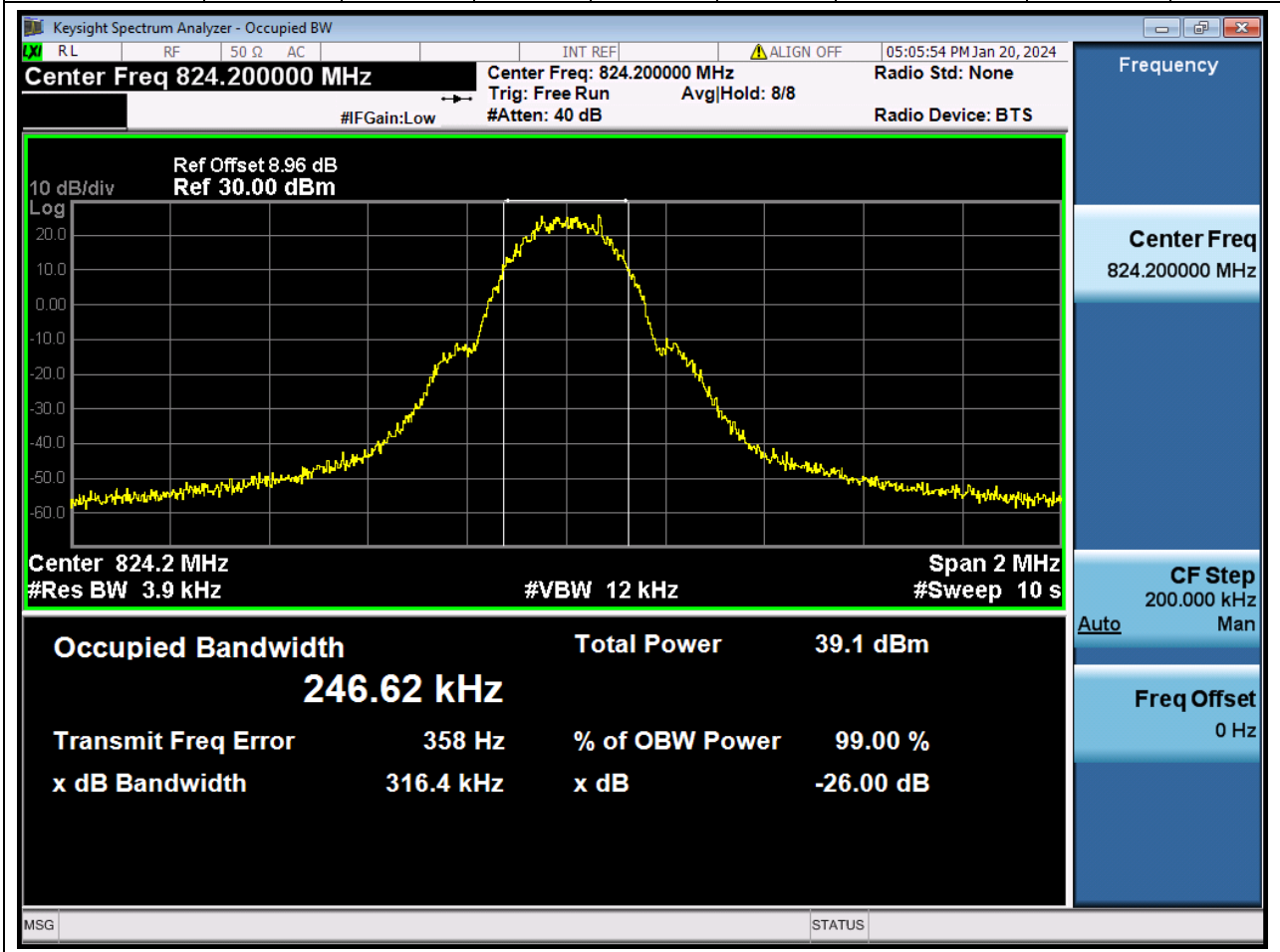


Annex A.3 Occupied Bandwidth

1. GSM_GSM850

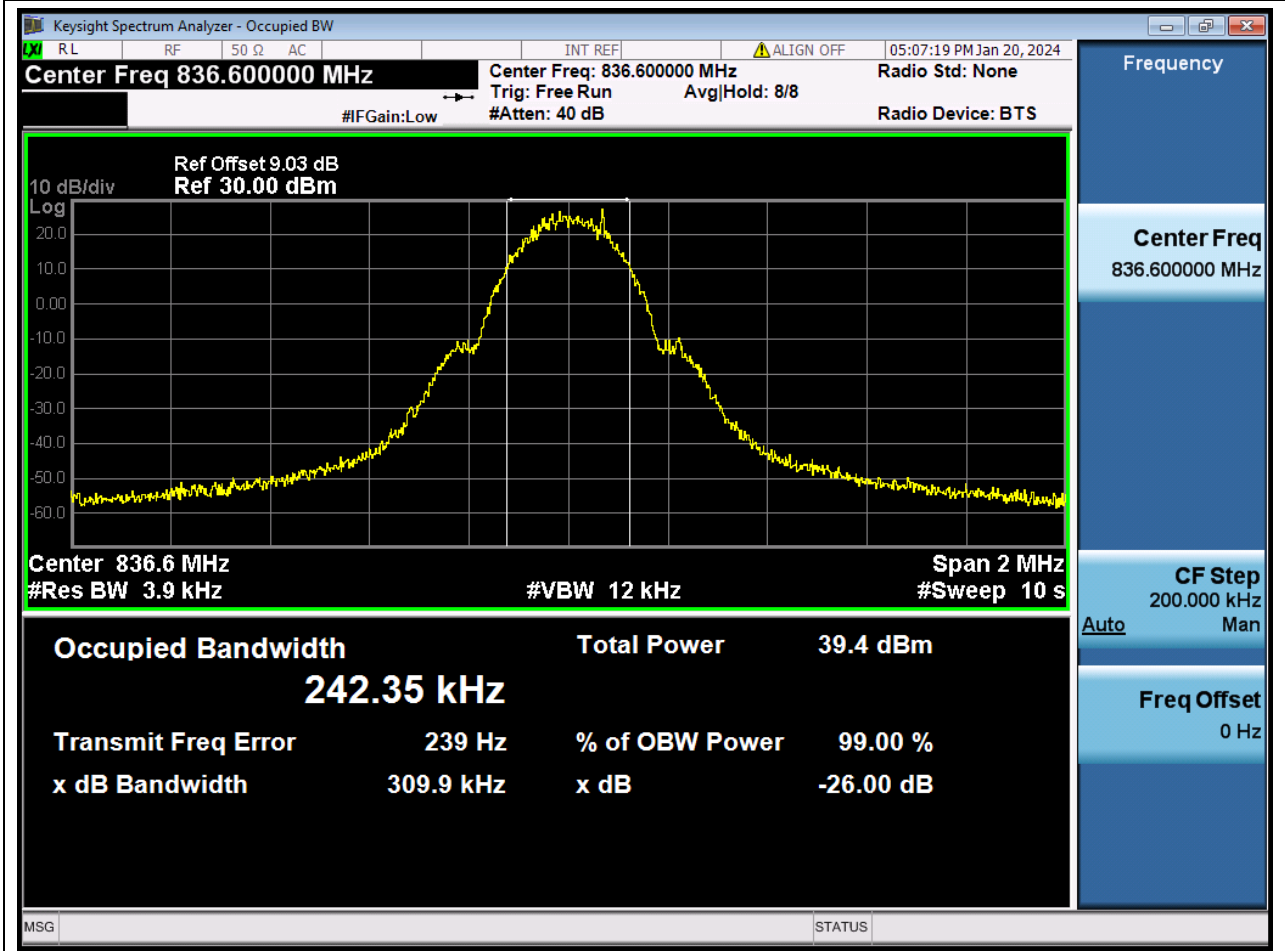
1.1. GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:128)

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	0.247	0.316	0.3	Pass



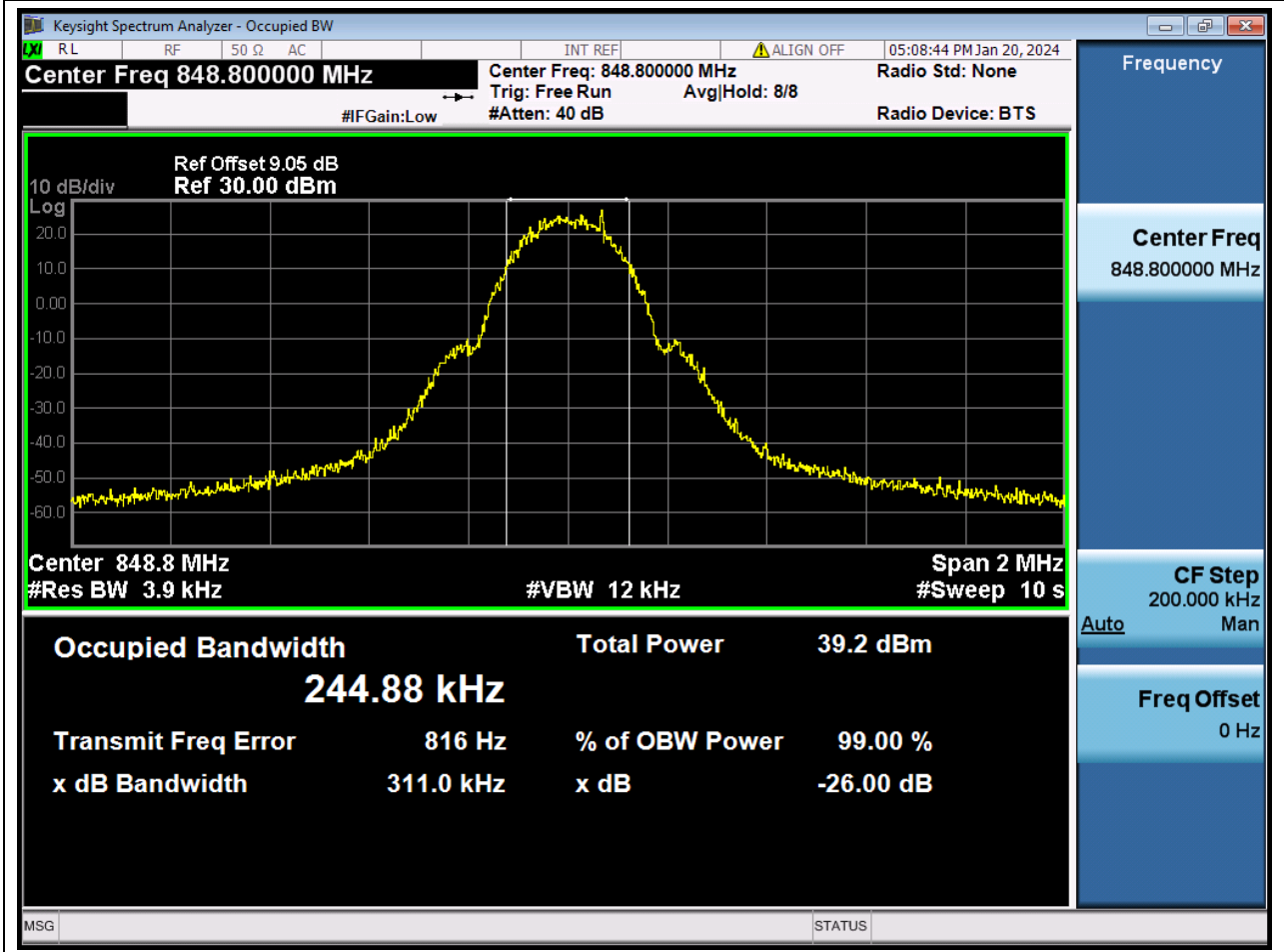
1.2. GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:190)

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	0.242	0.31	0.3	Pass



1.3. GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:251)

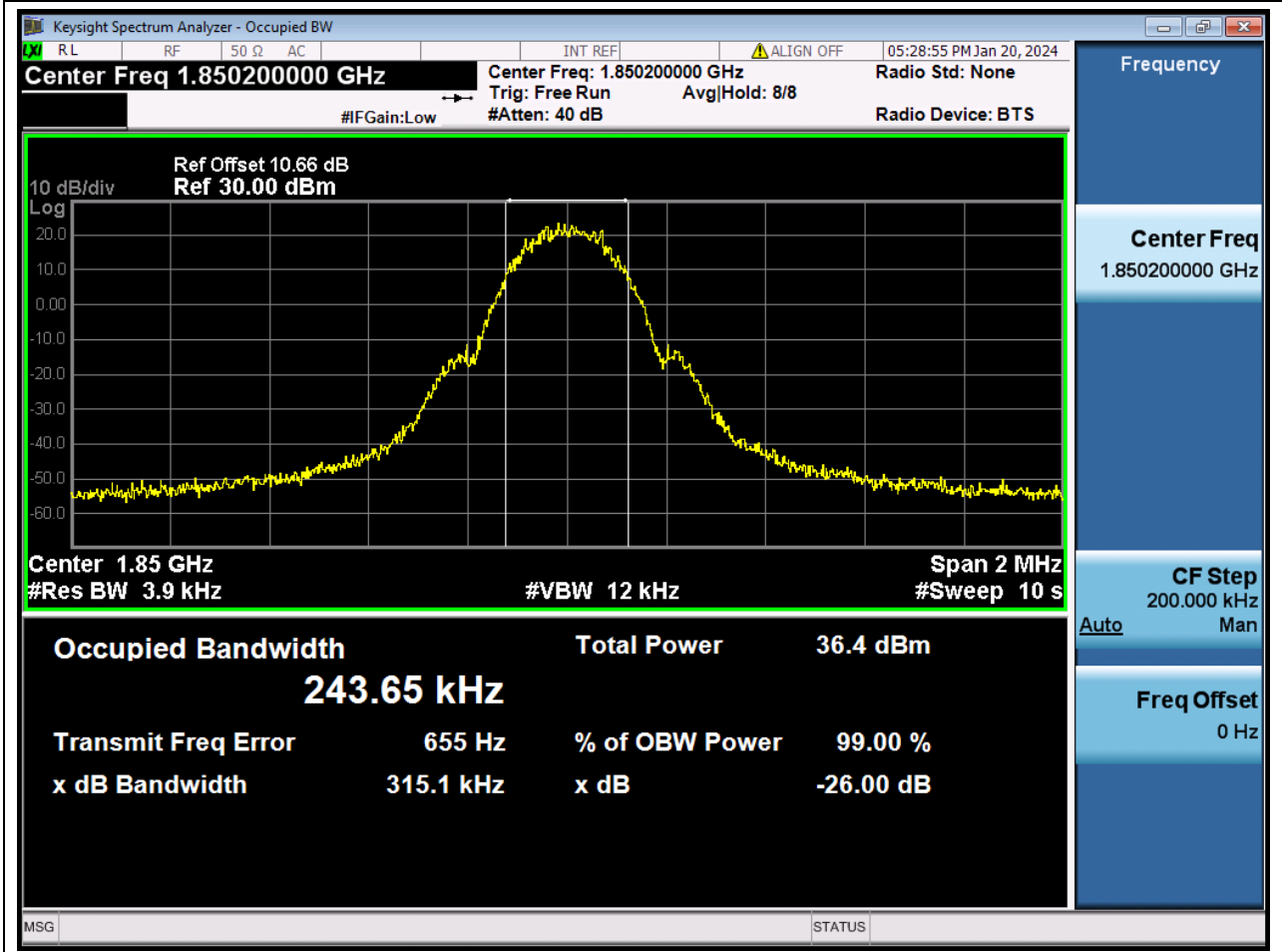
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.245	0.311	0.3	Pass



2. GSM_PCS

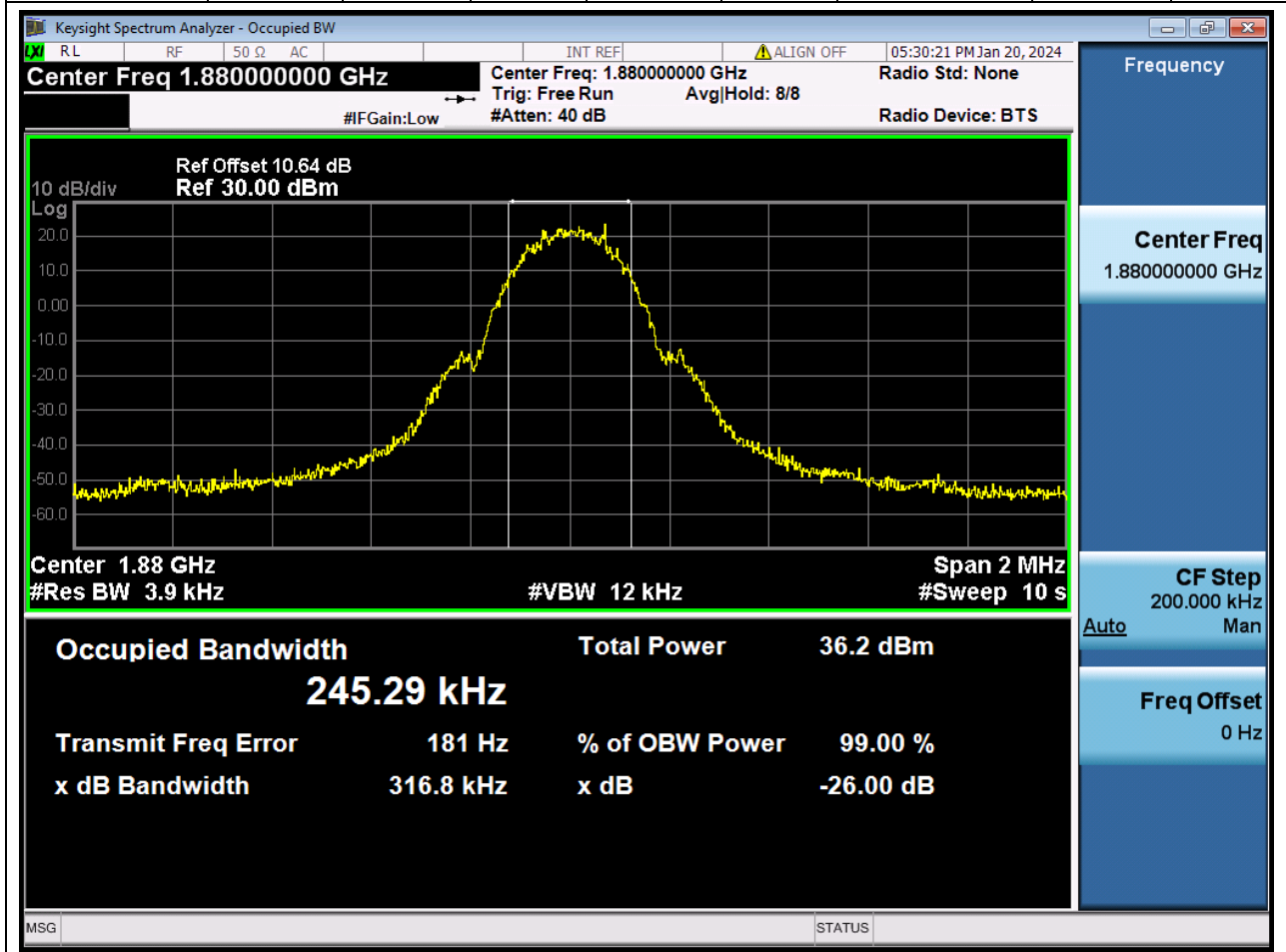
2.1. GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:512)

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	0.315	0.3	Pass



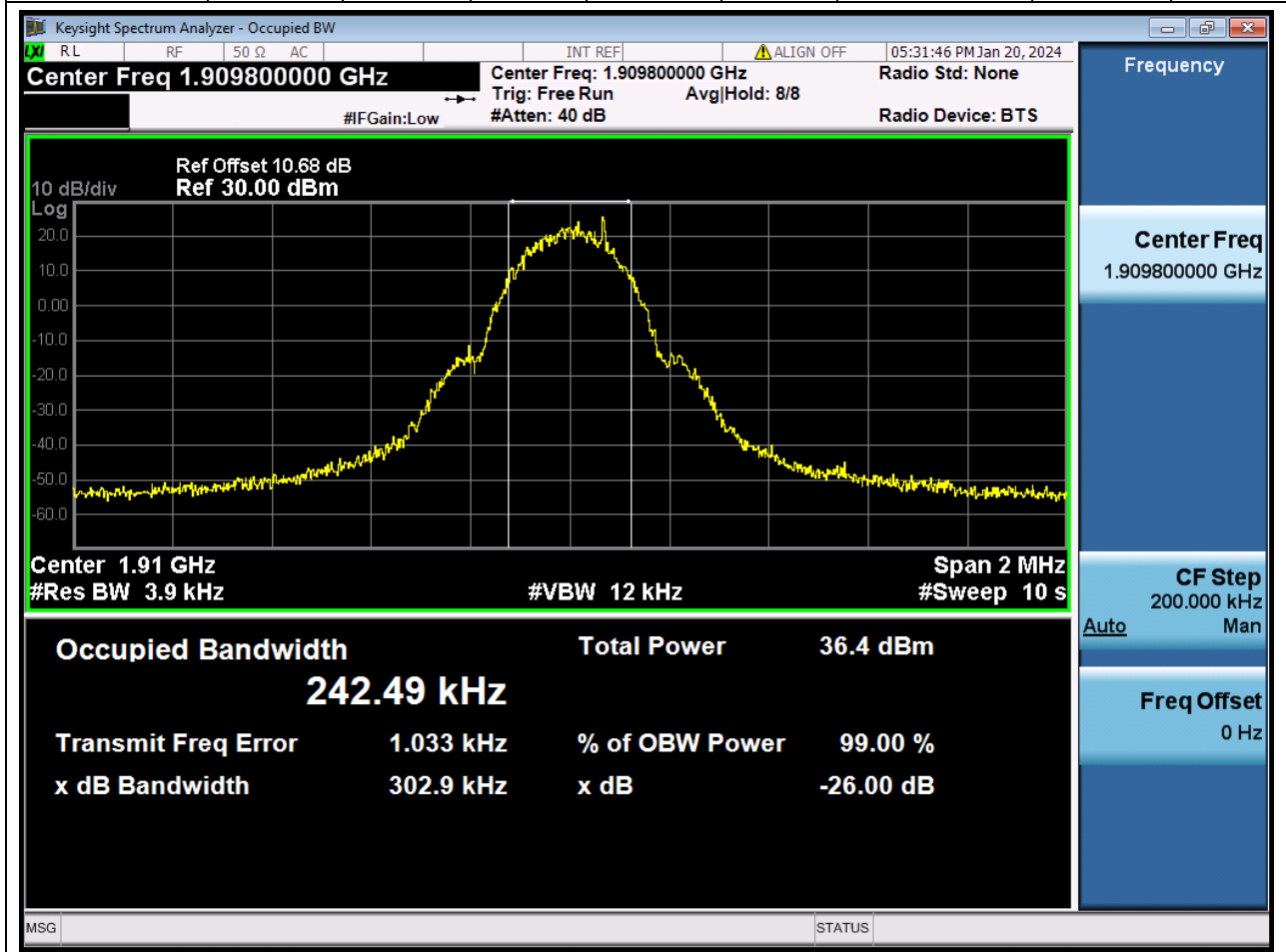
2.2. GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

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	0.245	0.317	0.3	Pass



2.3. GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:810)

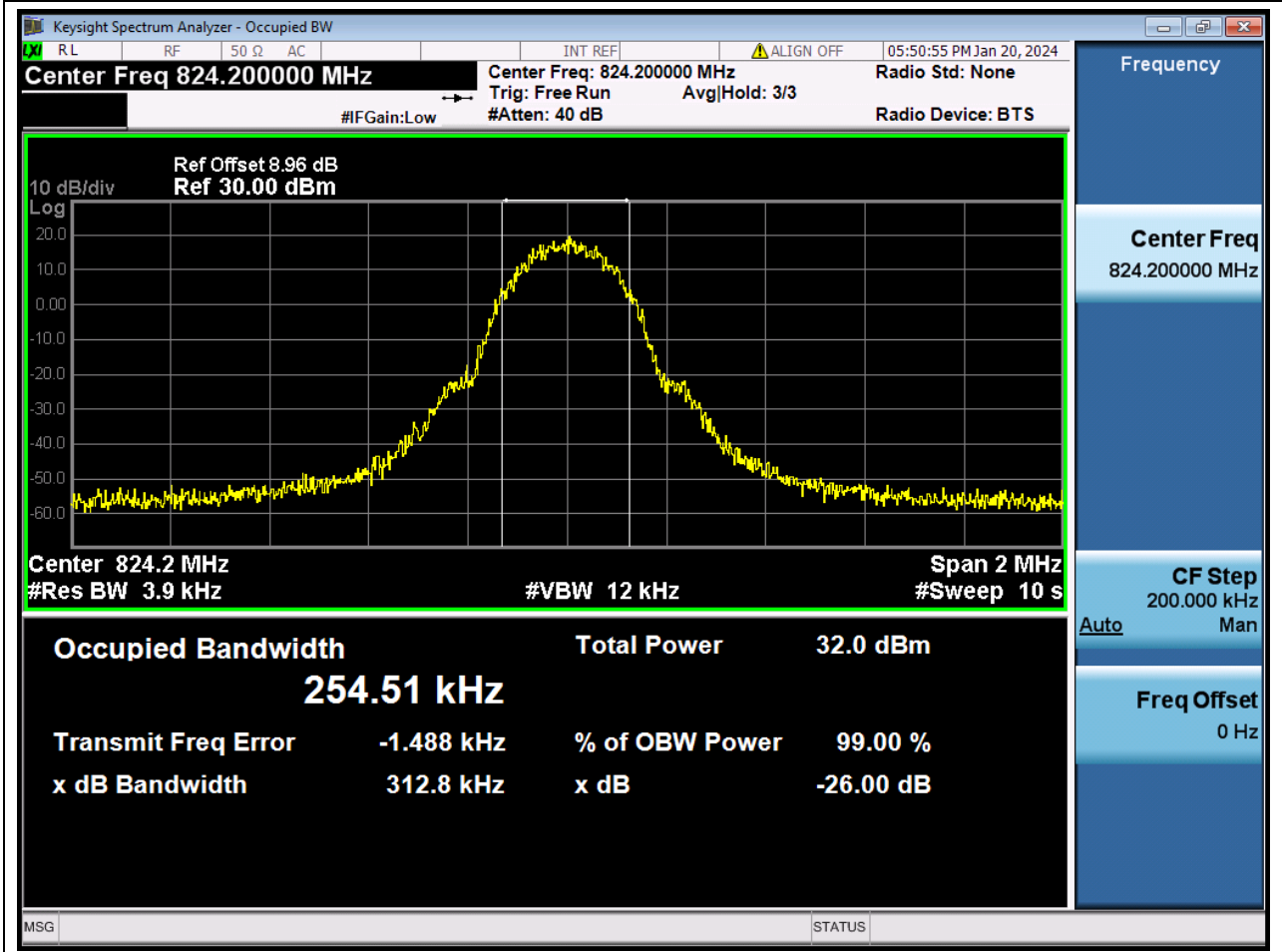
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.242	0.303	0.3	Pass



3. EGPRS_GSM850

3.1. EGPRS Occupied Bandwidth_Part22-24(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	0.255	0.313	0.3	Pass



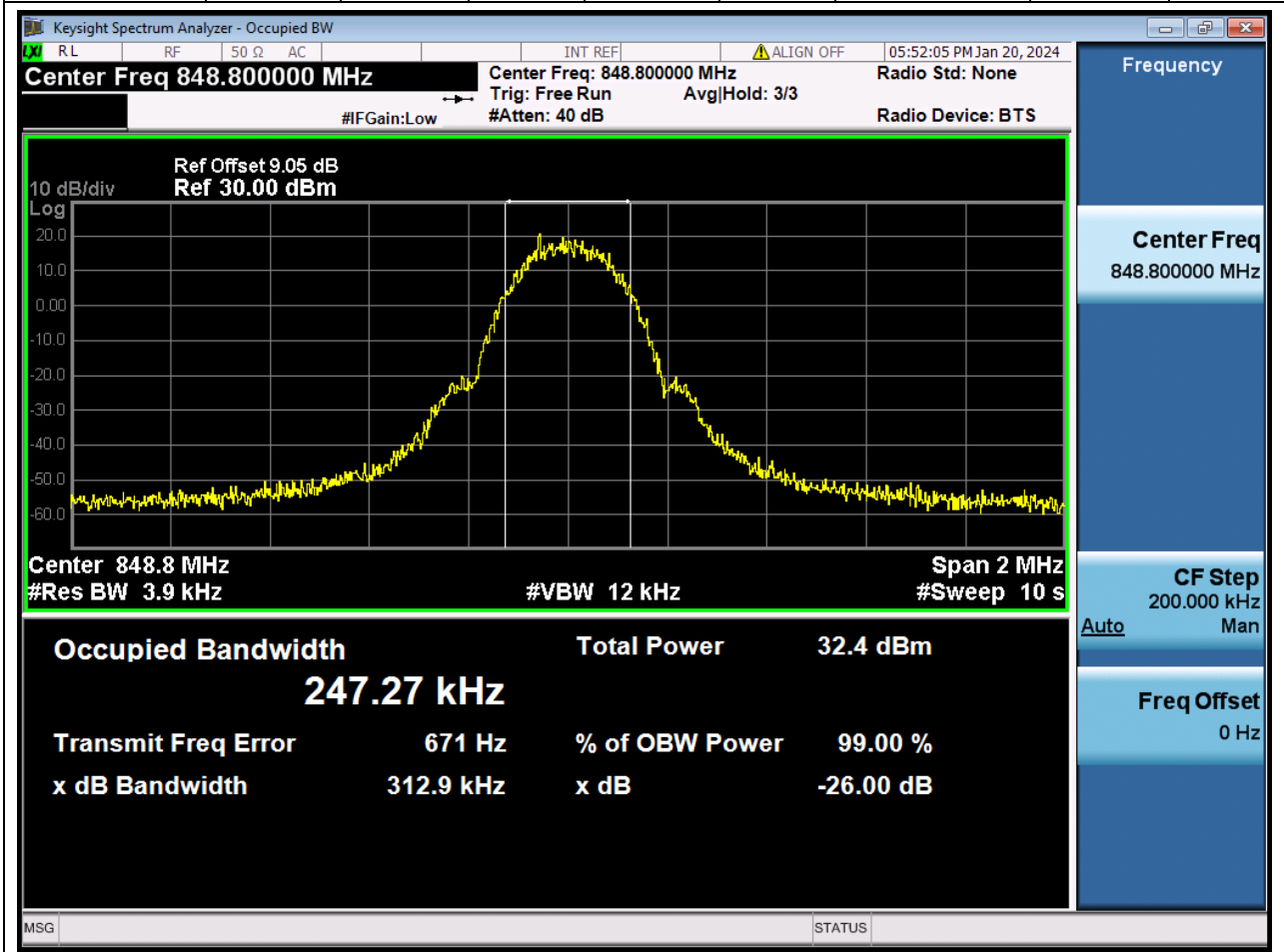
3.2. EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:190)

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	0.249	0.319	0.3	Pass



3.3. EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)

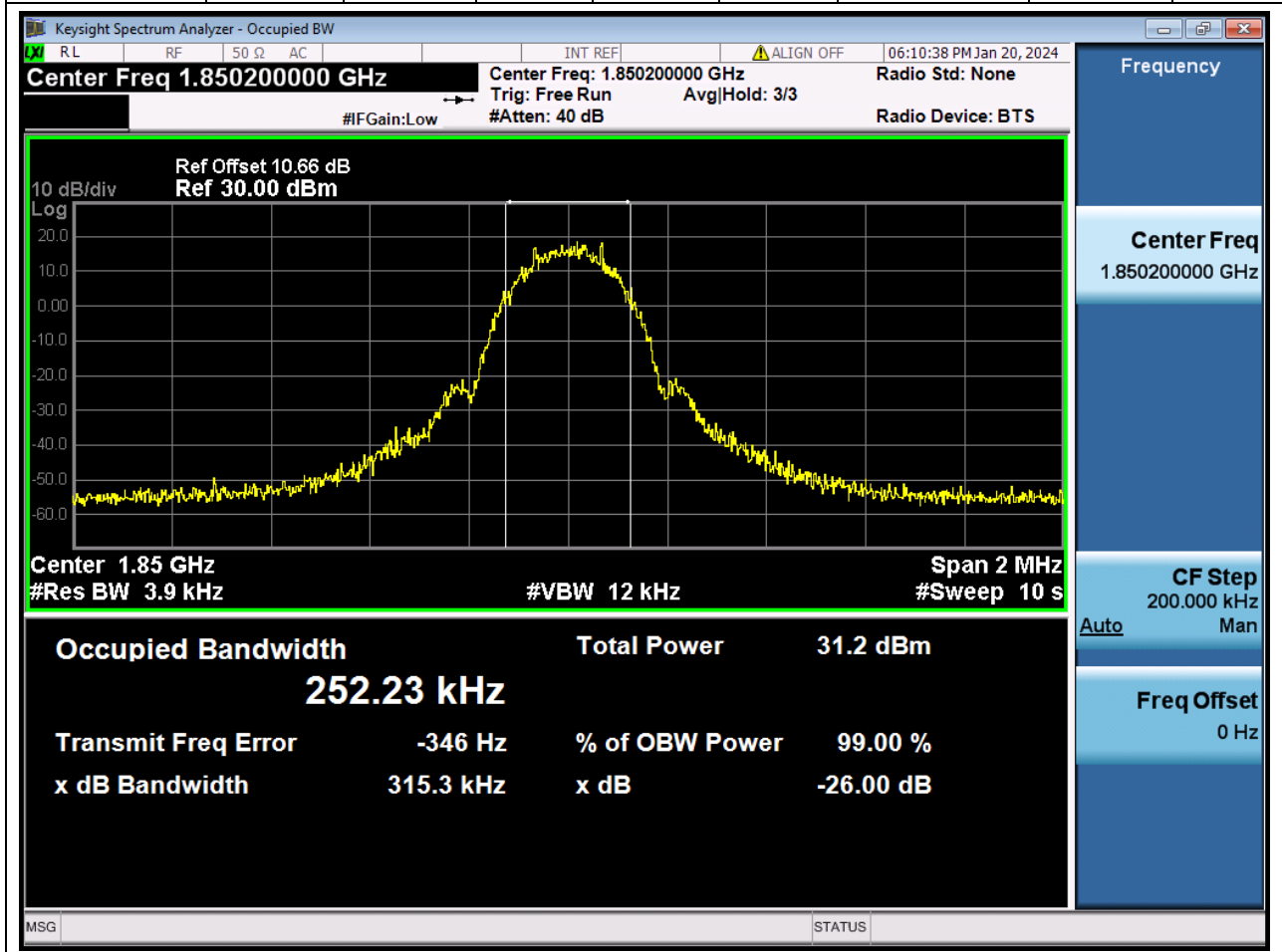
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.247	0.313	0.3	Pass



4. EGPRS_PCS

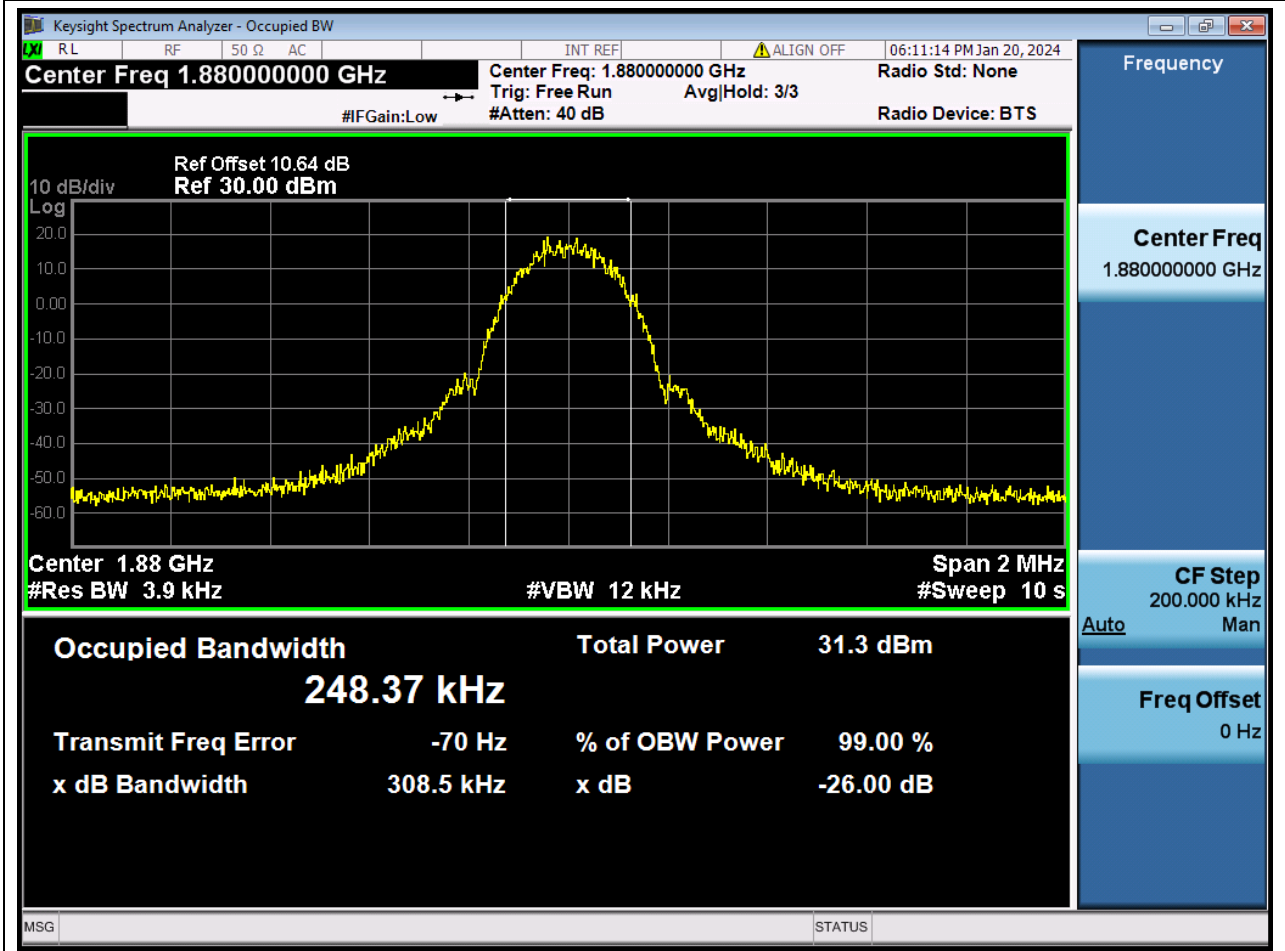
4.1. EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:512)

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	0.252	0.315	0.3	Pass



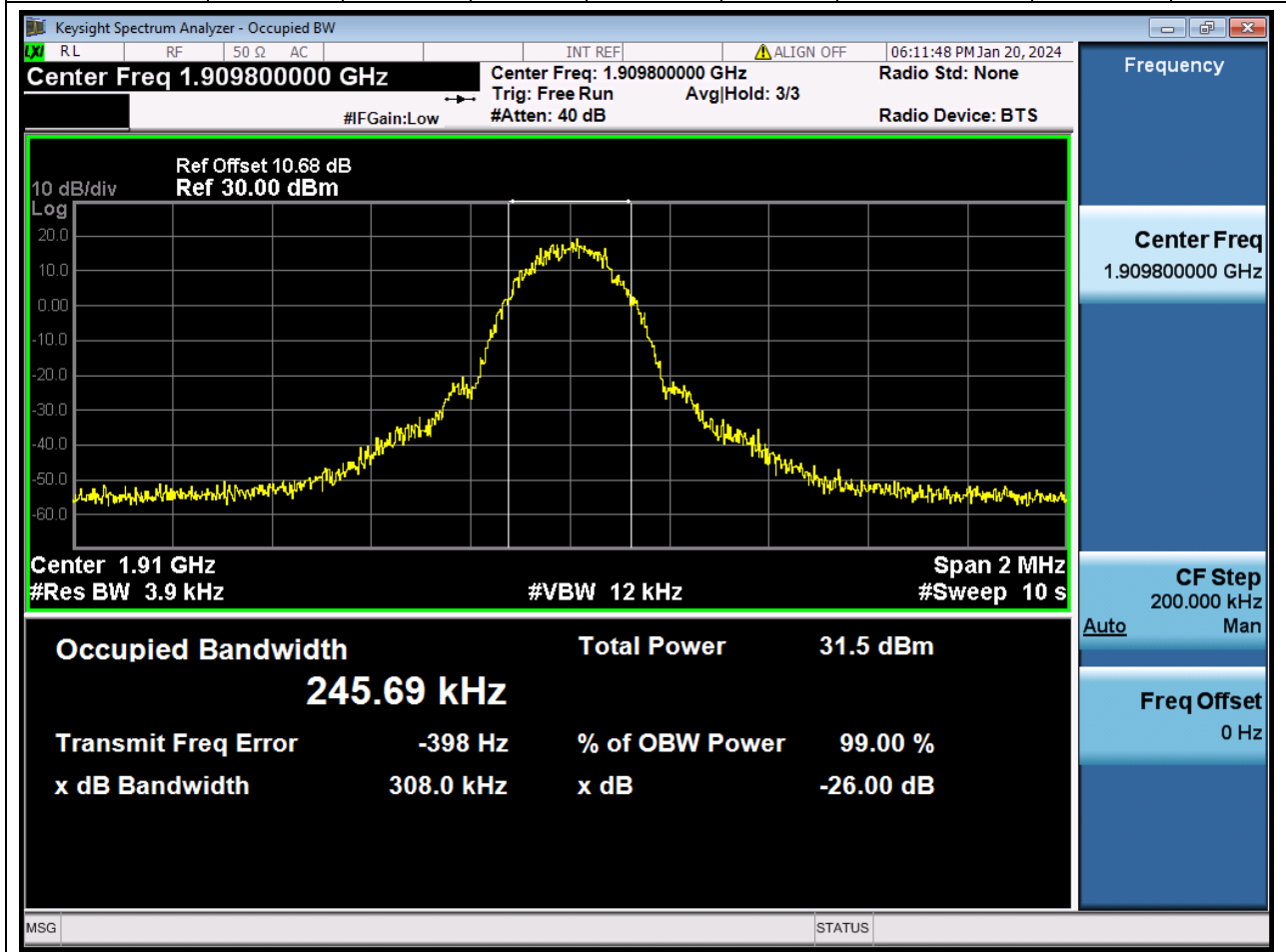
4.2. EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

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	0.248	0.309	0.3	Pass



4.3. EGPRS Occupied Bandwidth_Part22-24(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	0.246	0.308	0.3	Pass



5. WCDMA_Band2

5.1. WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9262)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.4	99	26	0.1	Peak	4.155	4.703	5	Pass

Agilent

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

Ch Freq 1.8524 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

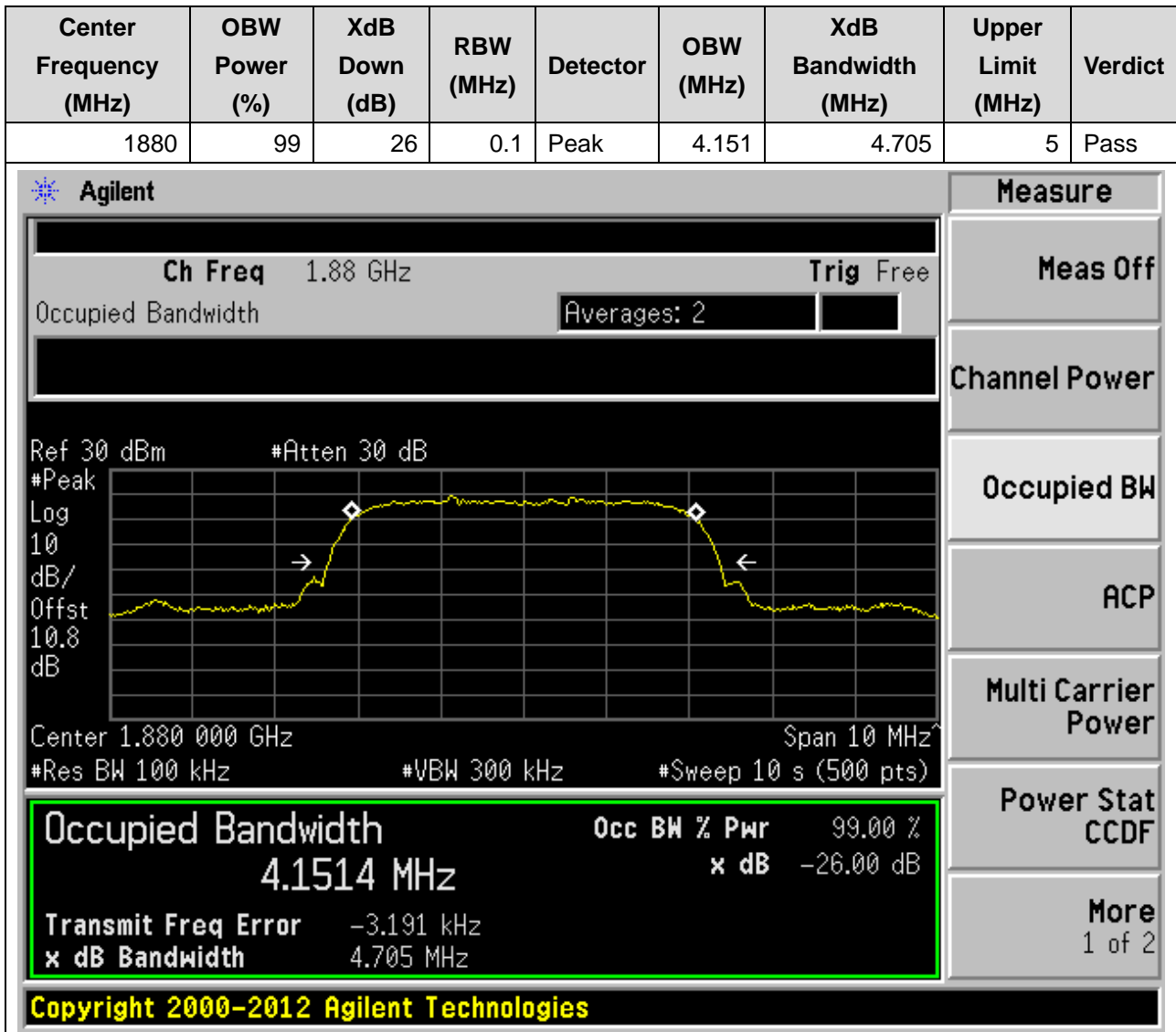
Center 1.852 400 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.1551 MHz	x dB -26.00 dB
Transmit Freq Error	-7.788 kHz
x dB Bandwidth	4.703 MHz

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5.2. WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9400)



5.3. WCDMA Occupied Bandwidth_Part22-24-27(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	4.157	4.708	5	Pass

Agilent

Measure

Ch Freq 1.9076 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.907 600 GHz
Span 10 MHz

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

Occupied Bandwidth
4.1571 MHz

Occ BW % Pwr
99.00 %
x dB
-26.00 dB

Transmit Freq Error
x dB Bandwidth

-11.974 kHz
4.708 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

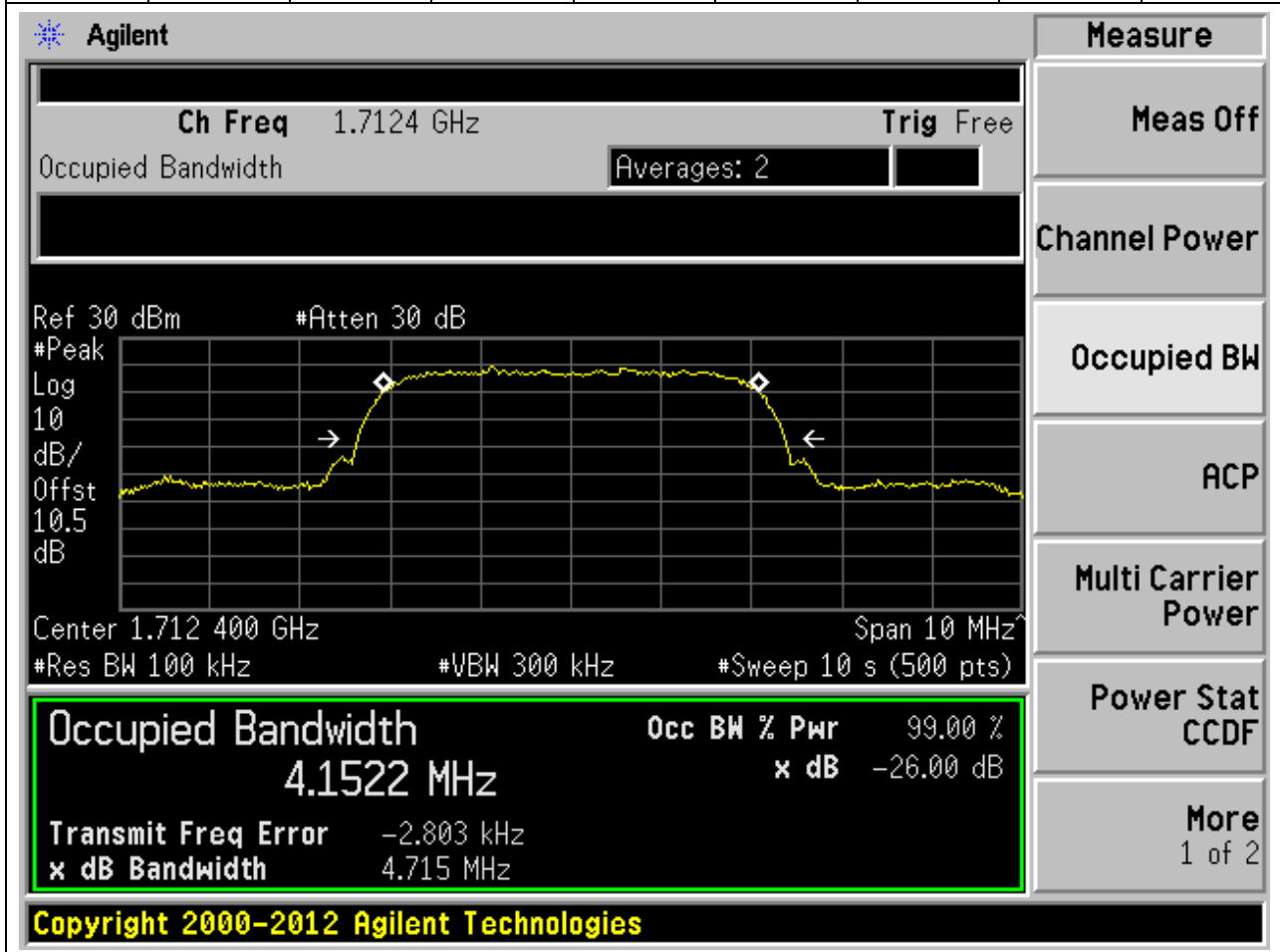
More
1 of 2

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6. WCDMA_Band4

6.1. WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:1312)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.4	99	26	0.1	Peak	4.152	4.715	5	Pass



6.2. WCDMA Occupied Bandwidth_Part22-24-27(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	4.15	4.706	5	Pass

Agilent

Measure

Ch Freq 1.7324 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.732 400 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	Occ BW % Pwr	99.00 %
4.1497 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.046 kHz	
x dB Bandwidth	4.706 MHz	

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6.3. WCDMA Occupied Bandwidth_Part22-24-27(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	4.151	4.713	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

Center 1.752 600 GHz Span 10 MHz

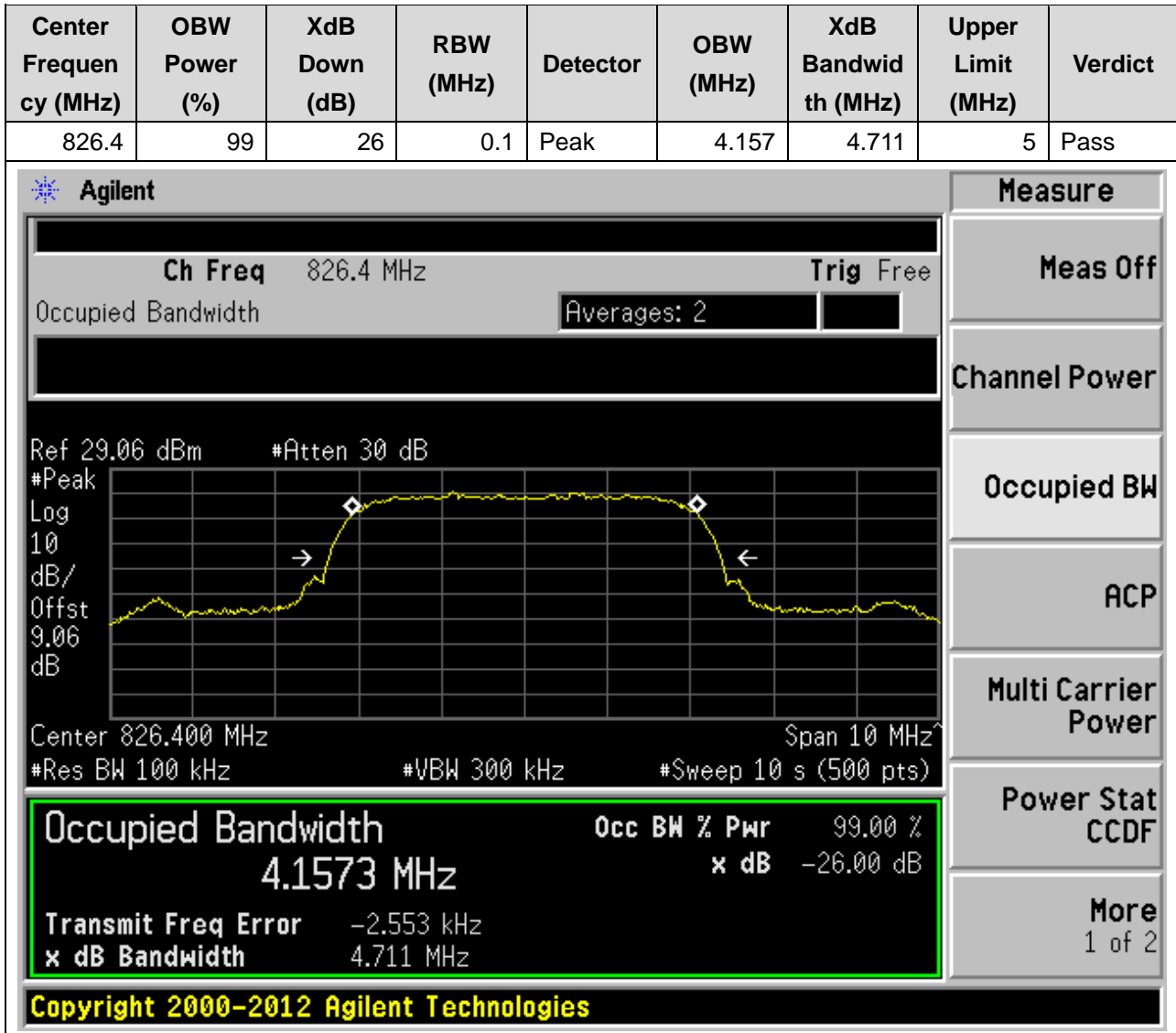
#Res BW 100 kHz #VBW 300 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1512 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.137 kHz	
x dB Bandwidth	4.713 MHz	

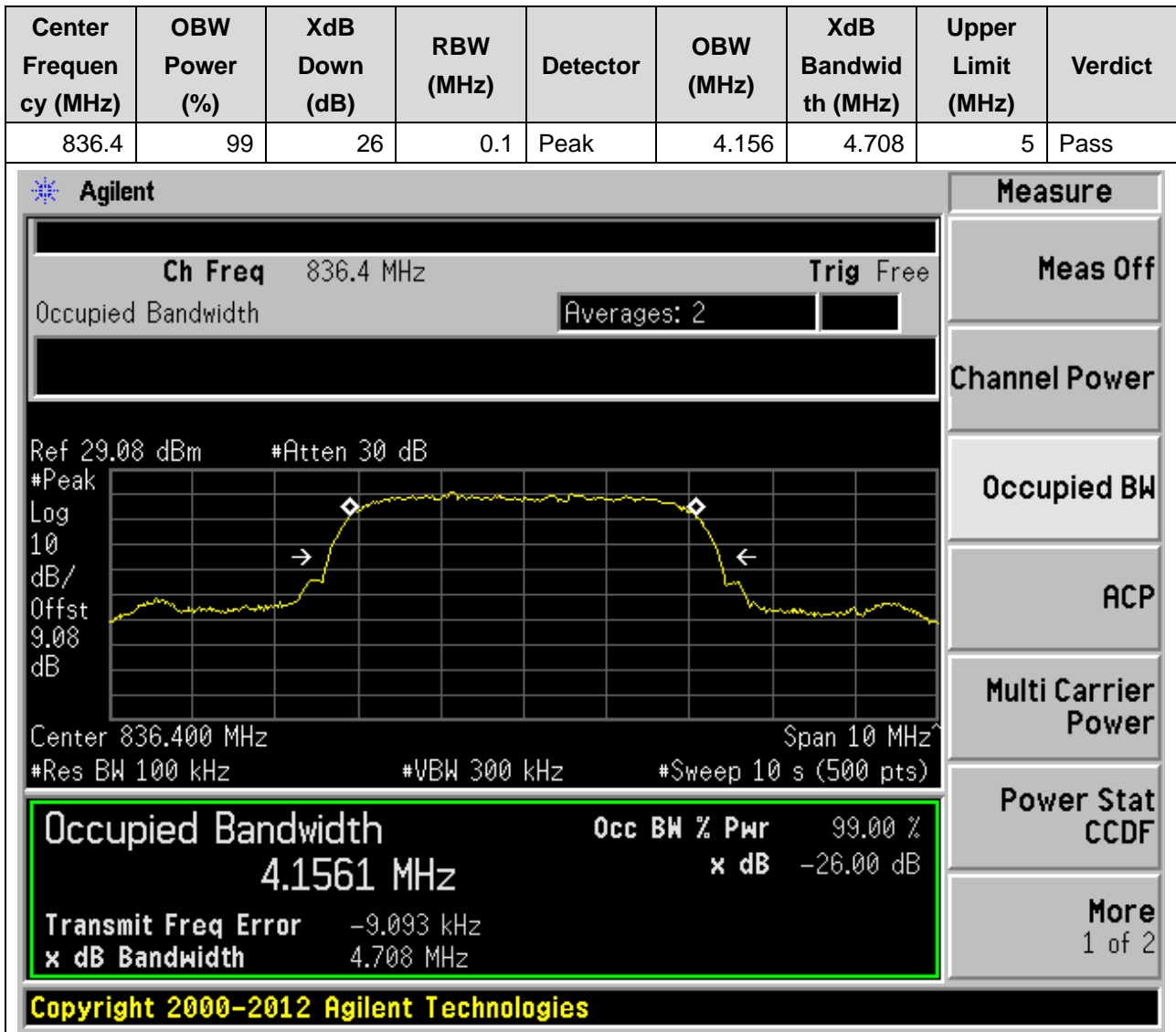
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7. WCDMA_Band5

7.1. WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4132)



7.2. WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4182)



7.3. WCDMA Occupied Bandwidth_Part22-24-27(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	4.146	4.708	5	Pass

Agilent

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

Ch Freq 846.6 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.15 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 %

4.1459 MHz x dB -26.00 dB

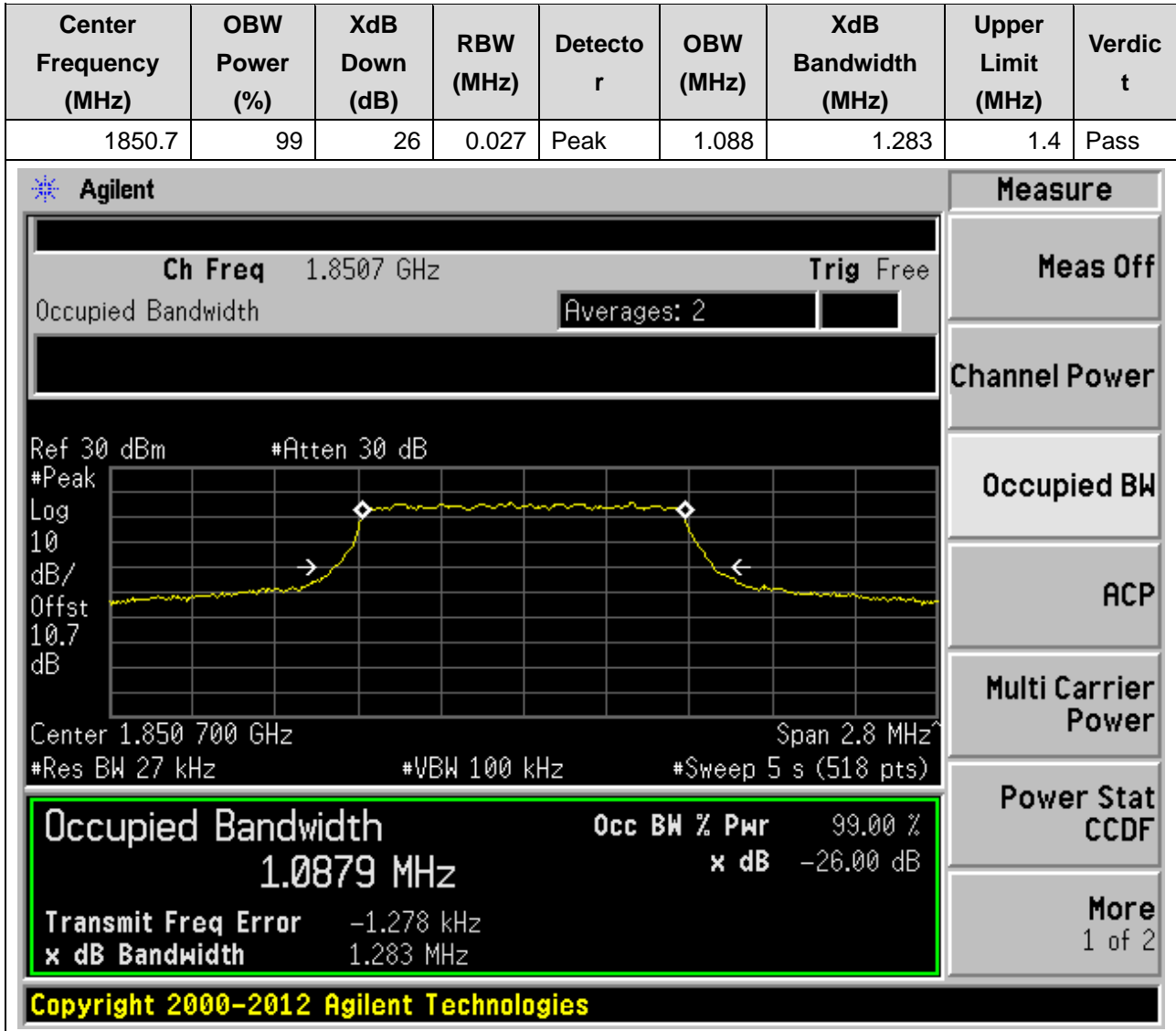
Transmit Freq Error -14.483 kHz

x dB Bandwidth 4.708 MHz

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8. LTE_Band2

8.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



8.2. LTE Occupied Bandwidth_Part22-24-27(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	1.094	1.314	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0941 MHz

x dB -26.00 dB

Transmit Freq Error -2.334 kHz

x dB Bandwidth 1.314 MHz

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8.3. LTE Occupied Bandwidth_Part22-24-27(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	1.094	1.304	1.4	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 000 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0939 MHz

x dB -26.00 dB

Transmit Freq Error 1.443 kHz

x dB Bandwidth 1.304 MHz

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8.4. LTE Occupied Bandwidth_Part22-24-27(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	1.088	1.273	1.4	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 000 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0880 MHz

x dB -26.00 dB

Transmit Freq Error 783.102 Hz

x dB Bandwidth 1.273 MHz

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8.5. LTE Occupied Bandwidth_Part22-24-27(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	1.096	1.279	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0961 MHz x dB -26.00 dB

Transmit Freq Error -799.359 Hz

x dB Bandwidth 1.279 MHz

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8.6. LTE Occupied Bandwidth_Part22-24-27(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	1.09	1.277	1.4	Pass

Agilent

Measure

Ch Freq 1.9093 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.8

dB

Center 1.909 300 GHz
Span 2.8 MHz

#Res BW 27 kHz
#VBW 100 kHz
#Sweep 5 s (518 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0898 MHz	x dB	-26.00 dB
Transmit Freq Error	-59.986 Hz	
x dB Bandwidth	1.277 MHz	

Power Stat
CCDF

More
1 of 2

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8.7. LTE Occupied Bandwidth_Part22-24-27(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	2.693	2.924	3	Pass

Agilent

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

Ch Freq 1.8515 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.851 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6931 MHz x dB -26.00 dB

Transmit Freq Error 913.828 Hz

x dB Bandwidth 2.924 MHz

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8.8. LTE Occupied Bandwidth_Part22-24-27(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	2.686	2.94	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.8515 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', 'Log 10', 'dB/Offst 10.7 dB', 'Center 1.851 500 GHz', 'Span 6 MHz', '#Res BW 62 kHz', '#VBW 200 kHz', and '#Sweep 5 s (483 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 2.6863 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 1.097 kHz', and 'x dB Bandwidth 2.940 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'.

8.9. LTE Occupied Bandwidth_Part22-24-27(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	2.69	2.922	3	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
10.8

dB

Center 1.880 000 GHz
Span 6 MHz

#Res BW 62 kHz
#VBW 200 kHz
#Sweep 5 s (483 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

2.6898 MHz
x dB -26.00 dB

Transmit Freq Error 3.251 kHz

x dB Bandwidth 2.922 MHz

Power Stat
CCDF

More
1 of 2

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8.10. LTE Occupied Bandwidth_Part22-24-27(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	2.689	2.93	3	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.880 000 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6889 MHz x dB -26.00 dB

Transmit Freq Error 372.099 Hz

x dB Bandwidth 2.930 MHz

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8.11. LTE Occupied Bandwidth_Part22-24-27(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	2.69	2.925	3	Pass

Agilent
Measure

Ch Freq 1.9085 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.908 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 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 %

2.6902 MHz x dB -26.00 dB

Transmit Freq Error -1.657 kHz

x dB Bandwidth 2.925 MHz

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8.12. LTE Occupied Bandwidth_Part22-24-27(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	2.686	2.928	3	Pass

Agilent

Ch Freq 1.9085 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.908 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6856 MHz x dB -26.00 dB

Transmit Freq Error -3.132 kHz

x dB Bandwidth 2.928 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

8.13. LTE Occupied Bandwidth_Part22-24-27(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	4.506	4.957	5	Pass

Agilent

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

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.852 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5063 MHz	x dB	-26.00 dB
Transmit Freq Error	1.441 kHz	
x dB Bandwidth	4.957 MHz	

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8.14. LTE Occupied Bandwidth_Part22-24-27(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	4.482	4.927	5	Pass

Agilent

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

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.852 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4819 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.832 kHz	
x dB Bandwidth	4.927 MHz	

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8.15. LTE Occupied Bandwidth_Part22-24-27(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	4.49	4.946	5	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.880 000 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4896 MHz

x dB -26.00 dB

Transmit Freq Error 2.147 kHz

x dB Bandwidth 4.946 MHz

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8.16. LTE Occupied Bandwidth_Part22-24-27(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	4.493	4.932	5	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.8

dB

Center 1.880 000 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4926 MHz

x dB -26.00 dB

Transmit Freq Error 644.762 Hz

x dB Bandwidth 4.932 MHz

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8.17. LTE Occupied Bandwidth_Part22-24-27(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	4.491	4.926	5	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4906 MHz	x dB	-26.00 dB
Transmit Freq Error	1.270 kHz	
x dB Bandwidth	4.926 MHz	

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8.18. LTE Occupied Bandwidth_Part22-24-27(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	4.489	4.972	5	Pass

Agilent

Ch Freq 1.9075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.907 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4890 MHz	x dB	-26.00 dB
Transmit Freq Error		-1.249 kHz
x dB Bandwidth		4.972 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

8.19. LTE Occupied Bandwidth_Part22-24-27(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	8.982	9.872	10	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9818 MHz x dB -26.00 dB

Transmit Freq Error 5.202 kHz

x dB Bandwidth 9.872 MHz

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8.20. LTE Occupied Bandwidth_Part22-24-27(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	8.96	9.793	10	Pass

Agilent
Measure

Ch Freq 1.855 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

#Peak

Log

10

dB/

Offst

10.7

dB

Center 1.855 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9599 MHz	x dB	-26.00 dB
Transmit Freq Error	10.095 kHz	
x dB Bandwidth	9.793 MHz	

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8.21. LTE Occupied Bandwidth_Part22-24-27(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	8.969	9.771	10	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.8

dB

Center 1.880 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9690 MHz

x dB -26.00 dB

Transmit Freq Error -2.997 kHz

x dB Bandwidth 9.771 MHz

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8.22. LTE Occupied Bandwidth_Part22-24-27(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	8.979	9.808	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 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

8.9790 MHz

Transmit Freq Error 12.204 kHz

x dB Bandwidth 9.808 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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8.23. LTE Occupied Bandwidth_Part22-24-27(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	8.971	9.819	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

#Peak Log 10 dB/Offst 10.8 dB

Center 1.905 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9713 MHz x dB -26.00 dB

Transmit Freq Error -18.997 kHz

x dB Bandwidth 9.819 MHz

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8.24. LTE Occupied Bandwidth_Part22-24-27(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	8.965	9.821	10	Pass

Agilent
Measure

Ch Freq 1.905 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.8

dB

Center 1.905 00 GHz
Span 20 MHz

#Res BW 200 kHz
#VBW 620 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9654 MHz
x dB -26.00 dB

Transmit Freq Error -15.763 kHz

x dB Bandwidth 9.821 MHz

Power Stat CCDF

More
1 of 2

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8.25. LTE Occupied Bandwidth_Part22-24-27(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	13.502	14.775	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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5015 MHz	x dB	-26.00 dB
Transmit Freq Error		9.255 kHz
x dB Bandwidth		14.775 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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8.26. LTE Occupied Bandwidth_Part22-24-27(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	13.486	14.699	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

Center 1.857 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4859 MHz	x dB	-26.00 dB
Transmit Freq Error	16.488 kHz	
x dB Bandwidth	14.699 MHz	

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8.27. LTE Occupied Bandwidth_Part22-24-27(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	13.414	14.666	15	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.880 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4143 MHz	x dB	-26.00 dB
Transmit Freq Error	4.956 kHz	
x dB Bandwidth	14.666 MHz	

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8.28. LTE Occupied Bandwidth_Part22-24-27(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	13.468	14.638	15	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4680 MHz	x dB	-26.00 dB
Transmit Freq Error	13.372 kHz	
x dB Bandwidth	14.638 MHz	

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8.29. LTE Occupied Bandwidth_Part22-24-27(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	13.428	14.706	15	Pass

Agilent

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

Ch Freq 1.9025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.902 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4279 MHz	x dB	-26.00 dB
Transmit Freq Error	-14.657 kHz	
x dB Bandwidth	14.706 MHz	

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8.30. LTE Occupied Bandwidth_Part22-24-27(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	13.445	14.633	15	Pass

Agilent

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

Ch Freq 1.9025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.902 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4454 MHz x dB -26.00 dB

Transmit Freq Error -24.115 kHz

x dB Bandwidth 14.633 MHz

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8.31. LTE Occupied Bandwidth_Part22-24-27(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	17.92	19.374	20	Pass

Agilent
Measure

Ch Freq 1.86 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.860 00 GHz Span 40 MHz
 #Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9204 MHz	x dB -26.00 dB
Transmit Freq Error 18.902 kHz	
x dB Bandwidth 19.374 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

8.32. LTE Occupied Bandwidth_Part22-24-27(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	17.955	19.444	20	Pass

Agilent

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

Ch Freq 1.86 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 1.860 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9546 MHz	x dB	-26.00 dB
Transmit Freq Error	36.432 kHz	
x dB Bandwidth	19.444 MHz	

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8.33. LTE Occupied Bandwidth_Part22-24-27(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	17.935	19.399	20	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9347 MHz	x dB	-26.00 dB
Transmit Freq Error	40.712 kHz	
x dB Bandwidth	19.399 MHz	

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8.34. LTE Occupied Bandwidth_Part22-24-27(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	17.983	19.424	20	Pass

Agilent

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

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9832 MHz	x dB	-26.00 dB
Transmit Freq Error	36.308 kHz	
x dB Bandwidth	19.424 MHz	

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8.35. LTE Occupied Bandwidth_Part22-24-27(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	19.578	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 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9173 MHz	x dB	-26.00 dB
Transmit Freq Error	-43.754 kHz	
x dB Bandwidth	19.578 MHz	

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8.36. LTE Occupied Bandwidth_Part22-24-27(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	17.882	19.496	20	Pass

Agilent
Measure

Ch Freq 1.9 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 1.900 00 GHz Span 40 MHz

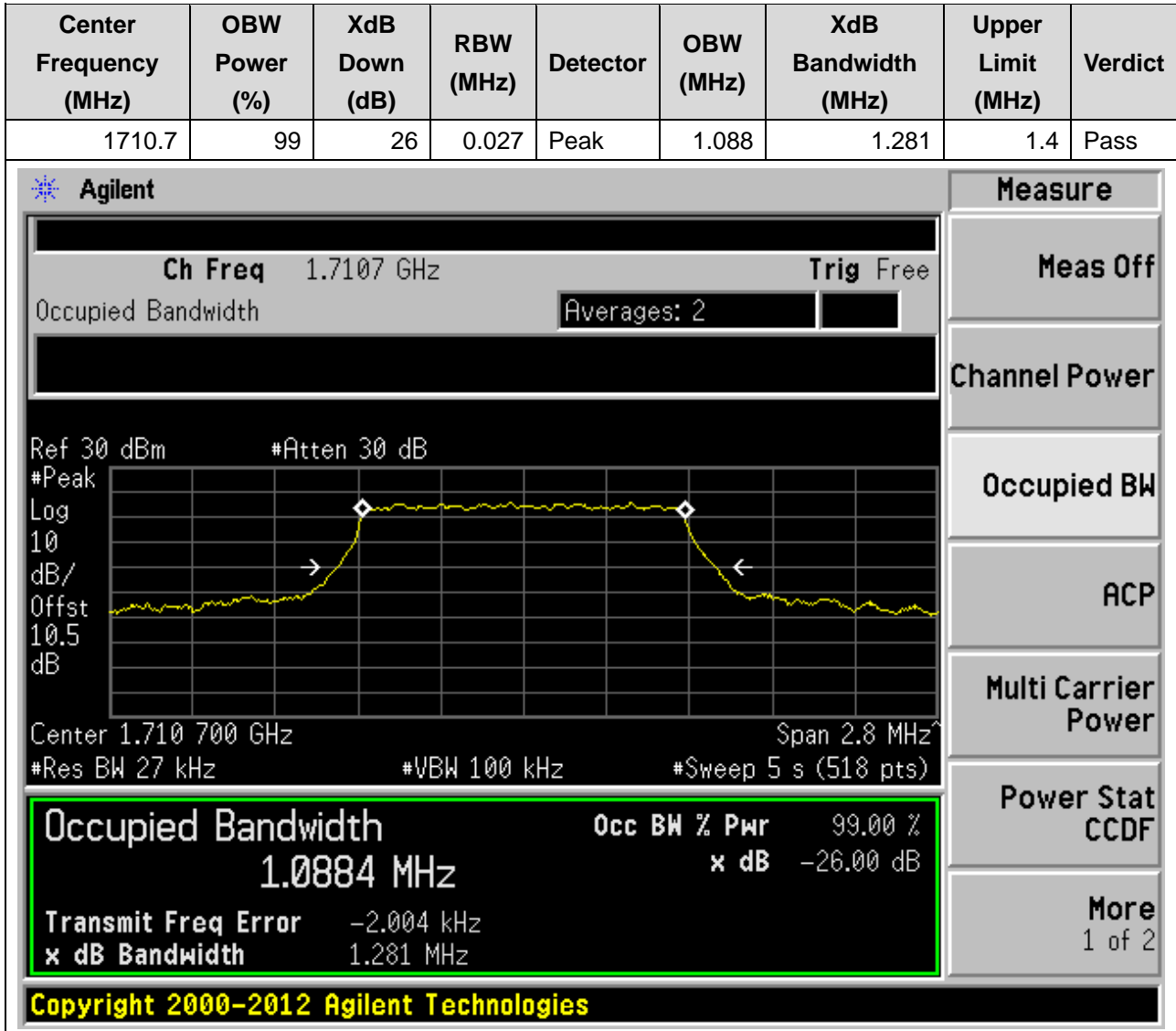
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.8816 MHz	x dB	-26.00 dB
Transmit Freq Error	-35.992 kHz	
x dB Bandwidth	19.496 MHz	

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9. LTE_Band4

9.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



9.2. LTE Occupied Bandwidth_Part22-24-27(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	1.092	1.312	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0924 MHz

x dB -26.00 dB

Transmit Freq Error -2.064 kHz

x dB Bandwidth 1.312 MHz

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9.3. LTE Occupied Bandwidth_Part22-24-27(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	1.091	1.318	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0914 MHz

x dB -26.00 dB

Transmit Freq Error 186.407 Hz

x dB Bandwidth 1.318 MHz

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9.4. LTE Occupied Bandwidth_Part22-24-27(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	1.09	1.301	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0897 MHz

x dB -26.00 dB

Transmit Freq Error -325.780 Hz

x dB Bandwidth 1.301 MHz

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9.5. LTE Occupied Bandwidth_Part22-24-27(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	1.094	1.281	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0944 MHz

x dB -26.00 dB

Transmit Freq Error -609.538 Hz

x dB Bandwidth 1.281 MHz

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9.6. LTE Occupied Bandwidth_Part22-24-27(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	1.088	1.277	1.4	Pass

Agilent
Measure

Ch Freq 1.7543 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

#Peak

Log

10

dB/

Offst

10.6

dB

Center 1.754 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 5 s (518 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0877 MHz	x dB	-26.00 dB
Transmit Freq Error	727.085 Hz	
x dB Bandwidth	1.277 MHz	

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9.7. LTE Occupied Bandwidth_Part22-24-27(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	2.688	2.919	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 5 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6877 MHz

Transmit Freq Error 1.421 kHz

x dB Bandwidth 2.919 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.8. LTE Occupied Bandwidth_Part22-24-27(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	2.683	2.943	3	Pass

Agilent

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

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.711 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6828 MHz

x dB -26.00 dB

Transmit Freq Error 2.396 kHz

x dB Bandwidth 2.943 MHz

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9.9. LTE Occupied Bandwidth_Part22-24-27(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	2.699	3.007	3	Pass

Agilent

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

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 5 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6989 MHz	x dB	-26.00 dB
Transmit Freq Error	3.971 kHz	
x dB Bandwidth	3.007 MHz	

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9.10. LTE Occupied Bandwidth_Part22-24-27(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	2.692	2.972	3	Pass

Agilent

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

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.732 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6915 MHz

x dB -26.00 dB

Transmit Freq Error -744.106 Hz

x dB Bandwidth 2.972 MHz

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9.11. LTE Occupied Bandwidth_Part22-24-27(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	2.69	2.933	3	Pass

Agilent
Measure

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.753 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

2.6905 MHz

Transmit Freq Error -131.992 Hz

x dB Bandwidth 2.933 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.12. LTE Occupied Bandwidth_Part22-24-27(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	2.687	2.932	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.7535 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale with 'dB/Offst 10.5 dB'. The center frequency is 1.7535 GHz and the span is 6 MHz. The resolution bandwidth (RBW) is 62 kHz and the video bandwidth (VBW) is 200 kHz. The sweep time is 5 seconds (483 points). The plot shows a signal with a peak at approximately 1.7535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6869 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -1.760 kHz and the 'x dB Bandwidth' is 2.932 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
2.6869 MHz	99.00 %	-26.00 dB

9.13. LTE Occupied Bandwidth_Part22-24-27(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	4.488	4.946	5	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4883 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.475 kHz	
x dB Bandwidth	4.946 MHz	

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9.14. LTE Occupied Bandwidth_Part22-24-27(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	4.479	4.916	5	Pass

Agilent

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

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.712 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4789 MHz	x dB	-26.00 dB
Transmit Freq Error	-35.841 Hz	
x dB Bandwidth	4.916 MHz	

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9.15. LTE Occupied Bandwidth_Part22-24-27(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	4.496	4.956	5	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 10 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4961 MHz

Transmit Freq Error -2.139 kHz

x dB Bandwidth 4.956 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.16. LTE Occupied Bandwidth_Part22-24-27(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	4.509	4.959	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
10.6

dB

Center 1.732 500 GHz
Span 10 MHz

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

Occupied Bandwidth

4.5086 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.026 kHz

x dB Bandwidth 4.959 MHz

More
1 of 2

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9.17. LTE Occupied Bandwidth_Part22-24-27(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	4.489	4.917	5	Pass

Agilent
Measure

Ch Freq 1.7525 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 1.752 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4889 MHz	x dB	-26.00 dB
Transmit Freq Error	2.607 kHz	
x dB Bandwidth	4.917 MHz	

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9.18. LTE Occupied Bandwidth_Part22-24-27(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	4.488	4.942	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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4880 MHz	x dB	-26.00 dB
Transmit Freq Error	737.423 Hz	
x dB Bandwidth	4.942 MHz	

Power Stat
CCDF

More
1 of 2

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9.19. LTE Occupied Bandwidth_Part22-24-27(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	8.976	9.854	10	Pass

Agilent
Measure

Ch Freq 1.715 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.715 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9763 MHz

Transmit Freq Error 8.092 kHz

x dB Bandwidth 9.854 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.20. LTE Occupied Bandwidth_Part22-24-27(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	8.964	9.784	10	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9645 MHz	x dB	-26.00 dB
Transmit Freq Error	14.623 kHz	
x dB Bandwidth	9.784 MHz	

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9.21. LTE Occupied Bandwidth_Part22-24-27(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	8.95	9.791	10	Pass

Agilent

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

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.732 50 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9505 MHz x dB -26.00 dB

Transmit Freq Error 4.899 kHz

x dB Bandwidth 9.791 MHz

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9.22. LTE Occupied Bandwidth_Part22-24-27(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	8.976	9.794	10	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9755 MHz x dB -26.00 dB

Transmit Freq Error 9.005 kHz

x dB Bandwidth 9.794 MHz

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9.23. LTE Occupied Bandwidth_Part22-24-27(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	8.971	9.797	10	Pass

Agilent

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

Ch Freq 1.75 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.750 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9709 MHz x dB -26.00 dB

Transmit Freq Error -11.531 kHz

x dB Bandwidth 9.797 MHz

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9.24. LTE Occupied Bandwidth_Part22-24-27(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	8.968	9.828	10	Pass

Agilent
Measure

Ch Freq 1.75 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.5

dB

Center 1.750 00 GHz
Span 20 MHz

#Res BW 200 kHz
#VBW 620 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9679 MHz
x dB -26.00 dB

Transmit Freq Error -10.790 kHz

x dB Bandwidth 9.828 MHz

Power Stat CCDF

More
1 of 2

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9.25. LTE Occupied Bandwidth_Part22-24-27(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	13.455	14.788	15	Pass

Agilent

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

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.717 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.456 MHz	x dB	-26.00 dB
Transmit Freq Error	4.235 kHz	
x dB Bandwidth	14.788 MHz	

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9.26. LTE Occupied Bandwidth_Part22-24-27(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	13.452	14.688	15	Pass

Agilent
Measure

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.717 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4519 MHz

Transmit Freq Error 8.458 kHz

x dB Bandwidth 14.688 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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9.27. LTE Occupied Bandwidth_Part22-24-27(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	13.425	14.69	15	Pass

Agilent

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

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.732 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4247 MHz

x dB -26.00 dB

Transmit Freq Error 13.878 kHz

x dB Bandwidth 14.690 MHz

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9.28. LTE Occupied Bandwidth_Part22-24-27(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	13.467	14.685	15	Pass

Agilent

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

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.732 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4675 MHz	x dB	-26.00 dB
Transmit Freq Error	3.644 kHz	
x dB Bandwidth	14.685 MHz	

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9.29. LTE Occupied Bandwidth_Part22-24-27(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	13.437	14.769	15	Pass

Agilent

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

Ch Freq 1.7475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.5

dB

Center 1.747 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4368 MHz

x dB -26.00 dB

Transmit Freq Error -2.054 kHz

x dB Bandwidth 14.769 MHz

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9.30. LTE Occupied Bandwidth_Part22-24-27(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	13.435	14.723	15	Pass

Agilent

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

Ch Freq 1.7475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.747 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4350 MHz

x dB -26.00 dB

Transmit Freq Error -7.554 kHz

x dB Bandwidth 14.723 MHz

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9.31. LTE Occupied Bandwidth_Part22-24-27(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	17.936	19.373	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 10.5 dB

Center 1.720 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 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 %

17.9361 MHz x dB -26.00 dB

Transmit Freq Error -6.941 kHz

x dB Bandwidth 19.373 MHz

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9.32. LTE Occupied Bandwidth_Part22-24-27(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	17.975	19.431	20	Pass

Agilent

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

Ch Freq 1.72 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.720 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9755 MHz

x dB -26.00 dB

Transmit Freq Error 39.533 kHz

x dB Bandwidth 19.431 MHz

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9.33. LTE Occupied Bandwidth_Part22-24-27(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	17.941	19.42	20	Pass

Agilent

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

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.732 50 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9410 MHz	x dB	-26.00 dB
Transmit Freq Error		49.797 kHz
x dB Bandwidth		19.420 MHz

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9.34. LTE Occupied Bandwidth_Part22-24-27(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	17.94	19.539	20	Pass

Agilent

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

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 50 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9397 MHz	x dB	-26.00 dB
Transmit Freq Error	7.229 kHz	
x dB Bandwidth	19.539 MHz	

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9.35. LTE Occupied Bandwidth_Part22-24-27(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	17.926	19.619	20	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 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 5 s (512 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

17.9261 MHz
x dB -26.00 dB

Transmit Freq Error -16.530 kHz

x dB Bandwidth 19.619 MHz

Power Stat CCDF

More
1 of 2

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9.36. LTE Occupied Bandwidth_Part22-24-27(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	17.906	19.419	20	Pass

Agilent

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

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 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9059 MHz

x dB -26.00 dB

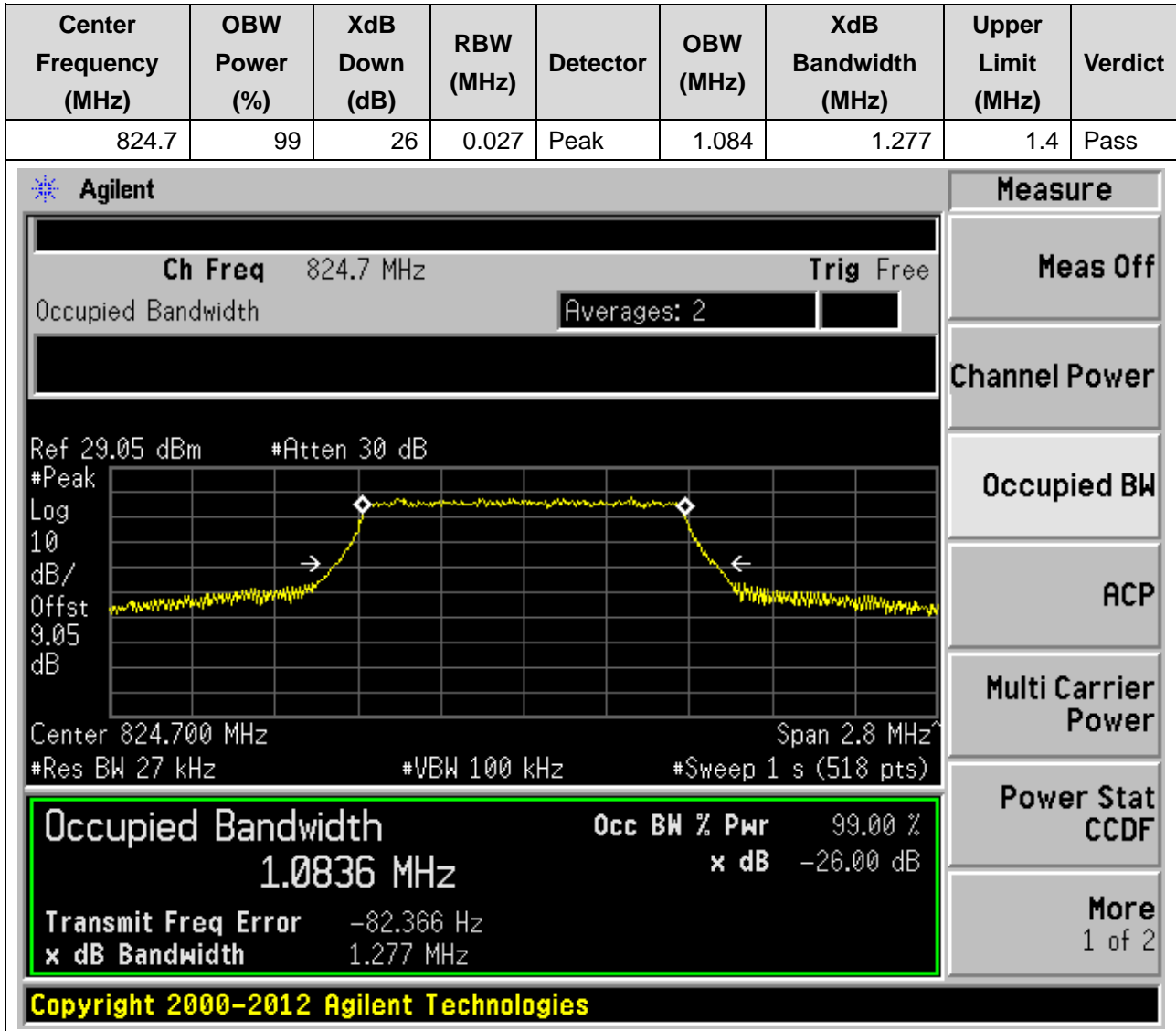
Transmit Freq Error 6.933 kHz

x dB Bandwidth 19.419 MHz

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10. LTE_Band5

10.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



10.2. LTE Occupied Bandwidth_Part22-24-27(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	1.089	1.287	1.4	Pass

Agilent

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

Ch Freq 824.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.05 dBm #Atten 30 dB

Center 824.700 MHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0889 MHz

x dB -26.00 dB

Transmit Freq Error -1.157 kHz

x dB Bandwidth 1.287 MHz

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10.3. LTE Occupied Bandwidth_Part22-24-27(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	1.089	1.29	1.4	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 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 Occ BW % Pwr 99.00 %

1.0890 MHz x dB -26.00 dB

Transmit Freq Error -304.379 Hz

x dB Bandwidth 1.290 MHz

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10.4. LTE Occupied Bandwidth_Part22-24-27(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	1.085	1.269	1.4	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 29.08 dBm #Atten 30 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 %

1.0847 MHz

x dB -26.00 dB

Transmit Freq Error -1.191 kHz

x dB Bandwidth 1.269 MHz

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10.5. LTE Occupied Bandwidth_Part22-24-27(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	1.088	1.263	1.4	Pass

Agilent

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

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 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 %

1.0878 MHz x dB -26.00 dB

Transmit Freq Error -2.892 kHz

x dB Bandwidth 1.263 MHz

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10.6. LTE Occupied Bandwidth_Part22-24-27(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	1.086	1.266	1.4	Pass

Agilent

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

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 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 %

1.0864 MHz

x dB -26.00 dB

Transmit Freq Error -1.846 kHz

x dB Bandwidth 1.266 MHz

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10.7. LTE Occupied Bandwidth_Part22-24-27(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	2.687	2.909	3	Pass

Agilent
Measure

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.05 dBm #Atten 30 dB

Center 825.500 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

2.6868 MHz

Transmit Freq Error 603.934 Hz

x dB Bandwidth 2.909 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.8. LTE Occupied Bandwidth_Part22-24-27(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	2.684	2.928	3	Pass

Agilent

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

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.05 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.05 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 %

2.6842 MHz

x dB -26.00 dB

Transmit Freq Error 339.222 Hz

x dB Bandwidth 2.928 MHz

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10.9. LTE Occupied Bandwidth_Part22-24-27(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	2.684	2.913	3	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 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

2.6845 MHz

Transmit Freq Error -1.849 kHz

x dB Bandwidth 2.913 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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10.10. LTE Occupied Bandwidth_Part22-24-27(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	2.686	2.924	3	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 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 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 %

2.6861 MHz

x dB -26.00 dB

Transmit Freq Error -4.359 kHz

x dB Bandwidth 2.924 MHz

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10.11. LTE Occupied Bandwidth_Part22-24-27(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	2.686	2.918	3	Pass

Agilent
Measure

Ch Freq 847.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.16 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 %
2.6860 MHz	x dB -26.00 dB
Transmit Freq Error -2.867 kHz	
x dB Bandwidth 2.918 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.12. LTE Occupied Bandwidth_Part22-24-27(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	2.682	2.921	3	Pass

Agilent

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

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.16 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 %

2.6816 MHz x dB -26.00 dB

Transmit Freq Error -3.768 kHz

x dB Bandwidth 2.921 MHz

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10.13. LTE Occupied Bandwidth_Part22-24-27(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	4.494	4.91	5	Pass

Agilent

Measure

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.06 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.06

dB

Center 826.500 MHz
Span 10 MHz

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

Occupied Bandwidth

4.4943 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -936.388 Hz

x dB Bandwidth 4.910 MHz

Power Stat
CCDF

More
1 of 2

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10.14. LTE Occupied Bandwidth_Part22-24-27(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	4.481	4.912	5	Pass

Agilent

Measure

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.06 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.06

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 %
4.4814 MHz	x dB	-26.00 dB
Transmit Freq Error	1.594 kHz	
x dB Bandwidth	4.912 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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10.15. LTE Occupied Bandwidth_Part22-24-27(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	4.49	4.922	5	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 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.08 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 %

4.4895 MHz x dB -26.00 dB

Transmit Freq Error -2.262 kHz

x dB Bandwidth 4.922 MHz

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10.16. LTE Occupied Bandwidth_Part22-24-27(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	4.489	4.923	5	Pass

Agilent
Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.08

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 %
4.4887 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.860 kHz	
x dB Bandwidth	4.923 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.17. LTE Occupied Bandwidth_Part22-24-27(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	4.485	4.909	5	Pass

Agilent

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

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 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 %
4.4855 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.517 kHz	
x dB Bandwidth	4.909 MHz	

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10.18. LTE Occupied Bandwidth_Part22-24-27(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	4.483	4.932	5	Pass

Agilent

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

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 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 %

4.4827 MHz x dB -26.00 dB

Transmit Freq Error -2.297 kHz

x dB Bandwidth 4.932 MHz

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10.19. LTE Occupied Bandwidth_Part22-24-27(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	8.974	9.869	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 29.08 dBm #Atten 30 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 %
8.9743 MHz	x dB	-26.00 dB
Transmit Freq Error	626.584 Hz	
x dB Bandwidth	9.869 MHz	

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10.20. LTE Occupied Bandwidth_Part22-24-27(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	8.973	9.728	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 29.08 dBm #Atten 30 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 %

8.9731 MHz x dB -26.00 dB

Transmit Freq Error 5.006 kHz

x dB Bandwidth 9.728 MHz

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10.21. LTE Occupied Bandwidth_Part22-24-27(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	8.947	9.706	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.08

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 %
8.9470 MHz	x dB	-26.00 dB
Transmit Freq Error	2.146 kHz	
x dB Bandwidth	9.706 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.22. LTE Occupied Bandwidth_Part22-24-27(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	8.963	9.745	10	Pass

Agilent

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

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 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 %

8.9627 MHz

x dB -26.00 dB

Transmit Freq Error 331.708 Hz

x dB Bandwidth 9.745 MHz

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10.23. LTE Occupied Bandwidth_Part22-24-27(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	8.956	9.763	10	Pass

Agilent

Measure

Ch Freq 844 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.12 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.12

dB

Center 844.00 MHz
Span 20 MHz

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

Occupied Bandwidth

8.9565 MHz

Transmit Freq Error -26.270 kHz

x dB Bandwidth 9.763 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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10.24. LTE Occupied Bandwidth_Part22-24-27(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	8.944	9.77	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 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 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 %

8.9437 MHz x dB -26.00 dB

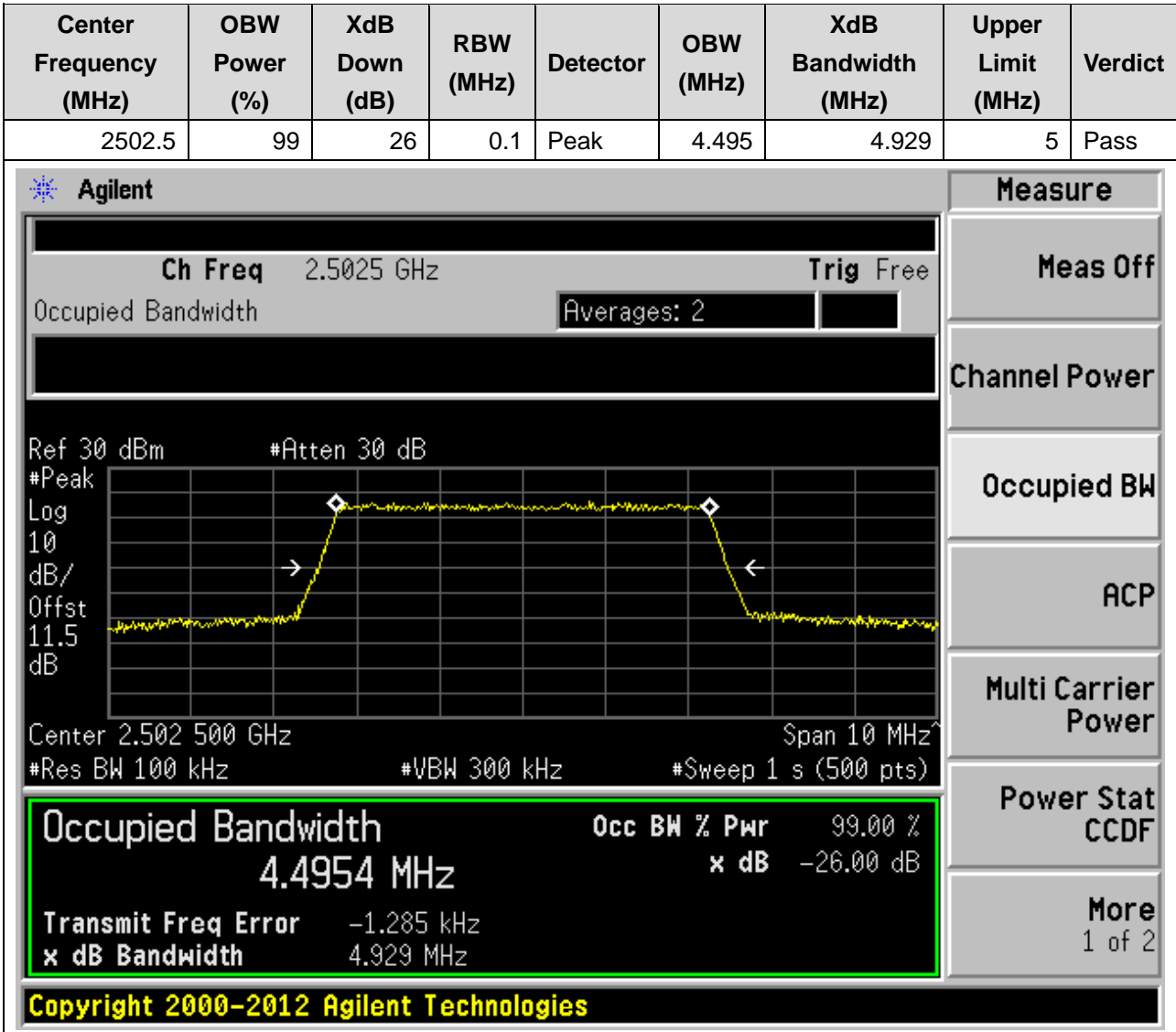
Transmit Freq Error -18.465 kHz

x dB Bandwidth 9.770 MHz

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11. LTE_Band7

11.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



11.2. LTE Occupied Bandwidth_Part22-24-27(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	4.483	4.908	5	Pass

Agilent
Measure

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)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4827 MHz

Transmit Freq Error 773.180 Hz

x dB Bandwidth 4.908 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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11.3. LTE Occupied Bandwidth_Part22-24-27(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	4.488	4.896	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.535 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale with 'dB/Offst 11.5 dB'. The center frequency is 2.535 000 GHz and the span is 10 MHz. The resolution bandwidth (Res BW) is 100 kHz, the video bandwidth (VBW) is 300 kHz, and the sweep time is 1 s (500 pts). The plot shows a signal with a peak at 4.488 MHz. The occupied bandwidth is measured as 4.896 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -2.938 kHz. The interface also shows 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'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4884 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.938 kHz	
x dB Bandwidth	4.896 MHz	

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11.4. LTE Occupied Bandwidth_Part22-24-27(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	4.493	4.911	5	Pass

Agilent
Measure

Ch Freq 2.535 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 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 %

4.4934 MHz x dB -26.00 dB

Transmit Freq Error -2.957 kHz

x dB Bandwidth 4.911 MHz

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11.5. LTE Occupied Bandwidth_Part22-24-27(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	4.484	4.911	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)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4840 MHz	x dB -26.00 dB
Transmit Freq Error 2.917 kHz	
x dB Bandwidth 4.911 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

11.6. LTE Occupied Bandwidth_Part22-24-27(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	4.488	4.925	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.5675 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot has a center frequency of 2.5675 GHz and a span of 10 MHz. The y-axis is labeled 'dB/Offst' with a value of 11.9 dB. The plot shows a signal with a flat top and sloping sides, with two white diamonds marking the -26 dB points. Below the plot, the following parameters are listed: Center 2.567 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, and #Sweep 1 s (500 pts). A green box highlights the 'Occupied Bandwidth' measurement results: Occupied Bandwidth 4.4876 MHz, Occ BW % Pwr 99.00 %, x dB -26.00 dB. Below this, it shows Transmit Freq Error 4.738 kHz and x dB Bandwidth 4.925 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'.

11.7. LTE Occupied Bandwidth_Part22-24-27(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	8.977	9.864	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 has a center frequency of 2.505 00 GHz and a span of 20 MHz. The resolution bandwidth (Res BW) is 200 kHz, and the video bandwidth (VBW) is 620 kHz. The sweep time is 1 s (500 pts). The plot shows a signal with a peak at approximately 2.505 GHz. The occupied bandwidth is highlighted with a green box, showing a value of 8.9769 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. The transmit frequency error is 7.824 kHz, and the XdB bandwidth is 9.864 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'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9769 MHz	x dB	-26.00 dB
Transmit Freq Error	7.824 kHz	
x dB Bandwidth	9.864 MHz	

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11.8. LTE Occupied Bandwidth_Part22-24-27(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	8.968	9.72	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 has a grid and is labeled with 'Ref 30 dBm', '#Atten 30 dB', '#Peak', 'Log', '10 dB/Offst', and '11.5 dB'. Below the plot, the following parameters are listed: '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 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 8.9679 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, it shows 'Transmit Freq Error 6.520 kHz' and 'x dB Bandwidth 9.720 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_Part22-24-27(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	8.954	9.732	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.535 GHz' and 'Trig Free'. The 'Occupied Bandwidth' measurement is active, with 'Averages: 2'. The main display shows a spectrum plot with a yellow trace. The plot parameters are: 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). A green box highlights the measurement results: Occupied Bandwidth 8.9535 MHz, Occ BW % Pwr 99.00 %, x dB -26.00 dB, Transmit Freq Error -59.864 Hz, and x dB Bandwidth 9.732 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'.

11.10. LTE Occupied Bandwidth_Part22-24-27(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	8.957	9.716	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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9567 MHz x dB -26.00 dB

Transmit Freq Error 1.233 kHz

x dB Bandwidth 9.716 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

11.11. LTE Occupied Bandwidth_Part22-24-27(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	8.972	9.776	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 %

8.9724 MHz

x dB -26.00 dB

Transmit Freq Error -10.334 kHz

x dB Bandwidth 9.776 MHz

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11.12. LTE Occupied Bandwidth_Part22-24-27(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	8.979	9.821	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 %

8.9789 MHz

x dB -26.00 dB

Transmit Freq Error -11.568 kHz

x dB Bandwidth 9.821 MHz

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11.13. LTE Occupied Bandwidth_Part22-24-27(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	13.451	14.656	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
11.5

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 %

13.4507 MHz
x dB -26.00 dB

Transmit Freq Error 10.076 kHz

x dB Bandwidth 14.656 MHz

Power Stat
More

CCDF
1 of 2

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11.14. LTE Occupied Bandwidth_Part22-24-27(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	13.434	14.602	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.5075 GHz' and 'Trig Free'. The 'Occupied Bandwidth' measurement is active, with 'Averages: 2'. The main display shows a spectrum plot with a yellow trace. The plot parameters are: 'Ref 30 dBm', '#Atten 30 dB', 'Log 10', 'dB/Offst 11.5 dB', 'Center 2.507 50 GHz', 'Span 30 MHz', '#Res BW 300 kHz', '#VBW 1 MHz', and '#Sweep 1 s (500 pts)'. A green box highlights the measurement results:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4339 MHz	x dB	-26.00 dB
Transmit Freq Error		11.115 kHz
x dB Bandwidth		14.602 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'.

11.15. LTE Occupied Bandwidth_Part22-24-27(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	13.414	14.619	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)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.4138 MHz	x dB -26.00 dB
Transmit Freq Error -4.837 kHz	
x dB Bandwidth 14.619 MHz	

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

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11.16. LTE Occupied Bandwidth_Part22-24-27(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	14.63	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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4355 MHz	x dB	-26.00 dB
Transmit Freq Error	3.090 kHz	
x dB Bandwidth	14.630 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

11.17. LTE Occupied Bandwidth_Part22-24-27(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	13.422	14.713	15	Pass

Agilent

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

Ch Freq 2.5625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 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 %

13.4223 MHz

x dB -26.00 dB

Transmit Freq Error -14.597 kHz

x dB Bandwidth 14.713 MHz

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11.18. LTE Occupied Bandwidth_Part22-24-27(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	13.468	14.615	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
11.8

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 %
13.4676 MHz	x dB	-26.00 dB
Transmit Freq Error	-6.912 kHz	
x dB Bandwidth	14.615 MHz	

Power Stat
CCDF

More
1 of 2

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11.19. LTE Occupied Bandwidth_Part22-24-27(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	17.922	19.301	20	Pass

Agilent
Measure

Ch Freq 2.51 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.4

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 %
17.9215 MHz	x dB	-26.00 dB
Transmit Freq Error	10.308 kHz	
x dB Bandwidth	19.301 MHz	

Power Stat
CCDF

More
1 of 2

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11.20. LTE Occupied Bandwidth_Part22-24-27(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	17.908	19.323	20	Pass

Agilent
Measure

Ch Freq 2.51 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.4

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 %
17.9078 MHz	x dB	-26.00 dB
Transmit Freq Error	14.092 kHz	
x dB Bandwidth	19.323 MHz	

Power Stat
More

CCDF
1 of 2

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11.21. LTE Occupied Bandwidth_Part22-24-27(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	17.919	19.371	20	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 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9190 MHz	x dB	-26.00 dB
Transmit Freq Error	11.869 kHz	
x dB Bandwidth	19.371 MHz	

Power Stat CCDF
More 1 of 2

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11.22. LTE Occupied Bandwidth_Part22-24-27(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	17.916	19.385	20	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 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9160 MHz

x dB -26.00 dB

Transmit Freq Error -18.324 kHz

x dB Bandwidth 19.385 MHz

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11.23. LTE Occupied Bandwidth_Part22-24-27(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	17.916	19.382	20	Pass

Agilent
Measure

Ch Freq 2.56 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.7

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 %
17.9164 MHz	x dB -26.00 dB
Transmit Freq Error -14.777 kHz	
x dB Bandwidth 19.382 MHz	

Power Stat
CCDF

More
1 of 2

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11.24. LTE Occupied Bandwidth_Part22-24-27(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	17.916	19.35	20	Pass

Agilent

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

Ch Freq 2.56 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.560 00 GHz Span 40 MHz

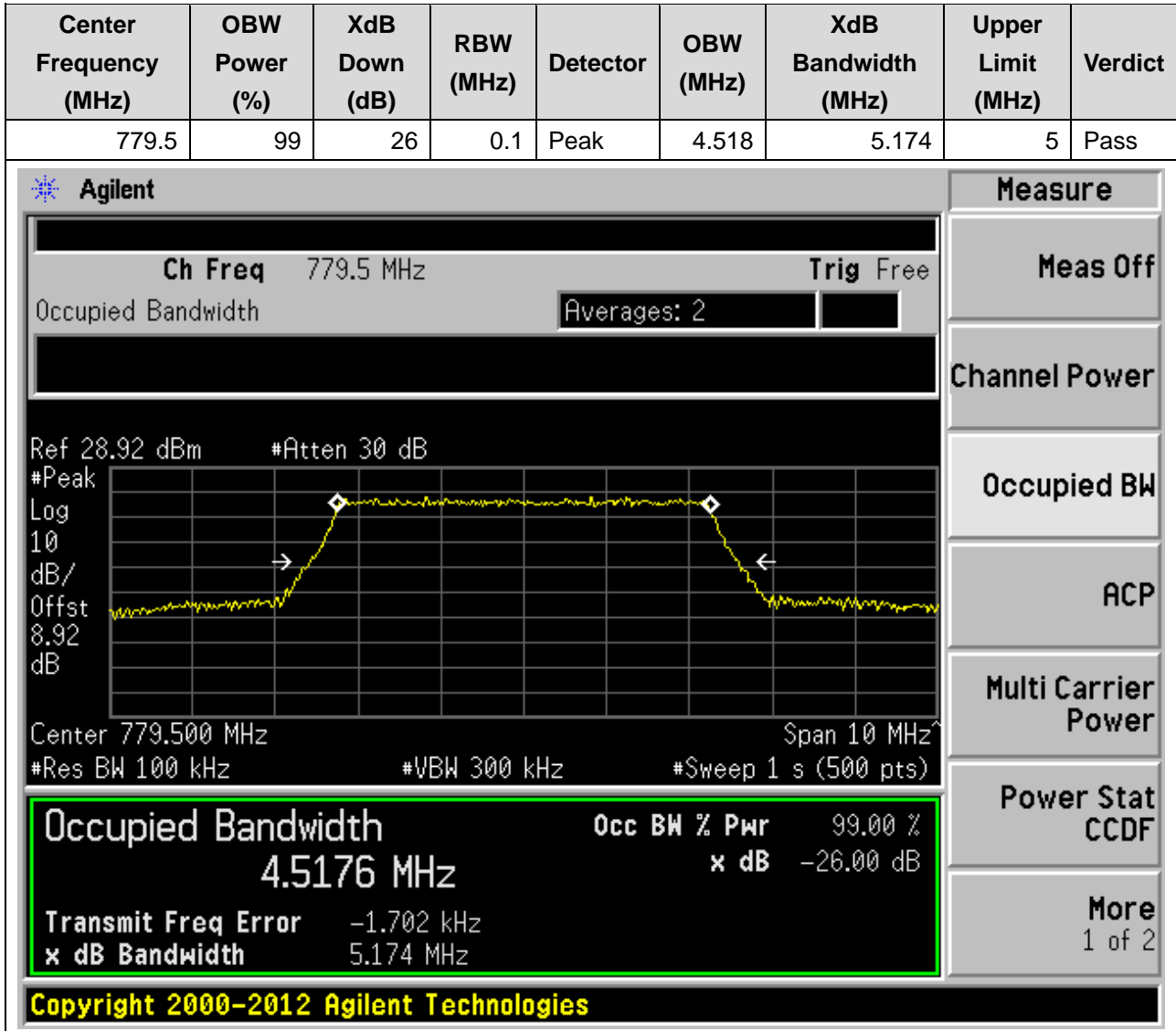
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9164 MHz	x dB	-26.00 dB
Transmit Freq Error		-6.617 kHz
x dB Bandwidth		19.350 MHz

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12. LTE_Band13

12.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



12.2. LTE Occupied Bandwidth_Part22-24-27(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	4.506	5.151	5	Pass

Agilent

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

Ch Freq 779.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.92 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 %

4.5061 MHz x dB -26.00 dB

Transmit Freq Error 59.338 Hz

x dB Bandwidth 5.151 MHz

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12.3. LTE Occupied Bandwidth_Part22-24-27(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	4.504	5.172	5	Pass

Agilent

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

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.92 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 %

4.5042 MHz

x dB -26.00 dB

Transmit Freq Error 1.537 kHz

x dB Bandwidth 5.172 MHz

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12.4. LTE Occupied Bandwidth_Part22-24-27(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	4.511	5.203	5	Pass

Agilent
Measure

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.92 dBm #Atten 30 dB

Center 782.000 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

4.5107 MHz

Transmit Freq Error -344.134 Hz

x dB Bandwidth 5.203 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.5. LTE Occupied Bandwidth_Part22-24-27(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	4.498	5.111	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 784.5 MHz' and 'Trig Free'. Below this, the 'Occupied Bandwidth' measurement is shown with 'Averages: 2'. The main display is a spectrum plot with a yellow trace. The plot shows a signal centered at 784.500 MHz with a span of 10 MHz. The plot includes a reference level of 28.92 dBm and an attenuation of 30 dB. The plot shows a signal with a peak level of 10 dB and an offset of 8.92 dB. The plot also shows the resolution bandwidth (Res BW) of 100 kHz, the video bandwidth (VBW) of 300 kHz, and a sweep time of 1 s (500 pts). The plot shows a signal with a peak level of 10 dB and an offset of 8.92 dB. The plot also shows the resolution bandwidth (Res BW) of 100 kHz, the video bandwidth (VBW) of 300 kHz, and a sweep time of 1 s (500 pts).

Measure

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

Occupied Bandwidth 4.4978 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.435 kHz

x dB Bandwidth 5.111 MHz

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12.6. LTE Occupied Bandwidth_Part22-24-27(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	4.511	5.151	5	Pass

Agilent
Measure

Ch Freq 784.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.92 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

4.5113 MHz

Transmit Freq Error 1.293 kHz

x dB Bandwidth 5.151 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.7. LTE Occupied Bandwidth_Part22-24-27(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	8.986	10.159	10	Pass

Agilent
Measure

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.92 dBm #Atten 30 dB

Center 782.00 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

8.9859 MHz

Transmit Freq Error 321.505 Hz

x dB Bandwidth 10.159 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12.8. LTE Occupied Bandwidth_Part22-24-27(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	8.982	10.011	10	Pass

Agilent

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

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.92 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.92 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 %

8.9824 MHz

x dB -26.00 dB

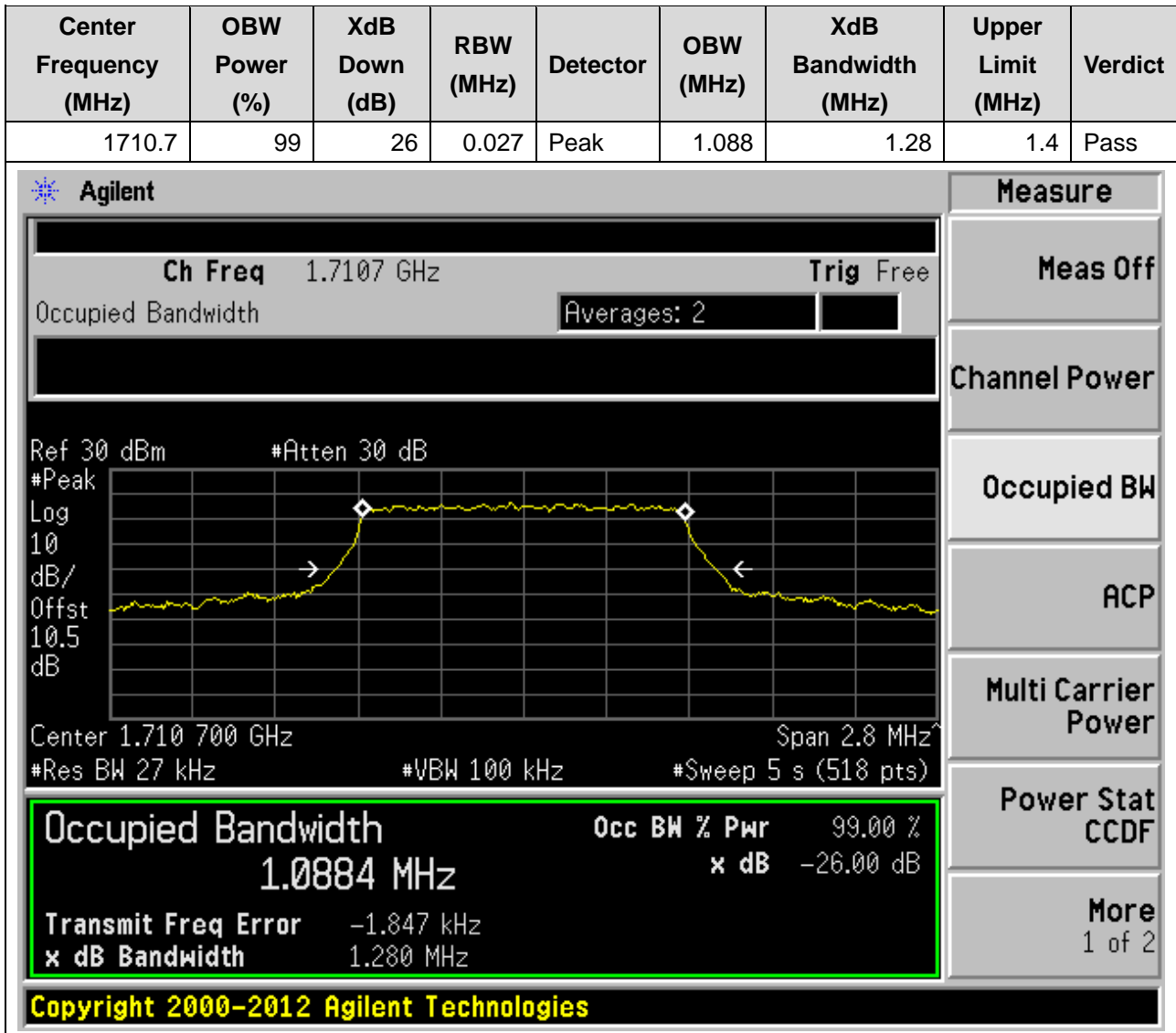
Transmit Freq Error 10.250 kHz

x dB Bandwidth 10.011 MHz

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13. LTE_Band66

13.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



13.2. LTE Occupied Bandwidth_Part22-24-27(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	1.093	1.308	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0926 MHz

x dB -26.00 dB

Transmit Freq Error -1.873 kHz

x dB Bandwidth 1.308 MHz

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13.3. LTE Occupied Bandwidth_Part22-24-27(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	1.296	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0903 MHz

x dB -26.00 dB

Transmit Freq Error 14.666 Hz

x dB Bandwidth 1.296 MHz

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13.4. LTE Occupied Bandwidth_Part22-24-27(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	1.088	1.277	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0878 MHz

x dB -26.00 dB

Transmit Freq Error -193.503 Hz

x dB Bandwidth 1.277 MHz

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13.5. LTE Occupied Bandwidth_Part22-24-27(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	1.096	1.286	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0961 MHz x dB -26.00 dB

Transmit Freq Error -1.565 kHz

x dB Bandwidth 1.286 MHz

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13.6. LTE Occupied Bandwidth_Part22-24-27(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	1.279	1.4	Pass

Agilent

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

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 5 s (518 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0909 MHz x dB -26.00 dB

Transmit Freq Error -310.130 Hz

x dB Bandwidth 1.279 MHz

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13.7. LTE Occupied Bandwidth_Part22-24-27(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	2.688	2.924	3	Pass

Agilent

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

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 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6877 MHz

x dB -26.00 dB

Transmit Freq Error 1.887 kHz

x dB Bandwidth 2.924 MHz

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13.8. LTE Occupied Bandwidth_Part22-24-27(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	2.686	2.934	3	Pass

Agilent

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

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.711 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6863 MHz	x dB	-26.00 dB
Transmit Freq Error		3.467 kHz
x dB Bandwidth		2.934 MHz

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13.9. LTE Occupied Bandwidth_Part22-24-27(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	2.697	2.932	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 5 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
2.6967 MHz	x dB -26.00 dB
Transmit Freq Error 5.597 kHz	
x dB Bandwidth 2.932 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

13.10. LTE Occupied Bandwidth_Part22-24-27(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	2.683	2.927	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 5 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6831 MHz	x dB	-26.00 dB
Transmit Freq Error		-4.225 kHz
x dB Bandwidth		2.927 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

13.11. LTE Occupied Bandwidth_Part22-24-27(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	2.695	2.934	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 10.6 dB

Center 1.778 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6946 MHz

x dB -26.00 dB

Transmit Freq Error 937.696 Hz

x dB Bandwidth 2.934 MHz

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13.12. LTE Occupied Bandwidth_Part22-24-27(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	2.679	2.933	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 10.6 dB

Center 1.778 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 5 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6788 MHz

x dB -26.00 dB

Transmit Freq Error -3.637 kHz

x dB Bandwidth 2.933 MHz

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13.13. LTE Occupied Bandwidth_Part22-24-27(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	4.507	4.959	5	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5070 MHz x dB -26.00 dB

Transmit Freq Error 1.182 kHz

x dB Bandwidth 4.959 MHz

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13.14. LTE Occupied Bandwidth_Part22-24-27(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	4.476	4.912	5	Pass

Agilent

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

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.712 500 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4758 MHz

x dB -26.00 dB

Transmit Freq Error -945.363 Hz

x dB Bandwidth 4.912 MHz

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13.15. LTE Occupied Bandwidth_Part22-24-27(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	4.496	4.947	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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4956 MHz	x dB	-26.00 dB
Transmit Freq Error	-303.979 Hz	
x dB Bandwidth	4.947 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

13.16. LTE Occupied Bandwidth_Part22-24-27(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	4.495	4.937	5	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4952 MHz	x dB	-26.00 dB
Transmit Freq Error	1.907 kHz	
x dB Bandwidth	4.937 MHz	

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13.17. LTE Occupied Bandwidth_Part22-24-27(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	4.484	4.908	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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4839 MHz	x dB	-26.00 dB
Transmit Freq Error	1.683 kHz	
x dB Bandwidth	4.908 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

13.18. LTE Occupied Bandwidth_Part22-24-27(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	4.491	4.957	5	Pass

Agilent

Measure

Ch Freq 1.7775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.6

dB

Center 1.777 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4912 MHz	x dB	-26.00 dB
Transmit Freq Error	470.158 Hz	
x dB Bandwidth	4.957 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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13.19. LTE Occupied Bandwidth_Part22-24-27(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	8.981	9.862	10	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9813 MHz x dB -26.00 dB

Transmit Freq Error 6.385 kHz

x dB Bandwidth 9.862 MHz

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13.20. LTE Occupied Bandwidth_Part22-24-27(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	8.978	9.764	10	Pass

Agilent

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

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 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9778 MHz x dB -26.00 dB

Transmit Freq Error 15.408 kHz

x dB Bandwidth 9.764 MHz

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13.21. LTE Occupied Bandwidth_Part22-24-27(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	8.954	9.74	10	Pass

Agilent

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

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 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9540 MHz x dB -26.00 dB

Transmit Freq Error -467.115 Hz

x dB Bandwidth 9.740 MHz

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13.22. LTE Occupied Bandwidth_Part22-24-27(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	8.976	9.801	10	Pass

Agilent

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

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 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9757 MHz

x dB -26.00 dB

Transmit Freq Error 13.778 kHz

x dB Bandwidth 9.801 MHz

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13.23. LTE Occupied Bandwidth_Part22-24-27(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	8.972	9.79	10	Pass

Agilent

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

Ch Freq 1.775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.775 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9724 MHz x dB -26.00 dB

Transmit Freq Error -12.260 kHz

x dB Bandwidth 9.790 MHz

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13.24. LTE Occupied Bandwidth_Part22-24-27(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	8.955	9.816	10	Pass

Agilent

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

Ch Freq 1.775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.775 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9549 MHz x dB -26.00 dB

Transmit Freq Error -8.649 kHz

x dB Bandwidth 9.816 MHz

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13.25. LTE Occupied Bandwidth_Part22-24-27(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	13.466	14.801	15	Pass

Agilent
Measure

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.717 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4659 MHz

Transmit Freq Error 2.323 kHz

x dB Bandwidth 14.801 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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13.26. LTE Occupied Bandwidth_Part22-24-27(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	13.481	14.703	15	Pass

Agilent

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

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.717 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4806 MHz x dB -26.00 dB

Transmit Freq Error 16.639 kHz

x dB Bandwidth 14.703 MHz

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13.27. LTE Occupied Bandwidth_Part22-24-27(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	13.421	14.649	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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4209 MHz	x dB	-26.00 dB
Transmit Freq Error	6.782 kHz	
x dB Bandwidth	14.649 MHz	

Power Stat CCDF

More 1 of 2

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13.28. LTE Occupied Bandwidth_Part22-24-27(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	13.422	14.641	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 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4221 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.511 kHz	
x dB Bandwidth	14.641 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

13.29. LTE Occupied Bandwidth_Part22-24-27(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	13.436	14.746	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
10.6

dB

Center 1.772 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4361 MHz	x dB	-26.00 dB
Transmit Freq Error		-4.007 kHz
x dB Bandwidth		14.746 MHz

Power Stat
CCDF

More
1 of 2

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13.30. LTE Occupied Bandwidth_Part22-24-27(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	13.439	14.702	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 10.6 dB

Center 1.772 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4389 MHz

Transmit Freq Error -11.193 kHz

x dB Bandwidth 14.702 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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13.31. LTE Occupied Bandwidth_Part22-24-27(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	17.94	19.356	20	Pass

Agilent

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

Ch Freq 1.72 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.720 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9405 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.186 kHz	
x dB Bandwidth	19.356 MHz	

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13.32. LTE Occupied Bandwidth_Part22-24-27(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	17.947	19.467	20	Pass

Agilent

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

Ch Freq 1.72 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.720 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9469 MHz

x dB -26.00 dB

Transmit Freq Error 34.461 kHz

x dB Bandwidth 19.467 MHz

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13.33. LTE Occupied Bandwidth_Part22-24-27(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	17.92	19.392	20	Pass

Agilent

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

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 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9199 MHz

x dB -26.00 dB

Transmit Freq Error 40.860 kHz

x dB Bandwidth 19.392 MHz

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13.34. LTE Occupied Bandwidth_Part22-24-27(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	17.926	19.561	20	Pass

Agilent

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

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 5 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9264 MHz	x dB	-26.00 dB
Transmit Freq Error	2.444 kHz	
x dB Bandwidth	19.561 MHz	

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13.35. LTE Occupied Bandwidth_Part22-24-27(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	17.94	19.606	20	Pass

Agilent

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

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 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9399 MHz x dB -26.00 dB

Transmit Freq Error -31.835 kHz

x dB Bandwidth 19.606 MHz

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13.36. LTE Occupied Bandwidth_Part22-24-27(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	17.931	19.457	20	Pass

Agilent

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

Ch Freq 1.77 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.770 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9310 MHz x dB -26.00 dB

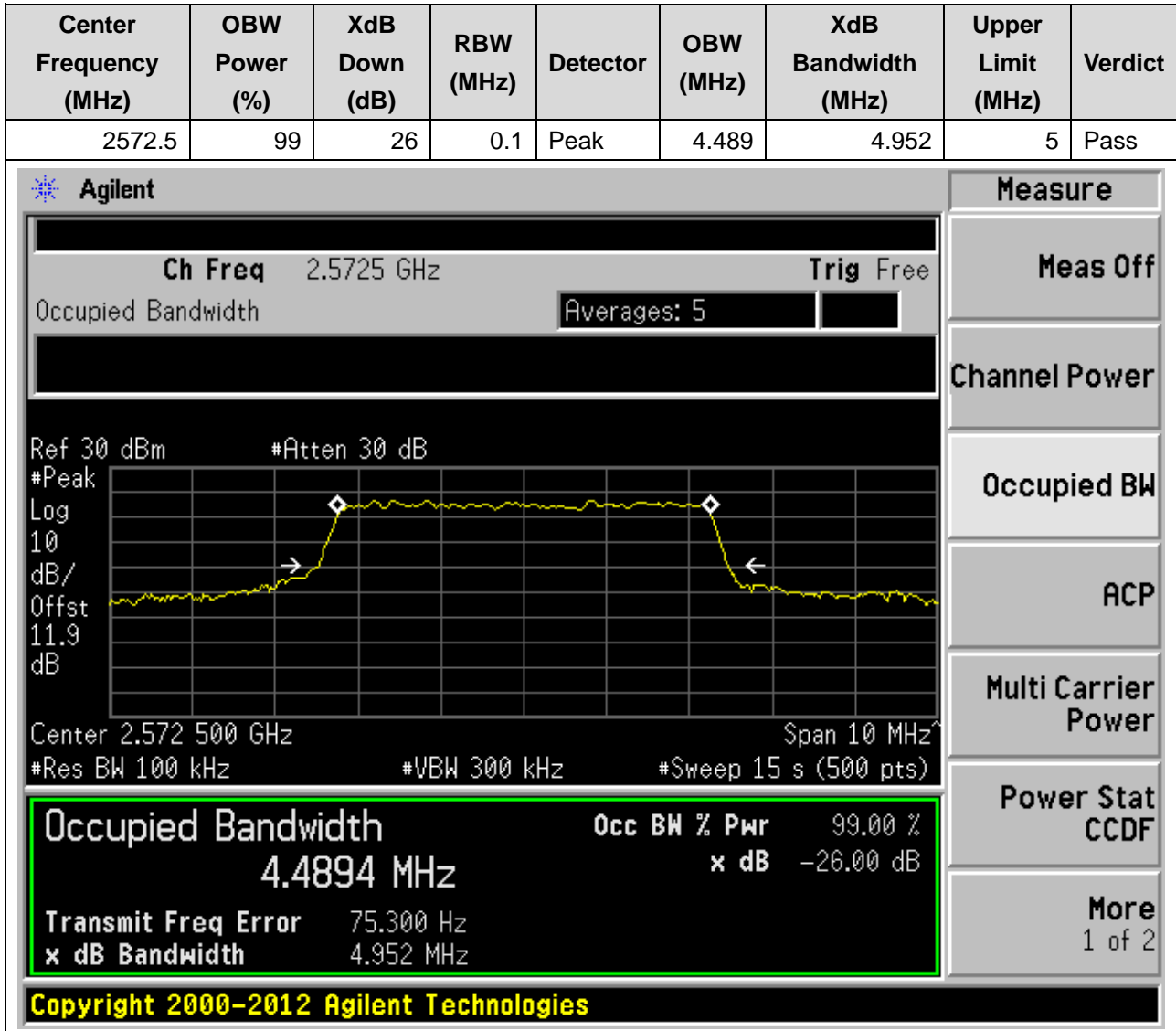
Transmit Freq Error 11.628 kHz

x dB Bandwidth 19.457 MHz

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14. LTE_Band38

14.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:37775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



14.2. LTE Occupied Bandwidth_Part22-24-27(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	4.494	4.976	5	Pass

Agilent
Measure

Ch Freq 2.5725 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.9 dB

Center 2.572 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4936 MHz	x dB -26.00 dB
Transmit Freq Error	-466.353 Hz
x dB Bandwidth	4.976 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

14.3. LTE Occupied Bandwidth_Part22-24-27(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	4.509	5.009	5	Pass

Agilent
Measure

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 5

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 15 s (500 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.5092 MHz
x dB -26.00 dB

Transmit Freq Error -1.842 kHz

x dB Bandwidth 5.009 MHz

Power Stat
CCDF

More
1 of 2

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14.4. LTE Occupied Bandwidth_Part22-24-27(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	4.487	4.977	5	Pass

Agilent
Measure

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 5

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 15 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4871 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.679 kHz	
x dB Bandwidth	4.977 MHz	

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14.5. LTE Occupied Bandwidth_Part22-24-27(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	4.495	4.977	5	Pass

Agilent
Measure

Ch Freq 2.6175 GHz
Trig Free

Occupied Bandwidth
Averages: 5

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.6

dB

Center 2.617 500 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4949 MHz	x dB	-26.00 dB
Transmit Freq Error	2.835 kHz	
x dB Bandwidth	4.977 MHz	

Power Stat
CCDF

More
1 of 2

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14.6. LTE Occupied Bandwidth_Part22-24-27(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	4.493	4.954	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.6175 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale, 'dB/Offst' mode, with a reference level of 30 dBm and an attenuation of 30 dB. The center frequency is 2.6175 GHz and the span is 10 MHz. The resolution bandwidth (Res BW) is 100 kHz, the video bandwidth (VBW) is 300 kHz, and the sweep time is 15 s (500 pts). A green box highlights the measurement results: Occupied Bandwidth is 4.4928 MHz, Occ BW % Pwr is 99.00%, and x dB is -26.00 dB. Other parameters shown include Transmit Freq Error (915.899 Hz) and x dB Bandwidth (4.954 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 footer of the screenshot reads 'Copyright 2000-2012 Agilent Technologies'.

14.7. LTE Occupied Bandwidth_Part22-24-27(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	8.987	10.151	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: 5

Ref 30 dBm #Atten 30 dB

Center 2.575 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9872 MHz

x dB -26.00 dB

Transmit Freq Error 14.895 kHz

x dB Bandwidth 10.151 MHz

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14.8. LTE Occupied Bandwidth_Part22-24-27(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	8.991	9.953	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: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.8 dB

Center 2.575 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9912 MHz	x dB	-26.00 dB
Transmit Freq Error	6.053 kHz	
x dB Bandwidth	9.953 MHz	

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14.9. LTE Occupied Bandwidth_Part22-24-27(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	10.083	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.595 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 8.9962 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -8.388 kHz, and the XdB bandwidth is 10.083 MHz. The interface includes various control buttons on the right side, such as 'Measure', 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9962 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.388 kHz	
x dB Bandwidth	10.083 MHz	

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14.10. LTE Occupied Bandwidth_Part22-24-27(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	8.96	9.902	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: 5

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 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9599 MHz	x dB	-26.00 dB
Transmit Freq Error		-13.381 kHz
x dB Bandwidth		9.902 MHz

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14.11. LTE Occupied Bandwidth_Part22-24-27(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	9.013	10.52	10	Pass

Agilent

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

Ch Freq 2.615 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.615 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

9.0126 MHz

x dB -26.00 dB

Transmit Freq Error -13.212 kHz

x dB Bandwidth 10.520 MHz

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14.12. LTE Occupied Bandwidth_Part22-24-27(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	8.998	10.87	10	Pass

Agilent

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

Ch Freq 2.615 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.615 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9978 MHz x dB -26.00 dB

Transmit Freq Error -321.290 Hz

x dB Bandwidth 10.870 MHz

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14.13. LTE Occupied Bandwidth_Part22-24-27(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	13.491	14.833	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: 5

Ref 30 dBm #Atten 30 dB

Center 2.577 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4906 MHz	x dB	-26.00 dB
Transmit Freq Error		5.375 kHz
x dB Bandwidth		14.833 MHz

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14.14. LTE Occupied Bandwidth_Part22-24-27(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	13.479	15.151	15	Pass

Agilent
Measure

Ch Freq 2.5775 GHz
Trig Free

Occupied Bandwidth
Averages: 5

Ref 30 dBm #Atten 30 dB

Center 2.577 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.4787 MHz	x dB -26.00 dB
Transmit Freq Error 1.954 kHz	
x dB Bandwidth 15.151 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

14.15. LTE Occupied Bandwidth_Part22-24-27(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	13.455	14.902	15	Pass

Agilent

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

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4553 MHz x dB -26.00 dB

Transmit Freq Error -8.309 kHz

x dB Bandwidth 14.902 MHz

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14.16. LTE Occupied Bandwidth_Part22-24-27(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	13.528	15.078	15	Pass

Agilent
Measure

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 5

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 15 s (500 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

13.5275 MHz
x dB -26.00 dB

Transmit Freq Error -1.738 kHz

x dB Bandwidth 15.078 MHz

Power Stat
CCDF

More
1 of 2

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14.17. LTE Occupied Bandwidth_Part22-24-27(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	13.431	14.944	15	Pass

Agilent

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

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.612 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4310 MHz

x dB -26.00 dB

Transmit Freq Error -8.857 kHz

x dB Bandwidth 14.944 MHz

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14.18. LTE Occupied Bandwidth_Part22-24-27(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	13.52	16.034	15	Pass

Agilent

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

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.612 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.5205 MHz x dB -26.00 dB

Transmit Freq Error -16.361 kHz

x dB Bandwidth 16.034 MHz

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14.19. LTE Occupied Bandwidth_Part22-24-27(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	17.97	19.503	20	Pass

Agilent

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

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

Center 2.580 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 15 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9701 MHz	x dB	-26.00 dB
Transmit Freq Error		-25.267 kHz
x dB Bandwidth		19.503 MHz

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14.20. LTE Occupied Bandwidth_Part22-24-27(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	17.911	19.442	20	Pass

Agilent
Measure

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 5

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.580 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 15 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9107 MHz x dB -26.00 dB

Transmit Freq Error -23.083 kHz

x dB Bandwidth 19.442 MHz

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14.21. LTE Occupied Bandwidth_Part22-24-27(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	17.926	19.675	20	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: 5

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 15 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9262 MHz x dB -26.00 dB

Transmit Freq Error -10.021 kHz

x dB Bandwidth 19.675 MHz

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14.22. LTE Occupied Bandwidth_Part22-24-27(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	17.967	20.797	20	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 5

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 15 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9673 MHz	x dB	-26.00 dB
Transmit Freq Error		-31.289 kHz
x dB Bandwidth		20.797 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

14.23. LTE Occupied Bandwidth_Part22-24-27(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	17.972	20.04	20	Pass

Agilent
Measure

Ch Freq 2.61 GHz
Trig Free

Occupied Bandwidth
Averages: 5

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.6

dB

Center 2.610 00 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 15 s (512 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

17.9721 MHz
x dB -26.00 dB

Transmit Freq Error -25.608 kHz

x dB Bandwidth 20.040 MHz

Power Stat
CCDF

More
1 of 2

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14.24. LTE Occupied Bandwidth_Part22-24-27(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	17.926	19.562	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: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.610 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 15 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9259 MHz x dB -26.00 dB

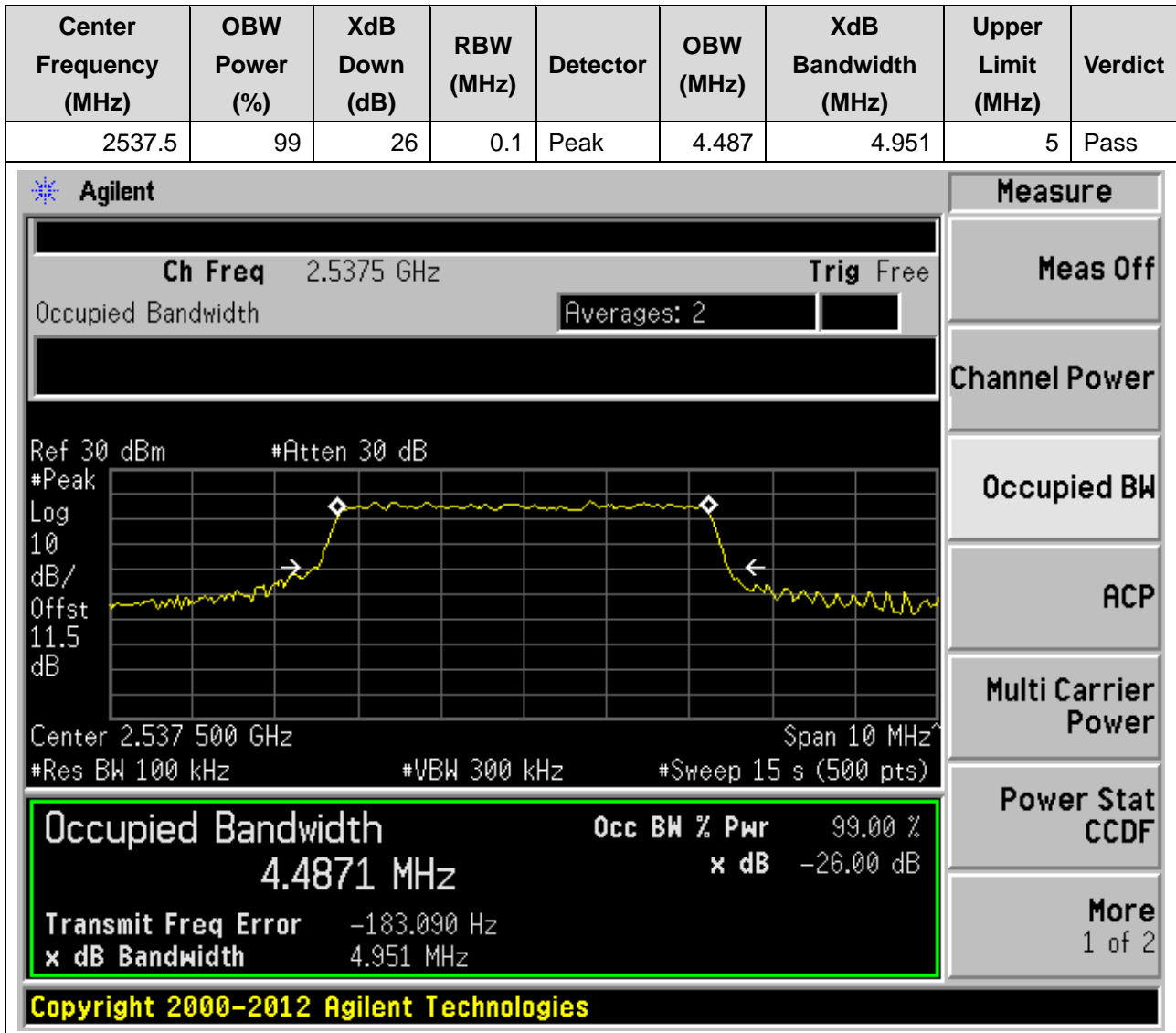
Transmit Freq Error -10.272 kHz

x dB Bandwidth 19.562 MHz

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15. LTE_Band41 120M

15.1. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:40065, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



15.2. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2, Channel:40065, 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
2537.5	99	26	0.1	Peak	4.492	4.934	5	Pass

Agilent

Measure

Ch Freq 2.5375 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
 Log
 10
 dB/
 Offst
 11.5
 dB

Center 2.537 500 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4918 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.904 kHz	
x dB Bandwidth	4.934 MHz	

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

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15.3. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3, Channel:40640, 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	4.503	4.92	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 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5030 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.138 kHz	
x dB Bandwidth	4.920 MHz	

Power Stat
CCDF
More
1 of 2

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15.4. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4, Channel:40640, 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	4.486	4.978	5	Pass

Agilent
Measure

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 000 GHz Span 10 MHz
 #Res BW 100 kHz #VBW 300 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.4862 MHz	x dB -26.00 dB
Transmit Freq Error -2.347 kHz	
x dB Bandwidth 4.978 MHz	

Power Stat CCDF
More 1 of 2

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15.5. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5, Channel:41215, 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
2652.5	99	26	0.1	Peak	4.492	4.96	5	Pass

Agilent
Measure

Ch Freq 2.6525 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.7

dB

Center 2.652 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth

4.4920 MHz

Transmit Freq Error 3.158 kHz

x dB Bandwidth 4.960 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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15.6. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6, Channel:41215, 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
2652.5	99	26	0.1	Peak	4.487	4.951	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.6525 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 11.7 dB', 'Center 2.652 500 GHz', 'Span 10 MHz', '#Res BW 100 kHz', '#VBW 300 kHz', and '#Sweep 15 s (500 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 4.4868 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, it shows 'Transmit Freq Error 2.905 kHz' and 'x dB Bandwidth 4.951 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'.

15.7. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7, Channel:40090, 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
2540	99	26	0.2	Peak	8.984	10.363	10	Pass

Agilent

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

Ch Freq 2.54 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.540 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9840 MHz	x dB	-26.00 dB
Transmit Freq Error	16.858 kHz	
x dB Bandwidth	10.363 MHz	

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15.8. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8, Channel:40090, 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
2540	99	26	0.2	Peak	8.988	9.882	10	Pass

Agilent
Measure

Ch Freq 2.54 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.540 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

8.9884 MHz

Transmit Freq Error 7.438 kHz

x dB Bandwidth 9.882 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.9. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9, Channel:40640, 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	8.979	9.892	10	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 20 MHz
 #Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9793 MHz	x dB -26.00 dB
Transmit Freq Error	-9.254 kHz
x dB Bandwidth	9.892 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

15.10. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10, Channel:40640, 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	8.964	10.008	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

Center 2.595 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9639 MHz

x dB -26.00 dB

Transmit Freq Error -12.244 kHz

x dB Bandwidth 10.008 MHz

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15.11. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11, Channel:41190, 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
2650	99	26	0.2	Peak	9.003	10.256	10	Pass

Agilent

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

Ch Freq 2.65 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.650 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

9.0035 MHz x dB -26.00 dB

Transmit Freq Error -11.738 kHz

x dB Bandwidth 10.256 MHz

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15.12. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12, Channel:41190, 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
2650	99	26	0.2	Peak	8.978	10.47	10	Pass

Agilent
Measure

Ch Freq 2.65 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.650 00 GHz Span 20 MHz
 #Res BW 200 kHz #VBW 620 kHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9778 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.001 kHz	
x dB Bandwidth	10.470 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

15.13. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13, Channel:40115, 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
2542.5	99	26	0.3	Peak	13.49	14.953	15	Pass

Agilent
Measure

Ch Freq 2.5425 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.542 50 GHz
Span 30 MHz

#Res BW 300 kHz
#VBW 1 MHz
#Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4904 MHz	x dB	-26.00 dB
Transmit Freq Error	14.861 kHz	
x dB Bandwidth	14.953 MHz	

Power Stat
CCDF

More
1 of 2

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15.14. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14, Channel:40115, 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
2542.5	99	26	0.3	Peak	13.493	15.827	15	Pass

Agilent
Measure

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.542 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

13.4926 MHz

Transmit Freq Error 10.350 kHz

x dB Bandwidth 15.827 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.15. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15, Channel:40640, 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	13.449	14.906	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.595 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 11.7 dB', 'Center 2.595 00 GHz', 'Span 30 MHz', '#Res BW 300 kHz', '#VBW 1 MHz', and '#Sweep 15 s (500 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 13.4491 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, it shows 'Transmit Freq Error -3.664 kHz' and 'x dB Bandwidth 14.906 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'.

15.16. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16, Channel:40640, 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	13.521	14.851	15	Pass

Agilent

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

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.595 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.5208 MHz x dB -26.00 dB

Transmit Freq Error 1.327 kHz

x dB Bandwidth 14.851 MHz

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15.17. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:17, Channel:41165, 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
2647.5	99	26	0.3	Peak	13.432	14.884	15	Pass

Agilent

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

Ch Freq 2.6475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.647 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4318 MHz	x dB	-26.00 dB
Transmit Freq Error	2.084 kHz	
x dB Bandwidth	14.884 MHz	

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15.18. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:18, Channel:41165, 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
2647.5	99	26	0.3	Peak	13.509	15.388	15	Pass

Agilent

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

Ch Freq 2.6475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.647 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 15 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5093 MHz	x dB	-26.00 dB
Transmit Freq Error	-9.161 kHz	
x dB Bandwidth	15.388 MHz	

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15.19. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:19, Channel:40140, 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
2545	99	26	0.39	Peak	17.978	19.455	20	Pass

Agilent

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

Ch Freq 2.545 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.545 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 15 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9783 MHz	x dB	-26.00 dB
Transmit Freq Error	7.583 kHz	
x dB Bandwidth	19.455 MHz	

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15.20. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:20, Channel:40140, 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
2545	99	26	0.39	Peak	17.94	19.44	20	Pass

Agilent
Measure

Ch Freq 2.545 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.545 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 15 s (512 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

17.9396 MHz

Transmit Freq Error 5.892 kHz

x dB Bandwidth 19.440 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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15.21. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:21, Channel:40640, 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	17.912	19.358	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 15 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9123 MHz	x dB -26.00 dB
Transmit Freq Error -13.998 kHz	
x dB Bandwidth 19.358 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

15.22. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:22, Channel:40640, 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	17.956	20.801	20	Pass

Agilent

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 15 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9565 MHz	x dB	-26.00 dB
Transmit Freq Error		-36.046 kHz
x dB Bandwidth		20.801 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

15.23. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:23, Channel:41140, 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
2645	99	26	0.39	Peak	17.957	19.676	20	Pass

Agilent

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

Ch Freq 2.645 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.645 00 GHz Span 40 MHz

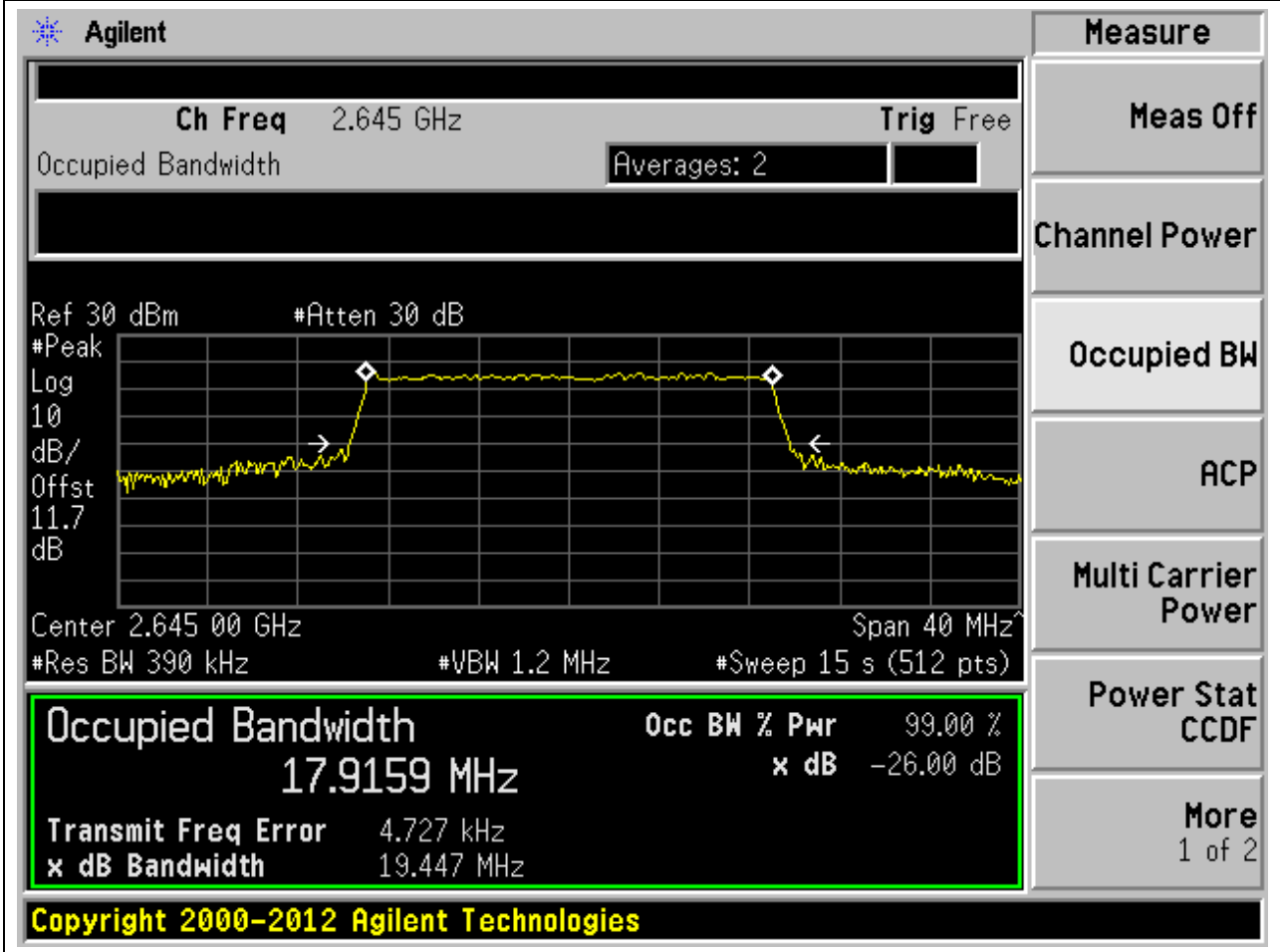
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 15 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9571 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.527 kHz	
x dB Bandwidth	19.676 MHz	

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15.24. LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:24, Channel:41140, 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
2645	99	26	0.39	Peak	17.916	19.447	20	Pass



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