 2.947 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.692	2.939	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.7325 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', '#Peak Log', '10 dB/Offst', and '10.5 dB'. The plot shows a signal with a sharp peak and a wider base, with two diamond markers indicating the measurement points. Below the plot, the following parameters are listed: 'Center 1.732 500 GHz', 'Span 6 MHz', '#Res BW 62 kHz', '#VBW 200 kHz', and '#Sweep 1 s (483 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 2.6915 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 45.337 Hz', and 'x dB Bandwidth 2.939 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'.

9.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.691	2.94	3	Pass

Agilent
Measure

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6912 MHz

Transmit Freq Error -1.652 kHz

x dB Bandwidth 2.940 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.696	2.941	3	Pass

Agilent

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.753 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6962 MHz	x dB	-26.00 dB
Transmit Freq Error	-833.400 Hz	
x dB Bandwidth	2.941 MHz	

Measures

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

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9.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.688	2.951	3	Pass

Agilent
Measure

Ch Freq 1.7535 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.753 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
2.6879 MHz	x dB -26.00 dB
Transmit Freq Error -21.940 Hz	
x dB Bandwidth 2.951 MHz	

Power Stat CCDF

More 1 of 2

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

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9.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:19975, 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
1712.5	99	26	0.1	Peak	4.496	4.976	5	Pass

Agilent
Measure

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 1.712 500 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4962 MHz x dB -26.00 dB

Transmit Freq Error -6.322 kHz

x dB Bandwidth 4.976 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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9.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:19975, 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
1712.5	99	26	0.1	Peak	4.486	4.921	5	Pass

Agilent
Measure

Ch Freq 1.7125 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 30 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz

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

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4856 MHz	x dB -26.00 dB
Transmit Freq Error -5.998 kHz	
x dB Bandwidth 4.921 MHz	

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9.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20175, 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
1732.5	99	26	0.1	Peak	4.486	4.94	5	Pass

Agilent
Measure

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.732 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

4.4856 MHz

Transmit Freq Error -6.791 kHz

x dB Bandwidth 4.940 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20175, 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
1732.5	99	26	0.1	Peak	4.49	4.939	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7325 GHz and a span of 10 MHz. The vertical axis is labeled 'dB' with a scale of 10.5 dB. The horizontal axis is labeled 'MHz' with a scale of 10 MHz. The plot shows a signal with a peak at approximately 1.7325 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.4896 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -6.891 kHz and the 'x dB Bandwidth' is 4.939 MHz. The interface also shows various measurement settings such as 'Ref 30 dBm', '#Atten 30 dB', '#Res BW 100 kHz', '#VBW 300 kHz', and '#Sweep 1 s (500 pts)'. A 'Measure' menu is visible on the right side of the screen, with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

Occupied Bandwidth	Occ BW % Pwr	x dB
4.4896 MHz	99.00 %	-26.00 dB

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9.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20375, 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
1752.5	99	26	0.1	Peak	4.486	4.935	5	Pass

Agilent
Measure

Ch Freq 1.7525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.752 500 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4857 MHz x dB -26.00 dB

Transmit Freq Error -1.349 kHz

x dB Bandwidth 4.935 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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9.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20375, 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
1752.5	99	26	0.1	Peak	4.495	4.98	5	Pass

Agilent
Measure

Ch Freq 1.7525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.752 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4946 MHz

Transmit Freq Error -1.357 kHz

x dB Bandwidth 4.980 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20000, 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
1715	99	26	0.2	Peak	8.987	9.869	10	Pass

Agilent
Measure

Ch Freq 1.715 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB
#Peak Log 10 dB/Offst 10.4 dB
Center 1.715 00 GHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth
8.9873 MHz

Transmit Freq Error 5.614 kHz
x dB Bandwidth 9.869 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

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9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20000, 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
1715	99	26	0.2	Peak	8.98	9.745	10	Pass

Agilent
Measure

Ch Freq 1.715 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.715 00 GHz Span 20 MHz

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

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

8.9802 MHz

x dB -26.00 dB

Transmit Freq Error 8.384 kHz

x dB Bandwidth 9.745 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20175, 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
1732.5	99	26	0.2	Peak	8.959	9.799	10	Pass

Agilent
Measure

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 50 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9588 MHz

Transmit Freq Error -7.585 kHz

x dB Bandwidth 9.799 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20175, 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
1732.5	99	26	0.2	Peak	8.948	9.779	10	Pass

Agilent
Measure

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

Center 1.732 50 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9480 MHz

Transmit Freq Error -3.733 kHz

x dB Bandwidth 9.779 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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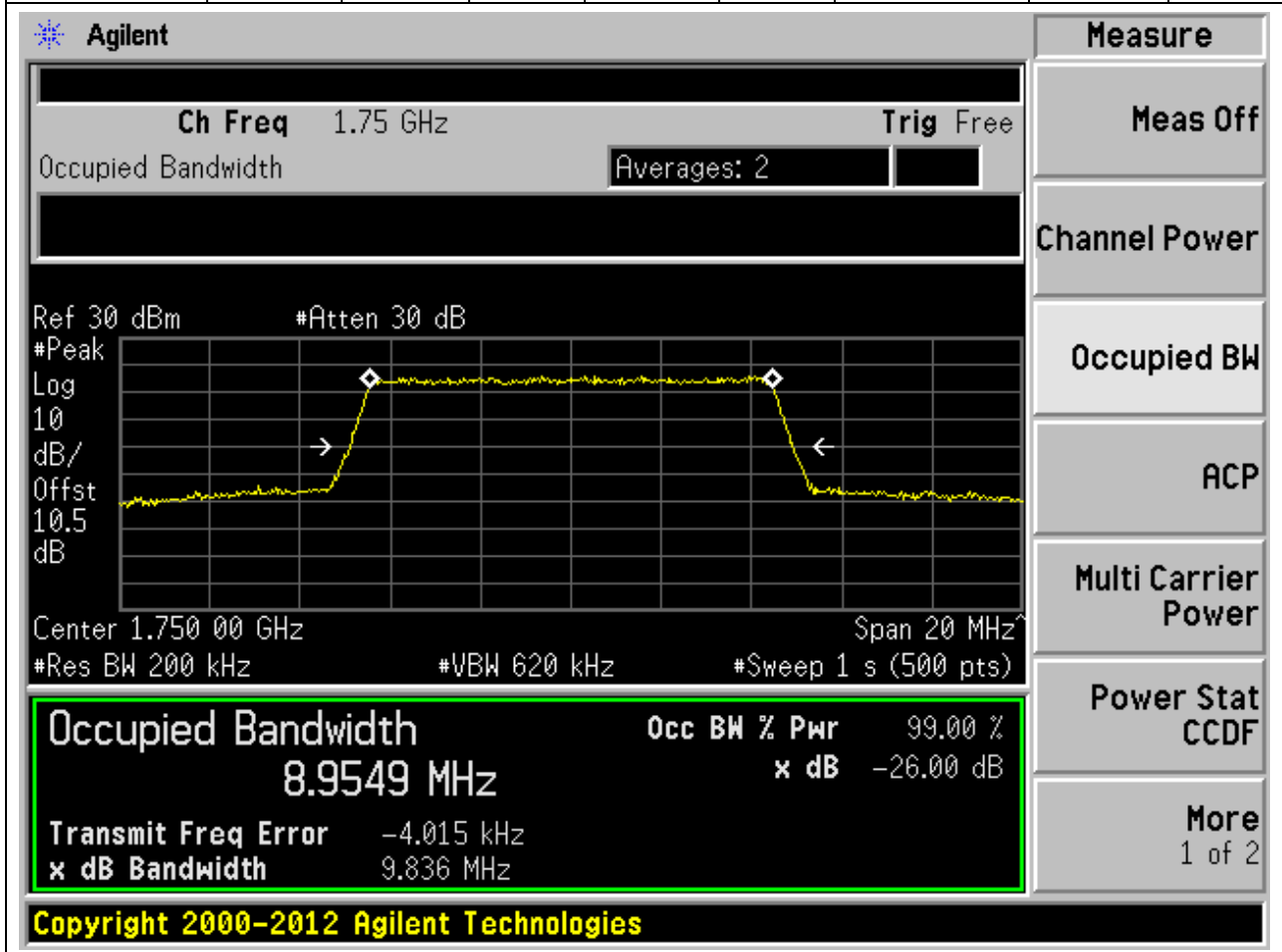
9.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.975	9.749	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.75 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale with a 'Ref 30 dBm' and '#Atten 30 dB'. The x-axis is labeled 'Center 1.750 00 GHz' and 'Span 20 MHz'. The y-axis is labeled 'dB/Offst 10.5 dB'. The plot shows a signal with a peak at approximately 1.75 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 8.9746 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -1.902 kHz and the 'x dB Bandwidth' is 9.749 MHz. The 'Averages' are set to 2. The 'Measure' menu on the right includes options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays 'Copyright 2000-2012 Agilent Technologies'.

9.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20350, 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
1750	99	26	0.2	Peak	8.955	9.836	10	Pass



9.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:20025, 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
1717.5	99	26	0.3	Peak	13.457	14.604	15	Pass

Agilent
Measure

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 1.717 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4571 MHz

Transmit Freq Error 14.388 kHz

x dB Bandwidth 14.604 MHz

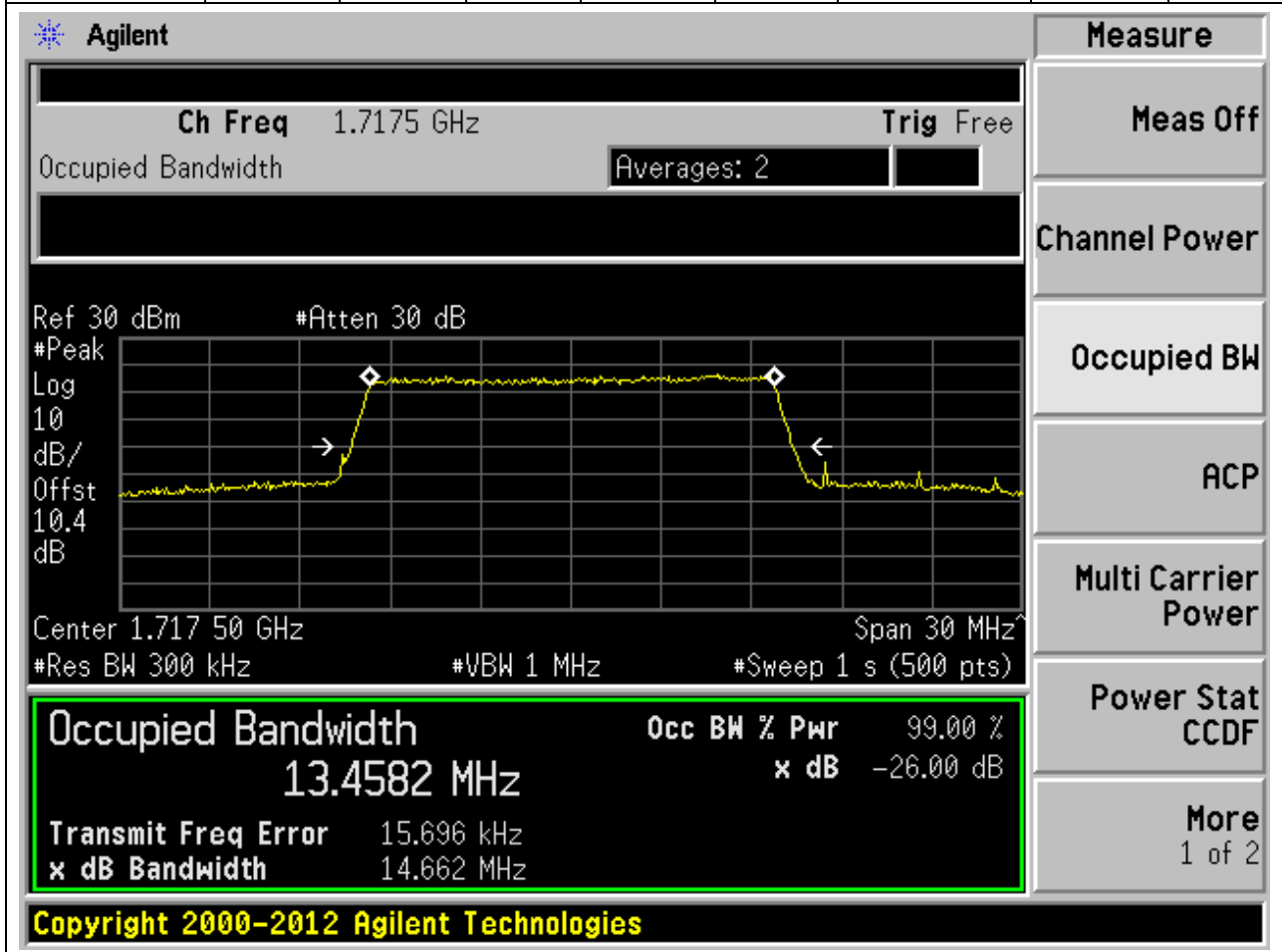
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:20025, 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
1717.5	99	26	0.3	Peak	13.458	14.662	15	Pass



9.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:20175, 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
1732.5	99	26	0.3	Peak	13.402	14.587	15	Pass

Agilent
Measure

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4024 MHz

Occ BW % Pwr

99.00 %

Transmit Freq Error -15.871 kHz

x dB Bandwidth 14.587 MHz

x dB -26.00 dB

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9.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:20175, 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
1732.5	99	26	0.3	Peak	13.42	14.628	15	Pass

Agilent
Measure

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4202 MHz x dB -26.00 dB

Transmit Freq Error -14.180 kHz

x dB Bandwidth 14.628 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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9.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:20325, 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
1747.5	99	26	0.3	Peak	13.442	14.722	15	Pass

Agilent
Measure

Ch Freq 1.7475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.747 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4425 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 3.954 kHz

x dB Bandwidth 14.722 MHz

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9.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:20325, 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
1747.5	99	26	0.3	Peak	13.445	14.685	15	Pass

Agilent
Measure

Ch Freq 1.7475 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

Center 1.747 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

13.4452 MHz

Transmit Freq Error -2.851 kHz

x dB Bandwidth 14.685 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:20050, 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
1720	99	26	0.39	Peak	17.91	19.348	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', and '10.4 dB'. The plot shows a signal with a peak at approximately 1.72 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 17.9104 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters shown include 'Transmit Freq Error 14.213 kHz' and 'x dB Bandwidth 19.348 MHz'. The bottom of the screen displays 'Copyright 2000-2012 Agilent Technologies'.

9.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, 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
1720	99	26	0.39	Peak	17.898	19.356	20	Pass

Agilent
Measure

Ch Freq 1.72 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.4

dB

Center 1.720 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

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

17.8985 MHz

x dB -26.00 dB

Transmit Freq Error 5.230 kHz

x dB Bandwidth 19.356 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat

CCDF

More

1 of 2

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9.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:20175, 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
1732.5	99	26	0.39	Peak	17.886	19.386	20	Pass

Agilent
Measure

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.732 50 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.8860 MHz	x dB -26.00 dB
Transmit Freq Error 8.834 kHz	
x dB Bandwidth 19.386 MHz	

Power Stat CCDF
More 1 of 2

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9.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:20175, 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
1732.5	99	26	0.39	Peak	17.896	19.468	20	Pass

Agilent
Measure

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 30 dBm #Atten 30 dB

Center 1.732 50 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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

17.8963 MHz **x dB** -26.00 dB

Transmit Freq Error -7.769 kHz

x dB Bandwidth 19.468 MHz

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9.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:20300, 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
1745	99	26	0.39	Peak	17.942	19.55	20	Pass

Agilent
Measure

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 40 MHz
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9417 MHz	x dB -26.00 dB
Transmit Freq Error -15.413 kHz	
x dB Bandwidth 19.550 MHz	

More
1 of 2

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9.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, 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
1745	99	26	0.39	Peak	17.943	19.397	20	Pass

Agilent
Measure

Ch Freq 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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

17.9426 MHz **x dB** -26.00 dB

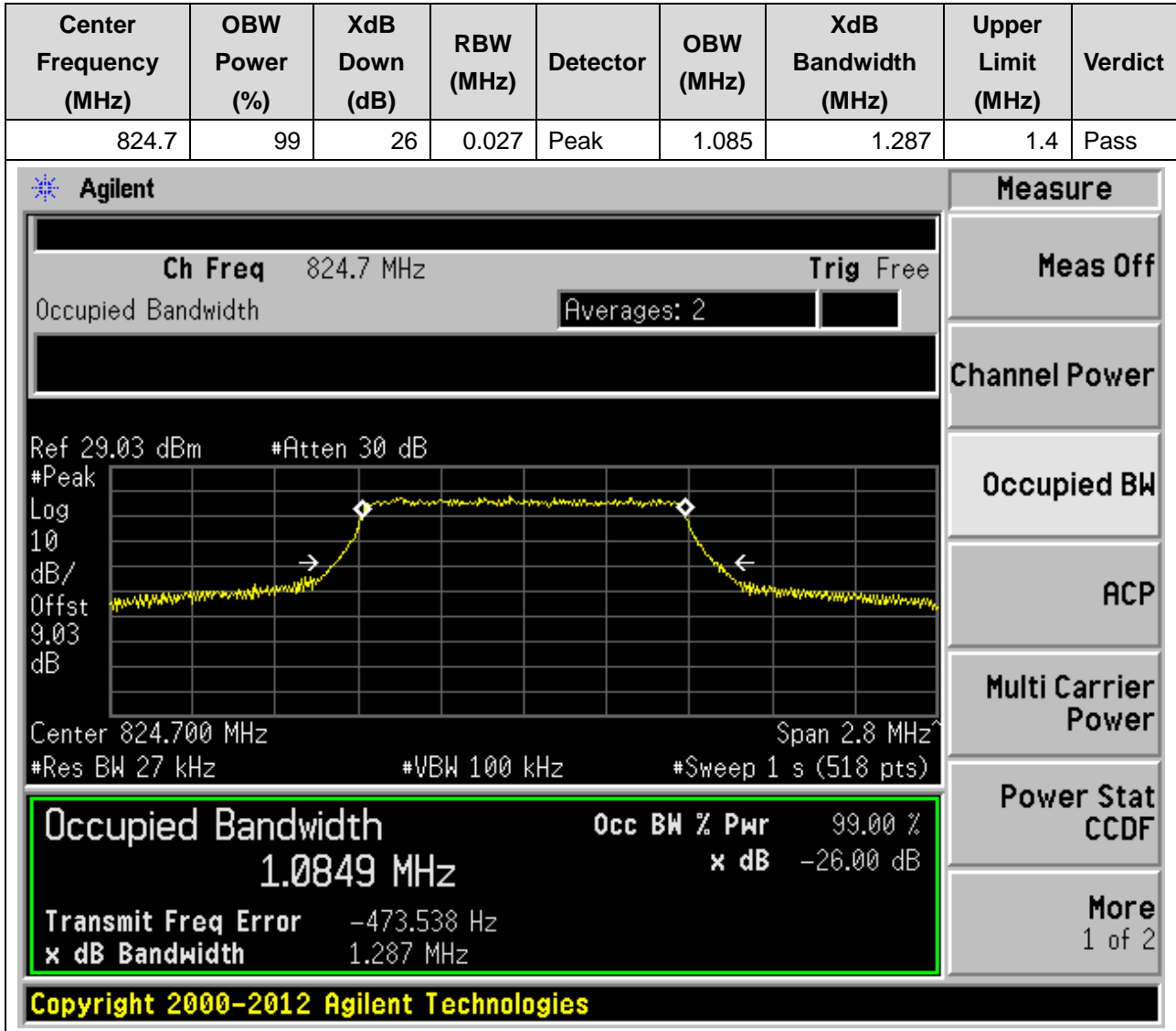
Transmit Freq Error 8.106 kHz

x dB Bandwidth 19.397 MHz

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10. LTE_Band5

10.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



10.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.091	1.301	1.4	Pass

Agilent

Measure

Ch Freq 824.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.03 dB

Center 824.700 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth

1.0912 MHz

Transmit Freq Error -1.171 kHz

x dB Bandwidth 1.301 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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10.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.086	1.307	1.4	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0861 MHz x dB -26.00 dB

Transmit Freq Error -344.095 Hz

x dB Bandwidth 1.307 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.084	1.266	1.4	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0836 MHz x dB -26.00 dB

Transmit Freq Error -724.814 Hz

x dB Bandwidth 1.266 MHz

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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10.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.095	1.259	1.4	Pass

Agilent
Measure

Ch Freq 848.3 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.1 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.1 dB

Center 848.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

1.0948 MHz

Transmit Freq Error -538.580 Hz

x dB Bandwidth 1.259 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.087	1.271	1.4	Pass

Agilent
Measure

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.1 dBm #Atten 30 dB

Center 848.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0870 MHz

Transmit Freq Error -1.549 kHz

x dB Bandwidth 1.271 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.692	2.938	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 825.500 MHz with a span of 6 MHz. The vertical axis is labeled 'dB/Offst' with a value of 9.03 dB. The horizontal axis is labeled 'MHz'.

Key parameters shown in the interface include:

- Center Freq: 825.5 MHz
- Trig: Free
- Occupied Bandwidth: 2.6920 MHz
- Occ BW % Pwr: 99.00 %
- x dB Bandwidth: 2.938 MHz
- Ref: 29.03 dBm
- #Atten: 30 dB
- #Peak: 10
- Log
- dB/Offst: 9.03 dB
- Center: 825.500 MHz
- Span: 6 MHz
- #Res BW: 62 kHz
- #VBW: 200 kHz
- #Sweep: 1 s (483 pts)

The 'Measure' menu on the right side of the screen includes options such as Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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10.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.691	2.938	3	Pass

Agilent

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

Center 825.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6909 MHz	x dB	-26.00 dB
Transmit Freq Error		-3.237 kHz
x dB Bandwidth		2.938 MHz

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10.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.695	2.929	3	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6948 MHz

Transmit Freq Error -1.545 kHz

x dB Bandwidth 2.929 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.692	2.939	3	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

Center 836.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6921 MHz x dB -26.00 dB

Transmit Freq Error -1.508 kHz

x dB Bandwidth 2.939 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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10.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.692	2.943	3	Pass

Agilent
Measure

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.09 dB

Center 847.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6920 MHz

Transmit Freq Error -2.640 kHz

x dB Bandwidth 2.943 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.685	2.953	3	Pass

Agilent
Measure

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

Center 847.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6854 MHz

Transmit Freq Error -198.550 Hz

x dB Bandwidth 2.953 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20425, 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
826.5	99	26	0.1	Peak	4.508	4.967	5	Pass

Agilent
Measure

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

Center 826.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.5078 MHz

Transmit Freq Error -5.100 kHz

x dB Bandwidth 4.967 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20425, 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
826.5	99	26	0.1	Peak	4.489	4.93	5	Pass

Agilent
Measure

Ch Freq 826.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

Center 826.500 MHz Span 10 MHz
 #Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth
4.4886 MHz

Transmit Freq Error -4.014 kHz

x dB Bandwidth 4.930 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20525, 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
836.5	99	26	0.1	Peak	4.487	4.955	5	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.01 dB

Center 836.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4873 MHz x dB -26.00 dB

Transmit Freq Error -5.542 kHz

x dB Bandwidth 4.955 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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10.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20525, 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
836.5	99	26	0.1	Peak	4.49	4.938	5	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

Center 836.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4900 MHz

Transmit Freq Error -3.000 kHz

x dB Bandwidth 4.938 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20625, 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
846.5	99	26	0.1	Peak	4.487	4.936	5	Pass

Agilent
Measure

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.07 dBm #Atten 30 dB

Center 846.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4875 MHz x dB -26.00 dB

Transmit Freq Error 2.569 kHz

x dB Bandwidth 4.936 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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10.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20625, 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
846.5	99	26	0.1	Peak	4.498	4.976	5	Pass

Agilent
Measure

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.07 dBm #Atten 30 dB

Center 846.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4981 MHz x dB -26.00 dB

Transmit Freq Error 849.775 Hz

x dB Bandwidth 4.976 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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10.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20450, 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
829	99	26	0.2	Peak	8.985	9.861	10	Pass

Agilent

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

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.06 dB

Center 829.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9847 MHz x dB -26.00 dB

Transmit Freq Error 2.250 kHz

x dB Bandwidth 9.861 MHz

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10.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20450, 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
829	99	26	0.2	Peak	8.972	9.774	10	Pass

Agilent
Measure

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.06 dB

Center 829.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9718 MHz

Transmit Freq Error -820.736 Hz

x dB Bandwidth 9.774 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20525, 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
836.5	99	26	0.2	Peak	8.941	9.735	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.50 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9410 MHz

Transmit Freq Error 2.201 kHz

x dB Bandwidth 9.735 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20525, 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
836.5	99	26	0.2	Peak	8.968	9.816	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.50 MHz Span 20 MHz

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

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

8.9675 MHz **x dB** -26.00 dB

Transmit Freq Error 4.051 kHz

x dB Bandwidth 9.816 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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10.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20600, 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
844	99	26	0.2	Peak	8.983	9.852	10	Pass

Agilent

Measure

Ch Freq 844 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.04

dB

Center 844.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9827 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.997 kHz	
x dB Bandwidth	9.852 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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10.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20600, 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
844	99	26	0.2	Peak	8.984	9.814	10	Pass

Agilent

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

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.04 dB

Center 844.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9835 MHz x dB -26.00 dB

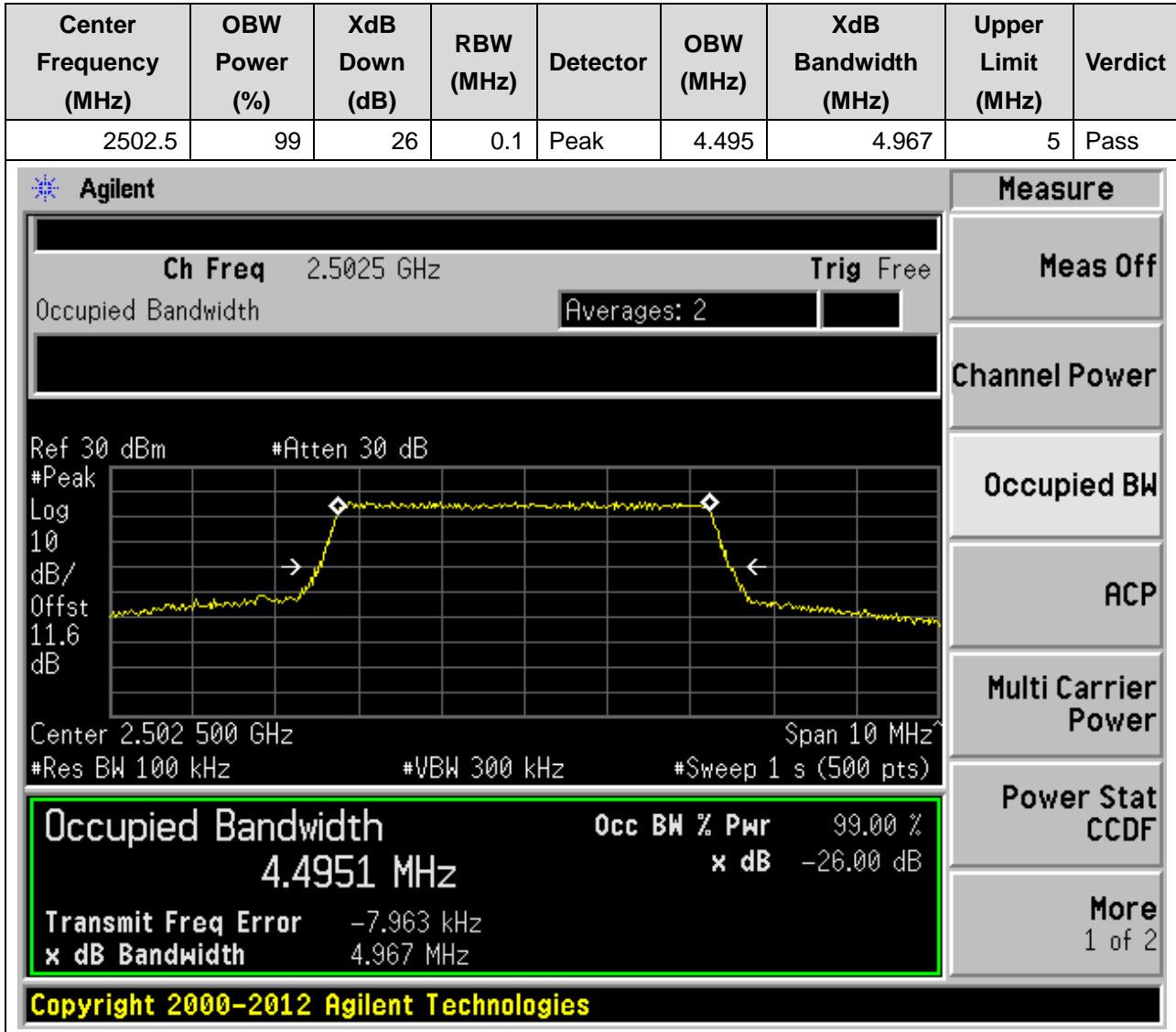
Transmit Freq Error -14.636 kHz

x dB Bandwidth 9.814 MHz

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11. LTE_Band7

11.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



11.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20775, 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
2502.5	99	26	0.1	Peak	4.489	4.921	5	Pass

Agilent

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

Ch Freq 2.5025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.502 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4887 MHz	x dB -26.00 dB
Transmit Freq Error -920.183 Hz	
x dB Bandwidth 4.921 MHz	

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11.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:21100, 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
2535	99	26	0.1	Peak	4.503	4.968	5	Pass

Agilent
Measure

Ch Freq 2.535 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 000 GHz Span 10 MHz
 #Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

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

4.5029 MHz **x dB** -26.00 dB

Transmit Freq Error -5.018 kHz

x dB Bandwidth 4.968 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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11.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:21100, 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
2535	99	26	0.1	Peak	4.5	4.964	5	Pass

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

Measurement	Value
Occupied Bandwidth	4.5001 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-4.266 kHz
x dB Bandwidth	4.964 MHz

Other visible parameters include: Ch Freq 2.535 GHz, Trig Free, Averages: 2, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.5 dB, Center 2.535 000 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 1 s (500 pts).

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11.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, 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
2567.5	99	26	0.1	Peak	4.486	4.918	5	Pass

Agilent
Measure

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.567 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4864 MHz

Transmit Freq Error -6.370 kHz

x dB Bandwidth 4.918 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:21425, 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
2567.5	99	26	0.1	Peak	4.495	4.973	5	Pass

Agilent
Measure

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.567 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4948 MHz

Transmit Freq Error -1.779 kHz

x dB Bandwidth 4.973 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20800, 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
2505	99	26	0.2	Peak	8.96	9.776	10	Pass

Agilent
Measure

Ch Freq 2.505 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 dB

Center 2.505 00 GHz Span 20 MHz

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

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

8.9603 MHz **x dB** -26.00 dB

Transmit Freq Error 3.975 kHz

x dB Bandwidth 9.776 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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11.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20800, 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
2505	99	26	0.2	Peak	8.96	9.775	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.505 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 11.6 dB', 'Center 2.505 00 GHz', 'Span 20 MHz', '#Res BW 200 kHz', '#VBW 620 kHz', and '#Sweep 1 s (500 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 8.9601 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 9.828 kHz', and 'x dB Bandwidth 9.775 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'.

11.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:21100, 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
2535	99	26	0.2	Peak	8.958	9.802	10	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 11.5 dB

Center 2.535 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9580 MHz

Transmit Freq Error -3.194 kHz

x dB Bandwidth 9.802 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:21100, 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
2535	99	26	0.2	Peak	8.967	9.755	10	Pass

Agilent
Measure

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9665 MHz

Transmit Freq Error 3.876 kHz

x dB Bandwidth 9.755 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:21400, 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
2565	99	26	0.2	Peak	8.976	9.75	10	Pass

Agilent

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

Ch Freq 2.565 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.565 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9758 MHz x dB -26.00 dB

Transmit Freq Error -14.902 kHz

x dB Bandwidth 9.750 MHz

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11.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:21400, 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
2565	99	26	0.2	Peak	8.975	9.838	10	Pass

Agilent
Measure

Ch Freq 2.565 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.565 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9747 MHz

Transmit Freq Error -12.232 kHz

x dB Bandwidth 9.838 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20825, 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
2507.5	99	26	0.3	Peak	13.444	14.708	15	Pass

Agilent
Measure

Ch Freq 2.5075 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.6

dB

Center 2.507 50 GHz Span 30 MHz

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

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

13.4443 MHz

x dB -26.00 dB

Transmit Freq Error 9.307 kHz

x dB Bandwidth 14.708 MHz

Power Stat

CCDF

More

1 of 2

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11.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20825, 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
2507.5	99	26	0.3	Peak	13.469	14.679	15	Pass

Agilent
Measure

Ch Freq 2.5075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.507 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4686 MHz

Transmit Freq Error -3.804 kHz

x dB Bandwidth 14.679 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:21100, 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
2535	99	26	0.3	Peak	13.419	14.673	15	Pass

Agilent
Measure

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4190 MHz

Transmit Freq Error 4.655 kHz

x dB Bandwidth 14.673 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:21100, 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
2535	99	26	0.3	Peak	13.435	14.628	15	Pass

Agilent
Measure

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4350 MHz

Transmit Freq Error 2.761 kHz

x dB Bandwidth 14.628 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:21375, 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
2562.5	99	26	0.3	Peak	13.433	14.708	15	Pass

Agilent
Measure

Ch Freq 2.5625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.562 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4328 MHz x dB -26.00 dB

Transmit Freq Error -11.104 kHz

x dB Bandwidth 14.708 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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11.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:21375, 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
2562.5	99	26	0.3	Peak	13.433	14.655	15	Pass

Agilent
Measure

Ch Freq 2.5625 GHz Trig Free

Occupied Bandwidth Averages: 2

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4334 MHz

Transmit Freq Error -9.189 kHz

x dB Bandwidth 14.655 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, 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
2510	99	26	0.39	Peak	17.914	19.246	20	Pass

Agilent
Measure

Ch Freq 2.51 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.510 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9139 MHz	x dB -26.00 dB
Transmit Freq Error 18.709 kHz	
x dB Bandwidth 19.246 MHz	

Power Stat CCDF
More 1 of 2

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11.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20850, 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
2510	99	26	0.39	Peak	17.895	19.382	20	Pass

Agilent
Measure

Ch Freq 2.51 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.510 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.8952 MHz x dB -26.00 dB

Transmit Freq Error 16.241 kHz

x dB Bandwidth 19.382 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

11.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, 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
2535	99	26	0.39	Peak	17.873	19.357	20	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

11.5 dB

Center 2.535 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

17.8728 MHz

Transmit Freq Error 5.707 kHz

x dB Bandwidth 19.357 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:21100, 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
2535	99	26	0.39	Peak	17.889	19.403	20	Pass

Agilent
Measure

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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

17.8893 MHz **x dB** -26.00 dB

Transmit Freq Error -1.792 kHz

x dB Bandwidth 19.403 MHz

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11.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:21350, 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
2560	99	26	0.39	Peak	17.915	19.525	20	Pass

Agilent
Measure

Ch Freq 2.56 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.560 00 GHz Span 40 MHz
 #Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9149 MHz	x dB -26.00 dB
Transmit Freq Error -21.784 kHz	
x dB Bandwidth 19.525 MHz	

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

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11.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, 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
2560	99	26	0.39	Peak	17.904	19.367	20	Pass

Agilent
Measure

Ch Freq 2.56 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.560 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9038 MHz

Transmit Freq Error -11.977 kHz

x dB Bandwidth 19.367 MHz

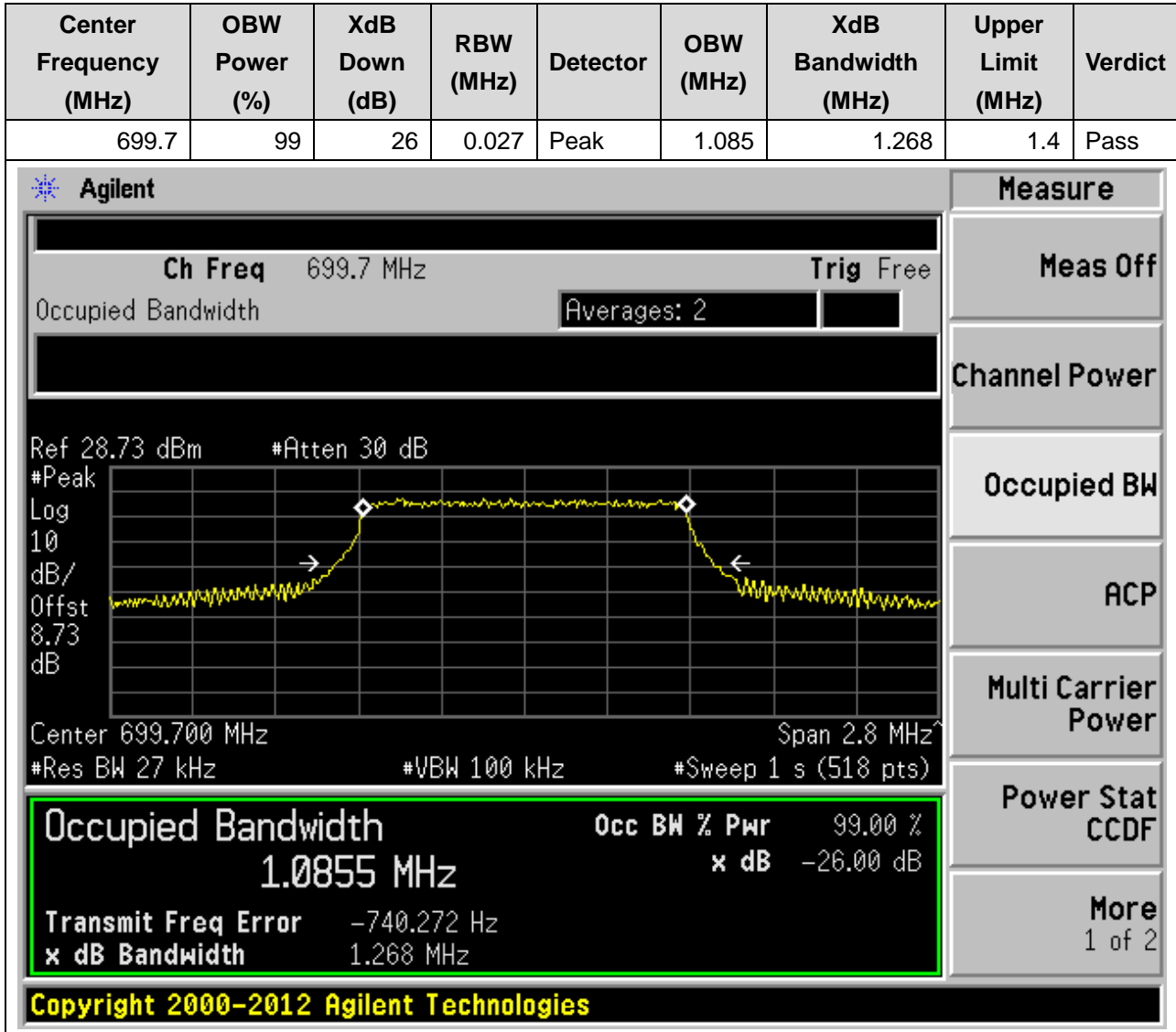
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12. LTE_Band12

12.1. LTE Occupied Bandwidth(NTLV)(Subtest:1, Channel:23017, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



12.2. LTE Occupied Bandwidth(NTLV)(Subtest:2, Channel:23017, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
699.7	99	26	0.027	Peak	1.092	1.301	1.4	Pass

Agilent
Measure

Ch Freq 699.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.73 dBm #Atten 30 dB

Center 699.700 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0923 MHz x dB -26.00 dB

Transmit Freq Error -1.570 kHz

x dB Bandwidth 1.301 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.3. LTE Occupied Bandwidth(NTLV)(Subtest:3, Channel:23095, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.027	Peak	1.088	1.286	1.4	Pass

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

Center 707.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0882 MHz

Transmit Freq Error 277.415 Hz

x dB Bandwidth 1.286 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.4. LTE Occupied Bandwidth(NTLV)(Subtest:4, Channel:23095, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.027	Peak	1.087	1.269	1.4	Pass

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

Center 707.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0867 MHz

Transmit Freq Error 238.608 Hz

x dB Bandwidth 1.269 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.5. LTE Occupied Bandwidth(NTLV)(Subtest:5, Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.089	1.265	1.4	Pass

Agilent
Measure

Ch Freq 715.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.77 dB

Center 715.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0894 MHz

Transmit Freq Error -1.448 kHz

x dB Bandwidth 1.265 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.6. LTE Occupied Bandwidth(NTLV)(Subtest:6, Channel:23173, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.09	1.272	1.4	Pass

Agilent
Measure

Ch Freq 715.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.77 dB

Center 715.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0903 MHz x dB -26.00 dB

Transmit Freq Error -1.241 kHz

x dB Bandwidth 1.272 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.7. LTE Occupied Bandwidth(NTLV)(Subtest:7, Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
700.5	99	26	0.062	Peak	2.689	2.939	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 700.5 MHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 28.73 dBm', '#Atten 30 dB', 'Log 10 dB/Offst 8.73 dB', 'Center 700.500 MHz', 'Span 6 MHz', '#Res BW 62 kHz', '#VBW 200 kHz', and '#Sweep 1 s (483 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 2.6887 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, it shows 'Transmit Freq Error -1.179 kHz' and 'x dB Bandwidth 2.939 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'.

12.8. LTE Occupied Bandwidth(NTLV)(Subtest:8, Channel:23025, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
700.5	99	26	0.062	Peak	2.689	2.915	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 700.500 MHz and a span of 6 MHz. The vertical axis is labeled 'dB/Offst' with a value of 8.73 dB. The horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 700.5 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6889 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -1.195 kHz and the 'x dB Bandwidth' is 2.915 MHz. The interface also shows various measurement settings and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	x dB
2.6889 MHz	99.00 %	-26.00 dB

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12.9. LTE Occupied Bandwidth(NTLV)(Subtest:9, Channel:23095, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.062	Peak	2.692	2.931	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 707.500 MHz and a span of 6 MHz. The resolution bandwidth (RBW) is 62 kHz, and the video bandwidth (VBW) is 200 kHz. The sweep time is 1 second with 483 points. The plot shows a signal with a peak level of approximately 28.77 dBm and a noise floor of approximately 8.77 dBm. The occupied bandwidth is measured as 2.6922 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -1.959 kHz, and the XdB bandwidth is 2.931 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 displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
2.6922 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -1.959 kHz
 x dB Bandwidth: 2.931 MHz

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12.10. LTE Occupied Bandwidth(NTLV)(Subtest:10, Channel:23095, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.062	Peak	2.691	2.943	3	Pass

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

Center 707.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6910 MHz

Transmit Freq Error -1.530 kHz

x dB Bandwidth 2.943 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.11. LTE Occupied Bandwidth(NTLV)(Subtest:11, Channel:23165, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.701	2.931	3	Pass

Agilent
Measure

Ch Freq 714.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.77 dB

Center 714.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7014 MHz x dB -26.00 dB

Transmit Freq Error -5.494 kHz

x dB Bandwidth 2.931 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.12. LTE Occupied Bandwidth(NTLV)(Subtest:12, Channel:23165, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.689	2.933	3	Pass

Agilent
Measure

Ch Freq 714.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

Center 714.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6891 MHz

Transmit Freq Error -5.679 kHz

x dB Bandwidth 2.933 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.13. LTE Occupied Bandwidth(NTLV)(Subtest:13, Channel:23035, 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
701.5	99	26	0.1	Peak	4.496	4.952	5	Pass

Agilent
Measure

Ch Freq 701.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.74 dBm #Atten 30 dB

Center 701.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4959 MHz

Occ BW % Pwr

99.00 %

x dB

-26.00 dB

Transmit Freq Error -5.808 kHz

x dB Bandwidth 4.952 MHz

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12.14. LTE Occupied Bandwidth(NTLV)(Subtest:14, Channel:23035, 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
701.5	99	26	0.1	Peak	4.493	4.918	5	Pass

Agilent
Measure

Ch Freq 701.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.74 dBm #Atten 30 dB

Center 701.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4933 MHz

Transmit Freq Error -6.120 kHz

x dB Bandwidth 4.918 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.15. LTE Occupied Bandwidth(NTLV)(Subtest:15, Channel:23095, 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
707.5	99	26	0.1	Peak	4.487	4.968	5	Pass

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

Center 707.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4871 MHz x dB -26.00 dB

Transmit Freq Error -3.959 kHz

x dB Bandwidth 4.968 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.16. LTE Occupied Bandwidth(NTLV)(Subtest:16, Channel:23095, 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
707.5	99	26	0.1	Peak	4.503	4.981	5	Pass

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

Center 707.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.5028 MHz

Transmit Freq Error -3.362 kHz

x dB Bandwidth 4.981 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.17. LTE Occupied Bandwidth(NTLV)(Subtest:17, Channel:23155, 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
713.5	99	26	0.1	Peak	4.489	4.909	5	Pass

Agilent
Measure

Ch Freq 713.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.77 dB

Center 713.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4887 MHz x dB -26.00 dB

Transmit Freq Error -4.351 kHz

x dB Bandwidth 4.909 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.18. LTE Occupied Bandwidth(NTLV)(Subtest:18, Channel:23155, 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
713.5	99	26	0.1	Peak	4.486	4.983	5	Pass

Agilent
Measure

Ch Freq 713.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.77

dB

Center 713.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4865 MHz x dB -26.00 dB

Transmit Freq Error -10.777 kHz

x dB Bandwidth 4.983 MHz

Power Stat CCDF

More 1 of 2

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12.19. LTE Occupied Bandwidth(NTLV)(Subtest:19, Channel:23060, 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
704	99	26	0.2	Peak	8.984	9.866	10	Pass

Agilent
Measure

Ch Freq 704 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.75 dBm #Atten 30 dB

Center 704.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9843 MHz x dB -26.00 dB

Transmit Freq Error 1.986 kHz

x dB Bandwidth 9.866 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.20. LTE Occupied Bandwidth(NTLV)(Subtest:20, Channel:23060, 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
704	99	26	0.2	Peak	8.966	9.728	10	Pass

Agilent

Measure

Ch Freq 704 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.75 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.75 dB

Center 704.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth

8.9662 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 2.495 kHz
x dB Bandwidth 9.728 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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12.21. LTE Occupied Bandwidth(NTLV)(Subtest:21, Channel:23095, 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
707.5	99	26	0.2	Peak	8.969	9.823	10	Pass

Agilent
Measure

Ch Freq 707.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.77 dB

Center 707.50 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9694 MHz

Transmit Freq Error -1.266 kHz

x dB Bandwidth 9.823 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.22. LTE Occupied Bandwidth(NTLV)(Subtest:22, Channel:23095, 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
707.5	99	26	0.2	Peak	8.962	9.799	10	Pass

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.77 dB

Center 707.50 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9622 MHz

Transmit Freq Error -5.024 kHz

x dB Bandwidth 9.799 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.23. LTE Occupied Bandwidth(NTLV)(Subtest:23, Channel:23130, 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
711	99	26	0.2	Peak	8.948	9.79	10	Pass

Agilent
Measure

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

Center 711.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9481 MHz

Transmit Freq Error -14.575 kHz

x dB Bandwidth 9.790 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.24. LTE Occupied Bandwidth(NTLV)(Subtest:24, Channel:23130, 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
711	99	26	0.2	Peak	8.951	9.743	10	Pass

Agilent

Measure

Ch Freq 711 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
8.78
dB

Center 711.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9513 MHz	x dB	-26.00 dB
Transmit Freq Error	2.200 kHz	
x dB Bandwidth	9.743 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

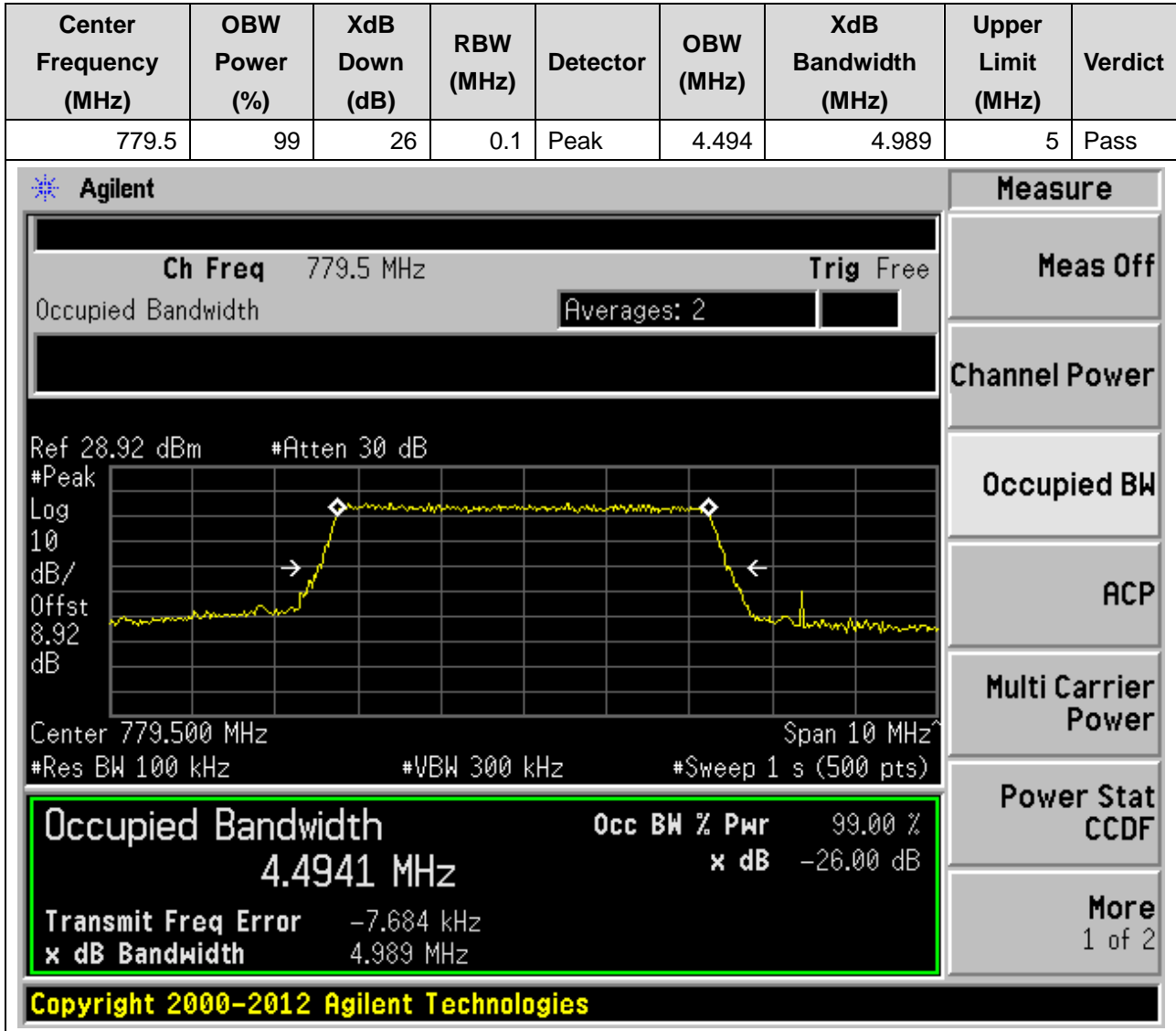
Power Stat CCDF

More
1 of 2

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13. LTE_Band13

13.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



13.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:23205, 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
779.5	99	26	0.1	Peak	4.495	4.955	5	Pass

Agilent
Measure

Ch Freq 779.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 28.92 dBm #Atten 30 dB

Center 779.500 MHz Span 10 MHz
 #Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4949 MHz	x dB -26.00 dB
Transmit Freq Error -2.495 kHz	
x dB Bandwidth 4.955 MHz	

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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13.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23230, 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
782	99	26	0.1	Peak	4.488	4.933	5	Pass

Agilent
Measure

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.91 dBm #Atten 30 dB

Center 782.000 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4884 MHz x dB -26.00 dB

Transmit Freq Error -1.210 kHz

x dB Bandwidth 4.933 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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13.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:23230, 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
782	99	26	0.1	Peak	4.494	4.96	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 782 MHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 28.91 dBm', '#Atten 30 dB', 'Log 10 dB/Offst 8.91 dB', 'Center 782.000 MHz', 'Span 10 MHz', '#Res BW 100 kHz', '#VBW 300 kHz', and '#Sweep 1 s (500 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 4.4937 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error -4.063 kHz', and 'x dB Bandwidth 4.960 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'.

13.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23255, 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
784.5	99	26	0.1	Peak	4.499	4.984	5	Pass

Agilent
Measure

Ch Freq 784.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.89 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.89 dB

Center 784.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4991 MHz

Transmit Freq Error -2.061 kHz

x dB Bandwidth 4.984 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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13.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23255, 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
784.5	99	26	0.1	Peak	4.491	4.924	5	Pass

Agilent
Measure

Ch Freq 784.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.89 dBm #Atten 30 dB

Center 784.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4912 MHz

Transmit Freq Error -3.158 kHz

x dB Bandwidth 4.924 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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13.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23230, 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
782	99	26	0.2	Peak	8.977	9.894	10	Pass

Agilent
Measure

Ch Freq 782 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.91 dBm #Atten 30 dB

Center 782.00 MHz Span 20 MHz
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9772 MHz x dB -26.00 dB

Transmit Freq Error 159.389 Hz

x dB Bandwidth 9.894 MHz

More
1 of 2

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13.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23230, 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
782	99	26	0.2	Peak	8.973	9.785	10	Pass

Agilent
Measure

Ch Freq 782 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.91 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.91

dB

Center 782.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9726 MHz

x dB -26.00 dB

Transmit Freq Error 6.611 kHz

x dB Bandwidth 9.785 MHz

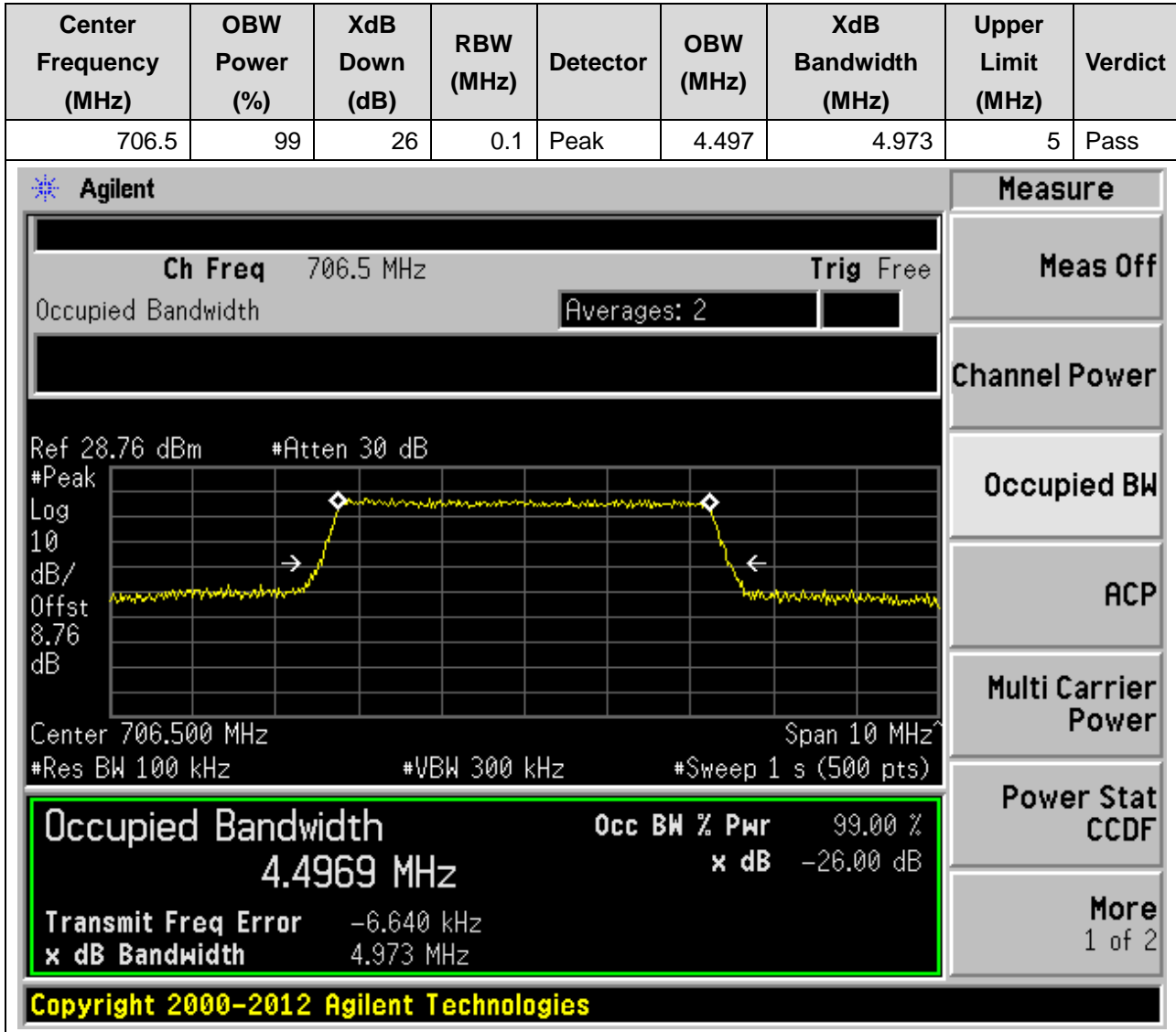
Power Stat CCDF

More 1 of 2

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14. LTE_Band17

14.1. LTE Occupied Bandwidth(NTLV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



14.2. LTE Occupied Bandwidth(NTLV)(Subtest:2, Channel:23755, 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
706.5	99	26	0.1	Peak	4.489	4.959	5	Pass

Agilent
Measure

Ch Freq 706.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.76 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.76 dB

Center 706.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4888 MHz x dB -26.00 dB

Transmit Freq Error -5.710 kHz

x dB Bandwidth 4.959 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

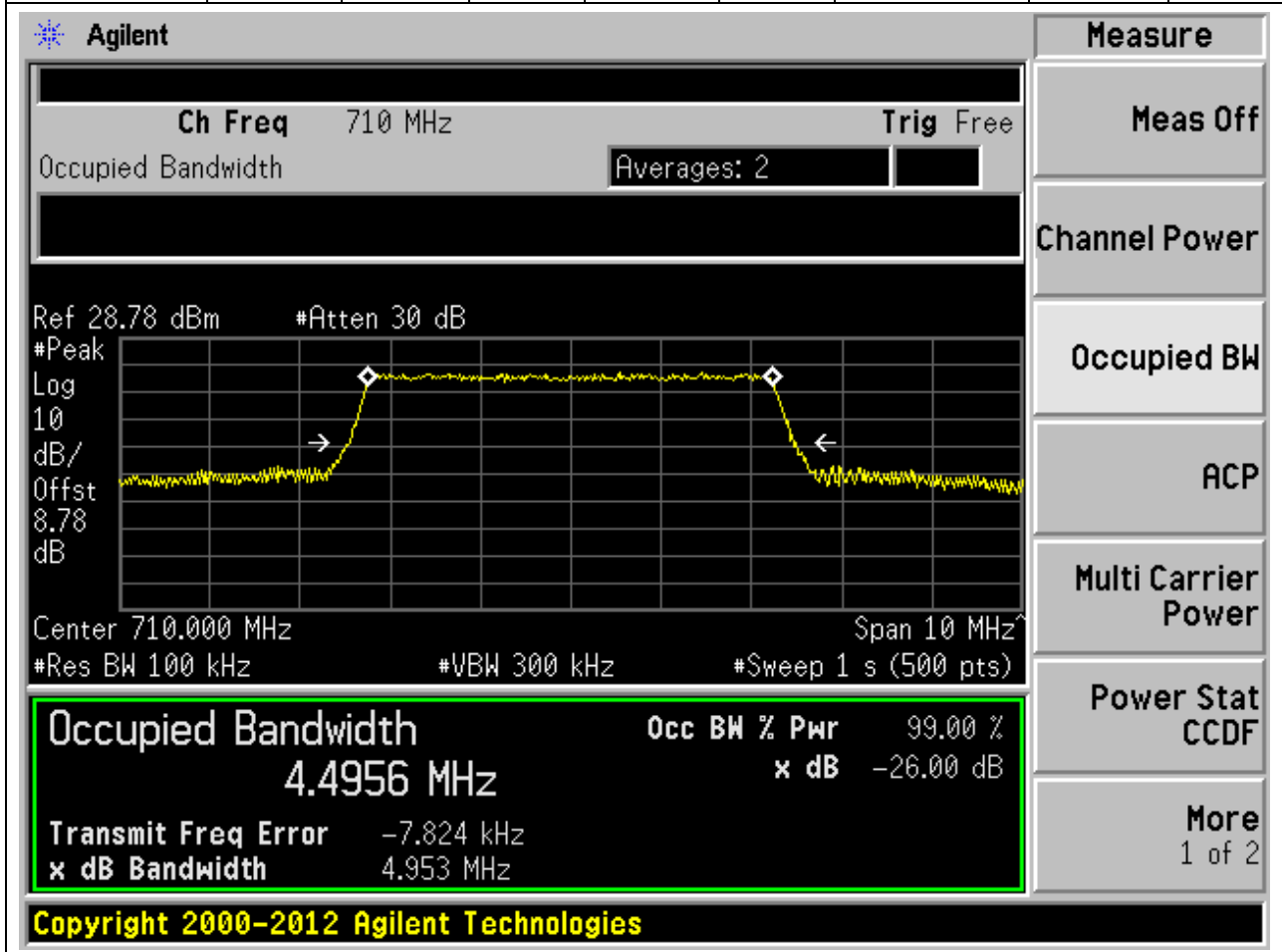
Power Stat CCDF

More 1 of 2

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14.3. LTE Occupied Bandwidth(NTLV)(Subtest:3, Channel:23790, 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
710	99	26	0.1	Peak	4.496	4.953	5	Pass



14.4. LTE Occupied Bandwidth(NTLV)(Subtest:4, Channel:23790, 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
710	99	26	0.1	Peak	4.5	4.967	5	Pass

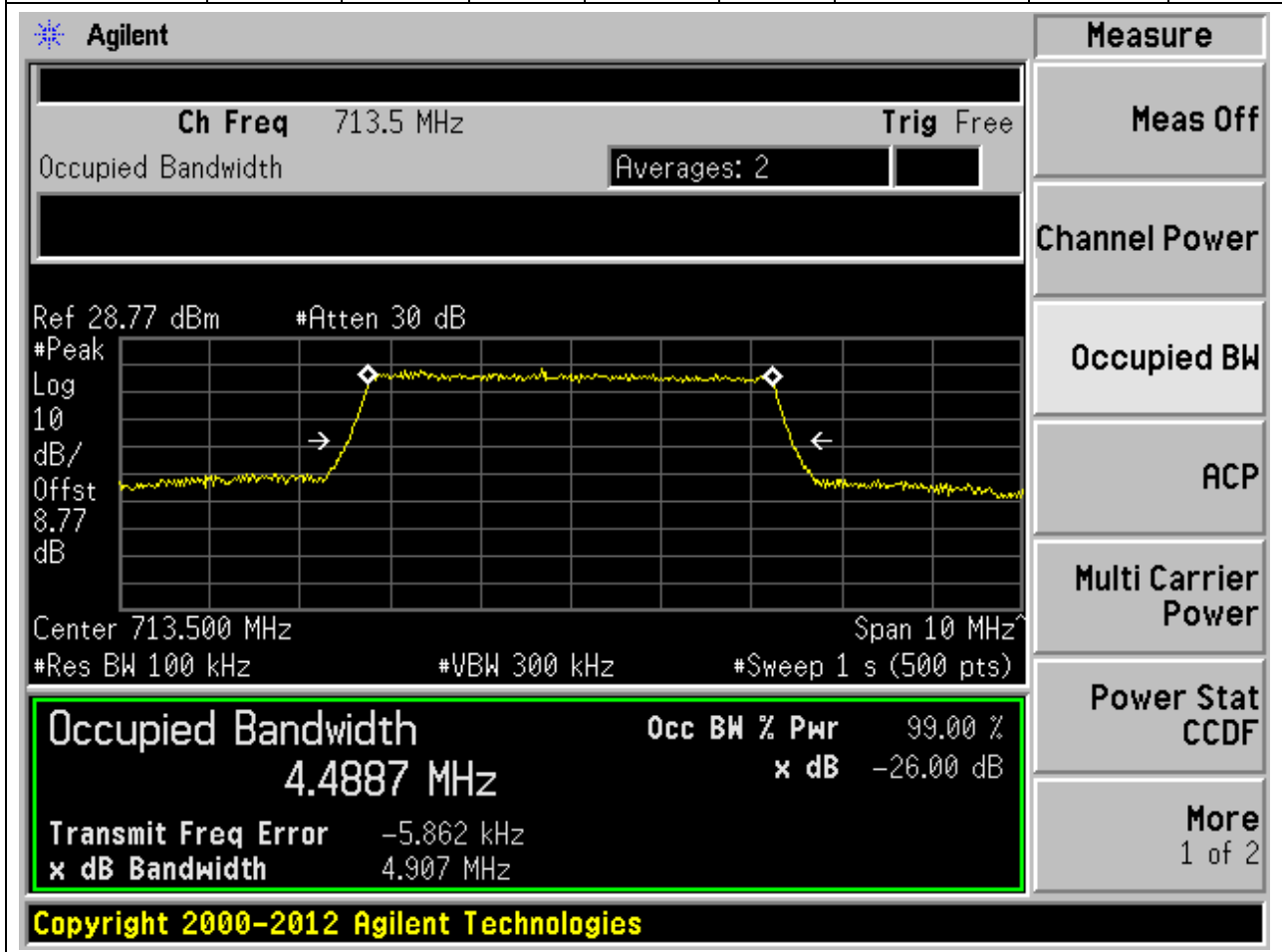
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 710.000 MHz with a span of 10 MHz. The vertical axis is labeled 'dB' with a reference level of 28.78 dBm and an attenuation of 30 dB. The horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 710 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.4996 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -1.363 kHz and the 'x dB Bandwidth' is 4.967 MHz. The 'Measure' menu on the right includes options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

Occupied Bandwidth	Occ BW % Pwr	x dB
4.4996 MHz	99.00 %	-26.00 dB

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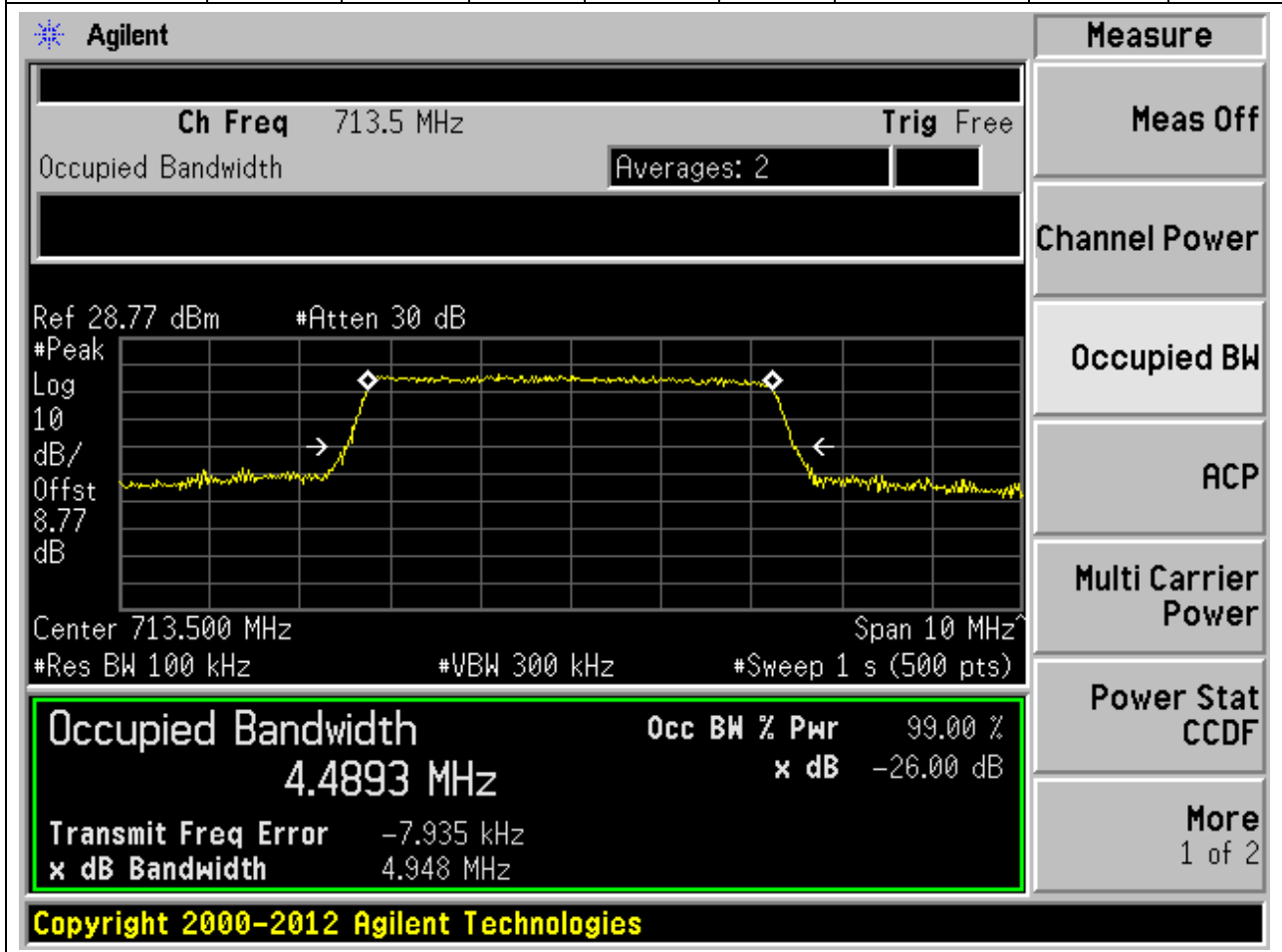
14.5. LTE Occupied Bandwidth(NTLV)(Subtest:5, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.489	4.907	5	Pass



14.6. LTE Occupied Bandwidth(NTLV)(Subtest:6, Channel:23825, 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
713.5	99	26	0.1	Peak	4.489	4.948	5	Pass



14.7. LTE Occupied Bandwidth(NTLV)(Subtest:7, Channel:23780, 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
709	99	26	0.2	Peak	8.979	9.844	10	Pass

Agilent
Measure

Ch Freq 709 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.78 dB

Center 709.00 MHz Span 20 MHz

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

Occupied Bandwidth

8.9787 MHz

Transmit Freq Error 560.066 Hz

x dB Bandwidth 9.844 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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14.8. LTE Occupied Bandwidth(NTLV)(Subtest:8, Channel:23780, 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
709	99	26	0.2	Peak	8.97	9.747	10	Pass

Agilent

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

Ch Freq 709 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.78 dB

Center 709.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9702 MHz x dB -26.00 dB

Transmit Freq Error 739.828 Hz

x dB Bandwidth 9.747 MHz

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14.9. LTE Occupied Bandwidth(NTLV)(Subtest:9, Channel:23790, 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
710	99	26	0.2	Peak	8.949	9.745	10	Pass

Agilent
Measure

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.78 dB

Center 710.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9492 MHz

Transmit Freq Error 93.801 Hz

x dB Bandwidth 9.745 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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14.10. LTE Occupied Bandwidth(NTLV)(Subtest:10, Channel:23790, 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
710	99	26	0.2	Peak	8.961	9.781	10	Pass

Agilent
Measure

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.78 dB

Center 710.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9608 MHz x dB -26.00 dB

Transmit Freq Error -7.592 kHz

x dB Bandwidth 9.781 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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14.11. LTE Occupied Bandwidth(NTLV)(Subtest:11, Channel:23800, 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
711	99	26	0.2	Peak	8.948	9.745	10	Pass

Agilent
Measure

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.78 dB

Center 711.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9479 MHz

Transmit Freq Error -14.951 kHz

x dB Bandwidth 9.745 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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14.12. LTE Occupied Bandwidth(NTLV)(Subtest:12, Channel:23800, 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
711	99	26	0.2	Peak	8.954	9.824	10	Pass

Agilent
Measure

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.78 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.78 dB

Center 711.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9535 MHz

Transmit Freq Error -19.016 kHz

x dB Bandwidth 9.824 MHz

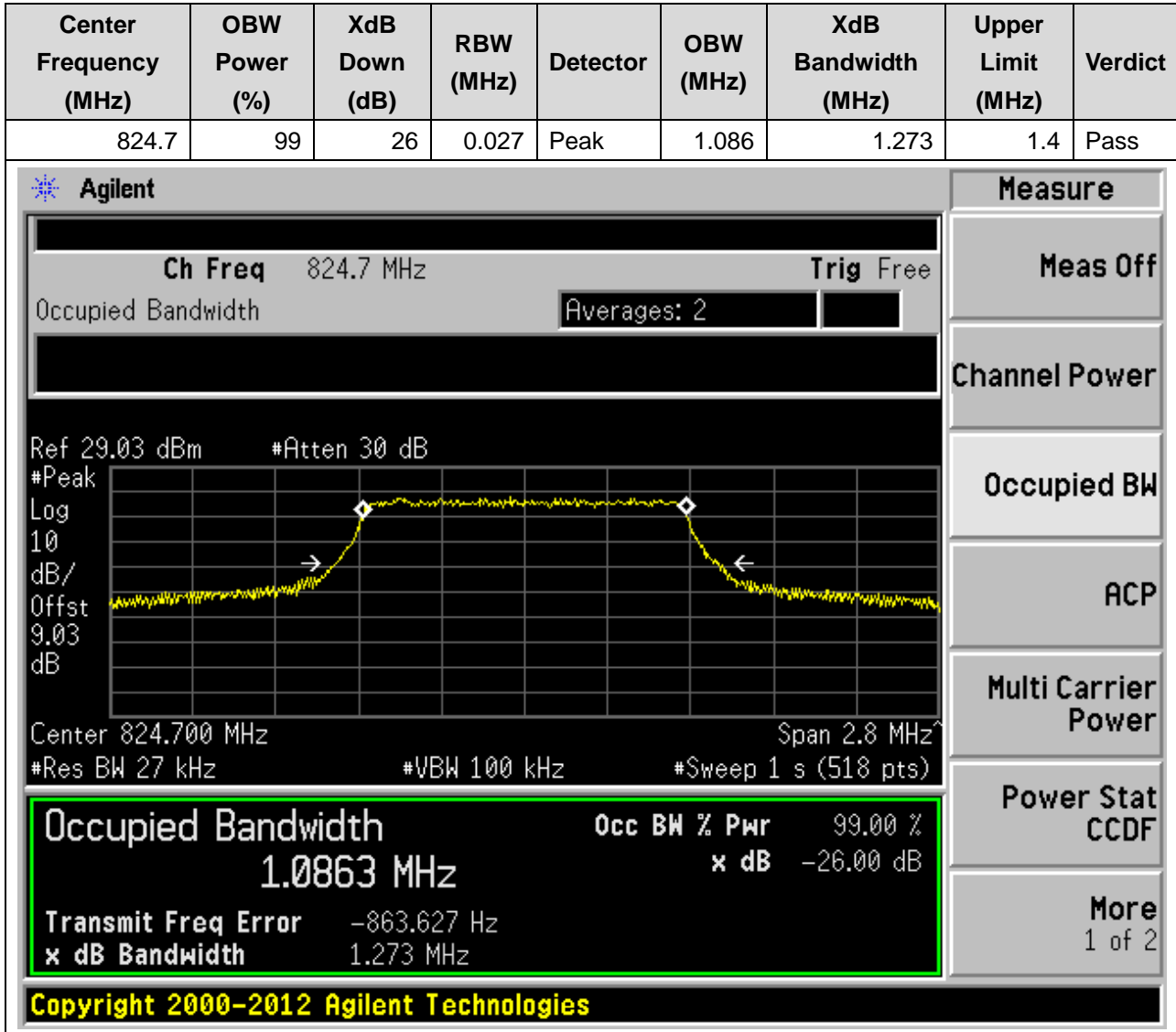
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15. LTE_Band26(part22)

15.1. LTE Occupied Bandwidth(NTLV)(Subtest:1, Channel:26797, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



15.2. LTE Occupied Bandwidth(NTLV)(Subtest:2, Channel:26797, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.089	1.302	1.4	Pass

Agilent
Measure

Ch Freq 824.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

Center 824.700 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0891 MHz

Transmit Freq Error -961.146 Hz

x dB Bandwidth 1.302 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.3. LTE Occupied Bandwidth(NTLV)(Subtest:3, Channel:26915, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.087	1.307	1.4	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0875 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 248.938 Hz

x dB Bandwidth 1.307 MHz

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15.4. LTE Occupied Bandwidth(NTLV)(Subtest:4, Channel:26915, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.085	1.269	1.4	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

Center 836.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0846 MHz

Transmit Freq Error -1.688 kHz

x dB Bandwidth 1.269 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.5. LTE Occupied Bandwidth(NTLV)(Subtest:5, Channel:27033, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.094	1.267	1.4	Pass

Agilent
Measure

Ch Freq 848.3 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 29.1 dBm #Atten 30 dB

Center 848.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

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

1.0939 MHz **x dB** -26.00 dB

Transmit Freq Error -1.468 kHz

x dB Bandwidth 1.267 MHz

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15.6. LTE Occupied Bandwidth(NTLV)(Subtest:6, Channel:27033, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.089	1.282	1.4	Pass

Agilent
Measure

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.1 dBm #Atten 30 dB

Center 848.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0893 MHz

Transmit Freq Error -638.887 Hz

x dB Bandwidth 1.282 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.7. LTE Occupied Bandwidth(NTLV)(Subtest:7, Channel:26805, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.694	2.956	3	Pass

Agilent
Measure

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.03 dB

Center 825.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6939 MHz x dB -26.00 dB

Transmit Freq Error -3.654 kHz

x dB Bandwidth 2.956 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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15.8. LTE Occupied Bandwidth(NTLV)(Subtest:8, Channel:26805, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.693	2.945	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 825.500 MHz and a span of 6 MHz. The resolution bandwidth (RBW) is 62 kHz, and the video bandwidth (VBW) is 200 kHz. The sweep time is 1 second with 483 points. The plot shows a signal with a peak at approximately 825.5 MHz. The occupied bandwidth is measured as 2.6933 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The transmit frequency error is -2.831 kHz, and the XdB bandwidth is 2.945 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 %
2.6933 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.831 kHz	
x dB Bandwidth	2.945 MHz	

15.9. LTE Occupied Bandwidth(NTLV)(Subtest:9, Channel:26915, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.688	2.934	3	Pass

Agilent

Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 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 %
2.6878 MHz	x dB -26.00 dB
Transmit Freq Error -548.725 Hz	
x dB Bandwidth 2.934 MHz	

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15.10. LTE Occupied Bandwidth(NTLV)(Subtest:10, Channel:26915, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.688	2.932	3	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

Center 836.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6876 MHz x dB -26.00 dB

Transmit Freq Error -3.482 kHz

x dB Bandwidth 2.932 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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15.11. LTE Occupied Bandwidth(NTLV)(Subtest:11, Channel:27025, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.695	2.95	3	Pass

Agilent
Measure

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.09 dB

Center 847.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6950 MHz

Transmit Freq Error -299.269 Hz

x dB Bandwidth 2.950 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.12. LTE Occupied Bandwidth(NTLV)(Subtest:12, Channel:27025, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.688	2.947	3	Pass

Agilent

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

Center 847.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6878 MHz x dB -26.00 dB

Transmit Freq Error -267.956 Hz

x dB Bandwidth 2.947 MHz

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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15.13. LTE Occupied Bandwidth(NTLV)(Subtest:13, Channel:26815, 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
826.5	99	26	0.1	Peak	4.503	4.968	5	Pass

Agilent
Measure

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.04 dB

Center 826.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5032 MHz x dB -26.00 dB

Transmit Freq Error -5.819 kHz

x dB Bandwidth 4.968 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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15.14. LTE Occupied Bandwidth(NTLV)(Subtest:14, Channel:26815, 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
826.5	99	26	0.1	Peak	4.488	4.935	5	Pass

Agilent
Measure

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.04 dB

Center 826.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4883 MHz x dB -26.00 dB

Transmit Freq Error -2.751 kHz

x dB Bandwidth 4.935 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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15.15. LTE Occupied Bandwidth(NTLV)(Subtest:15, Channel:26915, 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
836.5	99	26	0.1	Peak	4.486	4.998	5	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.01 dB

Center 836.500 MHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4857 MHz x dB -26.00 dB

Transmit Freq Error -947.941 Hz

x dB Bandwidth 4.998 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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15.16. LTE Occupied Bandwidth(NTLV)(Subtest:16, Channel:26915, 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
836.5	99	26	0.1	Peak	4.49	4.941	5	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.01 dB

Center 836.500 MHz Span 10 MHz

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

Occupied Bandwidth

4.4901 MHz

Transmit Freq Error -3.062 kHz

x dB Bandwidth 4.941 MHz

Occ BW % Pwr

99.00 %

x dB

-26.00 dB

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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15.17. LTE Occupied Bandwidth(NTLV)(Subtest:17, Channel:27015, 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
846.5	99	26	0.1	Peak	4.489	4.936	5	Pass

Agilent
Measure

Ch Freq 846.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.07 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.07

dB

Center 846.500 MHz Span 10 MHz

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

Occupied Bandwidth

4.4891 MHz

Transmit Freq Error 3.897 kHz

x dB Bandwidth 4.936 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat

CCDF

More

1 of 2

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15.18. LTE Occupied Bandwidth(NTLV)(Subtest:18, Channel:27015, 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
846.5	99	26	0.1	Peak	4.492	4.964	5	Pass

Agilent
Measure

Ch Freq 846.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.07 dBm #Atten 30 dB
#Peak Log 10 dB/ Offst 9.07 dB
Center 846.500 MHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

4.4920 MHz

Transmit Freq Error 3.758 kHz

x dB Bandwidth 4.964 MHz

Occ BW % Pwr

99.00 %

x dB -26.00 dB

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15.19. LTE Occupied Bandwidth(NTLV)(Subtest:19, Channel:26840, 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
829	99	26	0.2	Peak	8.989	9.913	10	Pass

Agilent
Measure

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.06 dB

Center 829.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9888 MHz

Transmit Freq Error 1.633 kHz

x dB Bandwidth 9.913 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.20. LTE Occupied Bandwidth(NTLV)(Subtest:20, Channel:26840, 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
829	99	26	0.2	Peak	8.979	9.759	10	Pass

Agilent
Measure

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.06 dB

Center 829.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9791 MHz x dB -26.00 dB

Transmit Freq Error 3.988 kHz

x dB Bandwidth 9.759 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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15.21. LTE Occupied Bandwidth(NTLV)(Subtest:21, Channel:26915, 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
836.5	99	26	0.2	Peak	8.957	9.762	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.01 dB

Center 836.50 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9575 MHz

Transmit Freq Error 2.675 kHz

x dB Bandwidth 9.762 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.22. LTE Occupied Bandwidth(NTLV)(Subtest:22, Channel:26915, 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
836.5	99	26	0.2	Peak	8.952	9.772	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 836.50 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9519 MHz

Transmit Freq Error -1.608 kHz

x dB Bandwidth 9.772 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.23. LTE Occupied Bandwidth(NTLV)(Subtest:23, Channel:26990, 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
844	99	26	0.2	Peak	8.989	9.829	10	Pass

Agilent
Measure

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.04 dB

Center 844.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9886 MHz

Transmit Freq Error -14.064 kHz

x dB Bandwidth 9.829 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.24. LTE Occupied Bandwidth(NTLV)(Subtest:24, Channel:26990, 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
844	99	26	0.2	Peak	8.969	9.83	10	Pass

Agilent
Measure

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.04 dB

Center 844.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9691 MHz

Transmit Freq Error -11.008 kHz

x dB Bandwidth 9.830 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.25. LTE Occupied Bandwidth(NTLV)(Subtest:25, Channel:26865, 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
831.5	99	26	0.3	Peak	13.453	14.723	15	Pass

Agilent
Measure

Ch Freq 831.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.05 dBm #Atten 30 dB

Center 831.50 MHz Span 30 MHz

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

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

13.4528 MHz

x dB Bandwidth **x dB** -26.00 dB

Transmit Freq Error -7.404 kHz

Power Stat

CCDF

More

1 of 2

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15.26. LTE Occupied Bandwidth(NTLV)(Subtest:26, Channel:26865, 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
831.5	99	26	0.3	Peak	13.457	14.716	15	Pass

Agilent
Measure

Ch Freq 831.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.05 dBm #Atten 30 dB

Center 831.50 MHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4574 MHz

Transmit Freq Error 12.564 kHz

x dB Bandwidth 14.716 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.27. LTE Occupied Bandwidth(NTLV)(Subtest:27, Channel:26915, 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
836.5	99	26	0.3	Peak	13.397	14.596	15	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: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.01 dB

Center 836.50 MHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.3968 MHz x dB -26.00 dB

Transmit Freq Error 8.286 kHz

x dB Bandwidth 14.596 MHz

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15.28. LTE Occupied Bandwidth(NTLV)(Subtest:28, Channel:26915, 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
836.5	99	26	0.3	Peak	13.413	14.628	15	Pass

Agilent

Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
9.01
dB

Center 836.50 MHz Span 30 MHz
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4132 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.650 kHz	
x dB Bandwidth	14.628 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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15.29. LTE Occupied Bandwidth(NTLV)(Subtest:29, Channel:26965, 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
841.5	99	26	0.3	Peak	13.446	14.689	15	Pass

Agilent
Measure

Ch Freq 841.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

Center 841.50 MHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4459 MHz

Transmit Freq Error -2.736 kHz

x dB Bandwidth 14.689 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.30. LTE Occupied Bandwidth(NTLV)(Subtest:30, Channel:26965, 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
841.5	99	26	0.3	Peak	13.463	14.654	15	Pass

Agilent
Measure

Ch Freq 841.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 841.50 MHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4634 MHz

Transmit Freq Error -8.440 kHz

x dB Bandwidth 14.654 MHz

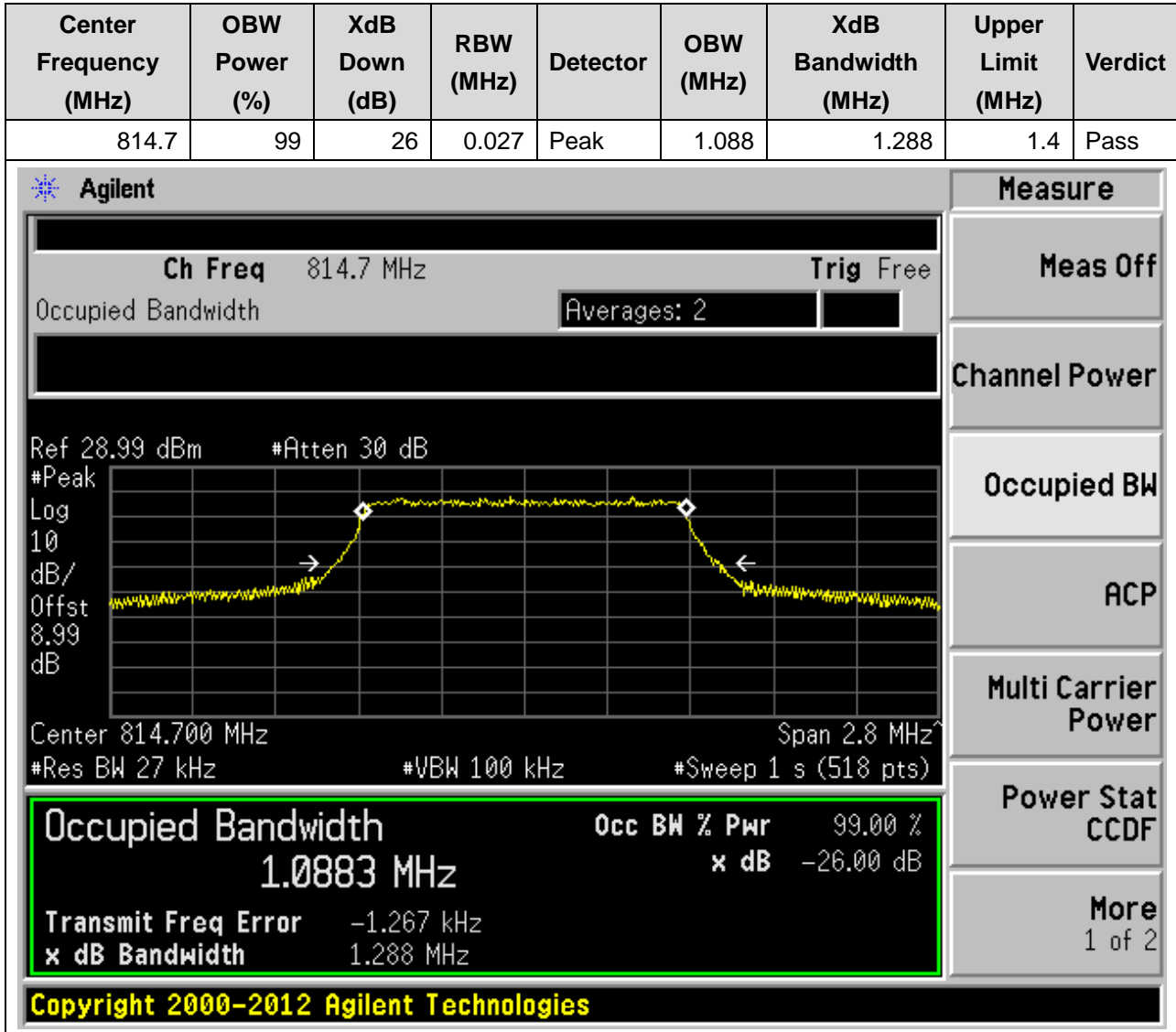
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16. LTE_Band26(part90)

16.1. LTE Occupied Bandwidth(NTLV)(Subtest:1, Channel:26697, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



16.2. LTE Occupied Bandwidth(NTLV)(Subtest:2, Channel:26697, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
814.7	99	26	0.027	Peak	1.089	1.304	1.4	Pass

Agilent

Ch Freq 814.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.99 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.99 dB

Center 814.700 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0892 MHz x dB -26.00 dB

Transmit Freq Error -825.298 Hz

x dB Bandwidth 1.304 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

16.3. LTE Occupied Bandwidth(NTLV)(Subtest:3, Channel:26740, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.027	Peak	1.091	1.286	1.4	Pass

Agilent
Measure

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB

Center 819.000 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0906 MHz

Transmit Freq Error 44.601 Hz

x dB Bandwidth 1.286 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.4. LTE Occupied Bandwidth(NTLV)(Subtest:4, Channel:26740, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.027	Peak	1.084	1.272	1.4	Pass

Agilent
Measure

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB

Center 819.000 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0844 MHz

Transmit Freq Error -1.575 kHz

x dB Bandwidth 1.272 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.5. LTE Occupied Bandwidth(NTLV)(Subtest:5, Channel:26783, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
823.3	99	26	0.027	Peak	1.091	1.27	1.4	Pass

Agilent
Measure

Ch Freq 823.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

Center 823.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0915 MHz x dB -26.00 dB

Transmit Freq Error -2.288 kHz

x dB Bandwidth 1.270 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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16.6. LTE Occupied Bandwidth(NTLV)(Subtest:6, Channel:26783, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
823.3	99	26	0.027	Peak	1.088	1.266	1.4	Pass

Agilent
Measure

Ch Freq 823.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

Center 823.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0885 MHz

Transmit Freq Error -1.774 kHz

x dB Bandwidth 1.266 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.7. LTE Occupied Bandwidth(NTLV)(Subtest:7, Channel:26705, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.697	2.932	3	Pass

Agilent
Measure

Ch Freq 815.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.99 dBm #Atten 30 dB

Center 815.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6966 MHz x dB -26.00 dB

Transmit Freq Error -2.124 kHz

x dB Bandwidth 2.932 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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16.8. LTE Occupied Bandwidth(NTLV)(Subtest:8, Channel:26705, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.691	2.938	3	Pass

Agilent

Ch Freq 815.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.99 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.99 dB

Center 815.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6906 MHz	x dB	-26.00 dB
Transmit Freq Error	487.026 Hz	
x dB Bandwidth	2.938 MHz	

Measure

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

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16.9. LTE Occupied Bandwidth(NTLV)(Subtest:9, Channel:26740, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.062	Peak	2.692	2.935	3	Pass

Agilent

Measure

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Center 819.000 MHz Span 6 MHz
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 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 %
2.6924 MHz	x dB -26.00 dB
Transmit Freq Error -229.605 Hz	
x dB Bandwidth 2.935 MHz	

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16.10. LTE Occupied Bandwidth(NTLV)(Subtest:10, Channel:26740, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.062	Peak	2.689	2.934	3	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29 dBm
#Atten 30 dB

Center 819.000 MHz
Span 6 MHz

#Res BW 62 kHz
#VBW 200 kHz
#Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6892 MHz	x dB	-26.00 dB
Transmit Freq Error		-2.396 kHz
x dB Bandwidth		2.934 MHz

Power Stat
CCDF

More
1 of 2

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16.11. LTE Occupied Bandwidth(NTLV)(Subtest:11, Channel:26775, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
822.5	99	26	0.062	Peak	2.702	2.945	3	Pass

Agilent

Measure

Ch Freq 822.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.01 dBm
#Atten 30 dB

#Peak
 Log
 10
 dB/
 Offst
 9.01
 dB

Center 822.500 MHz
Span 6 MHz

#Res BW 62 kHz
#VBW 200 kHz
#Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.7018 MHz	x dB	-26.00 dB
Transmit Freq Error	-593.826 Hz	
x dB Bandwidth	2.945 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

16.12. LTE Occupied Bandwidth(NTLV)(Subtest:12, Channel:26775, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
822.5	99	26	0.062	Peak	2.688	2.956	3	Pass

Agilent
Measure

Ch Freq 822.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

Center 822.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6882 MHz

Transmit Freq Error -2.203 kHz

x dB Bandwidth 2.956 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.13. LTE Occupied Bandwidth(NTLV)(Subtest:13, Channel:26715, 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
816.5	99	26	0.1	Peak	4.497	4.975	5	Pass

Agilent
Measure

Ch Freq 816.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.99 dB

Center 816.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4968 MHz

Transmit Freq Error -1.894 kHz

x dB Bandwidth 4.975 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.14. LTE Occupied Bandwidth(NTLV)(Subtest:14, Channel:26715, 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
816.5	99	26	0.1	Peak	4.487	4.956	5	Pass

Agilent
Measure

Ch Freq 816.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.99 dB

Center 816.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

4.4870 MHz

Transmit Freq Error -1.459 kHz

x dB Bandwidth 4.956 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.15. LTE Occupied Bandwidth(NTLV)(Subtest:15, Channel:26740, 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
819	99	26	0.1	Peak	4.492	4.953	5	Pass

Agilent
Measure

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9 dB

Center 819.000 MHz Span 10 MHz

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

Occupied Bandwidth

4.4916 MHz

Transmit Freq Error -1.272 kHz

x dB Bandwidth 4.953 MHz

Occ BW % Pwr

99.00 %

x dB

-26.00 dB

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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16.16. LTE Occupied Bandwidth(NTLV)(Subtest:16, Channel:26740, 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
819	99	26	0.1	Peak	4.499	4.979	5	Pass

Agilent

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

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB

Center 819.000 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4987 MHz x dB -26.00 dB

Transmit Freq Error 667.162 Hz

x dB Bandwidth 4.979 MHz

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16.17. LTE Occupied Bandwidth(NTLV)(Subtest:17, Channel:26765, 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
821.5	99	26	0.1	Peak	4.49	4.922	5	Pass

Agilent
Measure

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 821.500 MHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4902 MHz

Transmit Freq Error 415.941 Hz

x dB Bandwidth 4.922 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.18. LTE Occupied Bandwidth(NTLV)(Subtest:18, Channel:26765, 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
821.5	99	26	0.1	Peak	4.489	4.969	5	Pass

Agilent
Measure

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.01 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.01 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4891 MHz x dB -26.00 dB

Transmit Freq Error -196.049 Hz

x dB Bandwidth 4.969 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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16.19. LTE Occupied Bandwidth(NTLV)(Subtest:19, Channel:26740, 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
819	99	26	0.2	Peak	8.972	9.89	10	Pass

Agilent
Measure

Ch Freq 819 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29 dBm #Atten 30 dB
#Peak Log 10 dB/Offst 9 dB
Center 819.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9716 MHz

Transmit Freq Error 4.874 kHz

x dB Bandwidth 9.890 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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16.20. LTE Occupied Bandwidth(NTLV)(Subtest:20, Channel:26740, 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
819	99	26	0.2	Peak	8.978	9.735	10	Pass

Agilent
Measure

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Center 819.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9782 MHz

Transmit Freq Error 10.657 kHz

x dB Bandwidth 9.735 MHz

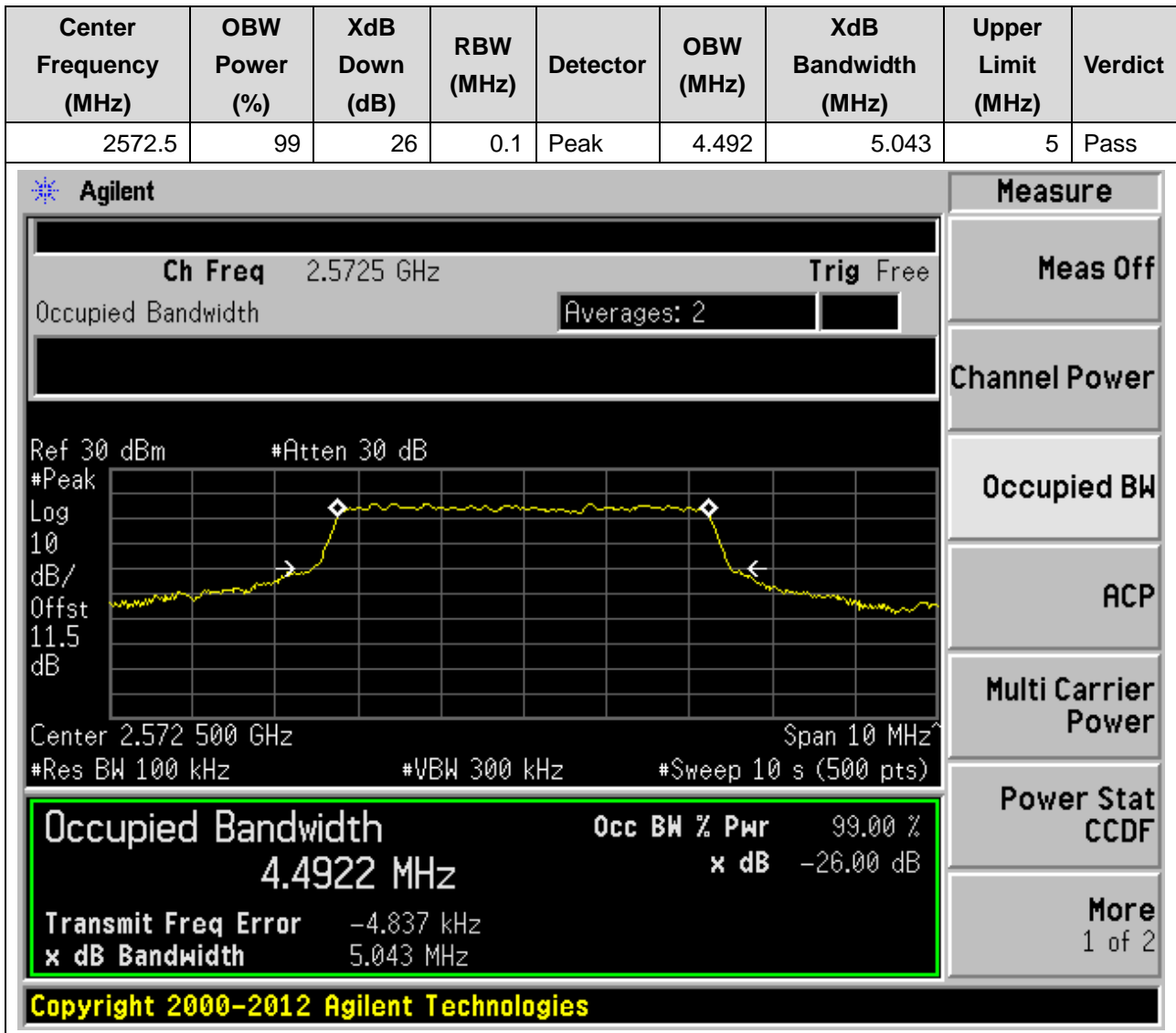
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17. LTE_Band38

17.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:37775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



17.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:37775, 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
2572.5	99	26	0.1	Peak	4.497	4.983	5	Pass

Agilent
Measure

Ch Freq 2.5725 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.572 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 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

4.4973 MHz

Transmit Freq Error -3.294 kHz

x dB Bandwidth 4.983 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38000, 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
2595	99	26	0.1	Peak	4.516	5.31	5	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 2.595 000 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5158 MHz x dB -26.00 dB

Transmit Freq Error -4.509 kHz

x dB Bandwidth 5.310 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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17.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:38000, 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
2595	99	26	0.1	Peak	4.491	4.994	5	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 2.595 000 GHz
Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4908 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.924 kHz	
x dB Bandwidth	4.994 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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17.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38225, 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
2617.5	99	26	0.1	Peak	4.5	5.229	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.6175 GHz and a span of 10 MHz. The y-axis is labeled 'dB/Offst' with a peak level of 30 dB and an attenuation of 30 dB. The x-axis is labeled 'MHz'.

Key measurement data is shown in a green-bordered box at the bottom of the plot area:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5004 MHz	x dB	-26.00 dB
Transmit Freq Error		-2.558 kHz
x dB Bandwidth		5.229 MHz

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

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17.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:38225, 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
2617.5	99	26	0.1	Peak	4.499	4.997	5	Pass

Agilent
Measure

Ch Freq 2.6175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.617 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 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

4.4986 MHz

Transmit Freq Error -3.427 kHz

x dB Bandwidth 4.997 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:37800, 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
2575	99	26	0.2	Peak	8.992	10.28	10	Pass

Agilent

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

Ch Freq 2.575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.575 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9916 MHz	x dB -26.00 dB
Transmit Freq Error 15.184 kHz	
x dB Bandwidth 10.280 MHz	

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17.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:37800, 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
2575	99	26	0.2	Peak	8.987	9.791	10	Pass

Agilent
Measure

Ch Freq 2.575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.575 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9869 MHz x dB -26.00 dB

Transmit Freq Error -4.933 kHz

x dB Bandwidth 9.791 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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17.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:38000, 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
2595	99	26	0.2	Peak	8.996	10.552	10	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 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9958 MHz x dB -26.00 dB

Transmit Freq Error -9.141 kHz

x dB Bandwidth 10.552 MHz

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17.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:38000, 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
2595	99	26	0.2	Peak	8.95	9.753	10	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 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

8.9500 MHz

Transmit Freq Error -10.298 kHz

x dB Bandwidth 9.753 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:38200, 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
2615	99	26	0.2	Peak	8.993	10.062	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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9935 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.817 kHz	
x dB Bandwidth	10.062 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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17.12. 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	8.974	9.973	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

8.9738 MHz

Transmit Freq Error -4.846 kHz

x dB Bandwidth 9.973 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.13. 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	13.481	15.596	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 11.6 dB

Center 2.577 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

13.4811 MHz

Transmit Freq Error 14.439 kHz

x dB Bandwidth 15.596 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.14. 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	13.501	15.708	15	Pass

Agilent

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

Ch Freq 2.5775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.6 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 %
13.5006 MHz	x dB -26.00 dB
Transmit Freq Error -9.584 kHz	
x dB Bandwidth 15.708 MHz	

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17.15. 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	13.451	15.389	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 11.7 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 %

13.4513 MHz x dB -26.00 dB

Transmit Freq Error 7.858 kHz

x dB Bandwidth 15.389 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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17.16. 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	15.225	15	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.5255 MHz

Transmit Freq Error 13.642 kHz

x dB Bandwidth 15.225 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.17. 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	13.466	16.359	15	Pass

Agilent
Measure

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.612 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

13.4657 MHz

Transmit Freq Error 1.439 kHz

x dB Bandwidth 16.359 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.18. 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	13.51	15.051	15	Pass

Agilent
Measure

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 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 %

13.5104 MHz x dB -26.00 dB

Transmit Freq Error -14.203 kHz

x dB Bandwidth 15.051 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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17.19. 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	17.965	19.465	20	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9648 MHz	x dB -26.00 dB
Transmit Freq Error -16.936 kHz	
x dB Bandwidth 19.465 MHz	

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17.20. 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	17.95	20.296	20	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9502 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -26.999 kHz

x dB Bandwidth 20.296 MHz

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17.21. 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	17.944	21.285	20	Pass

Agilent
Measure

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9443 MHz

Transmit Freq Error 7.844 kHz

x dB Bandwidth 21.285 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.22. 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	17.982	22.048	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 11.7 dB

Center 2.595 00 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9820 MHz

Transmit Freq Error -10.876 kHz

x dB Bandwidth 22.048 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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17.23. 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	17.965	20.261	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 11.5 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 %

17.9653 MHz x dB -26.00 dB

Transmit Freq Error -21.353 kHz

x dB Bandwidth 20.261 MHz

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17.24. 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	17.922	20.175	20	Pass

Agilent
Measure

Ch Freq 2.61 GHz
Trig Free

Occupied Bandwidth Averages: 2

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9220 MHz x dB -26.00 dB

Transmit Freq Error 4.729 kHz

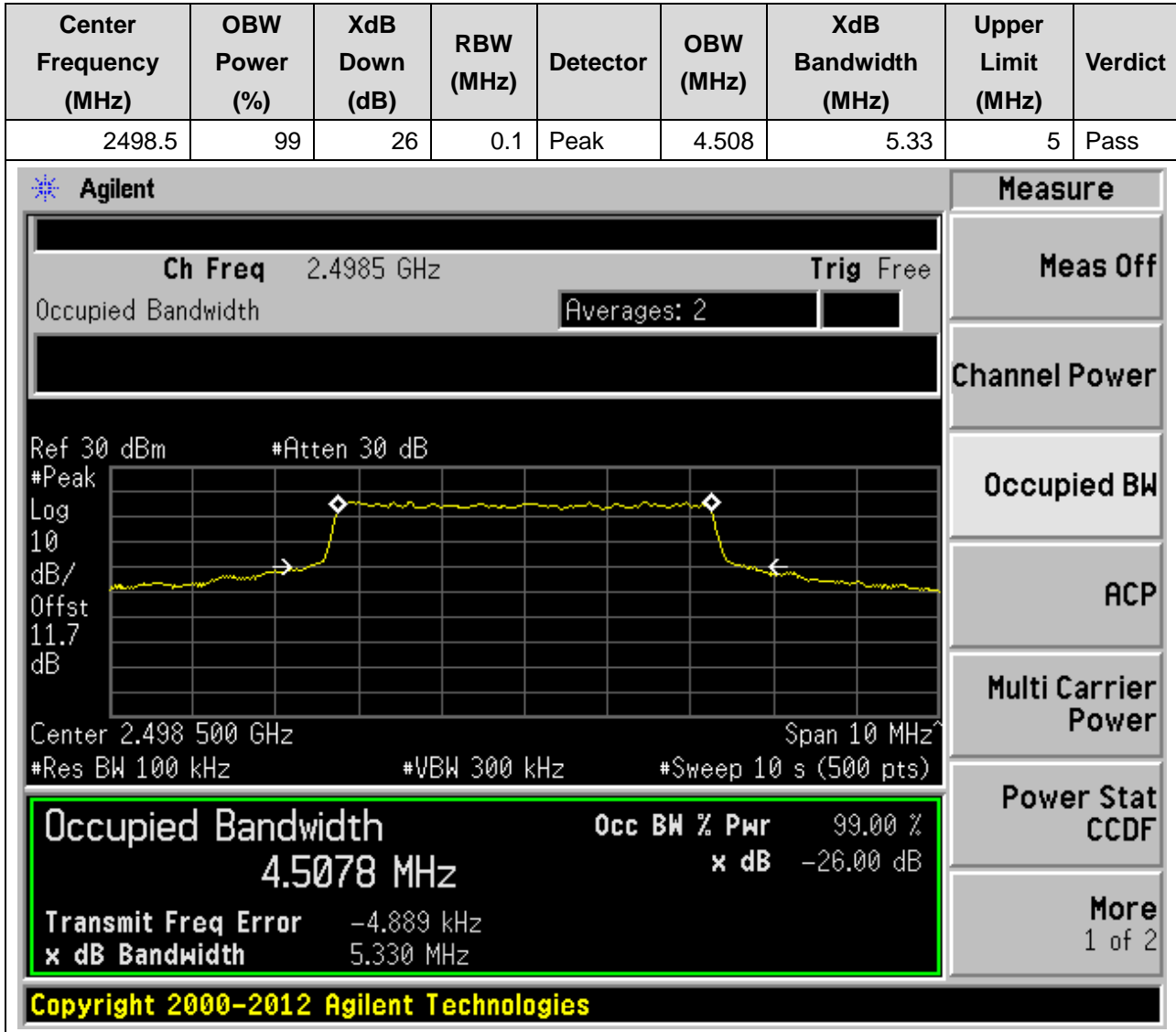
x dB Bandwidth 20.175 MHz

More
1 of 2

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18. LTE_Band41 full

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



18.2. 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	4.489	4.984	5	Pass

Agilent
Measure

Ch Freq 2.4985 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.7 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 %

4.4894 MHz x dB -26.00 dB

Transmit Freq Error -4.986 kHz

x dB Bandwidth 4.984 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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18.3. 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	4.504	5.232	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 11.7 dB

Center 2.593 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 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

4.5041 MHz

Transmit Freq Error -4.526 kHz

x dB Bandwidth 5.232 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:40620, 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
2593	99	26	0.1	Peak	4.499	4.995	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.593 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' with a peak level of 30 dB and an offset of 11.7 dB. The x-axis is labeled 'Center' at 2.593 000 GHz and 'Span' at 10 MHz. The plot shows a signal with a bandwidth of 4.4986 MHz and a power level of 99.00%. The XdB Down is -26.00 dB. The transmit frequency error is -1.705 kHz. The x dB Bandwidth is 4.995 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	x dB
4.4986 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -1.705 kHz
x dB Bandwidth: 4.995 MHz

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18.5. 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	4.494	5.042	5	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4941 MHz

Transmit Freq Error -6.022 kHz

x dB Bandwidth 5.042 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41565, 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
2687.5	99	26	0.1	Peak	4.498	4.975	5	Pass

Agilent

Measure

Ch Freq 2.6875 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.6

dB

Center 2.687 500 GHz Span 10 MHz

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

Occupied Bandwidth

4.4984 MHz

Transmit Freq Error -3.819 kHz

x dB Bandwidth 4.975 MHz

Occ BW % Pwr

99.00 %

x dB -26.00 dB

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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18.7. 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	8.984	10.188	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 11.7 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 %

8.9836 MHz x dB -26.00 dB

Transmit Freq Error 16.085 kHz

x dB Bandwidth 10.188 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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18.8. 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	8.986	9.801	10	Pass

Agilent
Measure

Ch Freq 2.501 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 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

8.9862 MHz

Transmit Freq Error 2.059 kHz

x dB Bandwidth 9.801 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.9. 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	8.997	10.516	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 11.7 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 %

8.9968 MHz x dB -26.00 dB

Transmit Freq Error -8.312 kHz

x dB Bandwidth 10.516 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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18.10. 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	8.947	9.751	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 11.7 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 %

8.9468 MHz **x dB** -26.00 dB

Transmit Freq Error -3.177 kHz

x dB Bandwidth 9.751 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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18.11. 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	10.103	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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9997 MHz

Transmit Freq Error -5.940 kHz

x dB Bandwidth 10.103 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.12. 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	8.982	9.946	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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9825 MHz

Transmit Freq Error -16.587 kHz

x dB Bandwidth 9.946 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.13. 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	13.487	15.561	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

#Peak Log 10 dB/Offst 11.6 dB

Center 2.503 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.4868 MHz	x dB -26.00 dB
Transmit Freq Error 20.107 kHz	
x dB Bandwidth 15.561 MHz	

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18.14. 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	13.501	15.476	15	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.5007 MHz

Transmit Freq Error -2.113 kHz

x dB Bandwidth 15.476 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.15. 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	13.448	15.415	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 11.7 dB

Center 2.593 00 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

13.4482 MHz

Transmit Freq Error 1.642 kHz

x dB Bandwidth 15.415 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.16. 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	13.525	15.256	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 11.7 dB

Center 2.593 00 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

13.5252 MHz

Transmit Freq Error 7.236 kHz

x dB Bandwidth 15.256 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.17. 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	13.472	16.518	15	Pass

Agilent

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

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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4722 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.573 kHz	
x dB Bandwidth	16.518 MHz	

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18.18. 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	13.501	15.077	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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.5007 MHz

Transmit Freq Error -20.082 kHz

x dB Bandwidth 15.077 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.19. 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	17.976	19.419	20	Pass

Agilent
Measure

Ch Freq 2.506 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.506 00 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9764 MHz

Transmit Freq Error -16.212 kHz

x dB Bandwidth 19.419 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.20. 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	17.944	20.22	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 11.6 dB

Center 2.506 00 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

17.9440 MHz

Transmit Freq Error -7.488 kHz

x dB Bandwidth 20.220 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.21. 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	17.943	20.778	20	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
11.7

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 %
17.9432 MHz	x dB	-26.00 dB
Transmit Freq Error	14.056 kHz	
x dB Bandwidth	20.778 MHz	

Power Stat
CCDF

More
1 of 2

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18.22. 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	17.996	22.159	20	Pass

Agilent
Measure

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 00 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9959 MHz

Transmit Freq Error -16.173 kHz

x dB Bandwidth 22.159 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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18.23. 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	17.961	20.226	20	Pass

Agilent
Measure

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 %

17.9607 MHz x dB -26.00 dB

Transmit Freq Error -19.050 kHz

x dB Bandwidth 20.226 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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18.24. 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	17.927	20.136	20	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9272 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

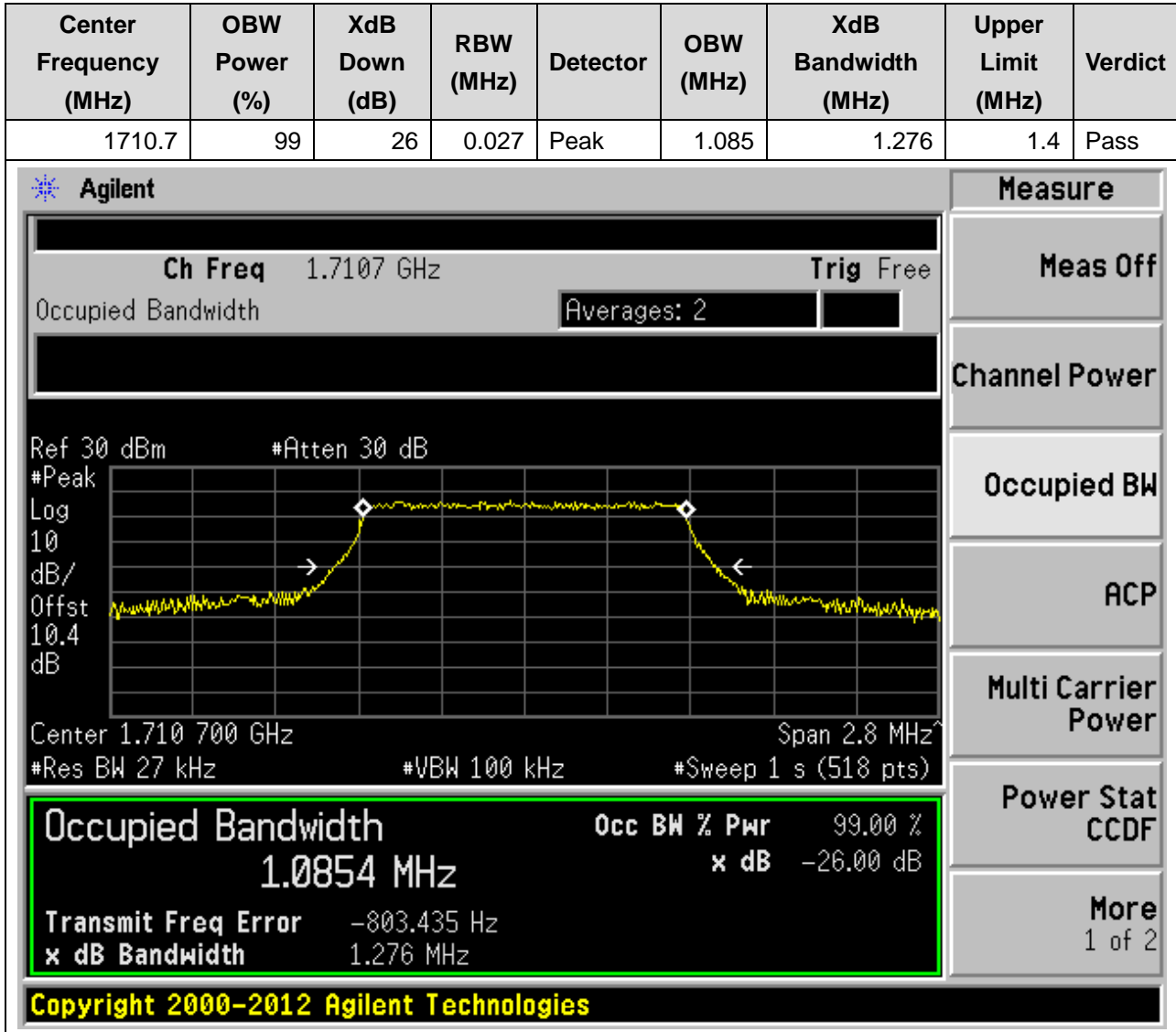
Transmit Freq Error 10.659 kHz

x dB Bandwidth 20.136 MHz

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19. LTE_Band66

19.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



19.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.091	1.302	1.4	Pass

Agilent
Measure

Ch Freq 1.7107 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.710 700 GHz Span 2.8 MHz
 #Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
1.0913 MHz	x dB -26.00 dB
Transmit Freq Error -1.356 kHz	
x dB Bandwidth 1.302 MHz	

Power Stat
CCDF

More
1 of 2

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19.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.09	1.294	1.4	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.745 000 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0901 MHz x dB -26.00 dB

Transmit Freq Error -1.106 kHz

x dB Bandwidth 1.294 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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19.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.083	1.265	1.4	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.745 000 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0834 MHz x dB -26.00 dB

Transmit Freq Error -537.981 Hz

x dB Bandwidth 1.265 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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19.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.092	1.261	1.4	Pass

Agilent
Measure

Ch Freq 1.7793 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Meas Off

Ref 30 dBm #Atten 30 dB

Center 1.779 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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

1.0916 MHz **x dB** -26.00 dB

Transmit Freq Error 607.066 Hz

x dB Bandwidth 1.261 MHz

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19.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.091	1.289	1.4	Pass

Agilent
Measure

Ch Freq 1.7793 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.779 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

1.0908 MHz

Transmit Freq Error 1.035 kHz

x dB Bandwidth 1.289 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.699	2.942	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7115 GHz and a span of 6 MHz. The vertical axis is labeled 'dB' with a reference of 30 dBm and an attenuation of 30 dB. The horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7115 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6988 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -668.878 Hz and the 'x dB Bandwidth' is 2.942 MHz. The 'Measure' menu on the right includes options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

Occupied Bandwidth	Occ BW % Pwr	x dB
2.6988 MHz	99.00 %	-26.00 dB

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19.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.689	2.931	3	Pass

Agilent
Measure

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.711 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6888 MHz

Transmit Freq Error 448.704 Hz

x dB Bandwidth 2.931 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.692	2.928	3	Pass

Agilent

Measure

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 000 GHz Span 6 MHz
 #Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6916 MHz	x dB	-26.00 dB
Transmit Freq Error	-283.519 Hz	
x dB Bandwidth	2.928 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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19.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.689	2.95	3	Pass

Agilent
Measure

Ch Freq 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB
#Peak Log 10 dB/ Offst 10.5 dB
Center 1.745 000 GHz Span 6 MHz
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

2.6895 MHz

Transmit Freq Error -1.076 kHz

x dB Bandwidth 2.950 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1778.5	99	26	0.062	Peak	2.697	2.936	3	Pass

Agilent

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

Ch Freq 1.7785 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
10.5
dB

Center 1.778 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6975 MHz

x dB -26.00 dB

Transmit Freq Error -1.376 kHz

x dB Bandwidth 2.936 MHz

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19.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1778.5	99	26	0.062	Peak	2.686	2.951	3	Pass

Agilent
Measure

Ch Freq 1.7785 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.778 50 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 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 %
2.6864 MHz	x dB -26.00 dB
Transmit Freq Error -499.797 Hz	
x dB Bandwidth 2.951 MHz	

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19.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:131997, 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
1712.5	99	26	0.1	Peak	4.5	4.972	5	Pass

Agilent
Measure

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.5004 MHz

Transmit Freq Error -3.212 kHz

x dB Bandwidth 4.972 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:131997, 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
1712.5	99	26	0.1	Peak	4.489	4.914	5	Pass

Agilent
Measure

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4890 MHz

Transmit Freq Error -6.153 kHz

x dB Bandwidth 4.914 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, 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
1745	99	26	0.1	Peak	4.492	4.957	5	Pass

Agilent

Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.745 000 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4922 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -8.465 kHz

x dB Bandwidth 4.957 MHz

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19.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, 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
1745	99	26	0.1	Peak	4.504	4.943	5	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 000 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.5044 MHz

Transmit Freq Error -5.256 kHz

x dB Bandwidth 4.943 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:132647, 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
1777.5	99	26	0.1	Peak	4.492	4.945	5	Pass

Agilent
Measure

Ch Freq 1.7775 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.777 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4925 MHz	x dB -26.00 dB
Transmit Freq Error -1.095 kHz	
x dB Bandwidth 4.945 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

19.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132647, 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
1777.5	99	26	0.1	Peak	4.494	4.964	5	Pass

Agilent
Measure

Ch Freq 1.7775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.777 500 GHz Span 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4940 MHz

Transmit Freq Error -314.877 Hz

x dB Bandwidth 4.964 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132022, 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
1715	99	26	0.2	Peak	8.98	9.841	10	Pass

Agilent
Measure

Ch Freq 1.715 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.715 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9798 MHz x dB -26.00 dB

Transmit Freq Error 8.925 kHz

x dB Bandwidth 9.841 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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19.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:132022, 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
1715	99	26	0.2	Peak	8.983	9.774	10	Pass

Agilent
Measure

Ch Freq 1.715 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.715 00 GHz Span 20 MHz

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

Occupied Bandwidth

8.9828 MHz

Transmit Freq Error 7.516 kHz

x dB Bandwidth 9.774 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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19.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, 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
1745	99	26	0.2	Peak	8.948	9.787	10	Pass

Agilent
Measure

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9475 MHz x dB -26.00 dB

Transmit Freq Error 1.224 kHz

x dB Bandwidth 9.787 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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19.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:132322, 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
1745	99	26	0.2	Peak	8.956	9.776	10	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9559 MHz x dB -26.00 dB

Transmit Freq Error 3.417 kHz

x dB Bandwidth 9.776 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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19.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:132622, 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
1775	99	26	0.2	Peak	8.964	9.824	10	Pass

Agilent
Measure

Ch Freq 1.775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.775 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9639 MHz

Transmit Freq Error -3.444 kHz

x dB Bandwidth 9.824 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132622, 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
1775	99	26	0.2	Peak	8.967	9.834	10	Pass

Agilent
Measure

Ch Freq 1.775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 1.775 00 GHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9669 MHz

Transmit Freq Error -9.182 kHz

x dB Bandwidth 9.834 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:132047, 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
1717.5	99	26	0.3	Peak	13.454	14.65	15	Pass

Agilent
Measure

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.717 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4543 MHz

Transmit Freq Error 18.503 kHz

x dB Bandwidth 14.650 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:132047, 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
1717.5	99	26	0.3	Peak	13.462	14.679	15	Pass

Agilent
Measure

Ch Freq 1.7175 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 1.717 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.4618 MHz	x dB -26.00 dB
Transmit Freq Error 20.856 kHz	
x dB Bandwidth 14.679 MHz	

Power Stat CCDF
More 1 of 2

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19.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:132322, 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
1745	99	26	0.3	Peak	13.43	14.674	15	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.745 00 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4296 MHz x dB -26.00 dB

Transmit Freq Error -5.159 kHz

x dB Bandwidth 14.674 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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19.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:132322, 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
1745	99	26	0.3	Peak	13.446	14.672	15	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4459 MHz

Transmit Freq Error -7.258 kHz

x dB Bandwidth 14.672 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:132597, 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
1772.5	99	26	0.3	Peak	13.459	14.754	15	Pass

Agilent
Measure

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.5

dB

Center 1.772 50 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

13.4594 MHz

Transmit Freq Error -20.504 kHz

x dB Bandwidth 14.754 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:132597, 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
1772.5	99	26	0.3	Peak	13.453	14.628	15	Pass

Agilent
Measure

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.77250 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4528 MHz

Transmit Freq Error 1.655 kHz

x dB Bandwidth 14.628 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:132072, 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
1720	99	26	0.39	Peak	17.909	19.282	20	Pass

Agilent
Measure

Ch Freq 1.72 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.720 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

17.9095 MHz

Transmit Freq Error 21.577 kHz

x dB Bandwidth 19.282 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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19.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:132072, 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
1720	99	26	0.39	Peak	17.931	19.432	20	Pass

Agilent
Measure

Ch Freq 1.72 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.4

dB

Center 1.720 00 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9309 MHz	x dB	-26.00 dB
Transmit Freq Error	33.144 kHz	
x dB Bandwidth	19.432 MHz	

Power Stat

CCDF

More

1 of 2

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19.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:132322, 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
1745	99	26	0.39	Peak	17.924	19.423	20	Pass

Agilent
Measure

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 40 MHz
 #Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9238 MHz	x dB -26.00 dB
Transmit Freq Error 5.582 kHz	
x dB Bandwidth 19.423 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

19.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:132322, 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
1745	99	26	0.39	Peak	17.949	19.455	20	Pass

Agilent
Measure

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 40 MHz
 #Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9489 MHz	x dB -26.00 dB
Transmit Freq Error -19.550 kHz	
x dB Bandwidth 19.455 MHz	

Power Stat CCDF

More 1 of 2

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19.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:132572, 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
1770	99	26	0.39	Peak	17.948	19.538	20	Pass

Agilent
Measure

Ch Freq 1.77 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.770 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9485 MHz x dB -26.00 dB

Transmit Freq Error -40.021 kHz

x dB Bandwidth 19.538 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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19.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:132572, 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
1770	99	26	0.39	Peak	17.921	19.415	20	Pass

Agilent
Measure

Ch Freq 1.77 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.770 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9208 MHz

Transmit Freq Error -20.593 kHz

x dB Bandwidth 19.415 MHz

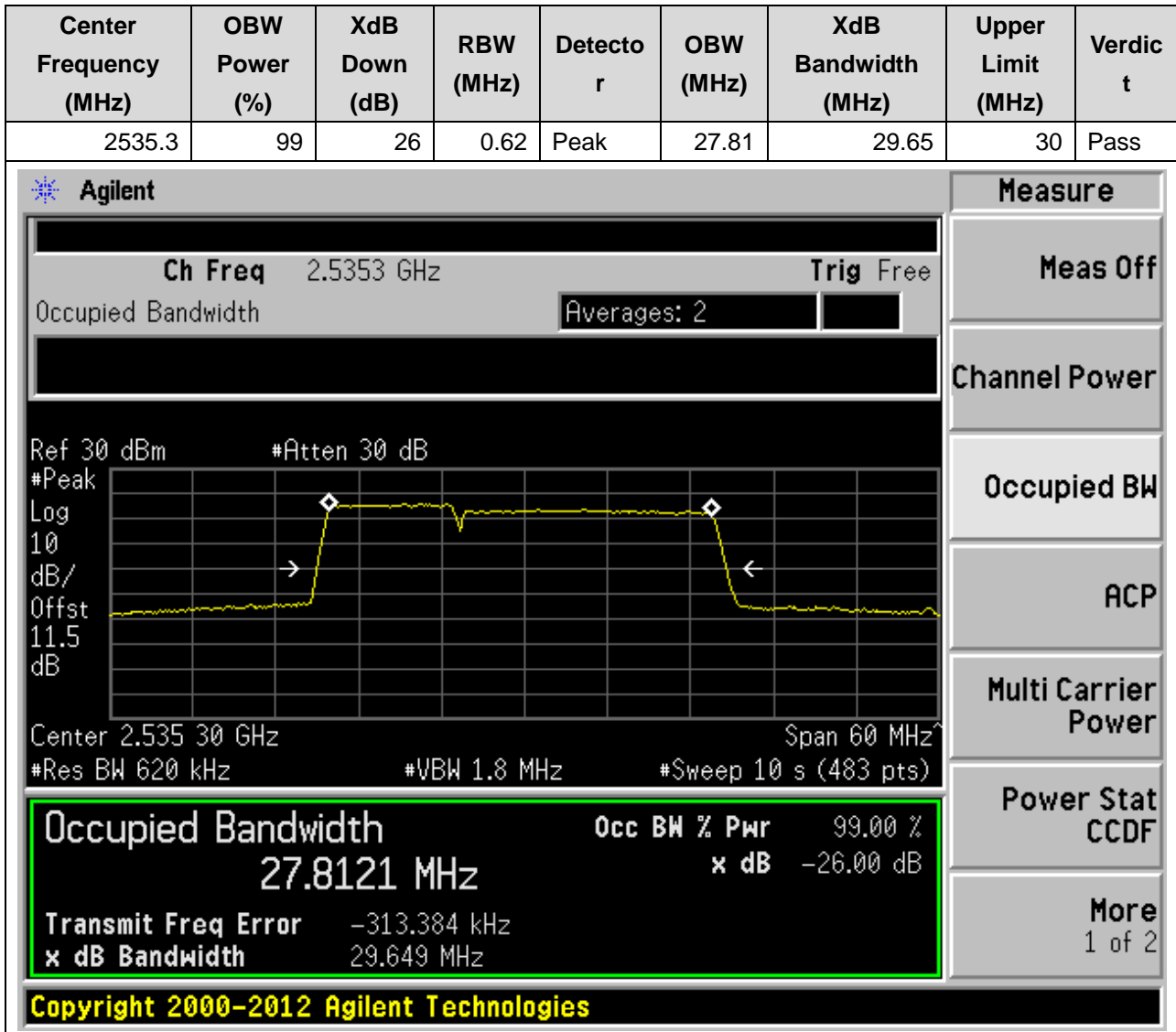
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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20. CA_7C

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



20.2. CA 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	27.71	29.49	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 11.5 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 %
27.7120 MHz	x dB	-26.00 dB
<hr/>		
Transmit Freq Error	-341.379 kHz	
x dB Bandwidth	29.491 MHz	

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20.3. CA 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	27.83	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 2.5348 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.53480 GHz Span 60 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.8291 MHz x dB -26.00 dB

Transmit Freq Error 338.174 kHz

x dB Bandwidth 30.361 MHz

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20.4. CA 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	27.75	29.53	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 11.5 dB

Center 2.53480 GHz Span 60 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
27.7547 MHz	x dB	-26.00 dB
Transmit Freq Error		320.489 kHz
x dB Bandwidth		29.529 MHz

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20.5. CA 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	28.39	30.35	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 %
28.3914 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.663 kHz	
x dB Bandwidth	30.354 MHz	

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20.6. CA 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	28.43	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

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 %
28.4303 MHz	x dB	-26.00 dB
Transmit Freq Error	8.836 kHz	
x dB Bandwidth	30.359 MHz	

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20.7. CA 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	32.72	34.9	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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7237 MHz	x dB	-26.00 dB
Transmit Freq Error	-172.546 kHz	
x dB Bandwidth	34.904 MHz	

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20.8. CA 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	32.61	34.76	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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.6051 MHz x dB -26.00 dB

Transmit Freq Error -170.791 kHz

x dB Bandwidth 34.755 MHz

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20.9. CA 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	32.66	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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.6613 MHz x dB -26.00 dB

Transmit Freq Error 159.165 kHz

x dB Bandwidth 34.833 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

20.10. CA 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	32.65	34.76	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 11.5 dB

Center 2.53490 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.6495 MHz	x dB	-26.00 dB
Transmit Freq Error	168.839 kHz	
x dB Bandwidth	34.757 MHz	

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20.11. CA 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	37.63	40.13	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 %

37.6334 MHz x dB -26.00 dB

Transmit Freq Error 34.673 kHz

x dB Bandwidth 40.127 MHz

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20.12. CA 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	37.53	40.04	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 11.5 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

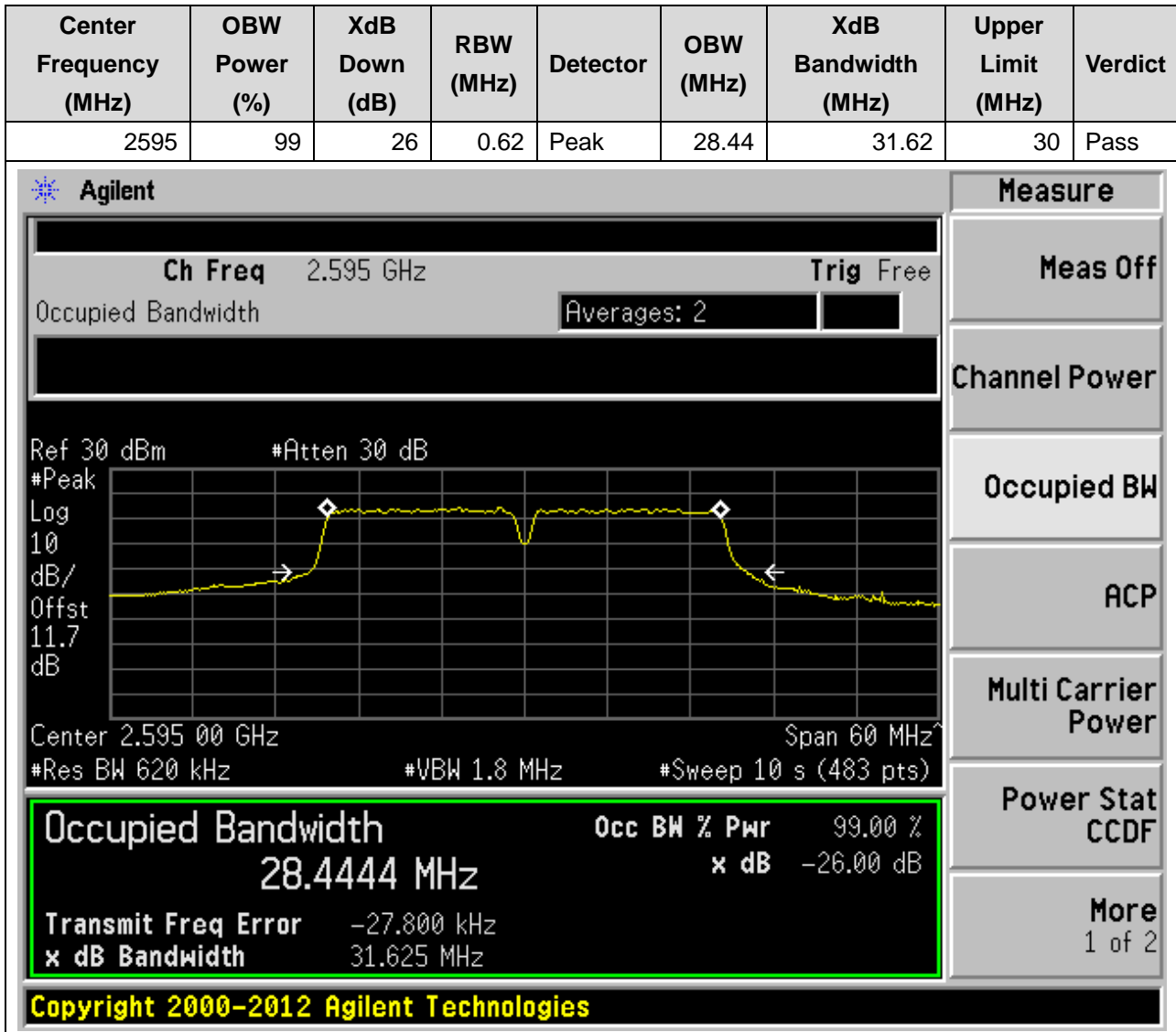
More
1 of 2

Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.5337 MHz	x dB	-26.00 dB
Transmit Freq Error	-629.954 Hz	
x dB Bandwidth	40.038 MHz	

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21. CA_38C

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



21.2. CA 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	33.38	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 %
28.5396 MHz	x dB -26.00 dB
Transmit Freq Error	-37.518 kHz
x dB Bandwidth	33.384 MHz

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21.3. CA 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	37.73	42.88	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 11.7 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 %
37.7349 MHz	x dB	-26.00 dB
Transmit Freq Error		-15.726 kHz
x dB Bandwidth		42.882 MHz

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21.4. CA 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	37.62	40.69	40	Pass

Agilent

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

Ch Freq 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)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
37.6193 MHz	x dB -26.00 dB
Transmit Freq Error -39.258 kHz	
x dB Bandwidth 40.689 MHz	

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22. CA_41C_full

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



22.2. CA 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	22.88	24.88	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 11.7 dB

Center 2.593 40 GHz Span 50 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
22.8833 MHz	x dB	-26.00 dB
Transmit Freq Error	-501.108 kHz	
x dB Bandwidth	24.882 MHz	

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22.3. CA 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	23.04	25.53	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 11.7 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 %

23.0389 MHz x dB -26.00 dB

Transmit Freq Error 478.105 kHz

x dB Bandwidth 25.532 MHz

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22.4. CA 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	24.41	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 11.7 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 %

22.9430 MHz x dB -26.00 dB

Transmit Freq Error 487.700 kHz

x dB Bandwidth 24.412 MHz

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22.5. CA 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	27.9	35.1	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 11.7 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 %
27.9020 MHz	x dB	-26.00 dB
Transmit Freq Error -359.287 kHz x dB Bandwidth 35.103 MHz		

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22.6. CA 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	27.8	30.38	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 11.7 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 %
27.7968 MHz	x dB	-26.00 dB
Transmit Freq Error	-348.111 kHz	
x dB Bandwidth	30.382 MHz	

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22.7. CA 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	27.88	30.07	30	Pass

Agilent

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

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.592 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 %

27.8774 MHz x dB -26.00 dB

Transmit Freq Error 327.225 kHz

x dB Bandwidth 30.072 MHz

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22.8. CA 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	27.82	30.05	30	Pass

Agilent

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

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.592 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 %
27.8150 MHz	x dB	-26.00 dB
Transmit Freq Error	312.458 kHz	
x dB Bandwidth	30.055 MHz	

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22.9. CA 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	28.46	32.11	30	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 11.7 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 %

28.4570 MHz x dB -26.00 dB

Transmit Freq Error -12.492 kHz

x dB Bandwidth 32.110 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

22.10. CA 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	28.51	32.27	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 11.7 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 %
28.5137 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.469 kHz	
x dB Bandwidth	32.269 MHz	

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22.11. CA 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	32.78	36.57	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 11.7 dB

Center 2.593 10 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7835 MHz	x dB	-26.00 dB
Transmit Freq Error	-187.370 kHz	
x dB Bandwidth	36.566 MHz	

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22.12. CA 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	32.7	35.8	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 11.7 dB

Center 2.593 10 GHz Span 70 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.6963 MHz x dB -26.00 dB

Transmit Freq Error -200.688 kHz

x dB Bandwidth 35.804 MHz

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22.13. CA 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	36.4	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 11.7 dB

Center 2.592 90 GHz Span 70 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.7451 MHz x dB -26.00 dB

Transmit Freq Error 154.024 kHz

x dB Bandwidth 36.401 MHz

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22.14. CA 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	32.75	37.19	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 11.7 dB

Center 2.592 90 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7545 MHz	x dB	-26.00 dB
Transmit Freq Error	186.778 kHz	
x dB Bandwidth	37.190 MHz	

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22.15. CA 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	37.75	42.94	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 11.7 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 %

37.7451 MHz x dB -26.00 dB

Transmit Freq Error 32.708 kHz

x dB Bandwidth 42.939 MHz

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22.16. CA 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	37.67	42.78	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 11.7 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 %
37.6673 MHz	x dB	-26.00 dB
Transmit Freq Error		-16.945 kHz
x dB Bandwidth		42.776 MHz

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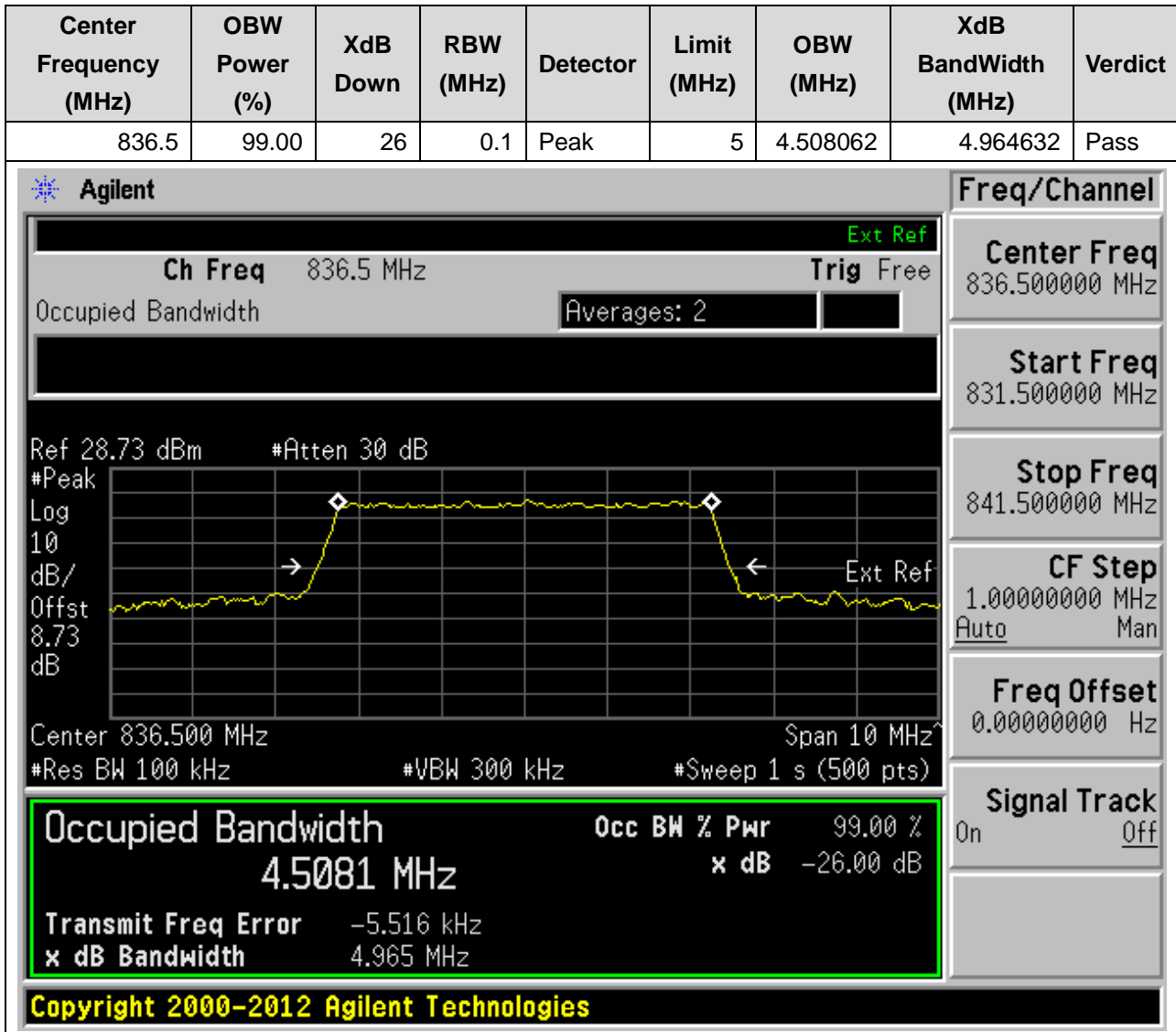
23. NR_n5_SCS15_5M_L_Outer Full(QPSK)

23.1. NR Occupied Bandwidth(NTNV)



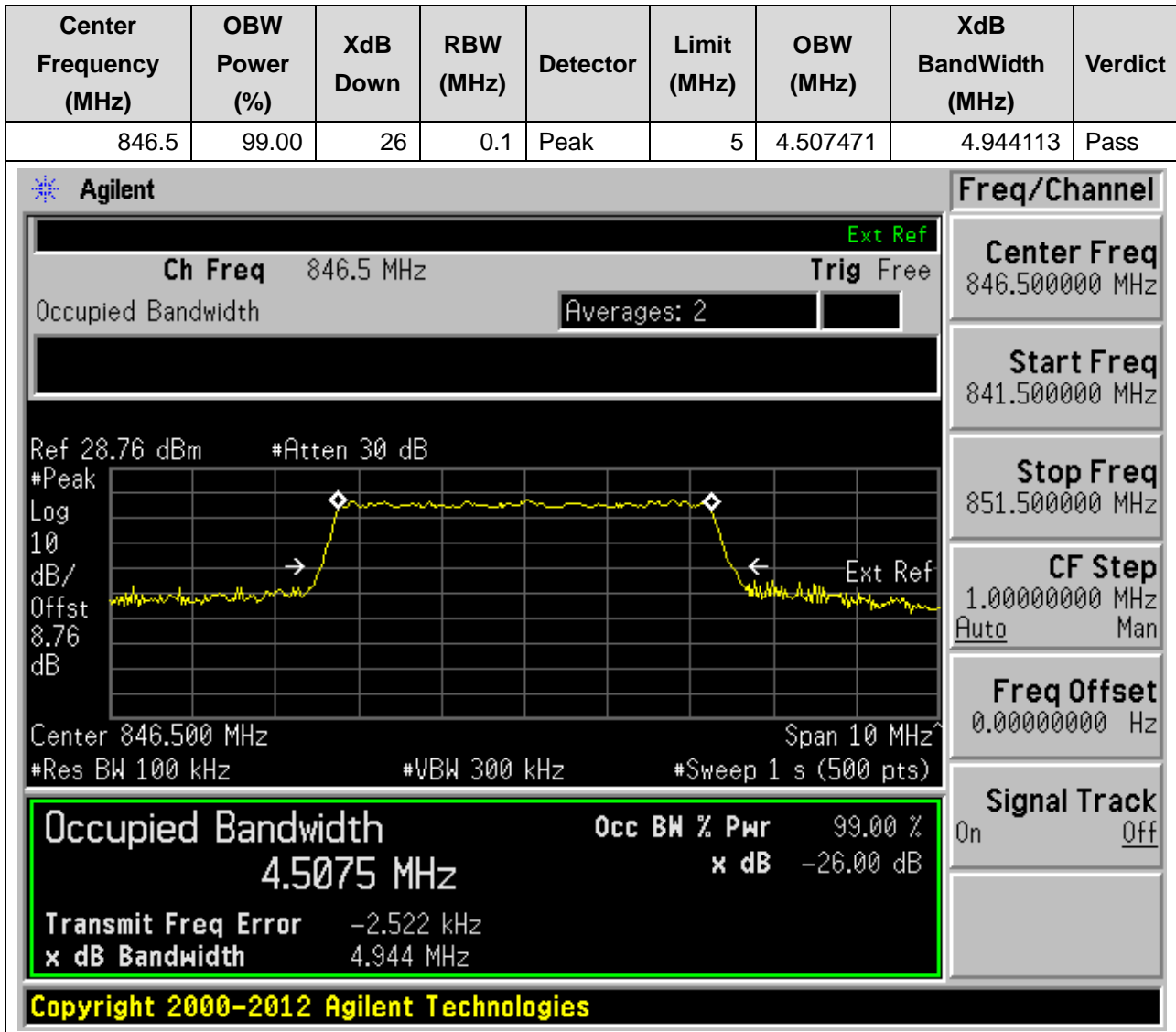
23. NR_n5_SCS15_5M_M_Outer Full(QPSK)

23.2. NR Occupied Bandwidth(NTNV)



23. NR_n5_SCS15_5M_H_Outer Full(QPSK)

23.3. NR Occupied Bandwidth(NTNV)



23. NR_n5_SCS15_10M_L_Outer Full(QPSK)

23.4 NR Occupied Bandwidth(NTNV)



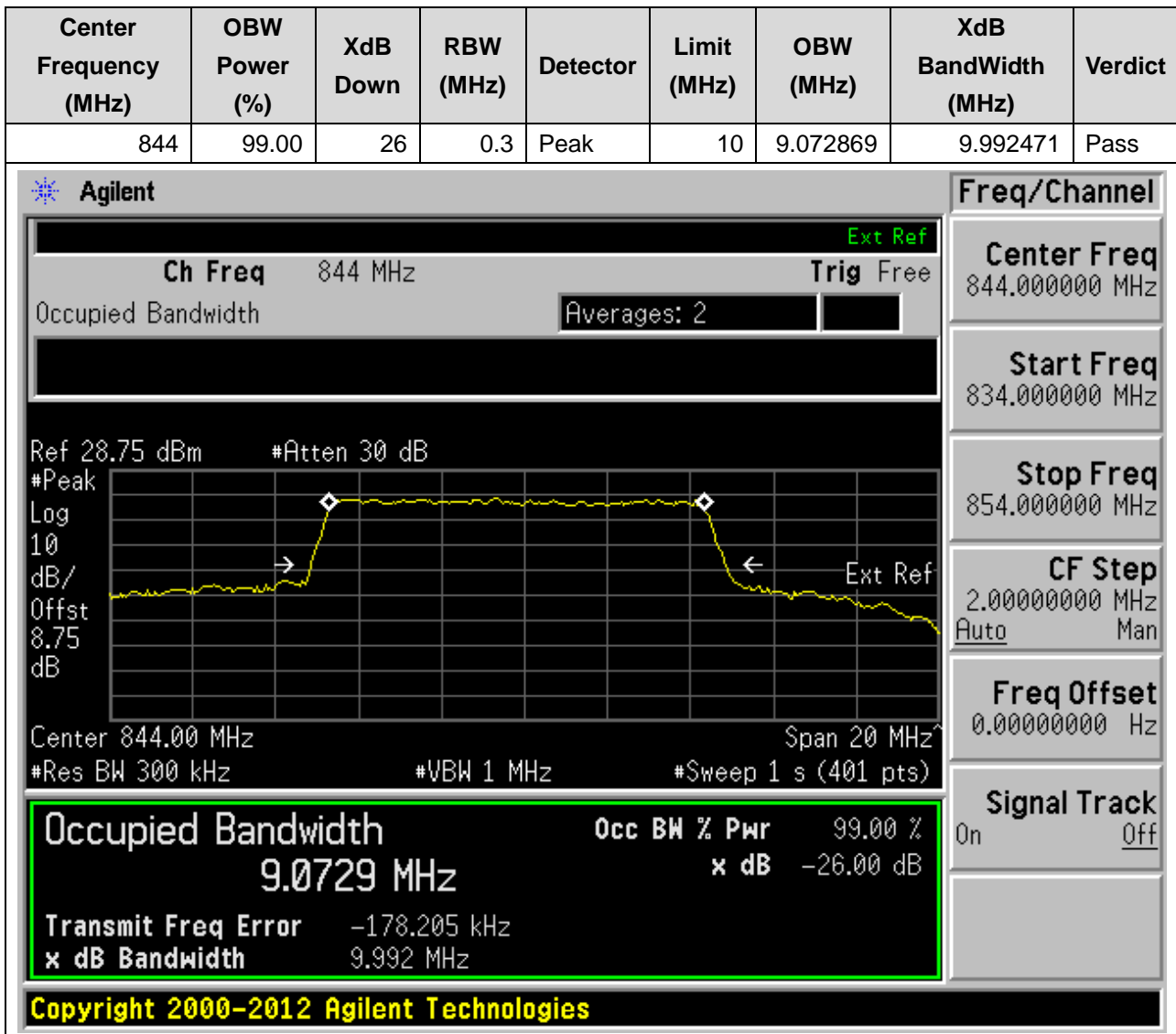
23. NR_n5_SCS15_10M_M_Outer Full(QPSK)

23.5. NR Occupied Bandwidth(NTNV)



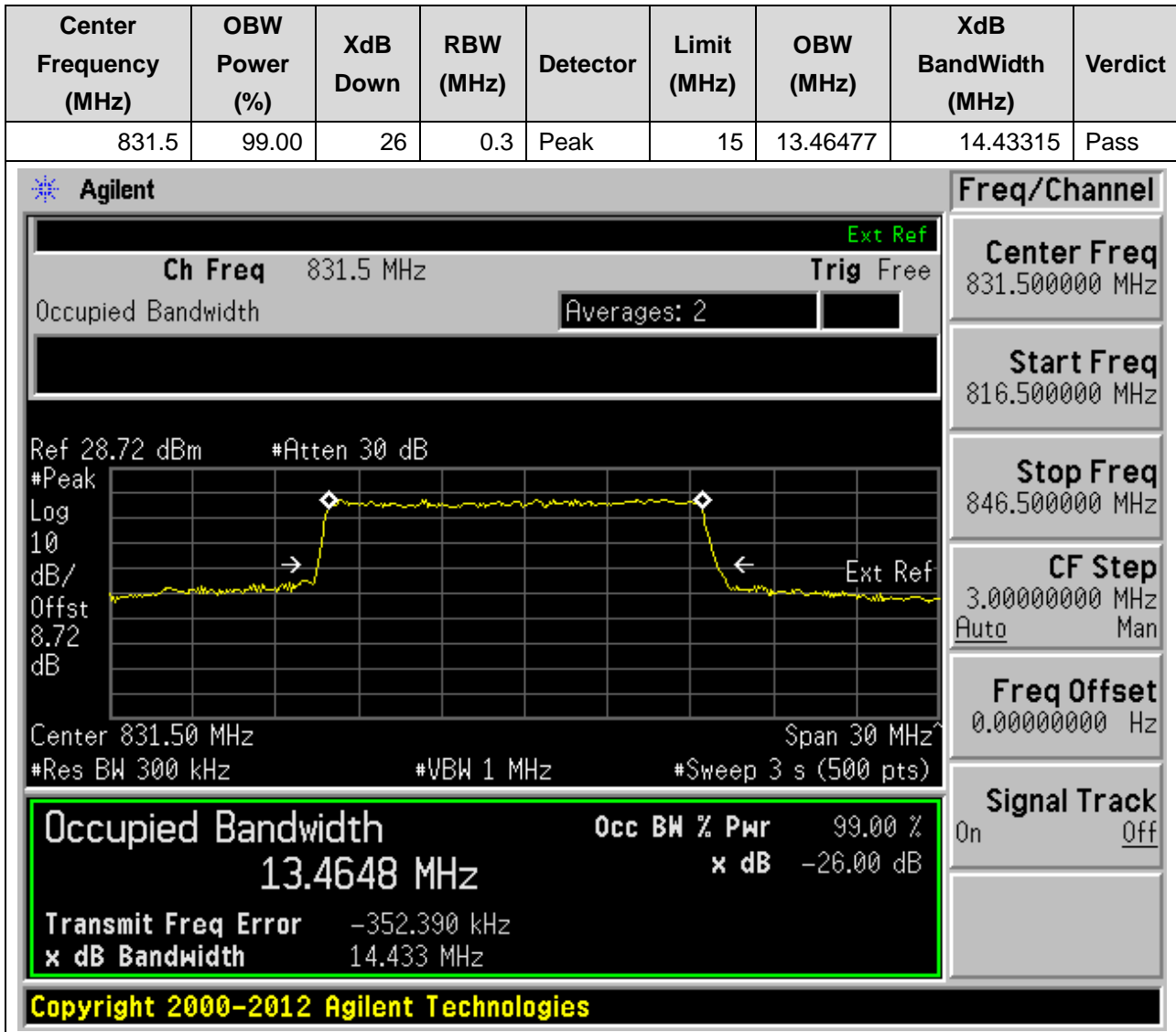
23. NR_n5_SCS15_10M_H_Outer Full(QPSK)

23.6. NR Occupied Bandwidth(NTNV)



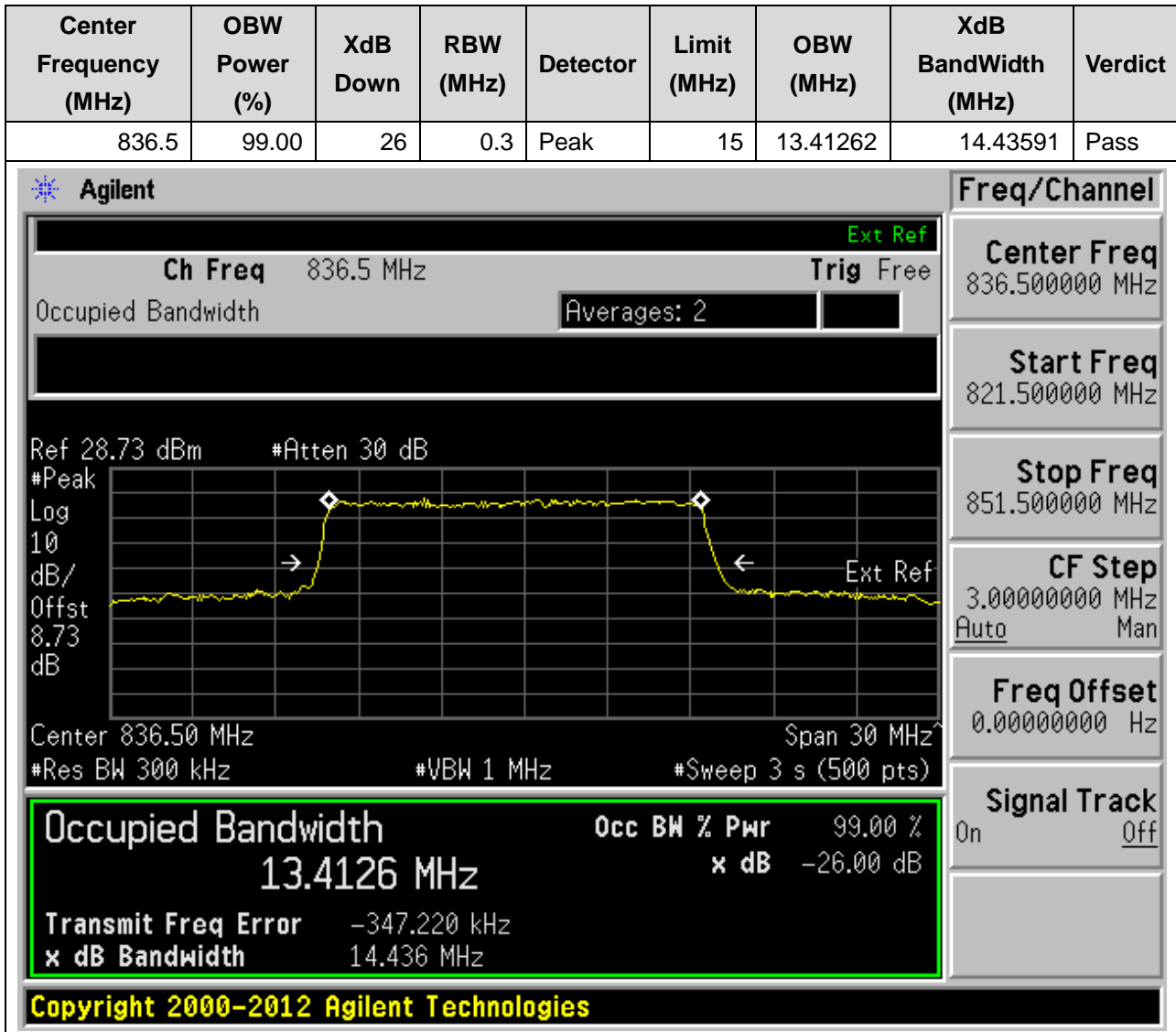
23. NR_n5_SCS15_15M_L_Outer Full(QPSK)

23.7. NR Occupied Bandwidth(NTNV)



23. NR_n5_SCS15_15M_M_Outer Full(QPSK)

23.8. NR Occupied Bandwidth(NTNV)



23. NR_n5_SCS15_15M_H_Outer Full(QPSK)

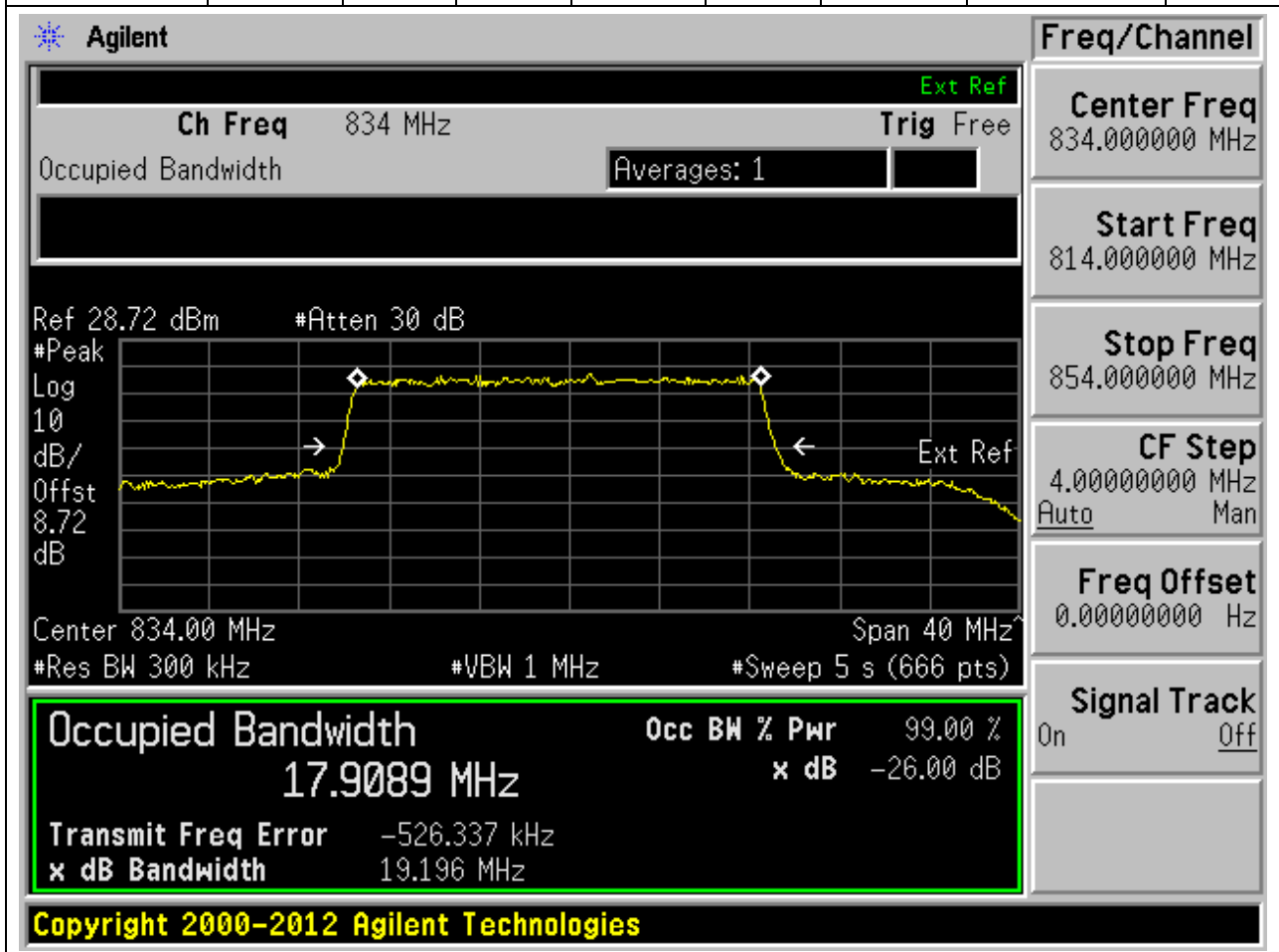
23.9. NR Occupied Bandwidth(NTNV)



23. NR_n5_SCS15_20M_L_Outer Full(QPSK)

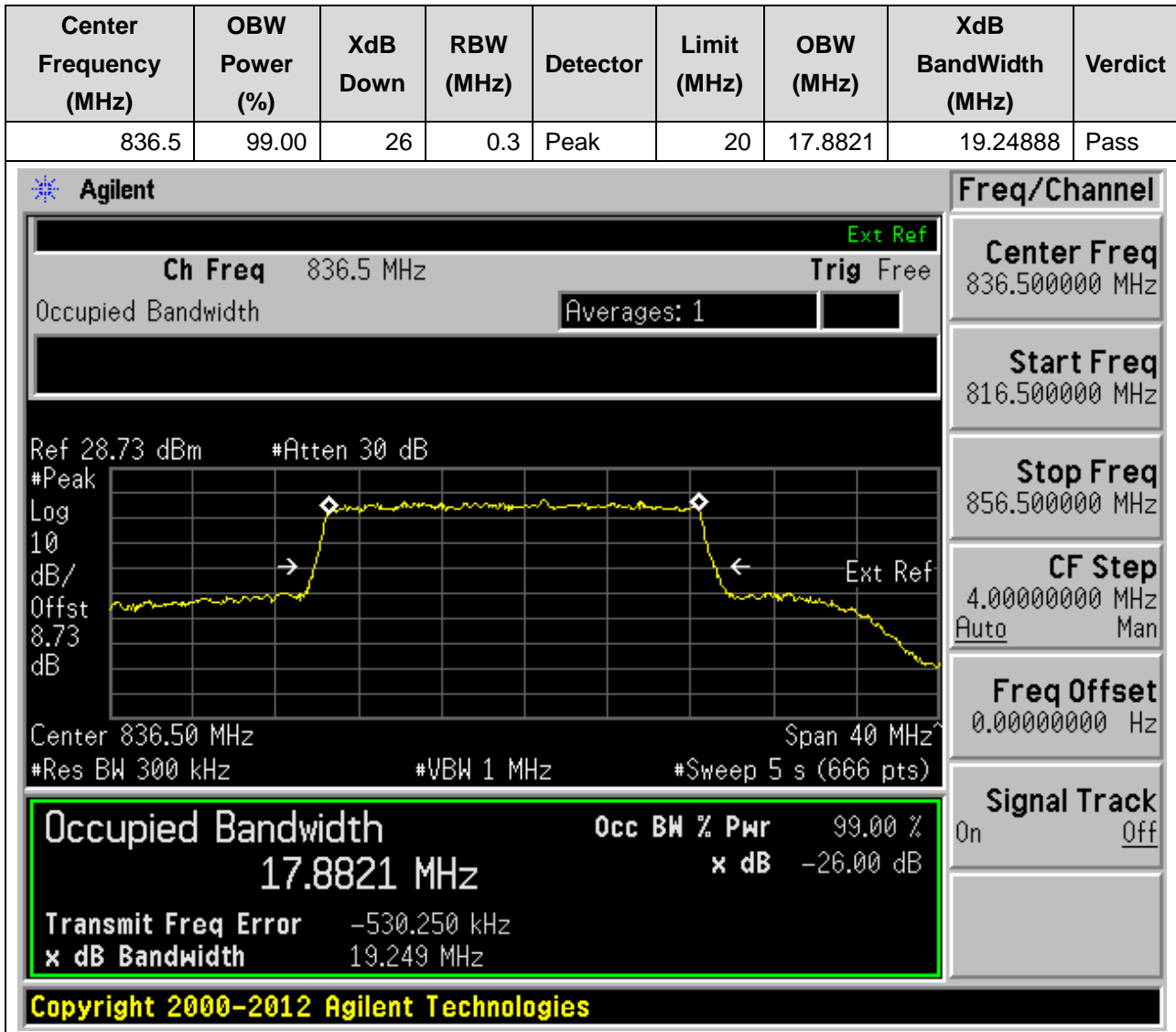
23.10. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
834	99.00	26	0.3	Peak	20	17.90891	19.19627	Pass



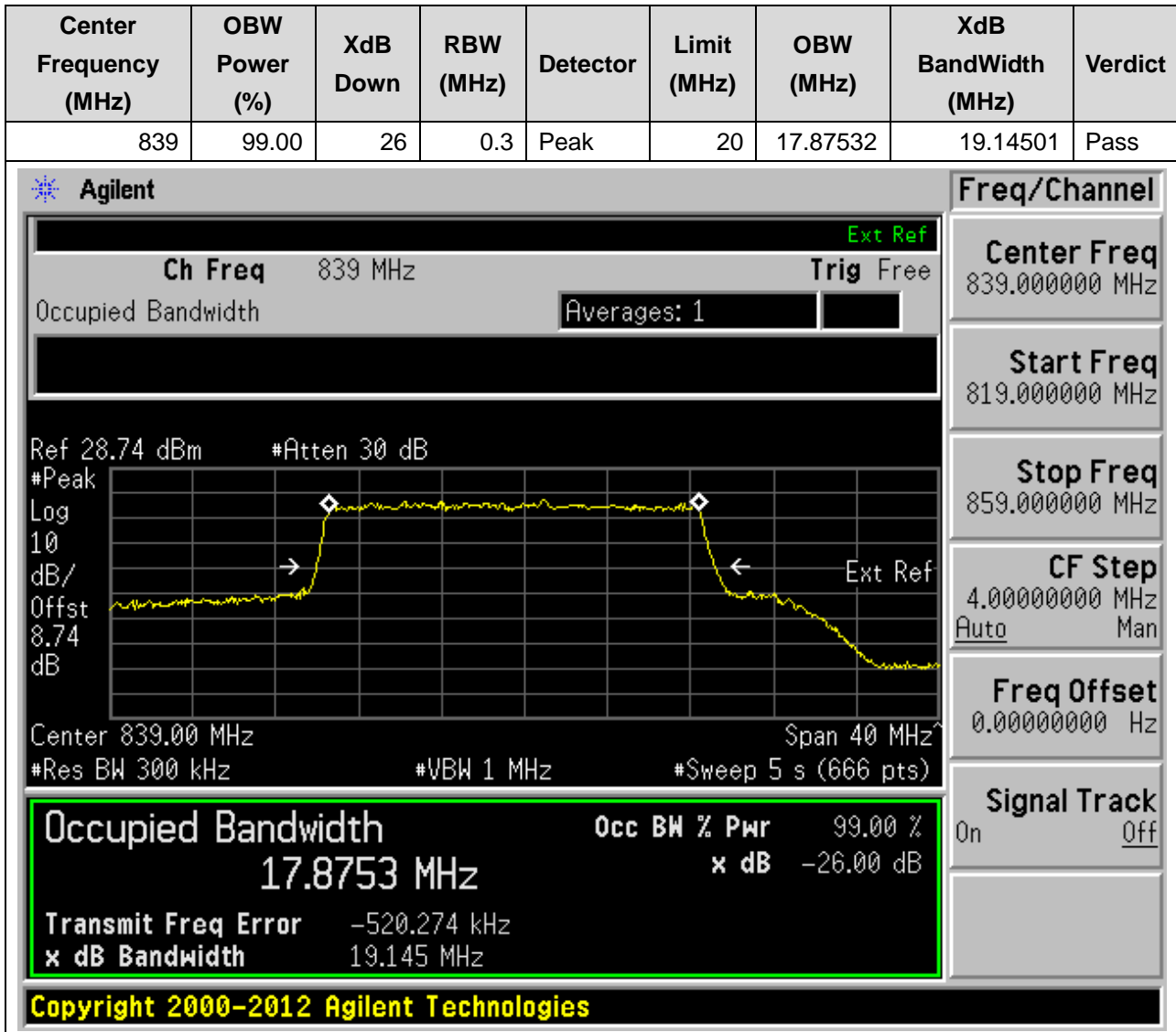
23. NR_n5_SCS15_20M_M_Outer Full(QPSK)

23.11. NR Occupied Bandwidth(NTNV)



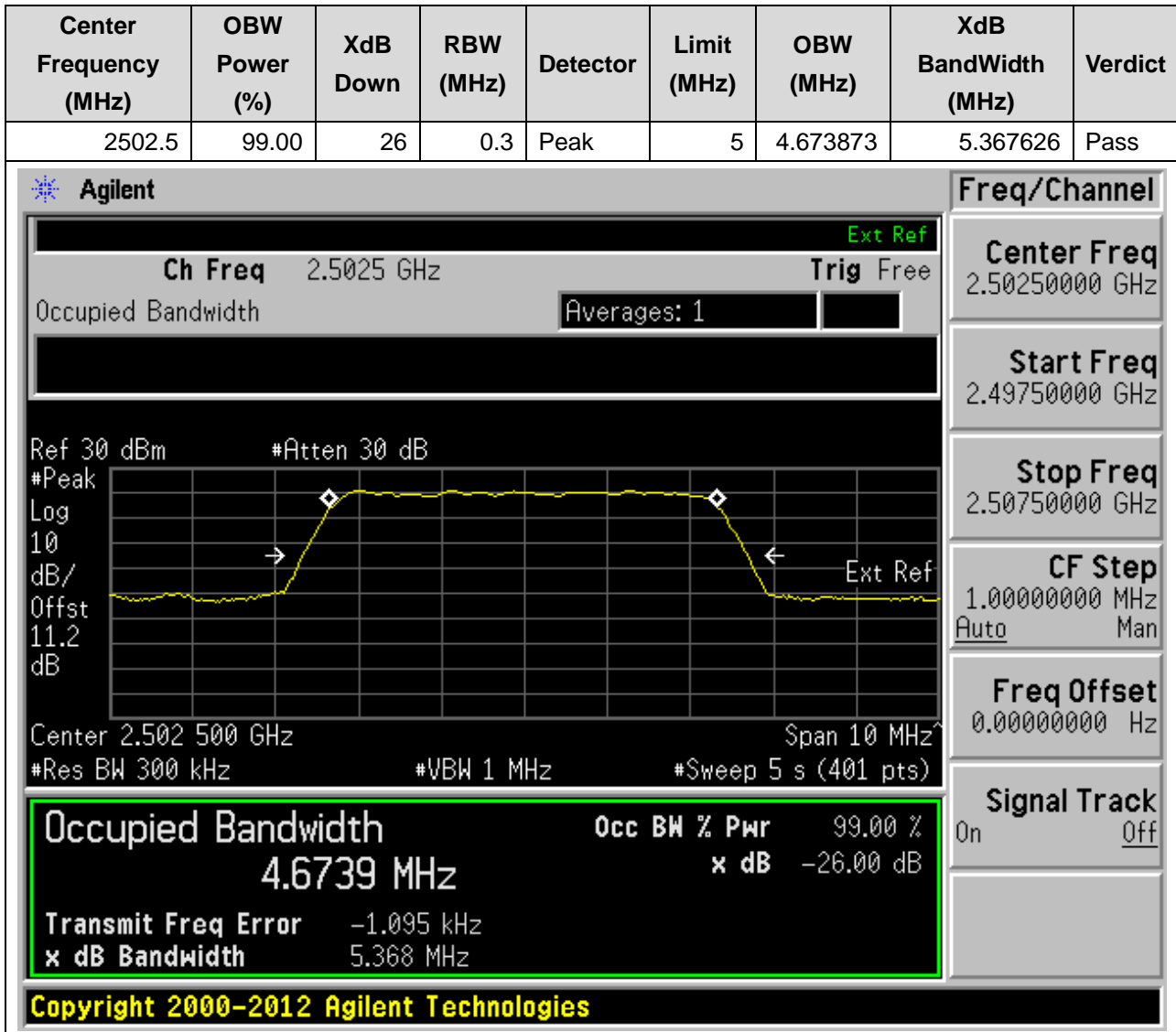
23. NR_n5_SCS15_20M_H_Outer Full(QPSK)

23.12. NR Occupied Bandwidth(NTNV)



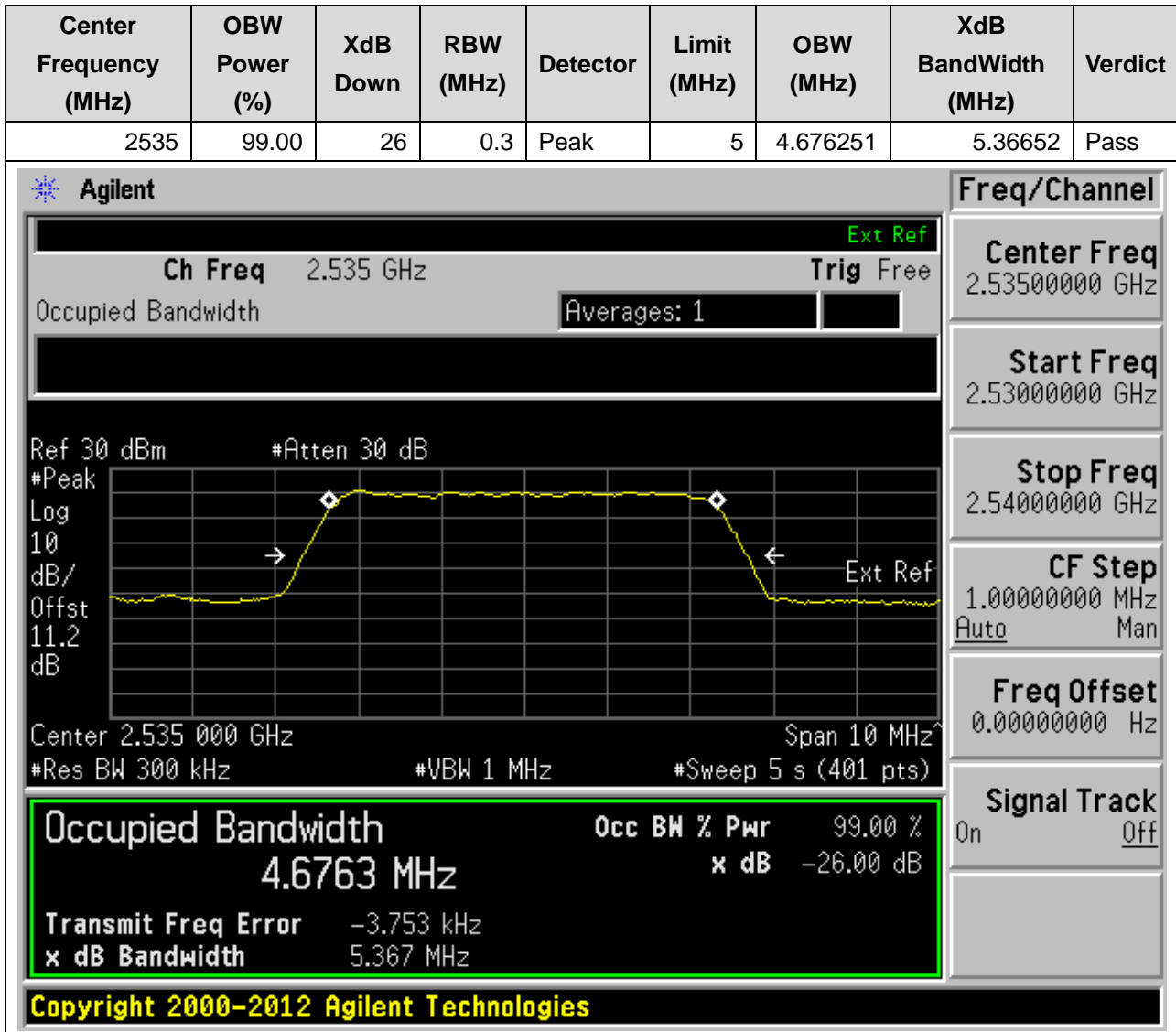
24. NR_n7_SCS15_5M_L_Outer Full(QPSK)

24.1. NR Occupied Bandwidth(NTNV)



24. NR_n7_SCS15_5M_M_Outer Full(QPSK)

24.2. NR Occupied Bandwidth(NTNV)



24. NR_n7_SCS15_5M_H_Outer Full(QPSK)

24.3. NR Occupied Bandwidth(NTNV)



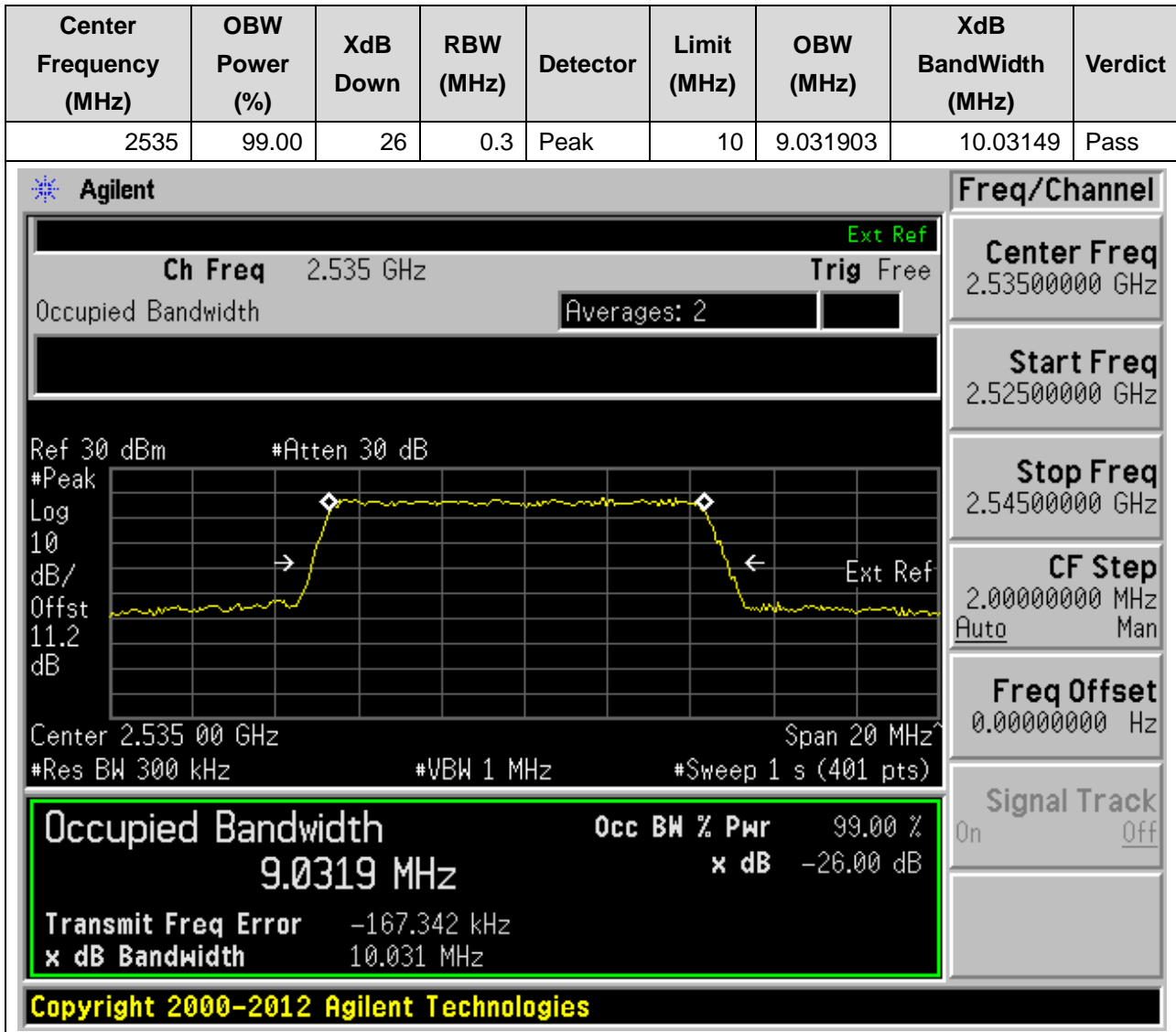
24. NR_n7_SCS15_10M_L_Outer Full(QPSK)

24.4. NR Occupied Bandwidth(NTNV)



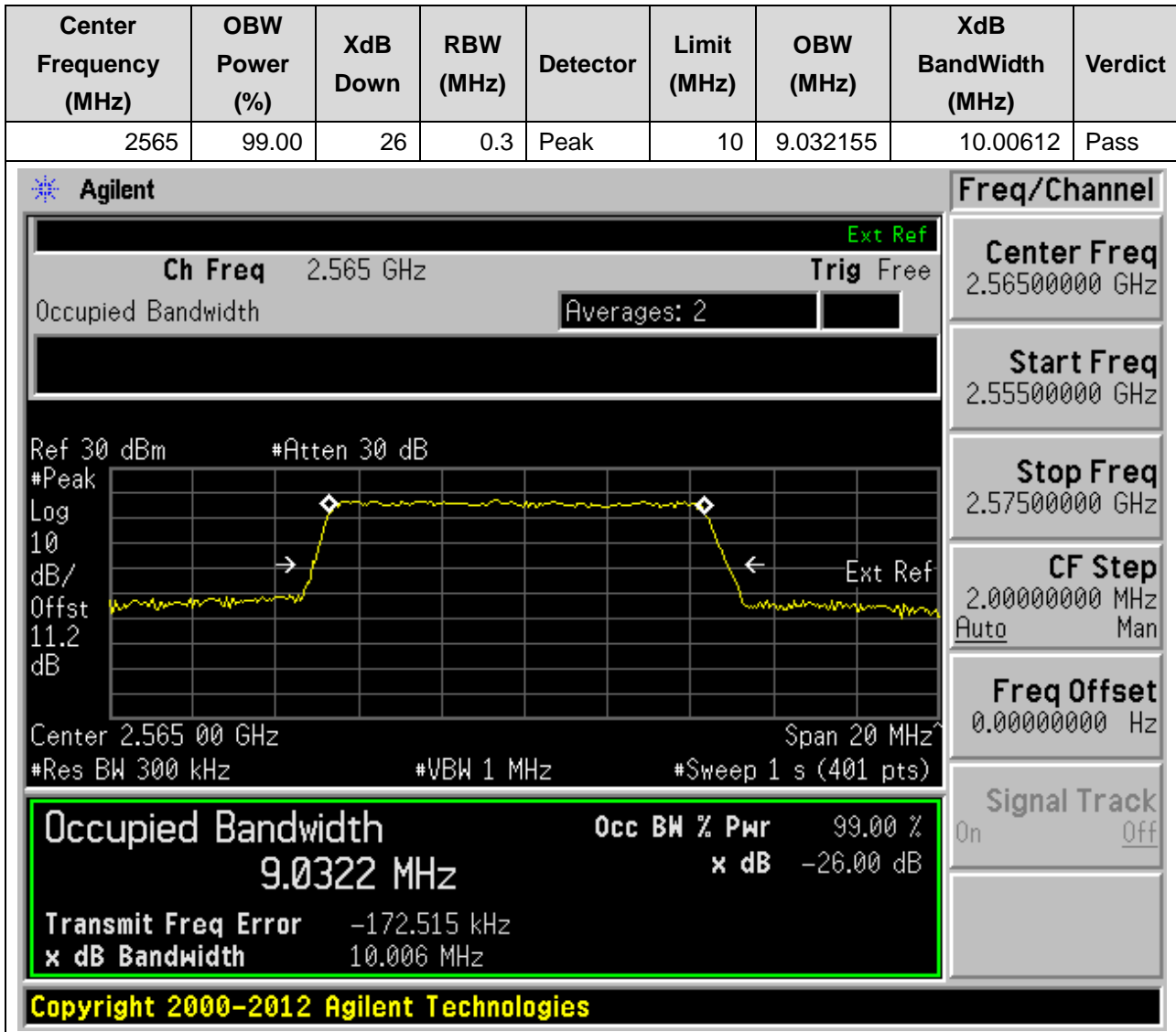
24. NR_n7_SCS15_10M_M_Outer Full(QPSK)

24.5. NR Occupied Bandwidth(NTNV)



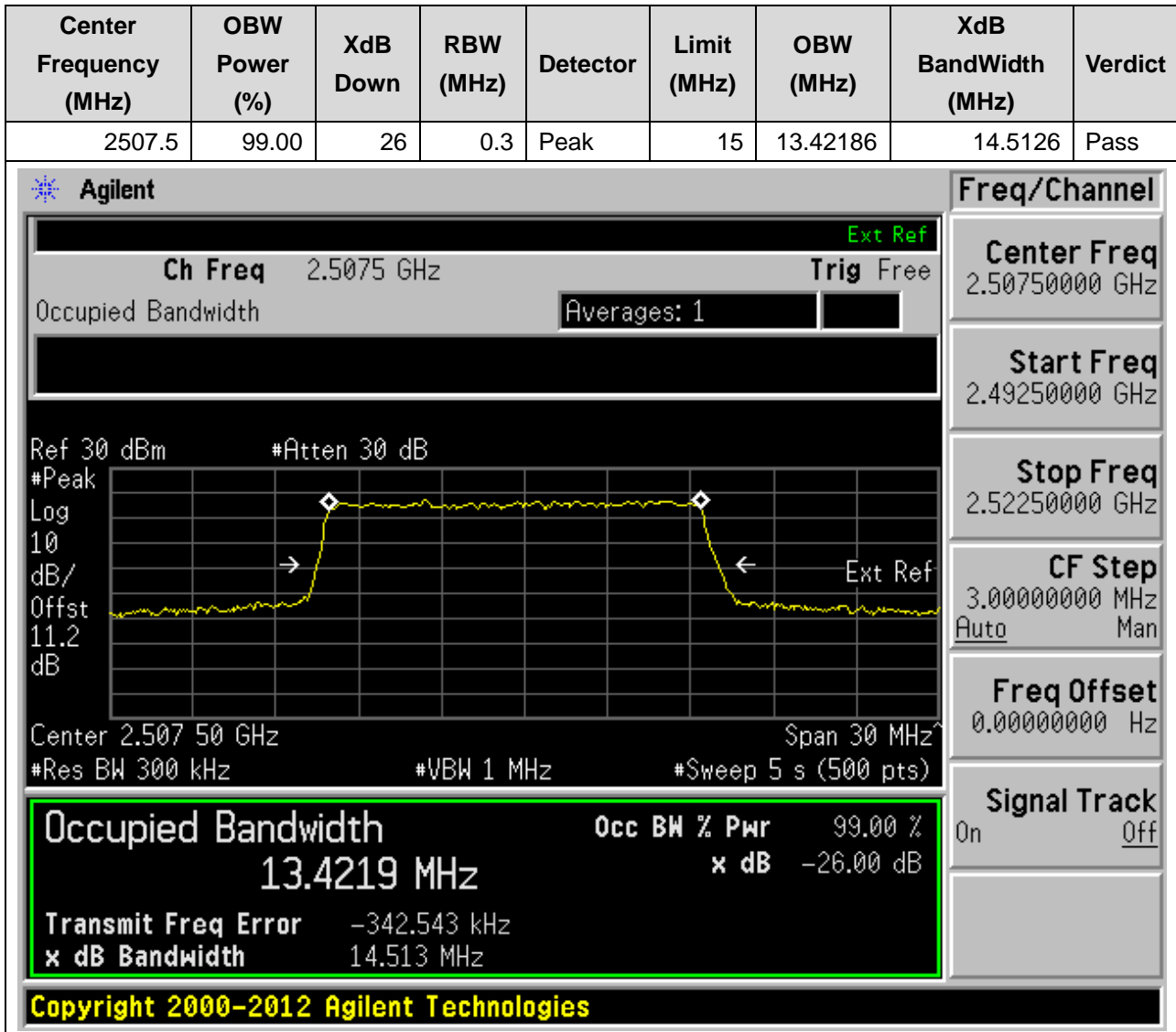
24. NR_n7_SCS15_10M_H_Outer Full(QPSK)

24.6. NR Occupied Bandwidth(NTNV)



24. NR_n7_SCS15_15M_L_Outer Full(QPSK)

24.7. NR Occupied Bandwidth(NTNV)



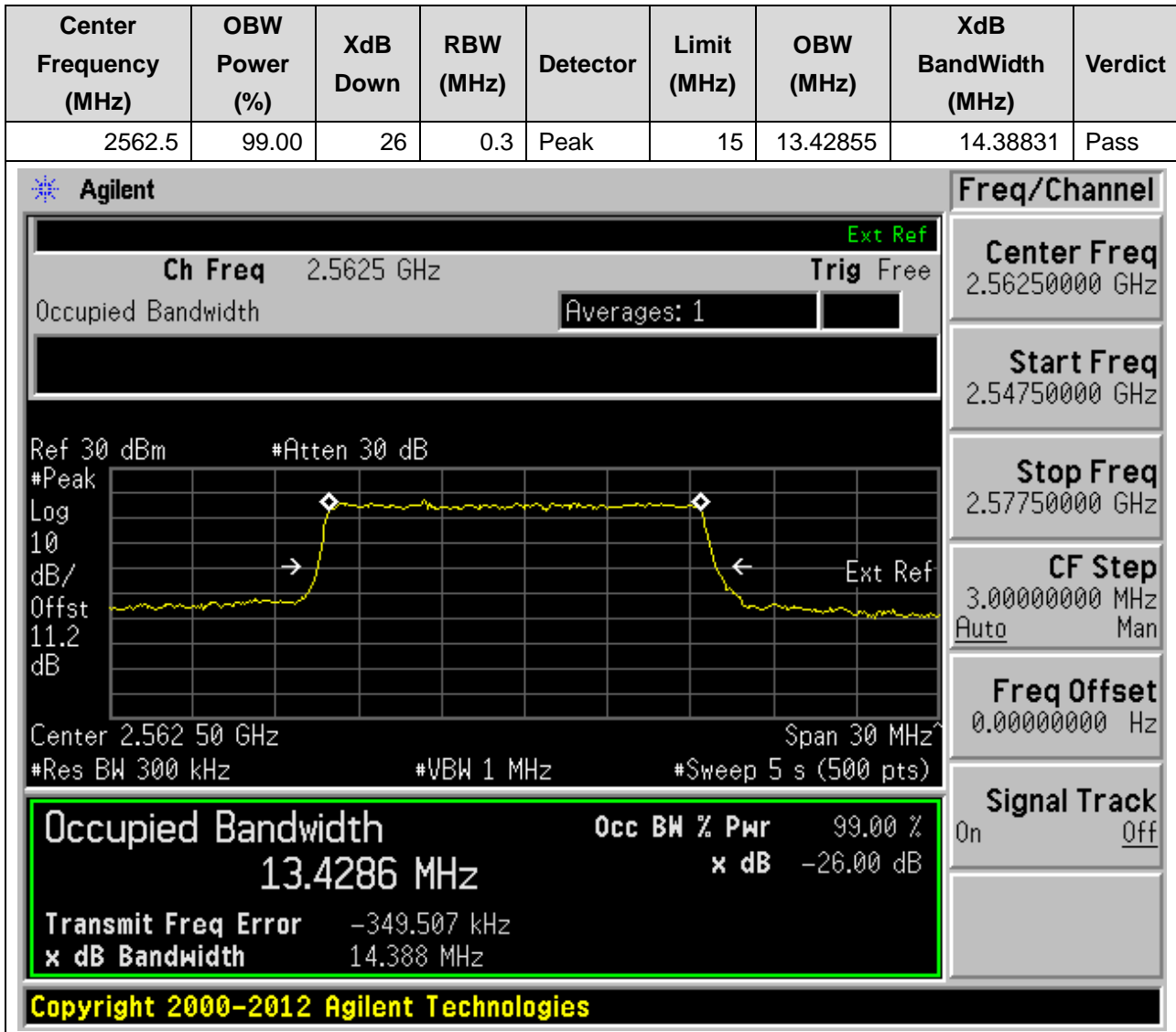
24. NR_n7_SCS15_15M_M_Outer Full(QPSK)

24.8. NR Occupied Bandwidth(NTNV)



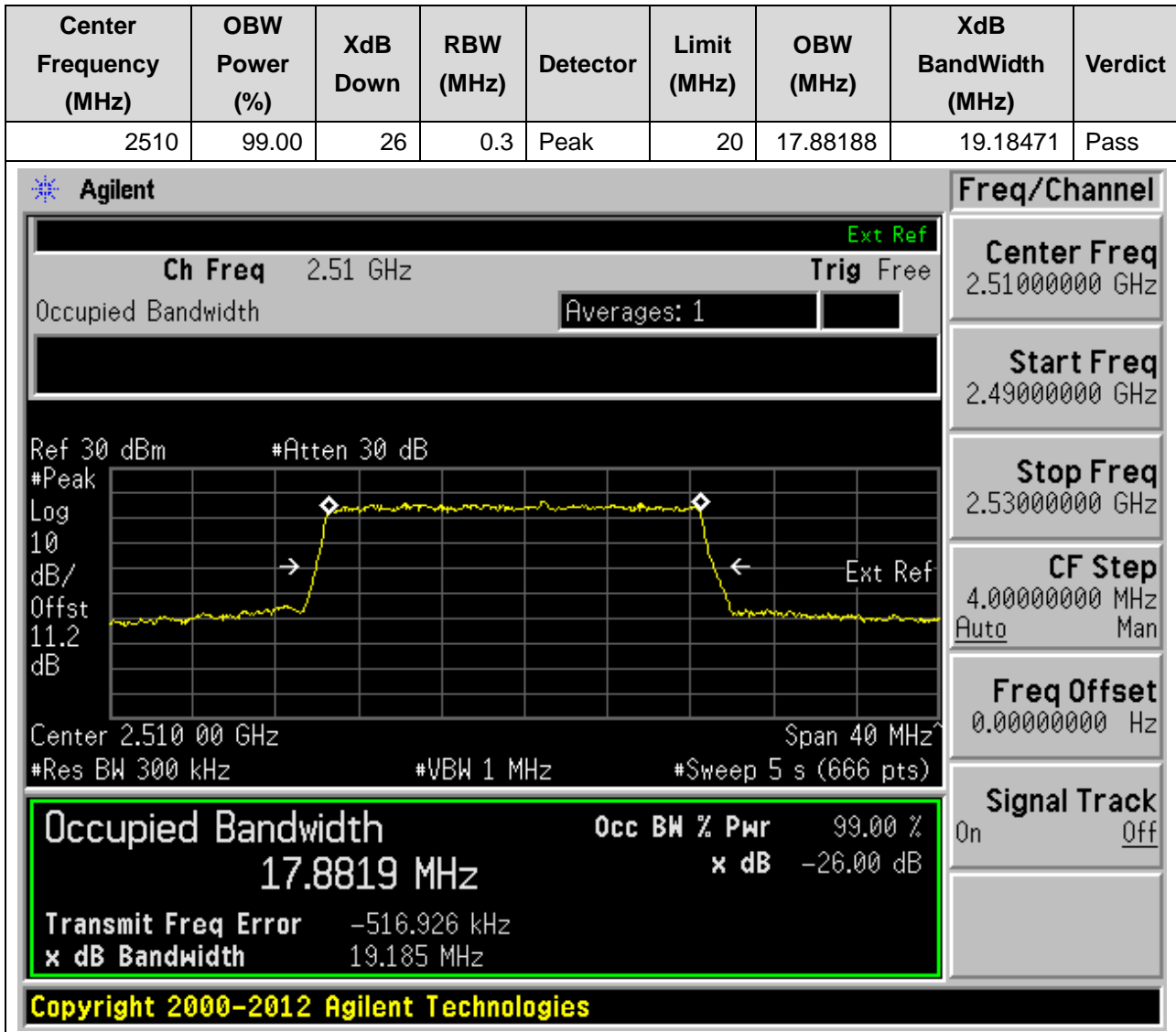
24. NR_n7_SCS15_15M_H_Outer Full(QPSK)

24.9. NR Occupied Bandwidth(NTNV)



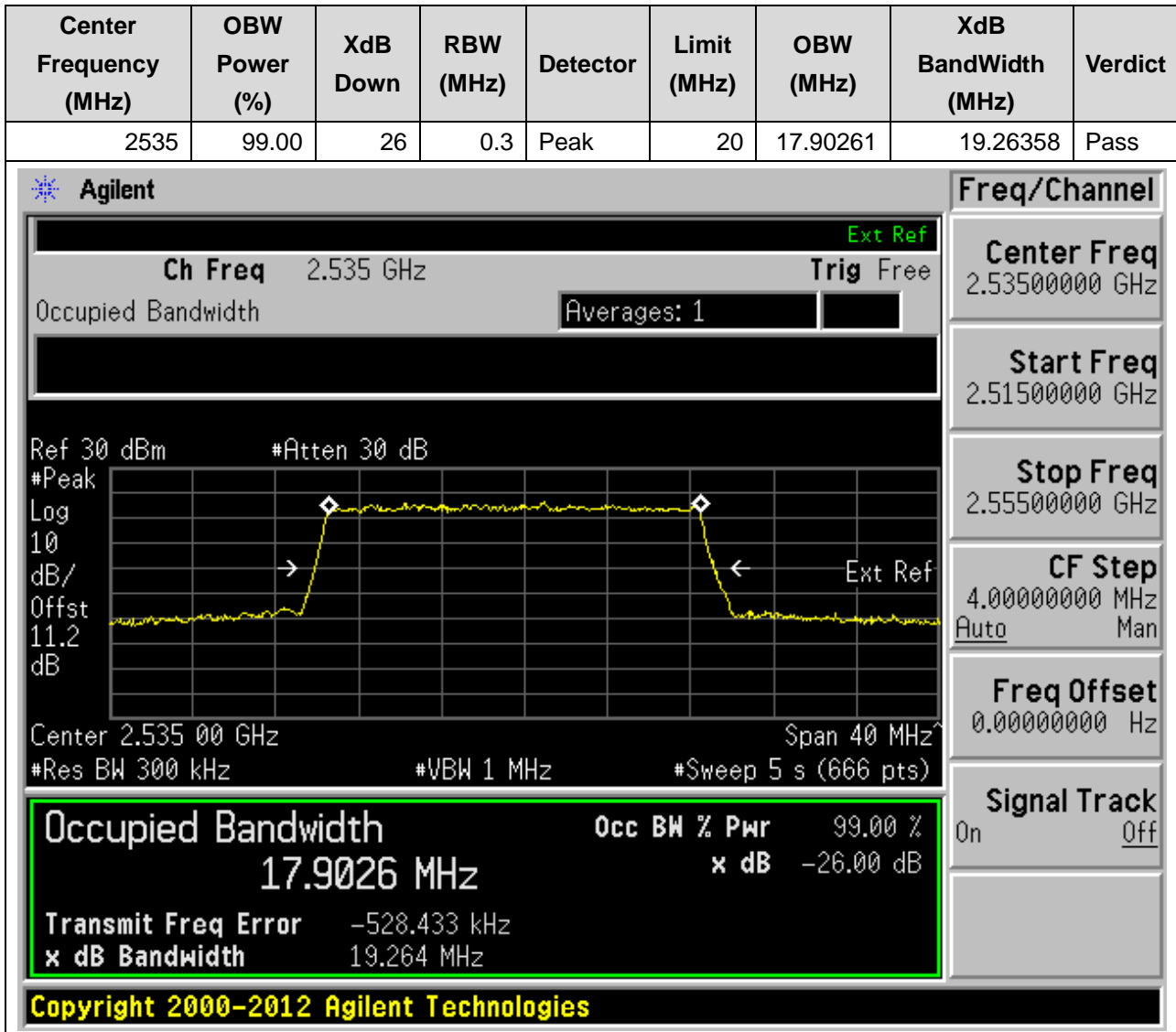
24. NR_n7_SCS15_20M_L_Outer Full(QPSK)

24.10. NR Occupied Bandwidth(NTNV)



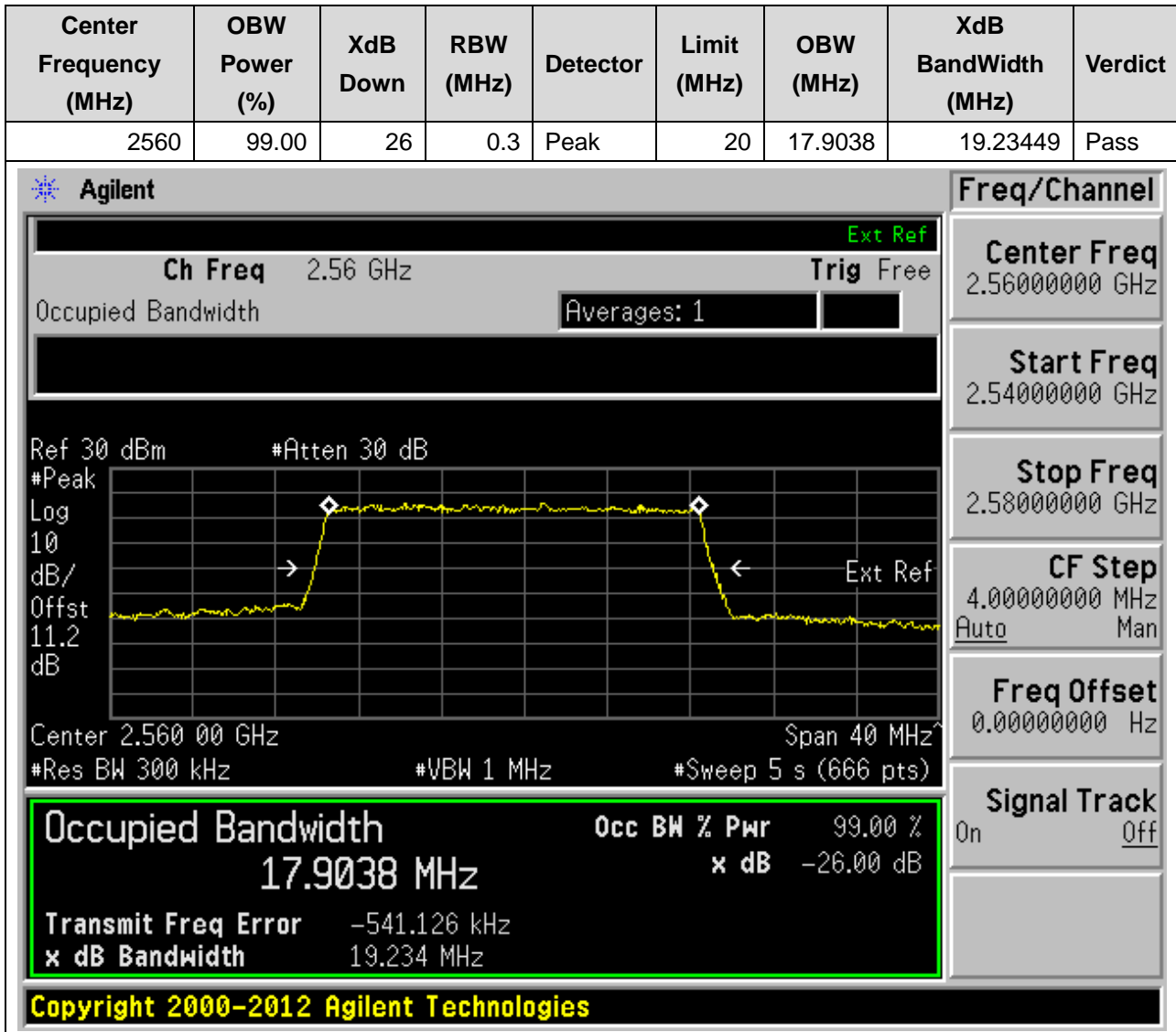
24. NR_n7_SCS15_20M_M_Outer Full(QPSK)

24.11. NR Occupied Bandwidth(NTNV)



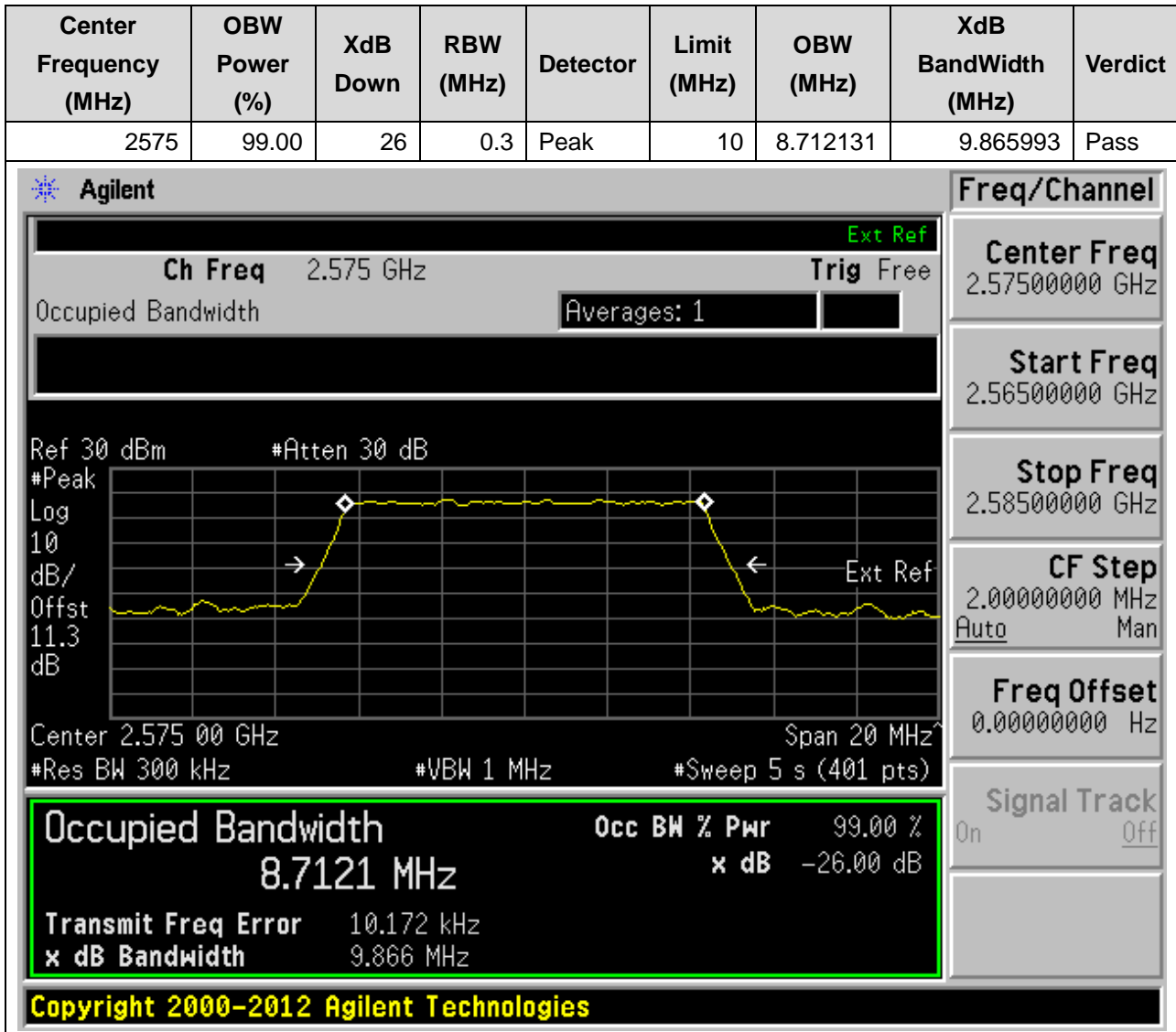
24. NR_n7_SCS15_20M_H_Outer Full(QPSK)

24.12. NR Occupied Bandwidth(NTNV)



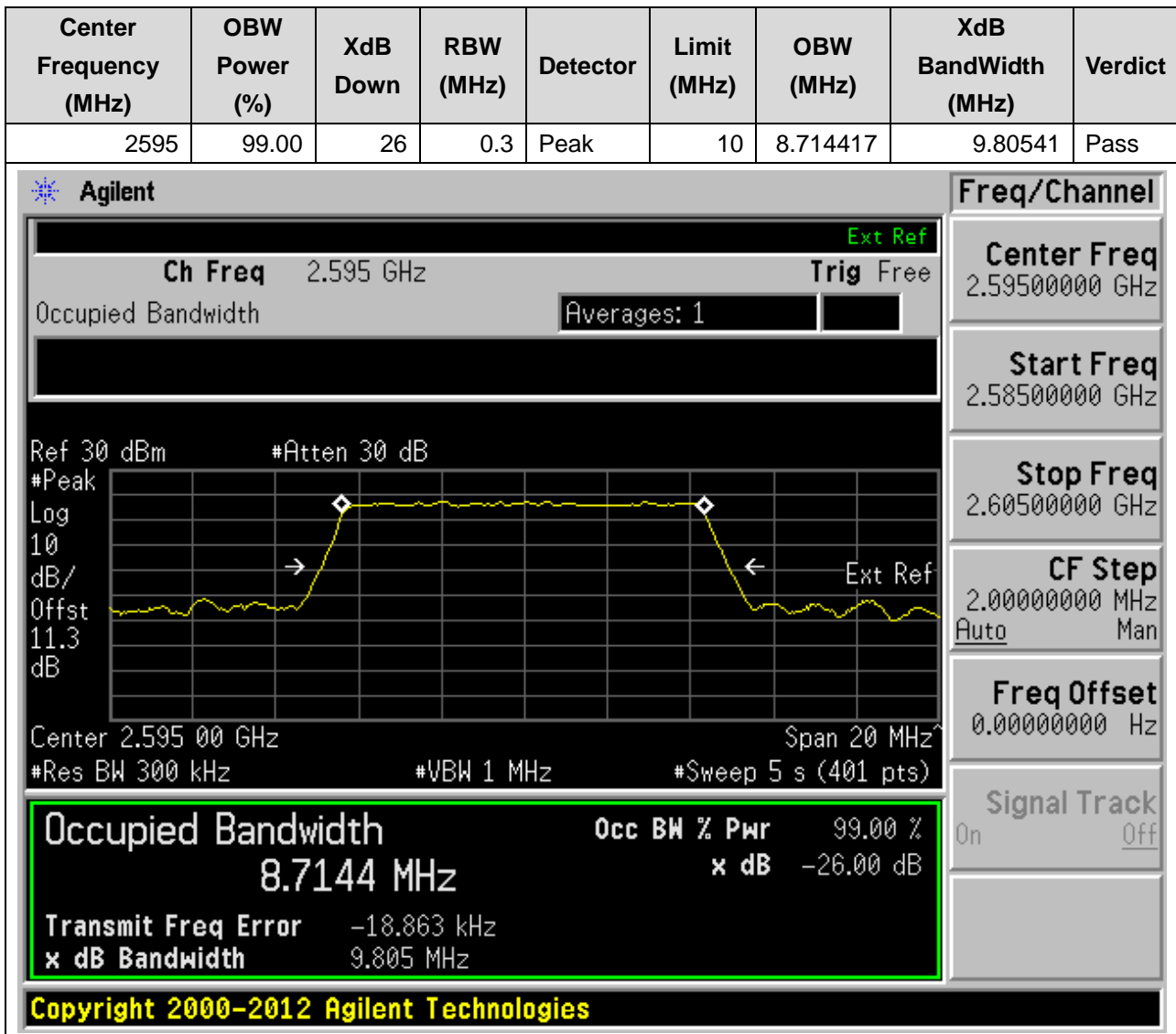
25. NR_n38_SCS30_10M_L_Outer Full(QPSK)

25.1. NR Occupied Bandwidth(NTNV)



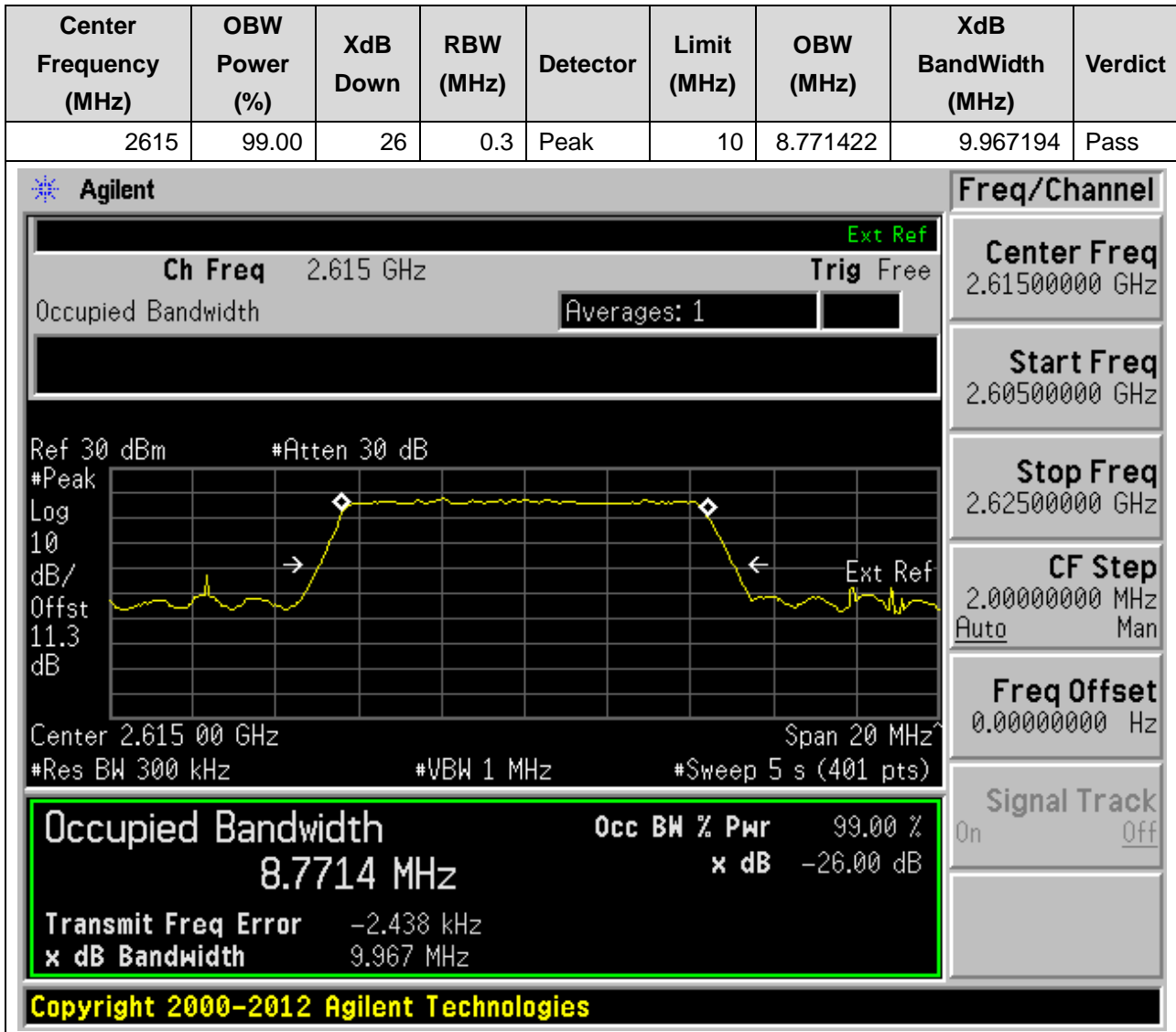
25. NR_n38_SCS30_10M_M_Outer Full(QPSK)

25.2. NR Occupied Bandwidth(NTNV)



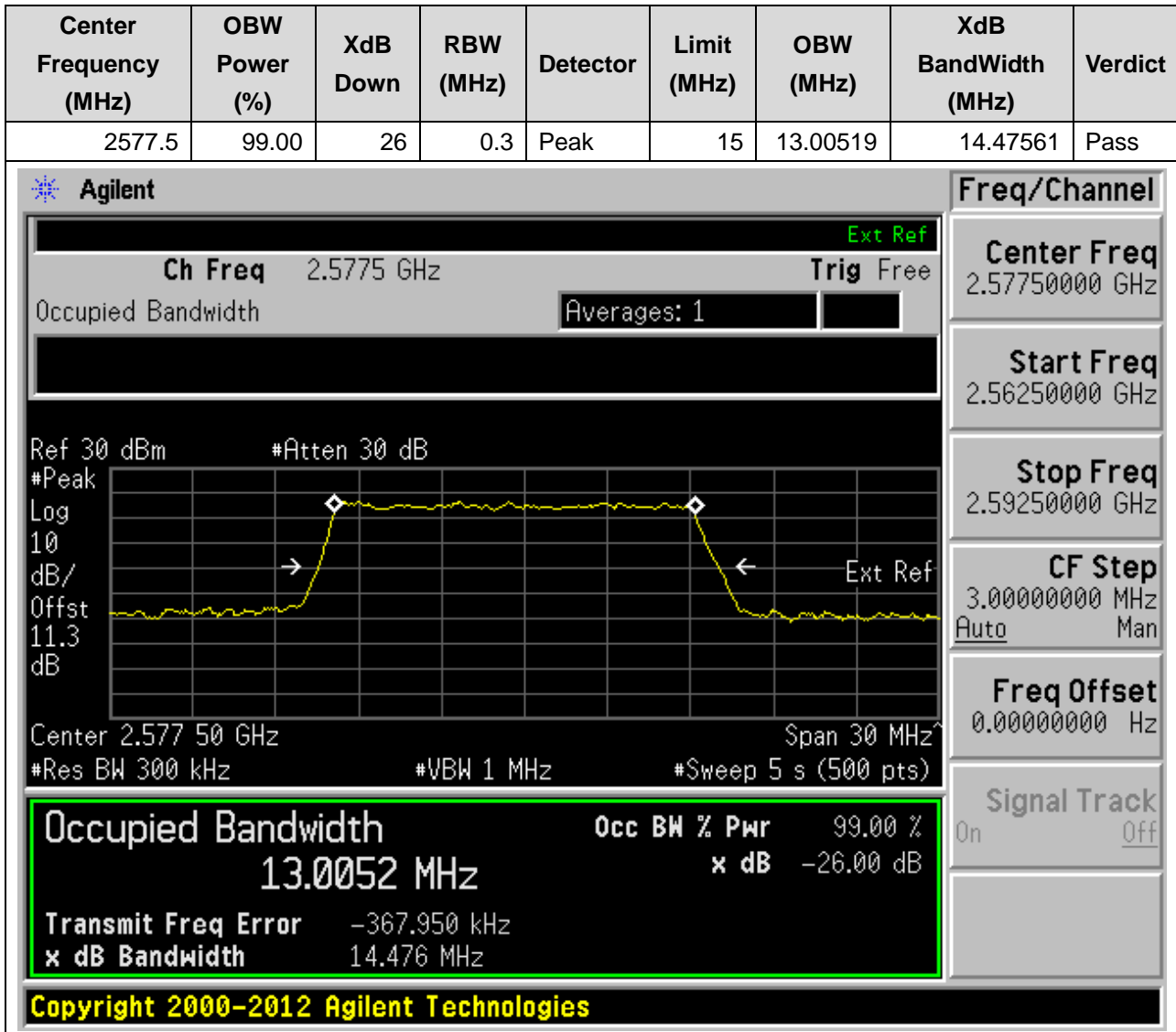
25. NR_n38_SCS30_10M_H_Outer Full(QPSK)

25.3. NR Occupied Bandwidth(NTNV)



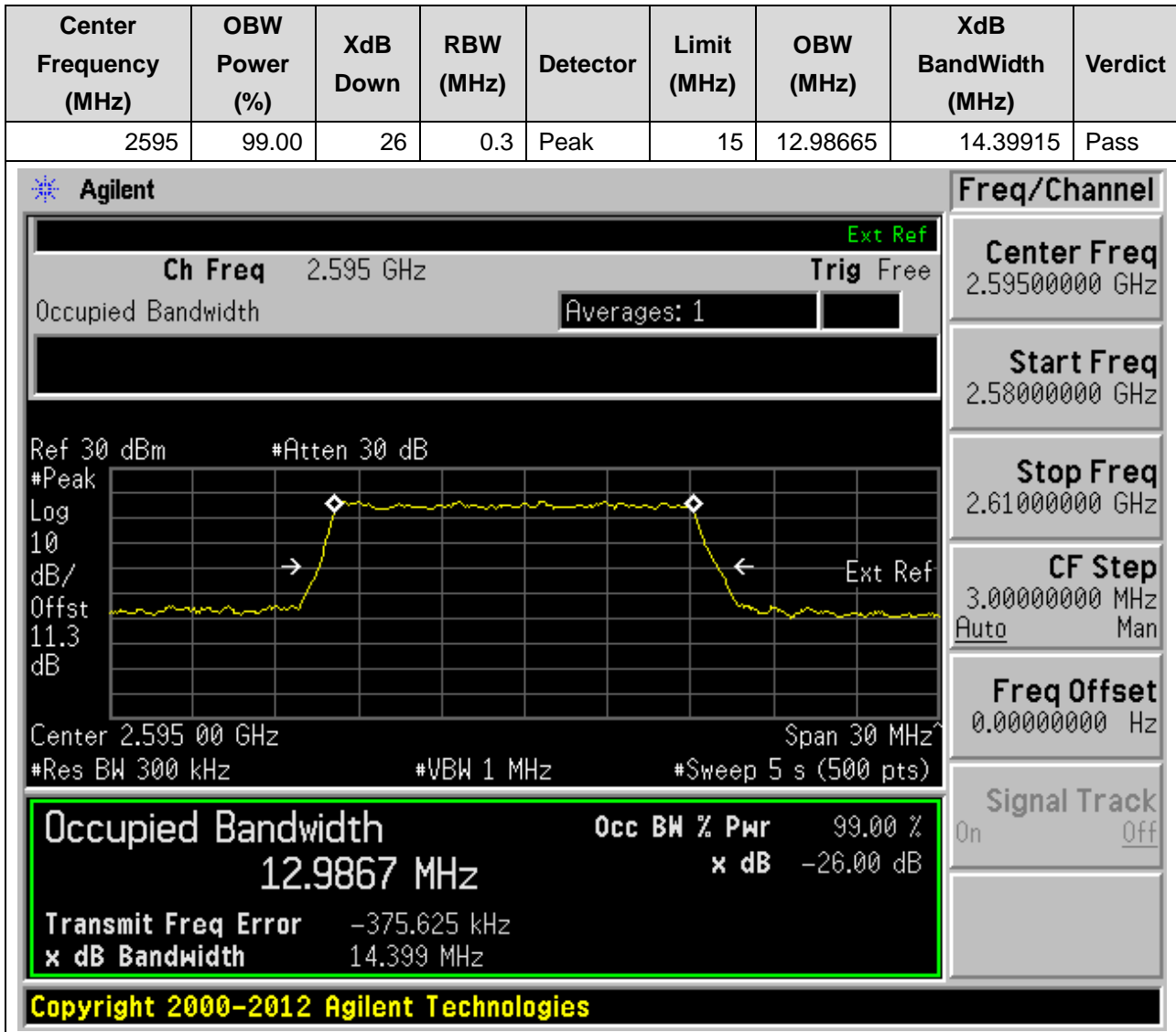
25. NR_n38_SCS30_15M_L_Outer Full(QPSK)

25.4. NR Occupied Bandwidth(NTNV)



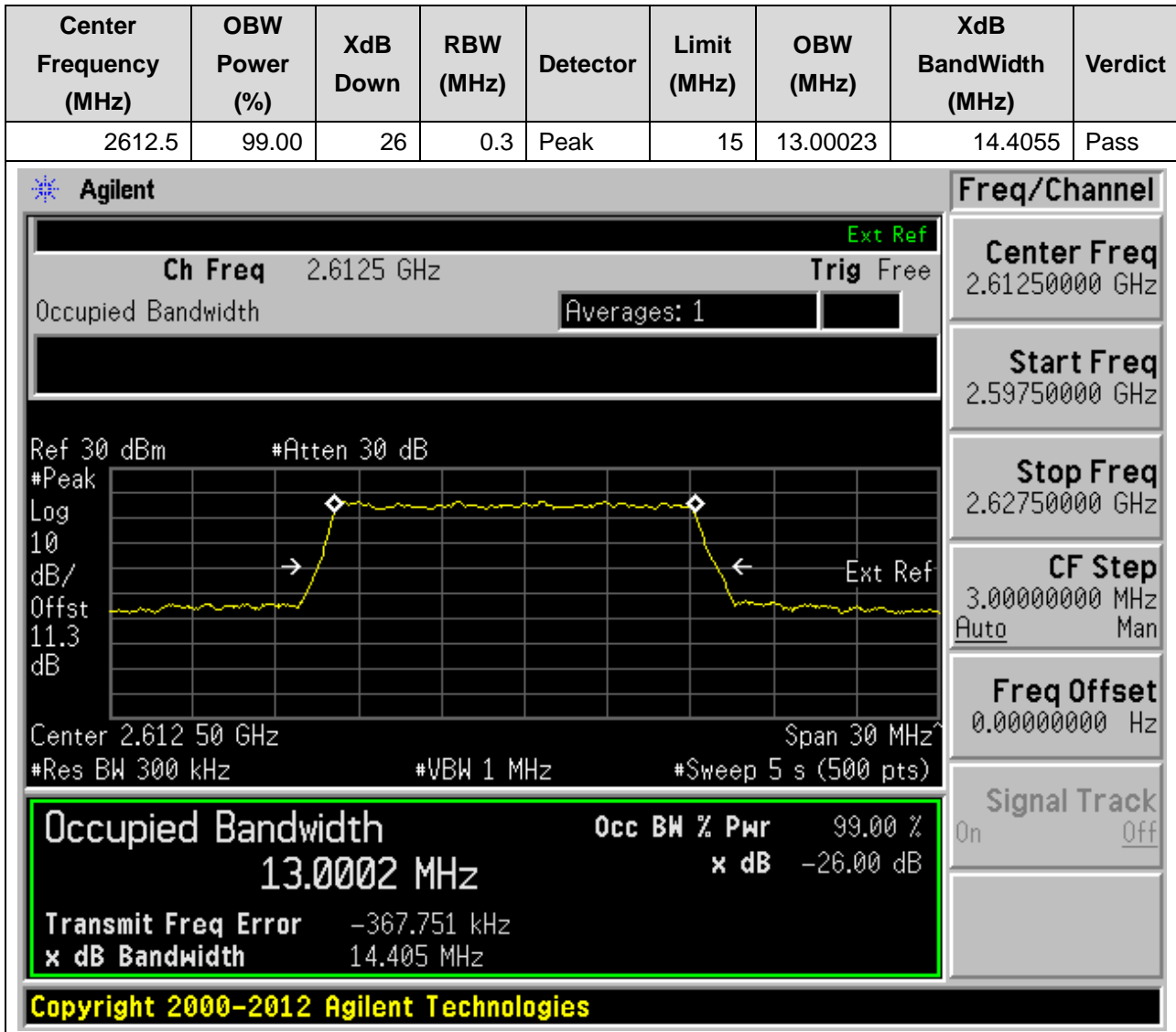
25. NR_n38_SCS30_15M_M_Outer Full(QPSK)

25.5. NR Occupied Bandwidth(NTNV)



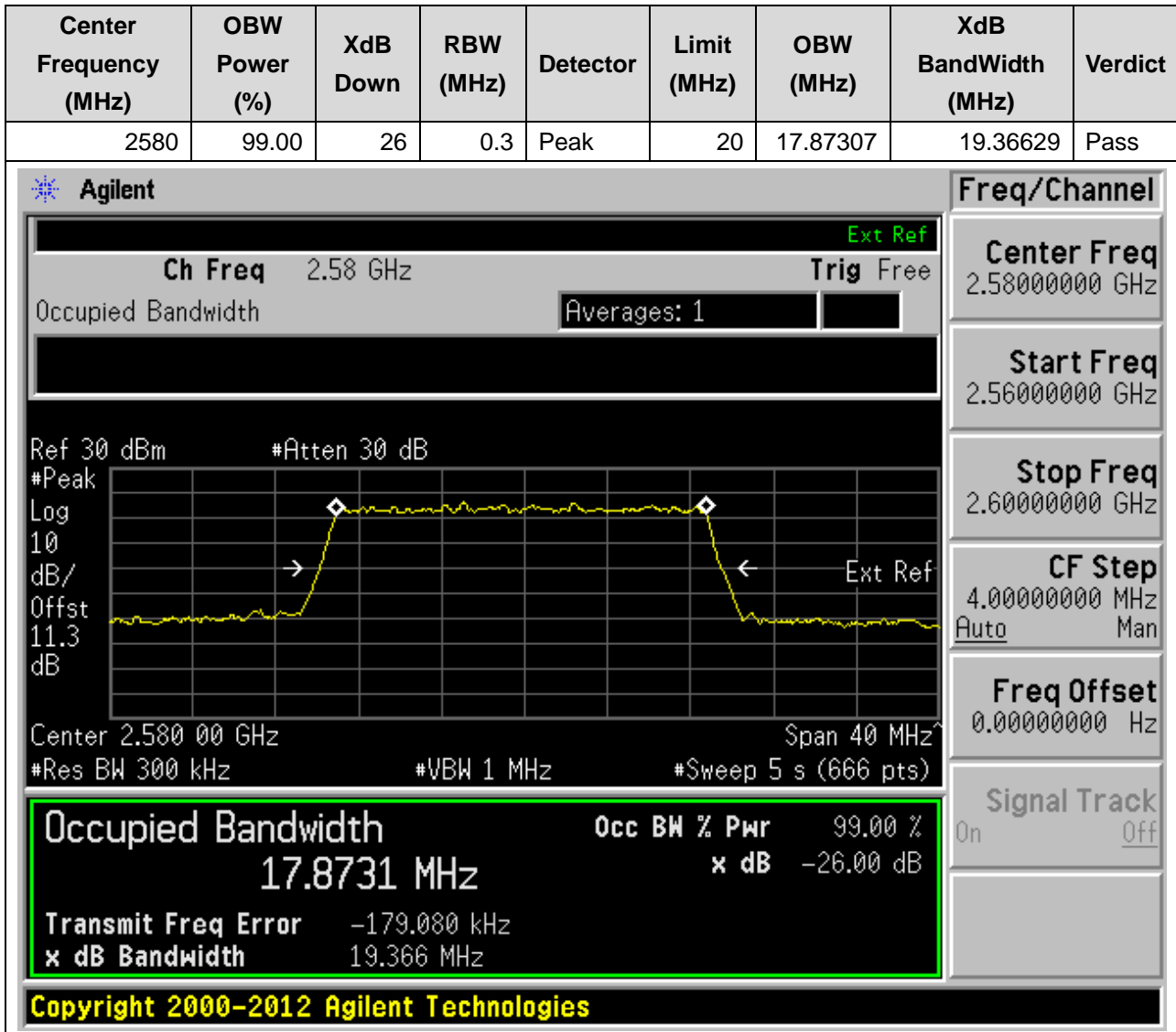
25. NR_n38_SCS30_15M_H_Outer Full(QPSK)

25.6. NR Occupied Bandwidth(NTNV)



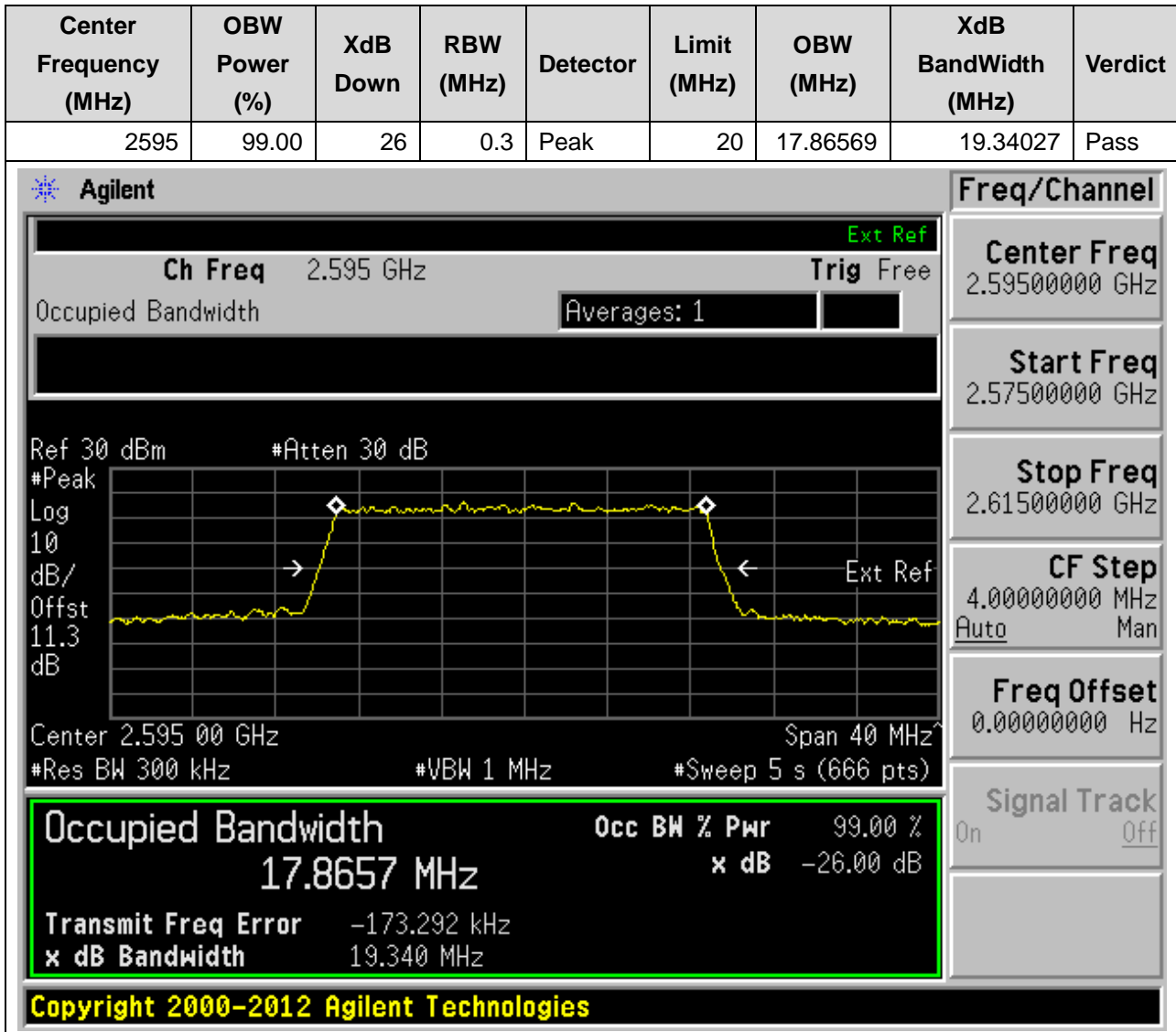
25. NR_n38_SCS30_20M_L_Outer Full(QPSK)

25.7. NR Occupied Bandwidth(NTNV)



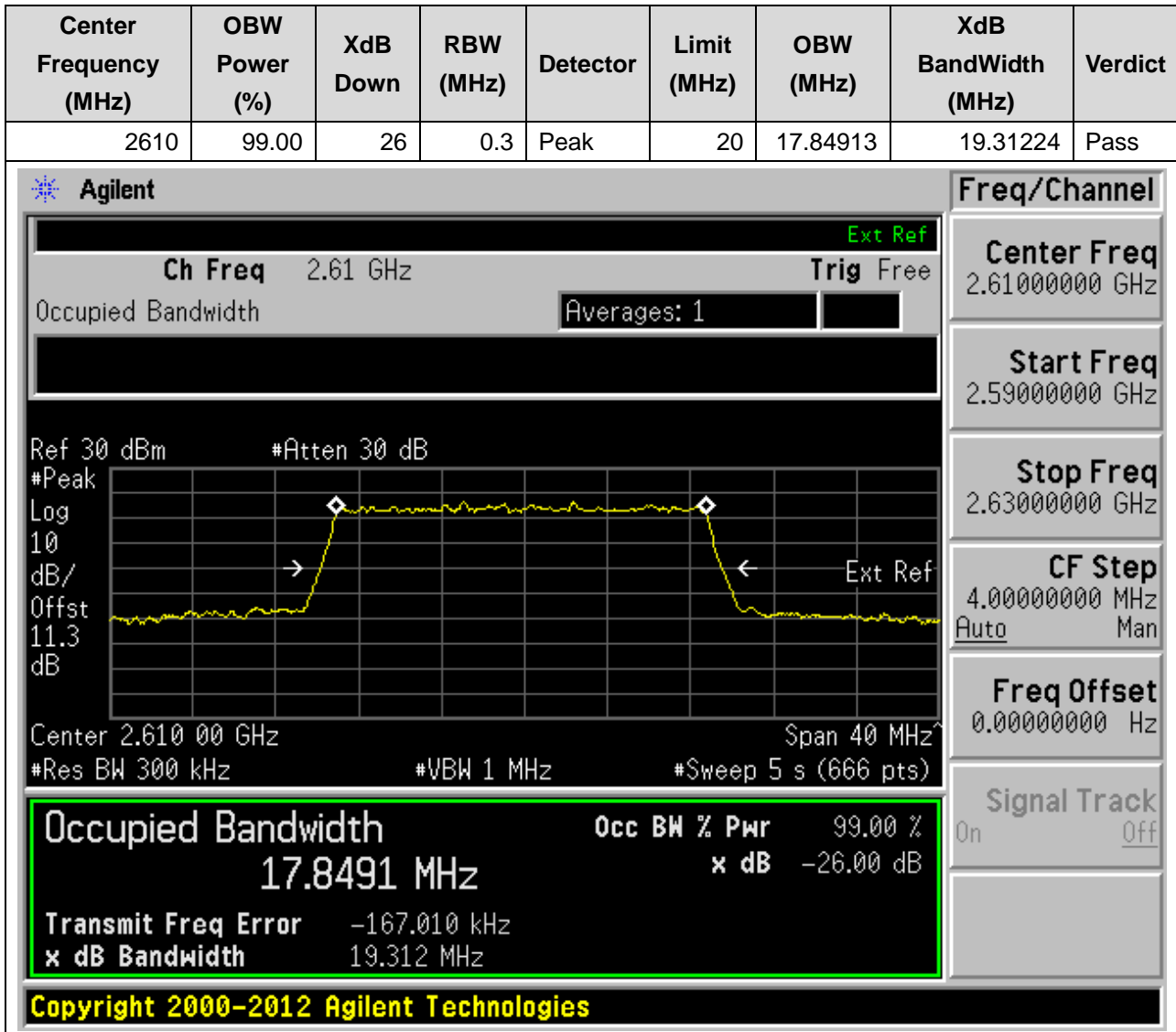
25. NR_n38_SCS30_20M_M_Outer Full(QPSK)

25.8. NR Occupied Bandwidth(NTNV)



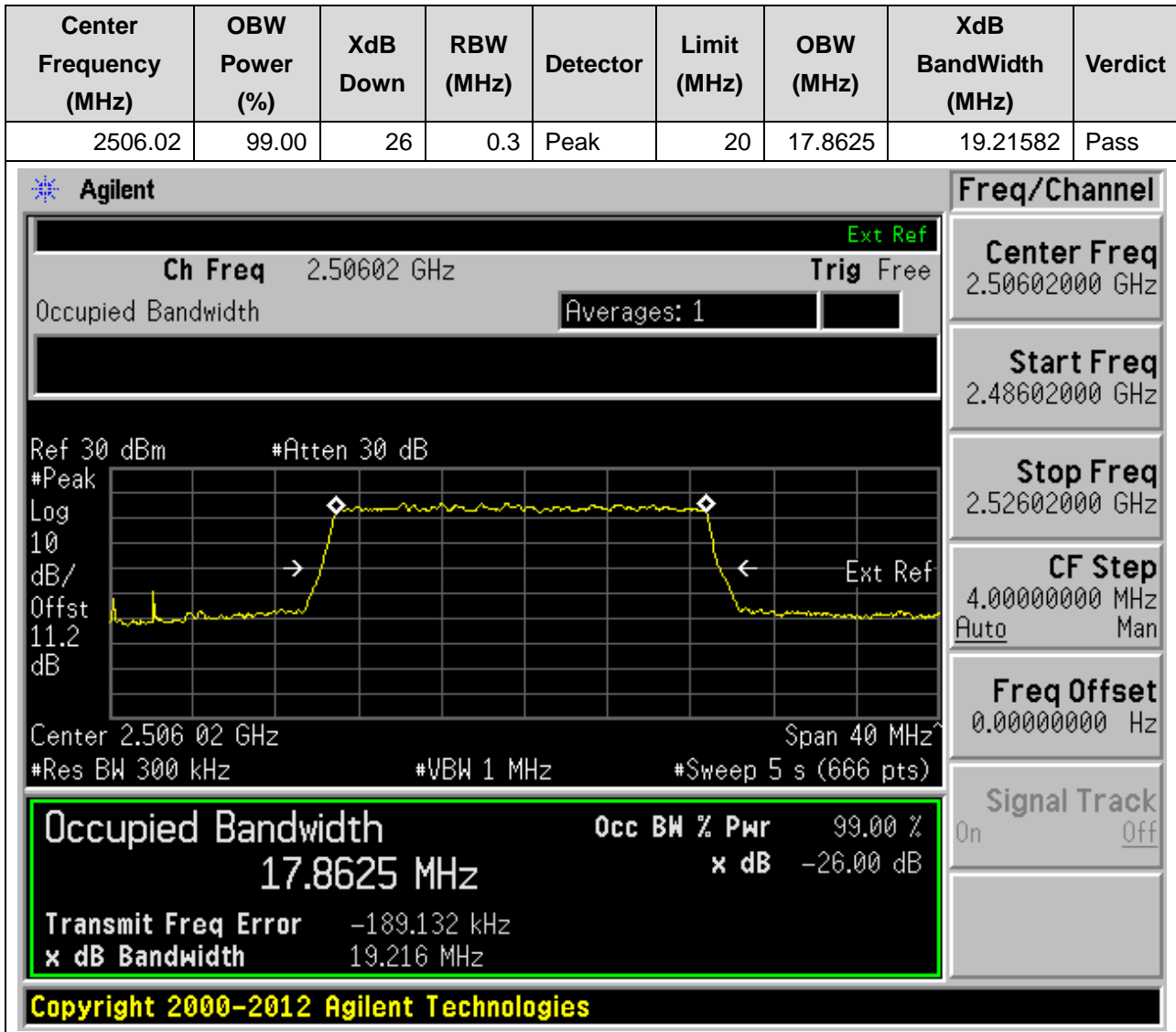
25. NR_n38_SCS30_20M_H_Outer Full(QPSK)

25.9. NR Occupied Bandwidth(NTNV)



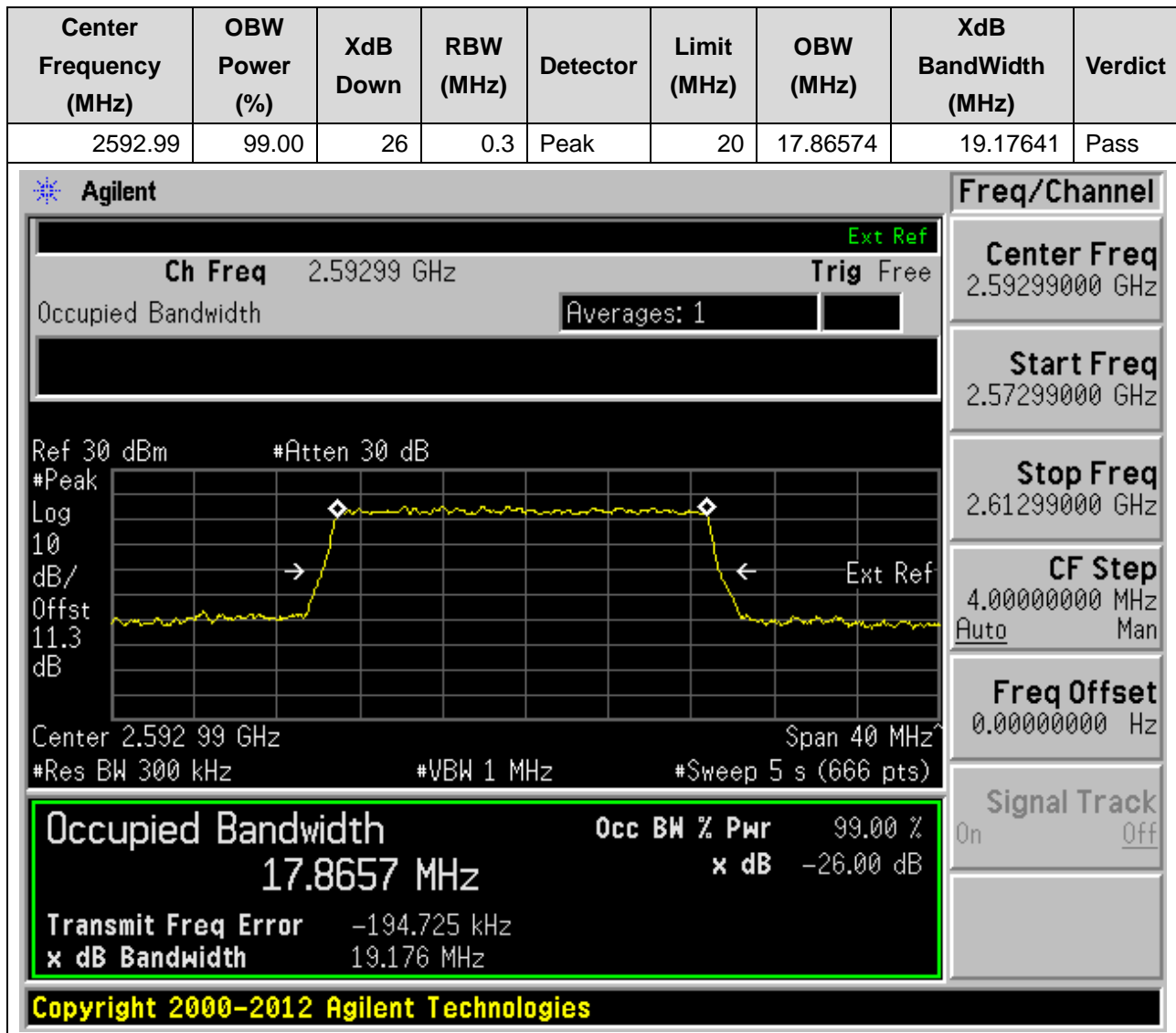
26. NR_n41_SCS30_20M_L_Outer Full(QPSK)

26.1. NR Occupied Bandwidth(NTNV)



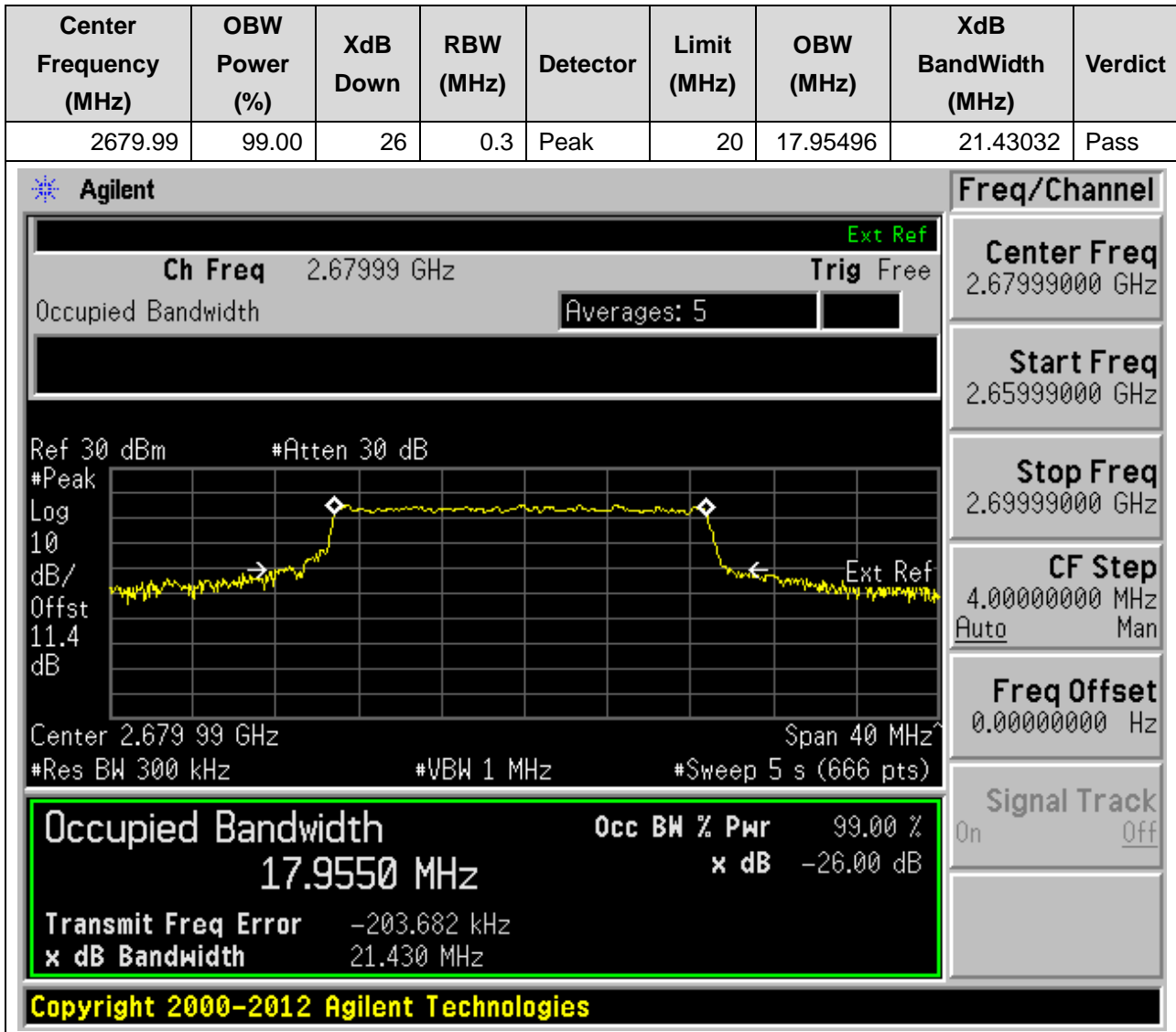
26. NR_n41_SCS30_20M_M_Outer Full(QPSK)

26.2. NR Occupied Bandwidth(NTNV)



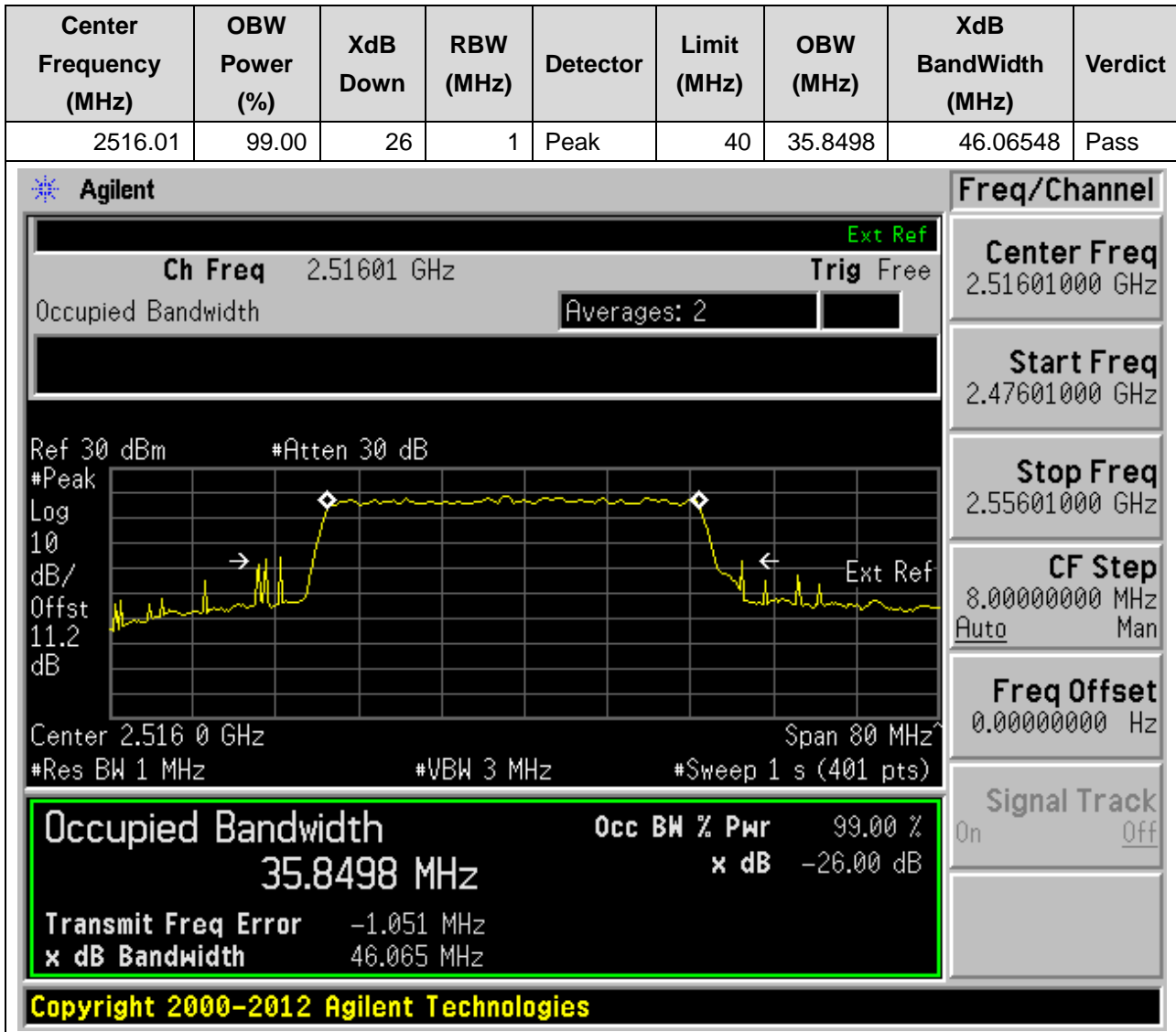
26. NR_n41_SCS30_20M_H_Outer Full(QPSK)

26.3. NR Occupied Bandwidth(NTNV)



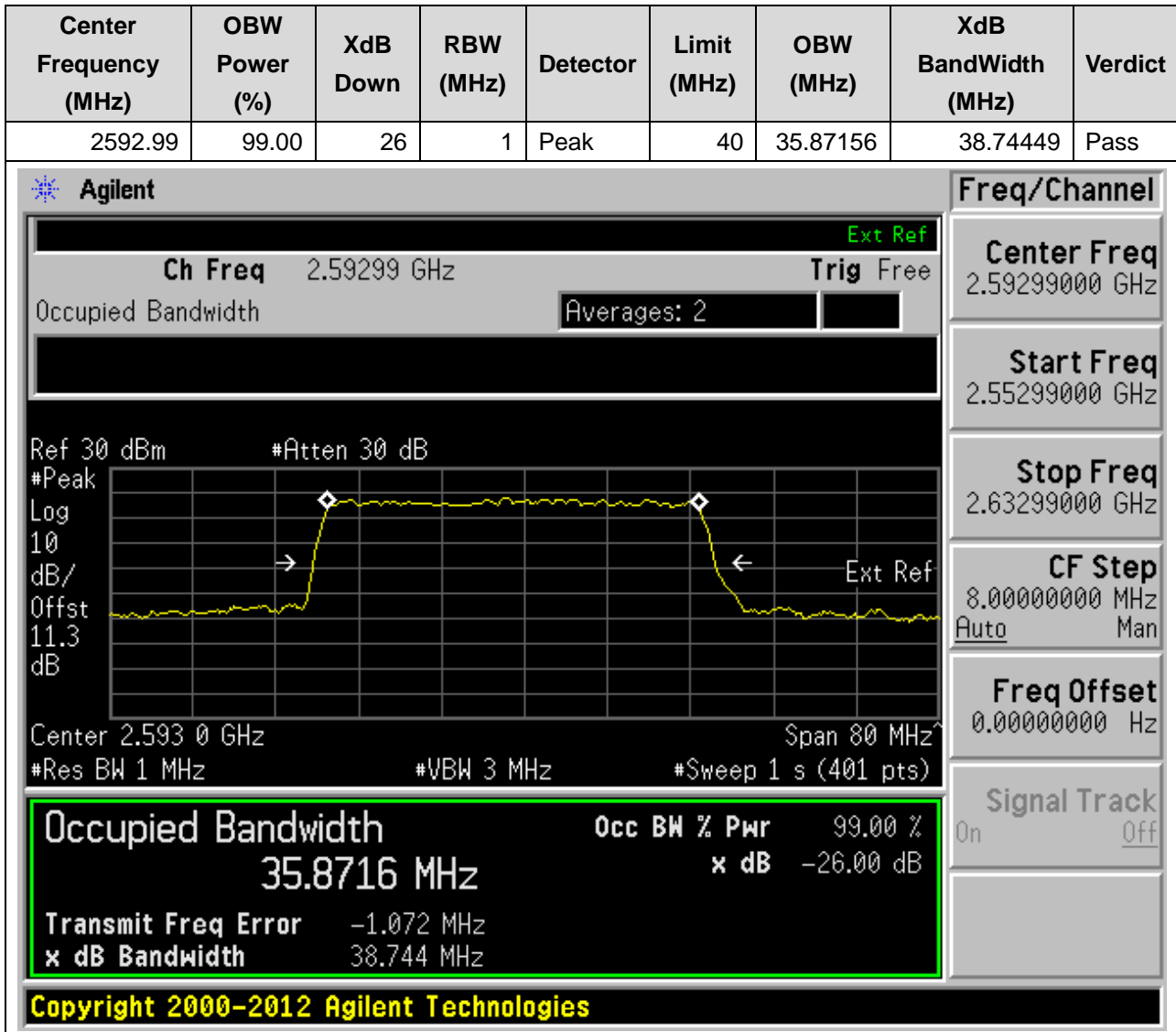
26. NR_n41_SCS30_40M_L_Outer Full(QPSK)

26.4. NR Occupied Bandwidth(NTNV)



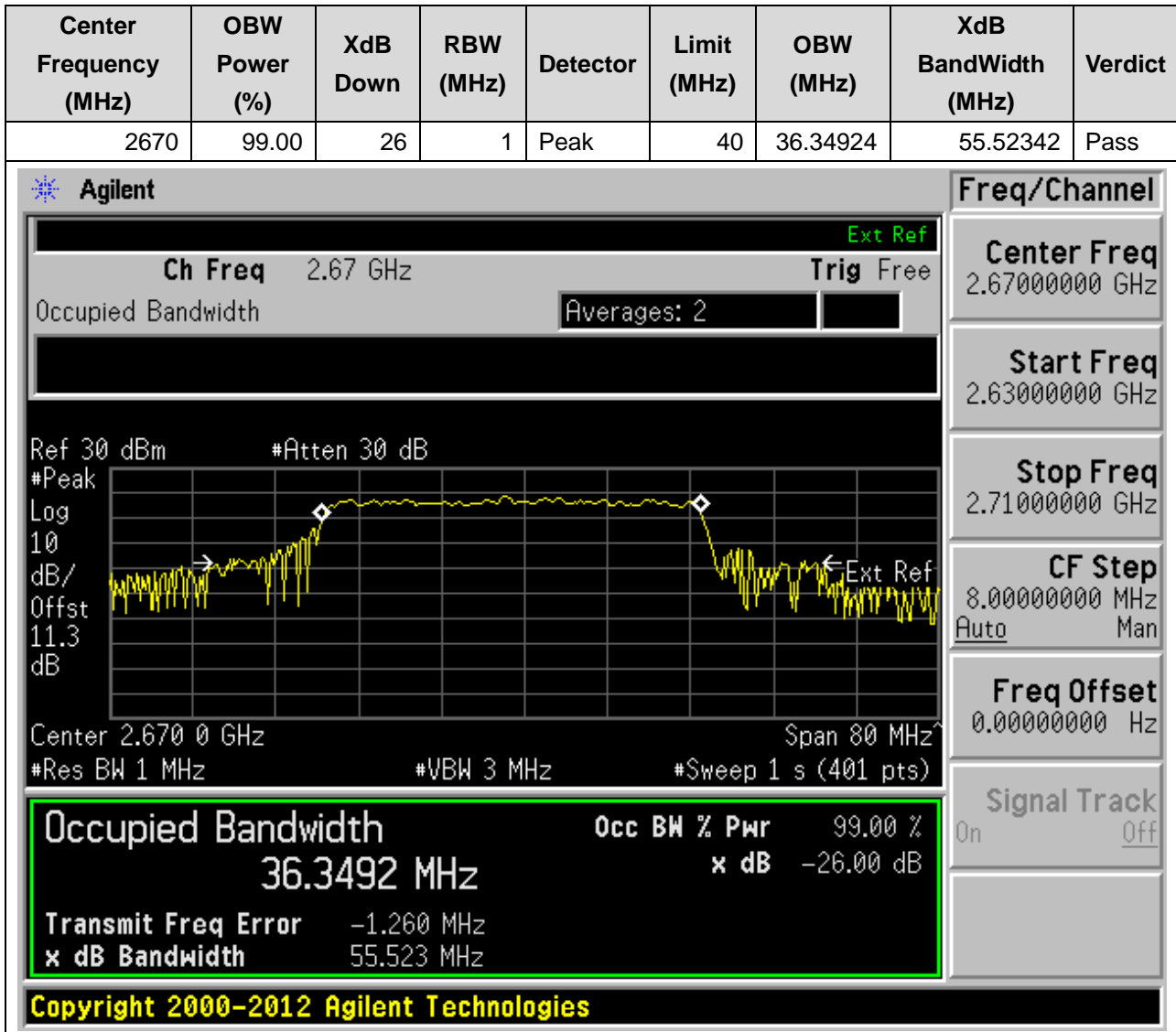
26. NR_n41_SCS30_40M_M_Outer Full(QPSK)

26.5. NR Occupied Bandwidth(NTNV)



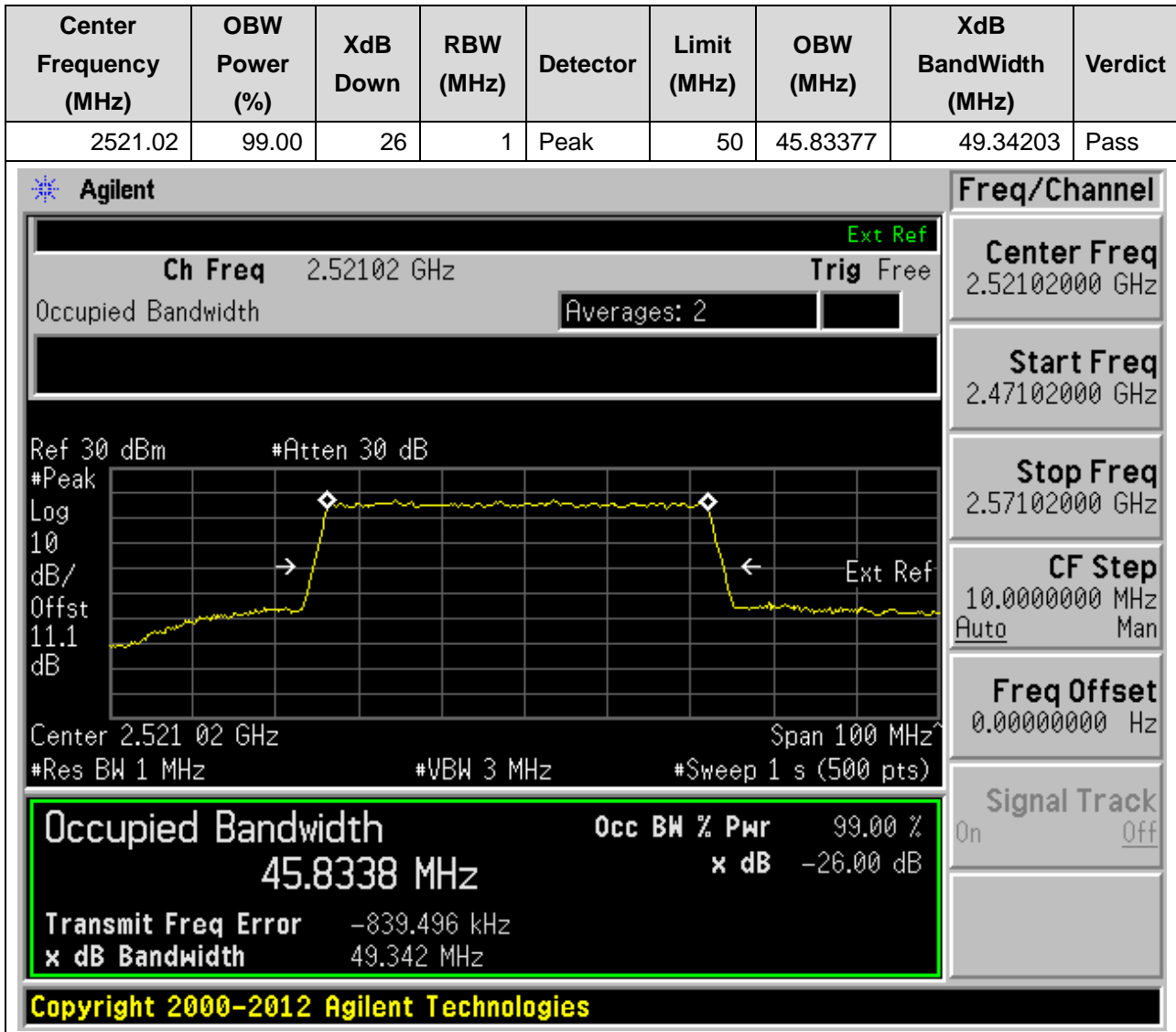
26. NR_n41_SCS30_40M_H_Outer Full(QPSK)

26.6. NR Occupied Bandwidth(NTNV)



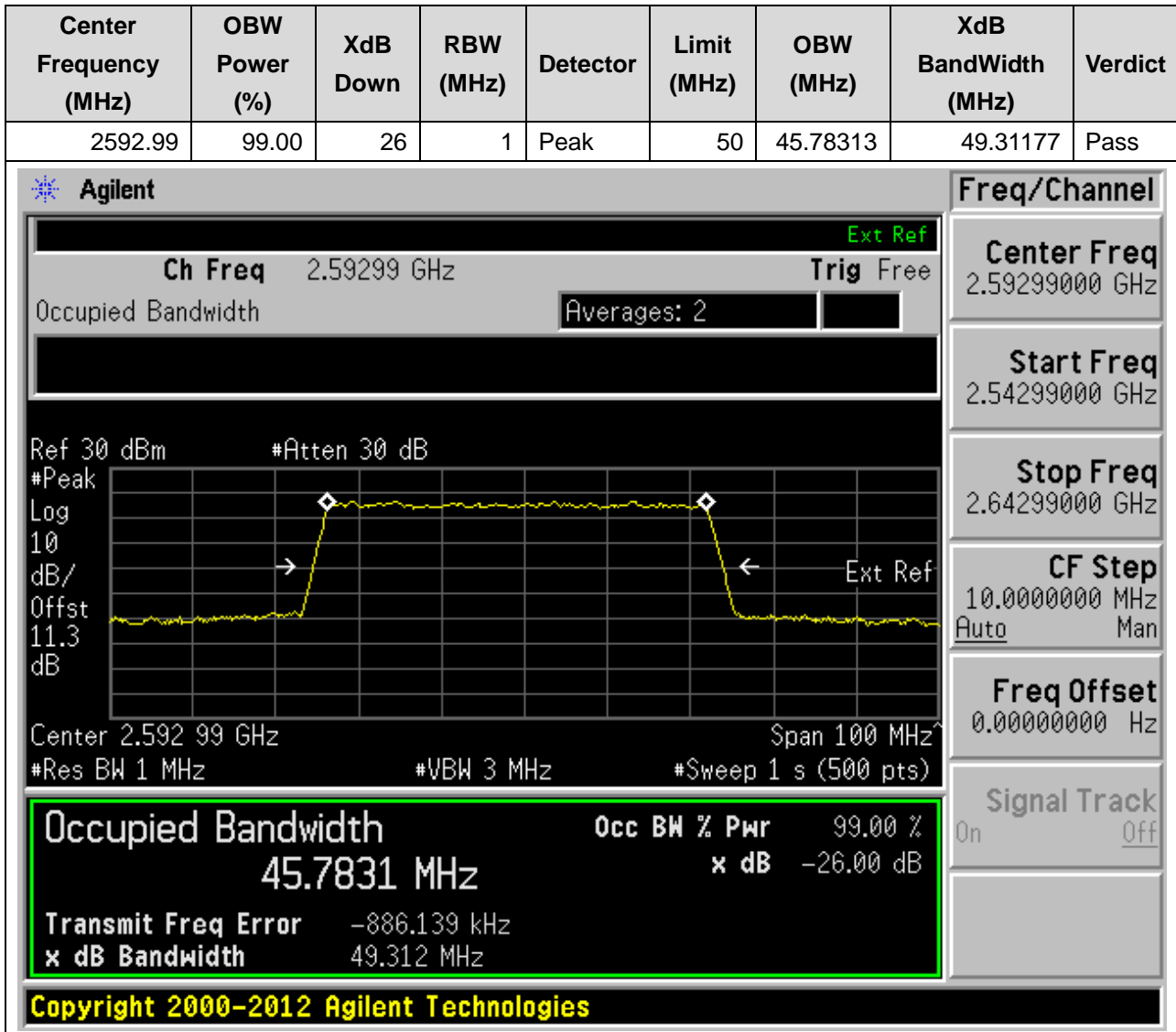
26. NR_n41_SCS30_50M_L_Outer Full(QPSK)

26.7. NR Occupied Bandwidth(NTNV)



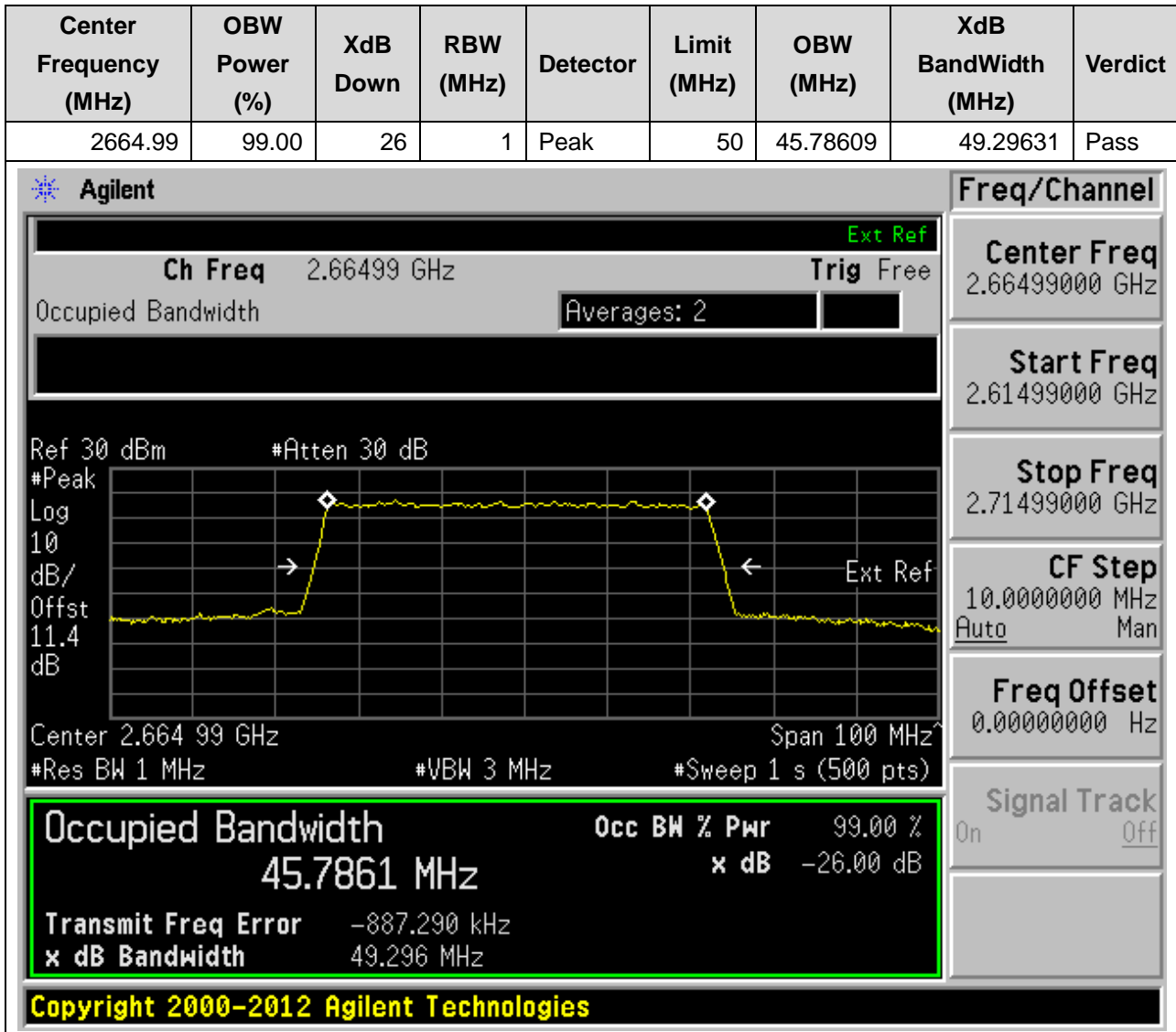
26. NR_n41_SCS30_50M_M_Outer Full(QPSK)

26.8. NR Occupied Bandwidth(NTNV)



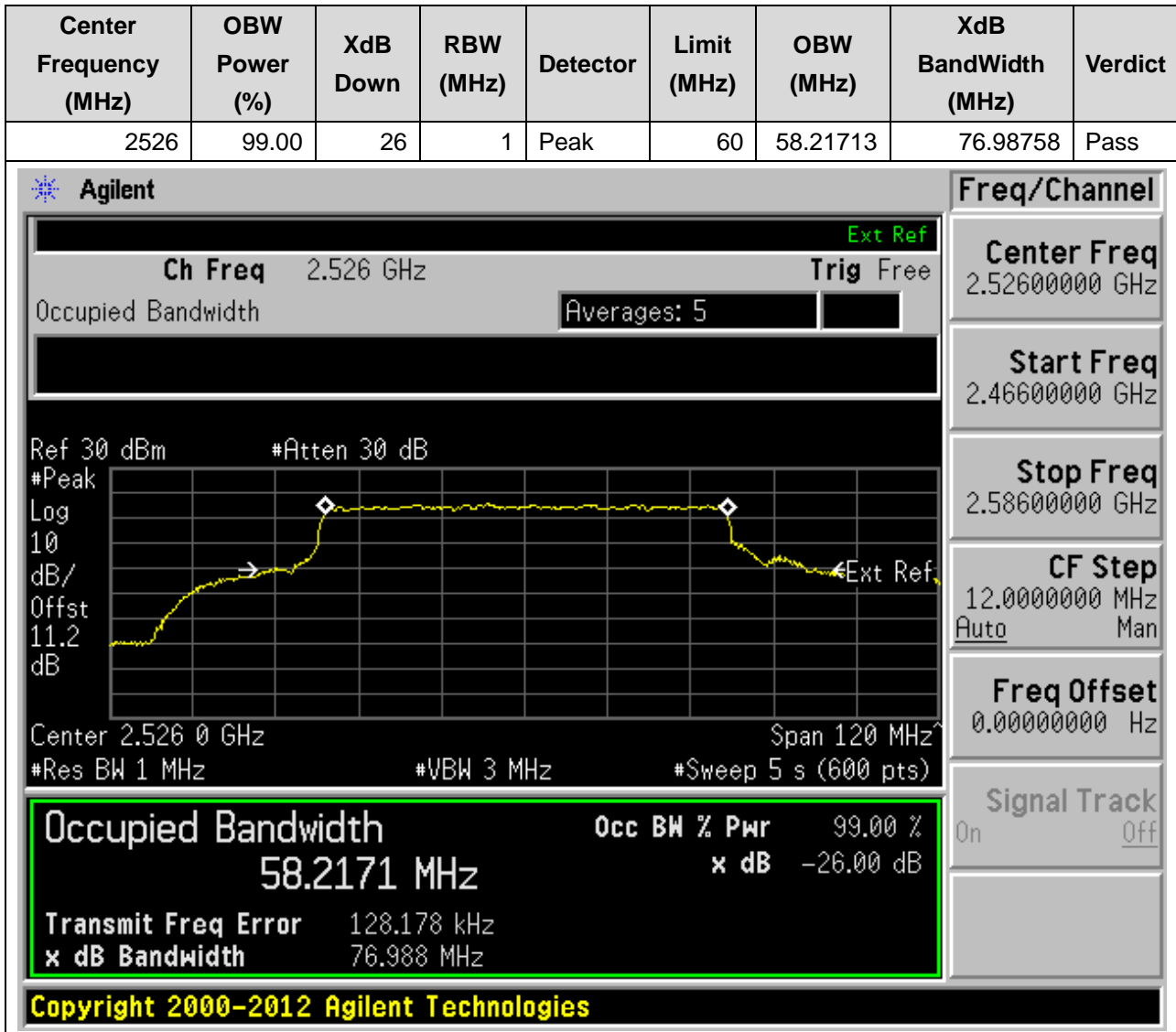
26. NR_n41_SCS30_50M_H_Outer Full(QPSK)

26.9. NR Occupied Bandwidth(NTNV)



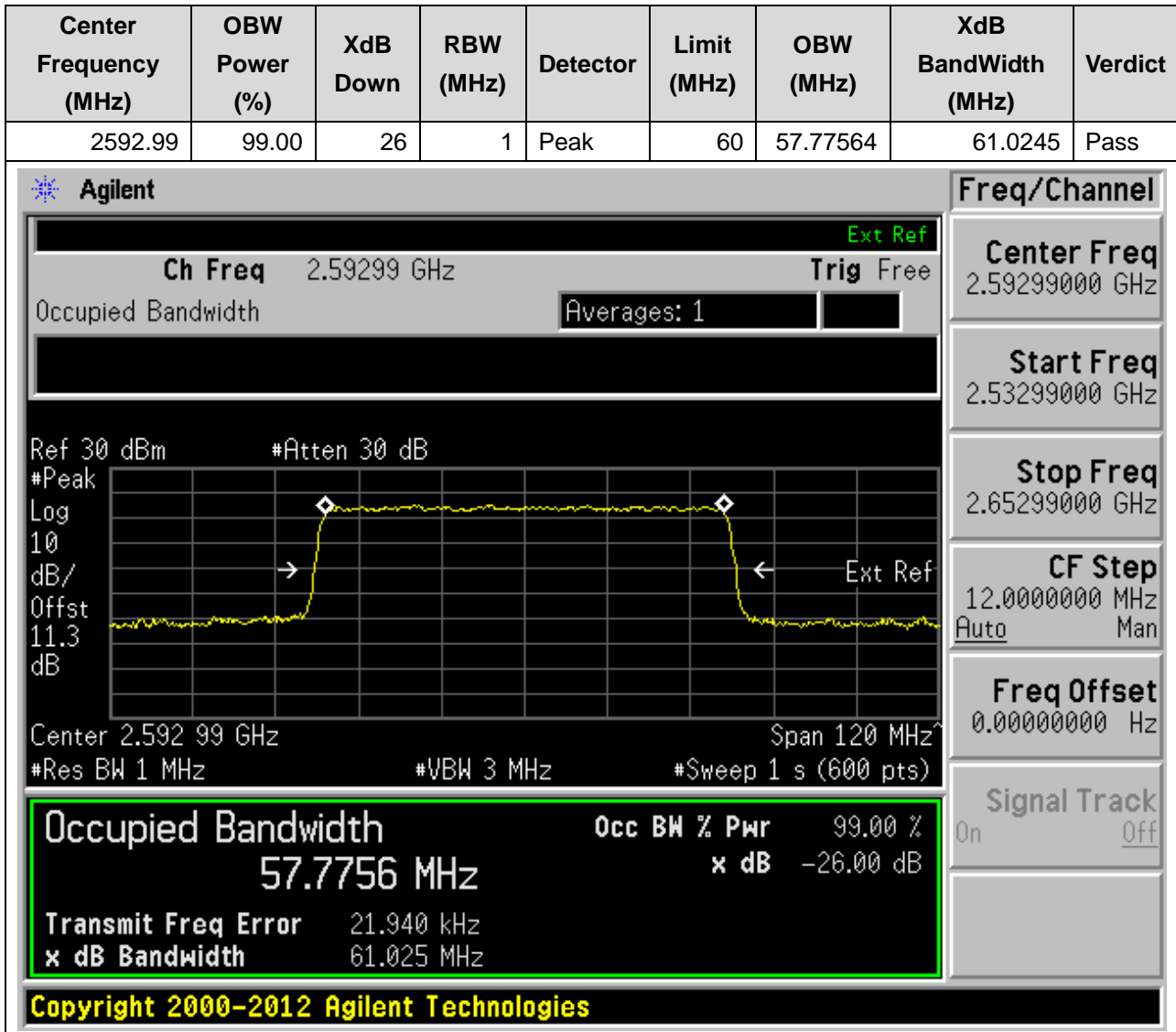
26. NR_n41_SCS30_60M_L_Outer Full(QPSK)

26.10. NR Occupied Bandwidth(NTNV)



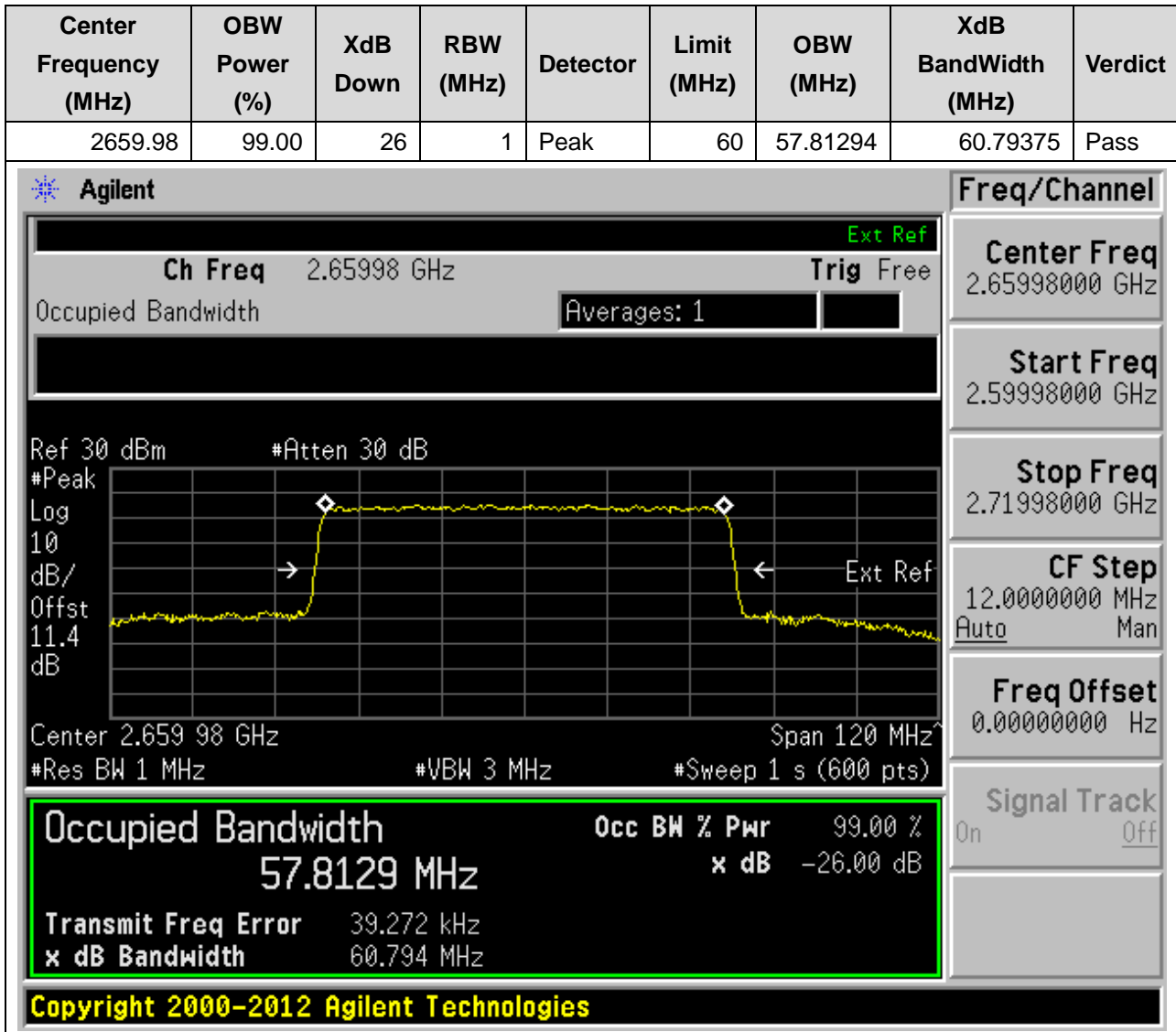
26. NR_n41_SCS30_60M_M_Outer Full(QPSK)

26.11. NR Occupied Bandwidth(NTNV)



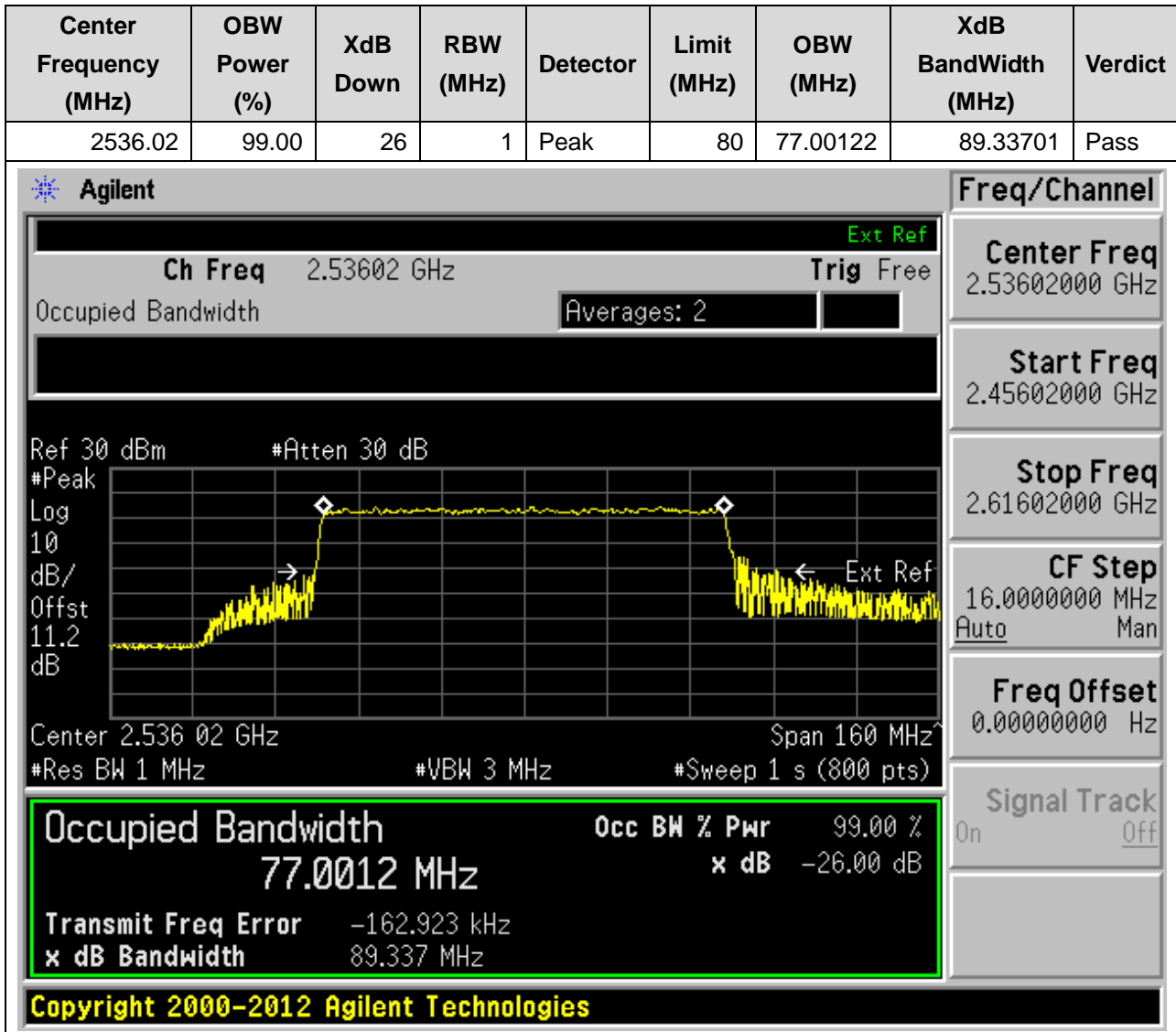
26. NR_n41_SCS30_60M_H_Outer Full(QPSK)

26.12. NR Occupied Bandwidth(NTNV)



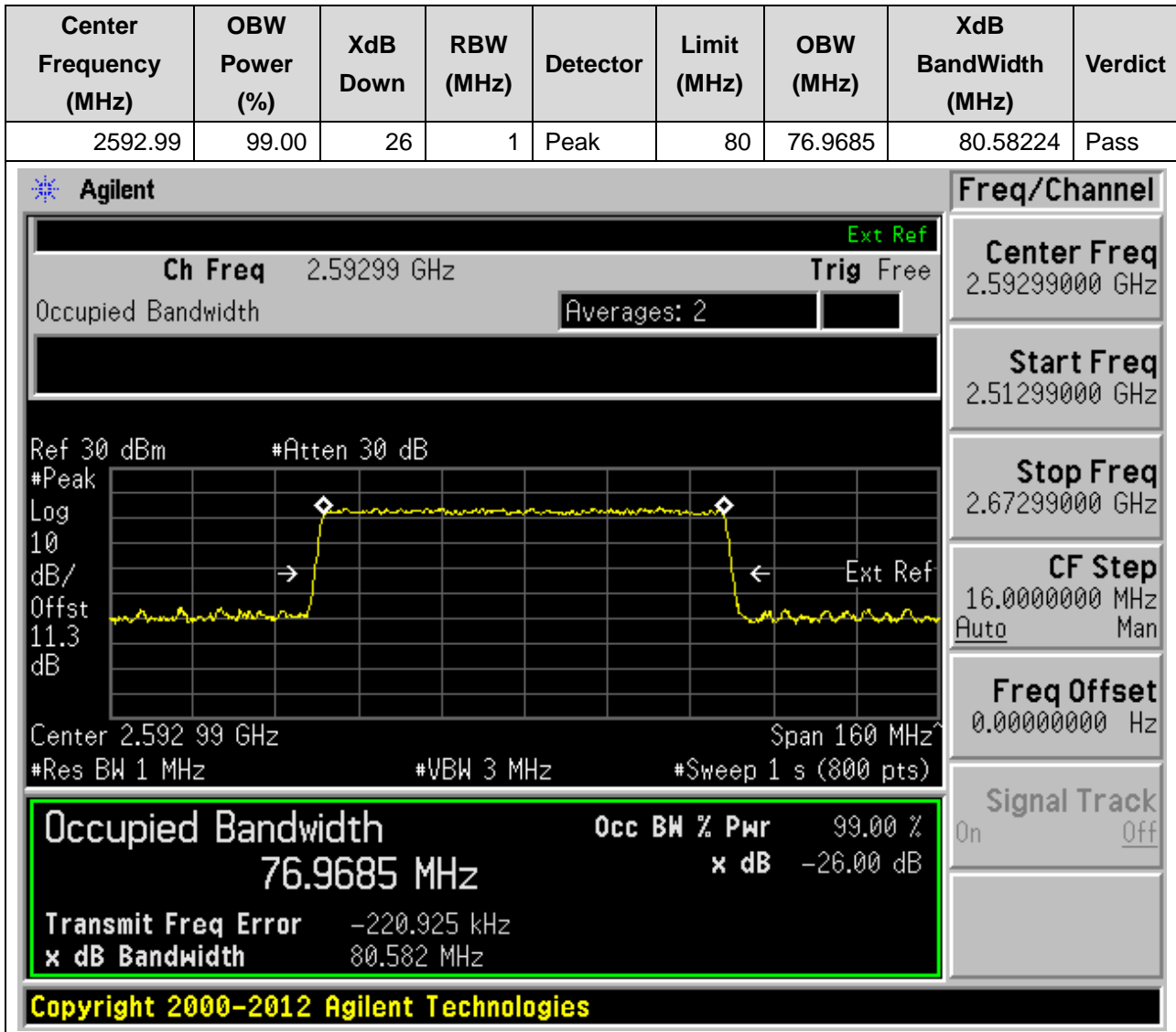
26. NR_n41_SCS30_80M_L_Outer Full(QPSK)

26.13. NR Occupied Bandwidth(NTNV)



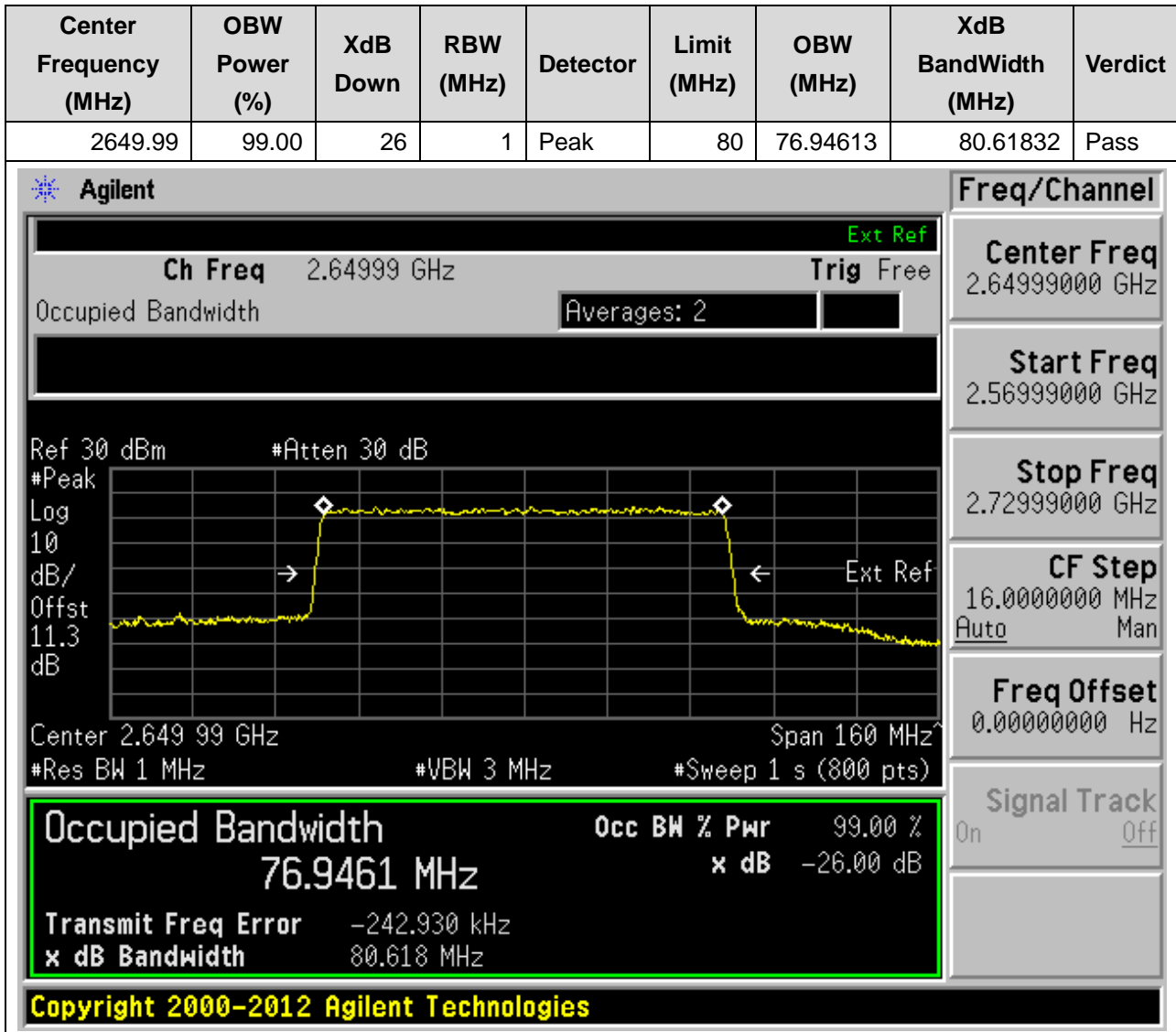
26. NR_n41_SCS30_80M_M_Outer Full(QPSK)

26.14. NR Occupied Bandwidth(NTNV)



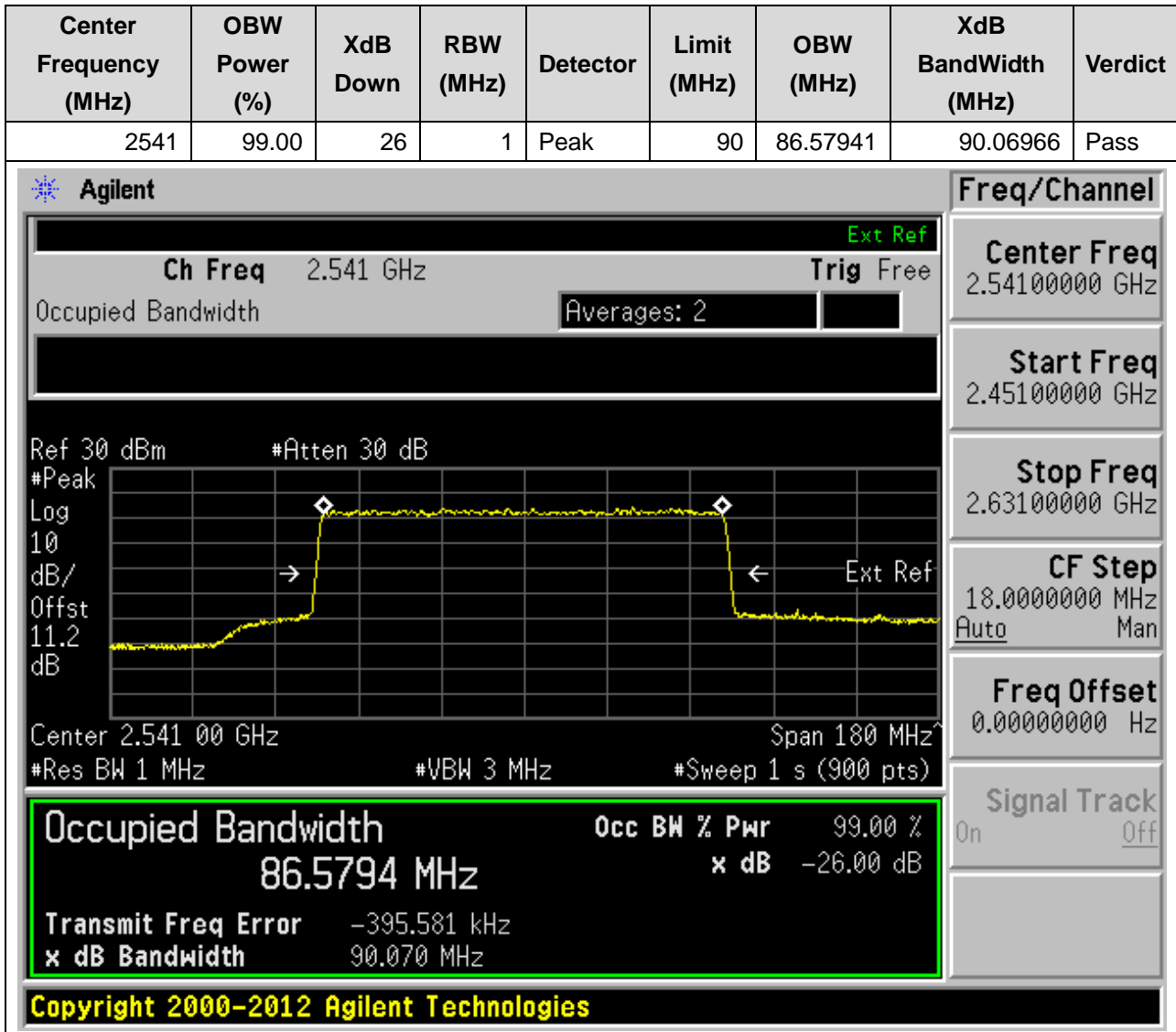
26. NR_n41_SCS30_80M_H_Outer Full(QPSK)

26.15. NR Occupied Bandwidth(NTNV)



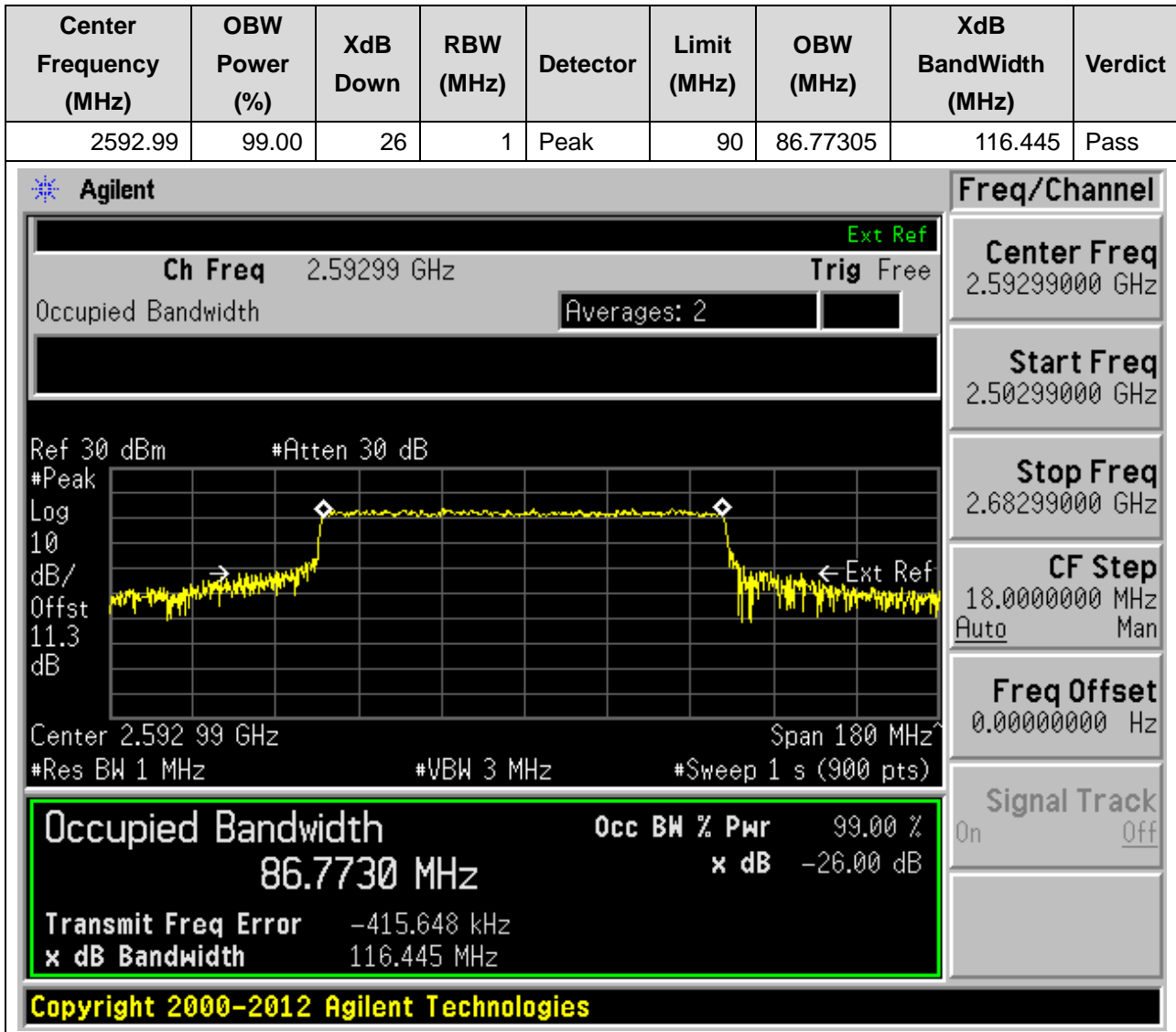
26. NR_n41_SCS30_90M_L_Outer Full(QPSK)

26.16. NR Occupied Bandwidth(NTNV)



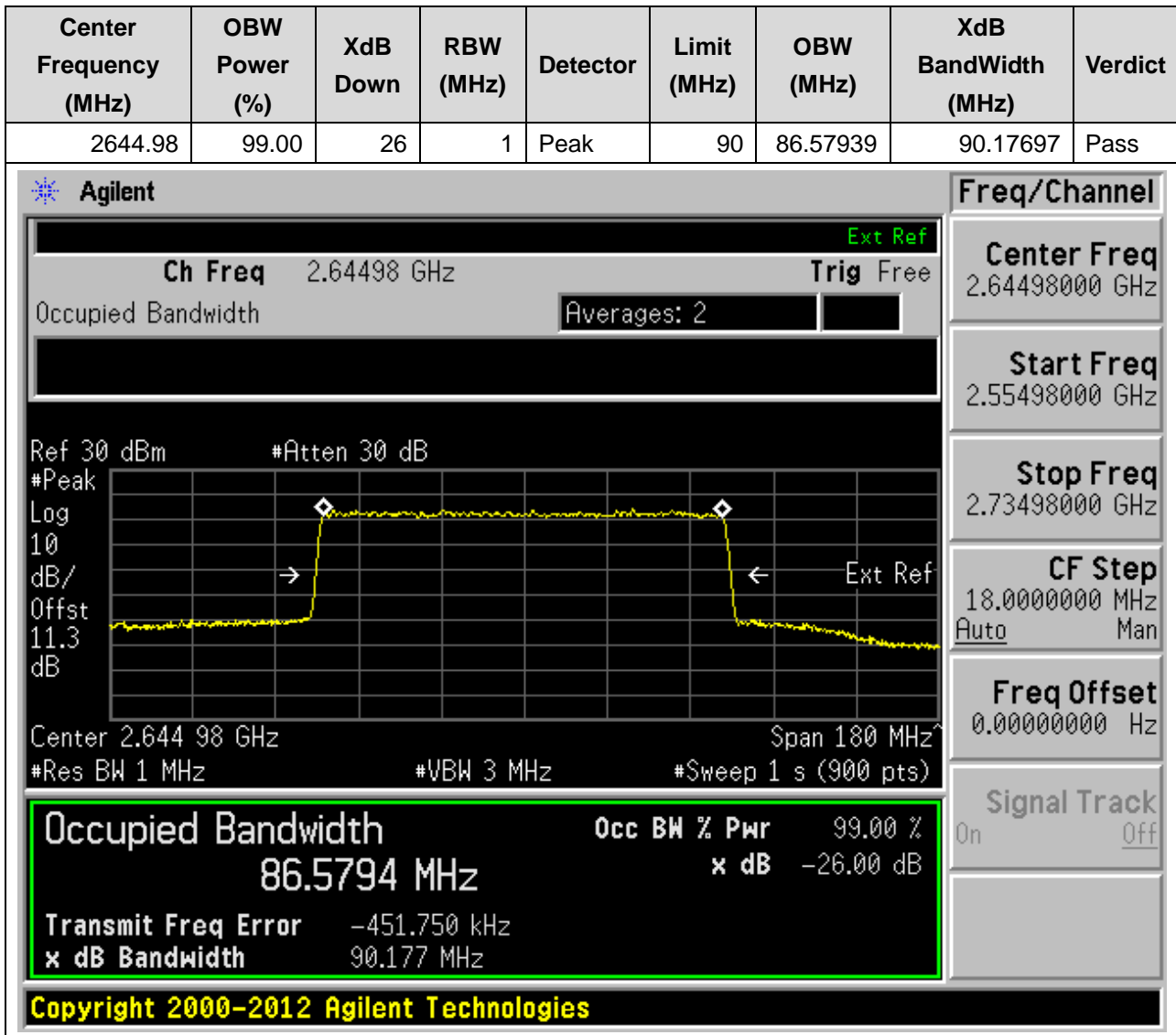
26. NR_n41_SCS30_90M_M_Outer Full(QPSK)

26.17. NR Occupied Bandwidth(NTNV)



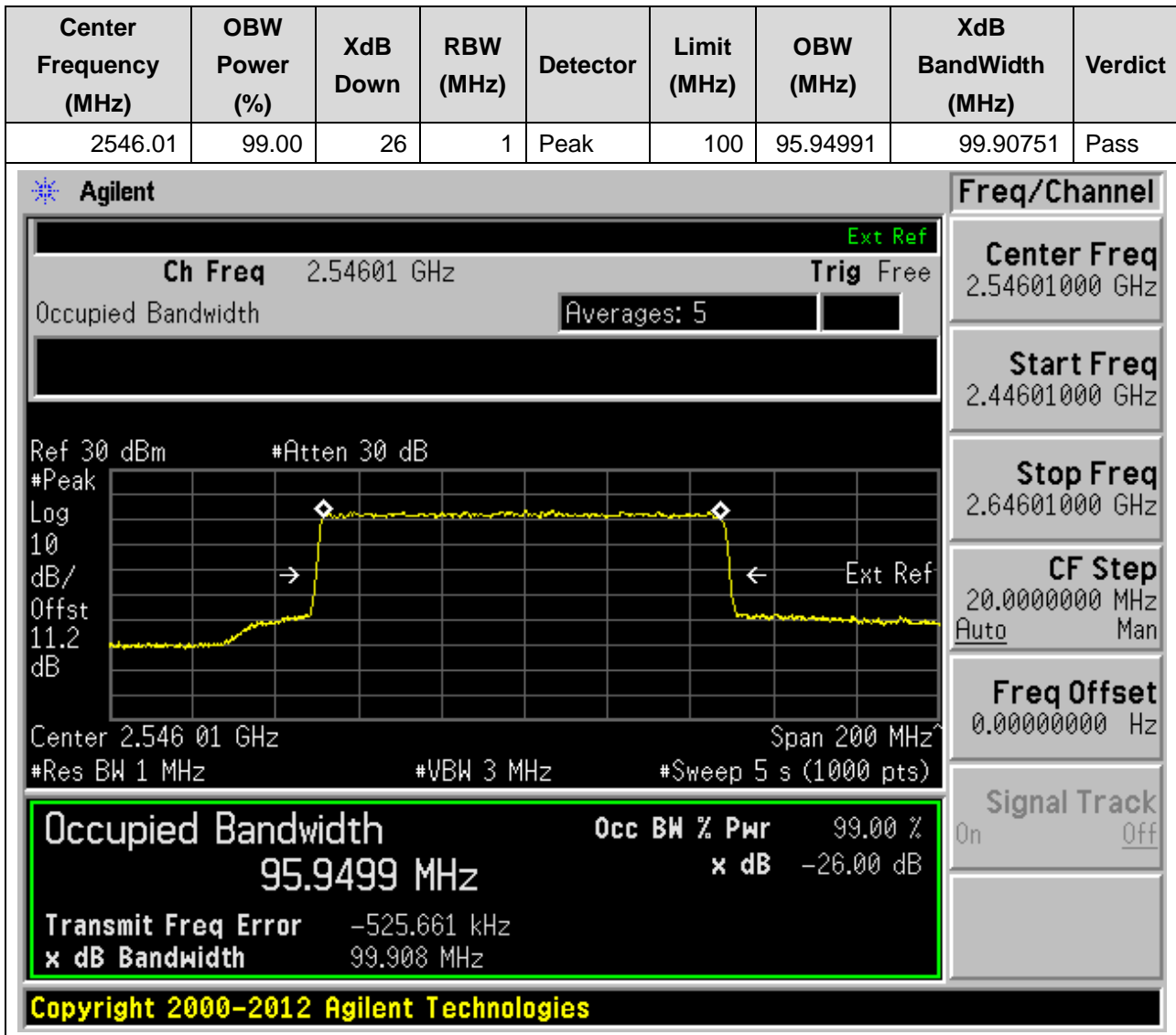
26. NR_n41_SCS30_90M_H_Outer Full(QPSK)

26.18. NR Occupied Bandwidth(NTNV)



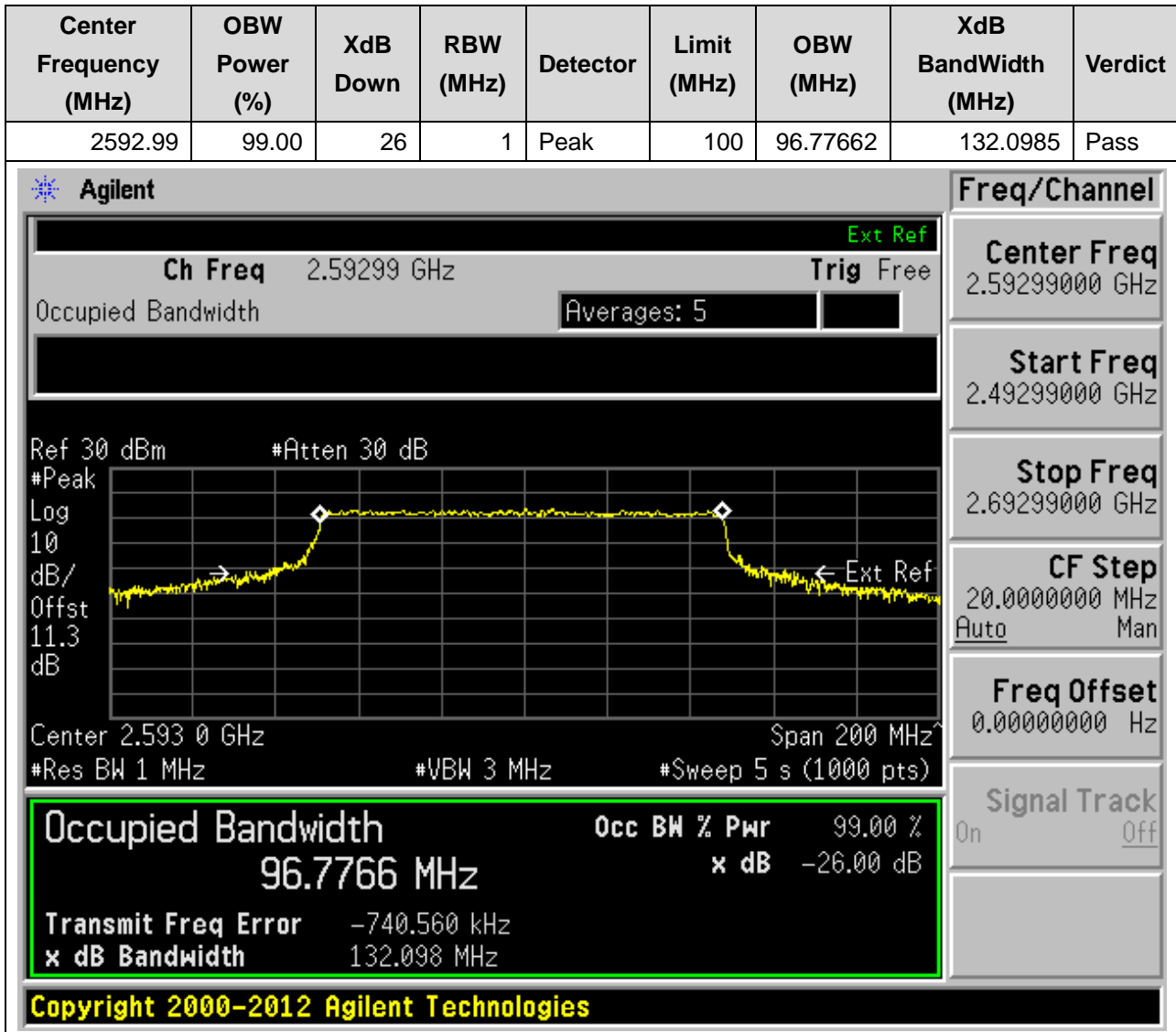
26. NR_n41_SCS30_100M_L_Outer Full(QPSK)

26.19. NR Occupied Bandwidth(NTNV)



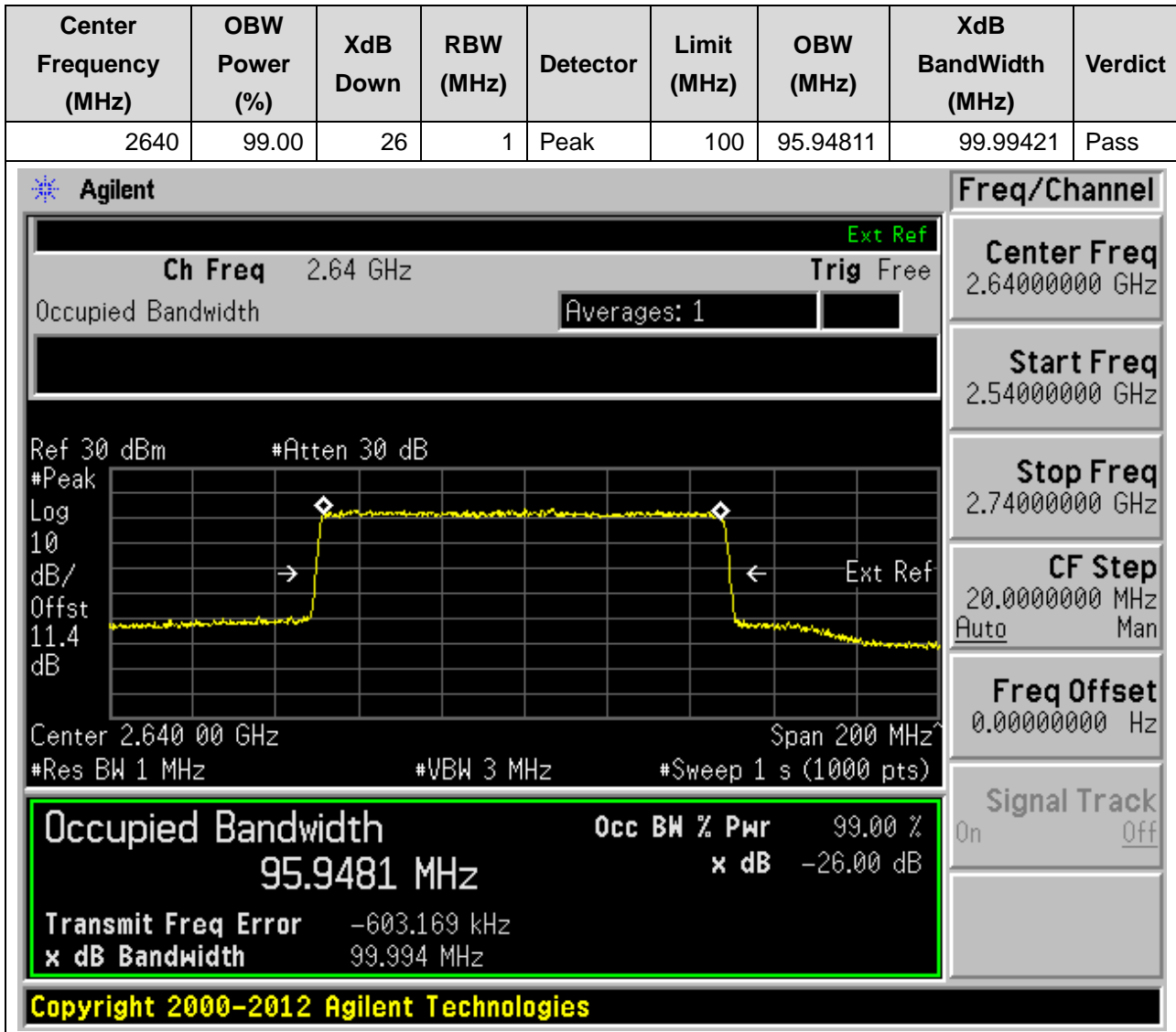
26. NR_n41_SCS30_100M_M_Outer Full(QPSK)

26.20. NR Occupied Bandwidth(NTNV)



26. NR_n41_SCS30_100M_H_Outer Full(QPSK)

26.21. NR Occupied Bandwidth(NTNV)



27. NR_n66_SCS15_5M_L_Outer Full(QPSK)

27.1. NR Occupied Bandwidth(NTNV)



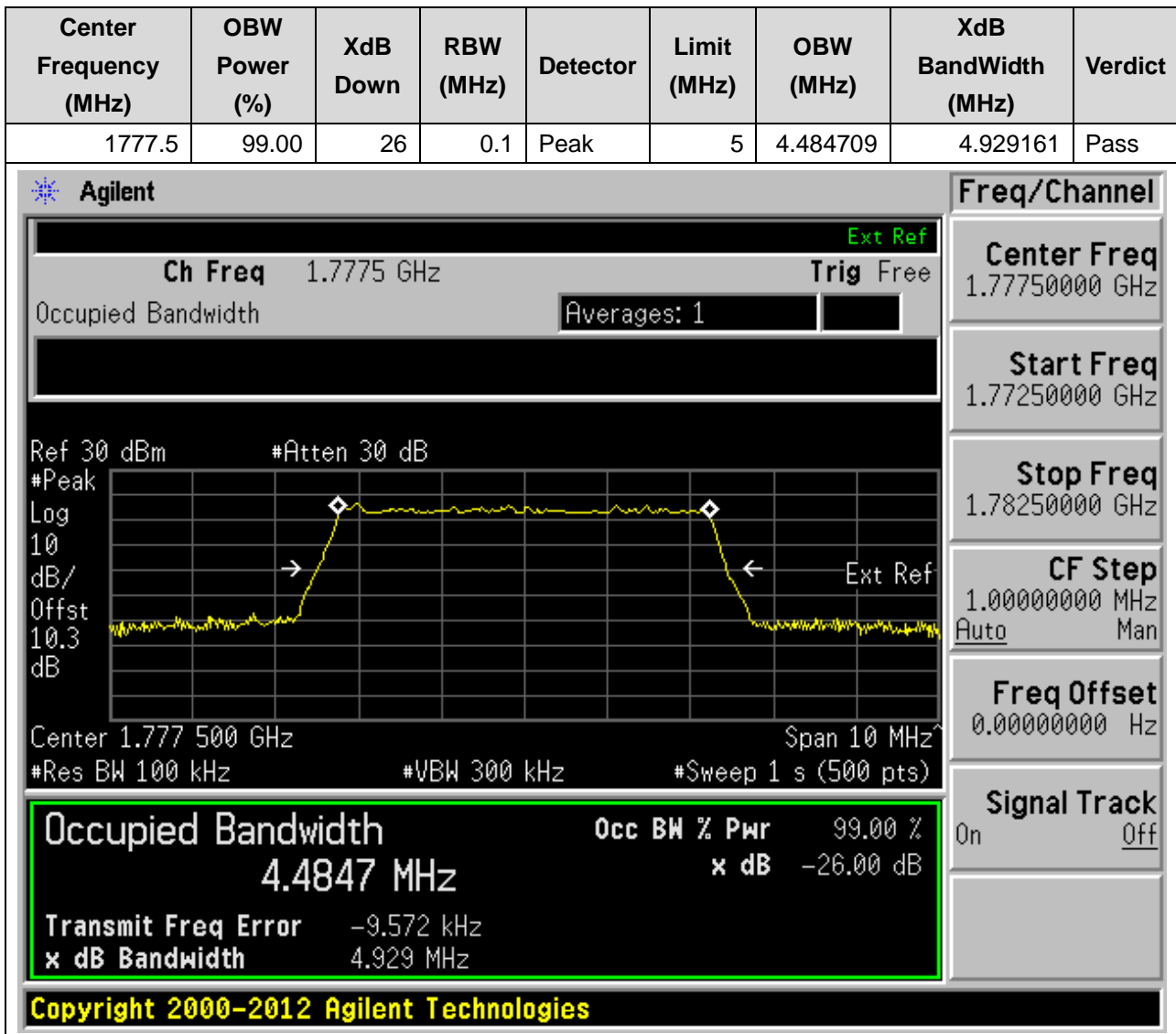
27. NR_n66_SCS15_5M_M_Outer Full(QPSK)

27.2. NR Occupied Bandwidth(NTNV)



27. NR_n66_SCS15_5M_H_Outer Full(QPSK)

27.3. NR Occupied Bandwidth(NTNV)



27. NR_n66_SCS15_10M_L_Outer Full(QPSK)

27.4. NR Occupied Bandwidth(NTNV)



27. NR_n66_SCS15_10M_M_Outer Full(QPSK)

27.5. NR Occupied Bandwidth(NTNV)



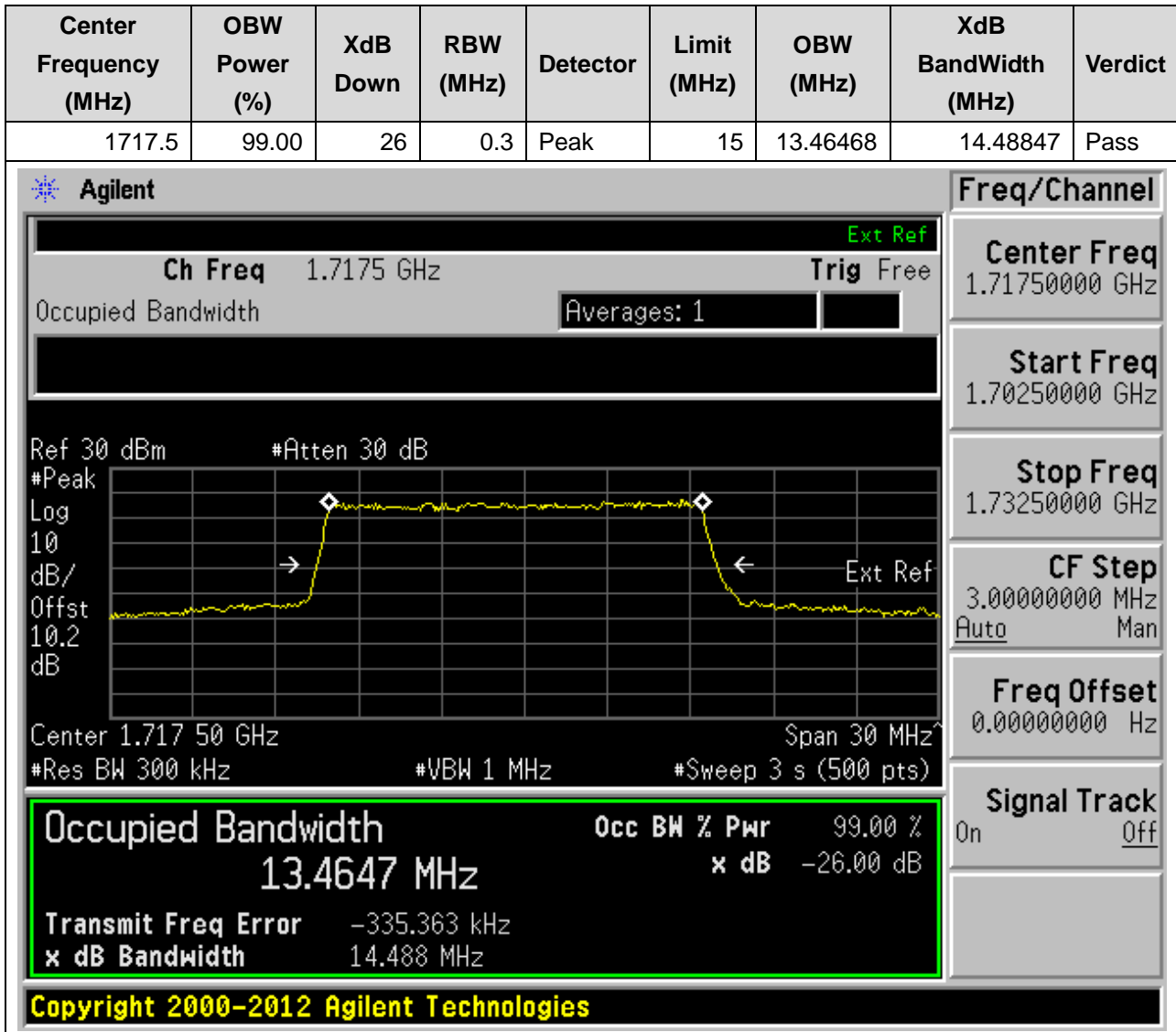
27. NR_n66_SCS15_10M_H_Outer Full(QPSK)

27.6. NR Occupied Bandwidth(NTNV)



27. NR_n66_SCS15_15M_L_Outer Full(QPSK)

27.7. NR Occupied Bandwidth(NTNV)



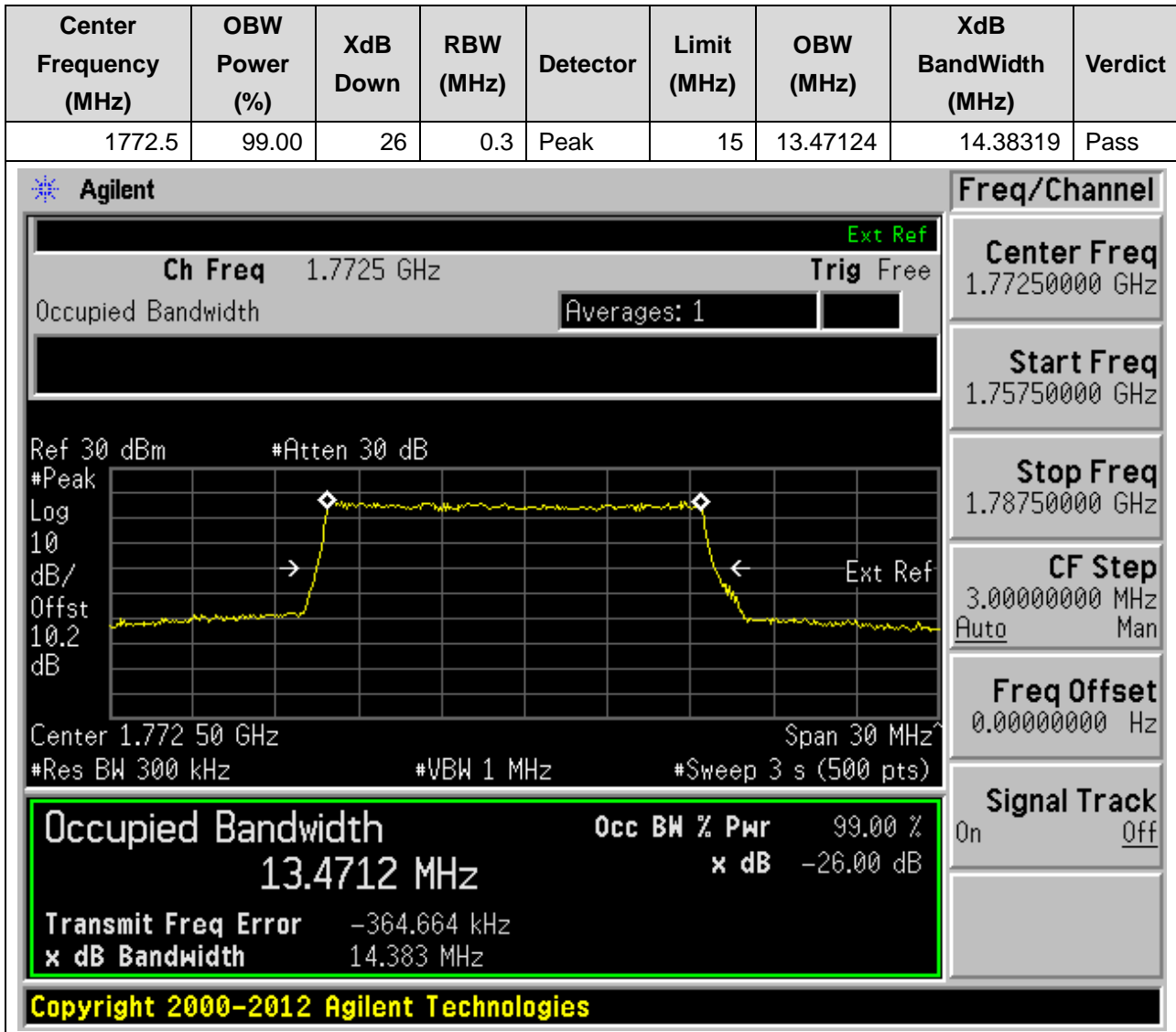
27. NR_n66_SCS15_15M_M_Outer Full(QPSK)

27.8. NR Occupied Bandwidth(NTNV)



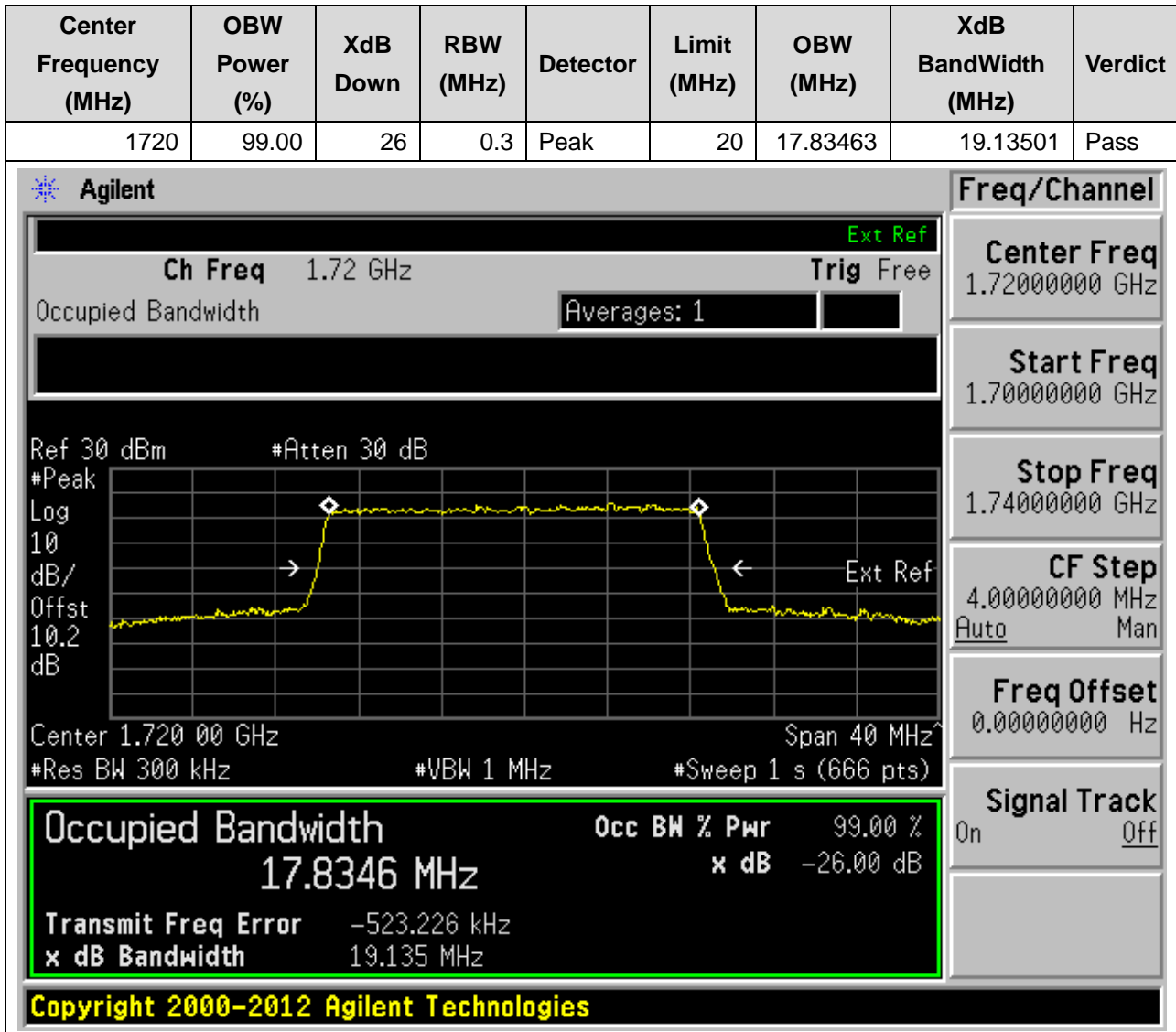
27. NR_n66_SCS15_15M_H_Outer Full(QPSK)

27.9. NR Occupied Bandwidth(NTNV)



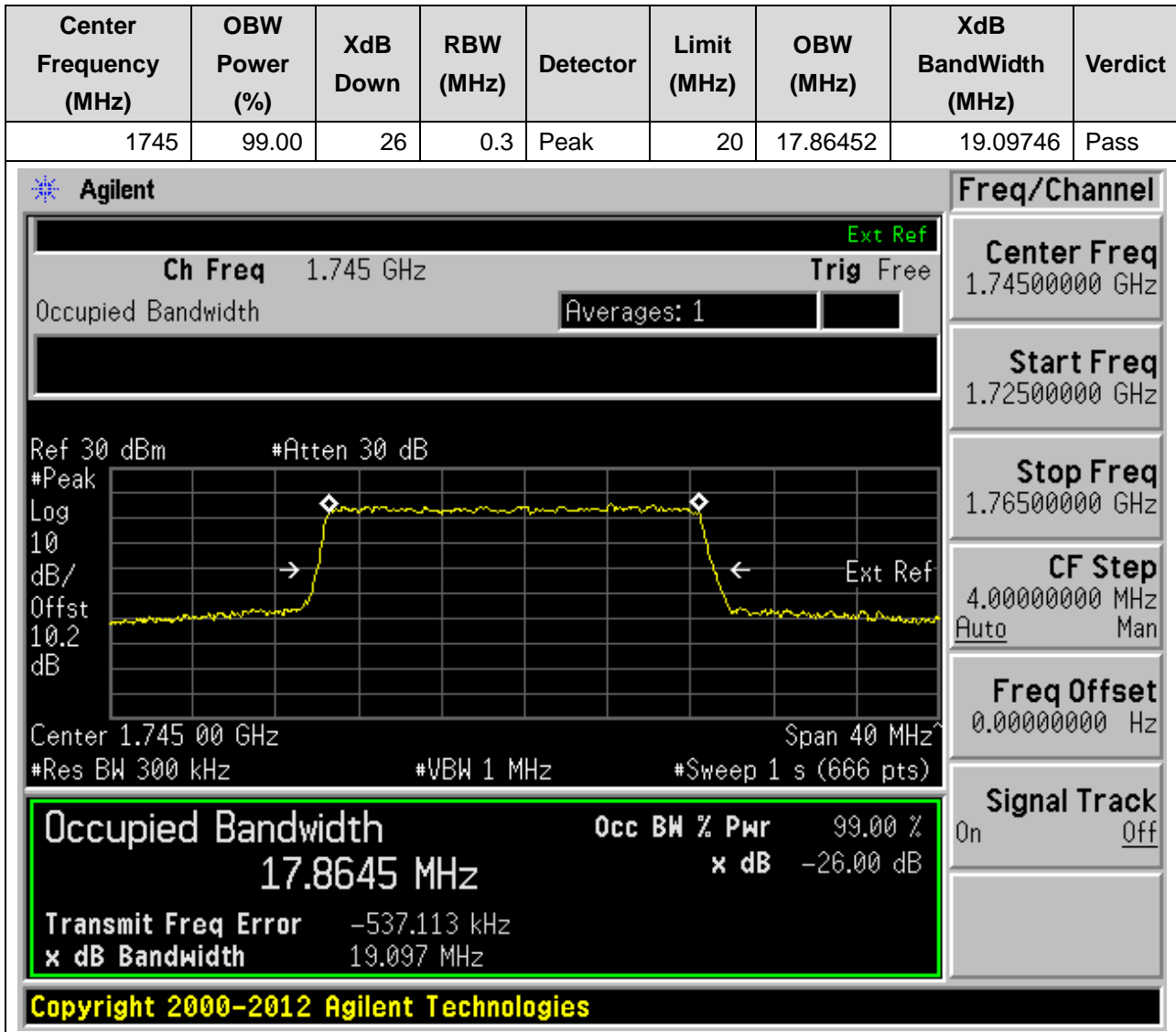
27. NR_n66_SCS15_20M_L_Outer Full(QPSK)

27.10. NR Occupied Bandwidth(NTNV)



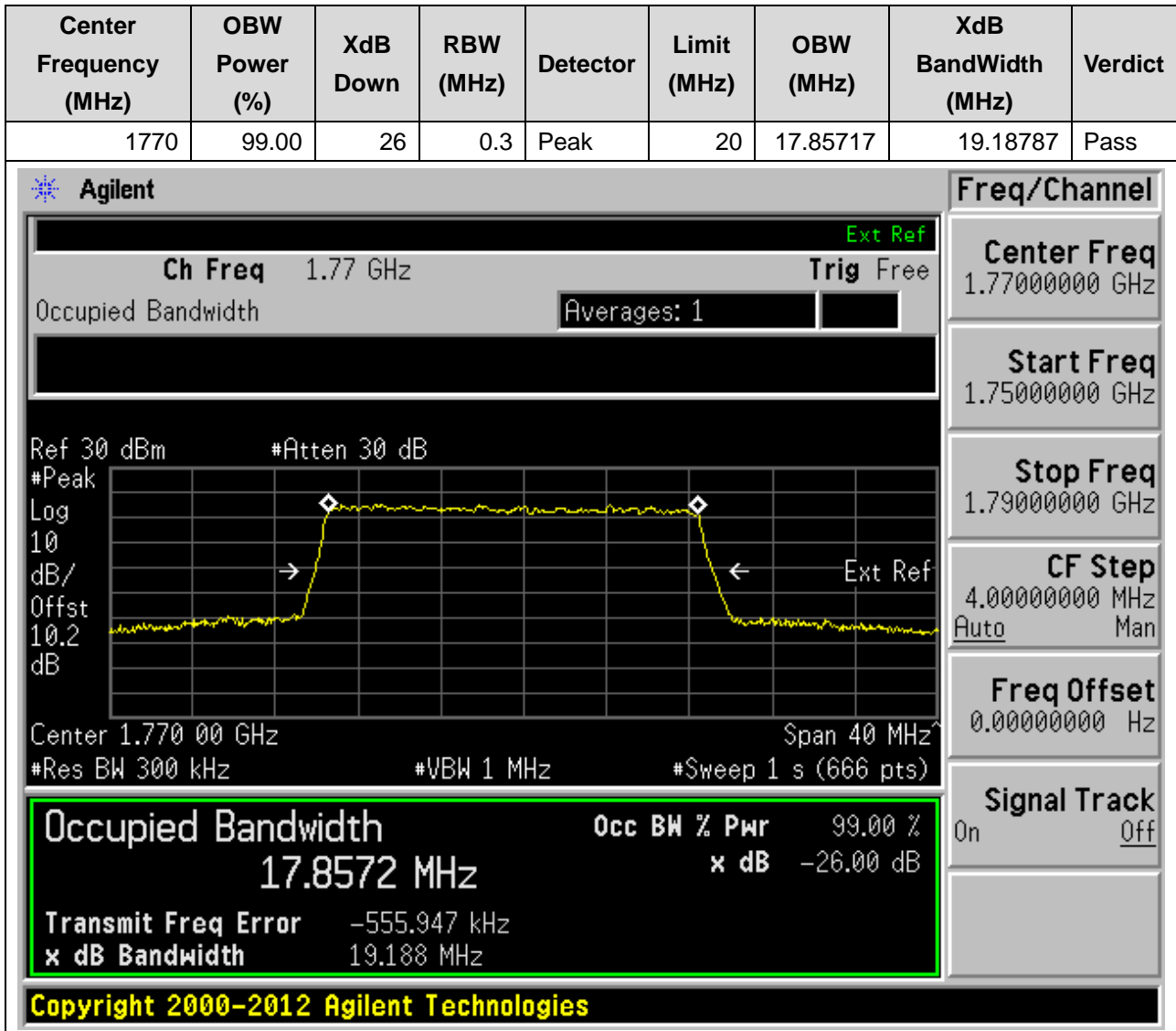
27. NR_n66_SCS15_20M_M_Outer Full(QPSK)

27.11. NR Occupied Bandwidth(NTNV)



27. NR_n66_SCS15_20M_H_Outer Full(QPSK)

27.12. NR Occupied Bandwidth(NTNV)



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