

A.3 Occupied Bandwidth

1. GSM_GSM850

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.246	0.311	0.3	Pass

Agilent
Freq/Channel

Ch Freq 824.2 MHz
Trig Free

Occupied Bandwidth
Averages: 8

Ref 30 dBm #Atten 40 dB

Center 824.200 0 MHz Span 2 MHz

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

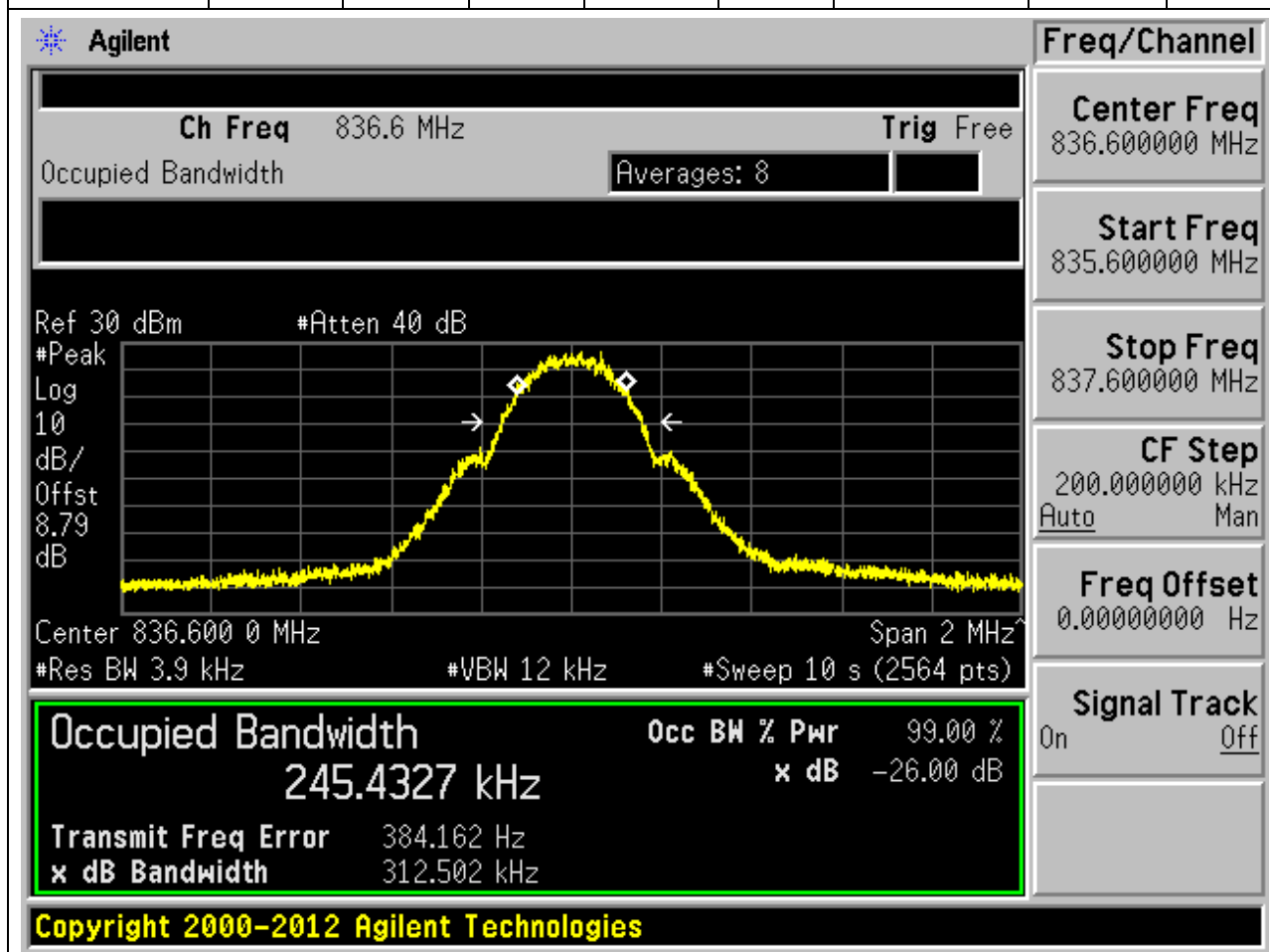
Occupied Bandwidth	Occ BW % Pwr 99.00 %
245.7819 kHz	x dB -26.00 dB
Transmit Freq Error 1.043 kHz	
x dB Bandwidth 311.360 kHz	

Signal Track	<u>Off</u>
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1.2. GSM Occupied Bandwidth(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.245	0.313	0.3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.246	0.308	0.3	Pass

Agilent

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

Center 848.800 0 MHz Span 2 MHz

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

Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

246.2319 kHz x dB -26.00 dB

Transmit Freq Error -238.571 Hz

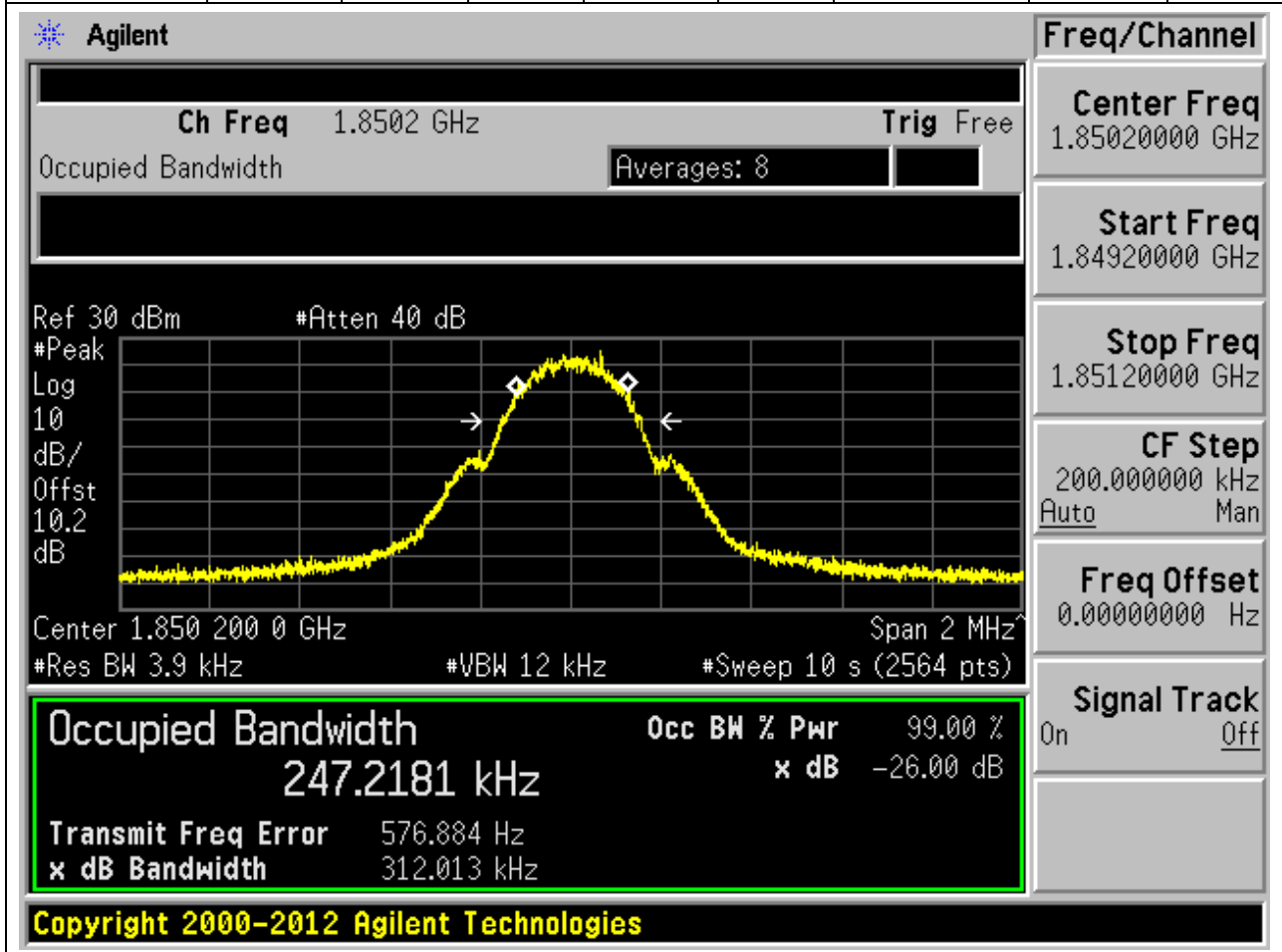
x dB Bandwidth 308.223 kHz

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2. GSM_PCS

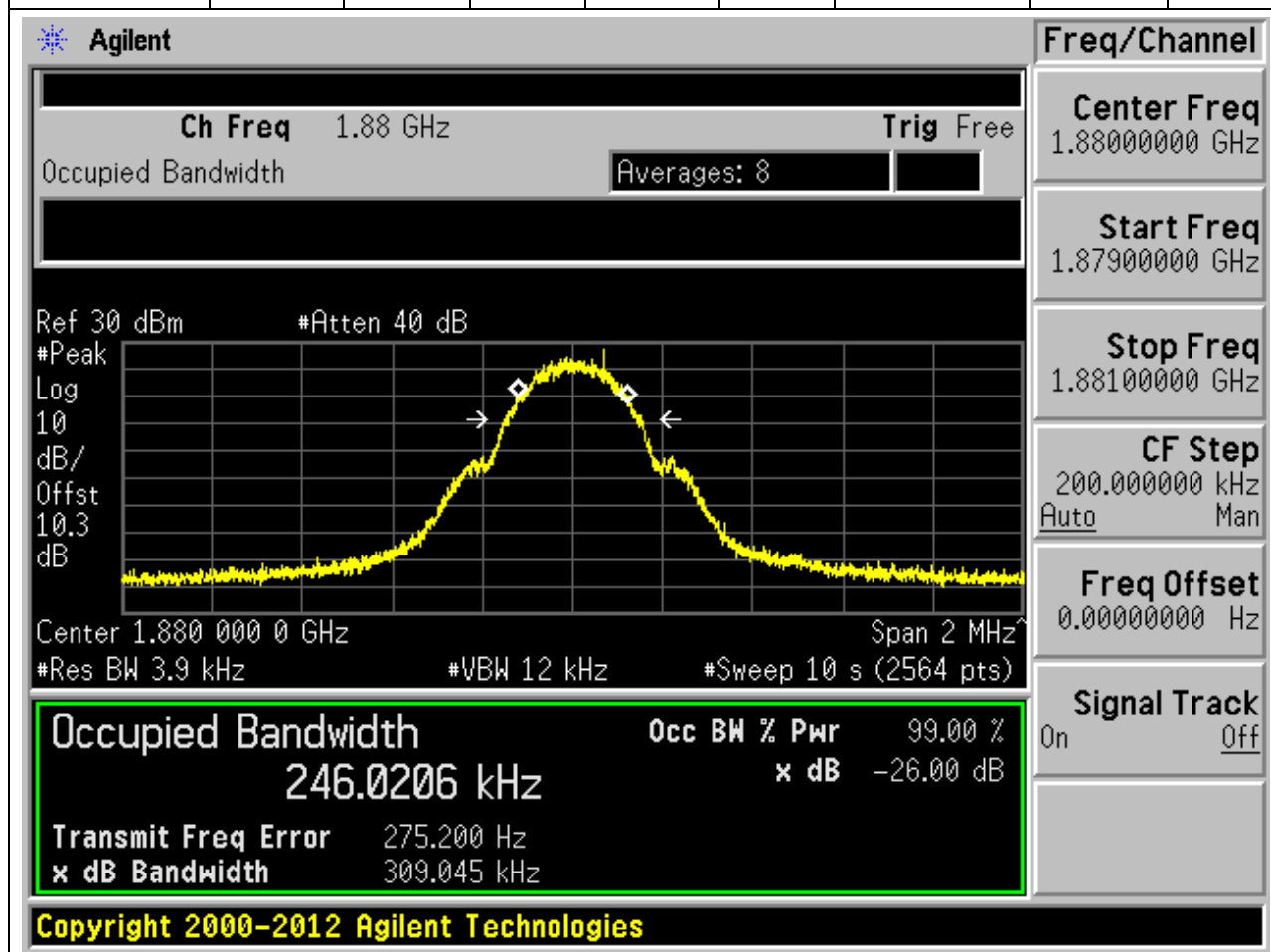
2.1. GSM Occupied Bandwidth(NTNV)(Channel:512)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.247	0.312	0.3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.246	0.309	0.3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.246	0.316	0.3	Pass

Agilent

Ch Freq 1.9098 GHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.909 800 0 GHz Span 2 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

245.8473 kHz x dB -26.00 dB

Transmit Freq Error 480.568 Hz

x dB Bandwidth 316.151 kHz

Freq/Channel

Center Freq 1.90980000 GHz

Start Freq 1.90880000 GHz

Stop Freq 1.91080000 GHz

CF Step 200.000000 kHz
Auto Man

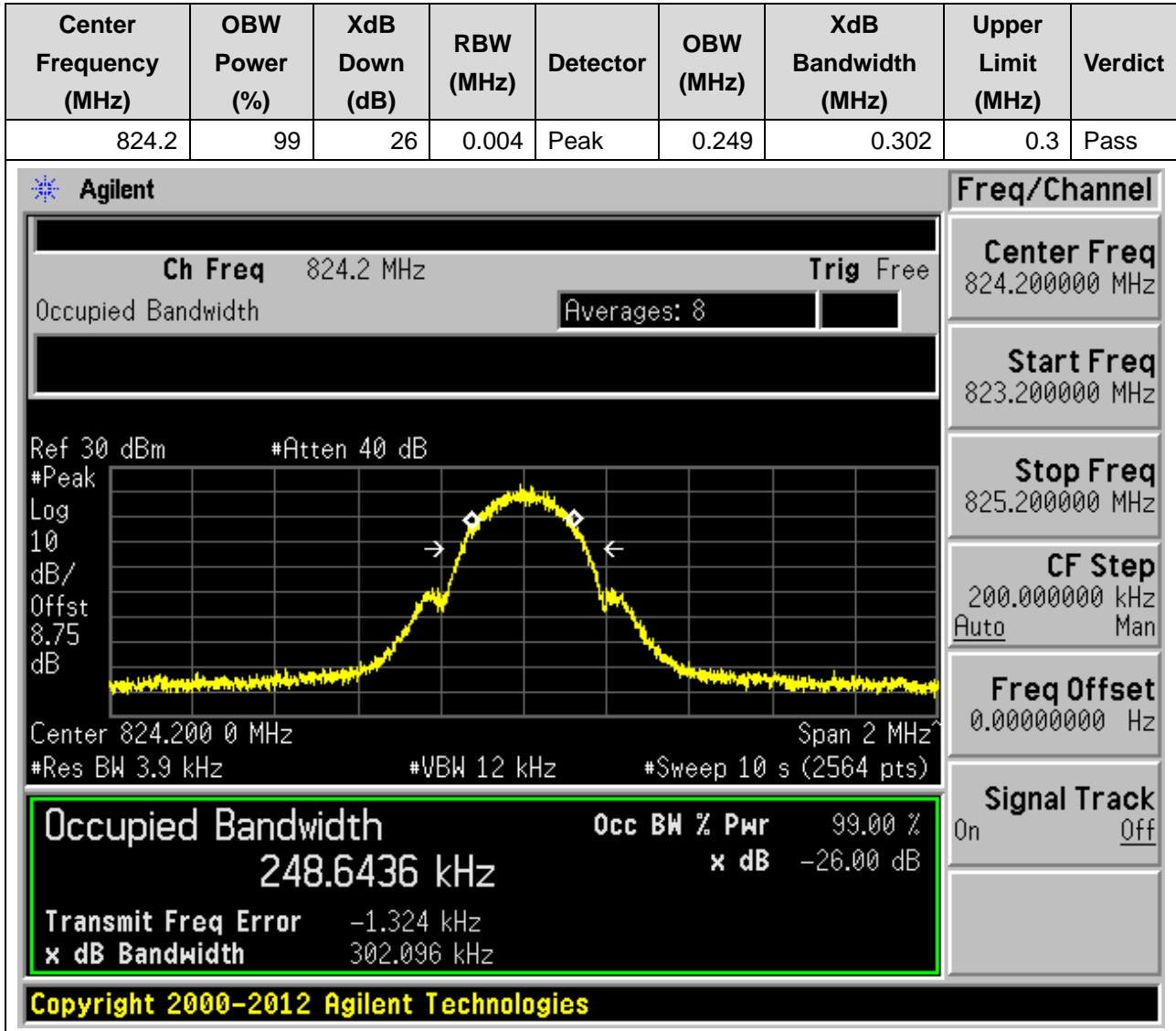
Freq Offset 0.00000000 Hz

Signal Track On Off

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3. EGPRS_GSM850

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.249	0.314	0.3	Pass

Agilent

Ch Freq 836.6 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 8.79 dB

Center 836.600 0 MHz Span 2 MHz

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

Freq/Channel

Center Freq 836.600000 MHz

Start Freq 835.600000 MHz

Stop Freq 837.600000 MHz

CF Step 200.000000 kHz
Auto Man

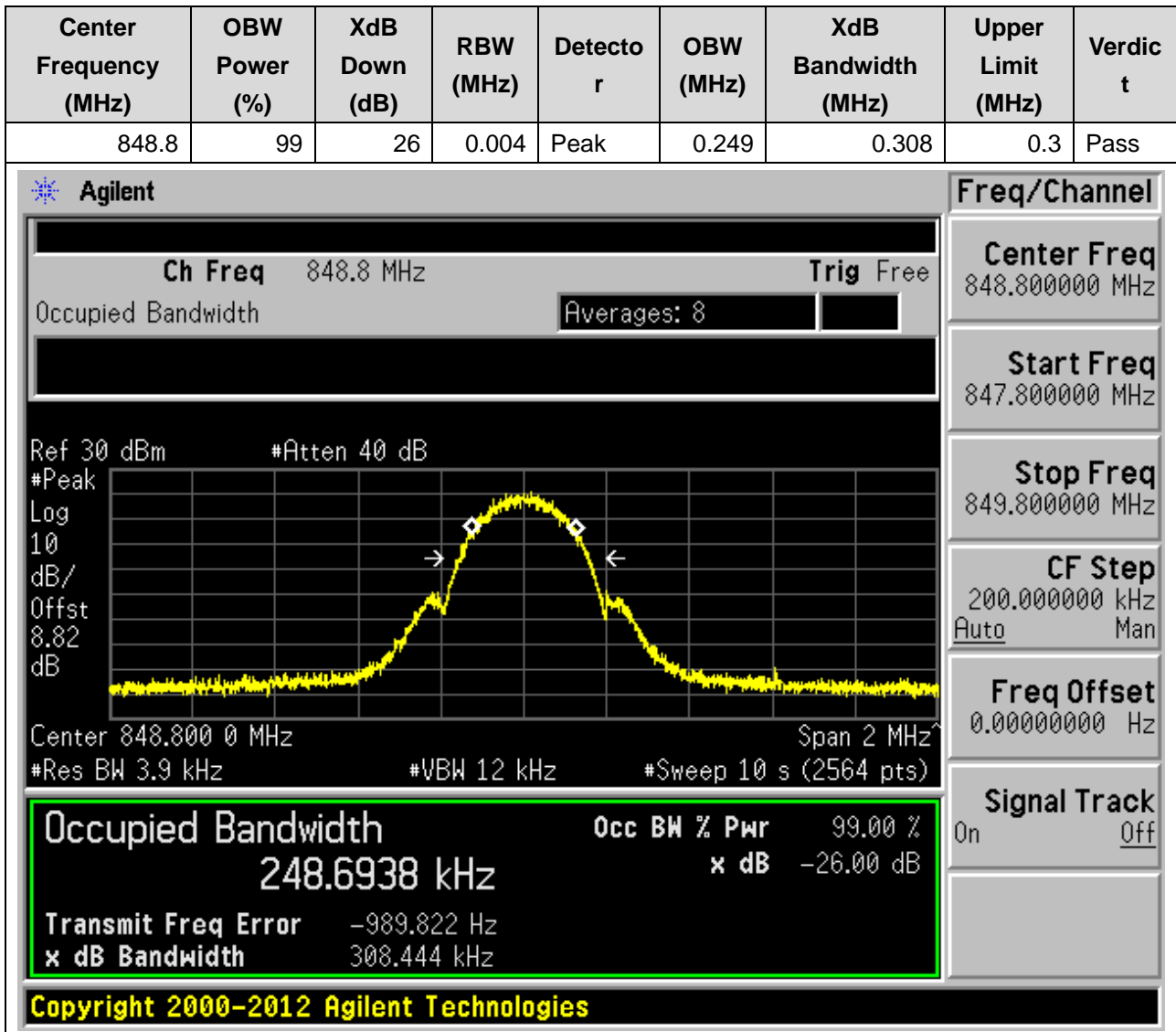
Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr 99.00 %
248.5315 kHz	x dB -26.00 dB
Transmit Freq Error -796.309 Hz	
x dB Bandwidth 314.247 kHz	

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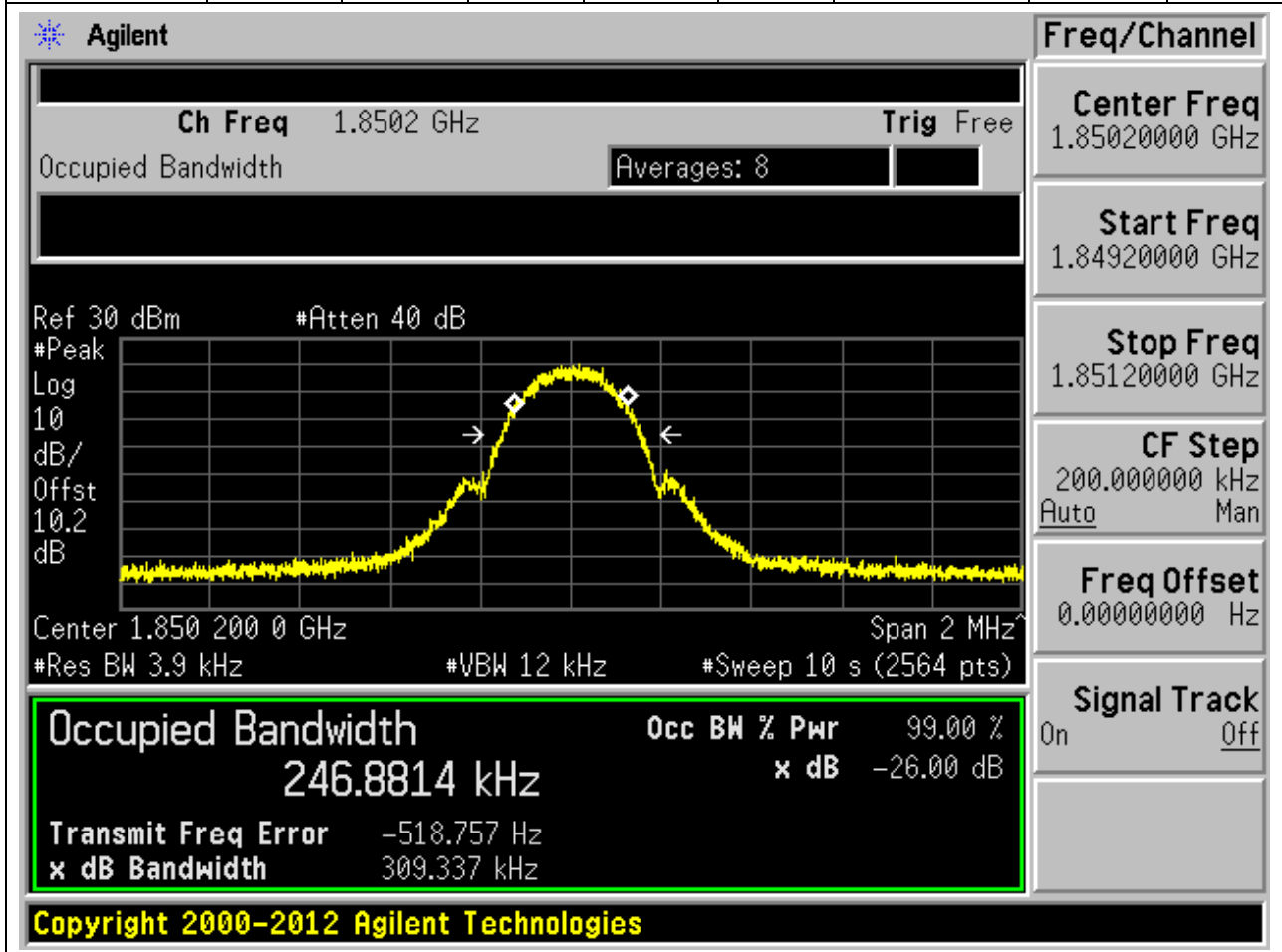
3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)



4. EGPRS_PCS

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.247	0.309	0.3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.251	0.313	0.3	Pass

Agilent

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

Center 1.880 000 0 GHz Span 2 MHz

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

Freq/Channel

Center Freq 1.88000000 GHz

Start Freq 1.87900000 GHz

Stop Freq 1.88100000 GHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr 99.00 %
251.3491 kHz	x dB -26.00 dB
Transmit Freq Error	-555.964 Hz
x dB Bandwidth	312.708 kHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.249	0.312	0.3	Pass

Agilent

Ch Freq 1.9098 GHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.909 800 0 GHz Span 2 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

248.6980 kHz x dB -26.00 dB

Transmit Freq Error -435.480 Hz

x dB Bandwidth 311.670 kHz

Freq/Channel

Center Freq 1.90980000 GHz

Start Freq 1.90880000 GHz

Stop Freq 1.91080000 GHz

CF Step 200.000000 kHz
Auto Man

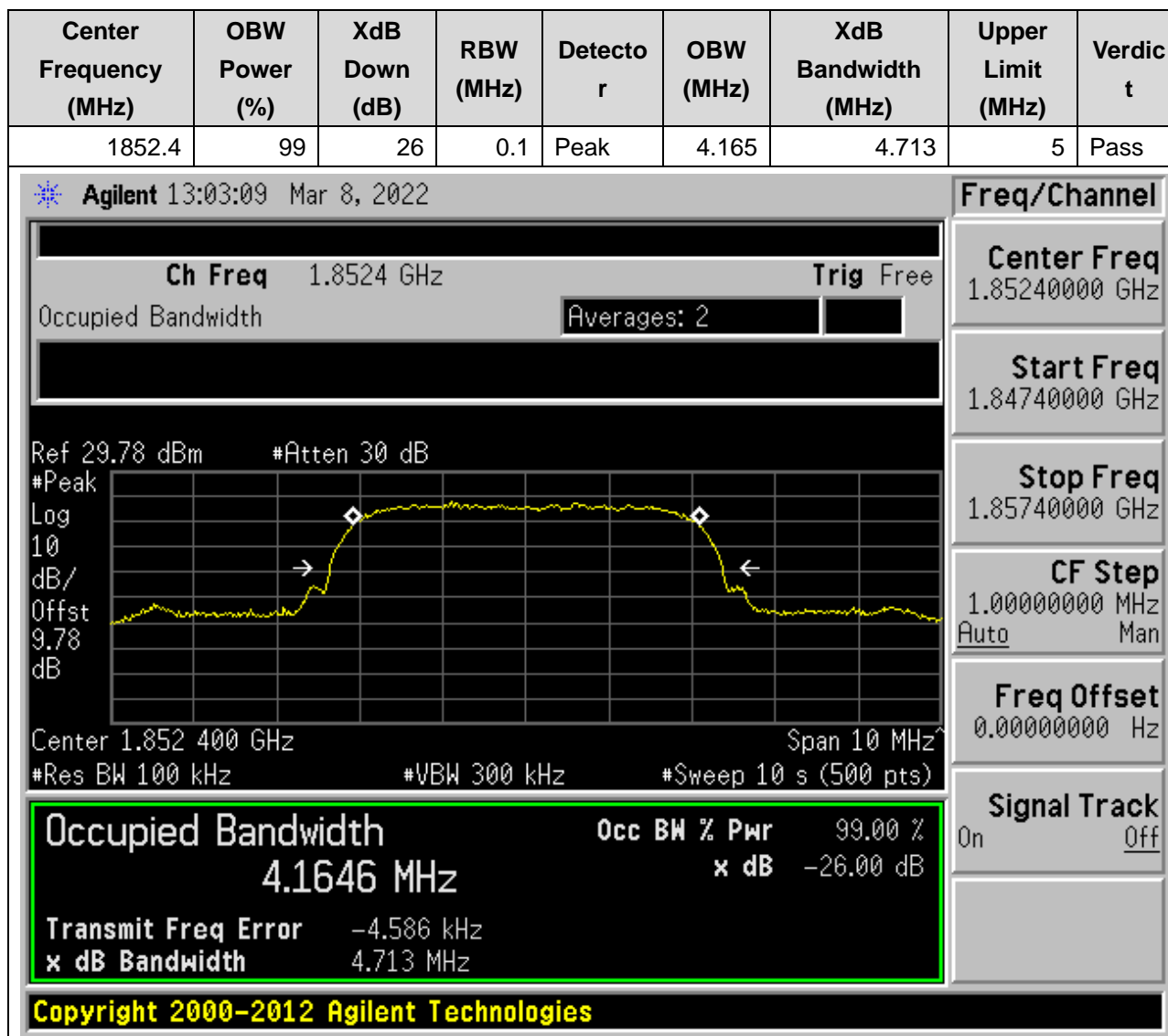
Freq Offset 0.00000000 Hz

Signal Track On Off

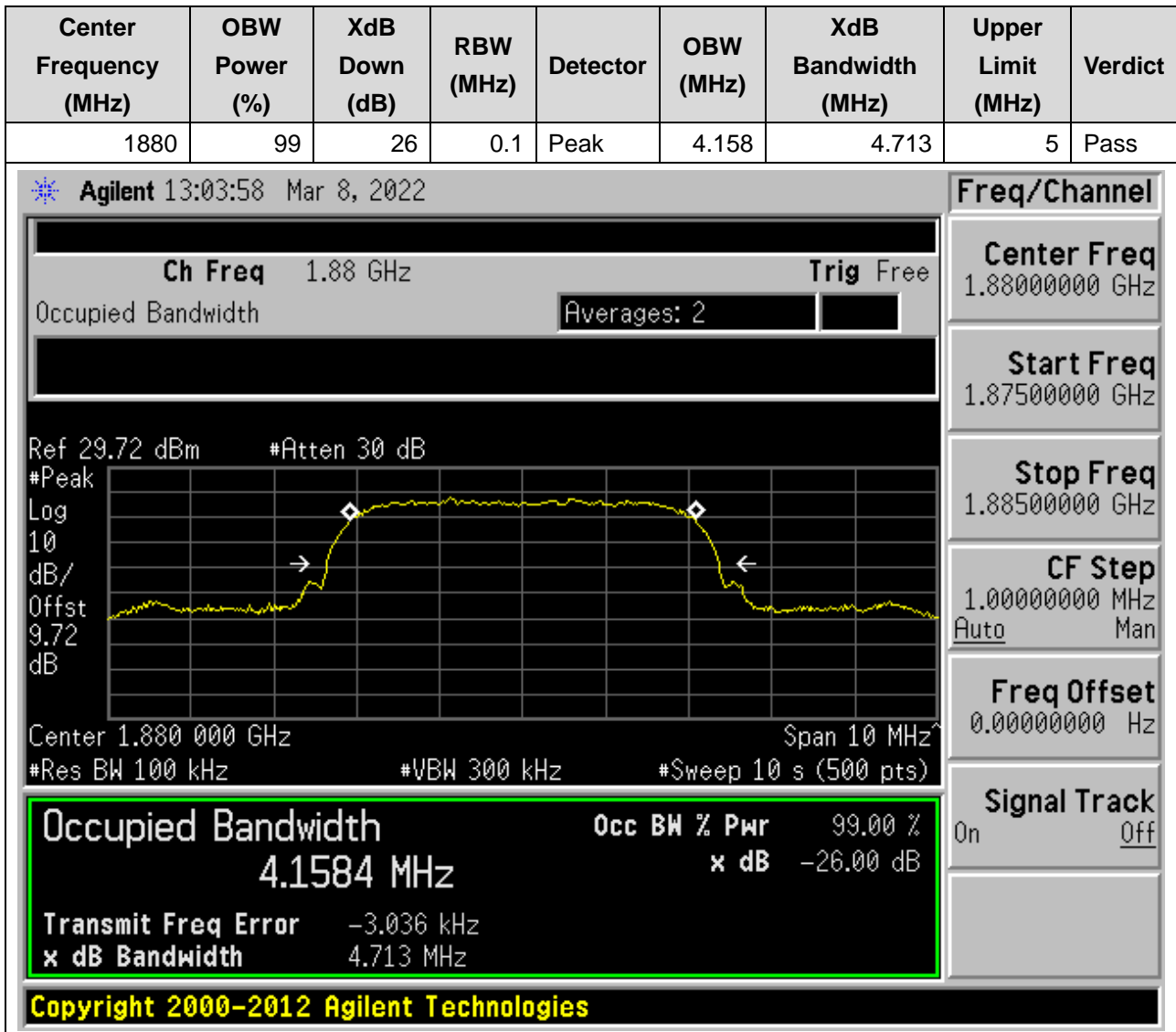
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5. WCDMA_Band2

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.6	99	26	0.1	Peak	4.161	4.717	5	Pass

Agilent 13:04:47 Mar 8, 2022

Ch Freq 1.9076 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

Center 1.907 600 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1612 MHz	x dB	-26.00 dB
Transmit Freq Error		-4.744 kHz
x dB Bandwidth		4.717 MHz

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Freq/Channel

Center Freq
1.90760000 GHz

Start Freq
1.90260000 GHz

Stop Freq
1.91260000 GHz

CF Step
1.00000000 MHz
Auto Man

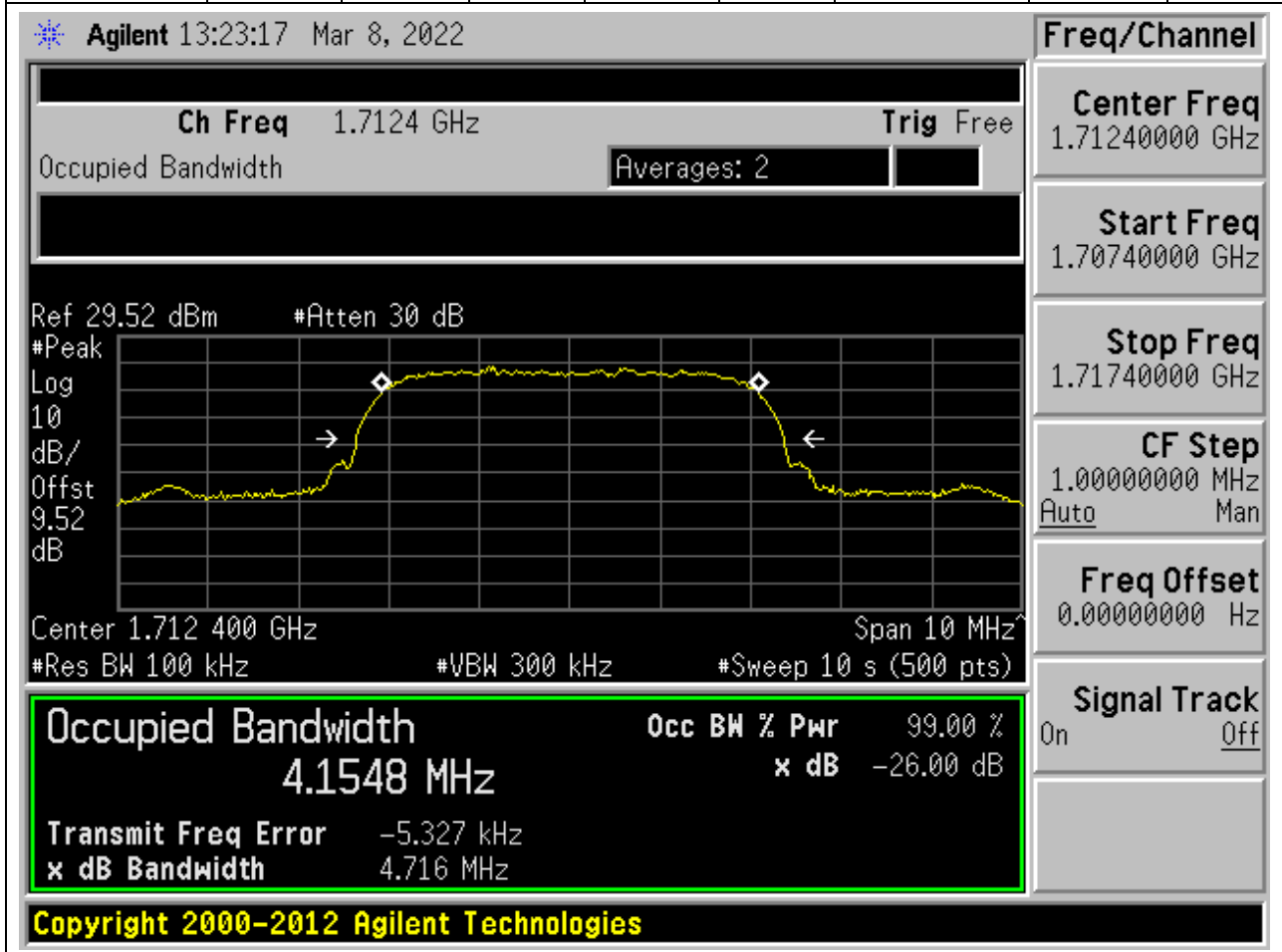
Freq Offset
0.00000000 Hz

Signal Track
On Off

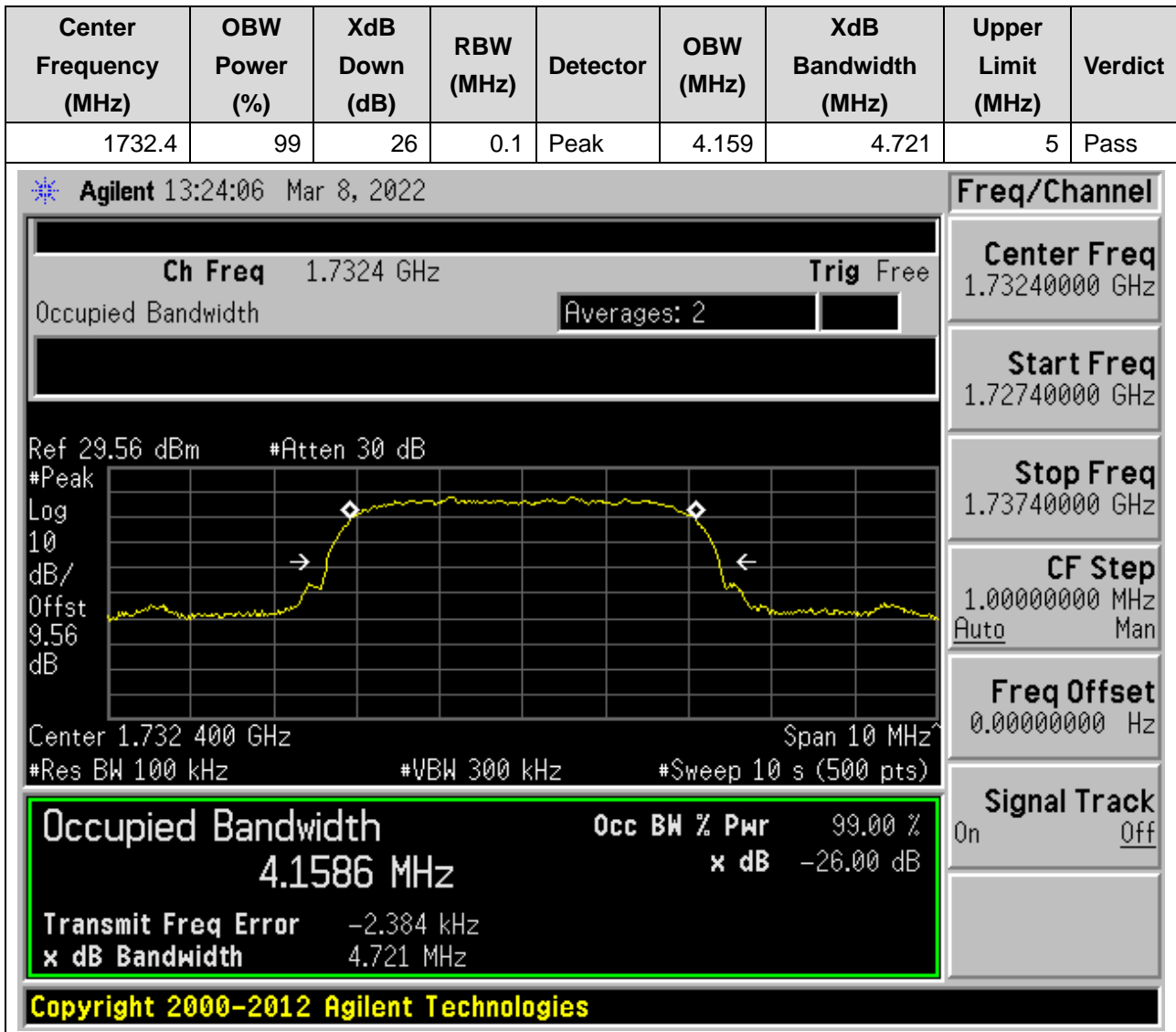
6. WCDMA_Band4

6.1. WCDMA Occupied Bandwidth(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	4.155	4.716	5	Pass



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.6	99	26	0.1	Peak	4.153	4.721	5	Pass

Agilent 13:24:56 Mar 8, 2022

Ch Freq 1.7526 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.6 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 %
4.1532 MHz	x dB	-26.00 dB
Transmit Freq Error		-8.448 kHz
x dB Bandwidth		4.721 MHz

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Freq/Channel

Center Freq
1.75260000 GHz

Start Freq
1.74760000 GHz

Stop Freq
1.75760000 GHz

CF Step
1.00000000 MHz
Auto Man

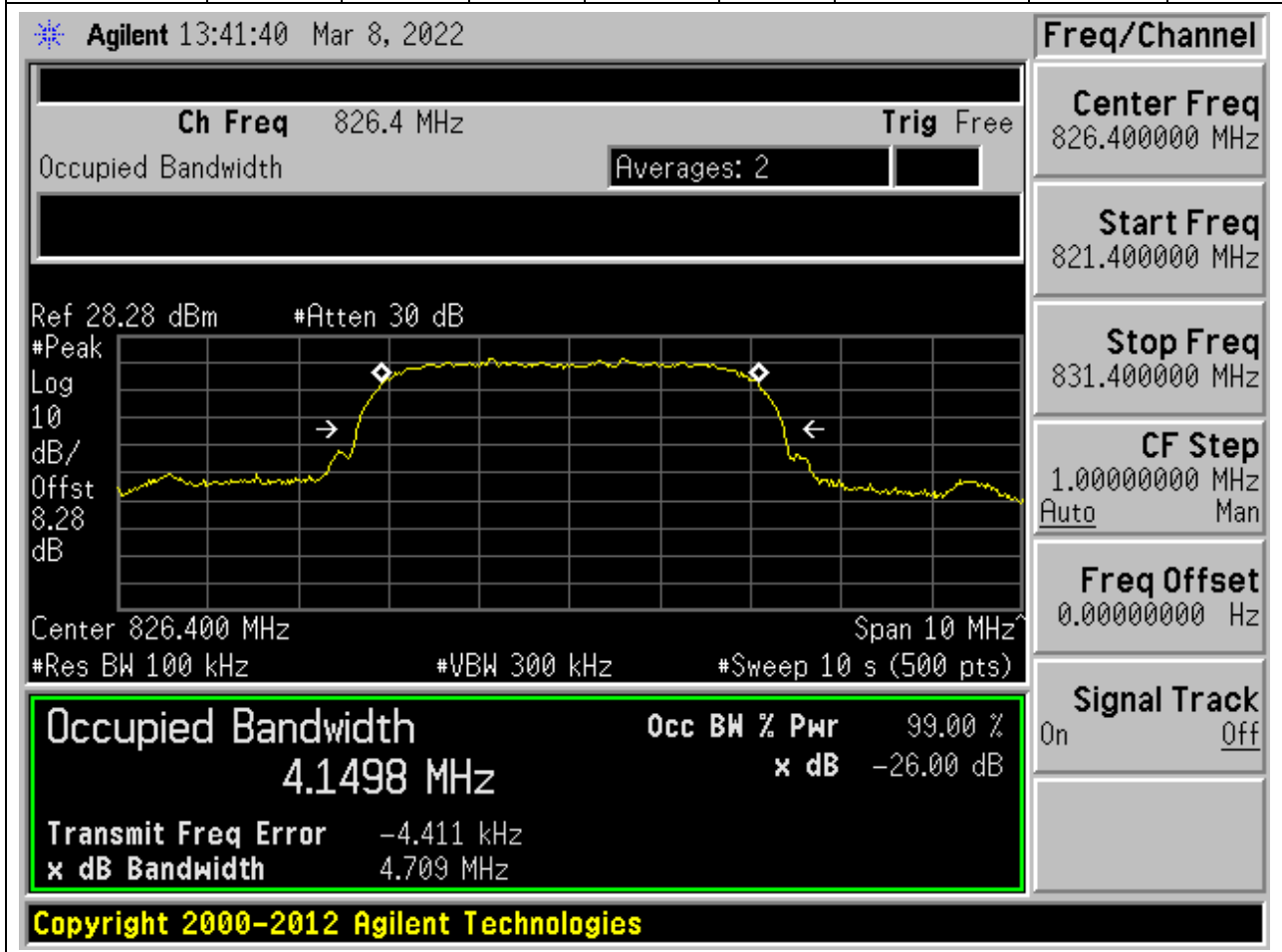
Freq Offset
0.00000000 Hz

Signal Track
On Off

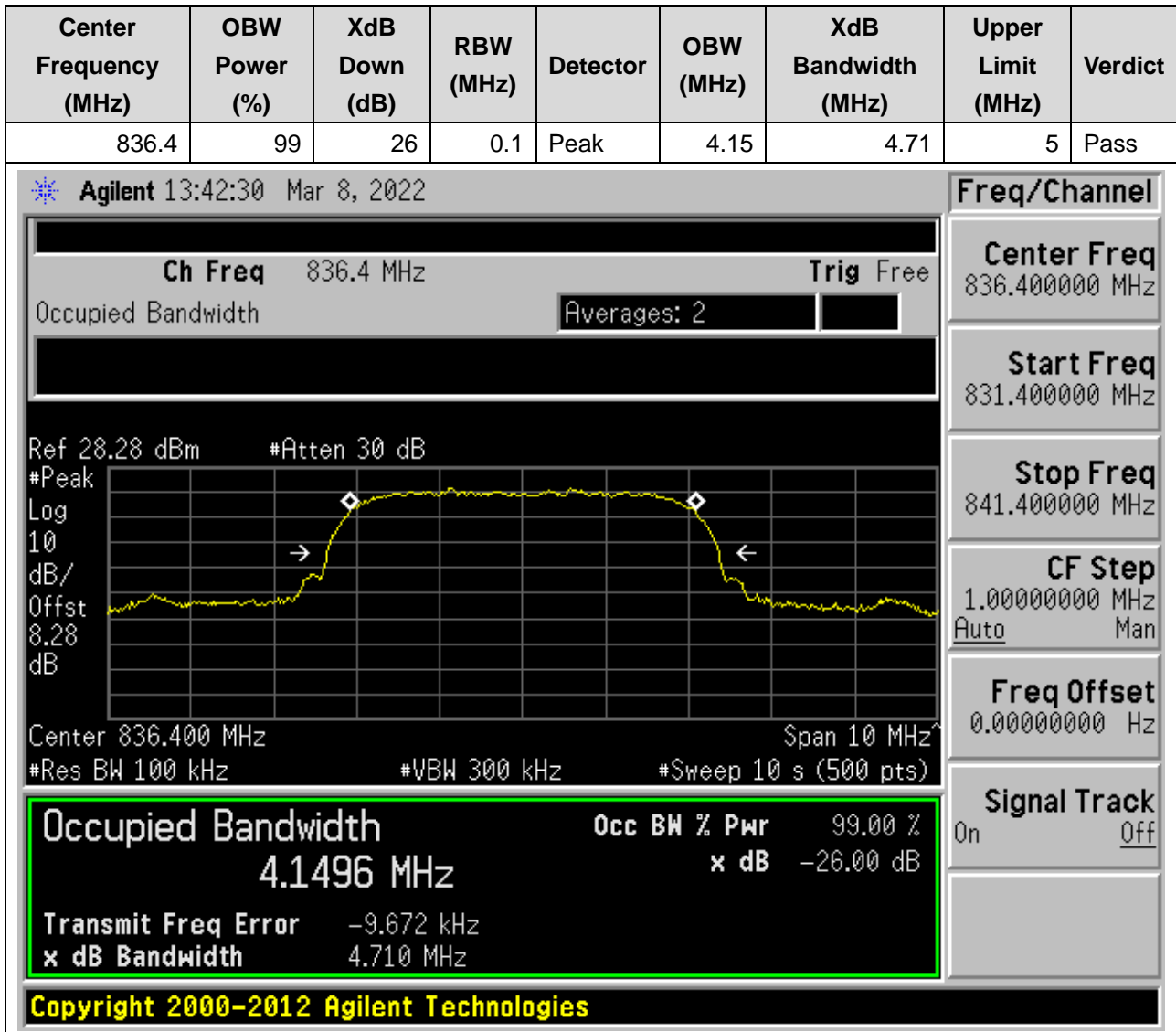
7. WCDMA_Band5

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.4	99	26	0.1	Peak	4.15	4.709	5	Pass



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.6	99	26	0.1	Peak	4.148	4.705	5	Pass

Agilent 13:43:20 Mar 8, 2022

Ch Freq 846.6 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.32 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.32 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 %
4.1480 MHz	x dB	-26.00 dB
Transmit Freq Error		-14.576 kHz
x dB Bandwidth		4.705 MHz

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Freq/Channel

Center Freq
846.600000 MHz

Start Freq
841.600000 MHz

Stop Freq
851.600000 MHz

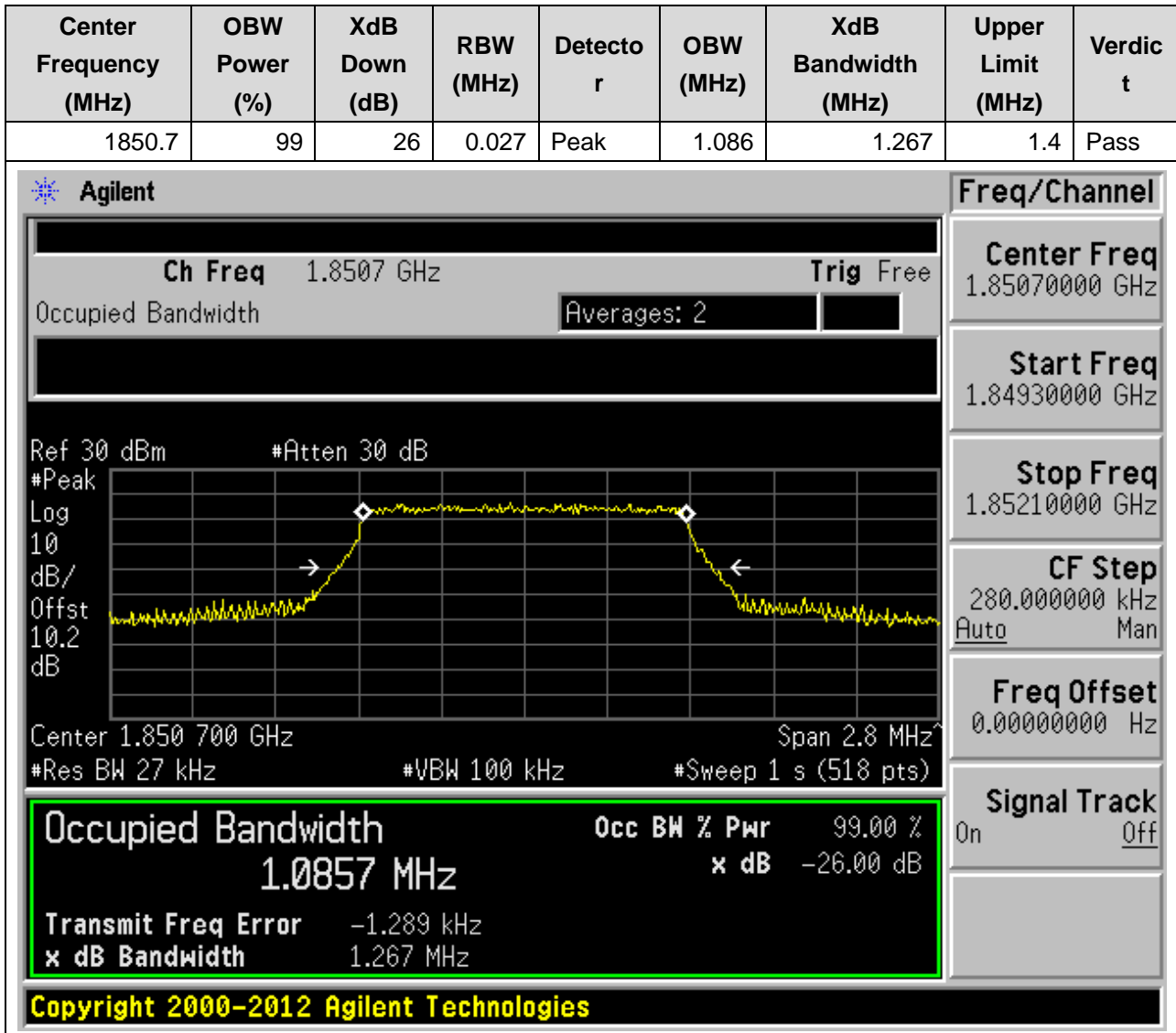
CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

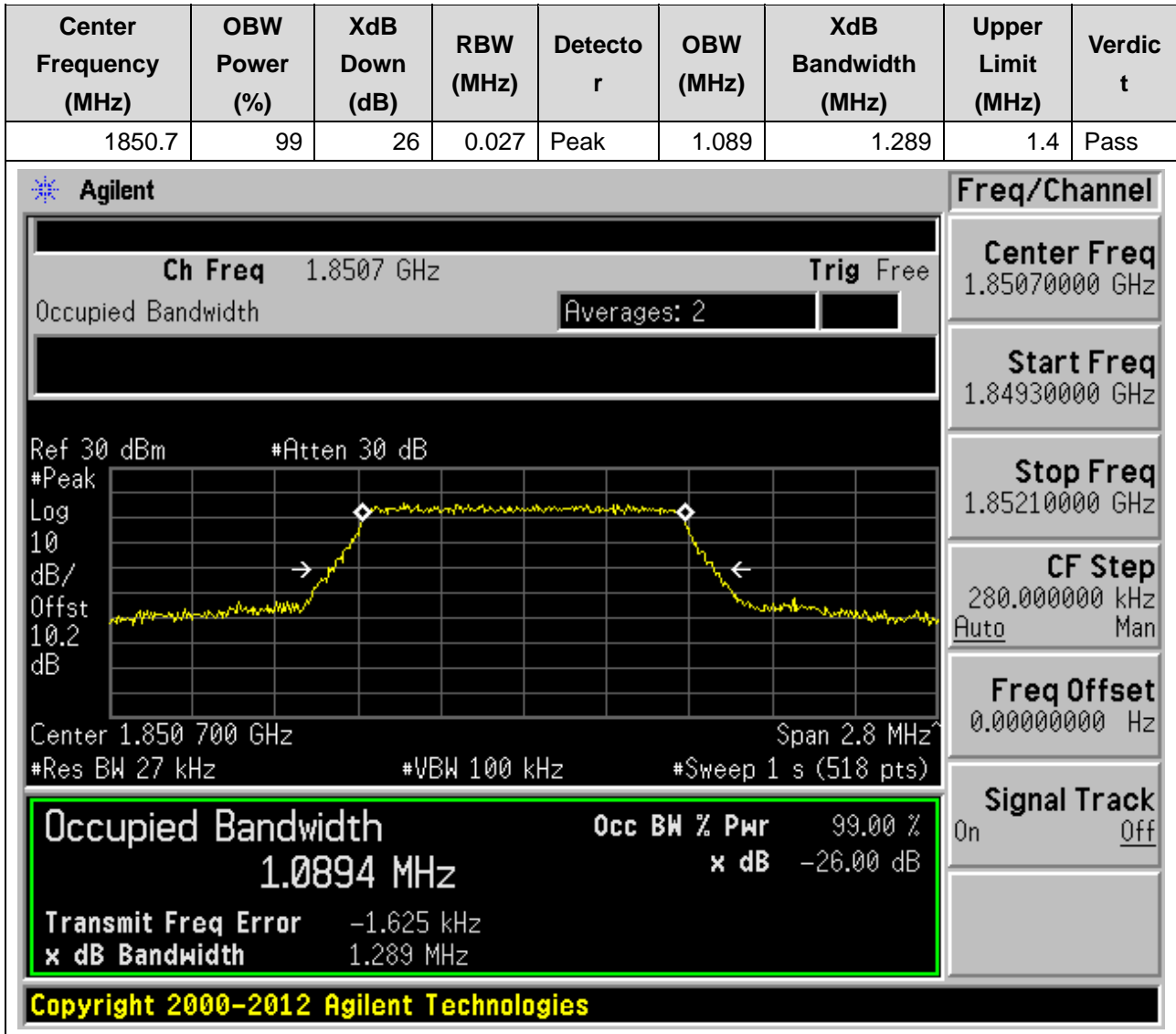
Signal Track
On Off

8. LTE_Band2

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



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.084	1.271	1.4	Pass

Agilent

Freq/Channel
Center Freq
1.88000000 GHz
Start Freq
1.87860000 GHz
Stop Freq
1.88140000 GHz
CF Step
280.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.880 000 GHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0838 MHz x dB -26.00 dB

Transmit Freq Error -2.483 kHz

x dB Bandwidth 1.271 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.089	1.268	1.4	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled "Occupied Bandwidth" and shows a signal centered at 1.9093 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak, Log 10, dB/Offst 10.3 dB, Center 1.909 300 GHz, Span 2.8 MHz, #Res BW 27 kHz, #VBW 100 kHz, and #Sweep 1 s (518 pts). The plot shows a signal with a peak at approximately 1.9093 GHz and a bandwidth of 1.0894 MHz. The signal is measured at -26.00 dB relative to the reference level.

The right-hand side of the interface shows the "Freq/Channel" settings:

- Center Freq: 1.90930000 GHz
- Start Freq: 1.90790000 GHz
- Stop Freq: 1.91070000 GHz
- CF Step: 280.000000 kHz (Auto/Man)
- Freq Offset: 0.00000000 Hz
- Signal Track: On/Off

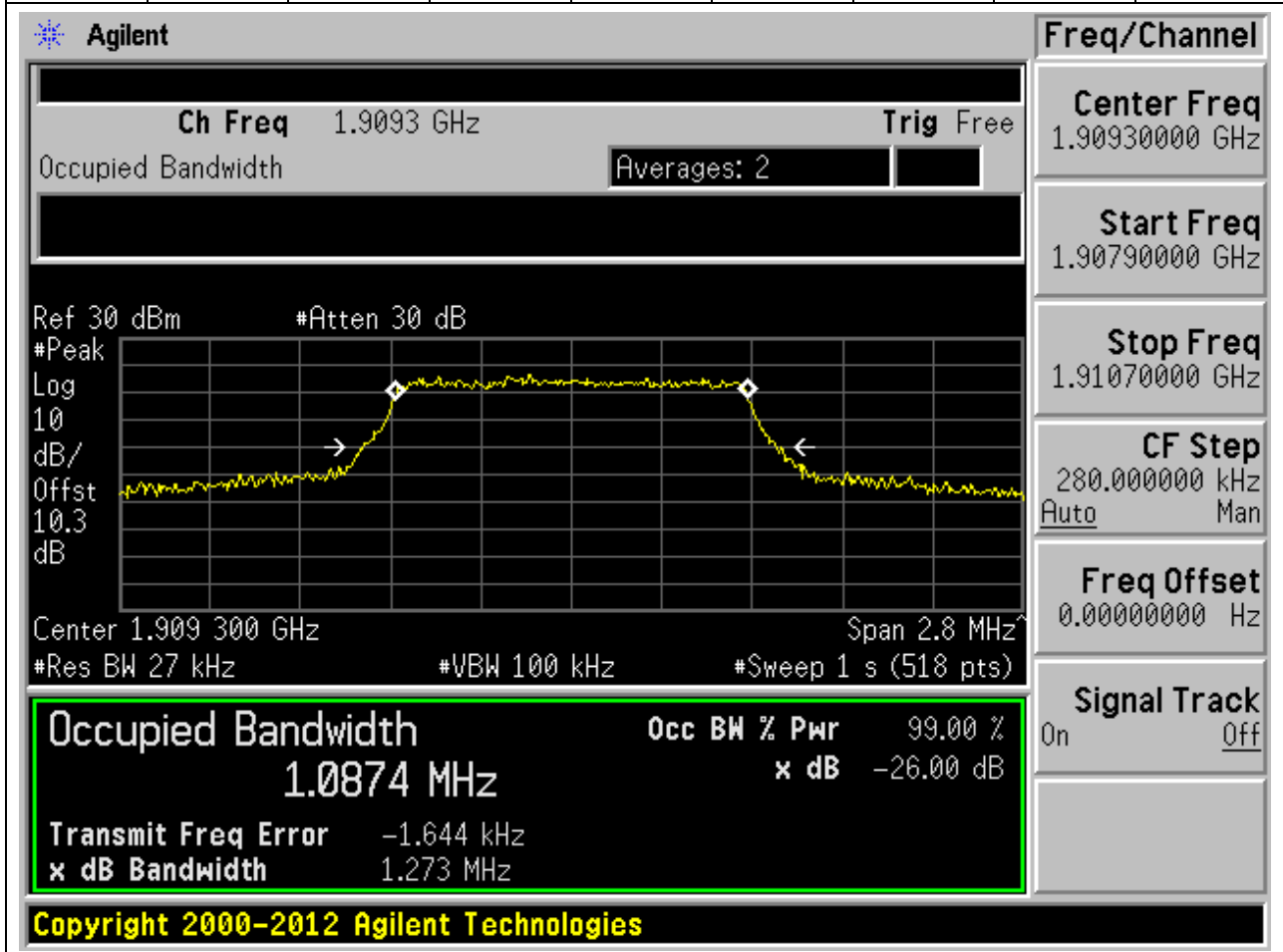
The bottom of the interface shows the "Occupied Bandwidth" measurement results:

- Occupied Bandwidth: 1.0894 MHz
- Occ BW % Pwr: 99.00 %
- x dB: -26.00 dB
- Transmit Freq Error: -2.761 kHz
- x dB Bandwidth: 1.268 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.087	1.273	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.685	2.911	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.8515 GHz. The plot parameters are: Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 10.2 dB, Center 1.851 500 GHz, Span 6 MHz, #Res BW 62 kHz, #VBW 200 kHz, #Sweep 1 s (483 pts). The plot shows a signal with a bandwidth of 2.6854 MHz and a power level of -26.00 dB. The signal is centered at 1.8515 GHz. The plot also shows the signal's power level relative to the reference level, with a peak level of 99.00% and a bandwidth of 2.911 MHz. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.8515 GHz. The plot parameters are: Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 10.2 dB, Center 1.851 500 GHz, Span 6 MHz, #Res BW 62 kHz, #VBW 200 kHz, #Sweep 1 s (483 pts). The plot shows a signal with a bandwidth of 2.6854 MHz and a power level of -26.00 dB. The signal is centered at 1.8515 GHz. The plot also shows the signal's power level relative to the reference level, with a peak level of 99.00% and a bandwidth of 2.911 MHz.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6854 MHz		x dB	-26.00 dB
Transmit Freq Error	157.346 Hz		
x dB Bandwidth	2.911 MHz		

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.68	2.927	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.8515 GHz. The occupied bandwidth is 2.6802 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -398.393 Hz, and the XdB bandwidth is 2.927 MHz. The interface also shows various settings such as Res BW (62 kHz), VBW (200 kHz), and Span (6 MHz).

Occupied Bandwidth		Occ BW % Pwr
2.6802 MHz	99.00 %	
Transmit Freq Error		-398.393 Hz
x dB Bandwidth		2.927 MHz

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

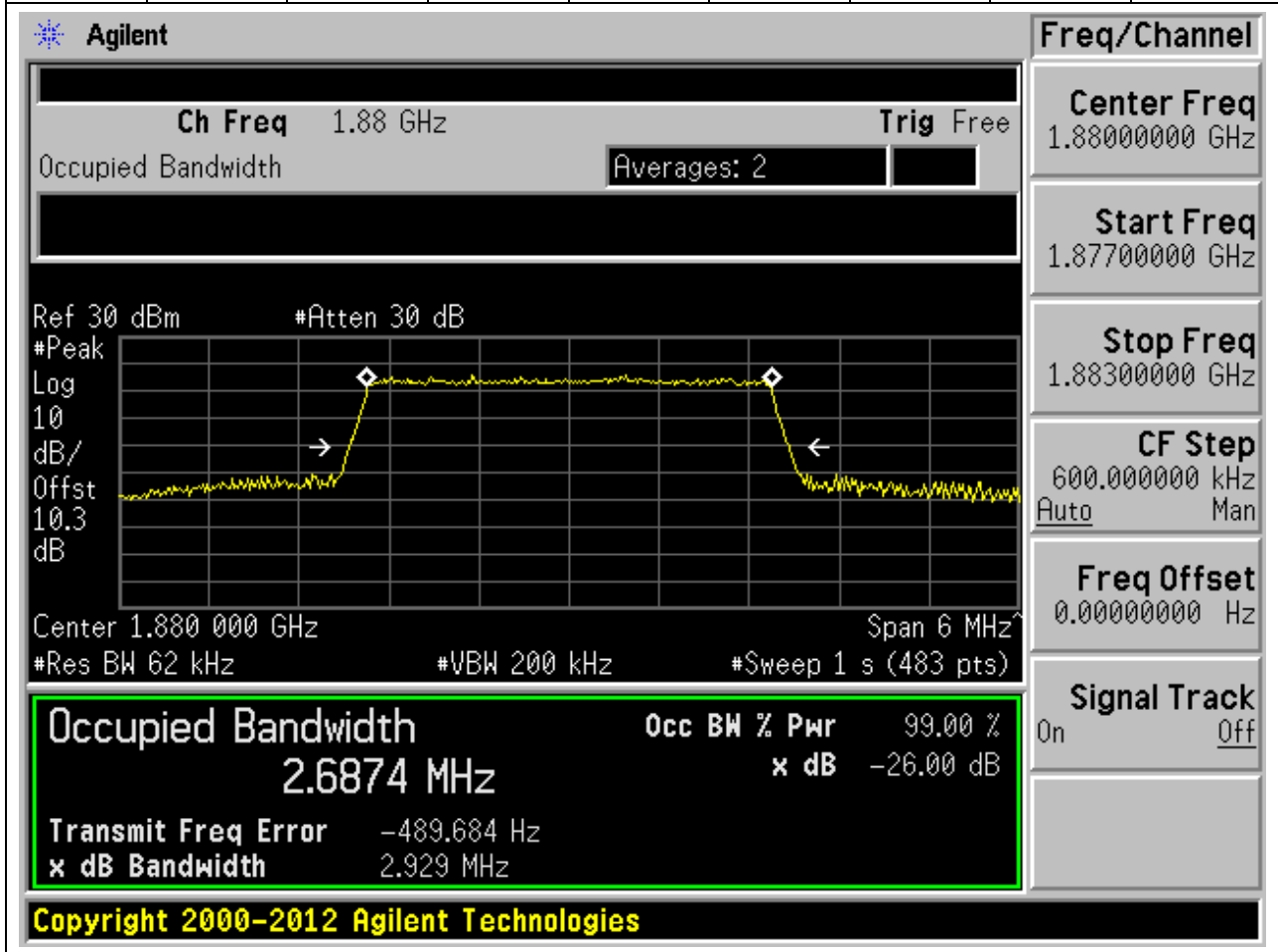
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.694	2.922	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.88 GHz and a span of 6 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.88 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6935 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 2.189 kHz and the 'x dB Bandwidth' is 2.922 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6935 MHz		x dB	-26.00 dB
Transmit Freq Error	2.189 kHz		
x dB Bandwidth	2.922 MHz		

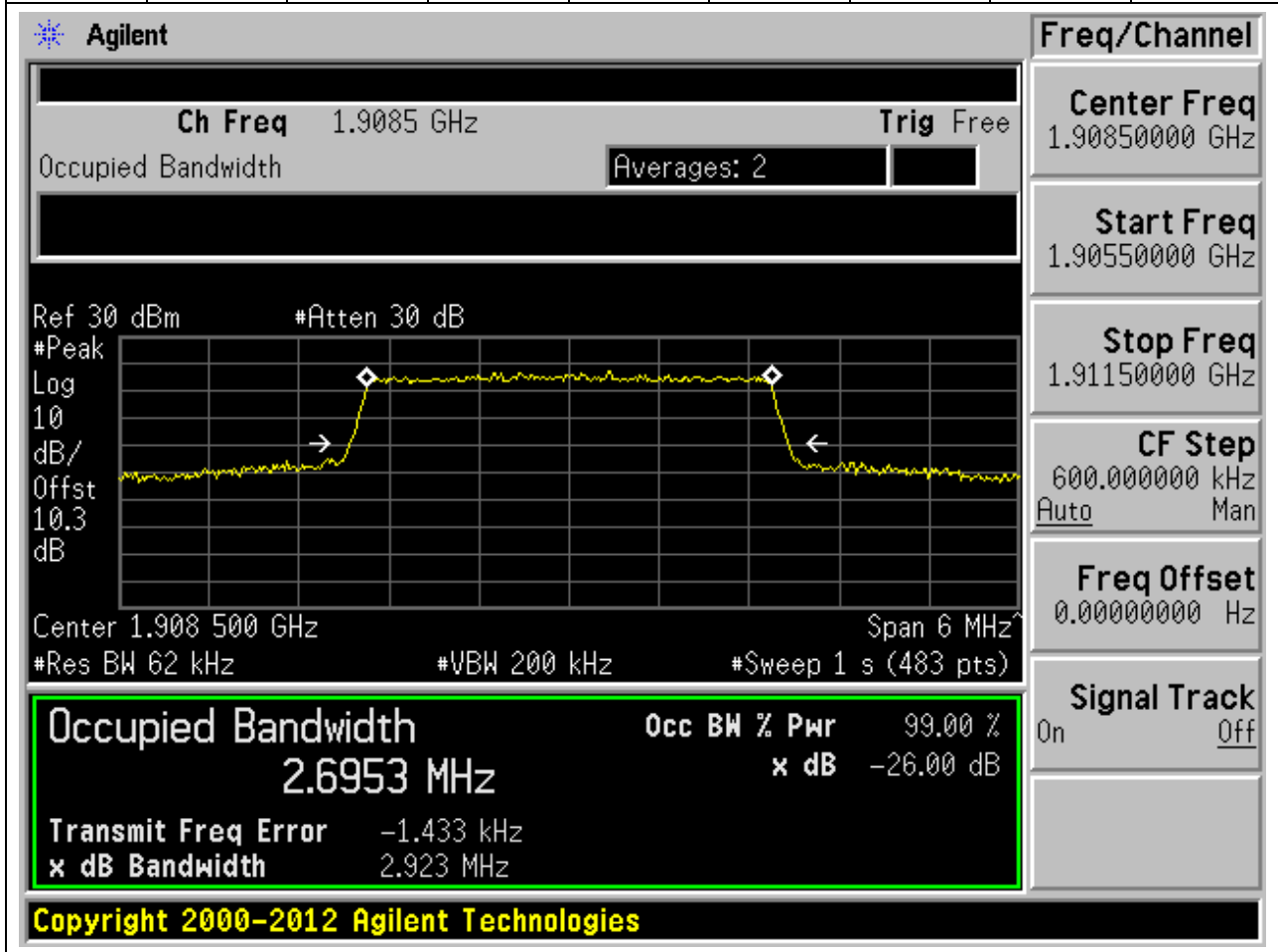
8.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.687	2.929	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.695	2.923	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.682	2.927	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.9085 GHz and a span of 6 MHz. The vertical axis is labeled 'dB/Offst' with a scale of 10.3 dB. The horizontal axis is labeled 'Span 6 MHz'. The plot shows a signal with a peak at approximately 1.9085 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6825 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -2.429 kHz and the 'x dB Bandwidth' is 2.927 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6825 MHz		x dB	-26.00 dB
Transmit Freq Error		-2.429 kHz	
x dB Bandwidth		2.927 MHz	

8.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.494	4.927	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled "Occupied Bandwidth" and shows a signal centered at 1.8525 GHz. The plot parameters are: Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 10.2 dB, Center 1.852 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 1 s (500 pts). The plot shows a signal with a peak at 1.8525 GHz and a bandwidth of 4.4943 MHz. The signal is measured at -26.00 dB. The plot also shows the signal track and the signal track settings.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4943 MHz		x dB	-26.00 dB
Transmit Freq Error		-2.622 kHz	
x dB Bandwidth		4.927 MHz	

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8.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.482	4.897	5	Pass

Agilent

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.852 500 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4816 MHz x dB -26.00 dB

Transmit Freq Error -1.575 kHz

x dB Bandwidth 4.897 MHz

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Freq/Channel

Center Freq 1.85250000 GHz

Start Freq 1.84750000 GHz

Stop Freq 1.85750000 GHz

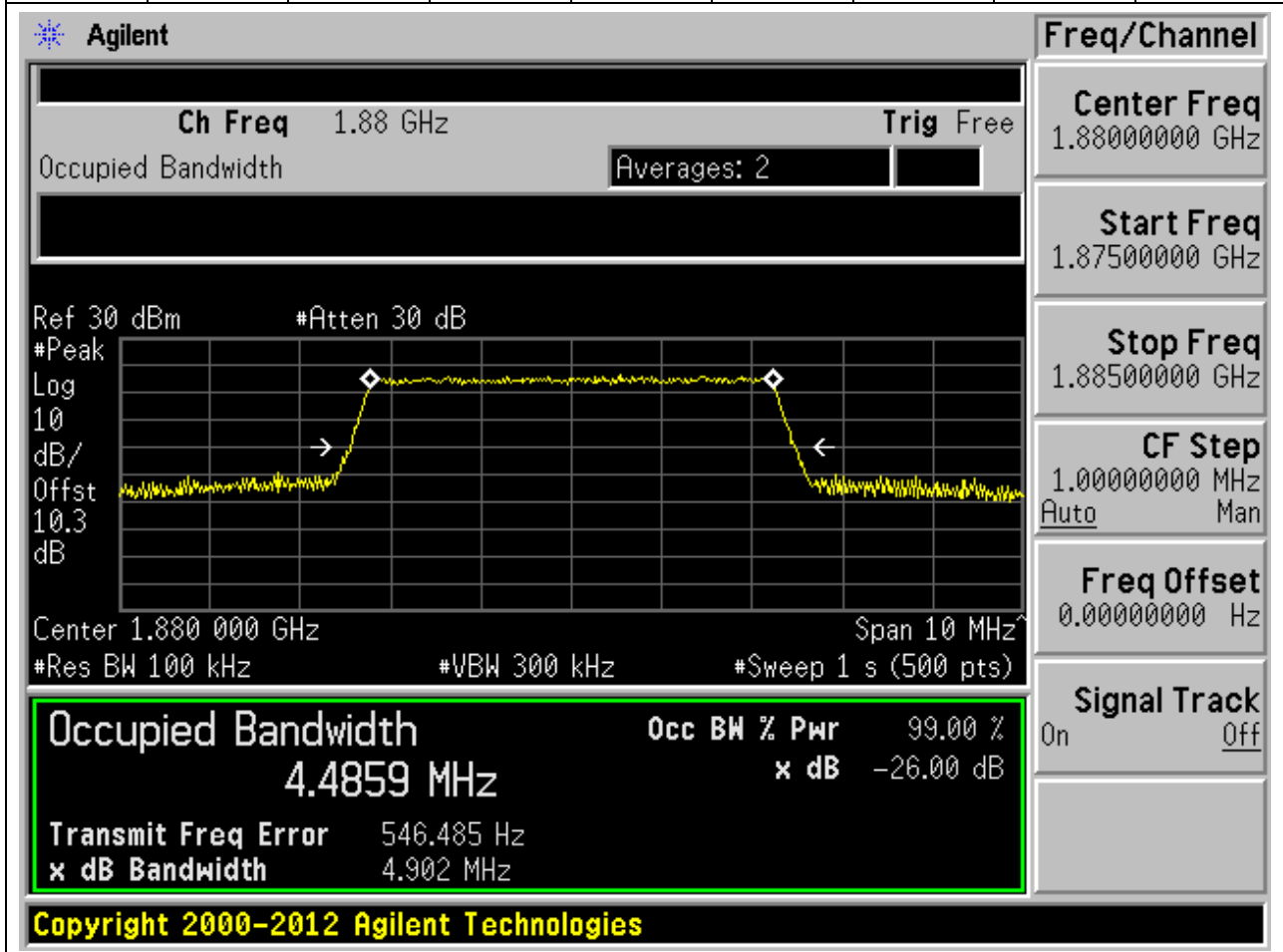
CF Step 1.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

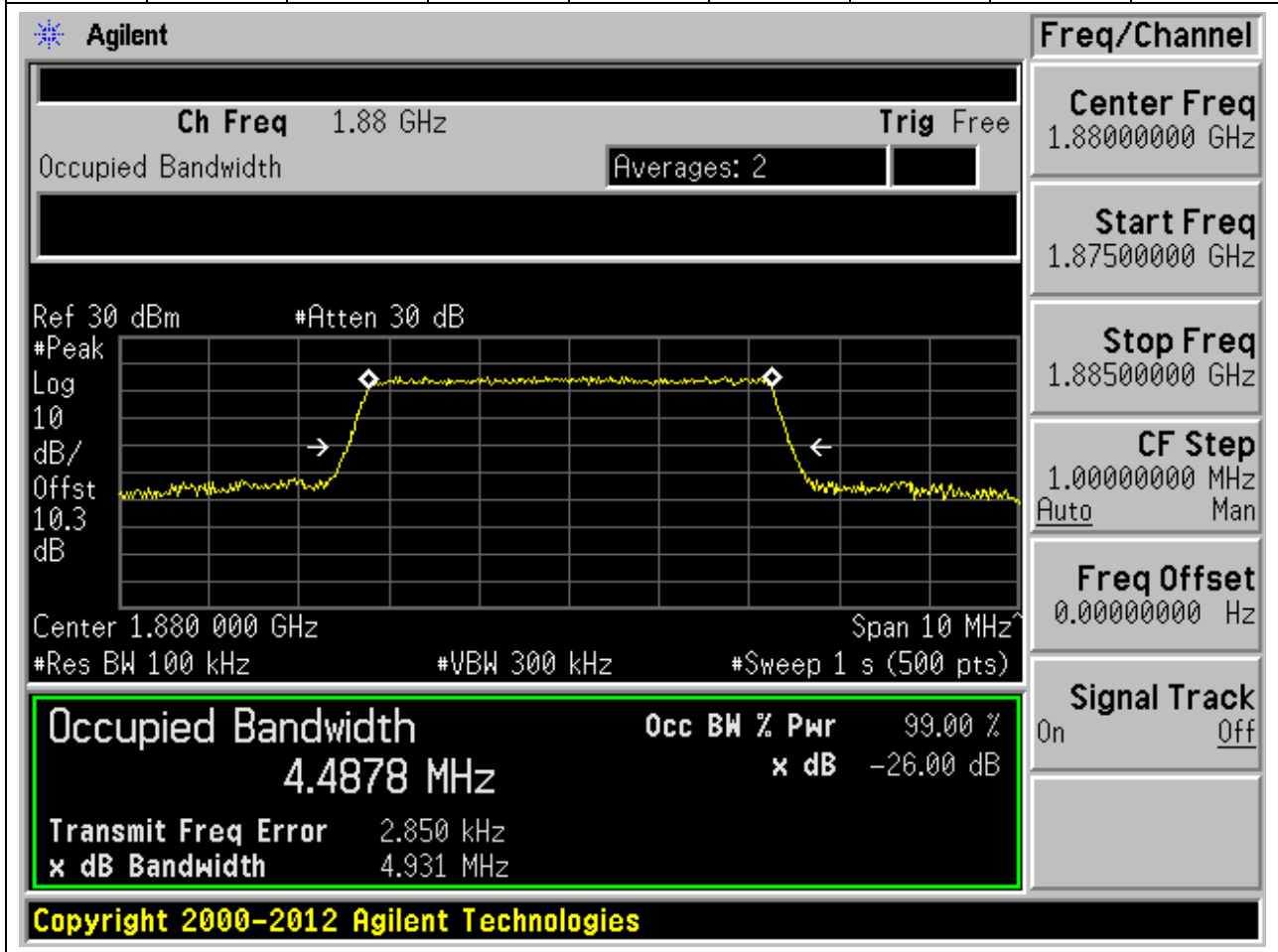
8.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.486	4.902	5	Pass



8.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.488	4.931	5	Pass



8.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.487	4.935	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.9075 GHz and a span of 10 MHz. The vertical axis is labeled 'dB/Offst' with a value of 10.3 dB. The horizontal axis is labeled 'Span 10 MHz'. The plot shows a signal with a peak at 1.9075 GHz. The 'Occupied Bandwidth' is measured as 4.4870 MHz, with a power of 99.00% and a -26.00 dB bandwidth of 4.935 MHz. The 'Transmit Freq Error' is -670.773 Hz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4870 MHz		x dB	-26.00 dB
Transmit Freq Error		-670.773 Hz	
x dB Bandwidth		4.935 MHz	

8.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.492	4.949	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.9075 GHz and a span of 10 MHz. The vertical axis is labeled 'dB/Offst' and the horizontal axis is labeled 'Span 10 MHz'. The plot shows a signal with a peak at approximately 1.9075 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.4921 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 1.537 kHz and the 'x dB Bandwidth' is 4.949 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Freq/Channel	
Center Freq	1.90750000 GHz
Start Freq	1.90250000 GHz
Stop Freq	1.91250000 GHz
CF Step	1.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

Occupied Bandwidth 4.4921 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 1.537 kHz
x dB Bandwidth 4.949 MHz

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8.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1855	99	26	0.2	Peak	8.969	9.863	10	Pass

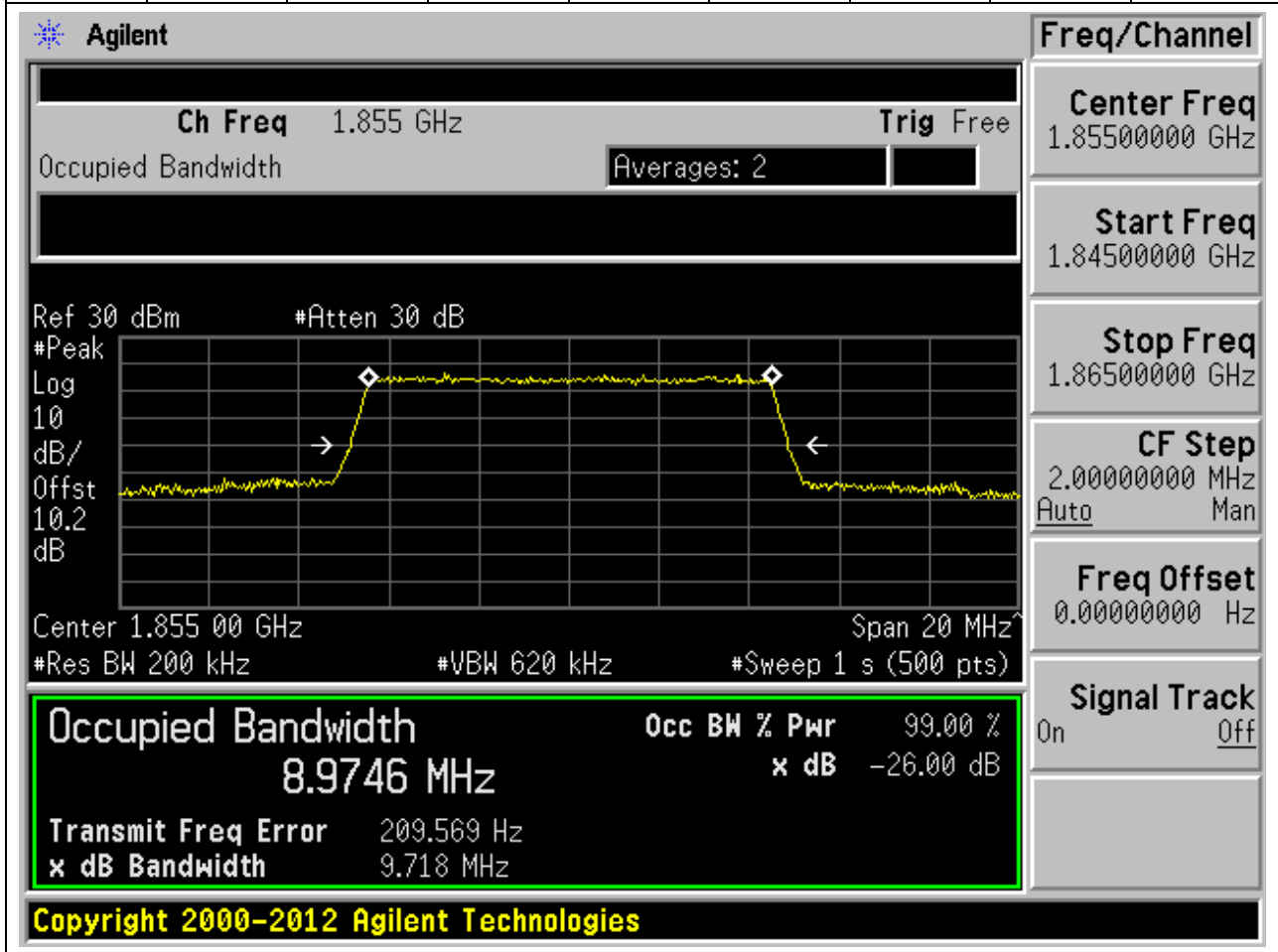
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the occupied bandwidth. The center frequency is 1.855 GHz, and the span is 20 MHz. The occupied bandwidth is 8.9689 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -2.680 kHz, and the XdB bandwidth is 9.863 MHz. The interface also shows various settings such as Res BW (200 kHz), VBW (620 kHz), and Sweep (1 s, 500 pts).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
8.9689 MHz		x dB	-26.00 dB
Transmit Freq Error		-2.680 kHz	
x dB Bandwidth		9.863 MHz	

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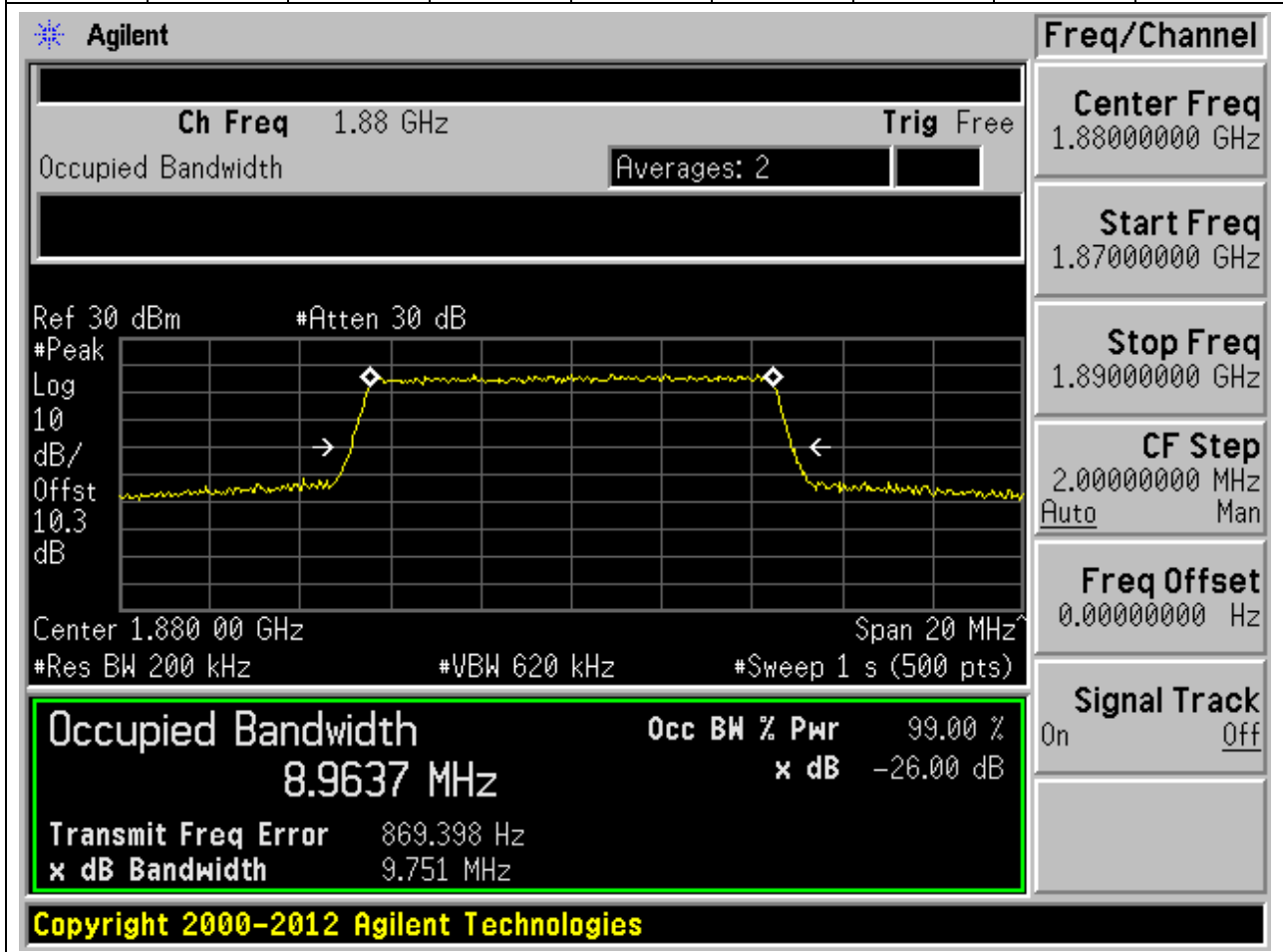
8.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1855	99	26	0.2	Peak	8.975	9.718	10	Pass



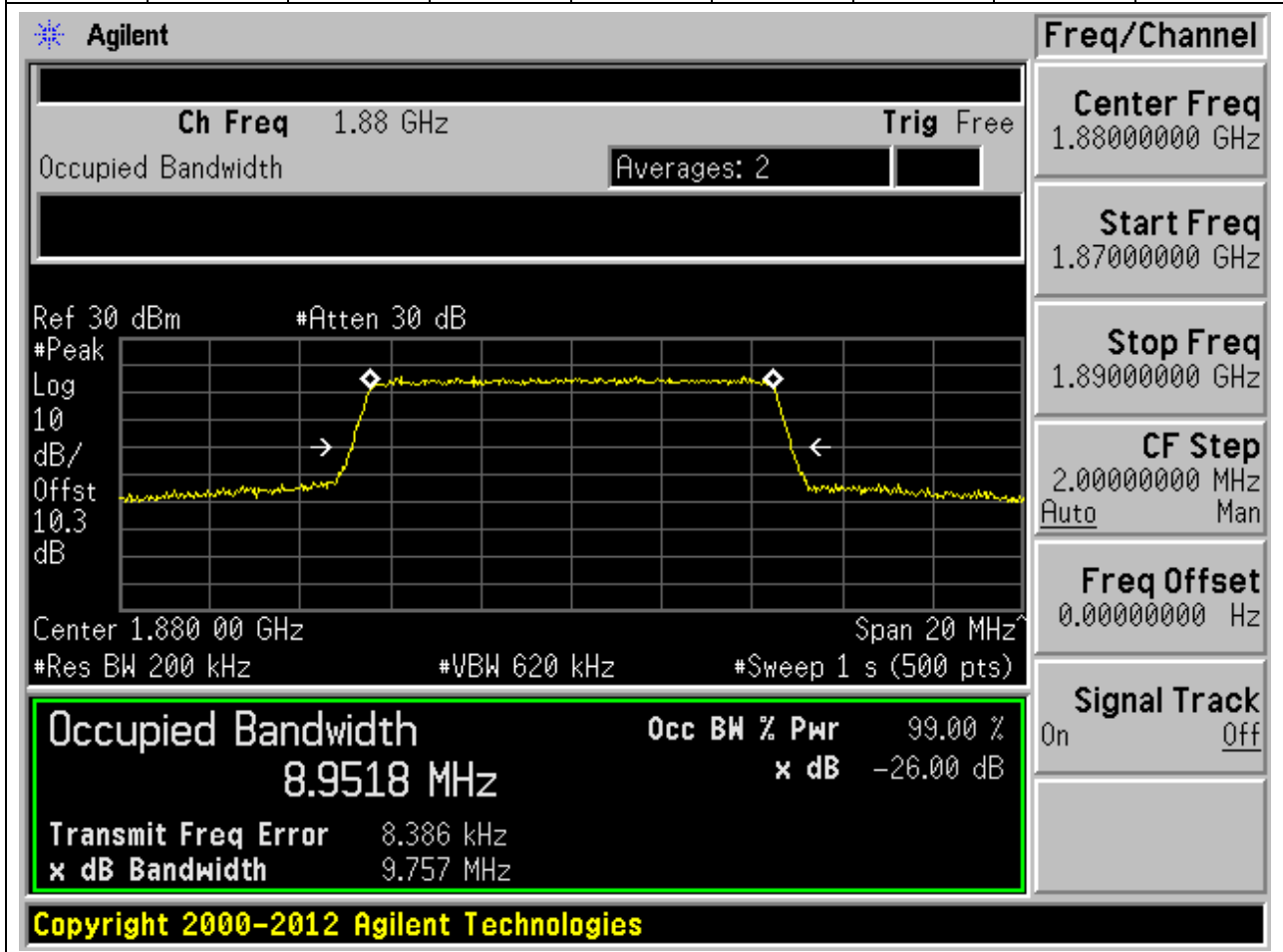
8.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.964	9.751	10	Pass



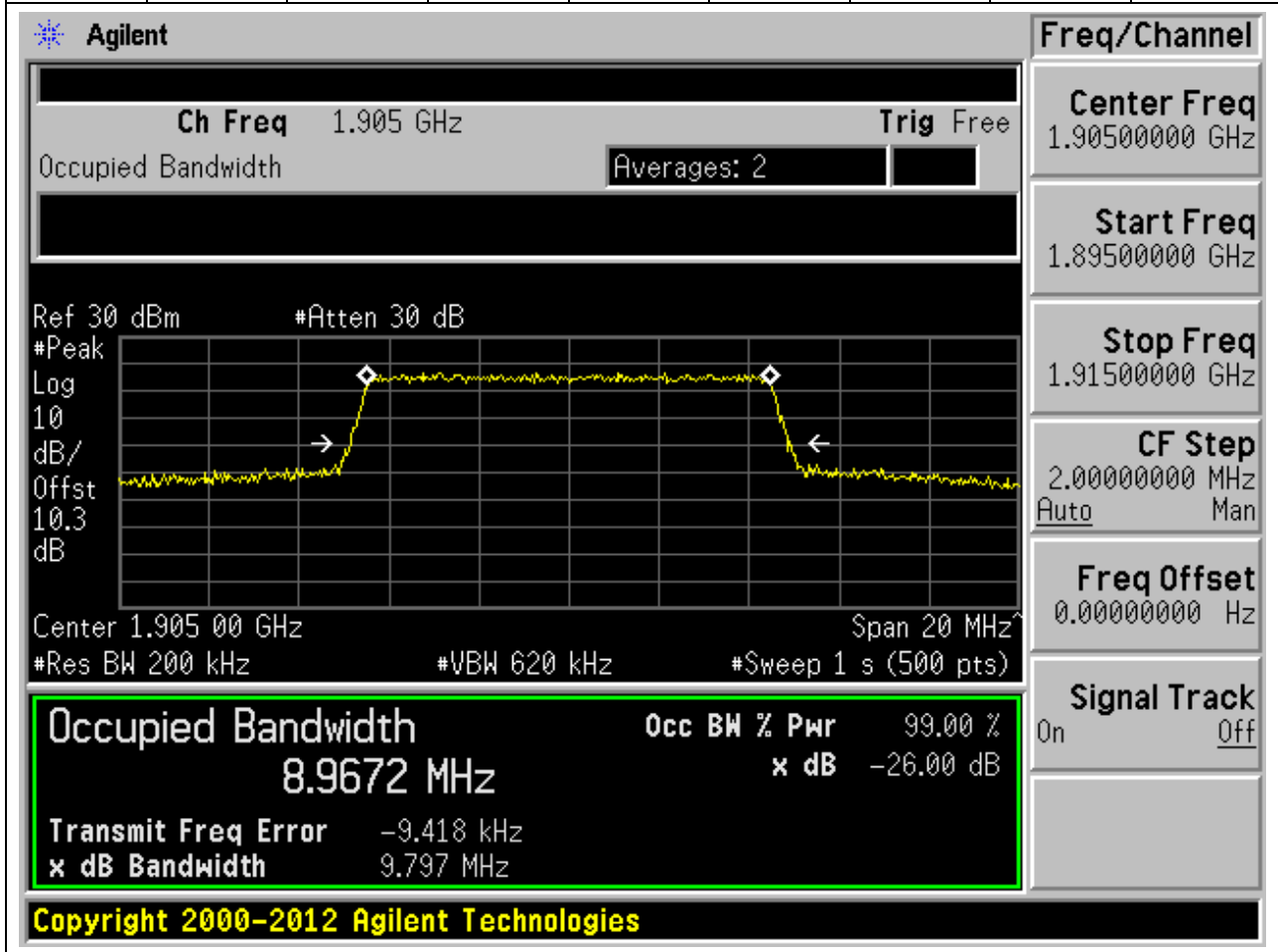
8.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.952	9.757	10	Pass



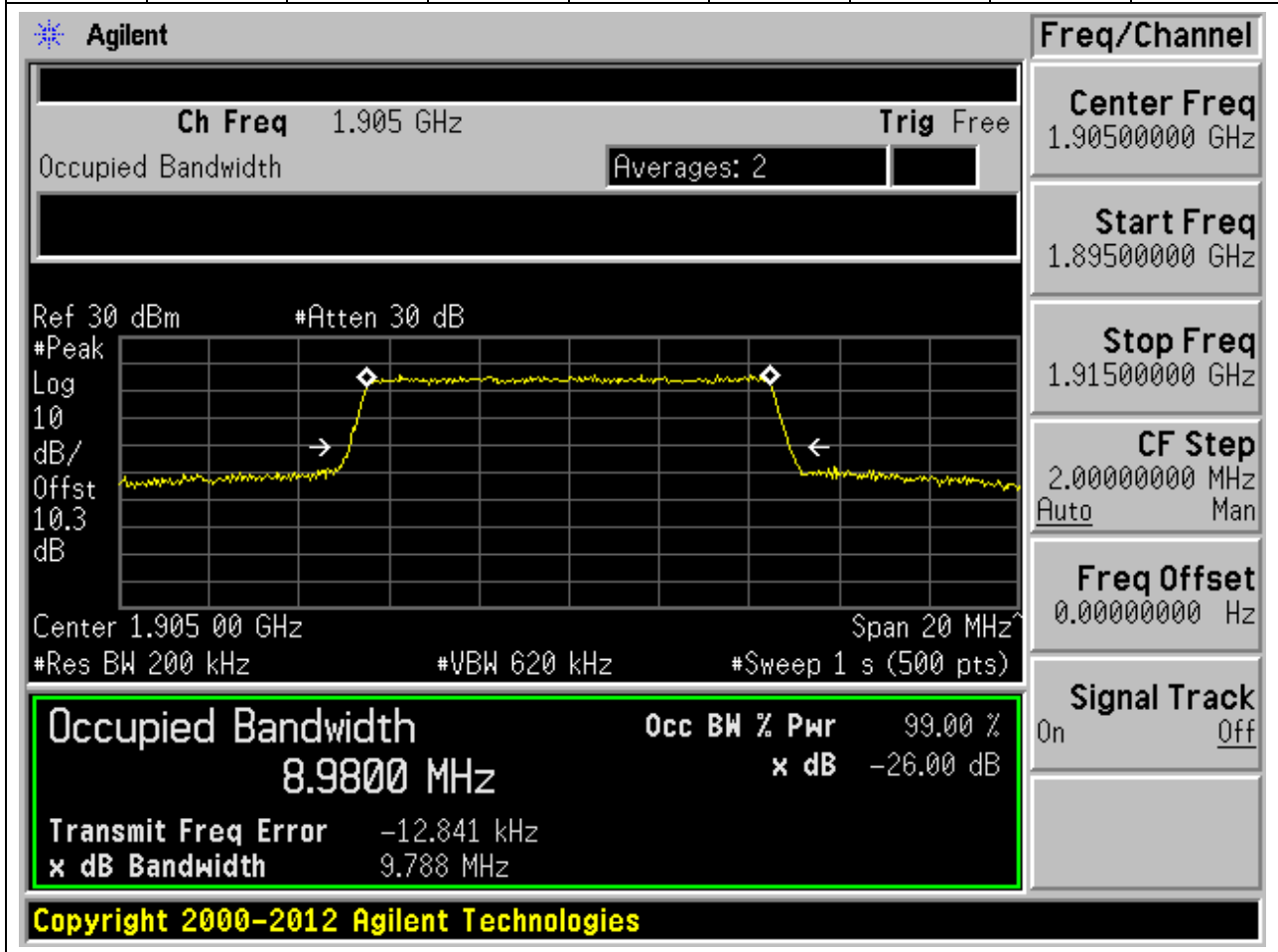
8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1905	99	26	0.2	Peak	8.967	9.797	10	Pass



8.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1905	99	26	0.2	Peak	8.98	9.788	10	Pass



8.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.447	14.668	15	Pass

Agilent

Ch Freq 1.8575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.857 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4466 MHz x dB -26.00 dB

Transmit Freq Error 3.379 kHz

x dB Bandwidth 14.668 MHz

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Freq/Channel

Center Freq 1.85750000 GHz

Start Freq 1.84250000 GHz

Stop Freq 1.87250000 GHz

CF Step 3.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

8.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.454	14.673	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.8575 GHz and a span of 30 MHz. The vertical axis is labeled 'dB/Offst' with a value of 10.2 dB. The horizontal axis is labeled 'Span 30 MHz'. The plot shows a signal with a peak at approximately 1.8575 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 13.4544 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -3.980 kHz and the 'x dB Bandwidth' is 14.673 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Freq/Channel	
Center Freq	1.85750000 GHz
Start Freq	1.84250000 GHz
Stop Freq	1.87250000 GHz
CF Step	3.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

Occupied Bandwidth 13.4544 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error -3.980 kHz
x dB Bandwidth 14.673 MHz

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8.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

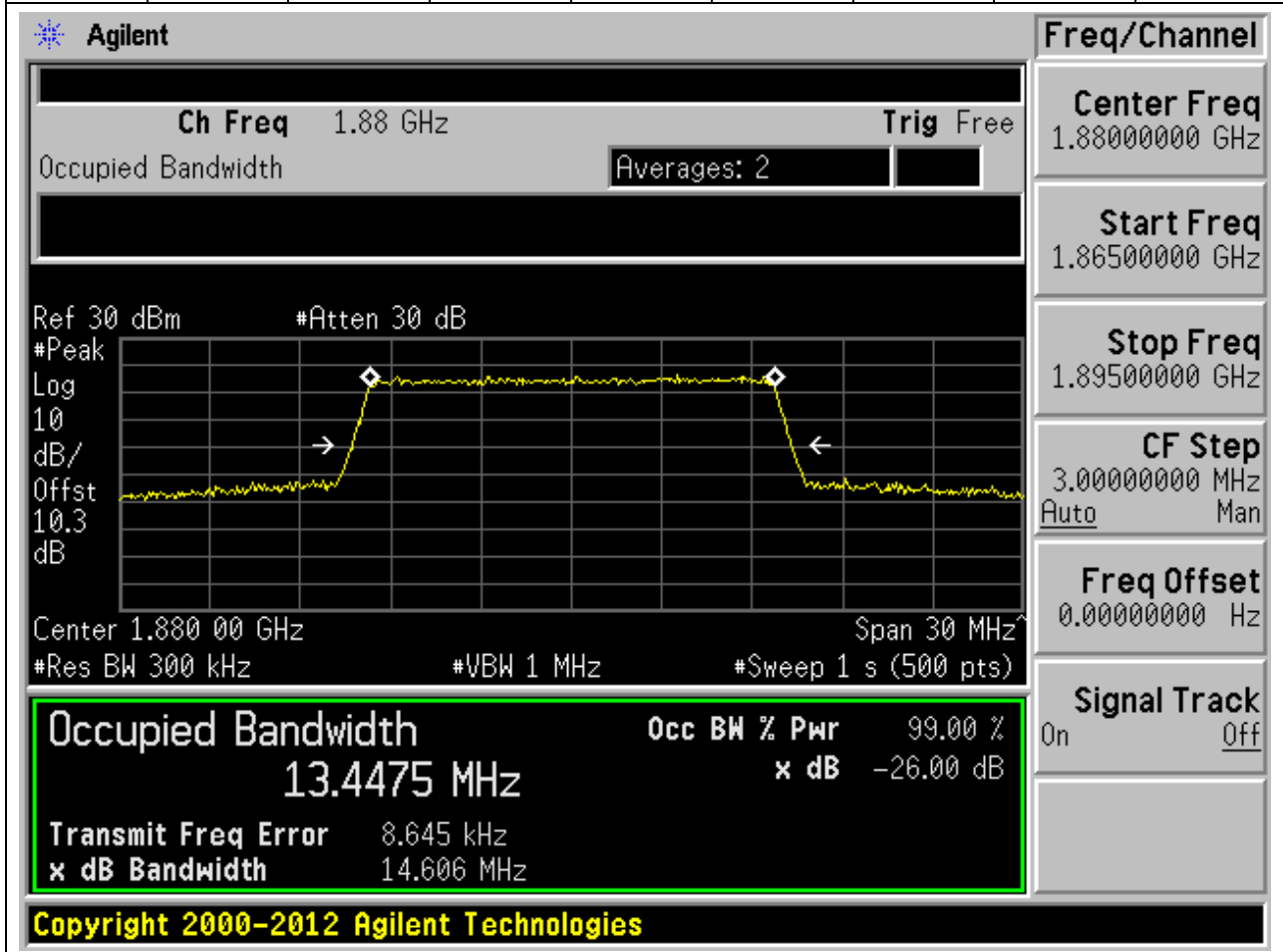
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.414	14.615	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 1.88 GHz with a span of 30 MHz. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'MHz'. The plot shows a signal with a bandwidth of approximately 13.4 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 13.4142 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 14.228 kHz and the 'x dB Bandwidth' is 14.615 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Agilent		Freq/Channel	
Ch Freq	1.88 GHz	Center Freq	1.88000000 GHz
Occupied Bandwidth	Averages: 2	Start Freq	1.86500000 GHz
Ref 30 dBm	#Atten 30 dB	Stop Freq	1.89500000 GHz
#Peak		CF Step	3.00000000 MHz Auto Man
Log		Freq Offset	0.00000000 Hz
10		Signal Track	On Off
dB/Offst			
10.3			
dB			
Center	1.880 00 GHz		
#Res BW	300 kHz		
#VBW	1 MHz		
#Sweep	1 s (500 pts)		
Span 30 MHz			
Occupied Bandwidth		Occ BW % Pwr	99.00 %
13.4142 MHz		x dB	-26.00 dB
Transmit Freq Error			
14.228 kHz			
x dB Bandwidth			
14.615 MHz			
Copyright 2000-2012 Agilent Technologies			

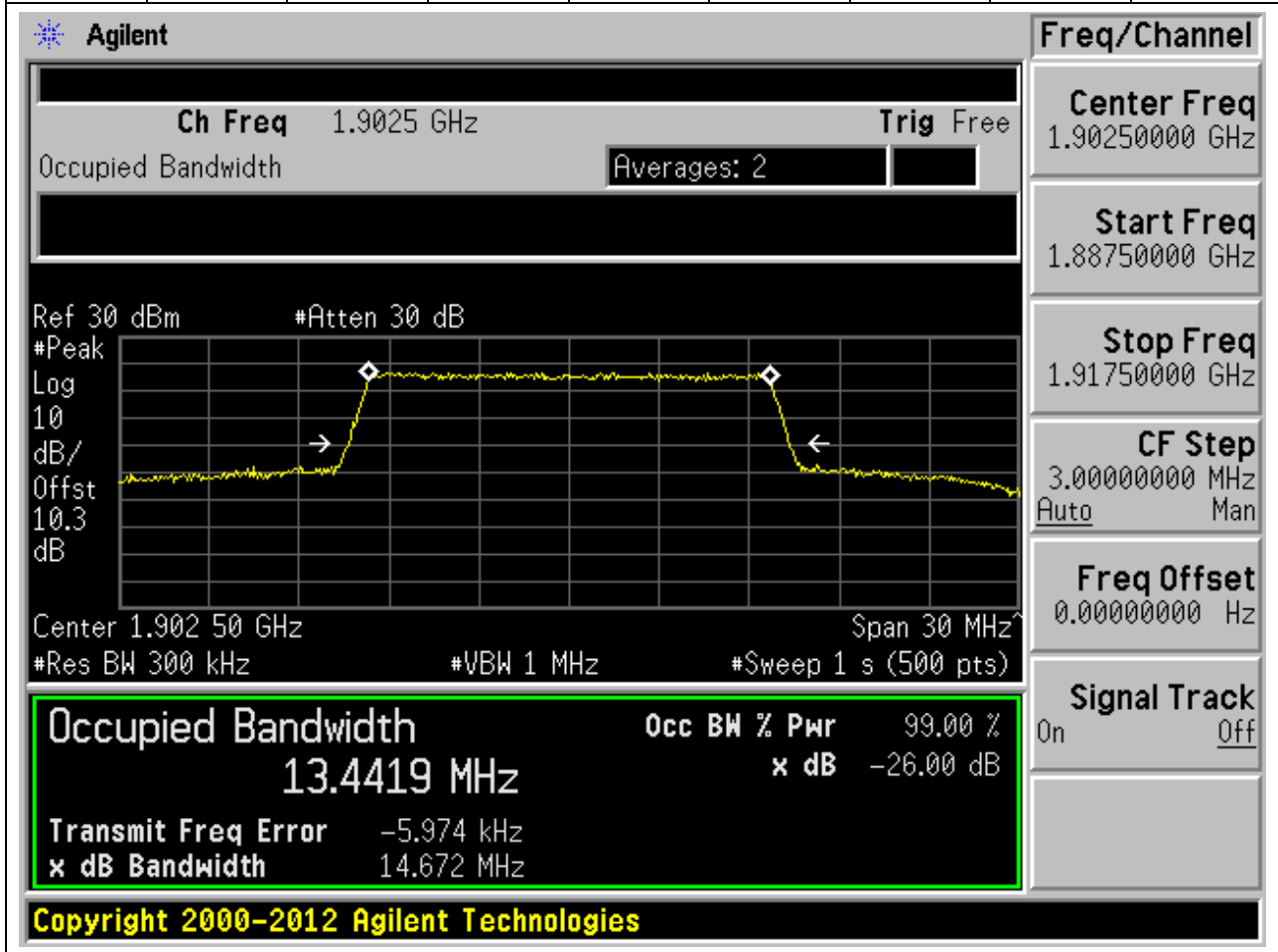
8.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.447	14.606	15	Pass



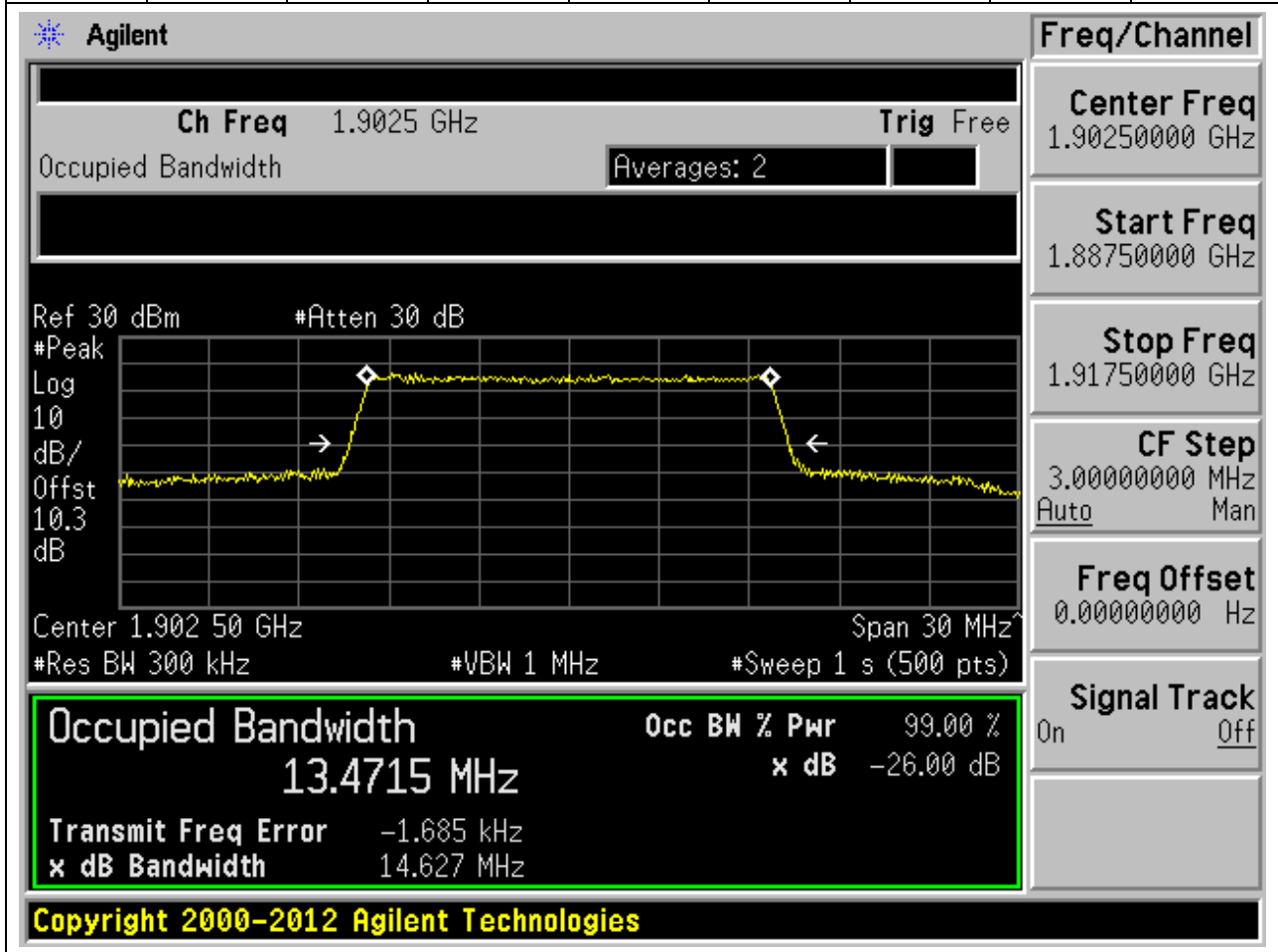
8.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.442	14.672	15	Pass



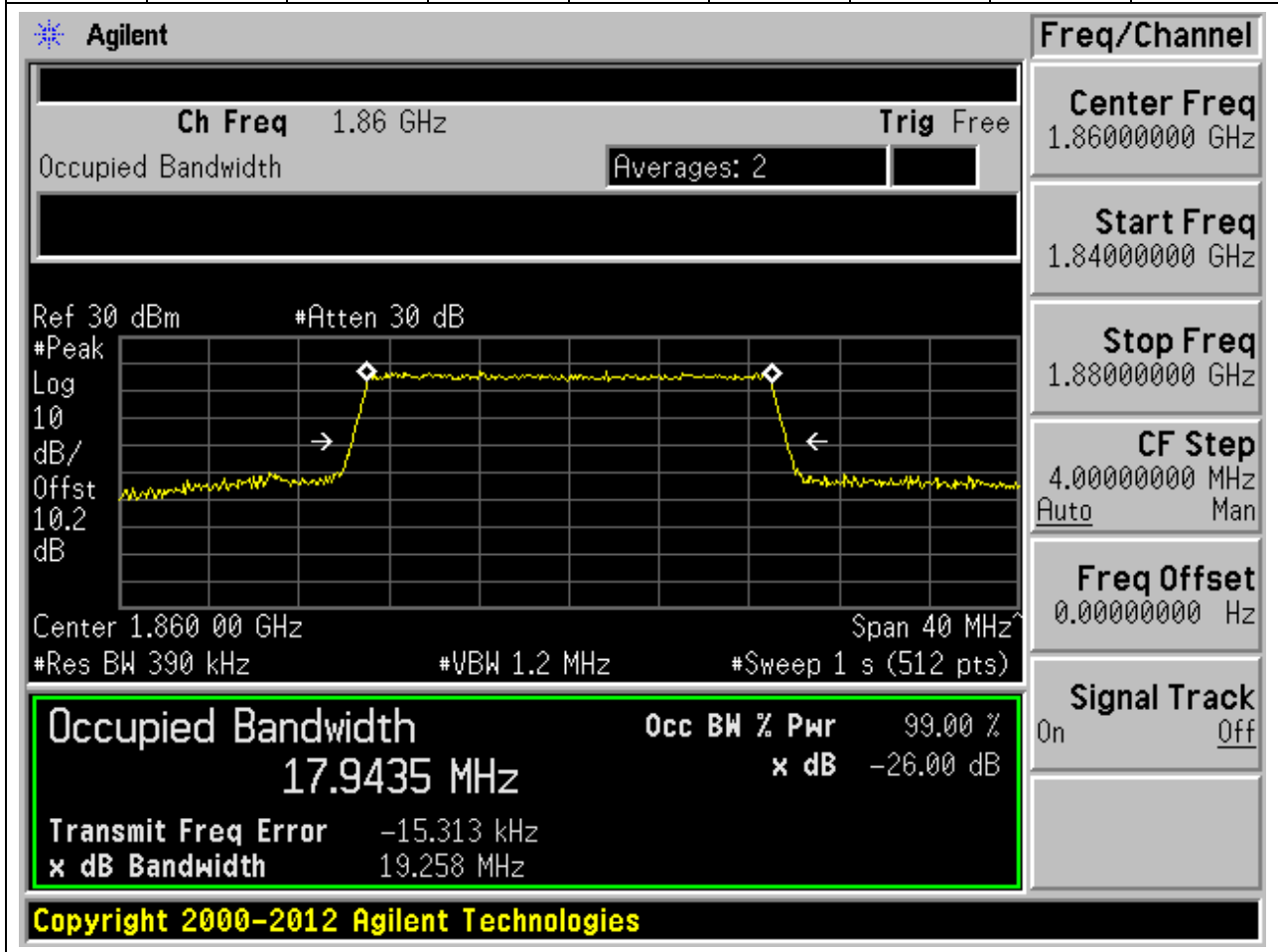
8.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.472	14.627	15	Pass



8.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1860	99	26	0.39	Peak	17.943	19.258	20	Pass



8.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1860	99	26	0.39	Peak	17.972	19.43	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.86 GHz and a span of 40 MHz. The vertical axis is labeled 'dB/Offst' with a value of 10.2 dB. The horizontal axis is labeled 'Span 40 MHz'. The plot shows a signal with a peak at 1.86 GHz. The 'Occupied Bandwidth' is measured as 17.9724 MHz, with a power of 99.00% and a bandwidth of 19.430 MHz. The 'Transmit Freq Error' is 13.879 kHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Parameter	Value
Center Freq	1.86 GHz
Occupied Bandwidth	17.9724 MHz
Occ BW % Pwr	99.00 %
x dB Bandwidth	19.430 MHz
x dB	-26.00 dB
Transmit Freq Error	13.879 kHz

8.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.39	Peak	17.932	19.324	20	Pass

Agilent

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 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)

Freq/Channel

Center Freq 1.88000000 GHz

Start Freq 1.86000000 GHz

Stop Freq 1.90000000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9317 MHz x dB -26.00 dB

Transmit Freq Error -6.770 kHz

x dB Bandwidth 19.324 MHz

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8.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.39	Peak	17.986	19.455	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.88 GHz. The occupied bandwidth is 17.9862 MHz, which is 99.00% of the 18 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 41.385 kHz, and the XdB bandwidth is 19.455 MHz. The interface also shows various settings like Res BW (390 kHz), VBW (1.2 MHz), and Span (40 MHz).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
17.9862 MHz		x dB	-26.00 dB
Transmit Freq Error	41.385 kHz		
x dB Bandwidth	19.455 MHz		

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8.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

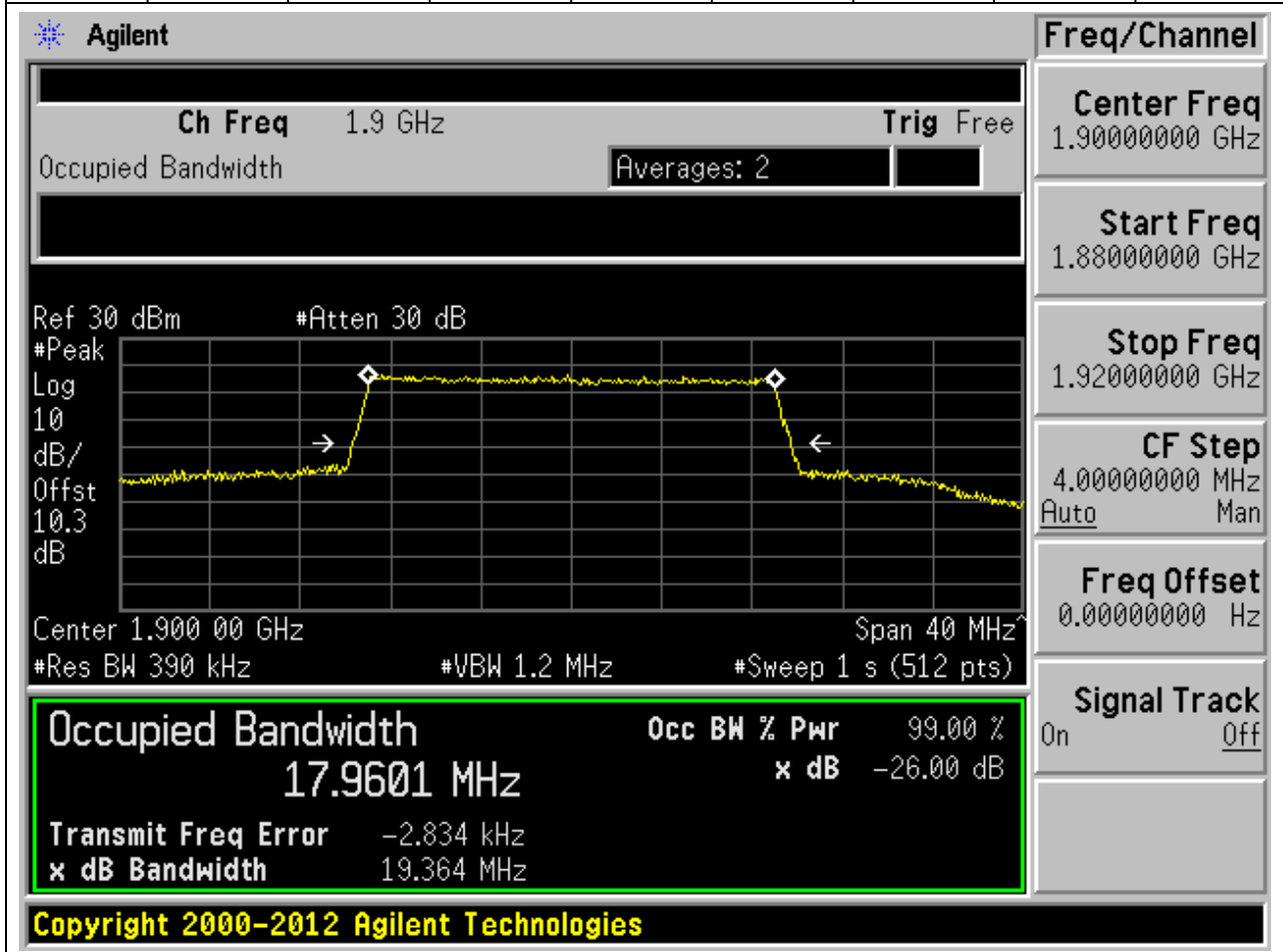
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1900	99	26	0.39	Peak	17.952	19.472	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 1.90000 GHz with a span of 40 MHz. The vertical axis is labeled 'dB/Offst' with a scale of 10.3 dB. The horizontal axis is labeled 'Span 40 MHz'. The plot shows a signal with a peak at approximately 1.90000 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 17.9523 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -24.237 kHz and the 'x dB Bandwidth' is 19.472 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Freq/Channel	
Center Freq	1.90000000 GHz
Start Freq	1.88000000 GHz
Stop Freq	1.92000000 GHz
CF Step	4.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

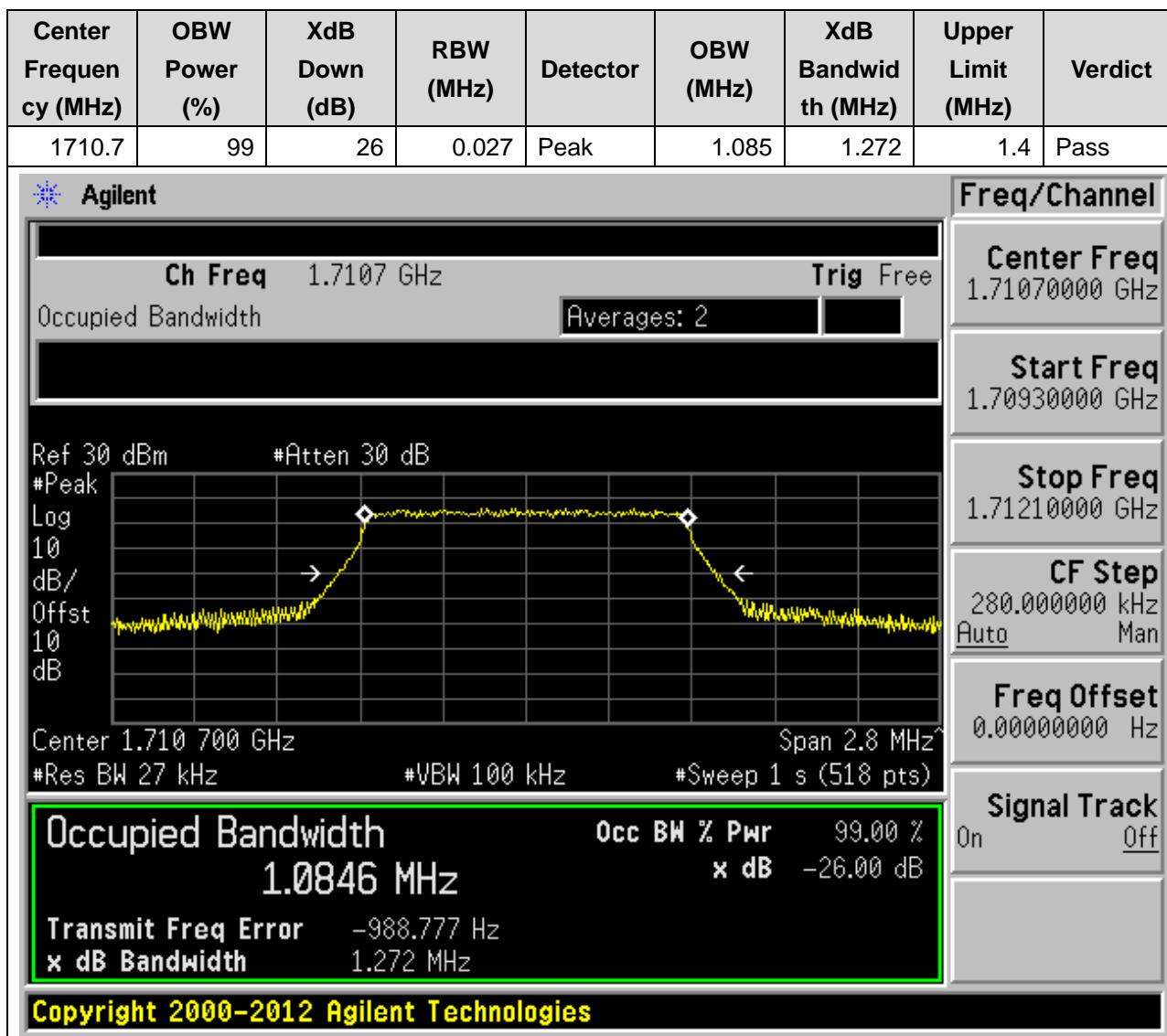
8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1900	99	26	0.39	Peak	17.96	19.364	20	Pass



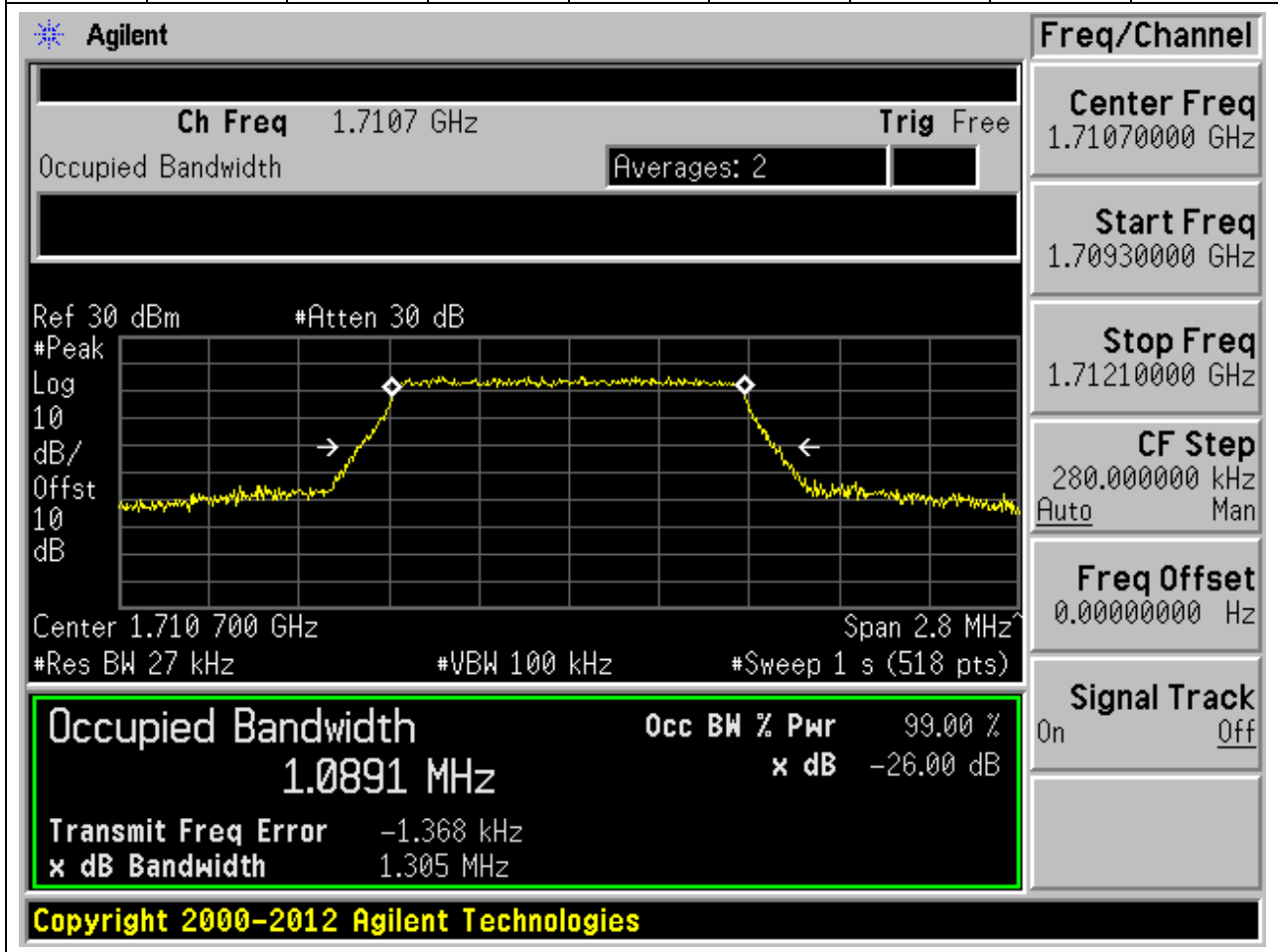
9. LTE_Band4

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.089	1.305	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.087	1.287	1.4	Pass

Agilent

Freq/Channel
Center Freq
1.73250000 GHz
Start Freq
1.73110000 GHz
Stop Freq
1.73390000 GHz
CF Step
280.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 dB

Center 1.732 500 GHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0866 MHz x dB -26.00 dB

Transmit Freq Error -322.186 Hz

x dB Bandwidth 1.287 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.085	1.268	1.4	Pass

Agilent

Freq/Channel
Center Freq
1.73250000 GHz
Start Freq
1.73110000 GHz
Stop Freq
1.73390000 GHz
CF Step
280.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10

dB

Center 1.732 500 GHz Span 2.8 MHz

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

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

1.0854 MHz **x dB** -26.00 dB

Transmit Freq Error -167.852 Hz

x dB Bandwidth 1.268 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.087	1.269	1.4	Pass

Agilent

Ch Freq 1.7543 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.754 300 GHz Span 2.8 MHz

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

Occupied Bandwidth 1.0871 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -1.763 kHz

x dB Bandwidth 1.269 MHz

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Freq/Channel

Center Freq 1.75430000 GHz

Start Freq 1.75290000 GHz

Stop Freq 1.75570000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.088	1.273	1.4	Pass

Agilent
Freq/Channel

Ch Freq 1.7543 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.754 300 GHz Span 2.8 MHz

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

Center Freq
1.75430000 GHz

Start Freq
1.75290000 GHz

Stop Freq
1.75570000 GHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0877 MHz

x dB -26.00 dB

Transmit Freq Error -190.059 Hz

x dB Bandwidth 1.273 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.687	2.914	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 1.7115 GHz with a span of 6 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7115 GHz. The signal level is indicated as 99.00% power and -26.00 dB. The occupied bandwidth is shown as 2.6872 MHz. The resolution bandwidth (RBW) is 62 kHz and the video bandwidth (VBW) is 200 kHz. The sweep time is 1 s (483 pts). The signal track is turned on. The interface also shows various settings such as Ch Freq, Trig, and Freq/Channel parameters.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6872 MHz		x dB	-26.00 dB
Transmit Freq Error		-67.375 Hz	
x dB Bandwidth		2.914 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.68	2.928	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7115 GHz and a span of 6 MHz. The y-axis is labeled 'dB' and the x-axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7115 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6798 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -886.960 Hz and the 'x dB Bandwidth' is 2.928 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Agilent		Freq/Channel	
Ch Freq	1.7115 GHz	Center Freq	1.71150000 GHz
Occupied Bandwidth	Averages: 2	Start Freq	1.70850000 GHz
Ref 30 dBm	#Atten 30 dB	Stop Freq	1.71450000 GHz
#Peak		CF Step	600.000000 kHz Auto Man
Log		Freq Offset	0.00000000 Hz
10		Signal Track	On Off
dB/			
Offst			
10			
dB			
Center	1.711 500 GHz		
#Res BW	62 kHz		
#VBW	200 kHz		
#Sweep	1 s (483 pts)		
Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6798 MHz		x dB	-26.00 dB
Transmit Freq Error	-886.960 Hz		
x dB Bandwidth	2.928 MHz		
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9.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.693	2.922	3	Pass

Agilent

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 dB

Center 1.732 500 GHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
2.6926 MHz x dB -26.00 dB

Transmit Freq Error 2.293 kHz
 x dB Bandwidth 2.922 MHz

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Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.72950000 GHz

Stop Freq 1.73550000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.682	2.912	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7325 GHz and a span of 6 MHz. The y-axis is labeled 'dB' and the x-axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7325 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6823 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -1.284 kHz and the 'x dB Bandwidth' is 2.912 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6823 MHz		x dB	-26.00 dB
Transmit Freq Error		-1.284 kHz	
x dB Bandwidth		2.912 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.689	2.922	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7535 GHz and a span of 6 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 2.6894 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -272.889 Hz and the 'x dB Bandwidth' is 2.922 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the screen.

Freq/Channel	
Center Freq	1.75350000 GHz
Start Freq	1.75050000 GHz
Stop Freq	1.75650000 GHz
CF Step	600.000000 kHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

Occupied Bandwidth 2.6894 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -272.889 Hz

x dB Bandwidth 2.922 MHz

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

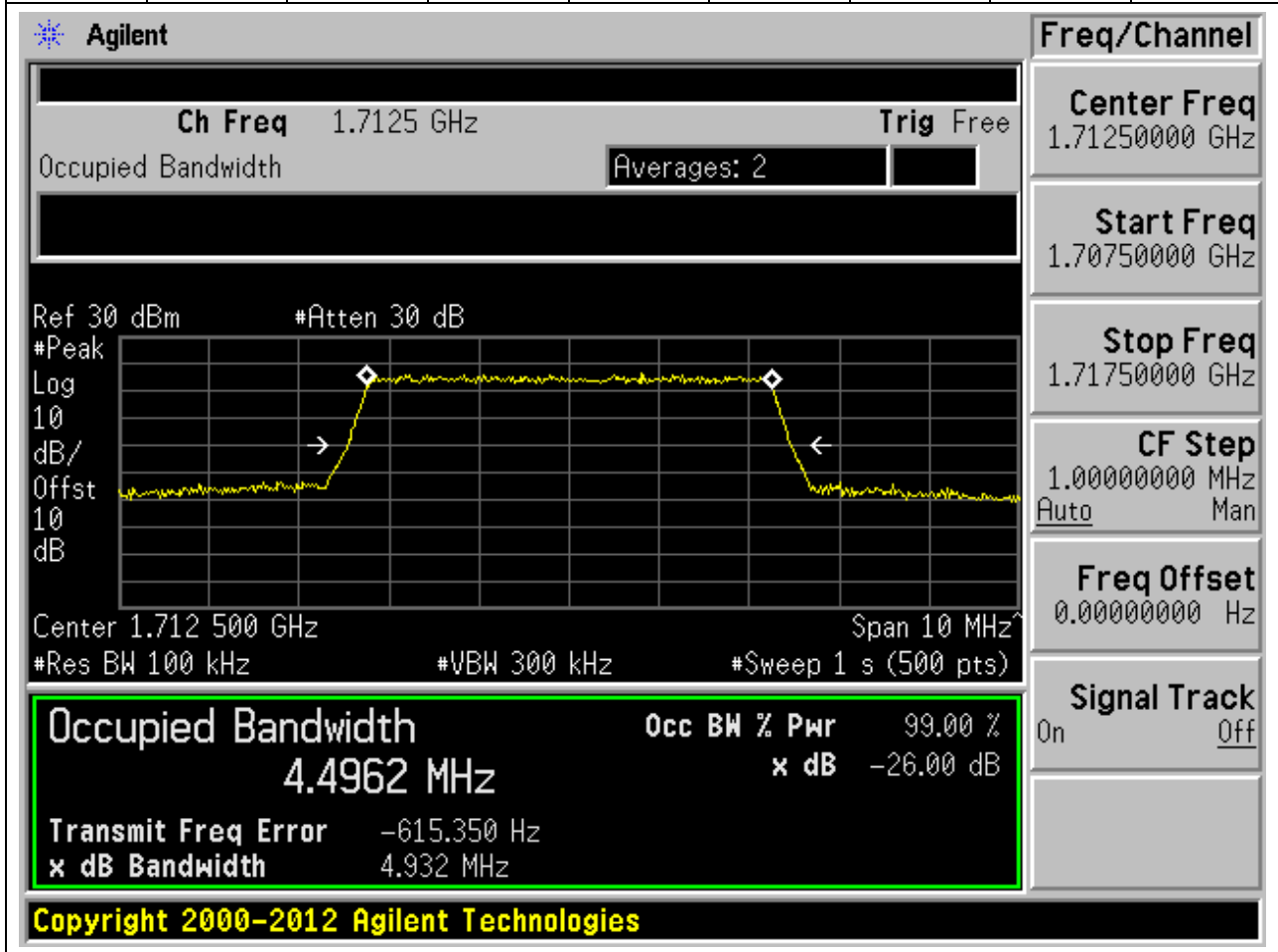
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.686	2.928	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7535 GHz and a span of 6 MHz. The vertical axis is labeled 'dB/Offst' with a scale of 10.1 dB. The horizontal axis is labeled 'Span 6 MHz'. 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 2.6861 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -2.167 kHz and the 'x dB Bandwidth' is 2.928 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the interface.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6861 MHz		x dB	-26.00 dB
Transmit Freq Error		-2.167 kHz	
x dB Bandwidth		2.928 MHz	

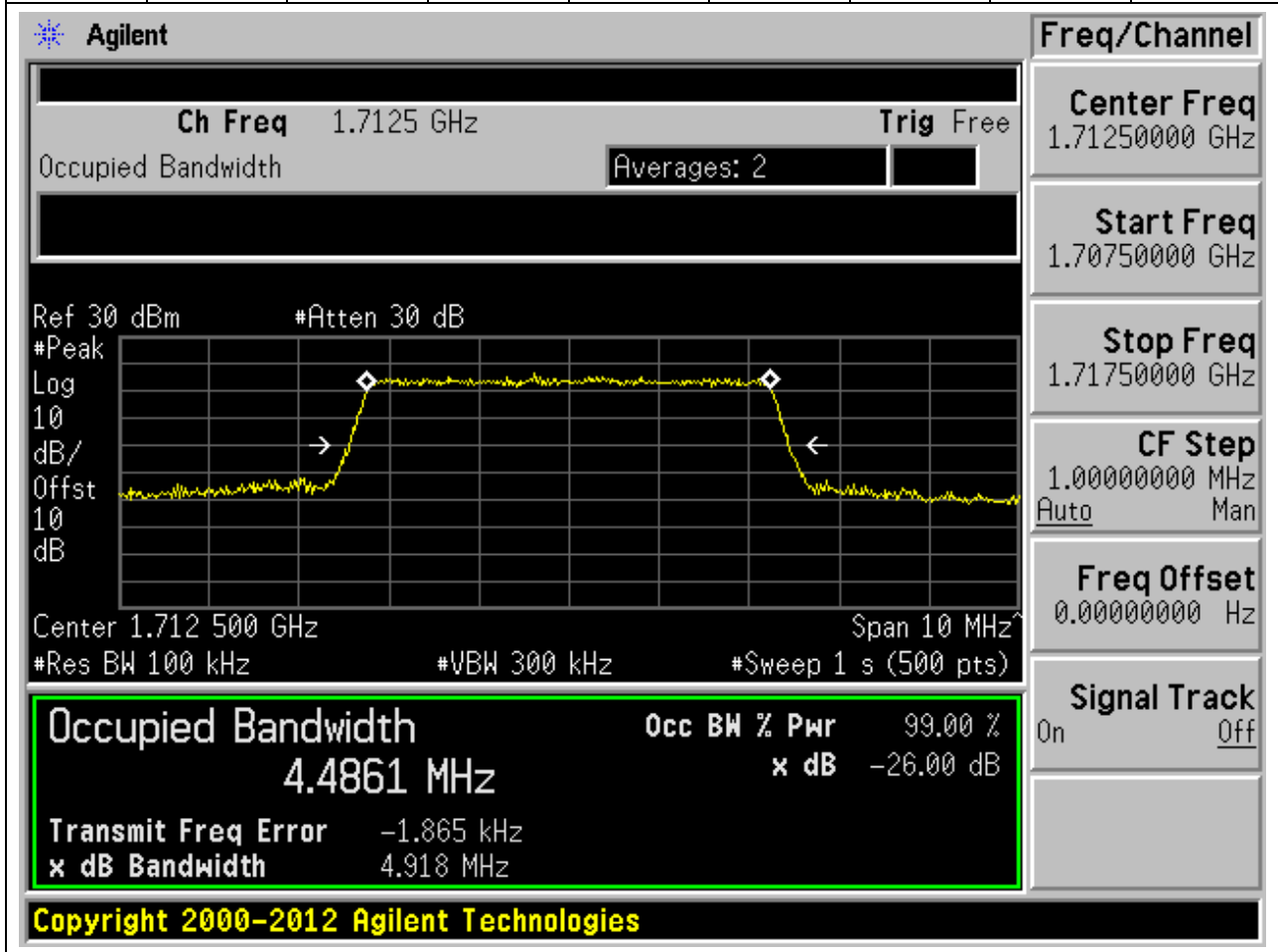
9.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.496	4.932	5	Pass



9.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.486	4.918	5	Pass



9.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	Peak	4.489	4.926	5	Pass

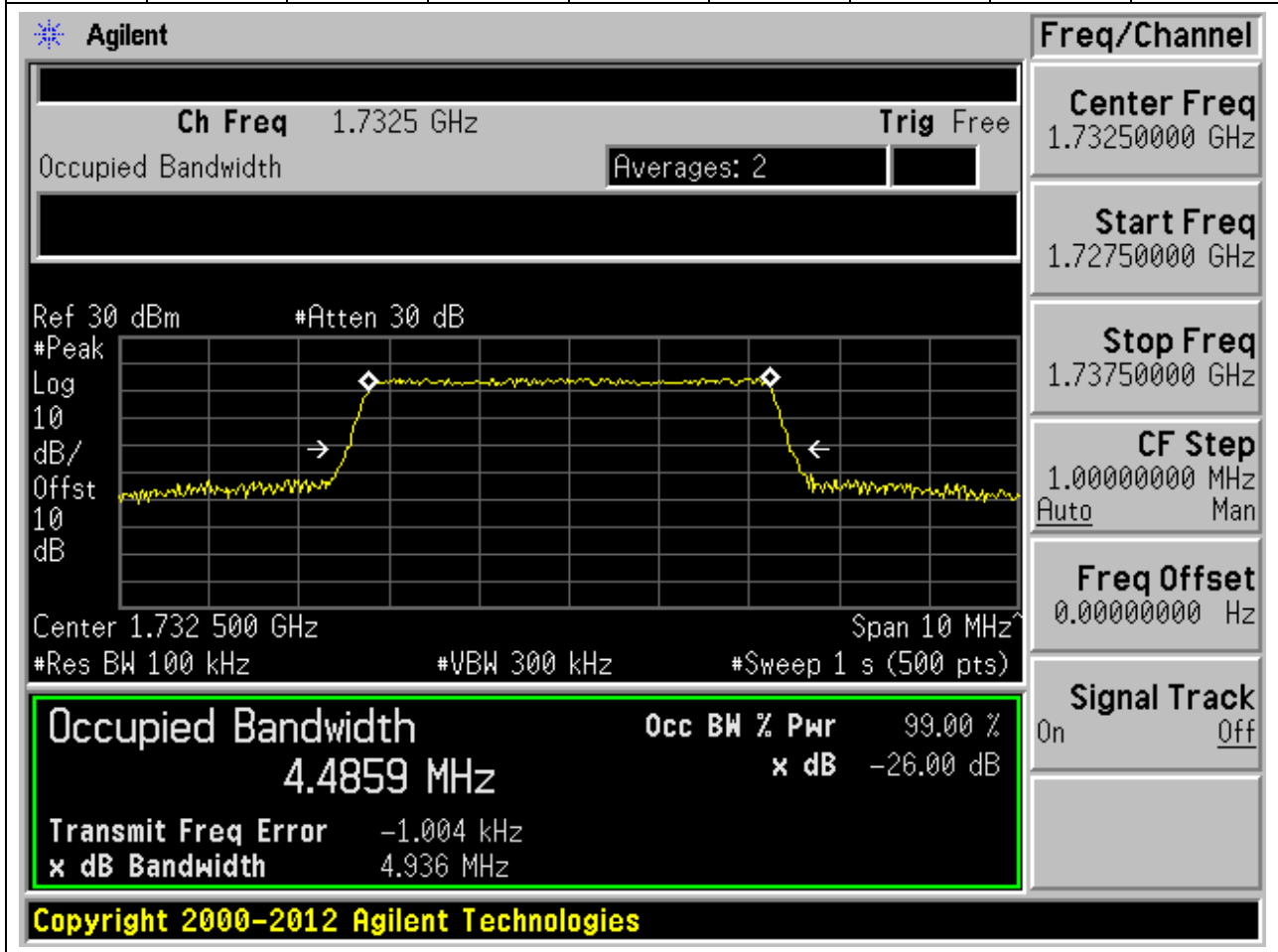
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.7325 GHz. The occupied bandwidth is 4.4894 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -1.241 kHz, and the XdB bandwidth is 4.926 MHz. The interface also shows various settings like Res BW (100 kHz), VBW (300 kHz), and Span (10 MHz).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4894 MHz		x dB	-26.00 dB
Transmit Freq Error		-1.241 kHz	
x dB Bandwidth		4.926 MHz	

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9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	Peak	4.486	4.936	5	Pass



9.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	Peak	4.52	5.537	5	Pass

Agilent

Ch Freq 1.7525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.39 dBm #Atten 30 dB

Center 1.752 500 GHz Span 10 MHz

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

Freq/Channel

Center Freq 1.75250000 GHz

Start Freq 1.74750000 GHz

Stop Freq 1.75750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

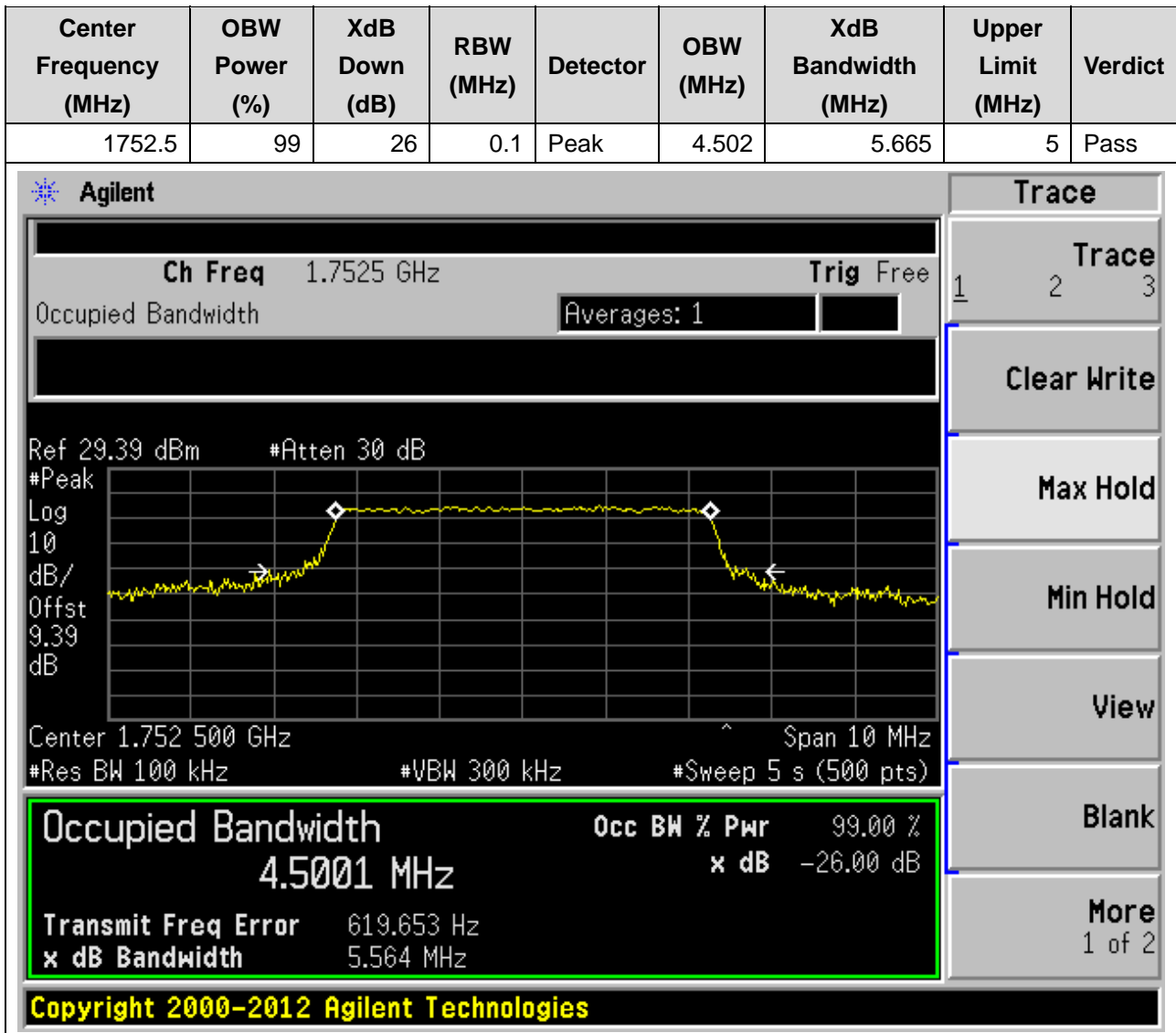
4.5197 MHz x dB -26.00 dB

Transmit Freq Error -1.374 kHz

x dB Bandwidth 5.537 MHz

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9.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.956	9.786	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.715 GHz and a span of 20 MHz. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'Span 20 MHz'. The plot shows a signal with a peak at approximately 1.715 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 8.956 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 819.643 Hz and the 'x dB Bandwidth' is 9.786 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Agilent		Freq/Channel	
Ch Freq	1.715 GHz	Center Freq	1.71500000 GHz
Occupied Bandwidth	Averages: 2	Start Freq	1.70500000 GHz
		Stop Freq	1.72500000 GHz
		CF Step	2.00000000 MHz Auto Man
		Freq Offset	0.00000000 Hz
		Signal Track	On Off

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
8.9560 MHz x dB -26.00 dB

Transmit Freq Error 819.643 Hz
x dB Bandwidth 9.786 MHz

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9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.974	9.785	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 1.715 GHz. The occupied bandwidth is 8.974 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The RBW is 0.2 MHz, and the detector is Peak. The upper limit is 10 MHz. The signal track is On. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
8.9744 MHz		x dB	-26.00 dB
Transmit Freq Error	11.178 kHz		
x dB Bandwidth	9.785 MHz		

9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.972	9.771	10	Pass

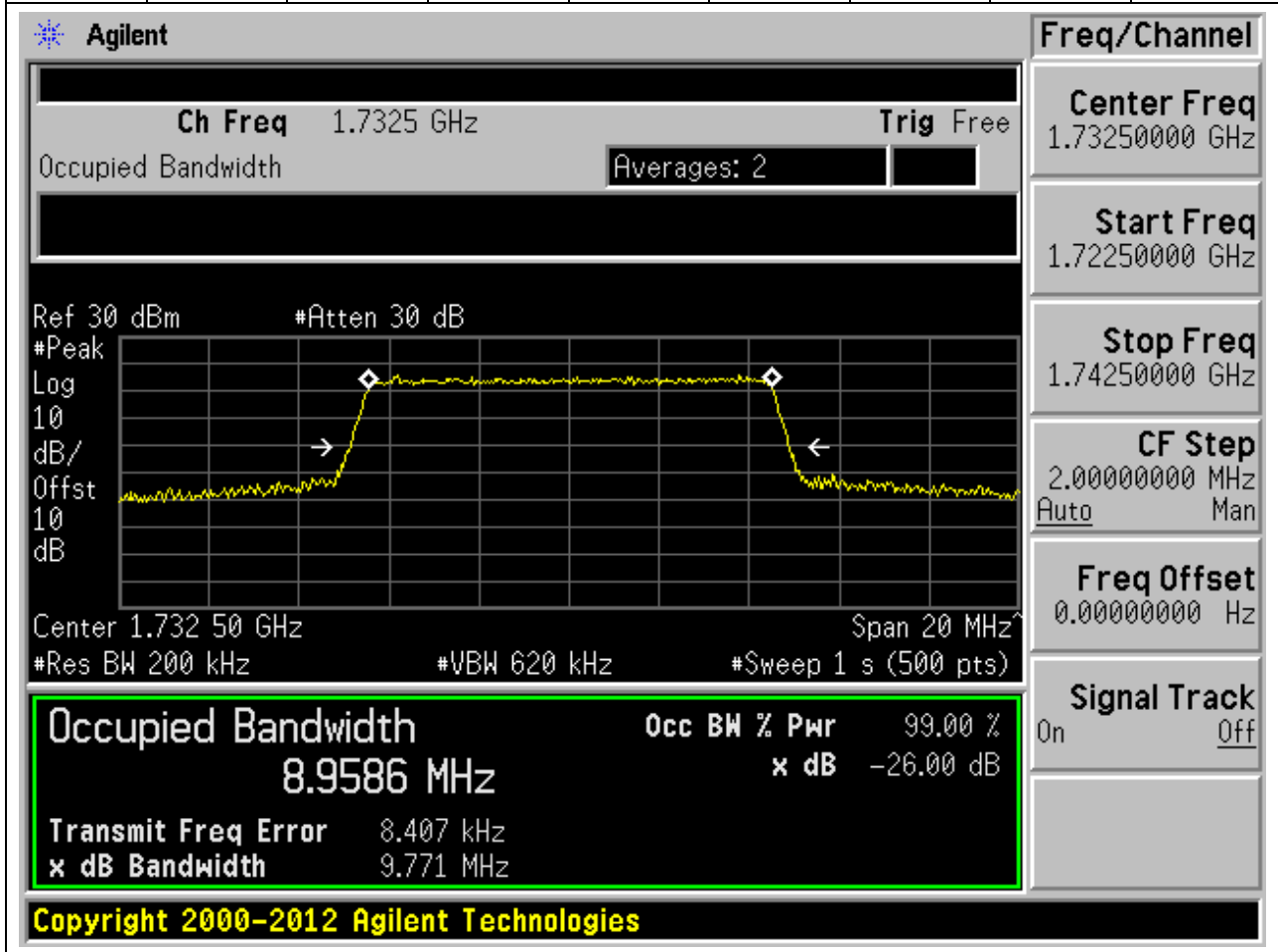
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.7325 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 8.9724 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 2.183 kHz, and the XdB bandwidth is 9.771 MHz. The interface also shows various settings such as Res BW (200 kHz), VBW (620 kHz), and Sweep (1 s, 500 pts).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
8.9724 MHz		x dB	-26.00 dB
Transmit Freq Error	2.183 kHz		
x dB Bandwidth	9.771 MHz		

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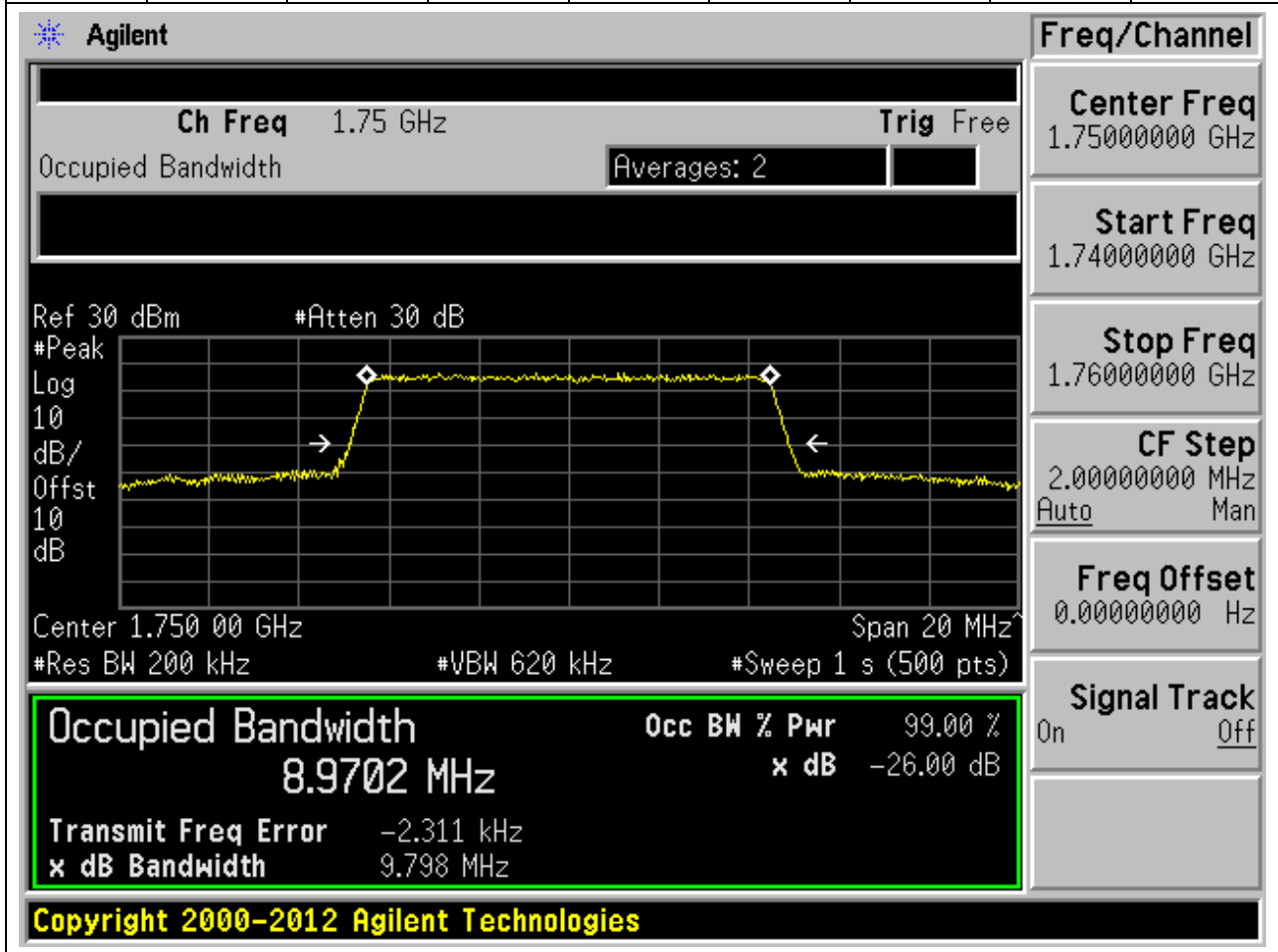
9.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.959	9.771	10	Pass



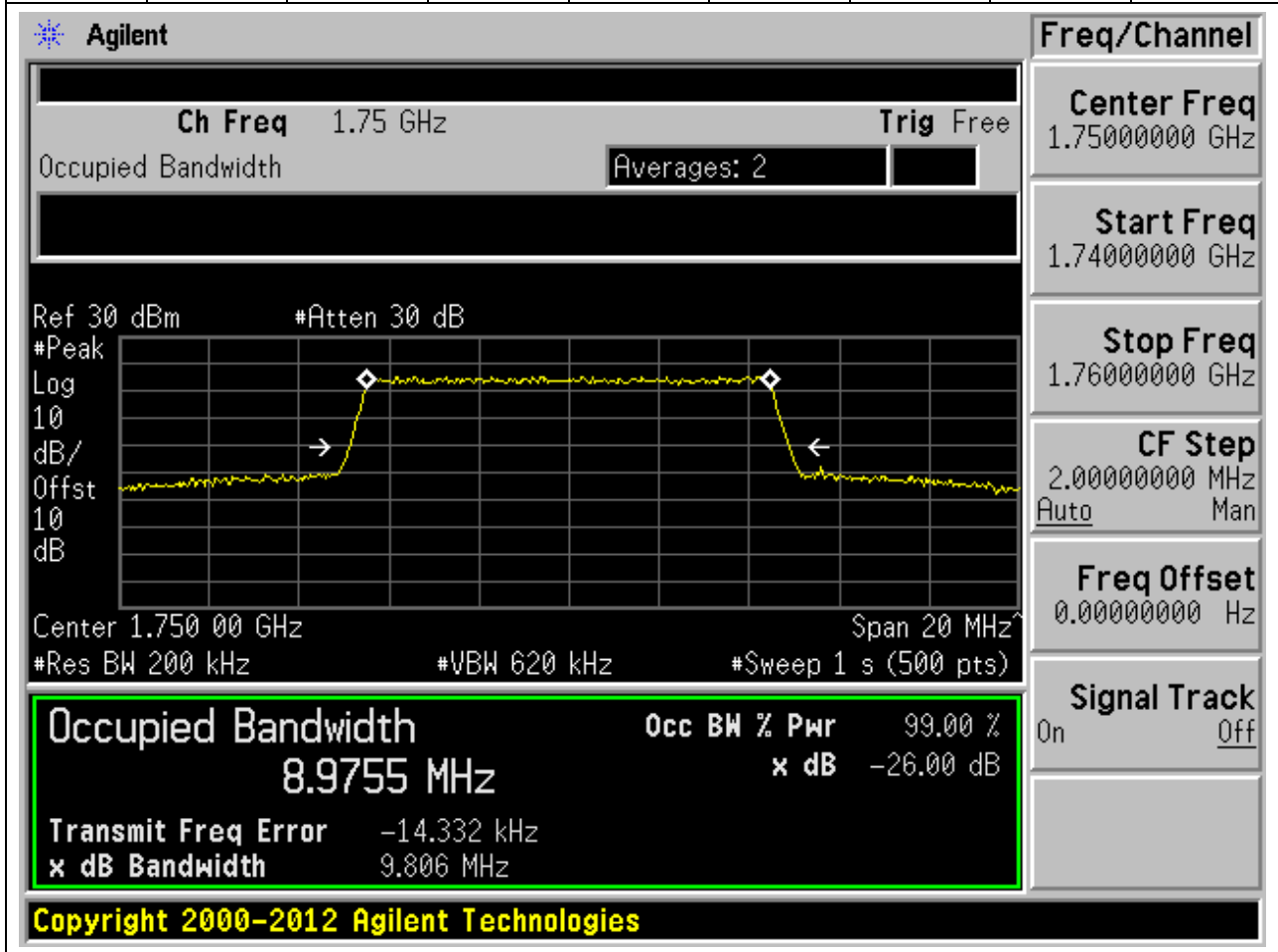
9.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.97	9.798	10	Pass



9.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.976	9.806	10	Pass



9.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.465	14.655	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7175 GHz and a span of 30 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7175 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 13.4653 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 1.749 kHz and the 'x dB Bandwidth' is 14.655 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
13.4653 MHz		x dB	-26.00 dB
Transmit Freq Error	1.749 kHz		
x dB Bandwidth	14.655 MHz		

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9.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.46	14.675	15	Pass

Agilent

Freq/Channel
Center Freq
1.71750000 GHz
Start Freq
1.70250000 GHz
Stop Freq
1.73250000 GHz
CF Step
3.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 dB

Center 1.717 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4596 MHz x dB -26.00 dB

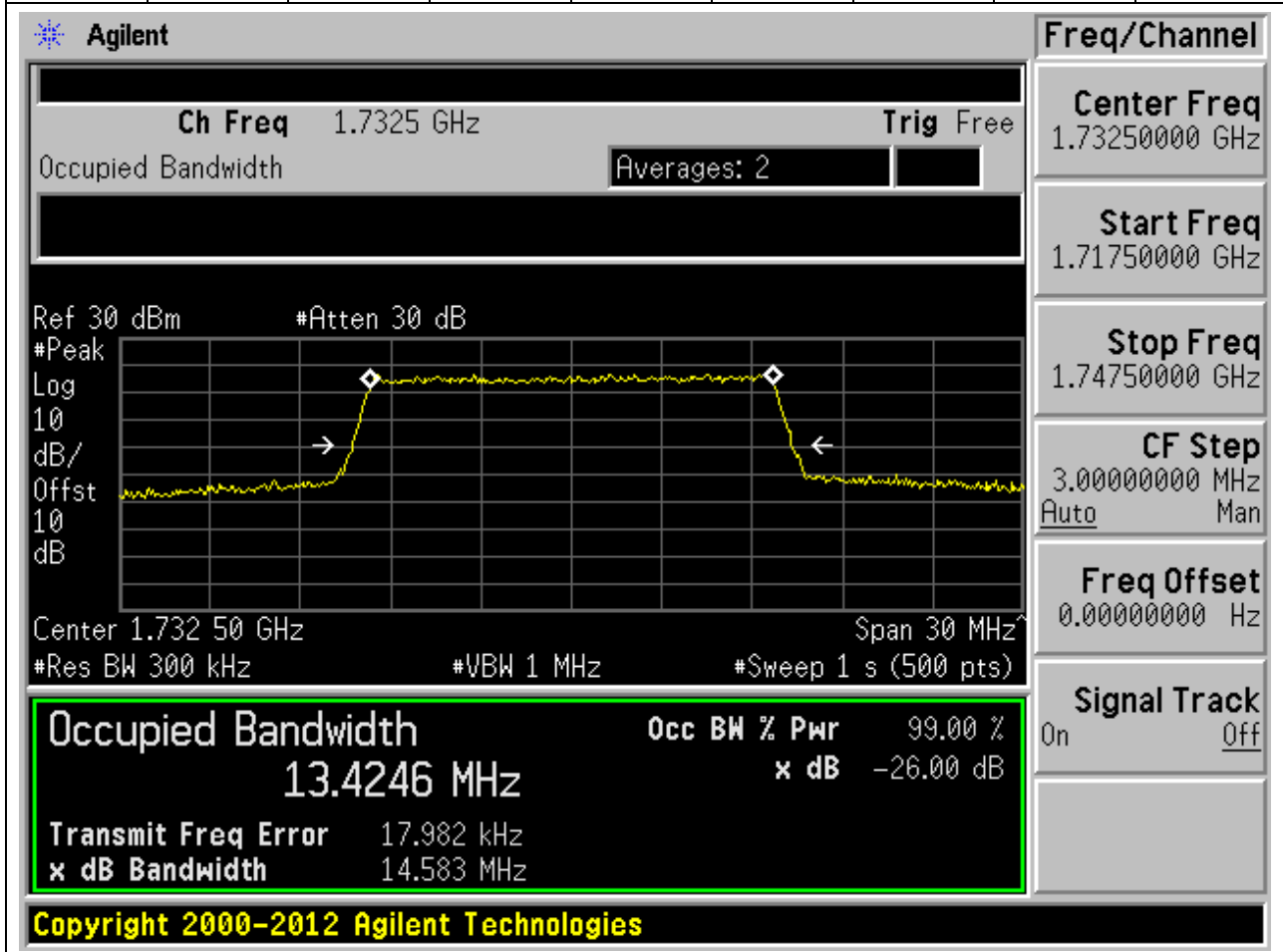
Transmit Freq Error -2.180 kHz

x dB Bandwidth 14.675 MHz

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9.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.425	14.583	15	Pass



9.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.45	14.626	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7325 GHz and a span of 30 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7325 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 13.4498 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 23.192 kHz and the 'x dB Bandwidth' is 14.626 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
13.4498 MHz		x dB	-26.00 dB
Transmit Freq Error		23.192 kHz	
x dB Bandwidth		14.626 MHz	

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9.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.441	14.629	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 1.7475 GHz with a span of 30 MHz. The resolution bandwidth (RBW) is 300 kHz and the video bandwidth (VBW) is 1 MHz. The sweep time is 1 second with 500 points. The plot shows a signal with a peak at approximately -26 dB. The occupied bandwidth is measured as 13.4409 MHz, which is 99.00% of the 14.629 MHz bandwidth. The transmit frequency error is -1.606 kHz. The signal track is turned on.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
13.4409 MHz		x dB	-26.00 dB
Transmit Freq Error	-1.606 kHz		
x dB Bandwidth	14.629 MHz		

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9.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.438	14.637	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7475 GHz and a span of 30 MHz. The resolution bandwidth (RBW) is 300 kHz, and the video bandwidth (VBW) is 1 MHz. The plot shows a signal with a peak level of approximately -26 dB. The occupied bandwidth is measured as 13.4376 MHz, which is 99.00% of the total bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 69.298 Hz, and the XdB bandwidth is 14.637 MHz. The interface also shows various settings such as Ch Freq (1.7475 GHz), Trig (Free), Averages (2), and various frequency and bandwidth parameters.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
13.4376 MHz		x dB	-26.00 dB
Transmit Freq Error	69.298 Hz		
x dB Bandwidth	14.637 MHz		

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9.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.933	19.29	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 1.720 GHz with a span of 40 MHz. The y-axis is labeled 'dB' and the x-axis is labeled 'MHz'. The plot shows a signal with a peak at 1.720 GHz and a bandwidth of 17.9335 MHz. The signal is measured at a reference level of 30 dBm and an attenuation of 30 dB. The signal is measured at a resolution bandwidth of 390 kHz and a video bandwidth of 1.2 MHz. The signal is measured at a sweep rate of 1 s (512 pts). The signal is measured at a center frequency of 1.720 GHz. The signal is measured at a channel width of 20 MHz. The signal is measured at a subcarrier spacing of 15 kHz. The signal is measured at a cyclic prefix length of 16.667%. The signal is measured at a modulation of QPSK. The signal is measured at a bandwidth of 19.290 MHz. The signal is measured at a power of 99.00%. The signal is measured at a dB down of -26.00 dB. The signal is measured at a transmit frequency error of 8.230 kHz. The signal is measured at a dB bandwidth of 19.290 MHz.

Occupied Bandwidth 17.9335 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

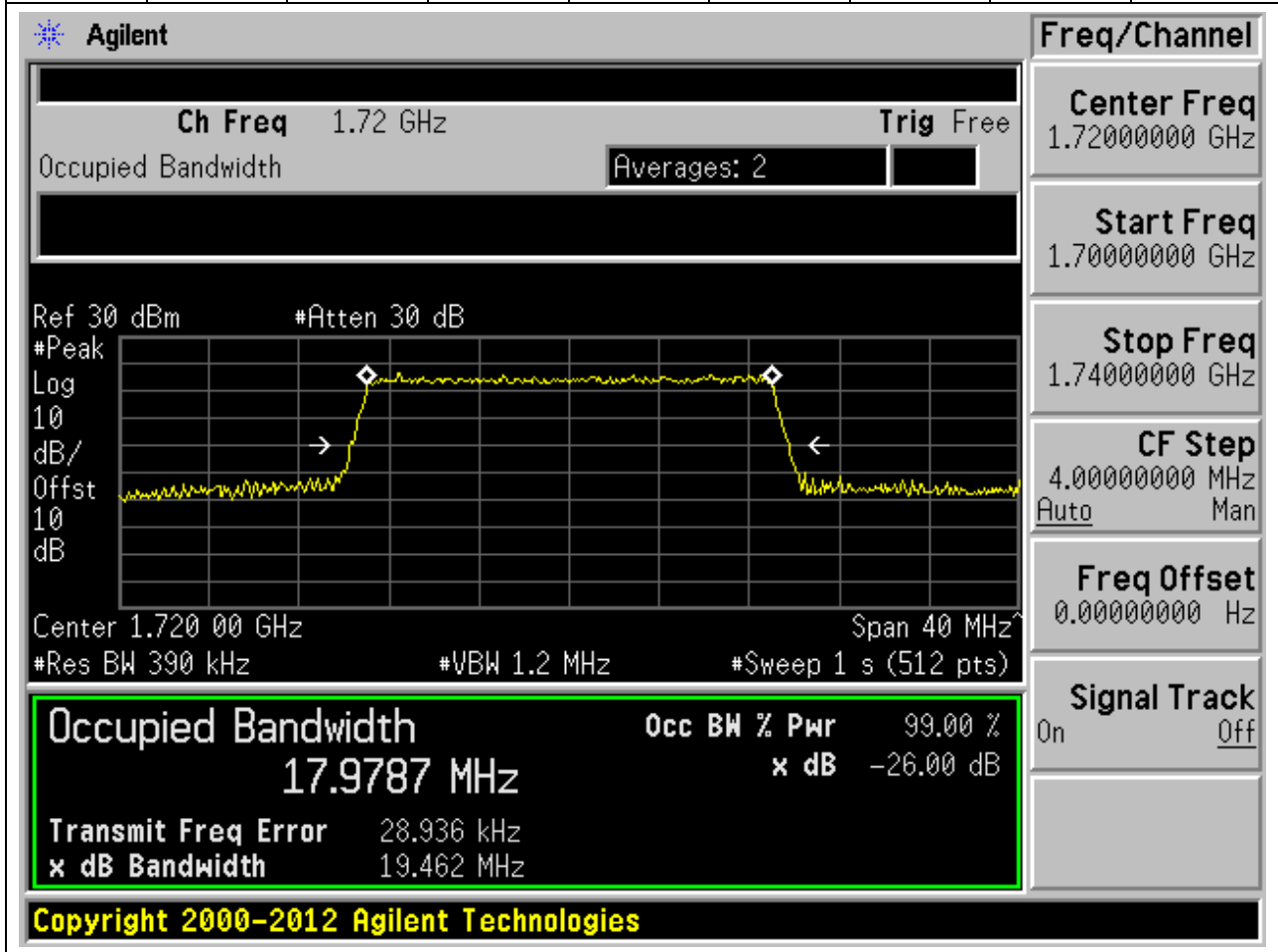
Transmit Freq Error 8.230 kHz

x dB Bandwidth 19.290 MHz

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9.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.979	19.462	20	Pass



9.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.39	Peak	17.932	19.337	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.7325 GHz and a span of 40 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.7325 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 17.9321 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 31.523 kHz and the 'x dB Bandwidth' is 19.337 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
17.9321 MHz		x dB	-26.00 dB
Transmit Freq Error	31.523 kHz		
x dB Bandwidth	19.337 MHz		

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9.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.39	Peak	17.93	19.402	20	Pass

Agilent

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 dB

Center 1.732 50 GHz Span 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
 17.9296 MHz x dB -26.00 dB

Transmit Freq Error 4.688 kHz
 x dB Bandwidth 19.402 MHz

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Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.71250000 GHz

Stop Freq 1.75250000 GHz

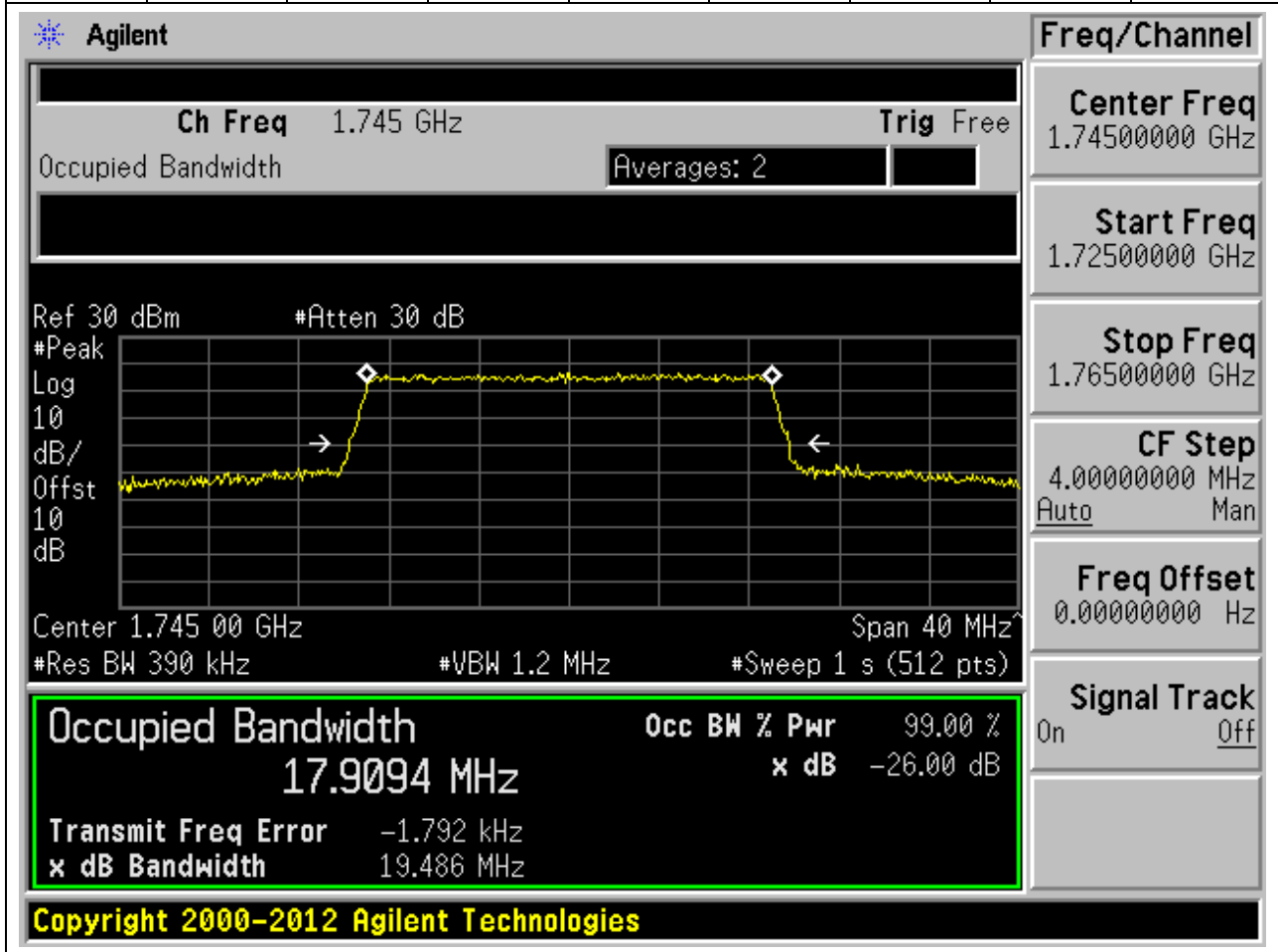
CF Step 4.00000000 MHz
 Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

9.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.909	19.486	20	Pass



9.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.907	19.32	20	Pass

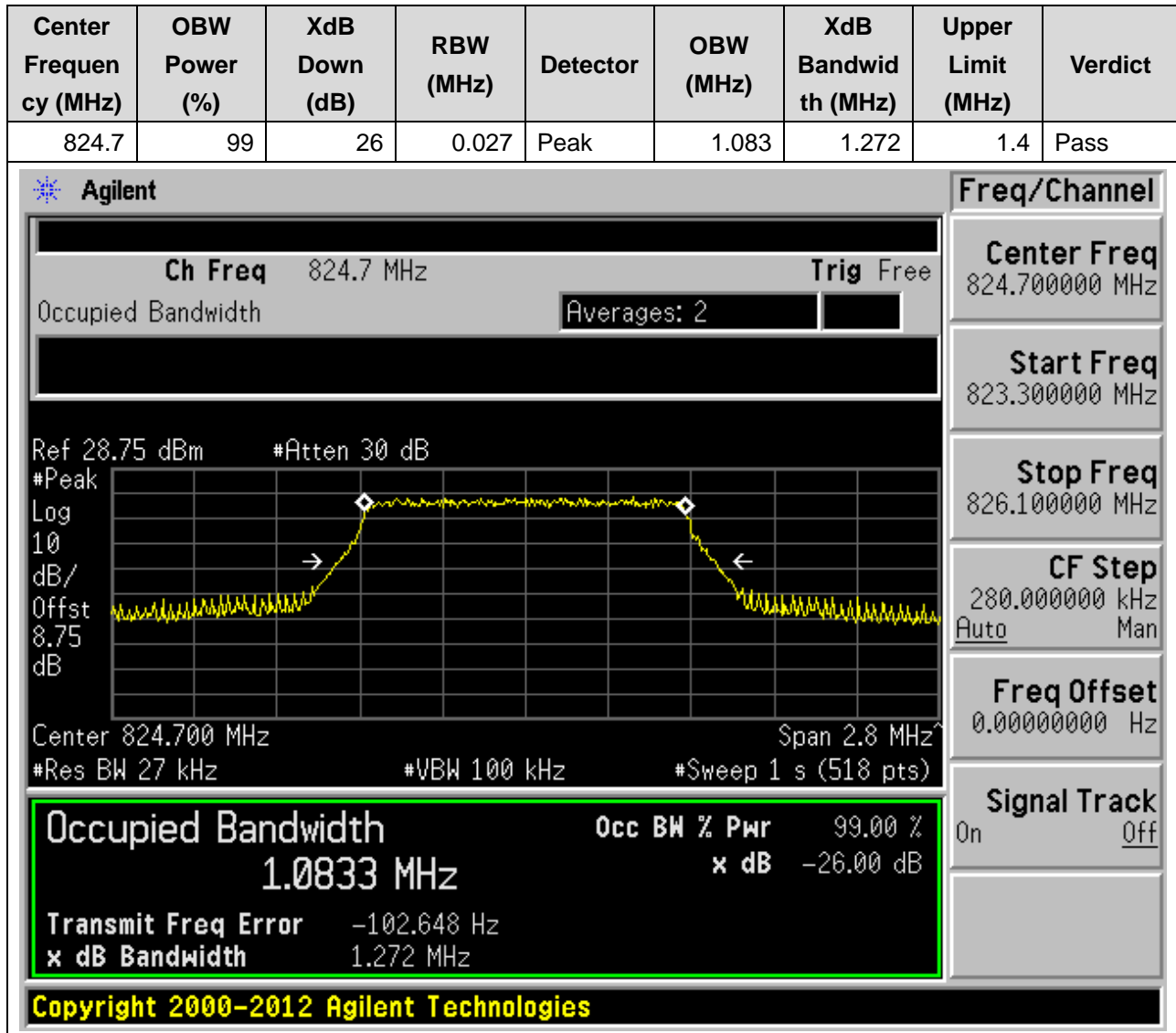
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.745 GHz. The occupied bandwidth is 17.9070 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 13.514 kHz, and the XdB bandwidth is 19.320 MHz. The interface also shows various settings like Res BW (390 kHz), VBW (1.2 MHz), and Sweep (1 s).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
17.9070 MHz		x dB	-26.00 dB
Transmit Freq Error	13.514 kHz		
x dB Bandwidth	19.320 MHz		

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10. LTE_Band5

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



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

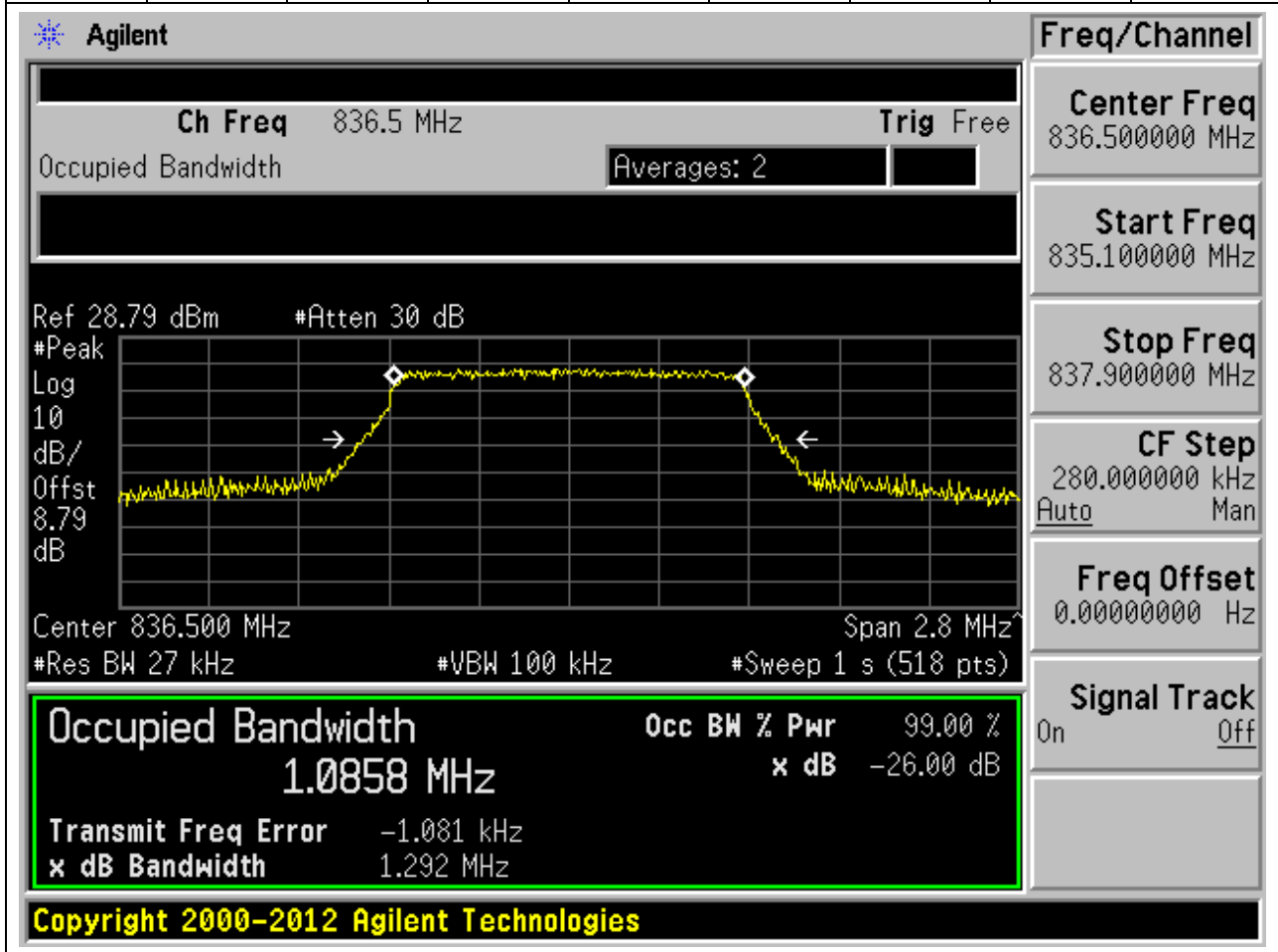
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.091	1.29	1.4	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 824.700 MHz with a span of 2.8 MHz. The vertical axis is labeled 'dB/Offst' with a reference level of 28.75 dB and an offset of 8.75 dB. The horizontal axis is labeled 'Span 2.8 MHz'. The plot shows a signal with a peak at 824.700 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 1.0914 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -4.826 kHz and the 'x dB Bandwidth' is 1.290 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Parameter	Value
Ch Freq	824.7 MHz
Trig	Free
Averages	2
Ref	28.75 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	1.0914 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-4.826 kHz
x dB Bandwidth	1.290 MHz

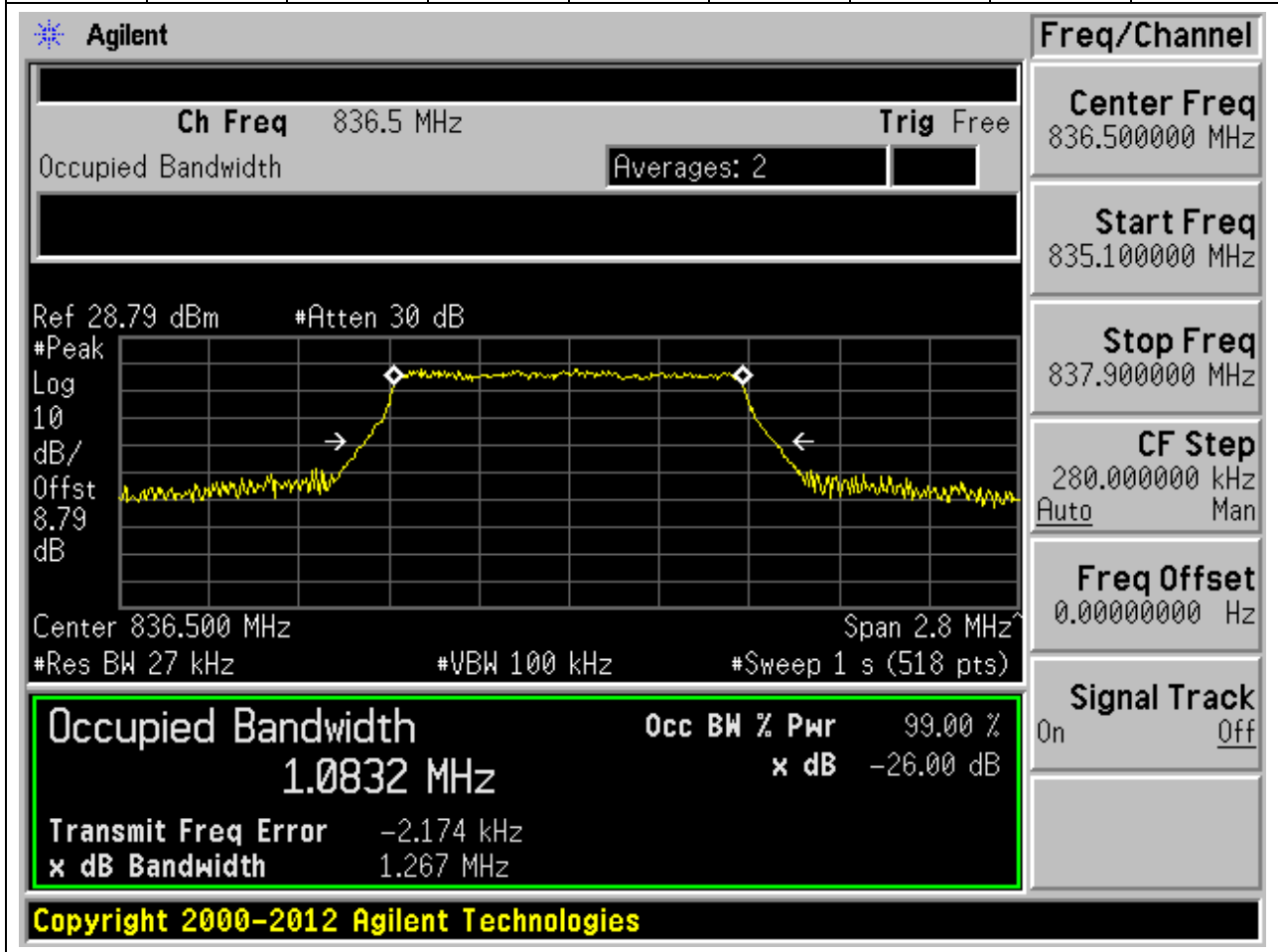
10.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.086	1.292	1.4	Pass



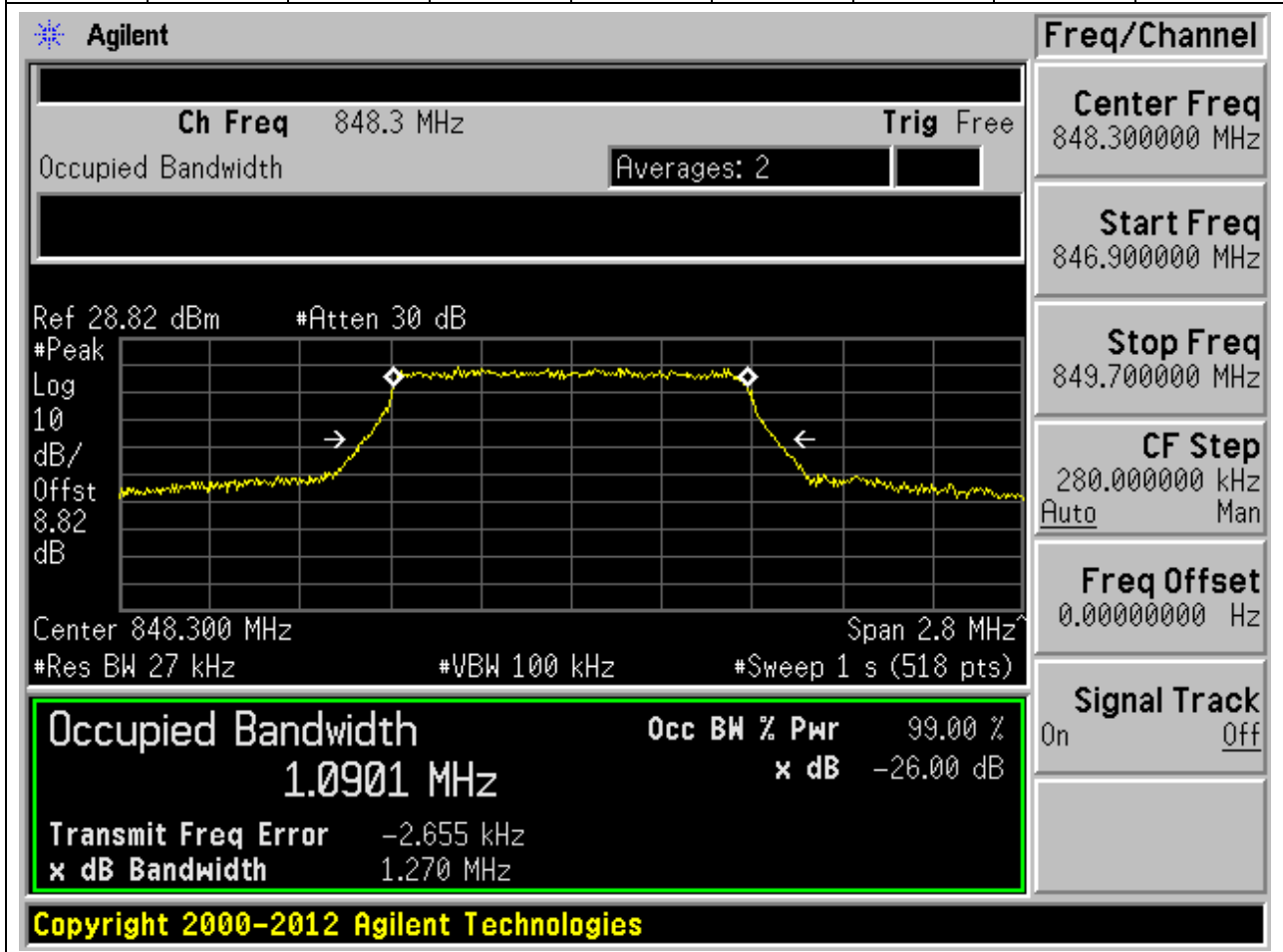
10.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.083	1.267	1.4	Pass



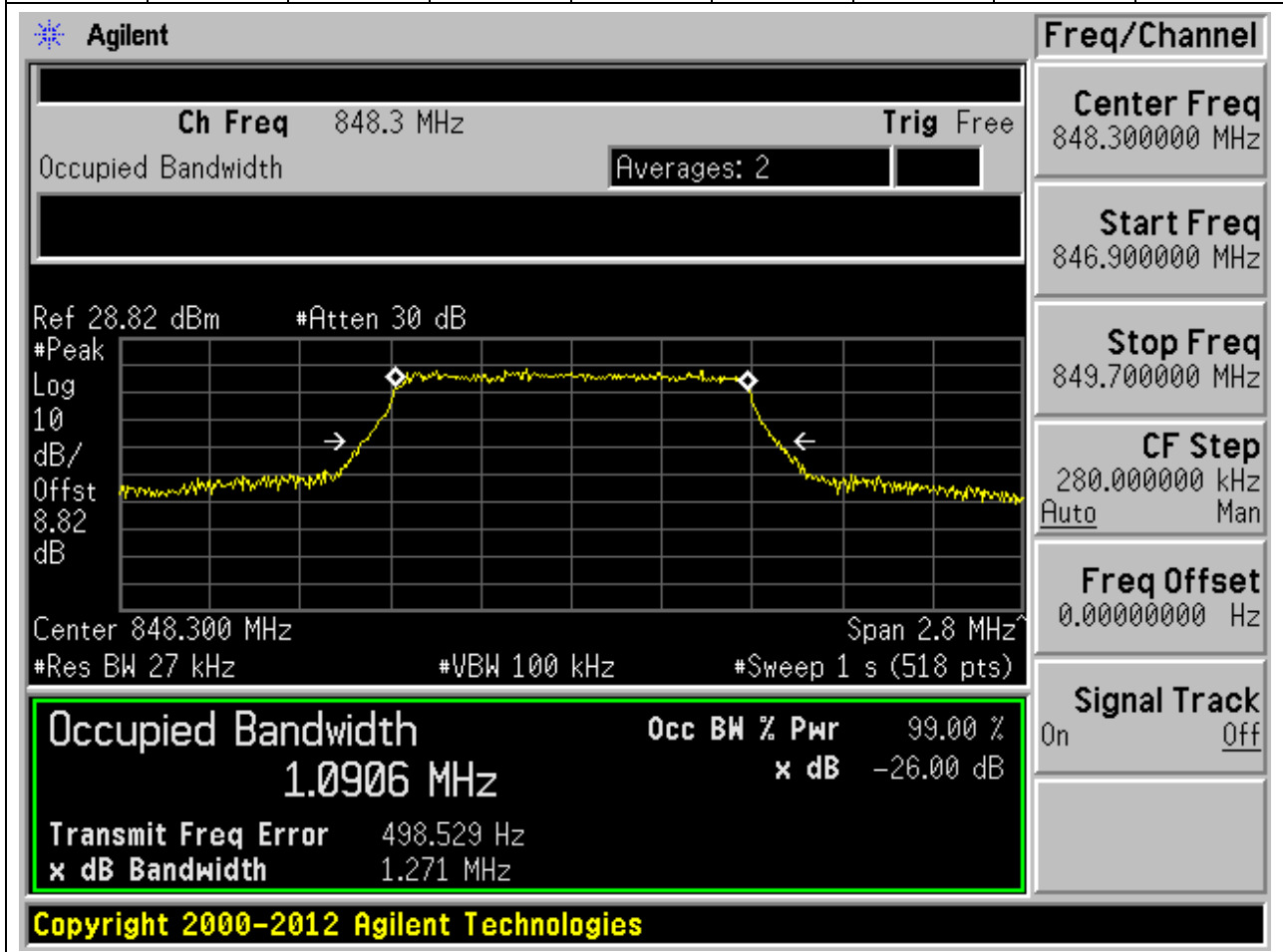
10.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.27	1.4	Pass



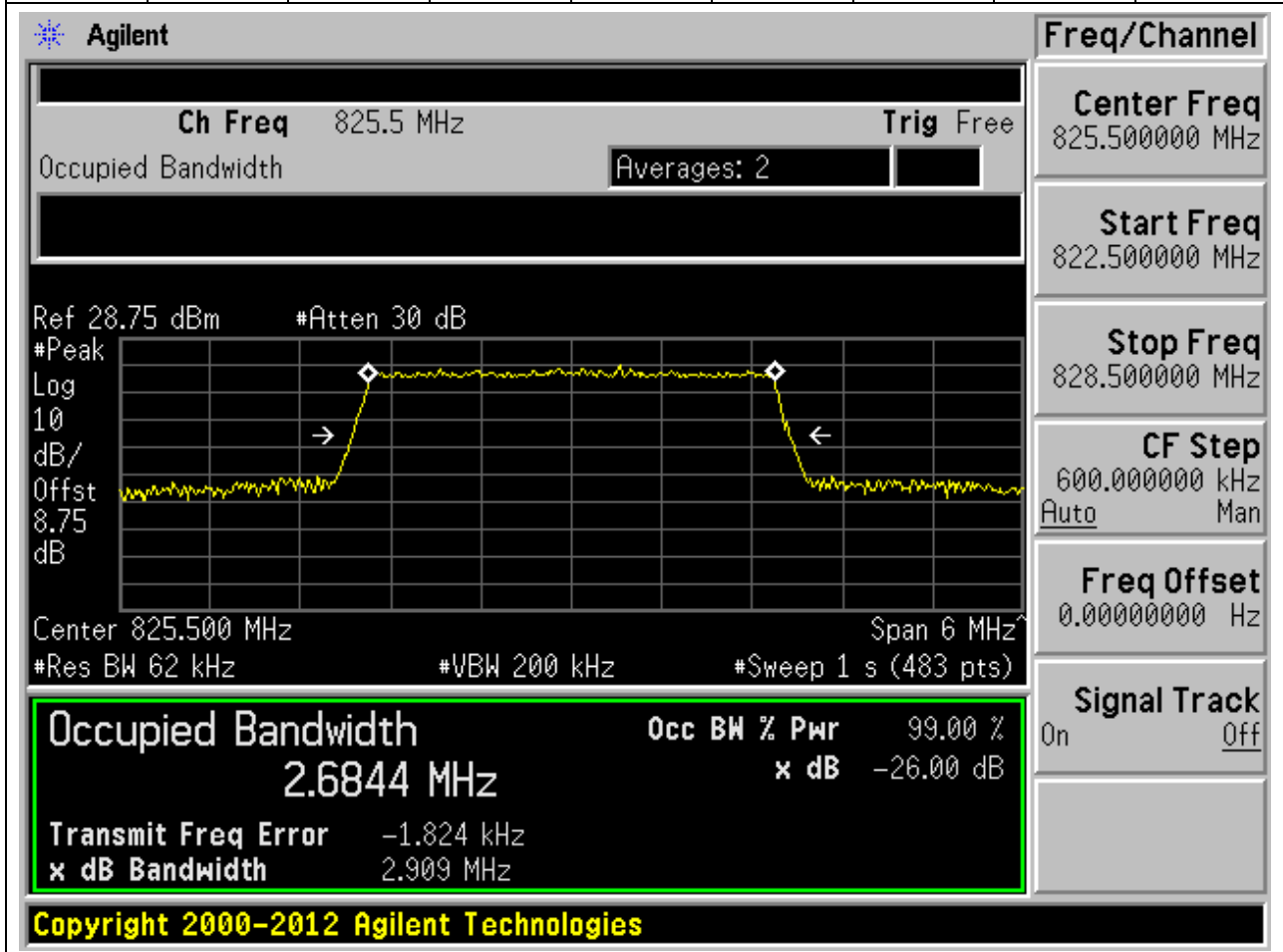
10.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.091	1.271	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.684	2.909	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.68	2.908	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 825.5 MHz, and the span is 6 MHz. The occupied bandwidth is highlighted in a green box, showing a value of 2.6800 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is 515.433 Hz, and the XdB bandwidth is 2.908 MHz. The interface also shows various settings such as Res BW (62 kHz), VBW (200 kHz), and Sweep (1 s).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6800 MHz		x dB	-26.00 dB
Transmit Freq Error	515.433 Hz		
x dB Bandwidth	2.908 MHz		

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.688	2.914	3	Pass

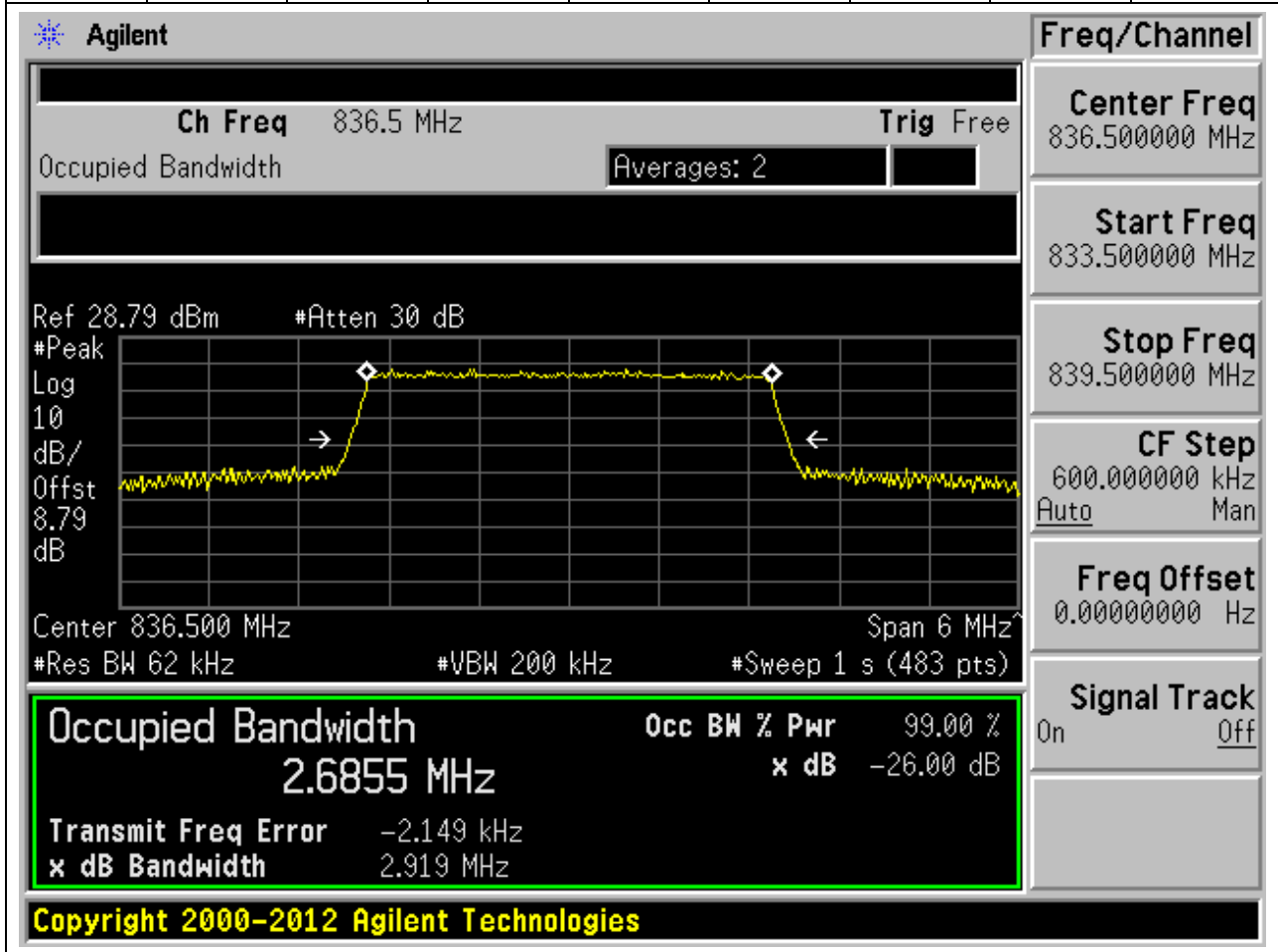
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 836.5 MHz. The occupied bandwidth is 2.6876 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 328.933 Hz, and the XdB bandwidth is 2.914 MHz. The interface also shows various settings like Res BW (62 kHz), VBW (200 kHz), and Span (6 MHz).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6876 MHz		x dB	-26.00 dB
Transmit Freq Error	328.933 Hz		
x dB Bandwidth	2.914 MHz		

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.685	2.919	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.688	2.918	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 847.5 MHz, and the span is 6 MHz. The occupied bandwidth is highlighted in a green box, showing a value of 2.6880 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -4.234 kHz. The XdB bandwidth is 2.918 MHz. The interface also shows various settings like Res BW (62 kHz), VBW (200 kHz), and Sweep (1 s).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6880 MHz		x dB	-26.00 dB
Transmit Freq Error		-4.234 kHz	
x dB Bandwidth		2.918 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.682	2.927	3	Pass

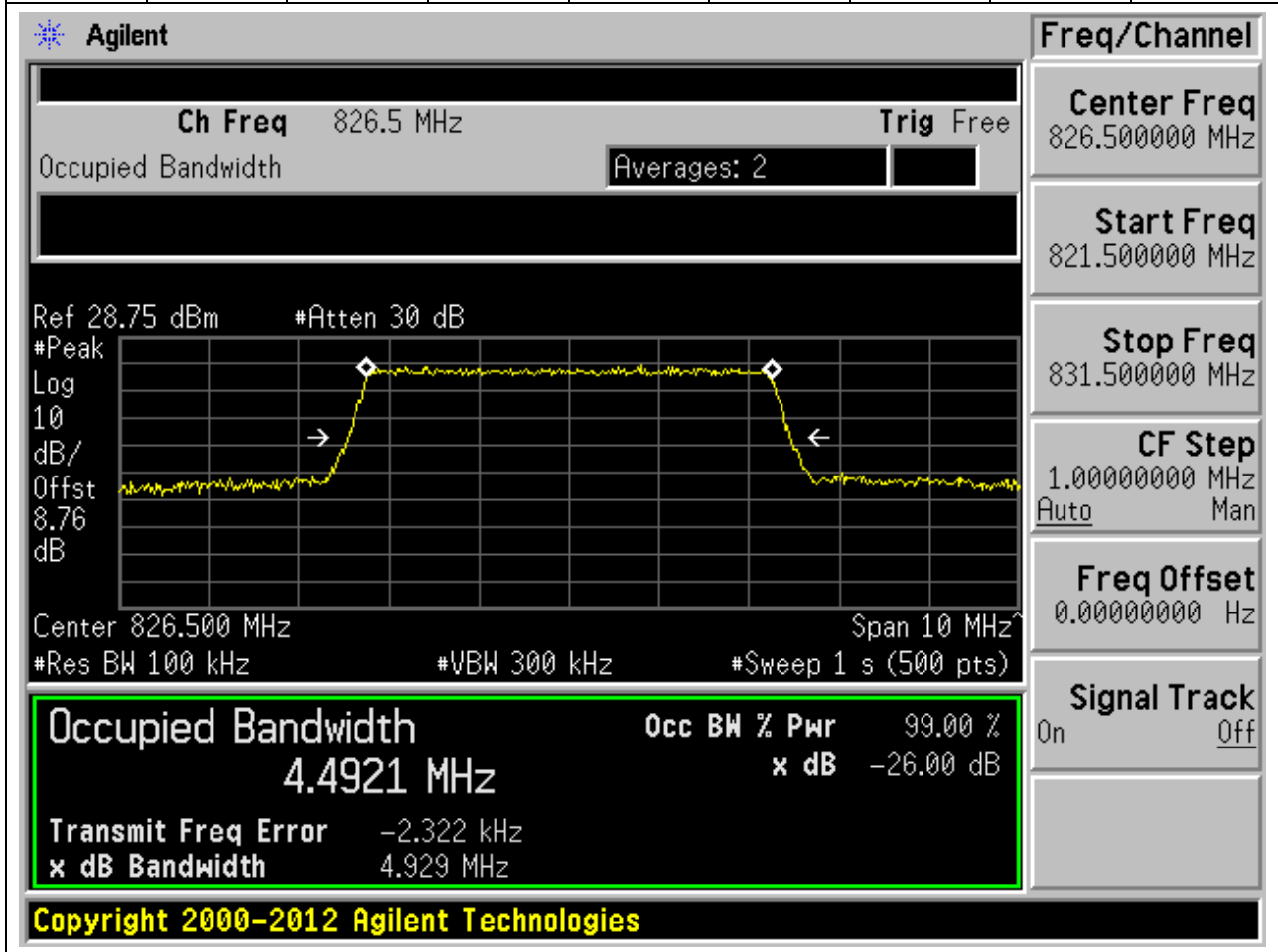
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 847.5 MHz, and the span is 6 MHz. The occupied bandwidth is measured as 2.6816 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -5.612 kHz, and the XdB bandwidth is 2.927 MHz. The interface also shows various settings like Res BW (62 kHz), VBW (200 kHz), and Sweep (1 s).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.6816 MHz		x dB	-26.00 dB
Transmit Freq Error		-5.612 kHz	
x dB Bandwidth		2.927 MHz	

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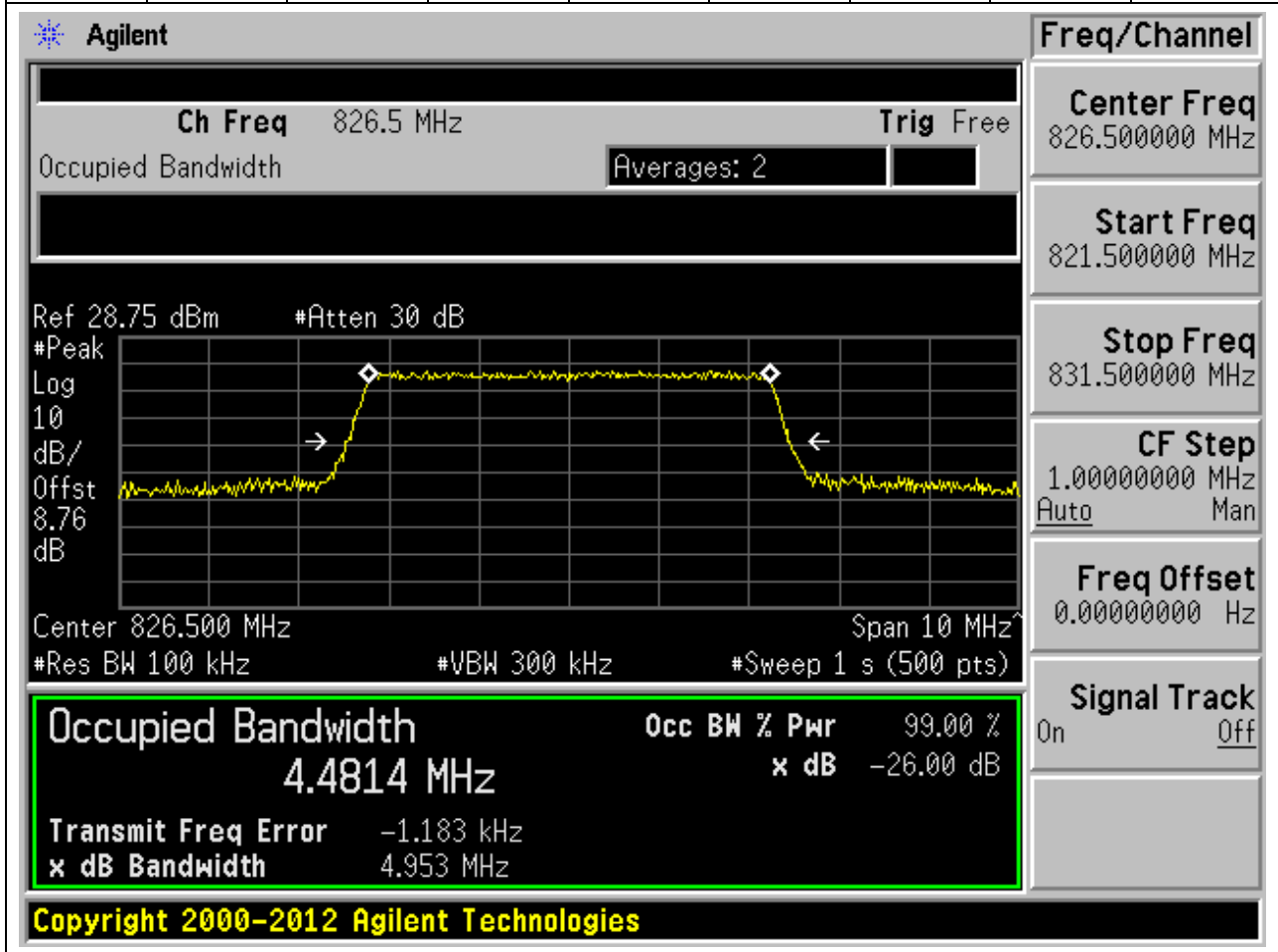
10.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.492	4.929	5	Pass



10.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.481	4.953	5	Pass



10.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.489	4.927	5	Pass

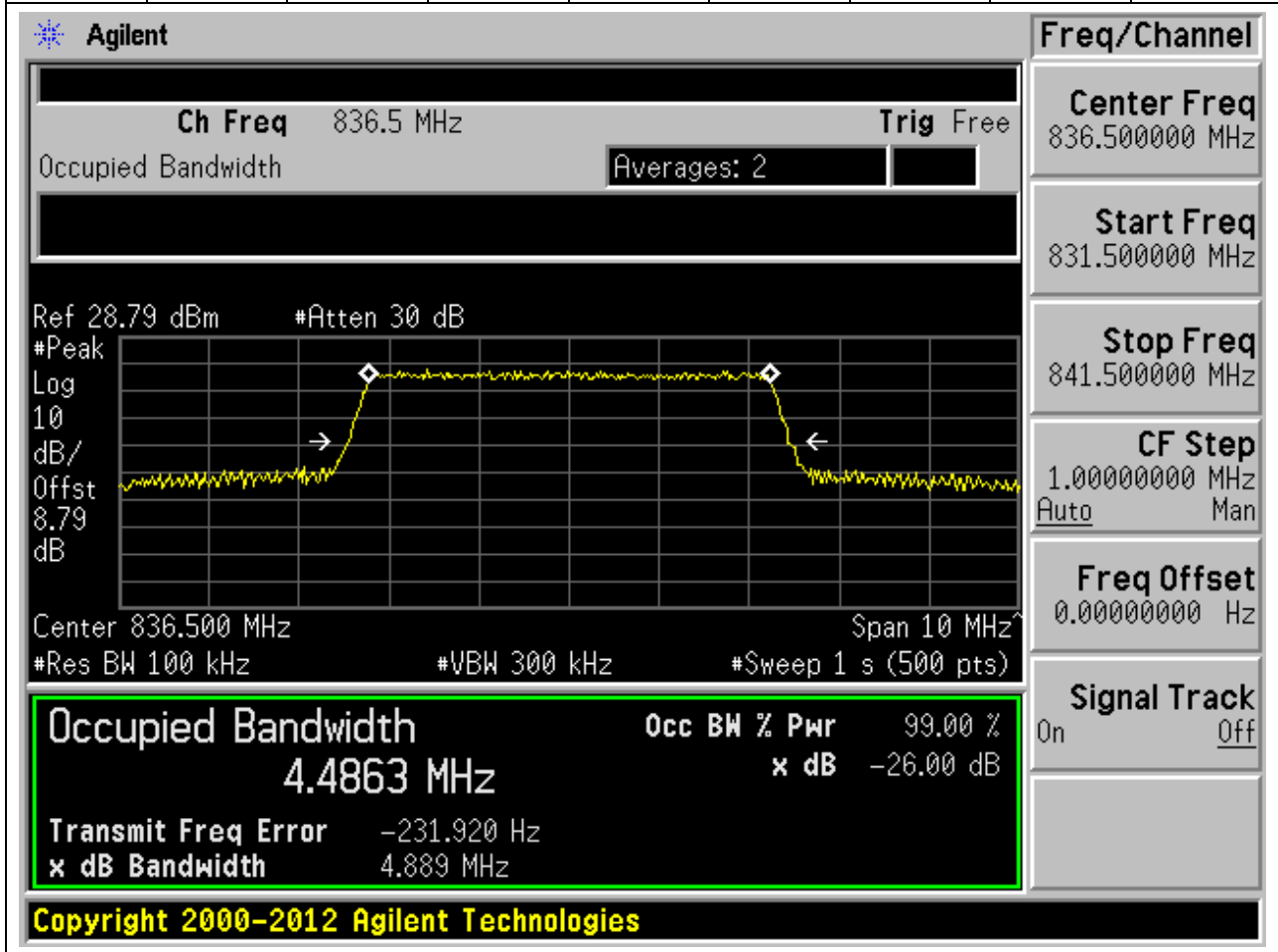
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 836.500 MHz with a span of 10 MHz. The vertical axis is labeled 'dB/Offst' with a value of 8.79 dB. The horizontal axis is labeled 'Span 10 MHz'. The plot shows a signal with a peak at 836.500 MHz and a bandwidth of 4.4894 MHz. The signal is measured at a reference level of 28.79 dBm and an attenuation of 30 dB. The occupied bandwidth is 4.4894 MHz, which is 99.00% of the power. The transmit frequency error is -3.702 kHz, and the x dB bandwidth is 4.927 MHz. The signal track is set to 'Off'.

Parameter	Value
Center Freq	836.5 MHz
Occupied Bandwidth	4.4894 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-3.702 kHz
x dB Bandwidth	4.927 MHz

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10.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.486	4.889	5	Pass



10.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.491	4.897	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 846.5 MHz. The occupied bandwidth is 4.4909 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -3.369 kHz, and the XdB bandwidth is 4.897 MHz. The interface also shows various settings like Res BW (100 kHz), VBW (300 kHz), and Span (10 MHz).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4909 MHz		x dB	-26.00 dB
Transmit Freq Error		-3.369 kHz	
x dB Bandwidth		4.897 MHz	

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10.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.491	4.954	5	Pass

Agilent

Freq/Channel
Center Freq
846.500000 MHz
Start Freq
841.500000 MHz
Stop Freq
851.500000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.81 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 %

4.4909 MHz x dB -26.00 dB

Transmit Freq Error -2.060 kHz

x dB Bandwidth 4.954 MHz

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10.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.969	9.847	10	Pass

Agilent

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.76 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 %

8.9690 MHz x dB -26.00 dB

Transmit Freq Error 3.434 kHz

x dB Bandwidth 9.847 MHz

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Freq/Channel

Center Freq 829.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 839.000000 MHz

CF Step 2.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

10.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.982	9.76	10	Pass

Agilent

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.76 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.76 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 %
8.9824 MHz	x dB	-26.00 dB
Transmit Freq Error	15.077 kHz	
x dB Bandwidth	9.760 MHz	

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Freq/Channel

Center Freq 829.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 839.000000 MHz

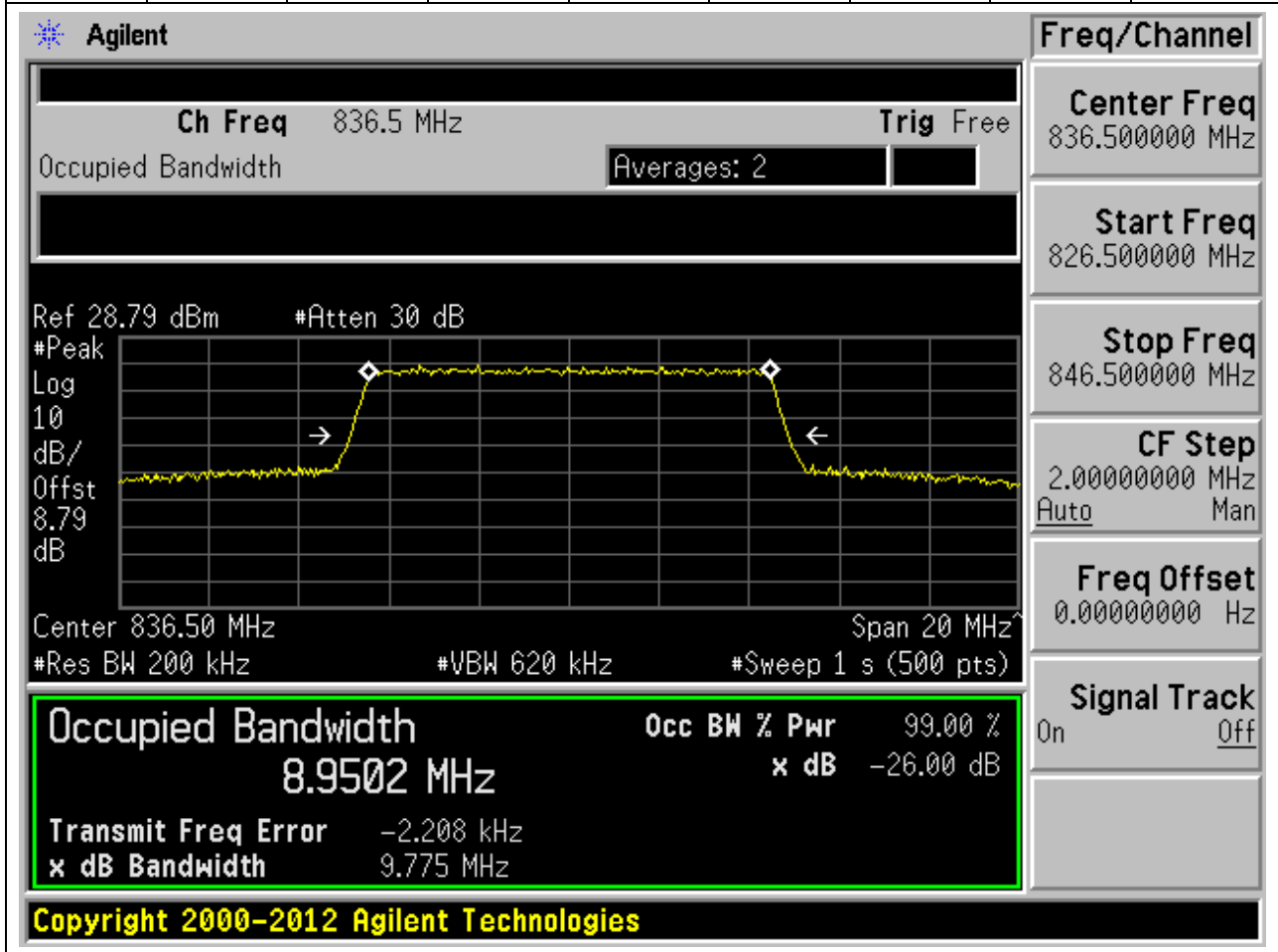
CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

10.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.95	9.775	10	Pass



10.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.958	9.717	10	Pass

Agilent

Freq/Channel
Center Freq
836.500000 MHz
Start Freq
826.500000 MHz
Stop Freq
846.500000 MHz
CF Step
2.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.79 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 %

8.9579 MHz x dB -26.00 dB

Transmit Freq Error 373.604 Hz

x dB Bandwidth 9.717 MHz

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10.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.965	9.792	10	Pass

Agilent

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.81 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.81 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 %
8.9650 MHz x dB -26.00 dB

Transmit Freq Error -19.529 kHz
 x dB Bandwidth 9.792 MHz

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Freq/Channel

Center Freq 844.000000 MHz

Start Freq 834.000000 MHz

Stop Freq 854.000000 MHz

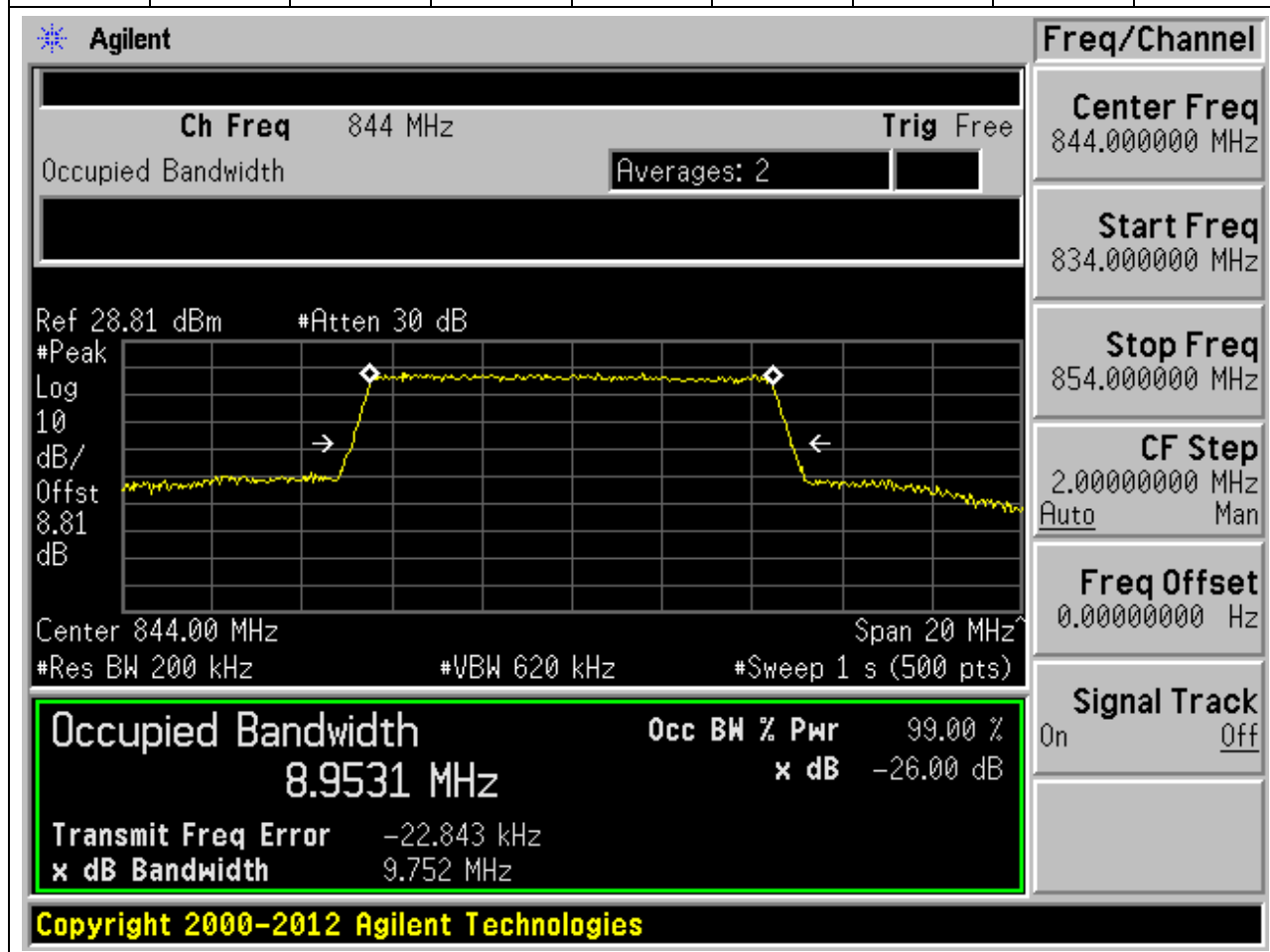
CF Step 2.00000000 MHz
 Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

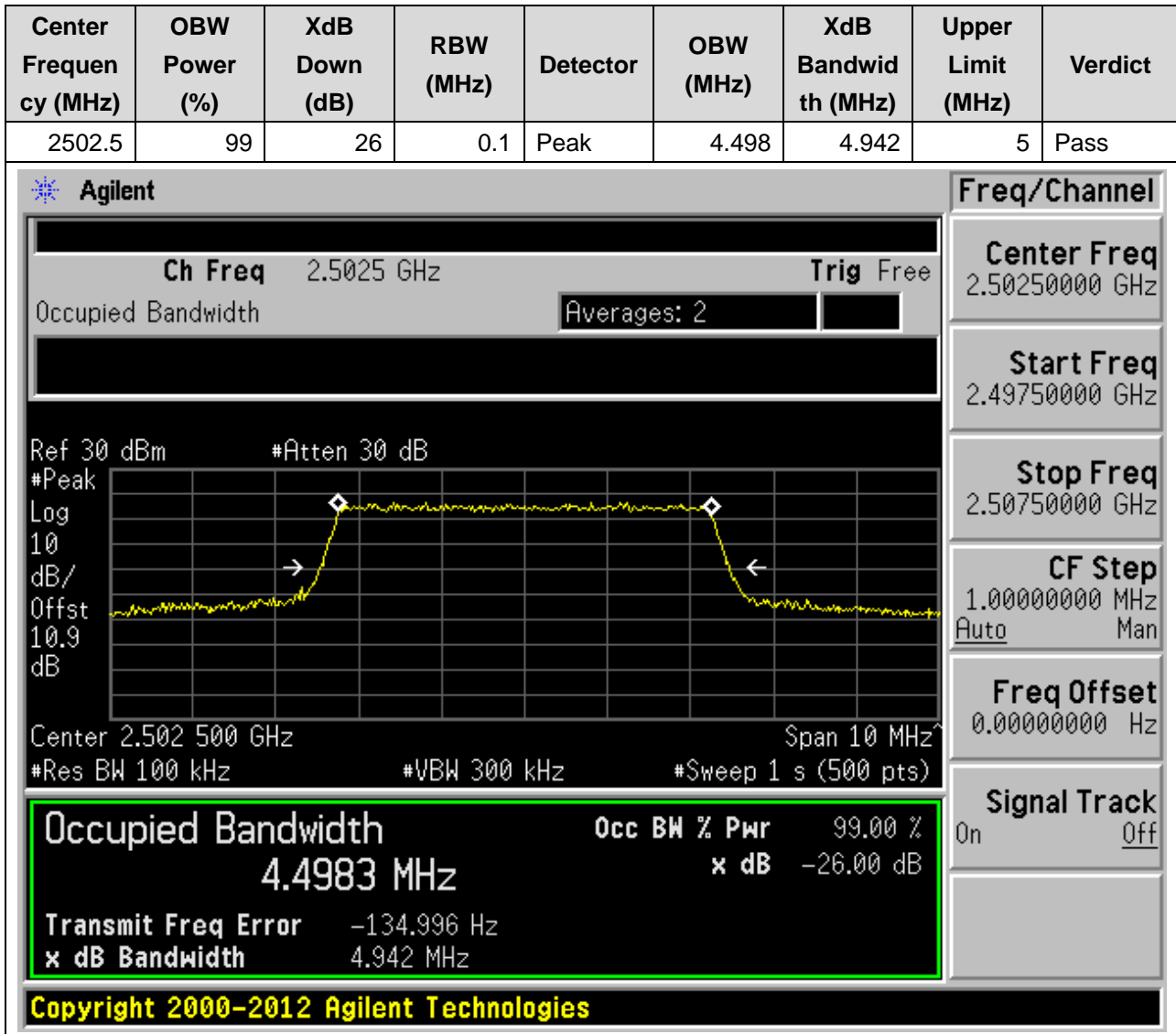
10.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.953	9.752	10	Pass



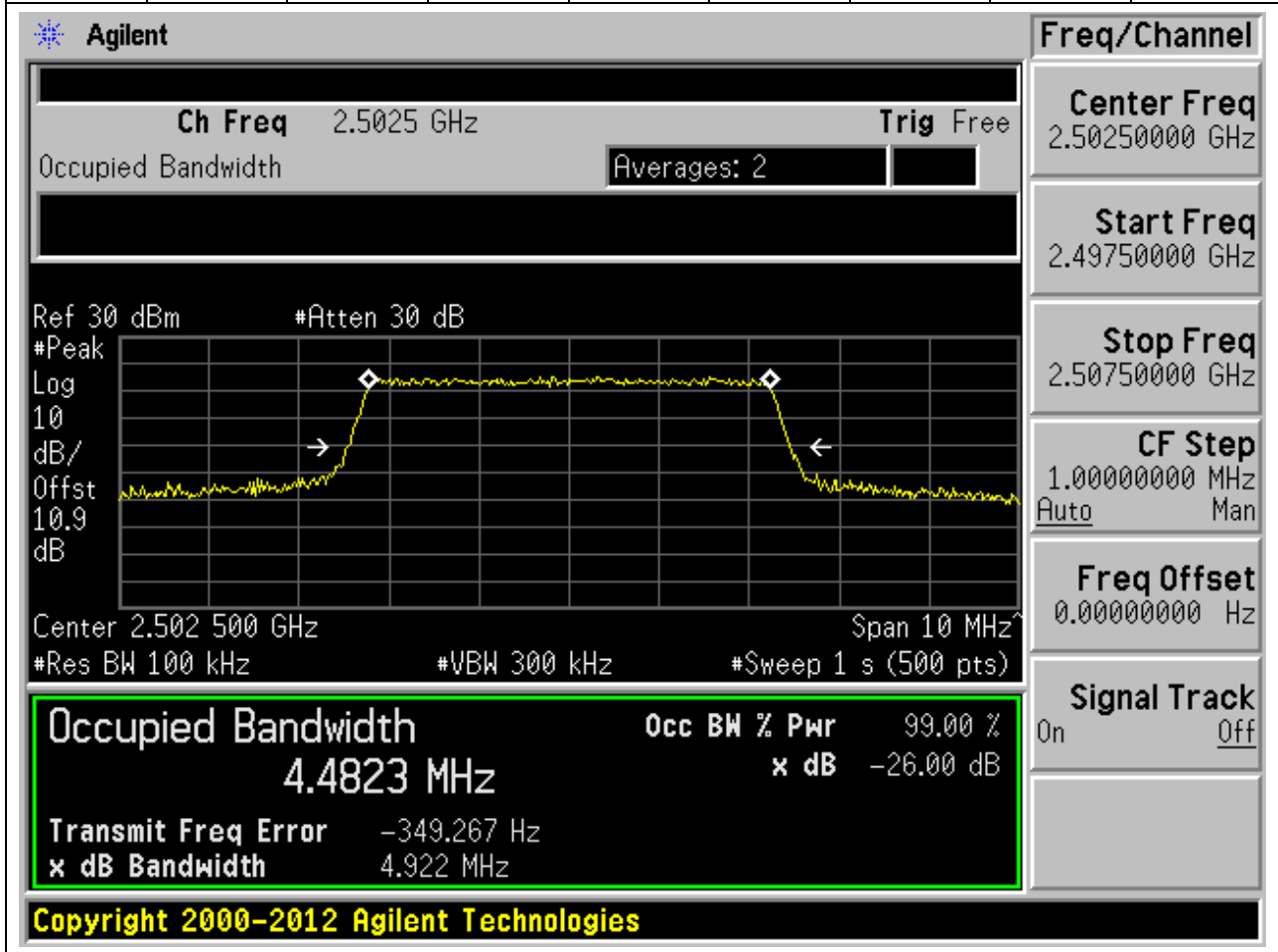
11. LTE_Band7

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



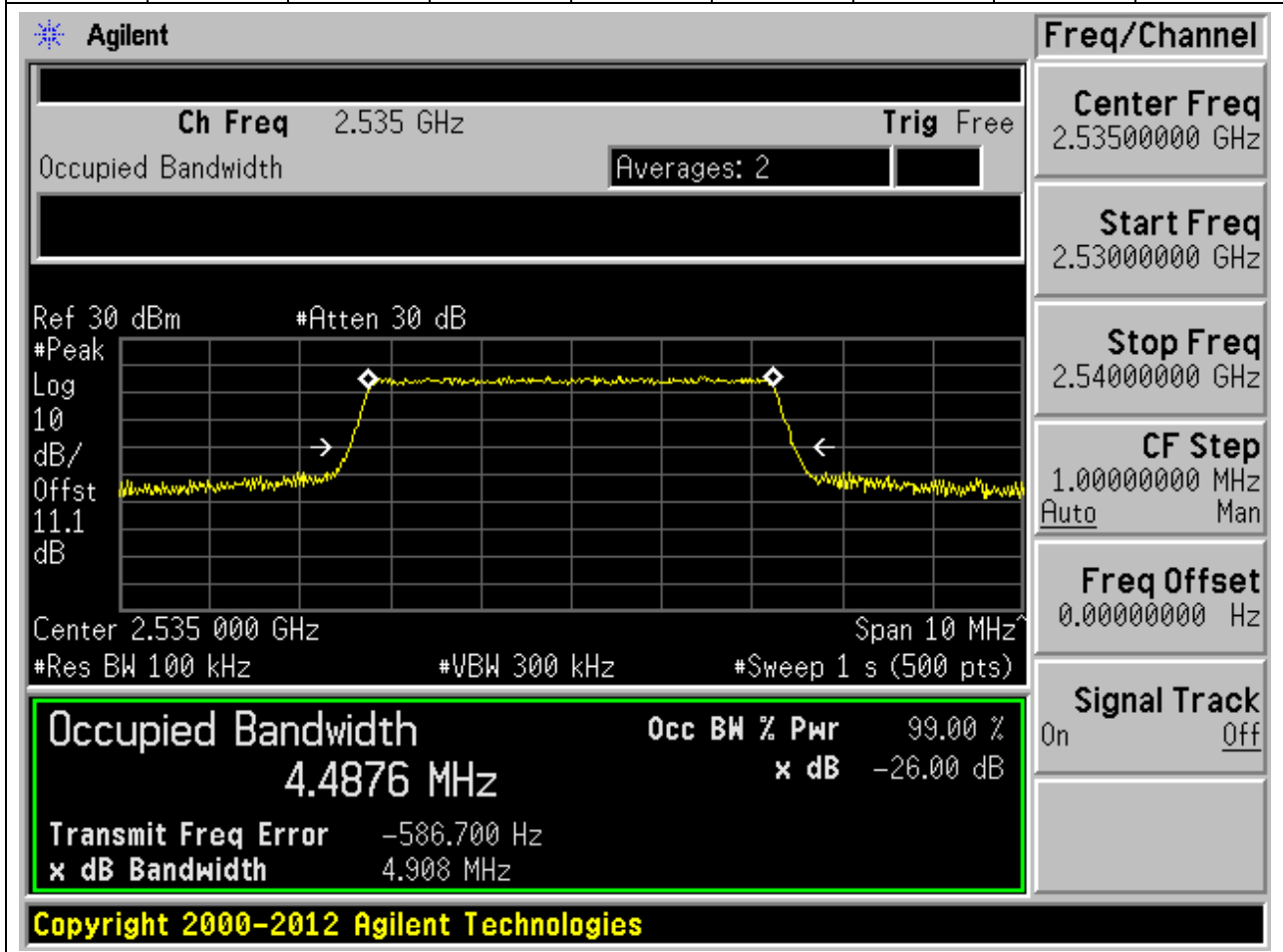
11.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2502.5	99	26	0.1	Peak	4.482	4.922	5	Pass



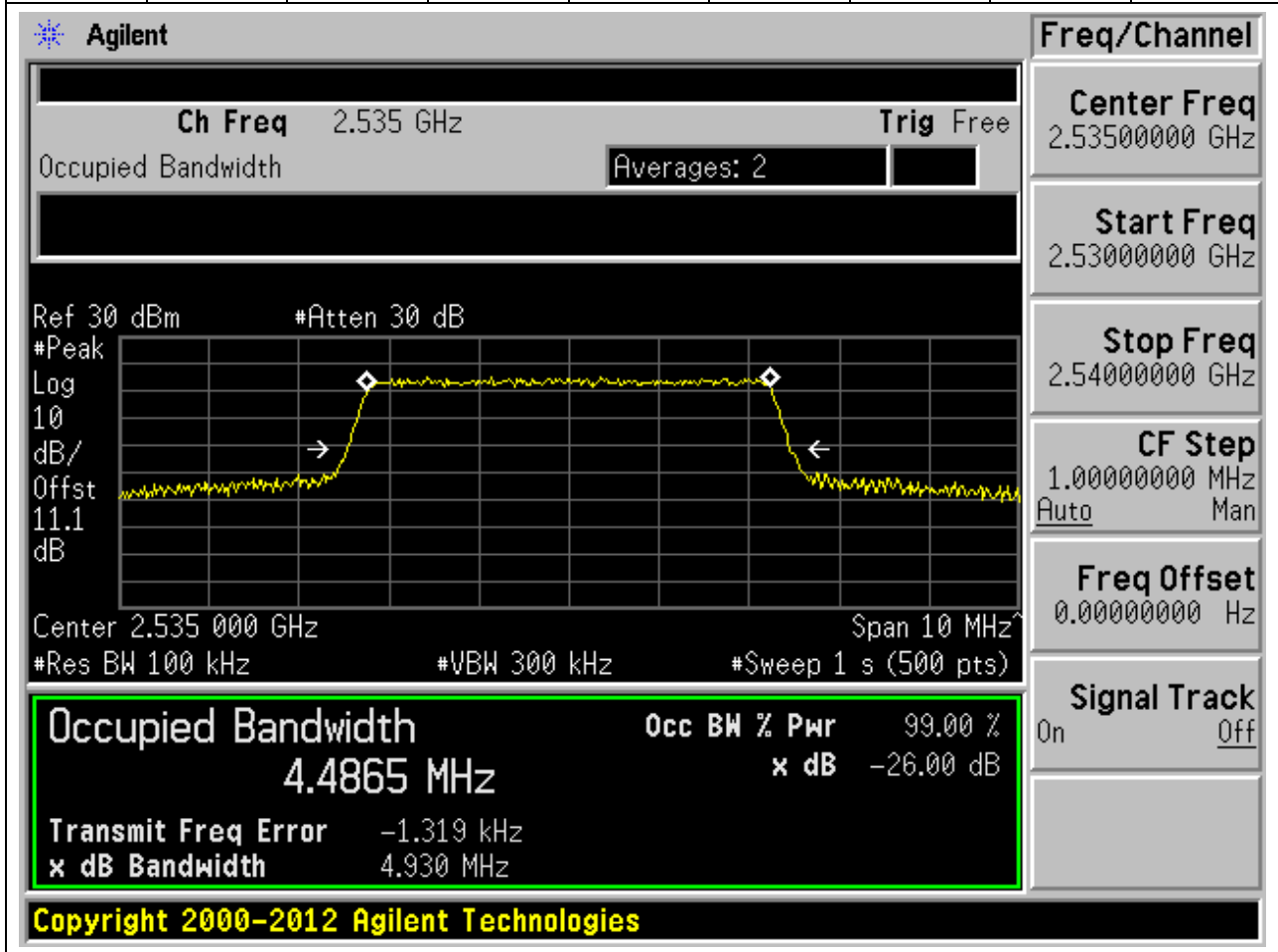
11.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.488	4.908	5	Pass



11.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.486	4.93	5	Pass



11.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.487	4.922	5	Pass

Agilent

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.567 500 GHz Span 10 MHz

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

Occupied Bandwidth 4.4872 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 4.574 kHz
x dB Bandwidth 4.922 MHz

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Freq/Channel

Center Freq 2.56750000 GHz

Start Freq 2.56250000 GHz

Stop Freq 2.57250000 GHz

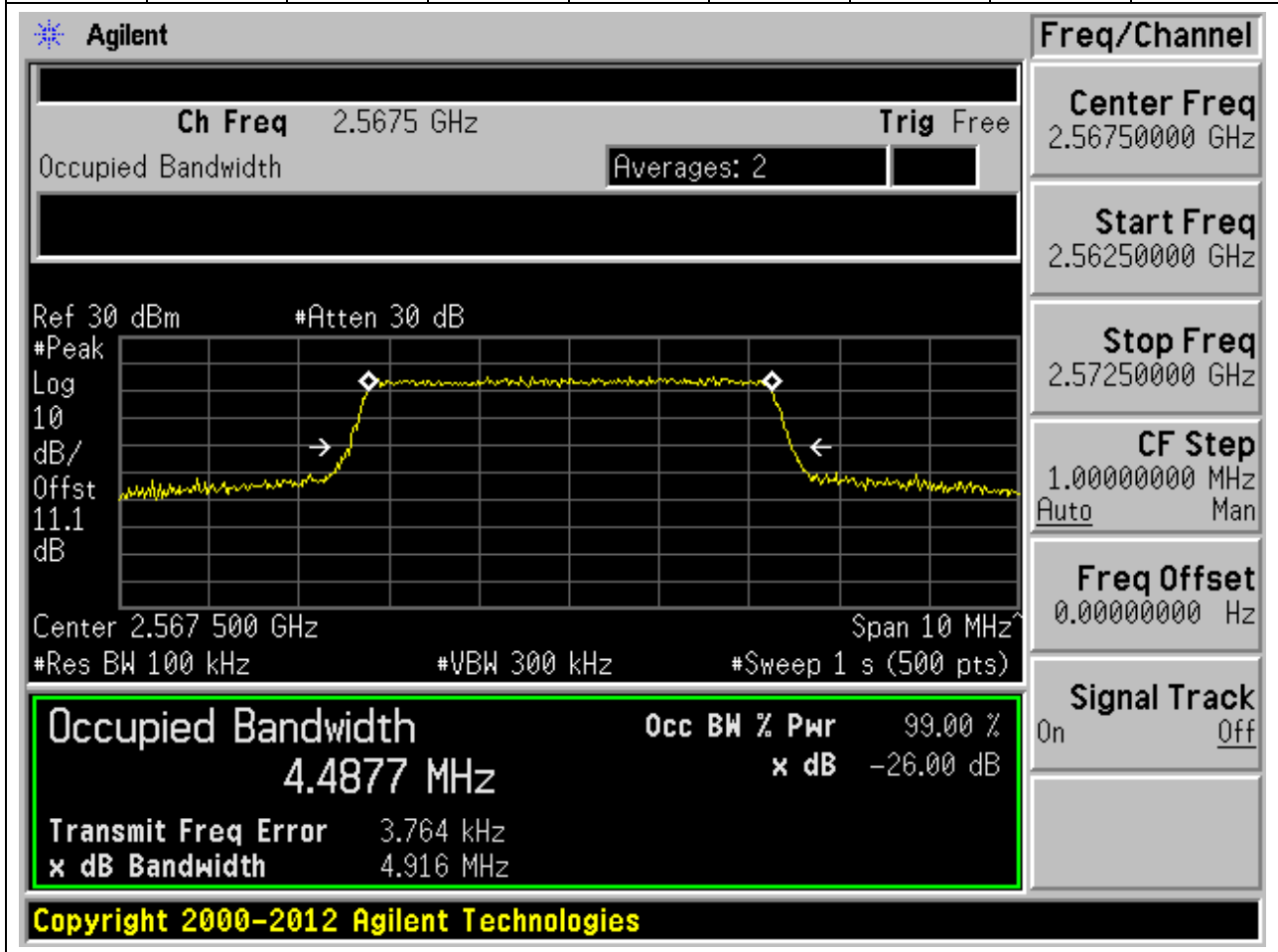
CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

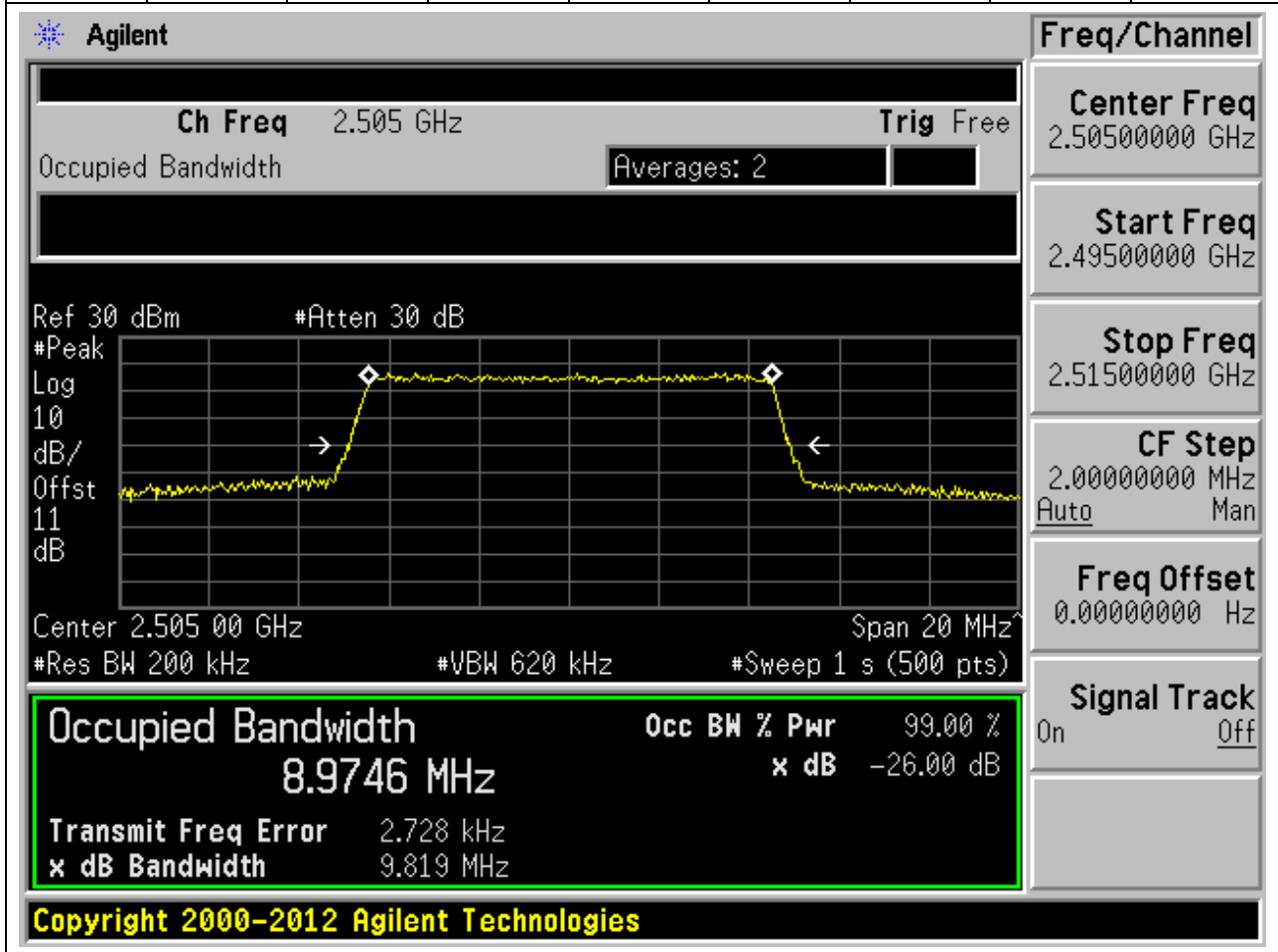
11.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.488	4.916	5	Pass



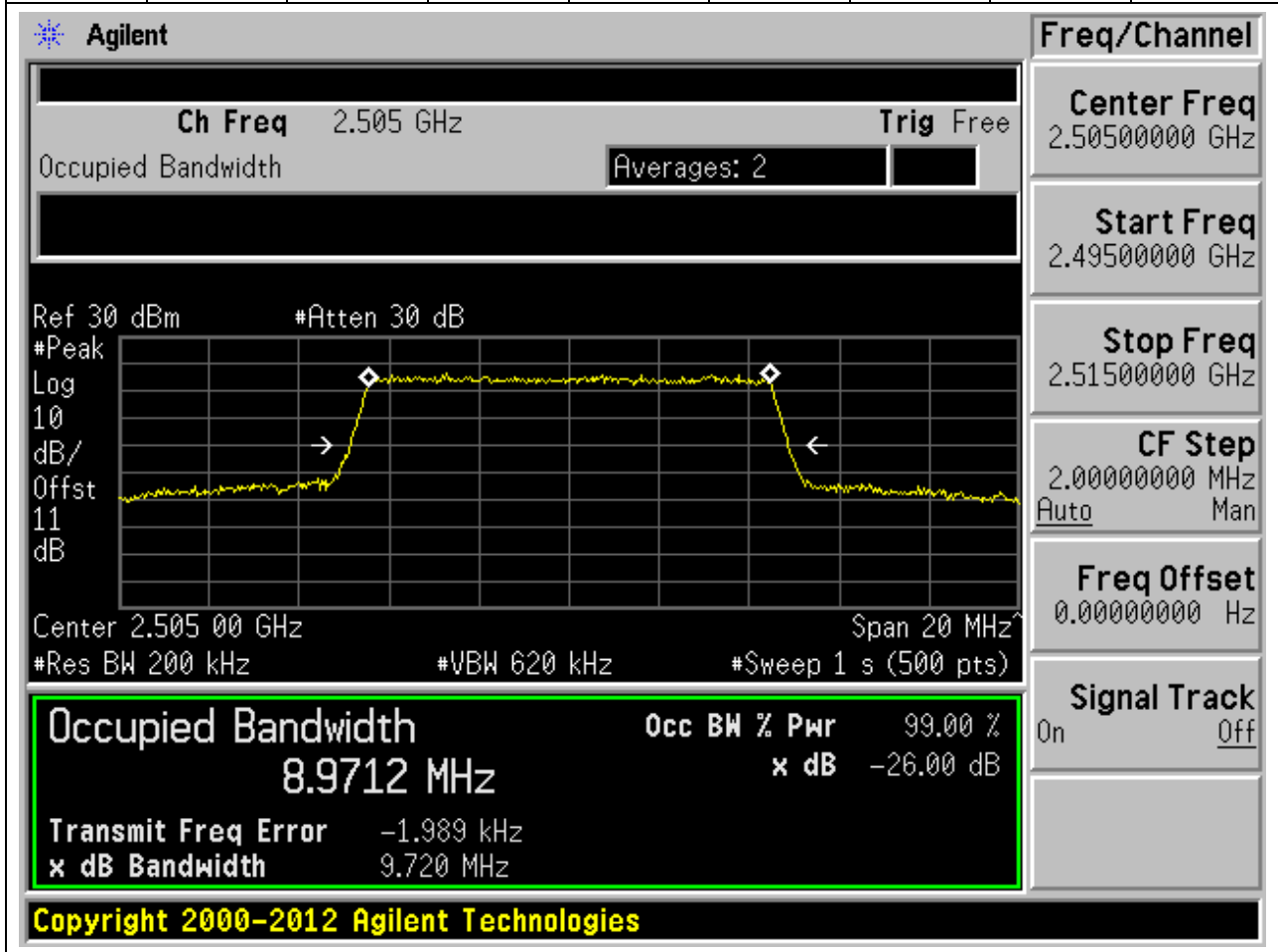
11.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2505	99	26	0.2	Peak	8.975	9.819	10	Pass



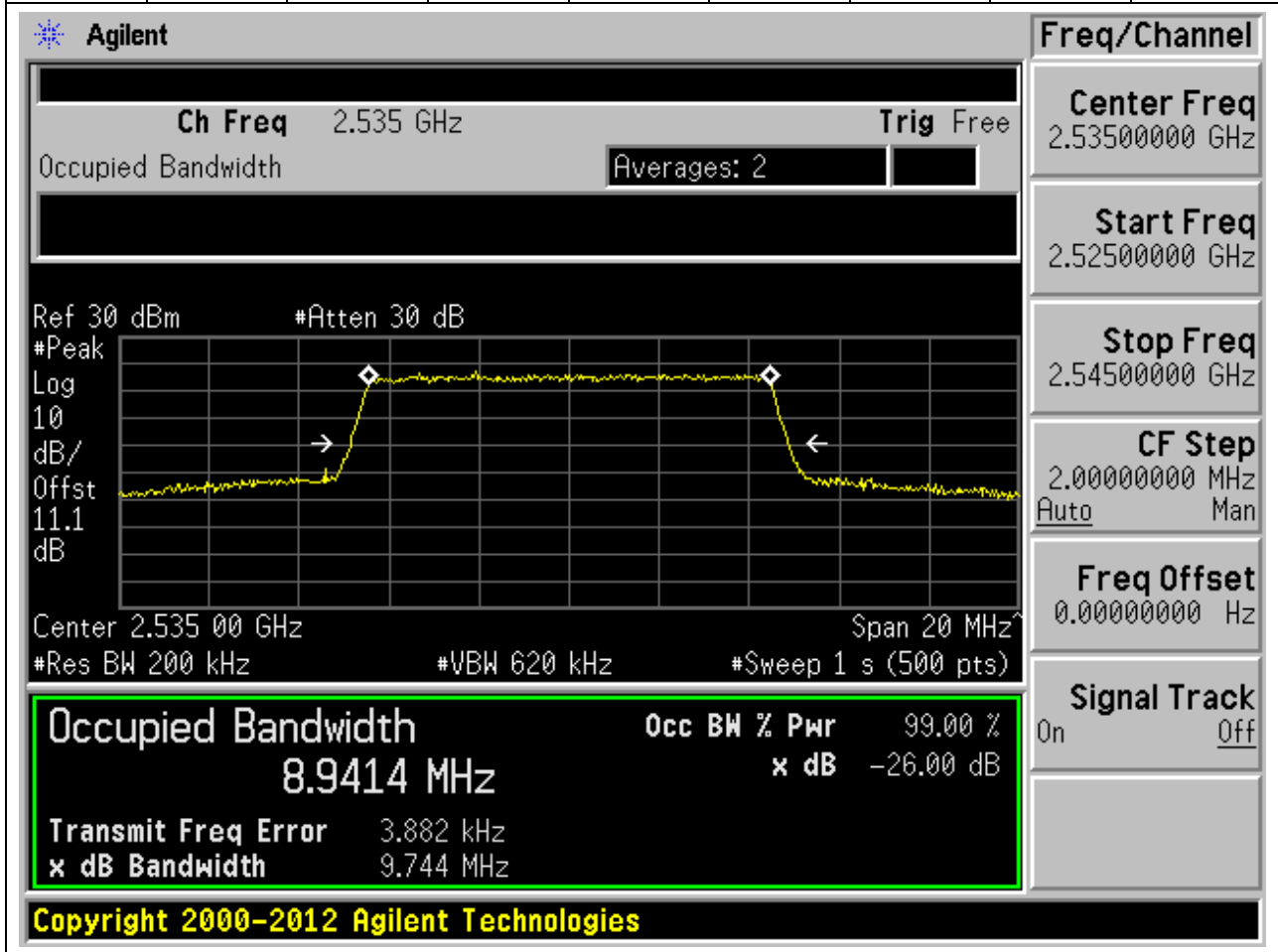
11.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2505	99	26	0.2	Peak	8.971	9.72	10	Pass



11.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.2	Peak	8.941	9.744	10	Pass



11.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

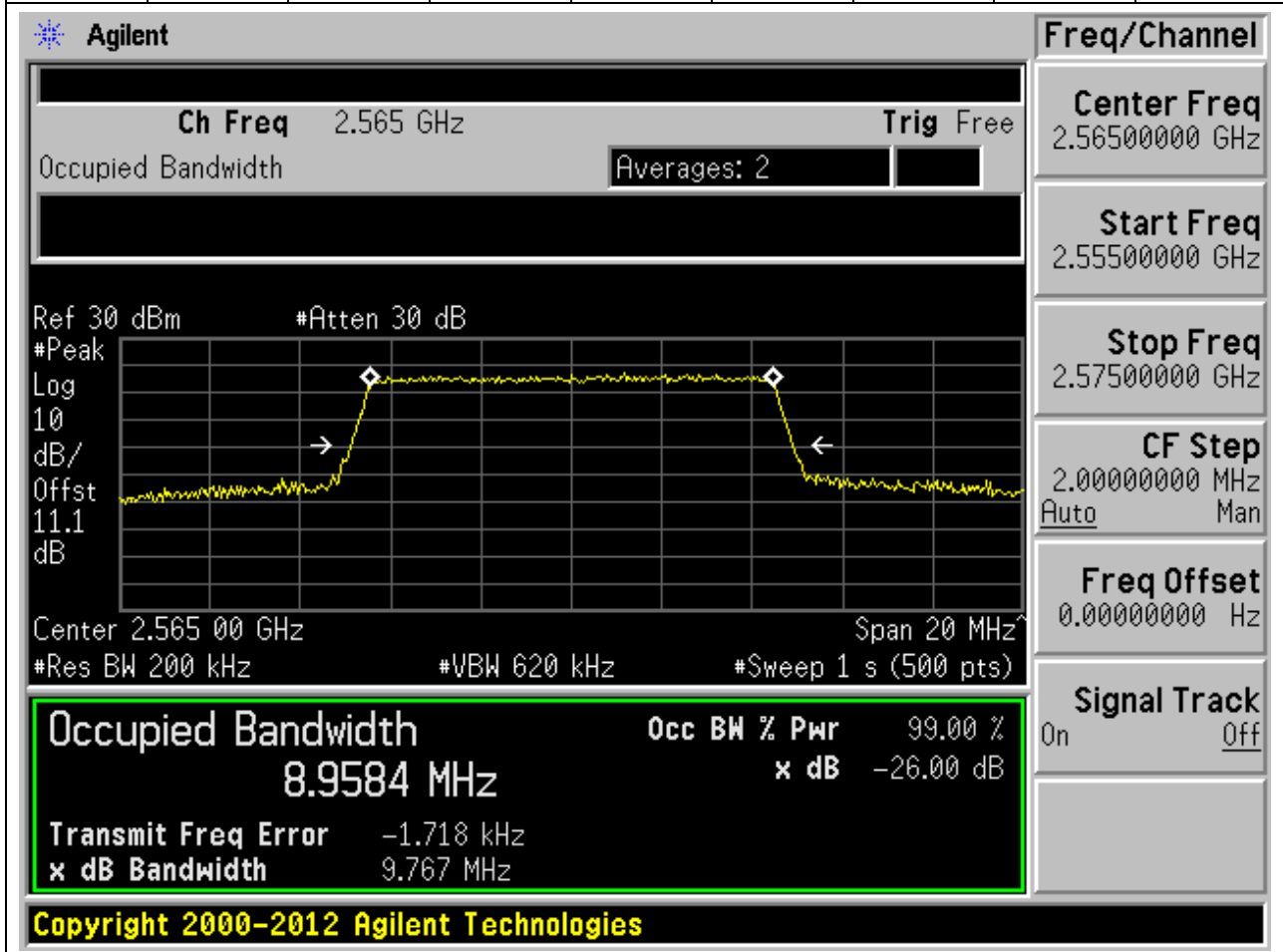
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.2	Peak	8.945	9.785	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 2.535 GHz with a span of 20 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.1 dB. The horizontal axis is labeled 'Span 20 MHz'. The plot shows a signal with a peak at 2.535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 8.9447 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 7.996 kHz and the 'x dB Bandwidth' is 9.785 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the interface.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
8.9447 MHz		x dB	-26.00 dB
Transmit Freq Error	7.996 kHz		
x dB Bandwidth	9.785 MHz		

11.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.958	9.767	10	Pass



11.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.958	9.803	10	Pass

Agilent

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)

Freq/Channel

Center Freq 2.56500000 GHz

Start Freq 2.55500000 GHz

Stop Freq 2.57500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9577 MHz

x dB -26.00 dB

Transmit Freq Error -633.389 Hz

x dB Bandwidth 9.803 MHz

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11.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.3	Peak	13.451	14.653	15	Pass

Agilent

Freq/Channel
Center Freq 2.50750000 GHz
Start Freq 2.49250000 GHz
Stop Freq 2.52250000 GHz
CF Step 3.00000000 MHz
Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

Ch Freq 2.5075 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.507 50 GHz Span 30 MHz
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4513 MHz	x dB	-26.00 dB
Transmit Freq Error	746.405 Hz	
x dB Bandwidth	14.653 MHz	

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11.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.3	Peak	13.463	14.549	15	Pass

Agilent
Freq/Channel

Ch Freq 2.5075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.507 50 GHz Span 30 MHz

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

Center Freq 2.50750000 GHz

Start Freq 2.49250000 GHz

Stop Freq 2.52250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4627 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 3.454 kHz

x dB Bandwidth 14.549 MHz

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11.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

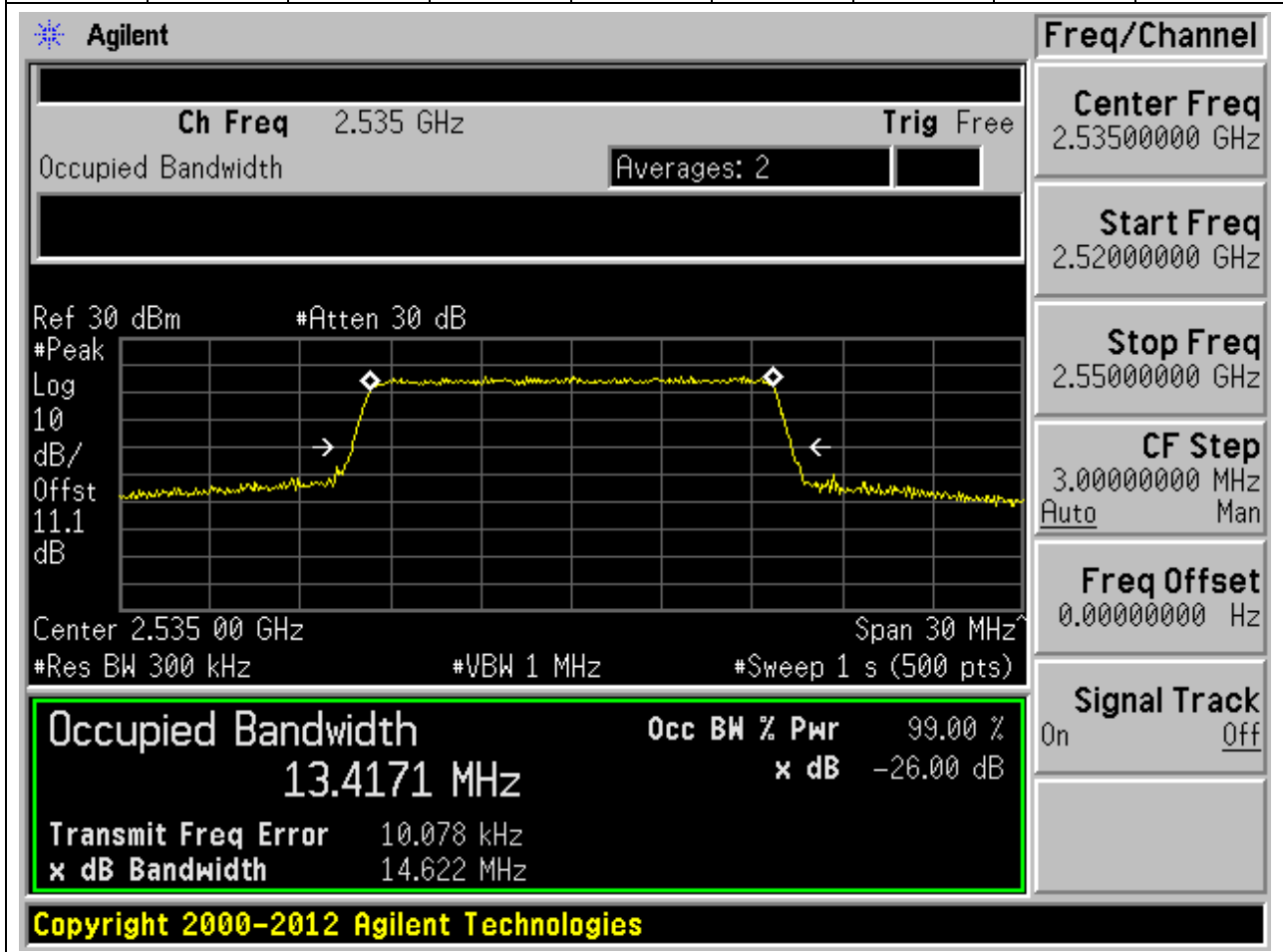
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.397	14.587	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.535 GHz and a span of 30 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.1 dB. The horizontal axis is labeled 'Span 30 MHz'. The plot shows a signal with a peak at approximately 2.535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 13.3968 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 12.389 kHz and the 'x dB Bandwidth' is 14.587 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Freq/Channel	
Center Freq	2.53500000 GHz
Start Freq	2.52000000 GHz
Stop Freq	2.55000000 GHz
CF Step	3.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

11.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.417	14.622	15	Pass



11.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.433	14.669	15	Pass

Agilent
Freq/Channel

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)

Center Freq
2.56250000 GHz

Start Freq
2.54750000 GHz

Stop Freq
2.57750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.4333 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.840 kHz

x dB Bandwidth 14.669 MHz

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11.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.435	14.586	15	Pass

Agilent

Ch Freq 2.5625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 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 %

13.437 MHz x dB -26.00 dB

Transmit Freq Error 13.045 kHz

x dB Bandwidth 14.586 MHz

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Freq/Channel

Center Freq 2.56250000 GHz

Start Freq 2.54750000 GHz

Stop Freq 2.57750000 GHz

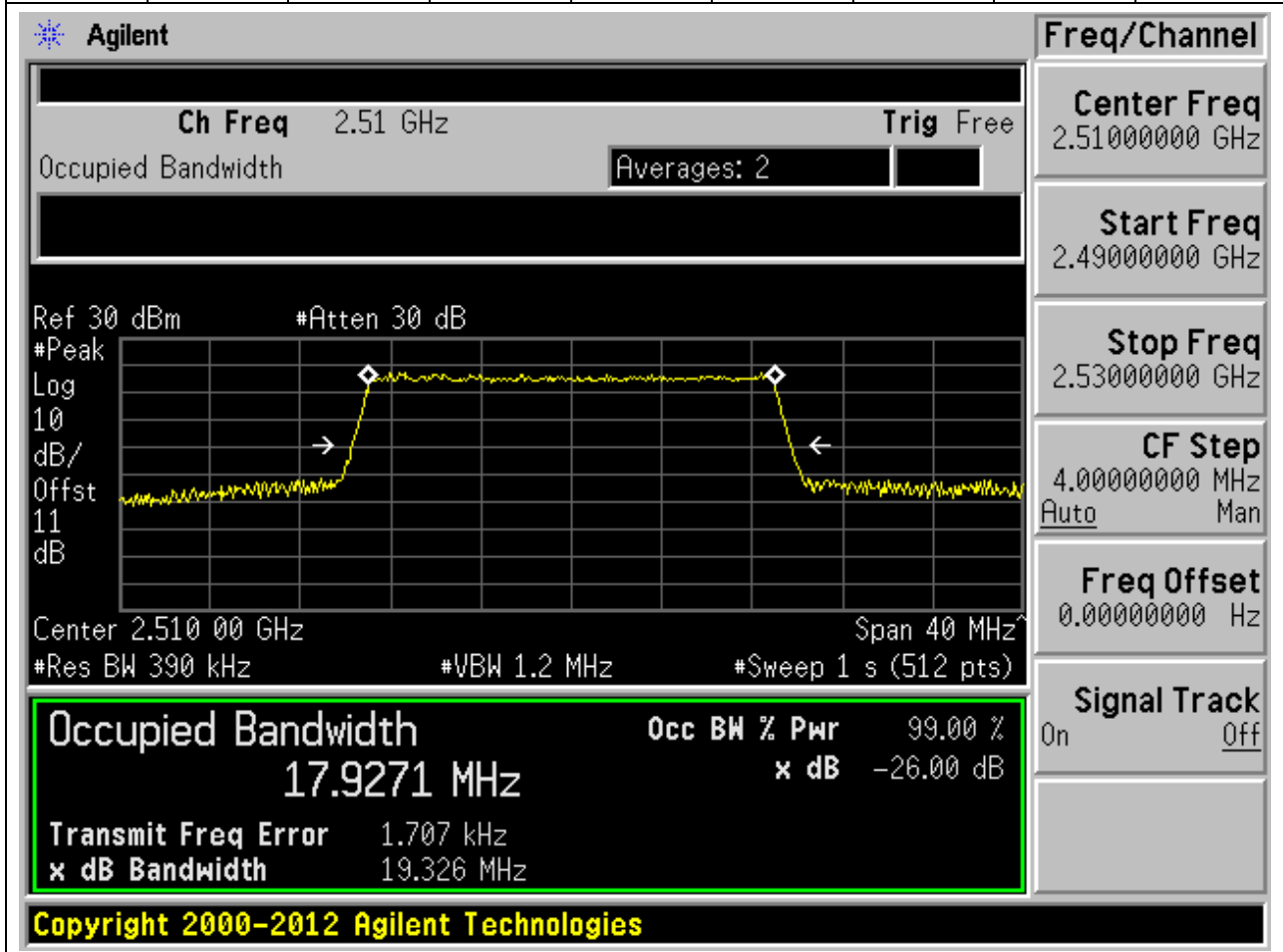
CF Step 3.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

11.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2510	99	26	0.39	Peak	17.927	19.326	20	Pass



11.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2510	99	26	0.39	Peak	17.943	19.415	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.51 GHz and a span of 40 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 2.51 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 17.9432 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 7.574 kHz and the 'x dB Bandwidth' is 19.415 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
17.9432 MHz		x dB	-26.00 dB
Transmit Freq Error	7.574 kHz		
x dB Bandwidth	19.415 MHz		

11.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.39	Peak	17.873	19.308	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.535 GHz and a span of 40 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 2.535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 17.8726 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 36.088 kHz and the 'x dB Bandwidth' is 19.308 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Parameter	Value
Ch Freq	2.535 GHz
Trig	Free
Averages	2
Ref	30 dBm
#Atten	30 dB
#Peak	Log
Log	10
dB/	Offst
Offst	11.1
dB	
Center	2.535 00 GHz
Span	40 MHz
#Res BW	390 kHz
#VBW	1.2 MHz
#Sweep	1 s (512 pts)
Occupied Bandwidth	17.8726 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	36.088 kHz
x dB Bandwidth	19.308 MHz

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11.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.39	Peak	17.891	19.357	20	Pass

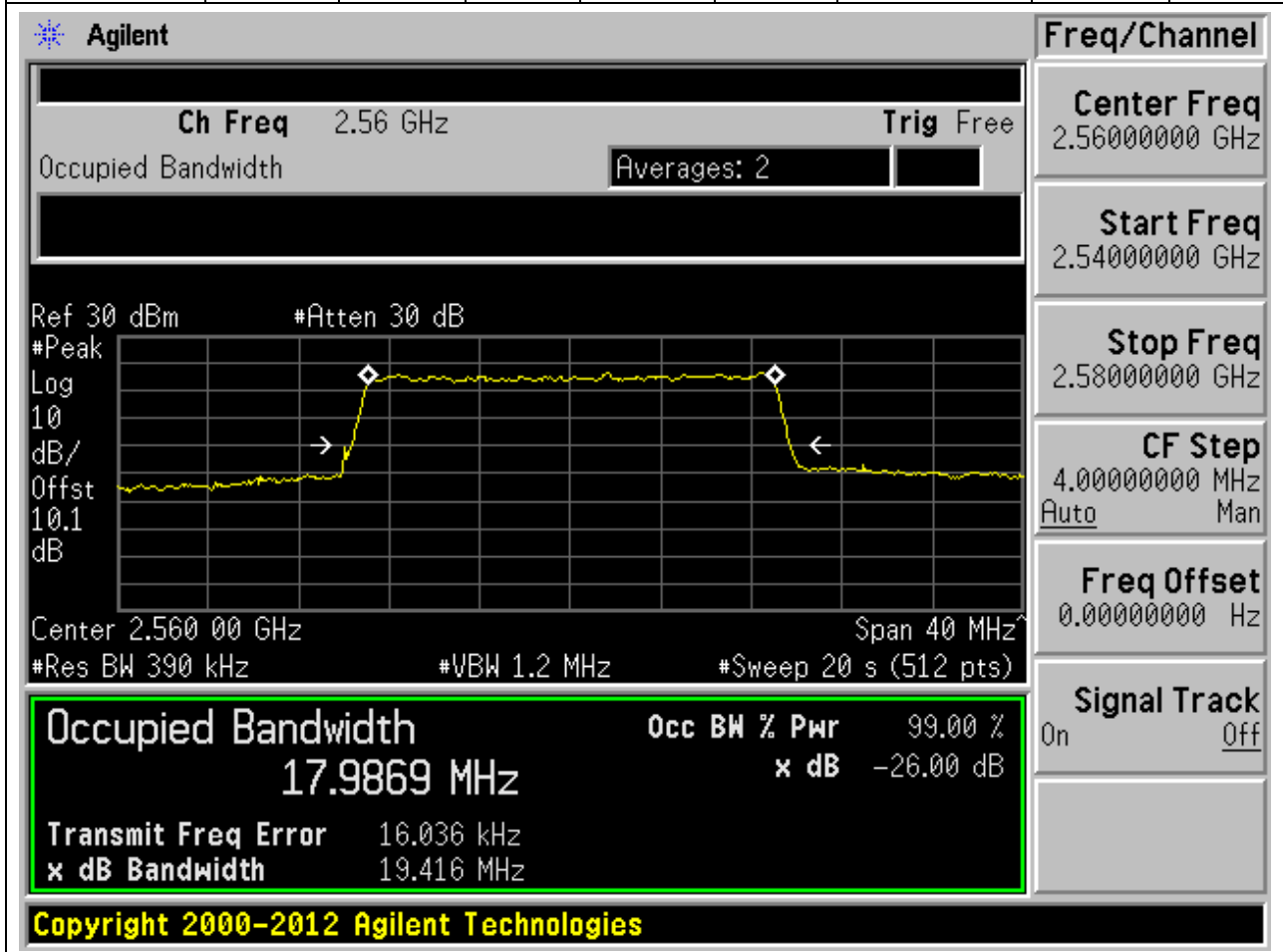
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 40 MHz. The occupied bandwidth is highlighted in a green box, showing 17.8912 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is 27.380 kHz and the XdB bandwidth is 19.357 MHz. The interface also shows various settings like Res BW (390 kHz), VBW (1.2 MHz), and Sweep (1 s).

Occupied Bandwidth		Occ BW % Pwr
17.8912 MHz	99.00 %	
Transmit Freq Error	27.380 kHz	
x dB Bandwidth	19.357 MHz	-26.00 dB

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11.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.987	19.416	20	Pass



11.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

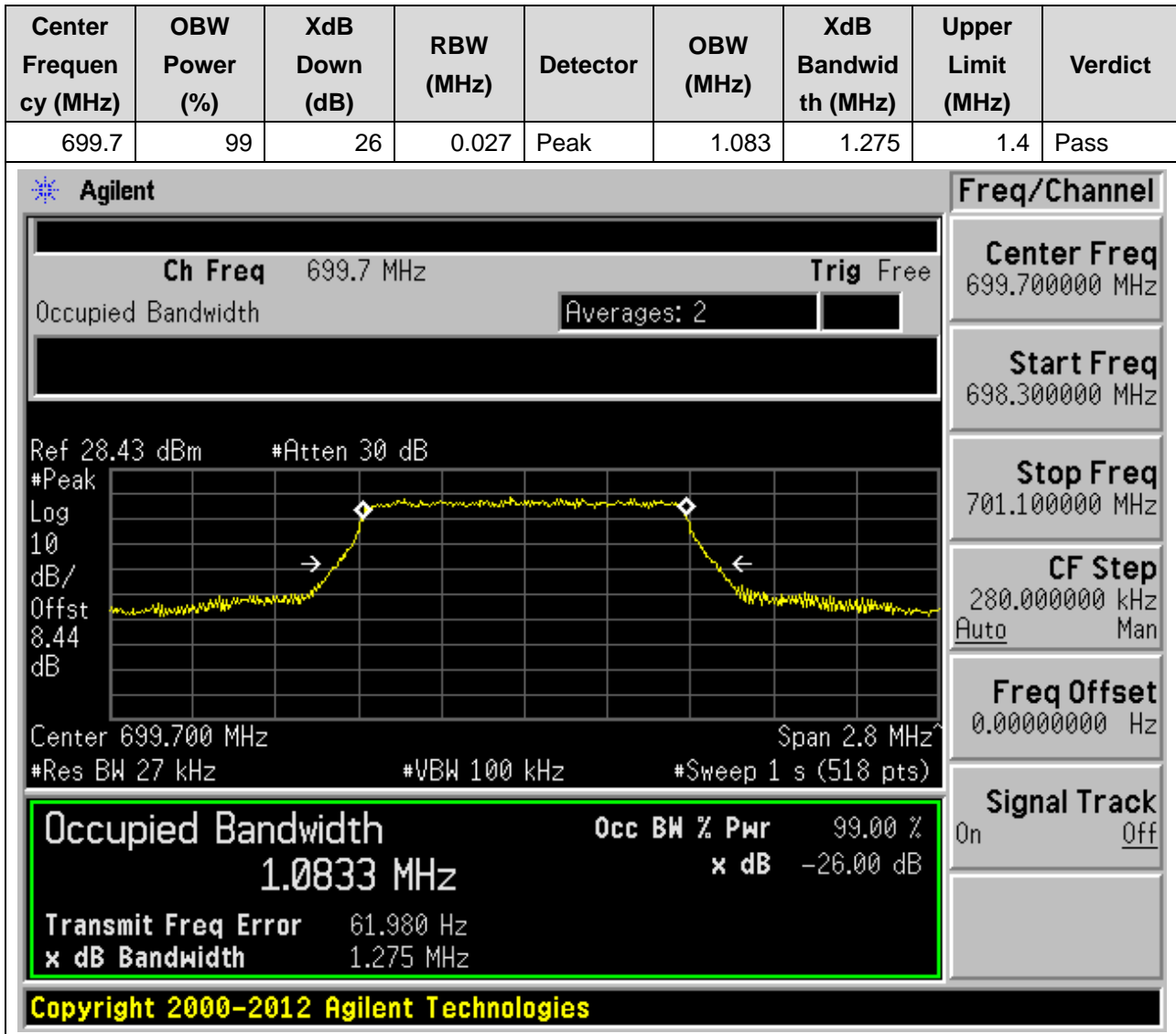
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.947	20.551	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.560 GHz and a span of 40 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.2 dB. The horizontal axis is labeled 'Span 40 MHz'. The plot shows a signal with a peak at approximately 2.560 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 17.9469 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 27.191 kHz and the 'x dB Bandwidth' is 20.551 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
17.9469 MHz		x dB	-26.00 dB
Transmit Freq Error	27.191 kHz		
x dB Bandwidth	20.551 MHz		

12. LTE_Band12

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
699.7	99	26	0.027	Peak	1.09	1.295	1.4	Pass

Agilent
Freq/Channel

Ch Freq 699.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.43 dBm #Atten 30 dB

Center 699.700 MHz Span 2.8 MHz

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

Center Freq 699.700000 MHz

Start Freq 698.300000 MHz

Stop Freq 701.100000 MHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0903 MHz

Transmit Freq Error -1.200 kHz

x dB Bandwidth 1.295 MHz

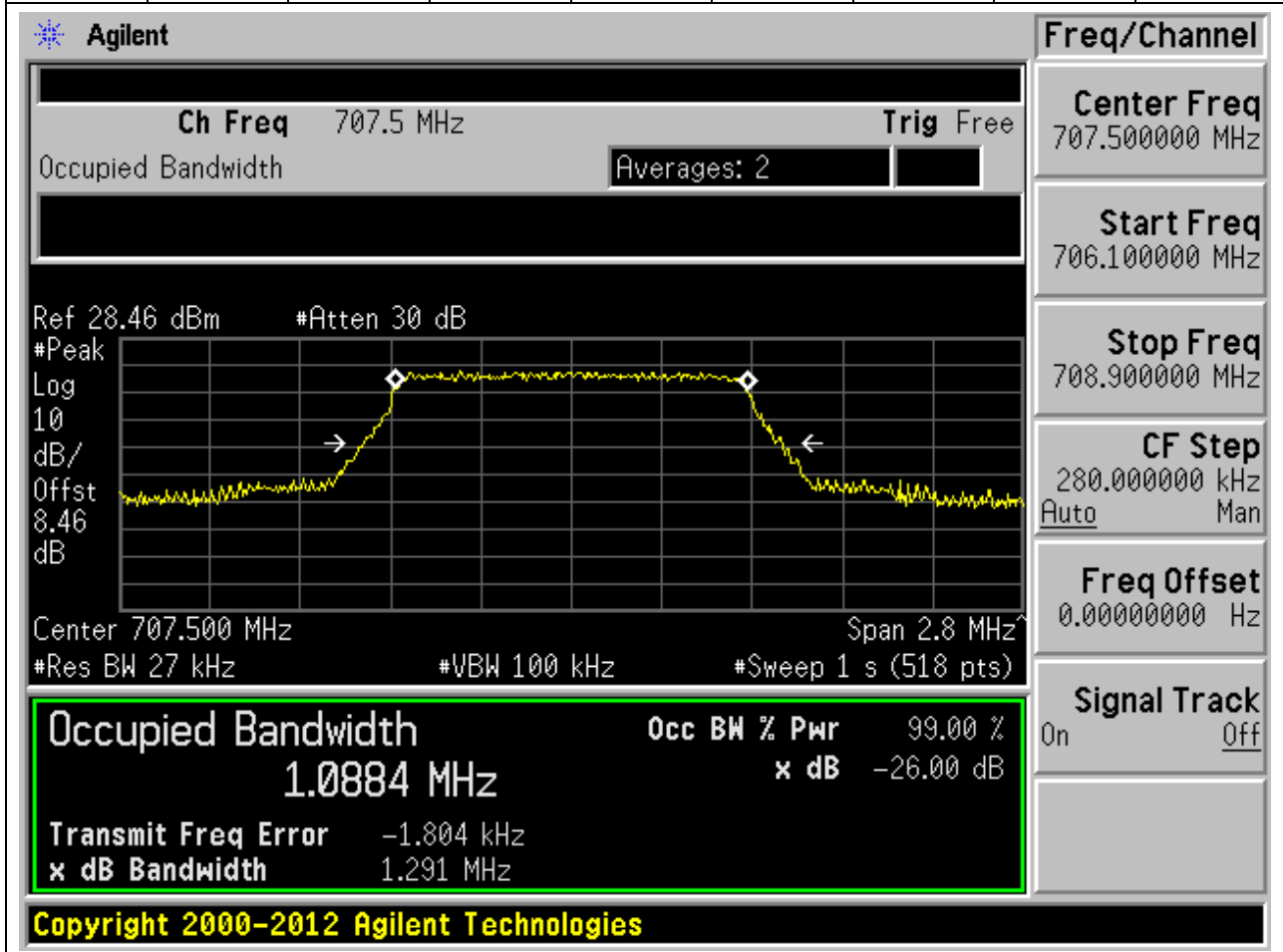
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.027	Peak	1.088	1.291	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.027	Peak	1.084	1.266	1.4	Pass

Agilent
Freq/Channel

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.46 dBm #Atten 30 dB

Center 707.500 MHz Span 2.8 MHz

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

Center Freq
707.500000 MHz

Start Freq
706.100000 MHz

Stop Freq
708.900000 MHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

1.0837 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

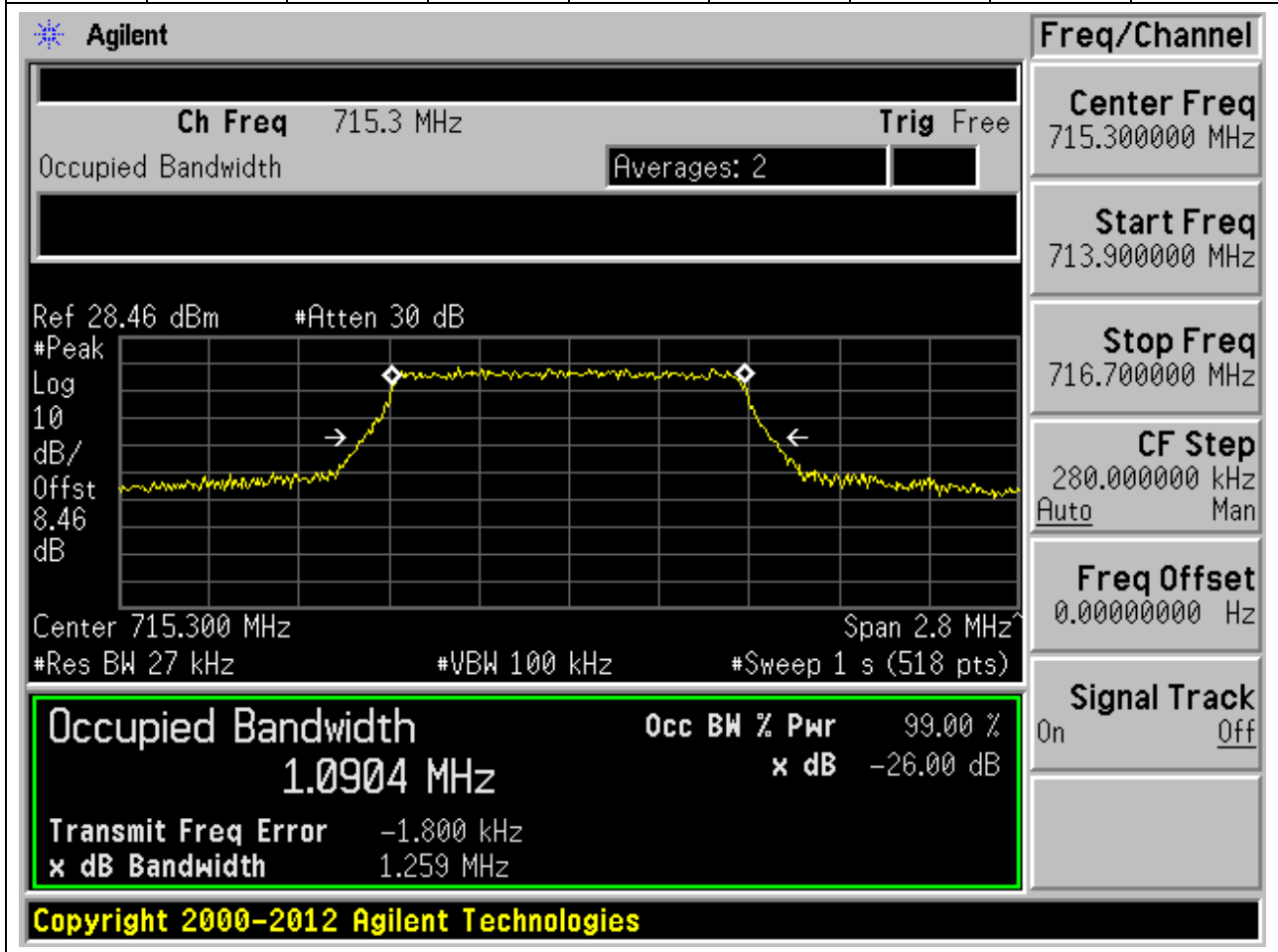
Transmit Freq Error -1.528 kHz

x dB Bandwidth 1.266 MHz

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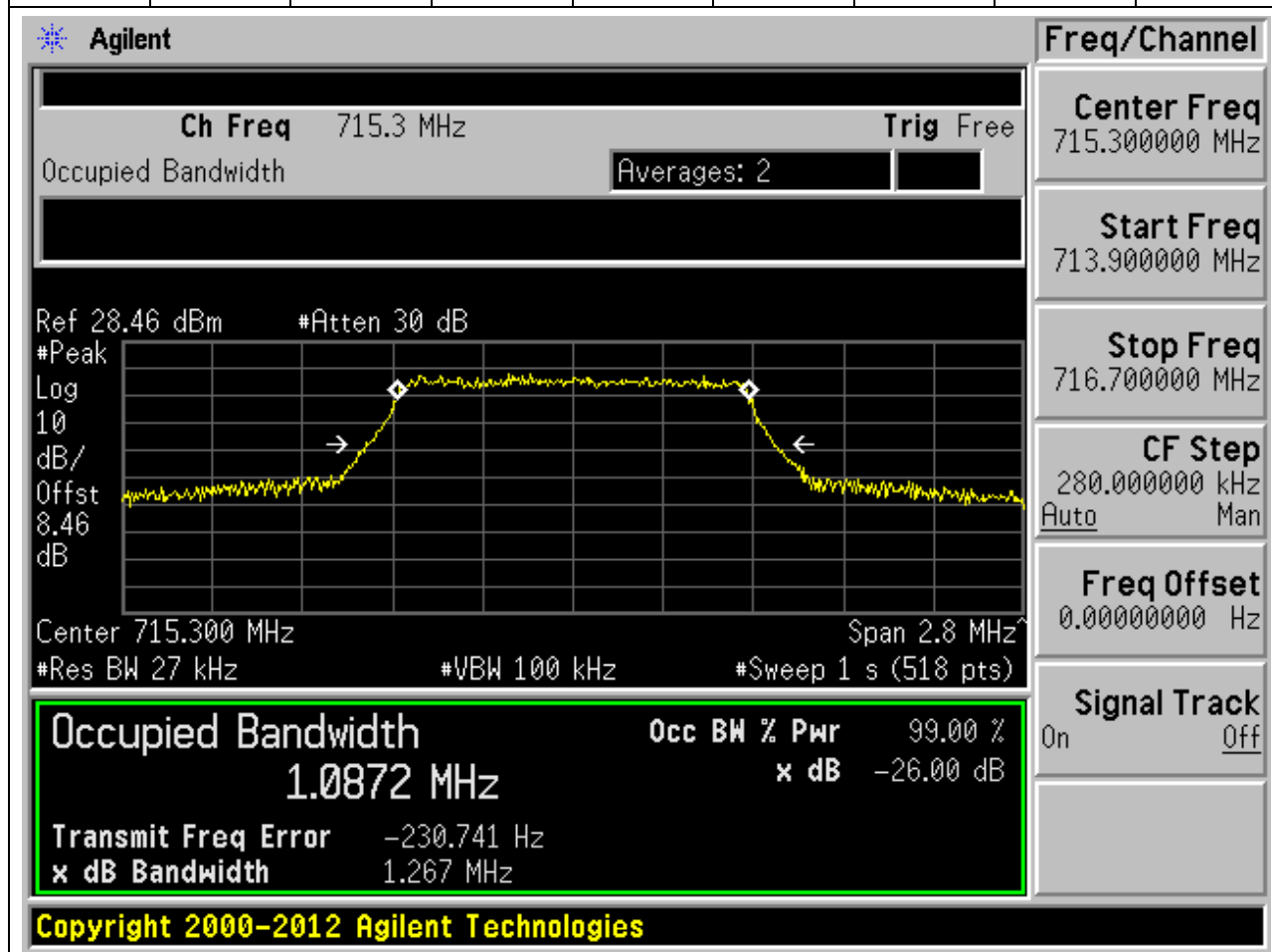
12.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.09	1.259	1.4	Pass



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

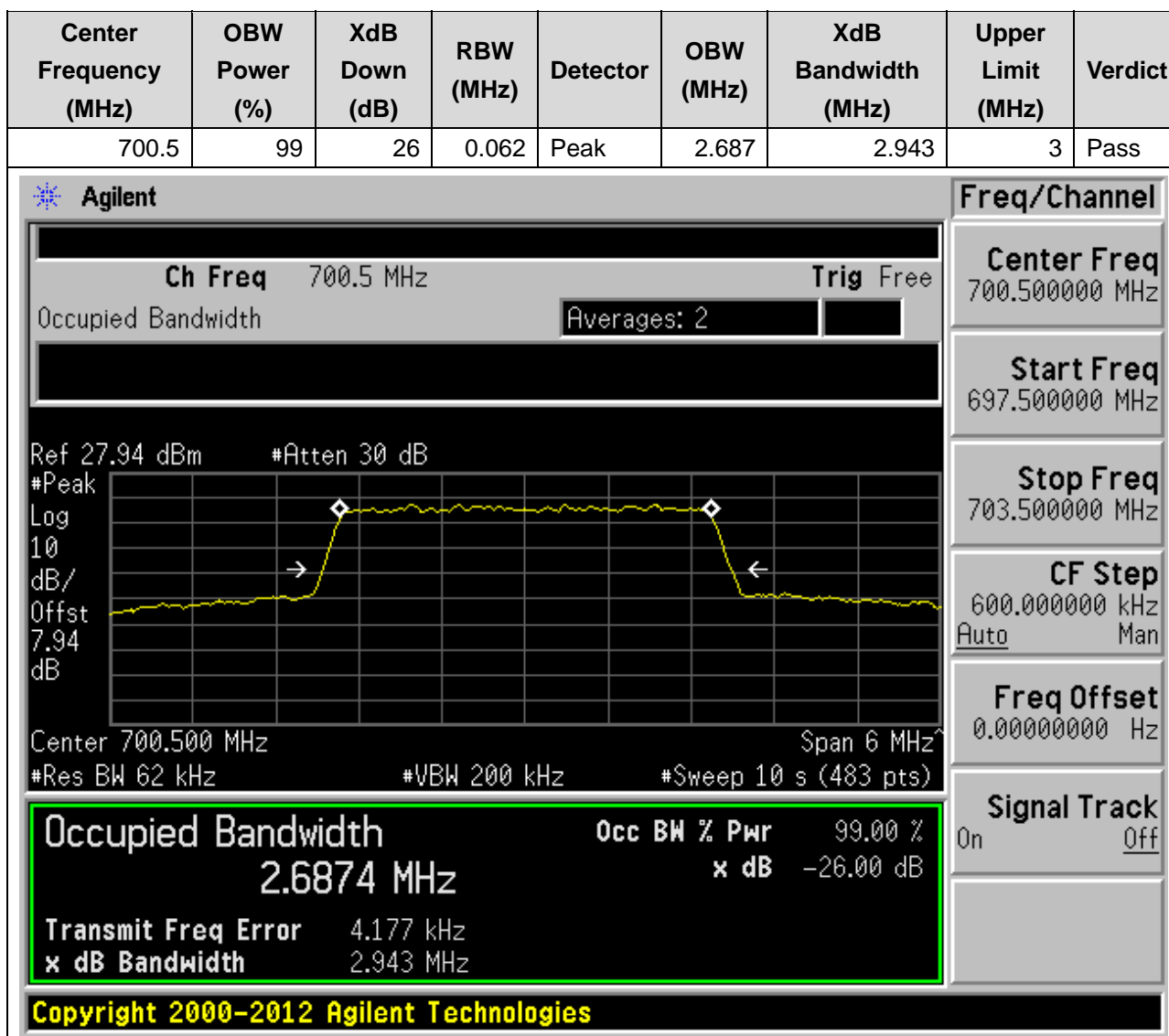
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.087	1.267	1.4	Pass



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.062	Peak	2.685	2.91	3	Pass

Agilent

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.46 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.46 dB

Center 707.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
2.6850 MHz x dB -26.00 dB

Transmit Freq Error -52.369 Hz
x dB Bandwidth 2.910 MHz

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Freq/Channel

Center Freq 707.500000 MHz

Start Freq 704.500000 MHz

Stop Freq 710.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.062	Peak	2.684	2.911	3	Pass

Agilent
Freq/Channel

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq 707.500000 MHz

Start Freq 704.500000 MHz

Stop Freq 710.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.46 dBm #Atten 30 dB

Center 707.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6840 MHz

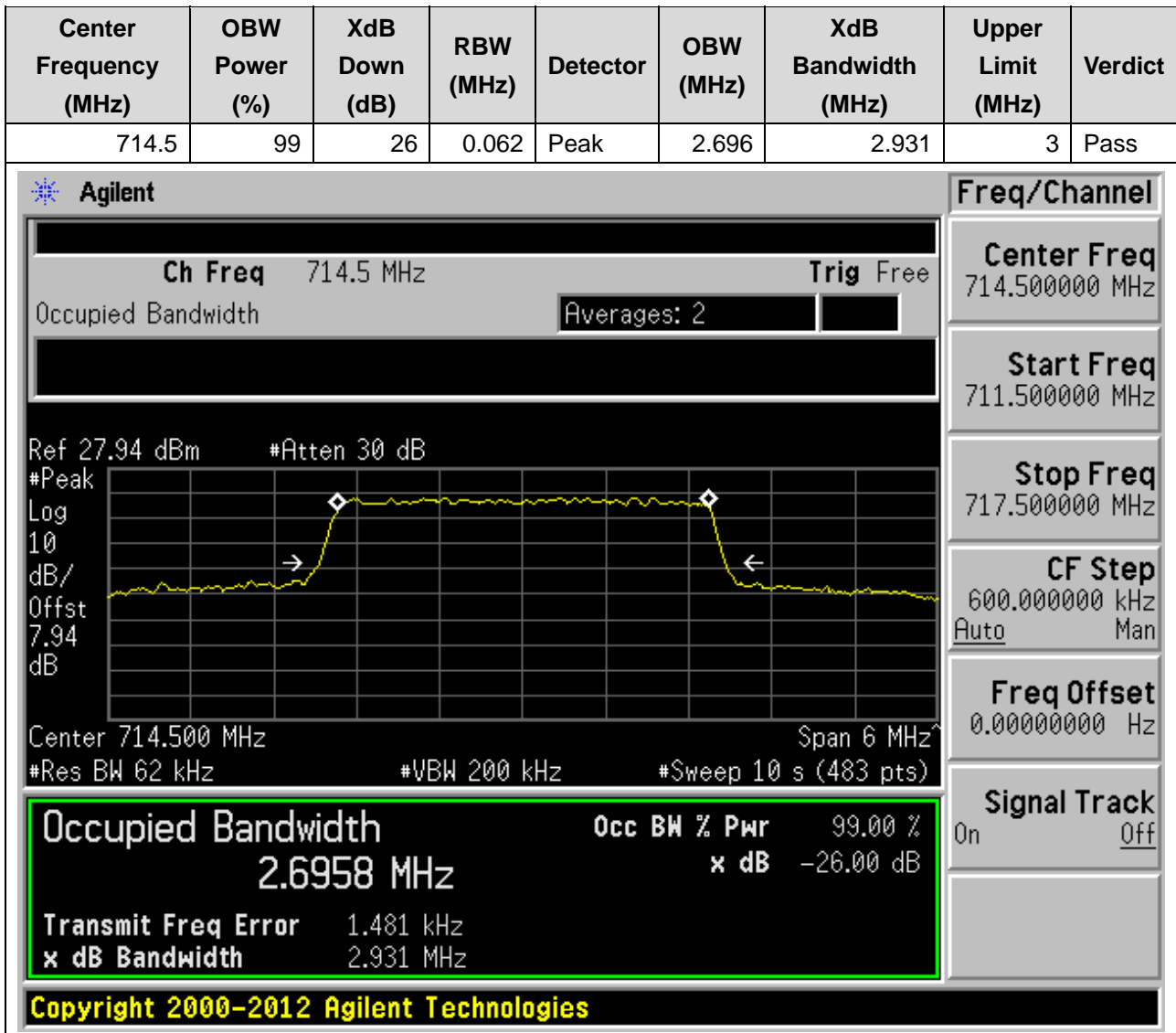
x dB -26.00 dB

Transmit Freq Error -4.444 kHz

x dB Bandwidth 2.911 MHz

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



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



12.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:23035, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
701.5	99	26	0.1	Peak	4.52	5.159	5	Pass

Agilent

Ch Freq 701.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.44 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.44 dB

Center 701.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
4.5199 MHz x dB -26.00 dB

Transmit Freq Error 3.315 kHz
 x dB Bandwidth 5.159 MHz

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Freq/Channel

Center Freq 701.500000 MHz

Start Freq 696.500000 MHz

Stop Freq 706.500000 MHz

CF Step 1.00000000 MHz
 Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

12.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:23035, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
701.5	99	26	0.1	Peak	4.508	5.138	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 701.500 MHz with a span of 10 MHz. The vertical axis is labeled 'dB/Offst' with a value of 8.44 dB. The horizontal axis is labeled 'Span 10 MHz'. The plot shows a signal with a peak at 701.500 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.5079 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -1.604 kHz and the 'x dB Bandwidth' is 5.138 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.5079 MHz		x dB	-26.00 dB
Transmit Freq Error		-1.604 kHz	
x dB Bandwidth		5.138 MHz	

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12.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:23095, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.509	5.143	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 707.5 MHz. The occupied bandwidth is highlighted in a green box, showing 4.5091 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -3.238 kHz and the XdB bandwidth is 5.143 MHz. The interface also shows various settings like Res BW, VBW, and Sweep.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.5091 MHz		x dB	-26.00 dB
Transmit Freq Error		-3.238 kHz	
x dB Bandwidth		5.143 MHz	

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12.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:23095, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.518	5.181	5	Pass

Agilent
Freq/Channel

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.46 dBm #Atten 30 dB

Center 707.500 MHz Span 10 MHz

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

Center Freq
707.500000 MHz

Start Freq
702.500000 MHz

Stop Freq
712.500000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

4.5182 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -6.017 kHz

x dB Bandwidth 5.181 MHz

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12.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:23155, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.498	5.111	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 713.5 MHz. The occupied bandwidth is 4.4978 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -5.723 kHz, and the XdB bandwidth is 5.111 MHz. The signal track is turned off.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4978 MHz		x dB	-26.00 dB
Transmit Freq Error	-5.723 kHz		
x dB Bandwidth	5.111 MHz		

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12.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.512	5.192	5	Pass

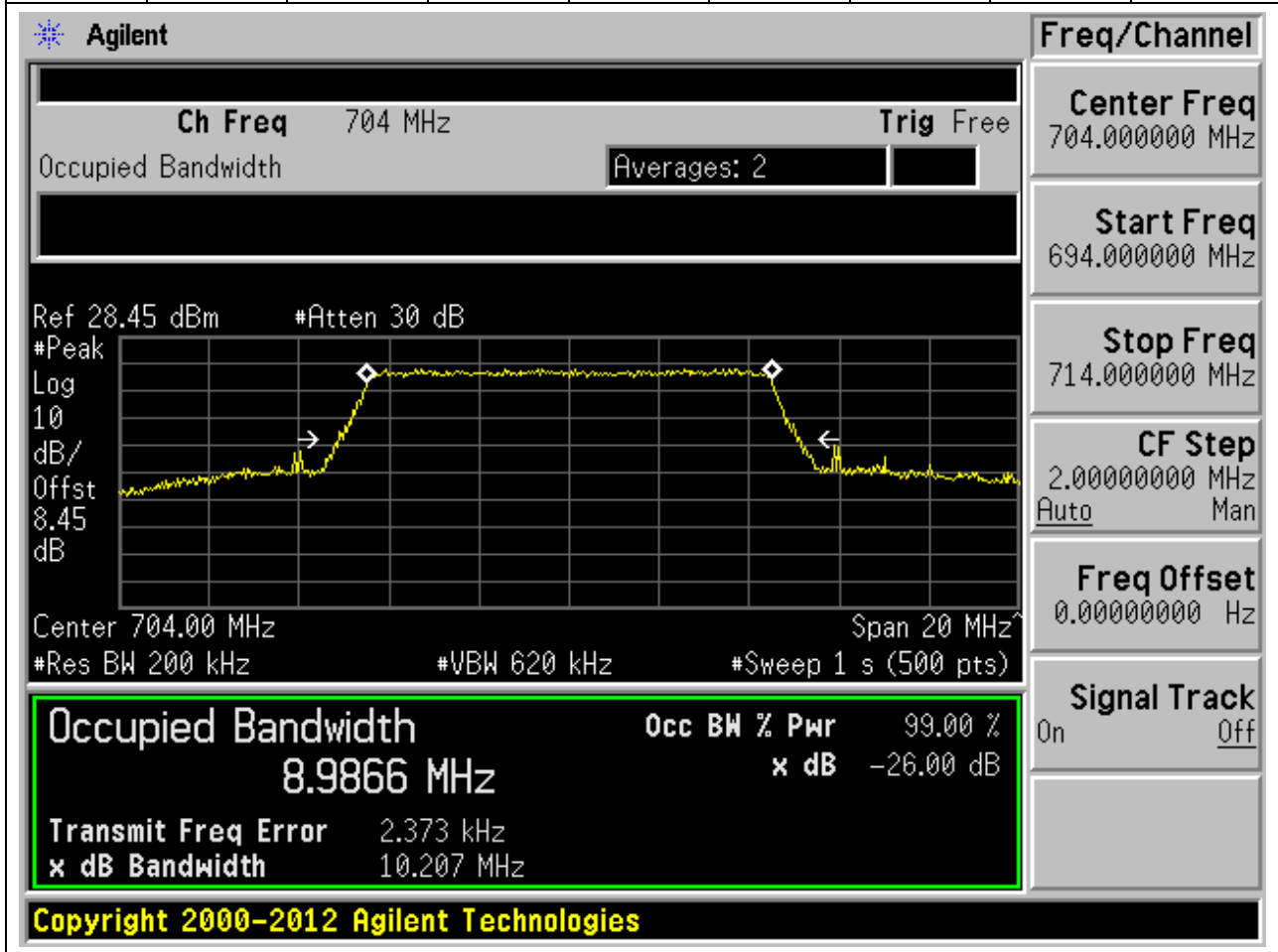
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 713.5 MHz. The occupied bandwidth is 4.5125 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The transmit frequency error is -2.308 kHz, and the XdB bandwidth is 5.192 MHz. The signal track is turned off.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.5125 MHz		x dB	-26.00 dB
Transmit Freq Error		-2.308 kHz	
x dB Bandwidth		5.192 MHz	

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12.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
704	99	26	0.2	Peak	8.987	10.207	10	Pass



12.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
704	99	26	0.2	Peak	8.965	9.975	10	Pass

Agilent

Ch Freq 704 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.45 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.45 dB

Center 704.00 MHz Span 20 MHz

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

Occupied Bandwidth 8.9650 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 7.228 kHz
x dB Bandwidth 9.975 MHz

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Freq/Channel

Center Freq 704.000000 MHz

Start Freq 694.000000 MHz

Stop Freq 714.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

12.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.2	Peak	8.976	10.061	10	Pass

Agilent

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.46 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.46 dB

Center 707.50 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9762 MHz x dB -26.00 dB

Transmit Freq Error -9.942 kHz

x dB Bandwidth 10.061 MHz

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Freq/Channel

Center Freq 707.500000 MHz

Start Freq 697.500000 MHz

Stop Freq 717.500000 MHz

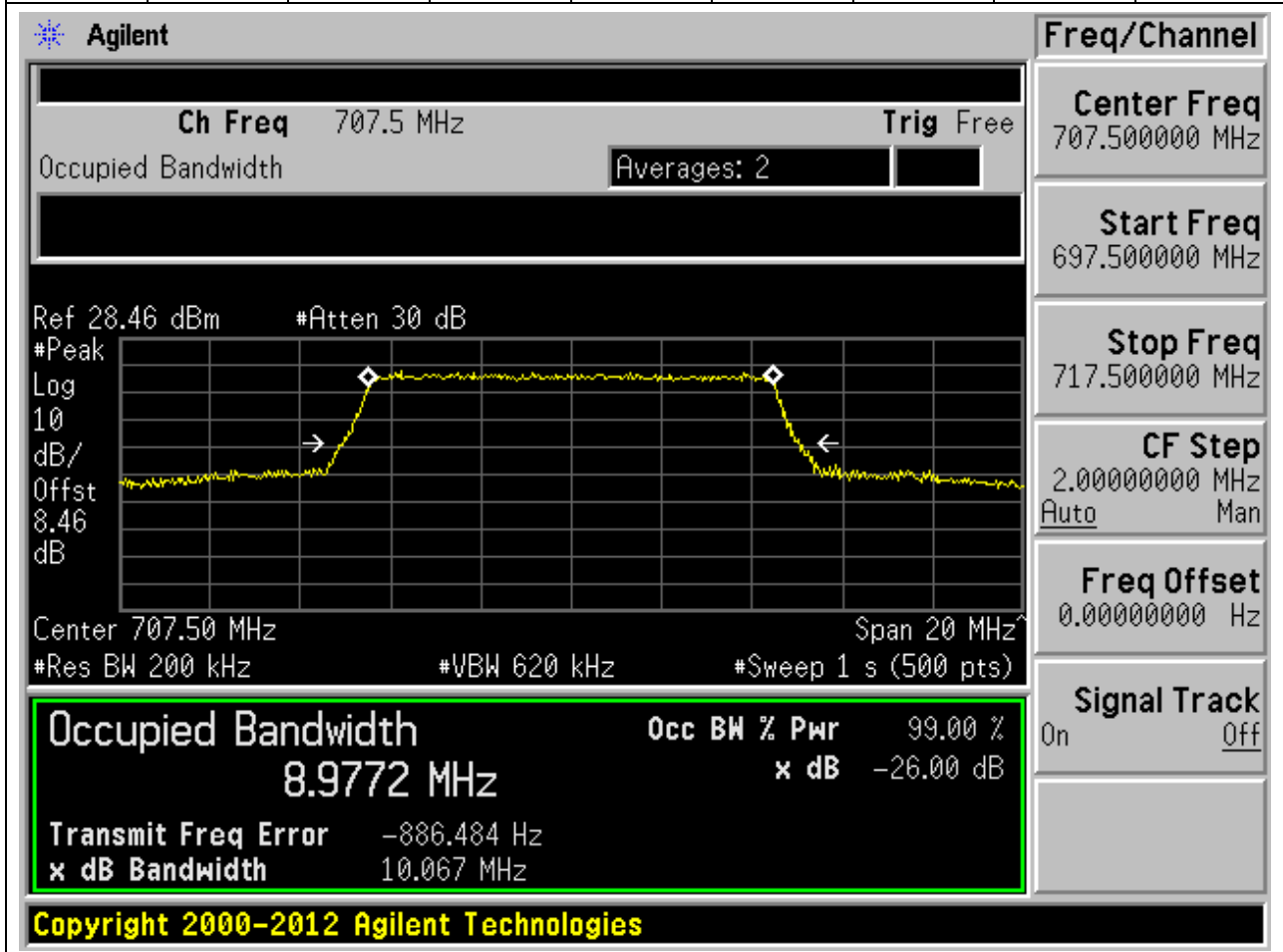
CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

12.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.2	Peak	8.977	10.066	10	Pass



12.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.986	10.05	10	Pass

Agilent

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.46 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.46 dB

Center 711.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
8.9860 MHz x dB -26.00 dB

Transmit Freq Error -17.226 kHz
 x dB Bandwidth 10.050 MHz

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Freq/Channel

Center Freq 711.000000 MHz

Start Freq 701.000000 MHz

Stop Freq 721.000000 MHz

CF Step 2.00000000 MHz
 Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

12.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.984	10.091	10	Pass

Agilent

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.46 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.46 dB

Center 711.00 MHz Span 20 MHz

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

Occupied Bandwidth 8.9840 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -20.874 kHz
x dB Bandwidth 10.091 MHz

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Freq/Channel

Center Freq 711.000000 MHz

Start Freq 701.000000 MHz

Stop Freq 721.000000 MHz

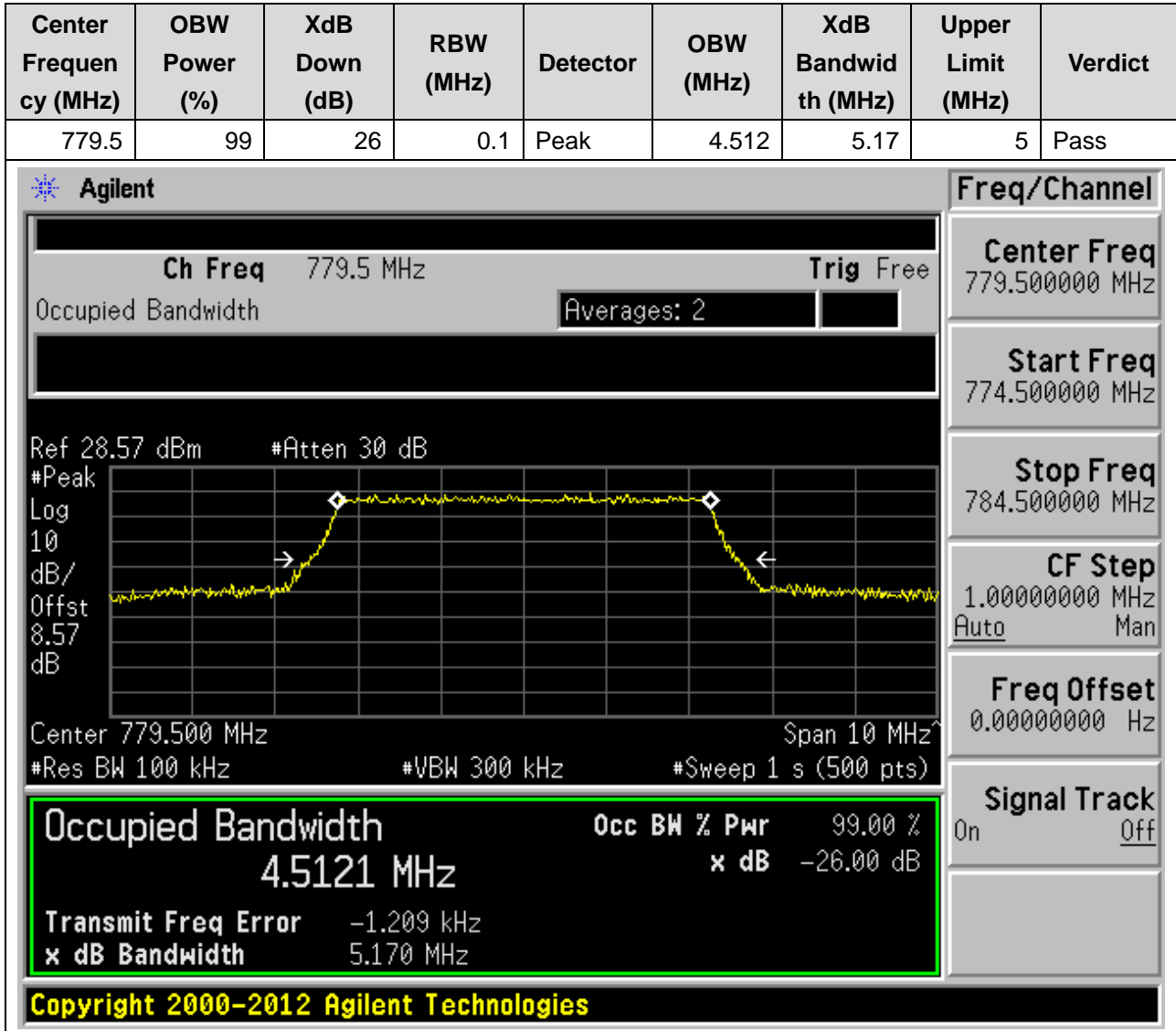
CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

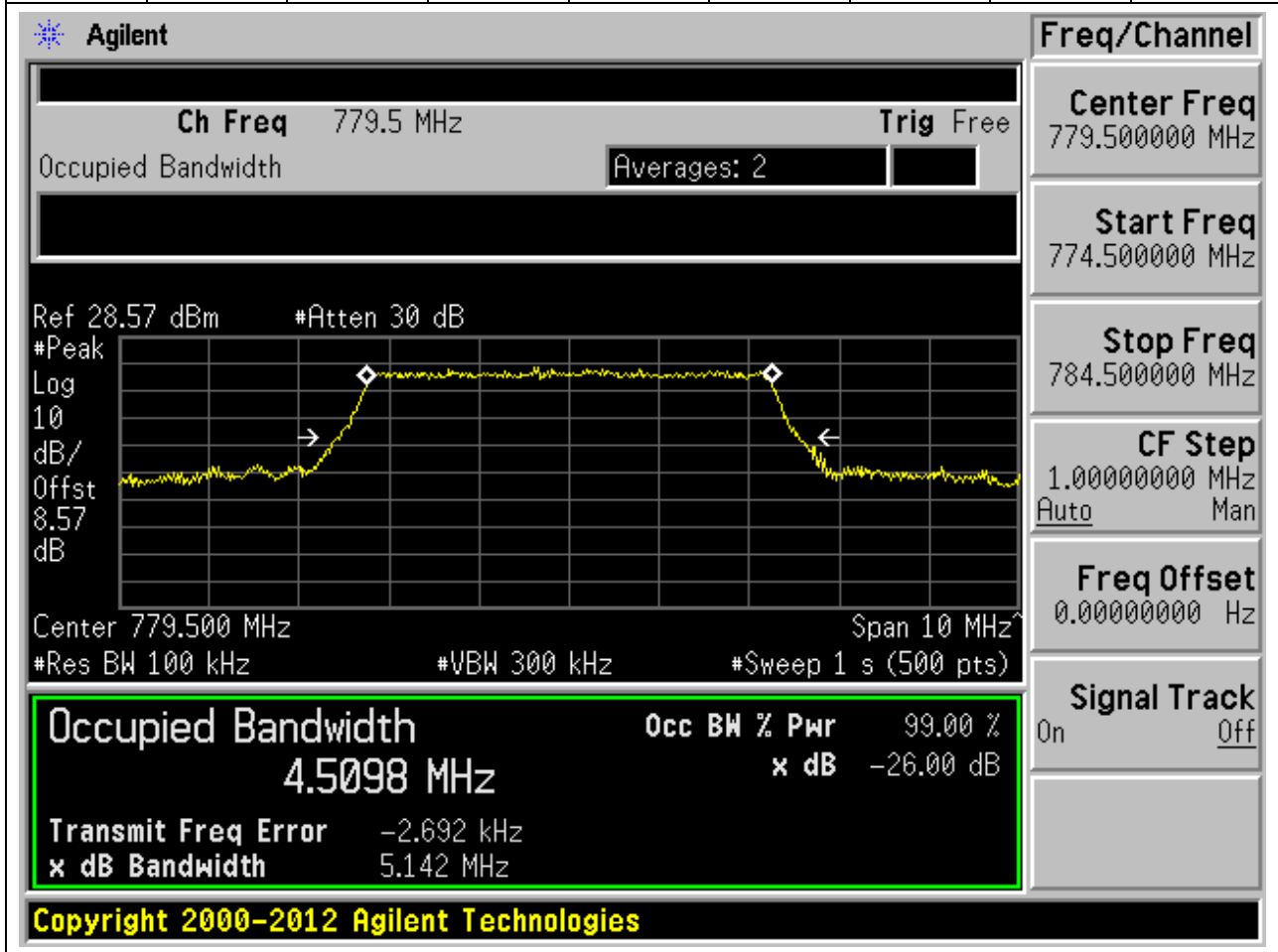
13. LTE_Band13

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



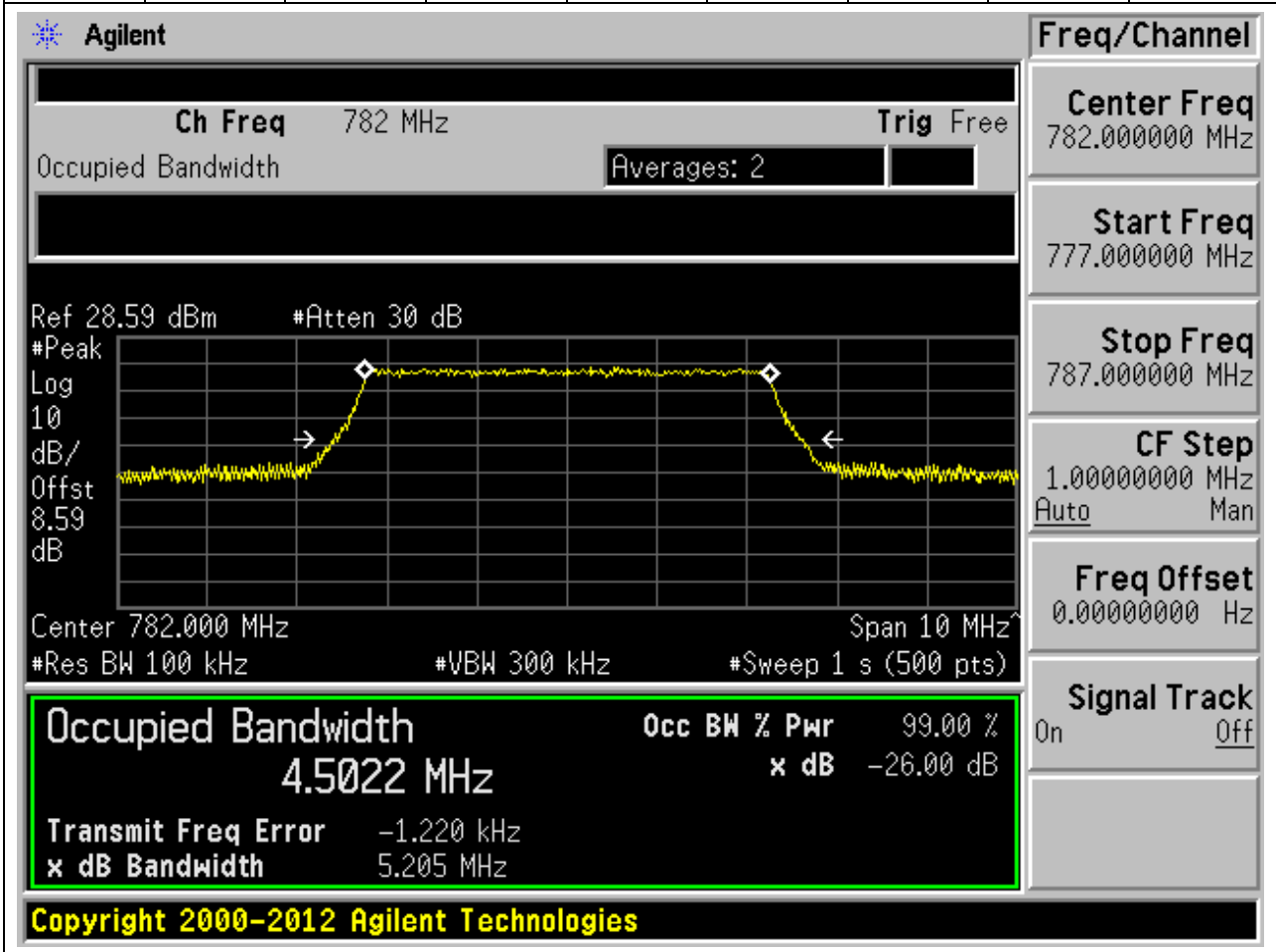
13.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:23205, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
779.5	99	26	0.1	Peak	4.51	5.142	5	Pass



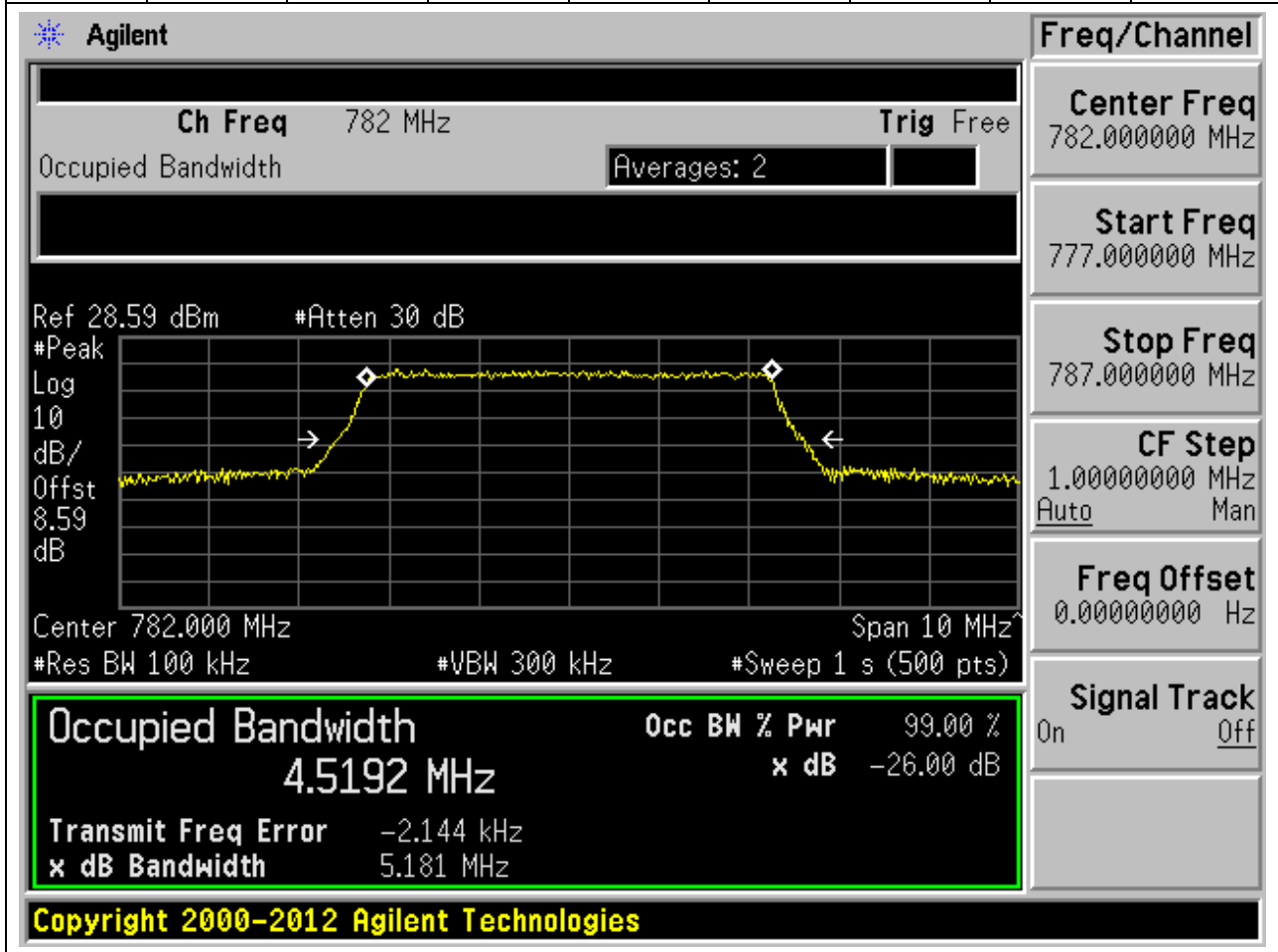
13.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
782	99	26	0.1	Peak	4.502	5.205	5	Pass



13.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:23230, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
782	99	26	0.1	Peak	4.519	5.181	5	Pass



13.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
784.5	99	26	0.1	Peak	4.503	5.147	5	Pass

Agilent

Ch Freq 784.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.61 dB

Center 784.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5033 MHz x dB -26.00 dB

Transmit Freq Error -299.303 Hz

x dB Bandwidth 5.147 MHz

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Freq/Channel

Center Freq 784.500000 MHz

Start Freq 779.500000 MHz

Stop Freq 789.500000 MHz

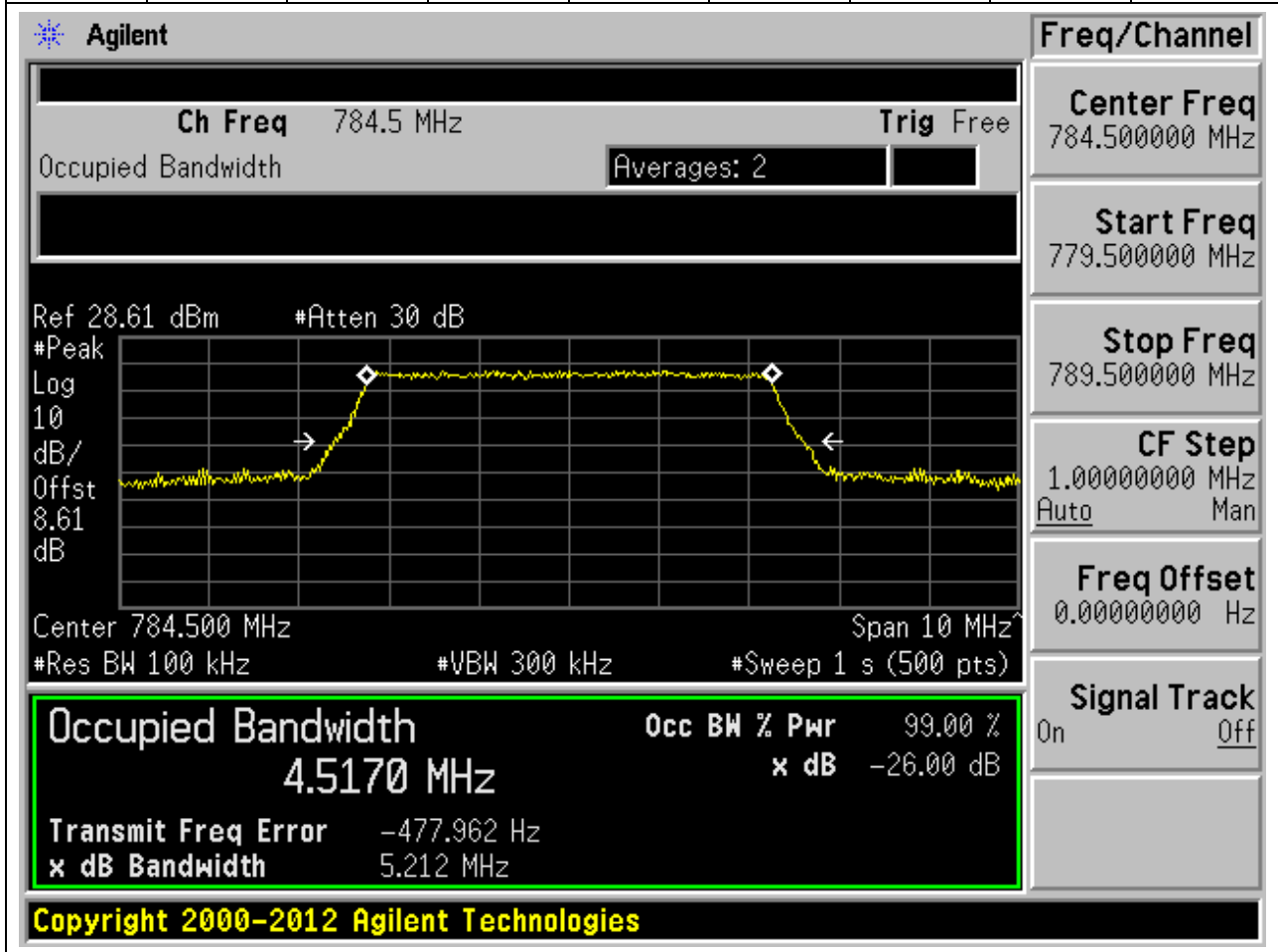
CF Step 1.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

13.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23255, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
784.5	99	26	0.1	Peak	4.517	5.212	5	Pass



13.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
782	99	26	0.2	Peak	8.993	10.149	10	Pass

The screenshot displays the Agilent spectrum analyzer interface for an Occupied Bandwidth measurement. The main display shows a signal spectrum with a yellow trace. The measurement results are summarized in a table below the spectrum:

Occupied Bandwidth	Occ BW % Pwr	X dB
8.9930 MHz	99.00 %	-26.00 dB

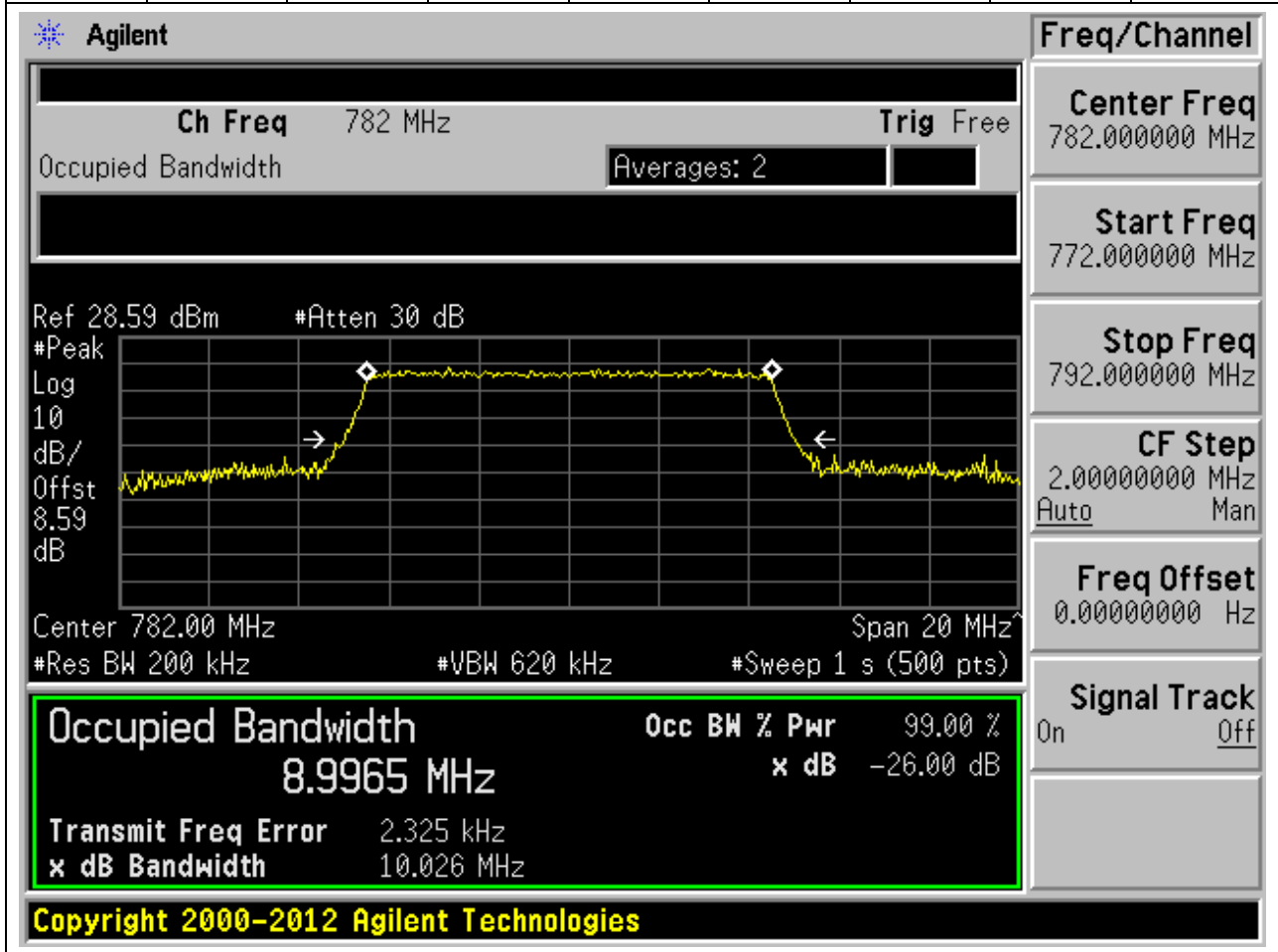
Additional parameters shown in the interface include:

- Center Freq: 782 MHz
- Span: 20 MHz
- Ref: 28.59 dBm
- #Atten: 30 dB
- Trig: Free
- Averages: 2
- Res BW: 200 kHz
- VBW: 620 kHz
- Sweep: 1 s (500 pts)
- Transmit Freq Error: 3.847 kHz
- x dB Bandwidth: 10.149 MHz

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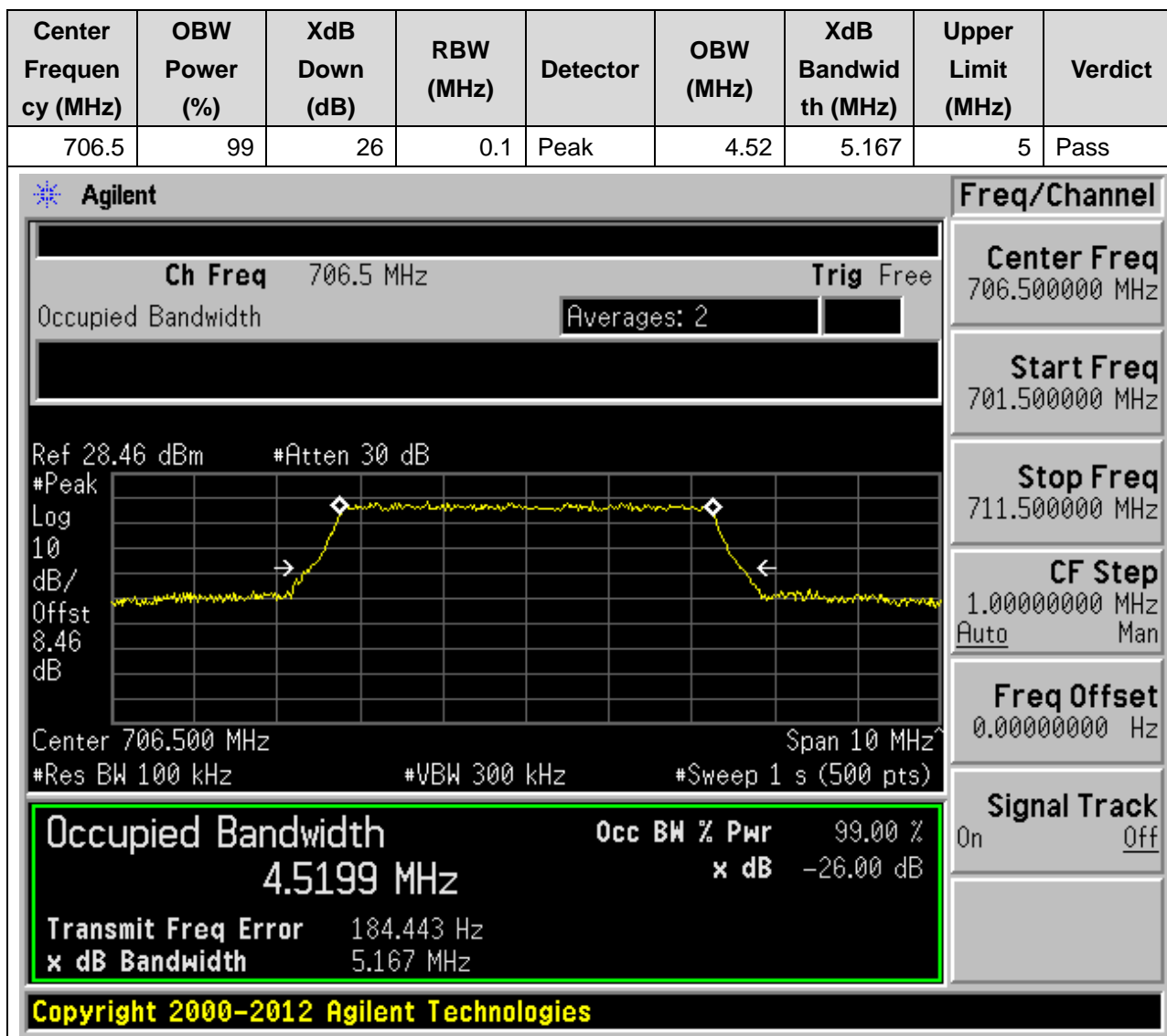
13.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
782	99	26	0.2	Peak	8.996	10.026	10	Pass



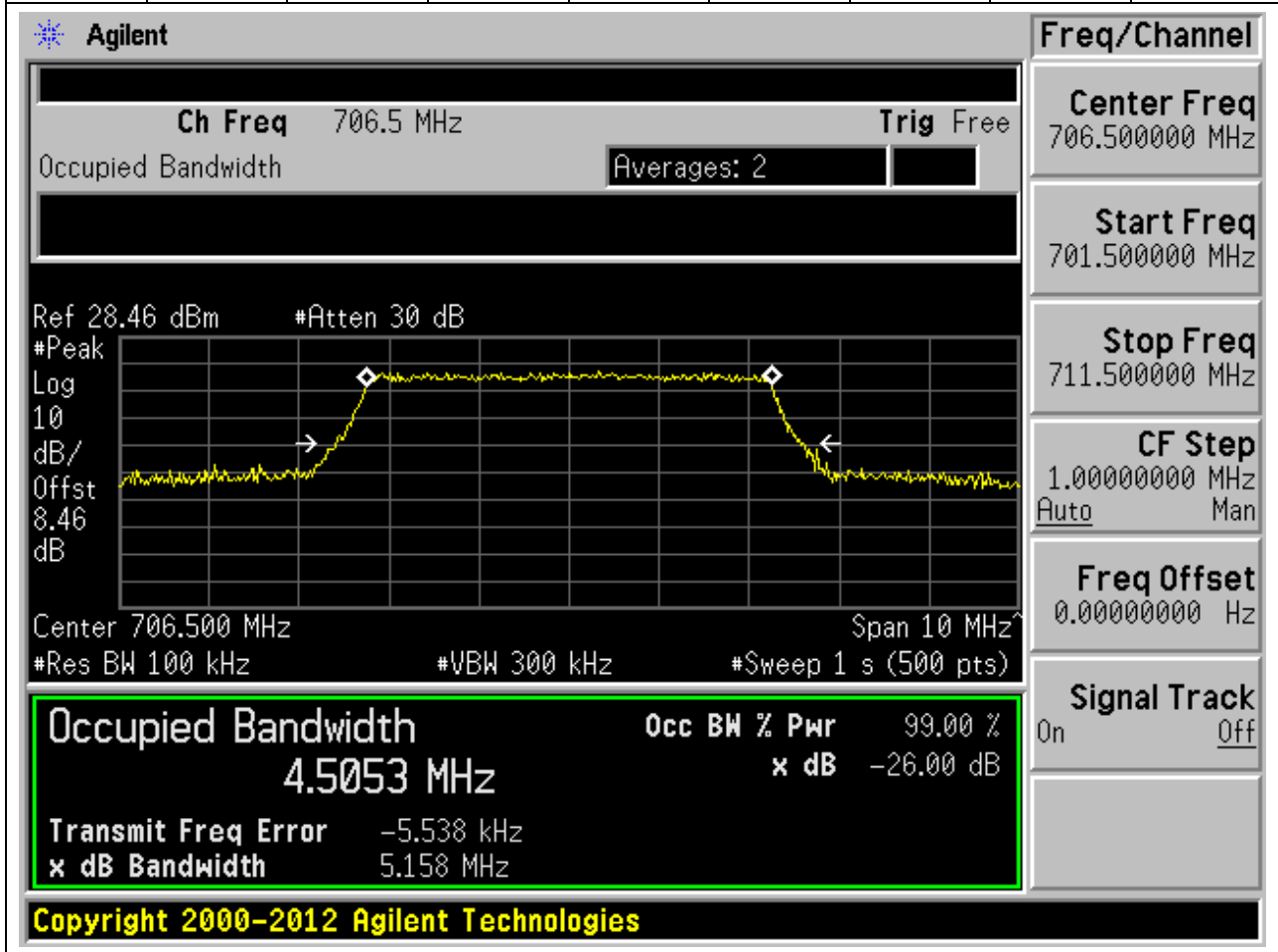
14. LTE_Band17

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



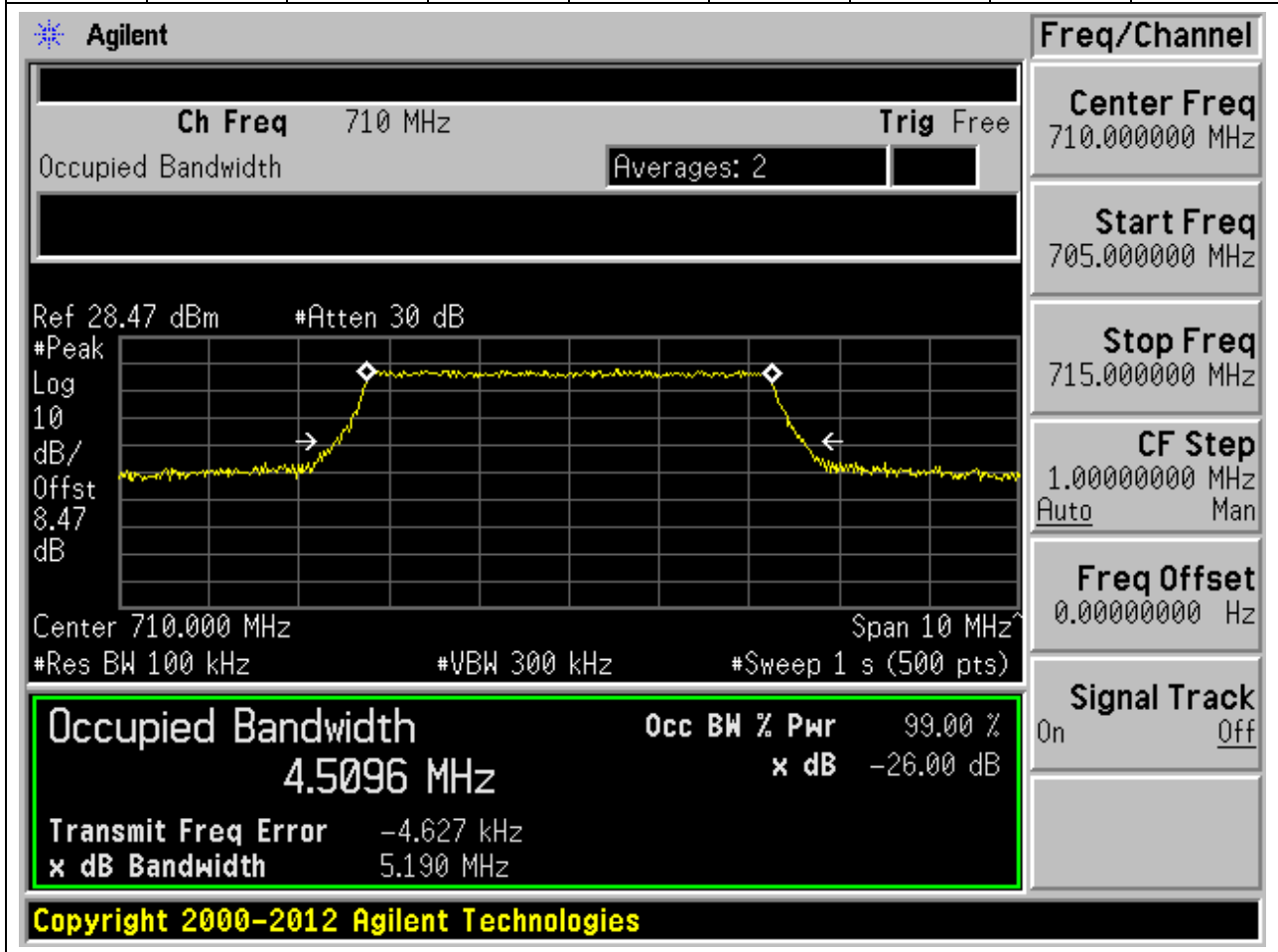
14.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
706.5	99	26	0.1	Peak	4.505	5.158	5	Pass



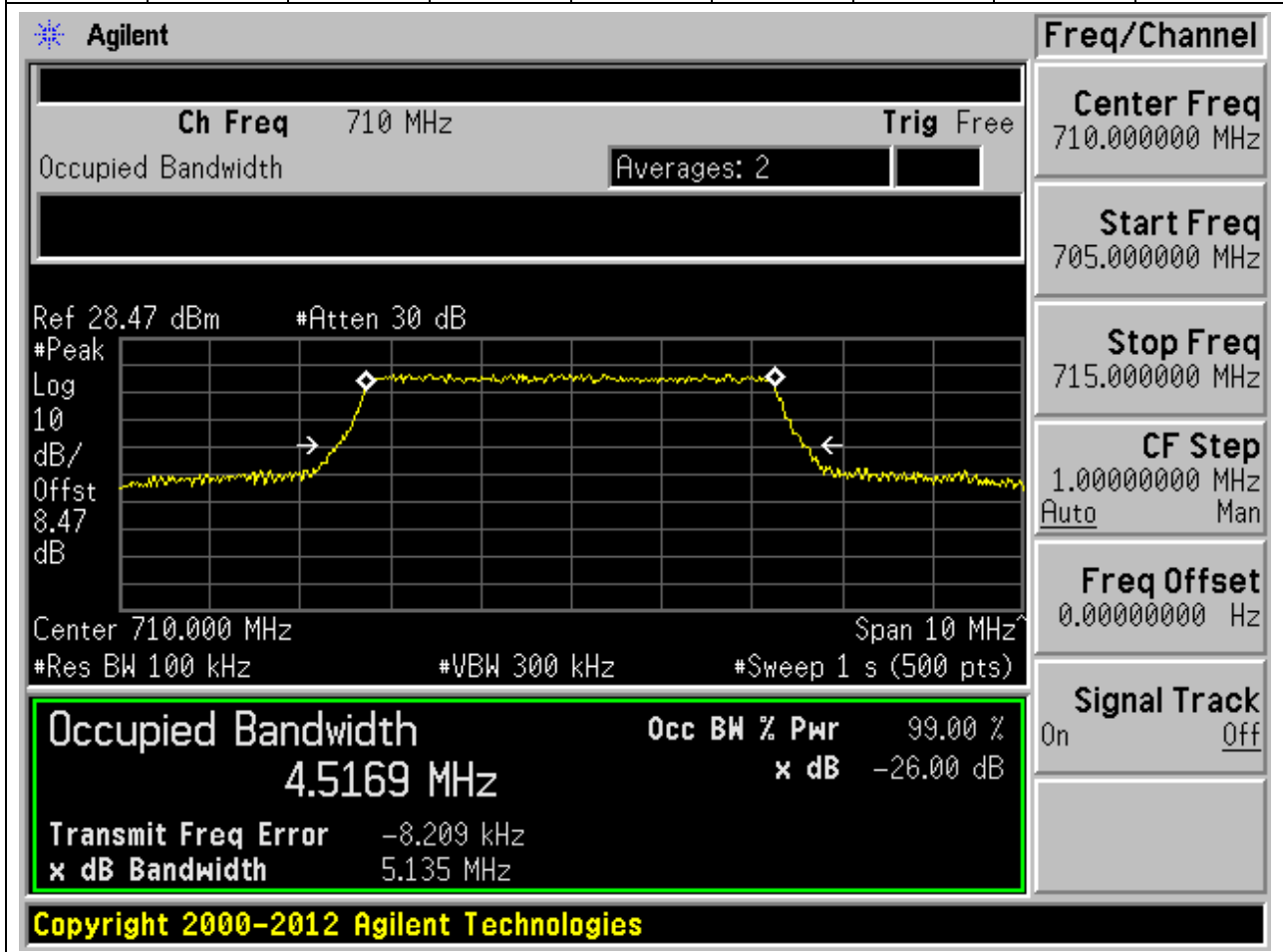
14.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.1	Peak	4.51	5.19	5	Pass



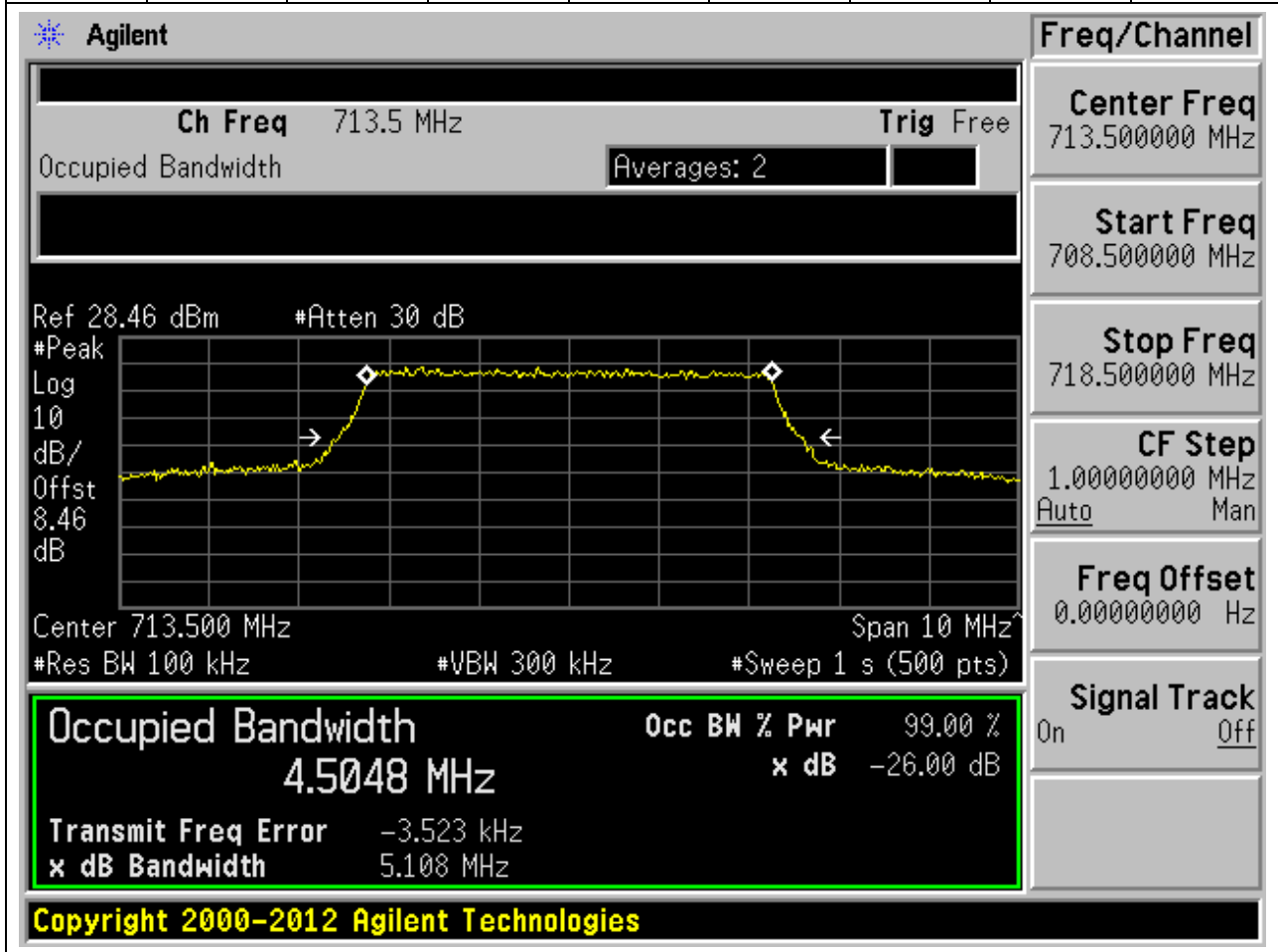
14.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.1	Peak	4.517	5.135	5	Pass



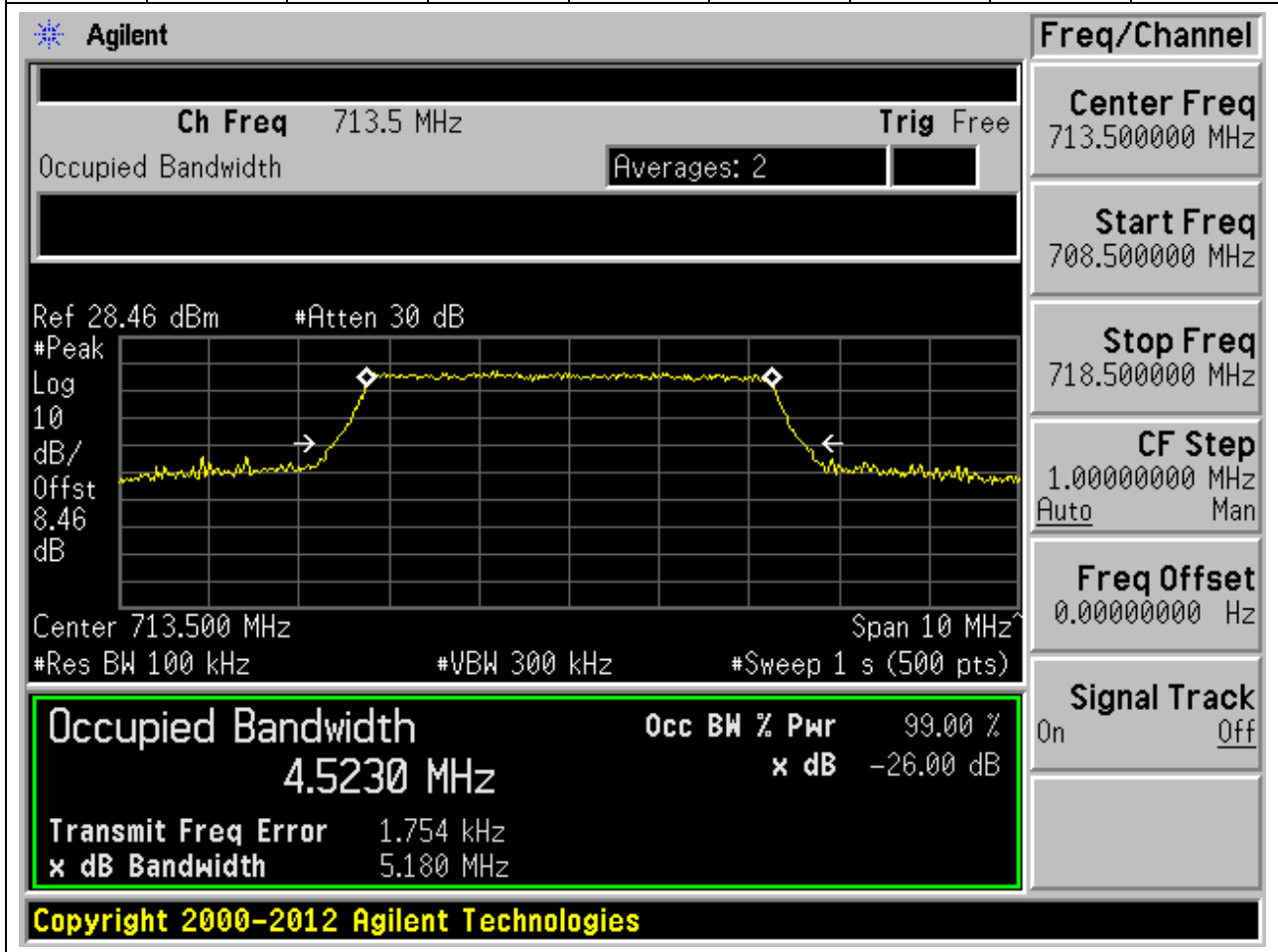
14.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.505	5.108	5	Pass



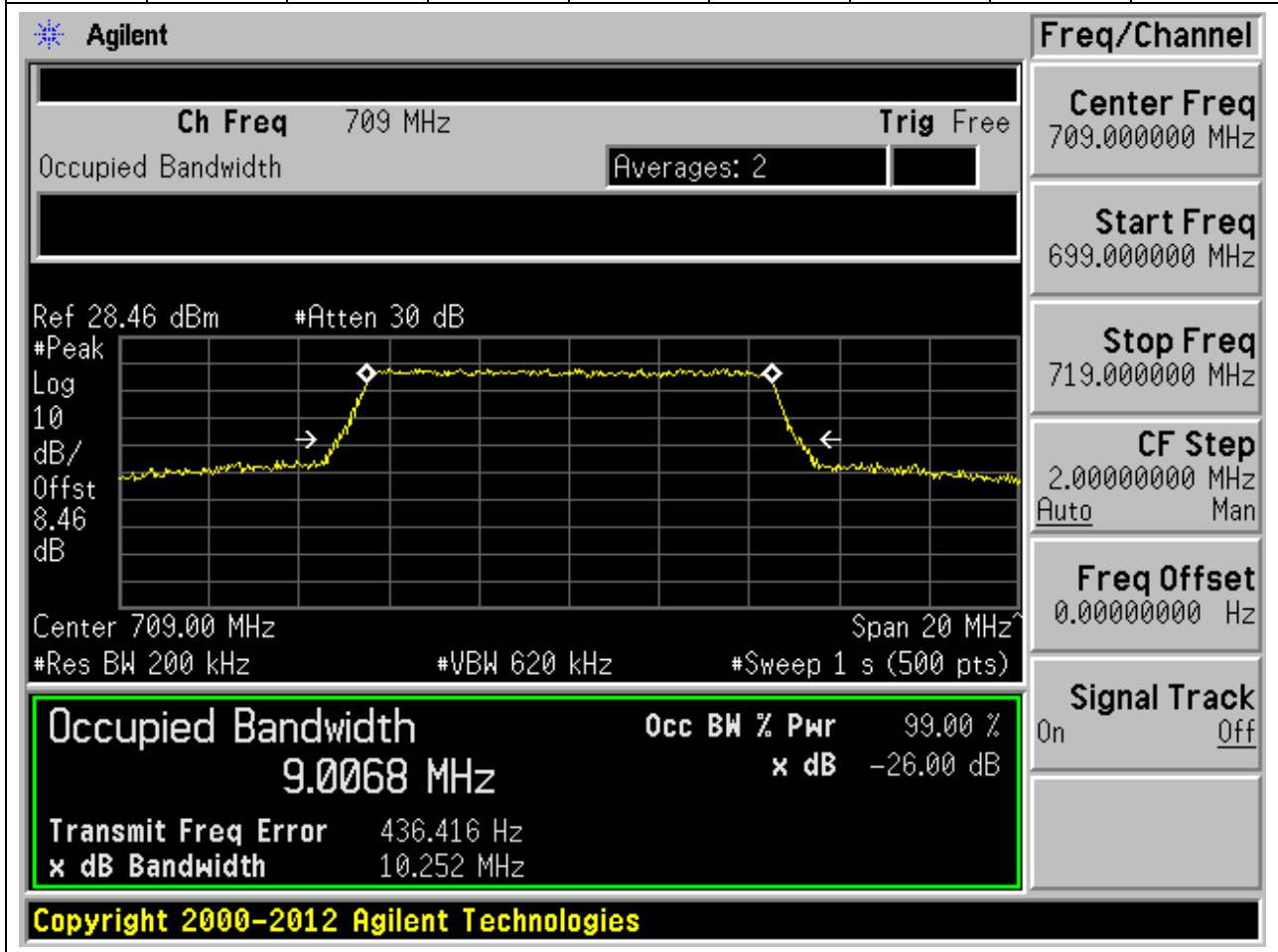
14.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.523	5.18	5	Pass



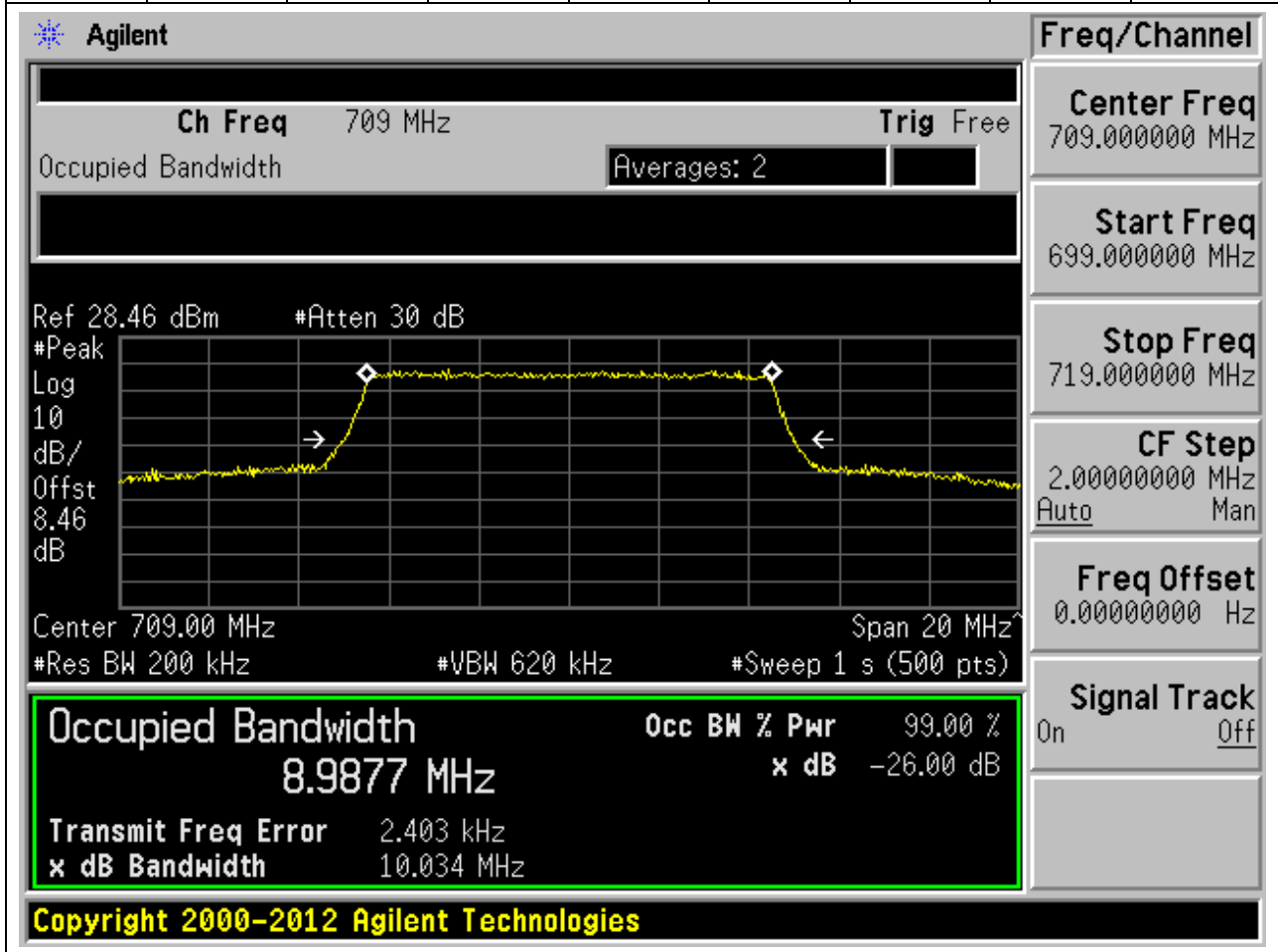
14.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
709	99	26	0.2	Peak	9.007	10.252	10	Pass



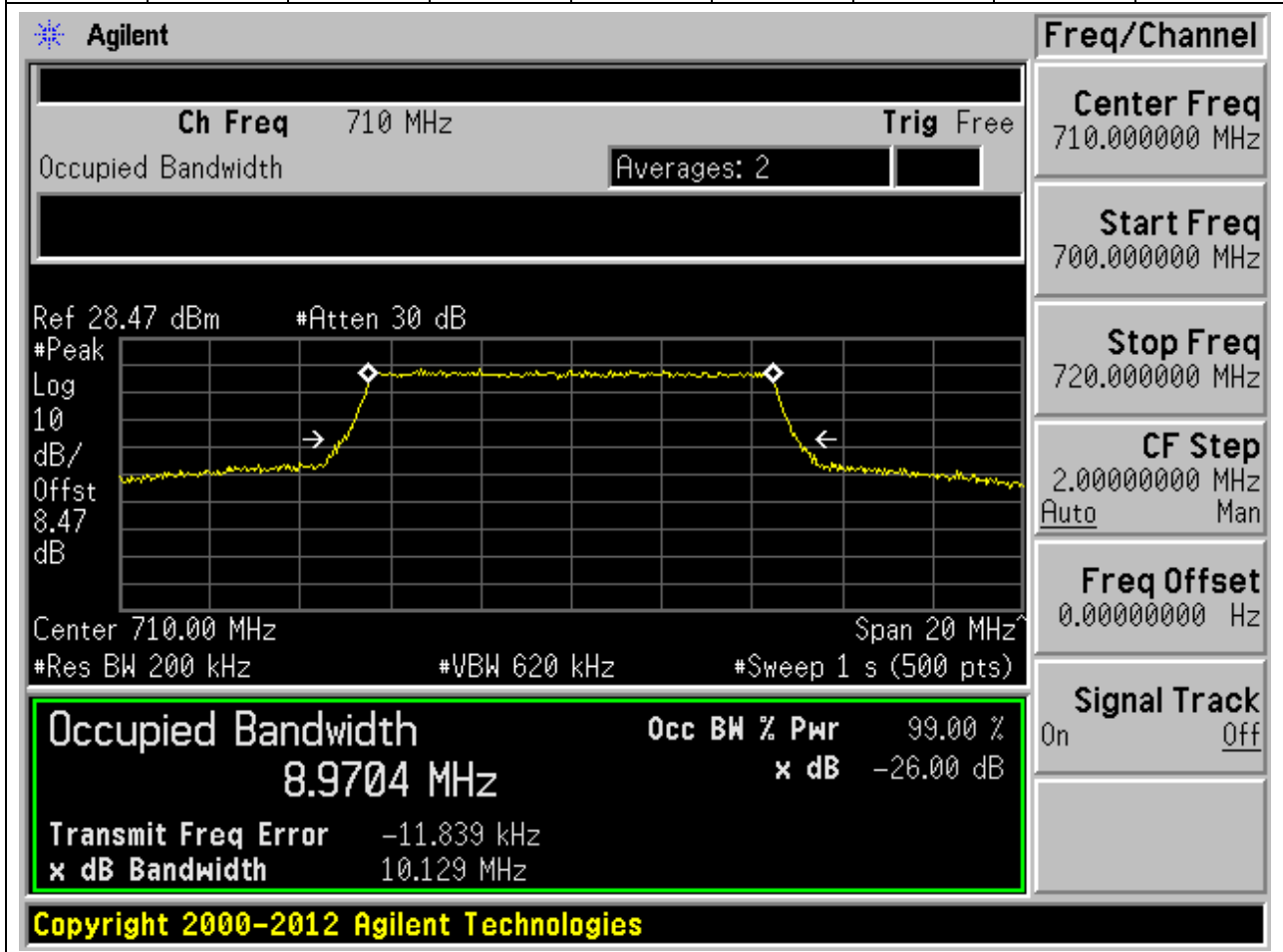
14.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
709	99	26	0.2	Peak	8.988	10.034	10	Pass



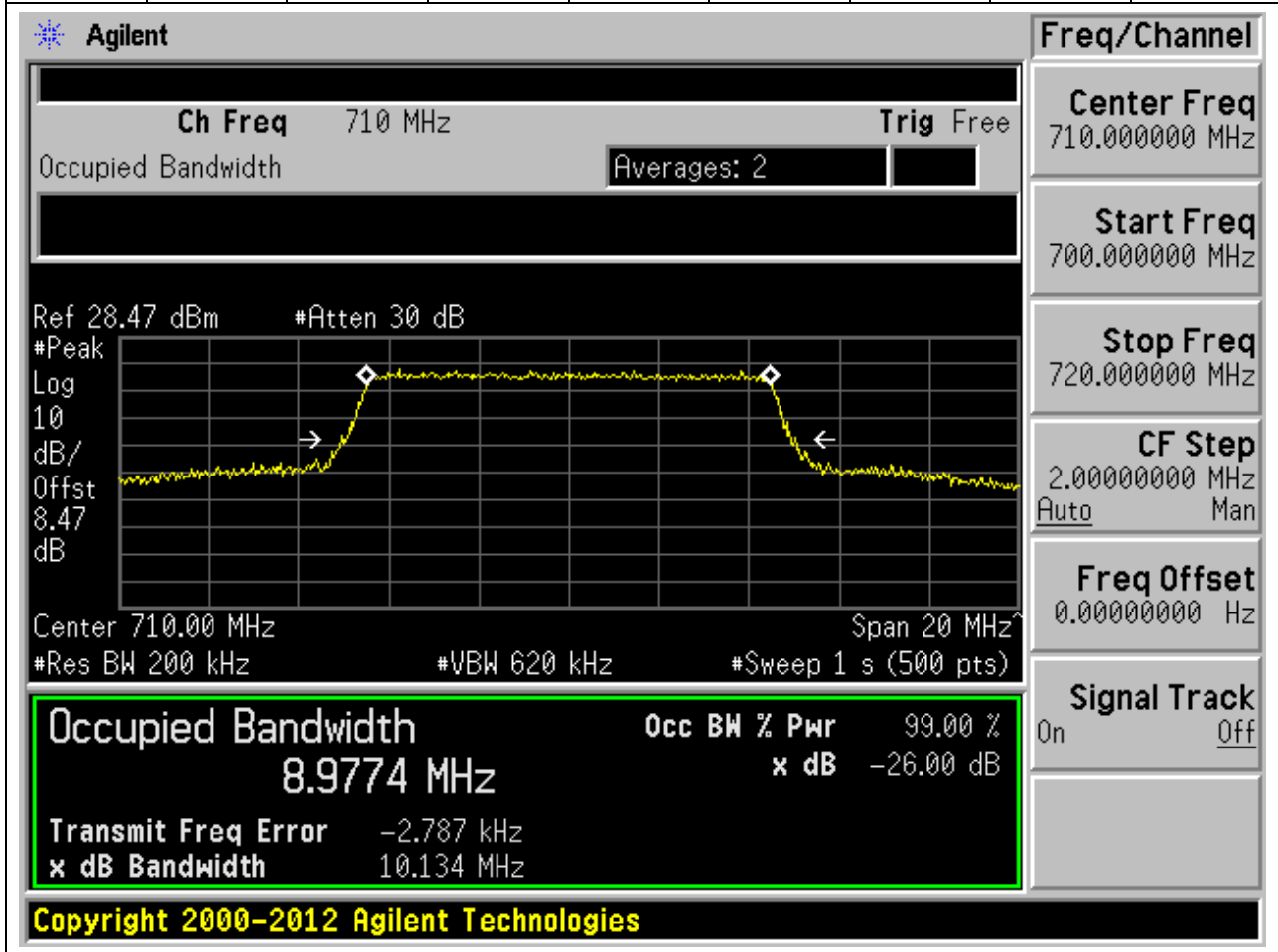
14.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.2	Peak	8.97	10.129	10	Pass



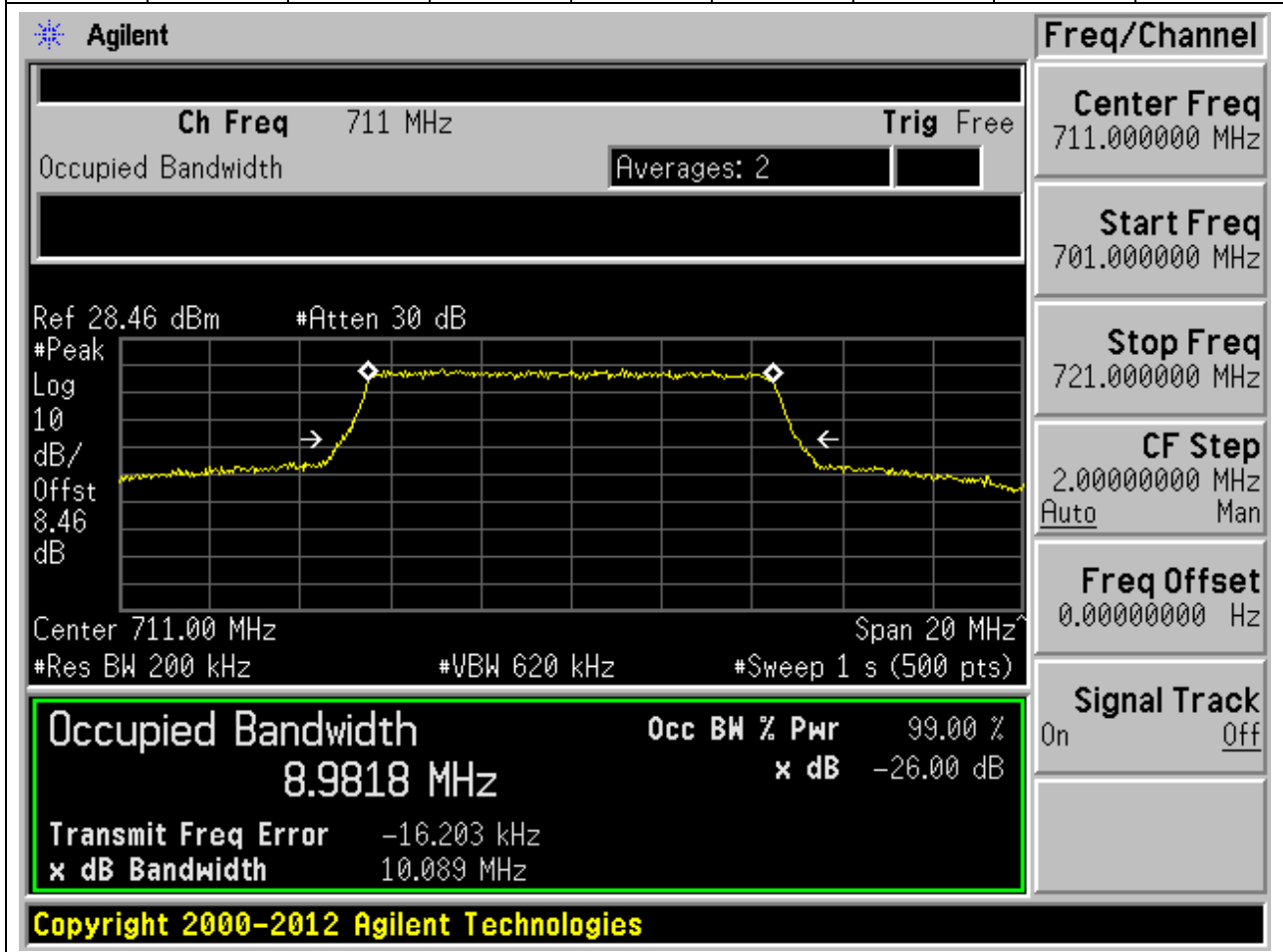
14.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.2	Peak	8.977	10.134	10	Pass



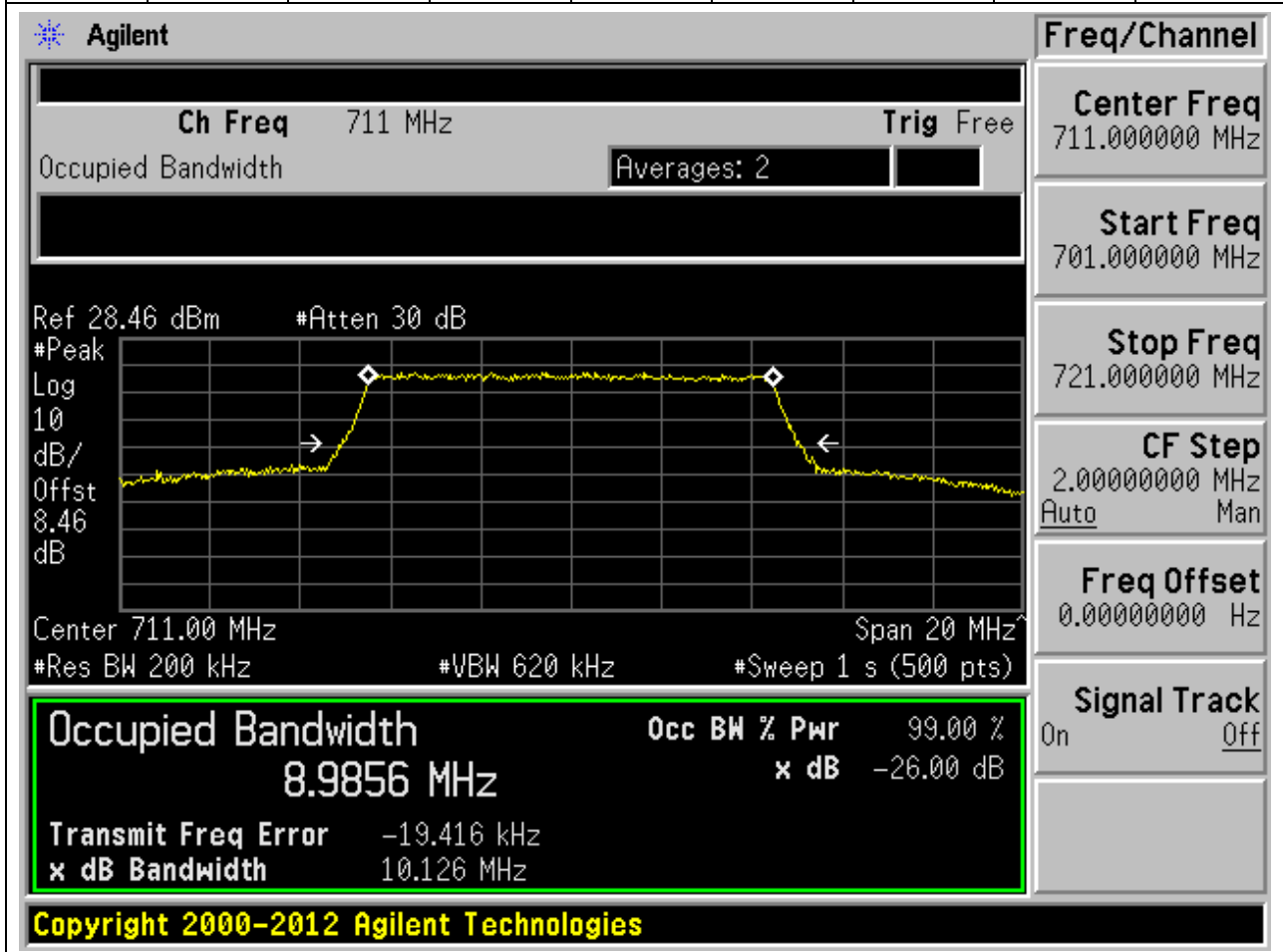
14.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.982	10.089	10	Pass



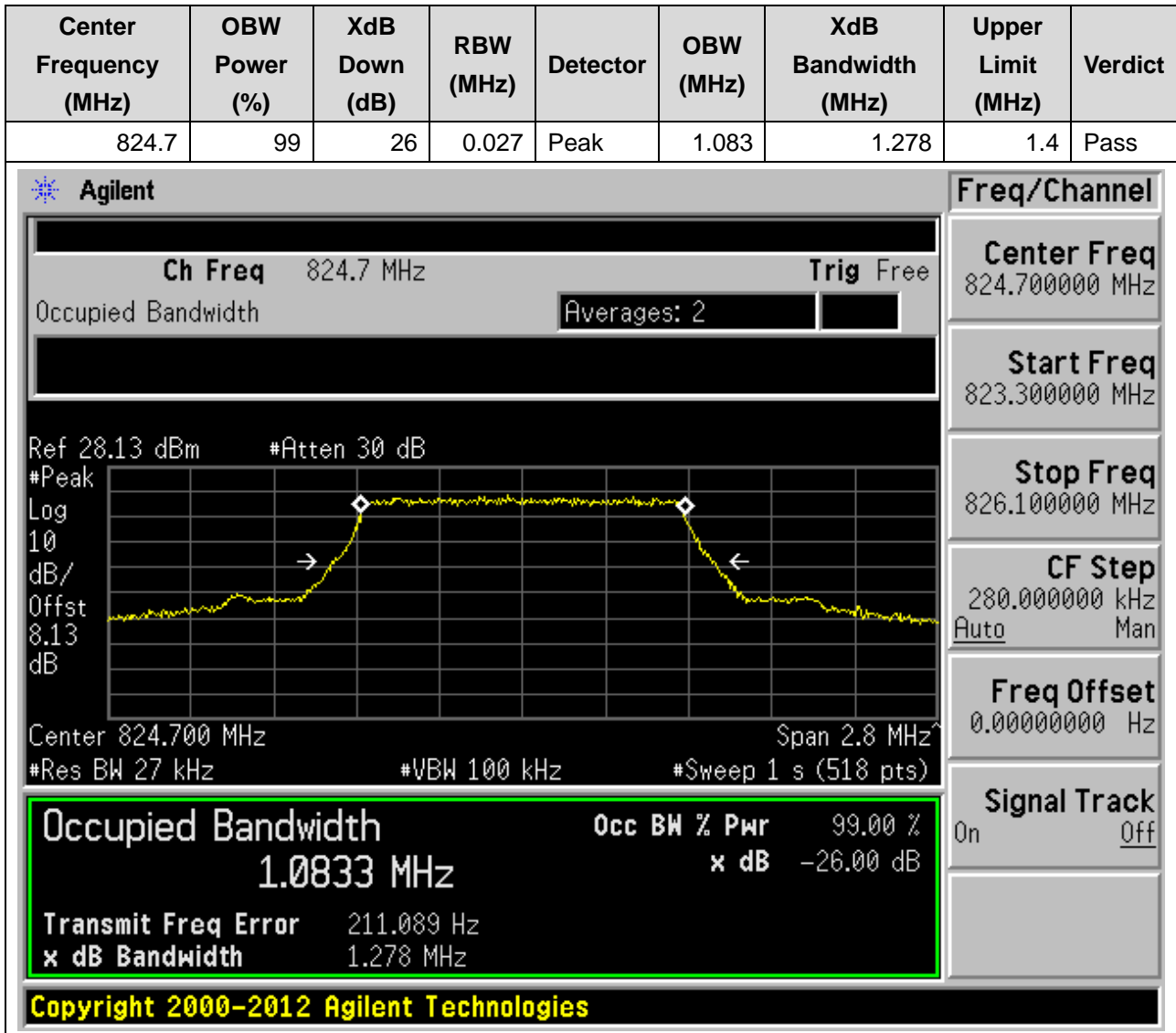
14.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.986	10.126	10	Pass

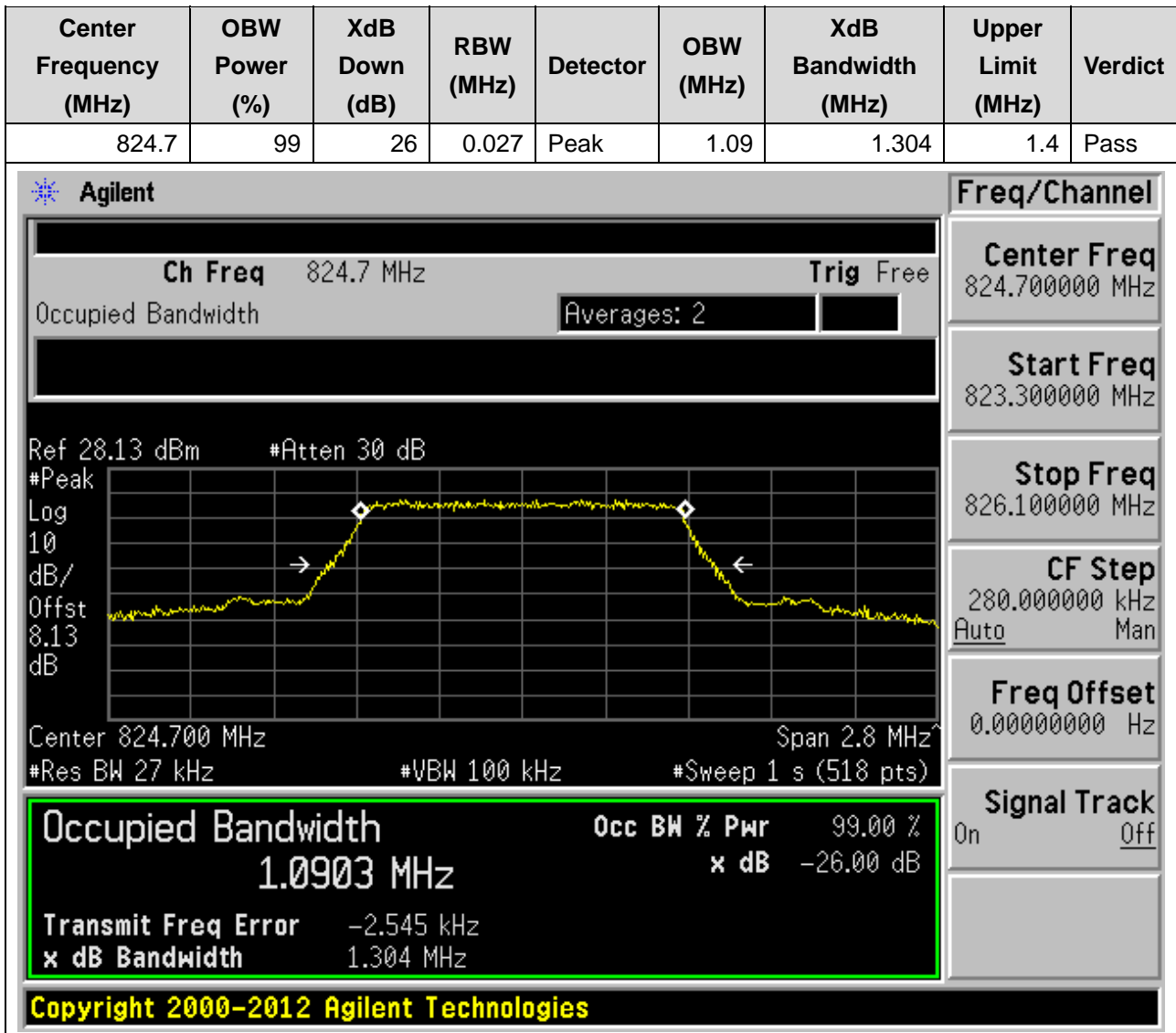


15. LTE_Band26(part22)

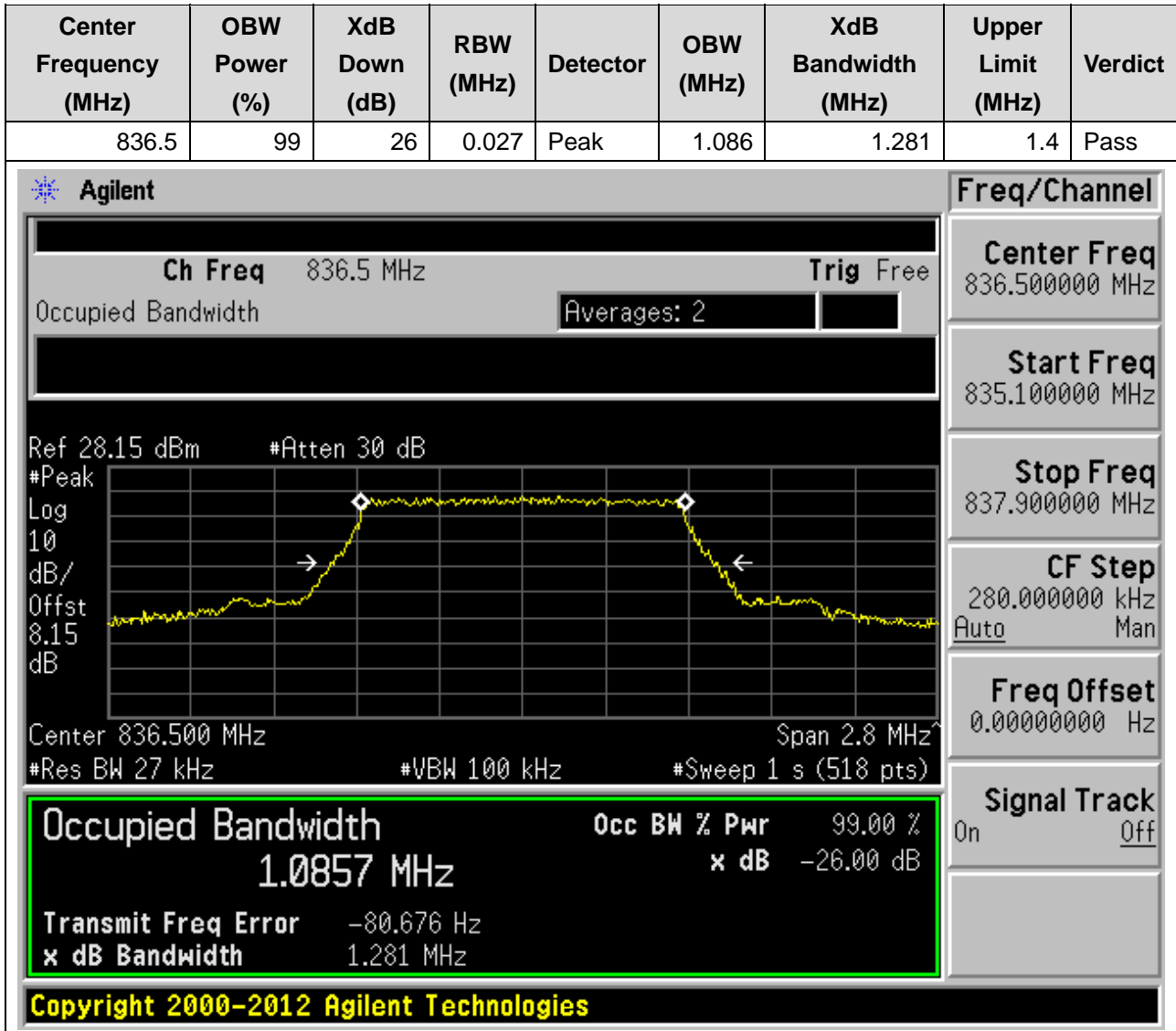
15.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:26797, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



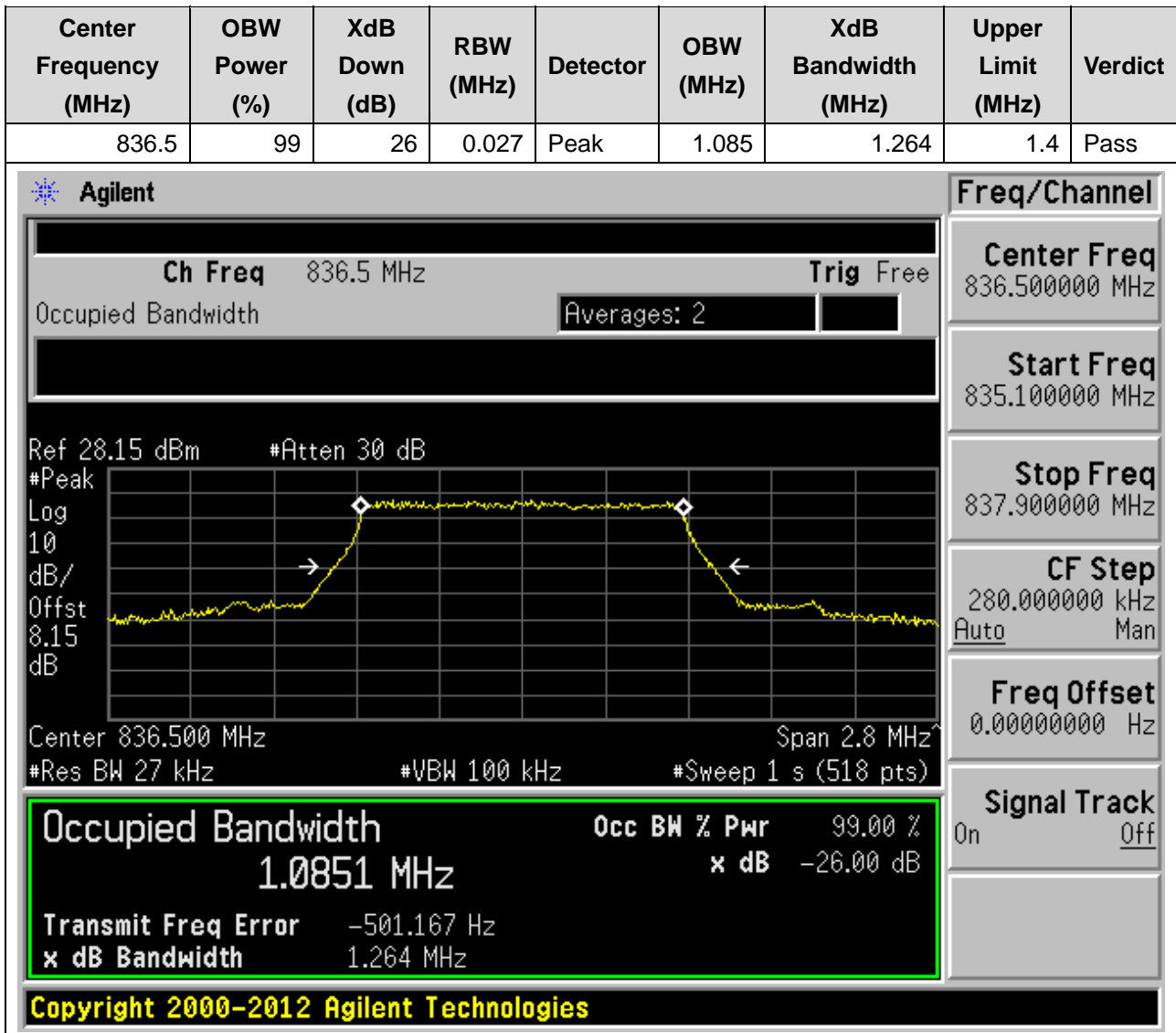
15.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:26797, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



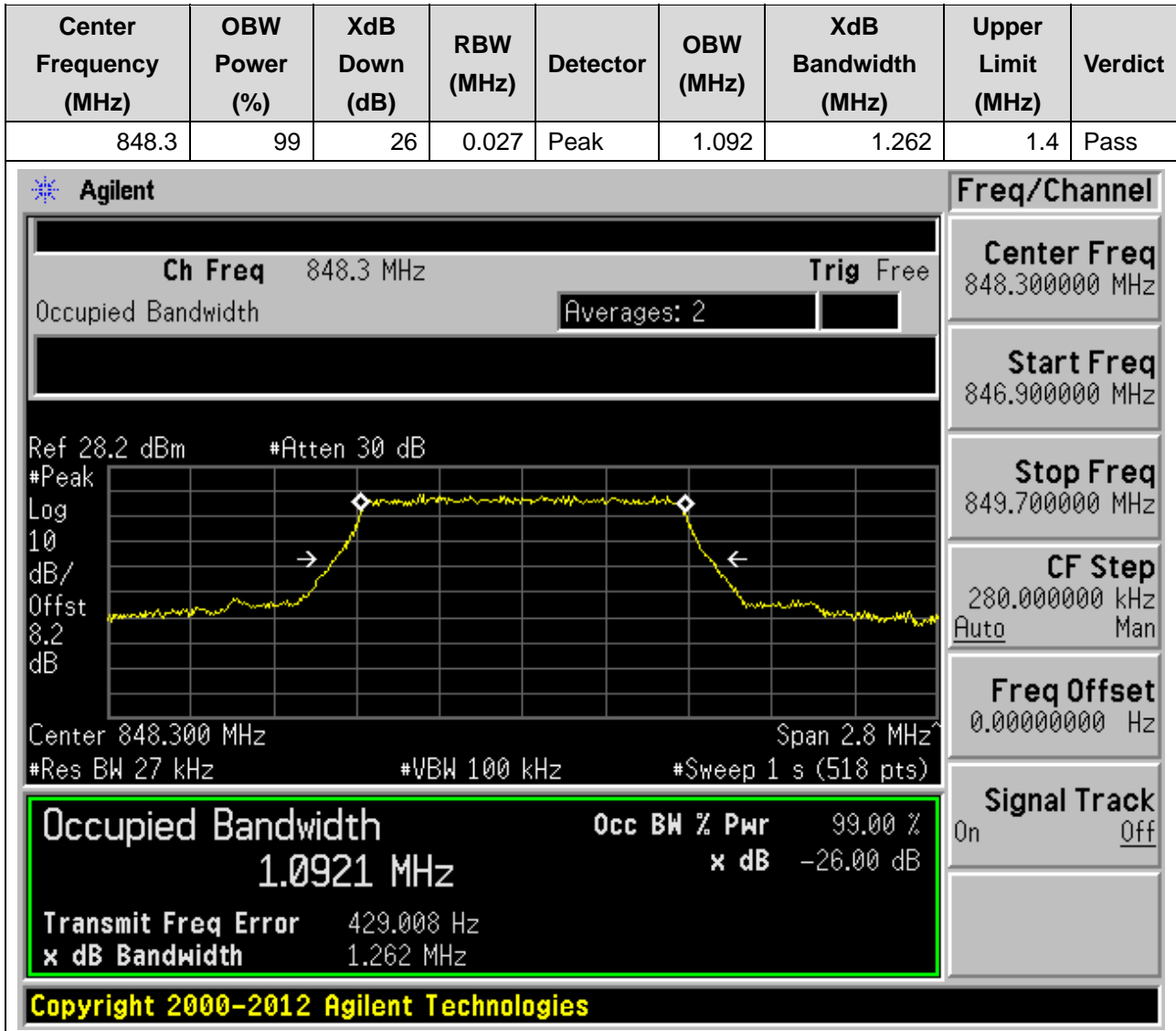
15.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:26915, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



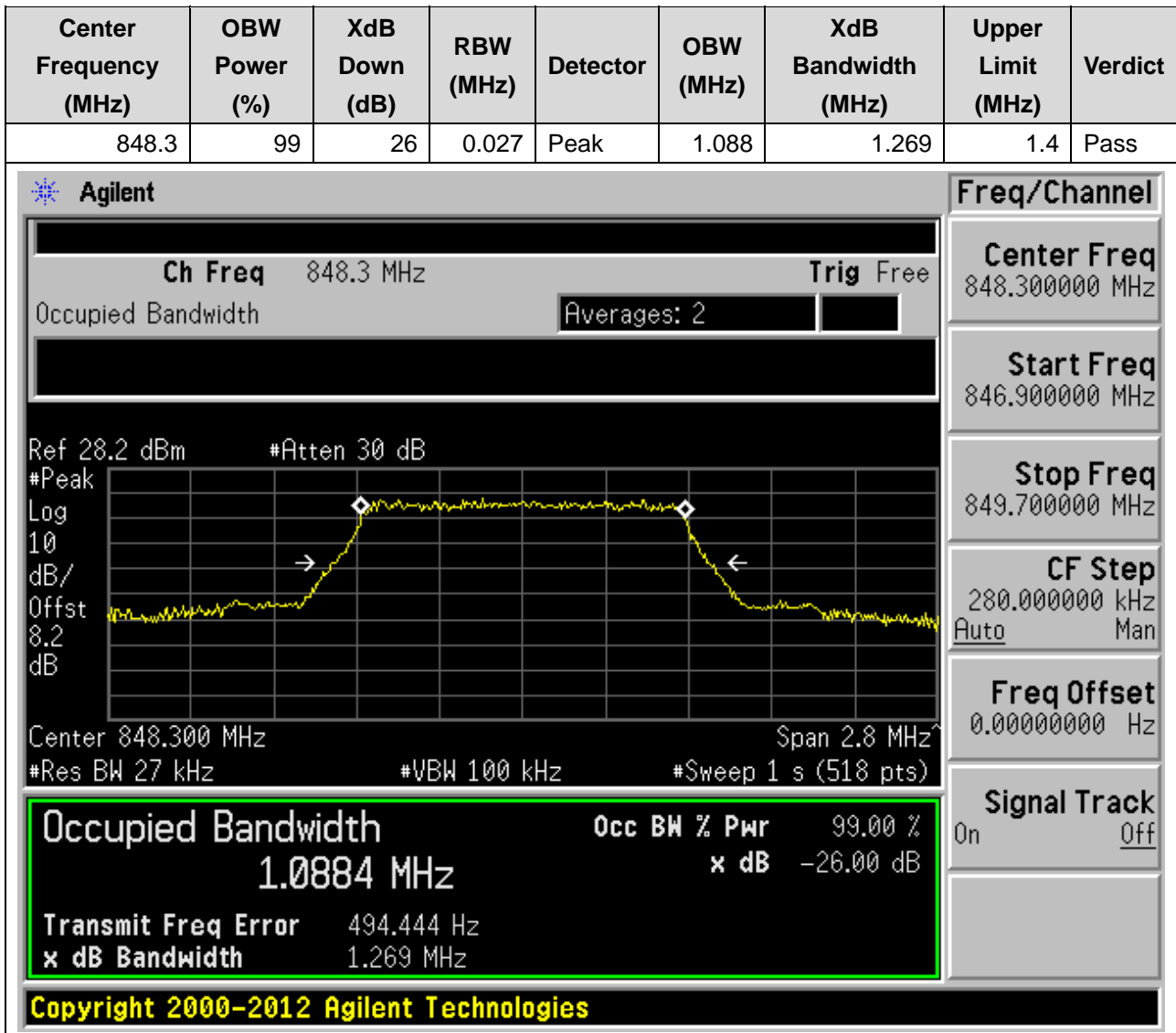
15.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:26915, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



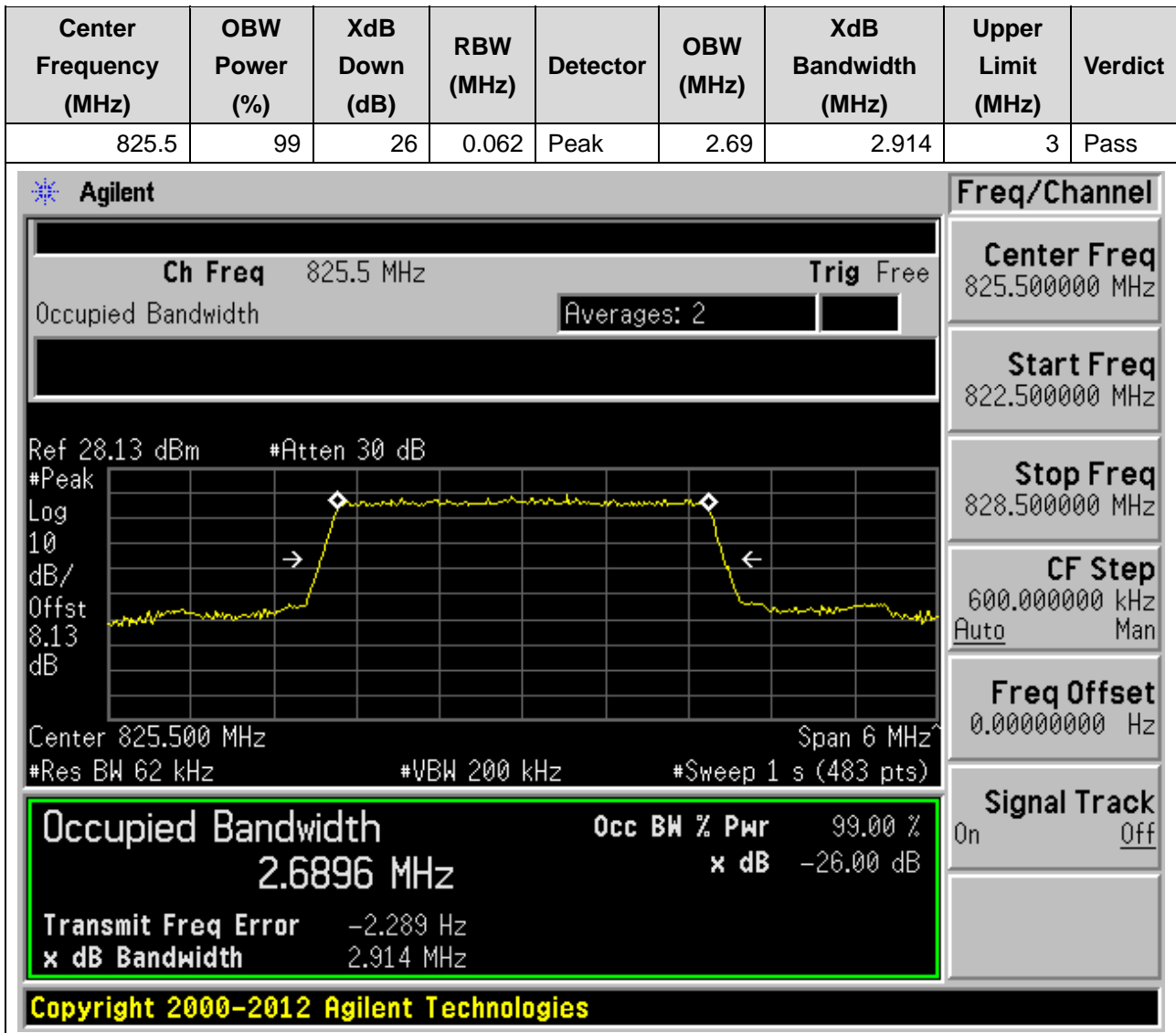
15.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:27033, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



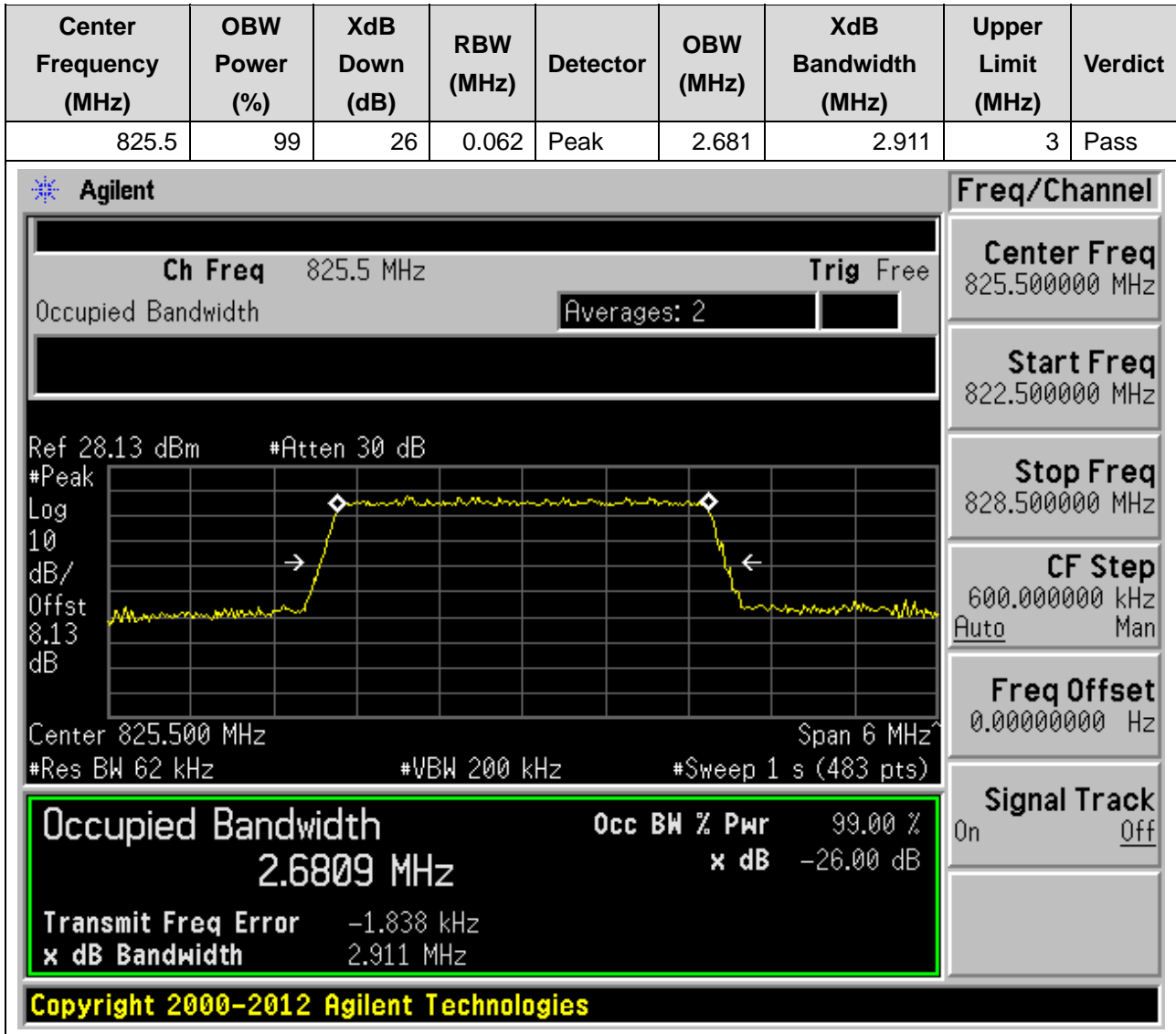
15.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:27033, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



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



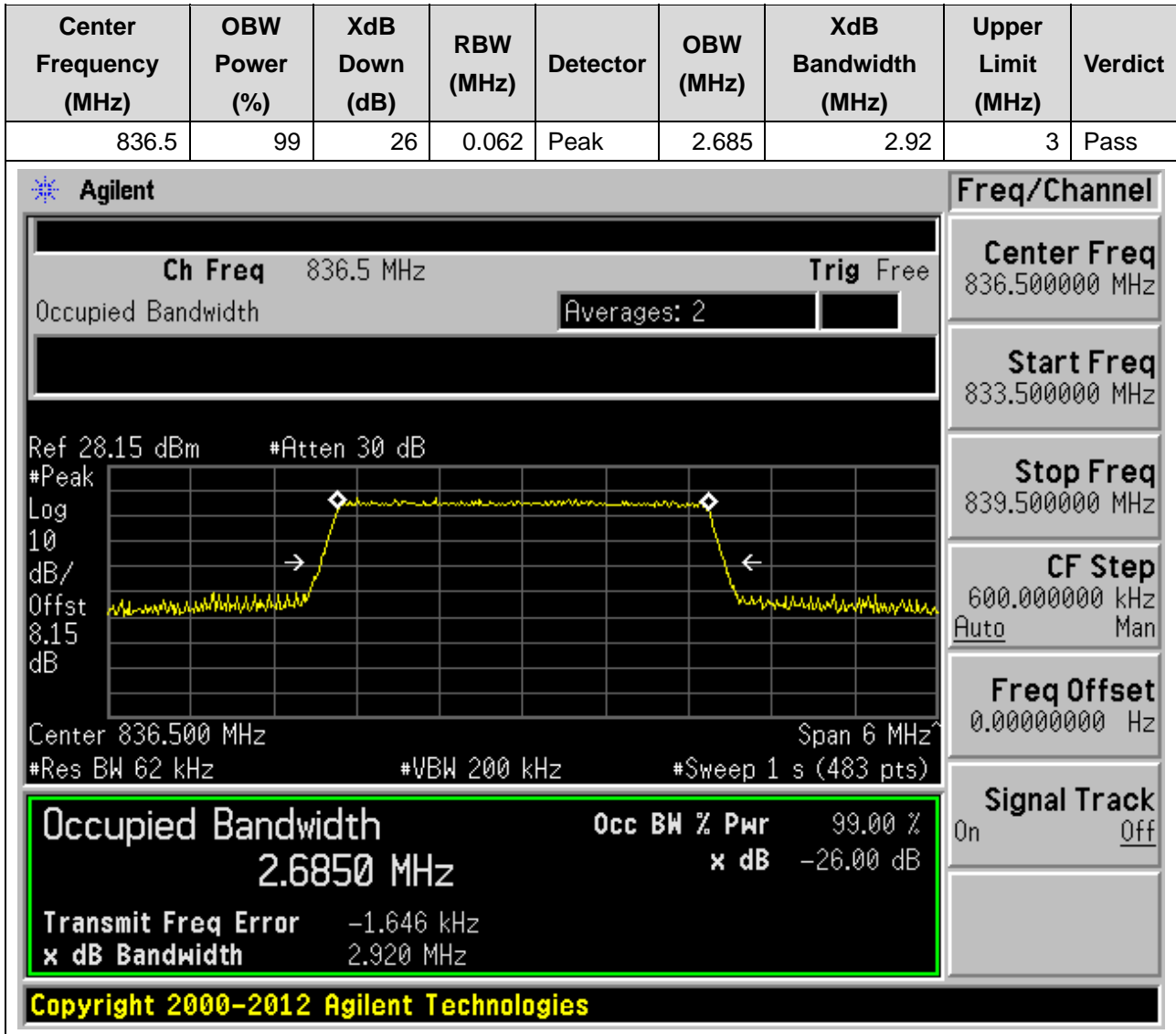
15.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:26805, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.687	2.91	3	Pass

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Freq/Channel
Center Freq
847.500000 MHz
Start Freq
844.500000 MHz
Stop Freq
850.500000 MHz
CF Step
600.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.2 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 %

2.6872 MHz x dB -26.00 dB

Transmit Freq Error -2.719 kHz

x dB Bandwidth 2.910 MHz

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



15.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:26815, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



15.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:26815, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.481	4.886	5	Pass

Agilent

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.14 dBm #Atten 30 dB

Center 826.500 MHz Span 10 MHz

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

Freq/Channel

Center Freq 826.500000 MHz

Start Freq 821.500000 MHz

Stop Freq 831.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4809 MHz

x dB -26.00 dB

Transmit Freq Error -574.081 Hz

x dB Bandwidth 4.886 MHz

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15.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:26915, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



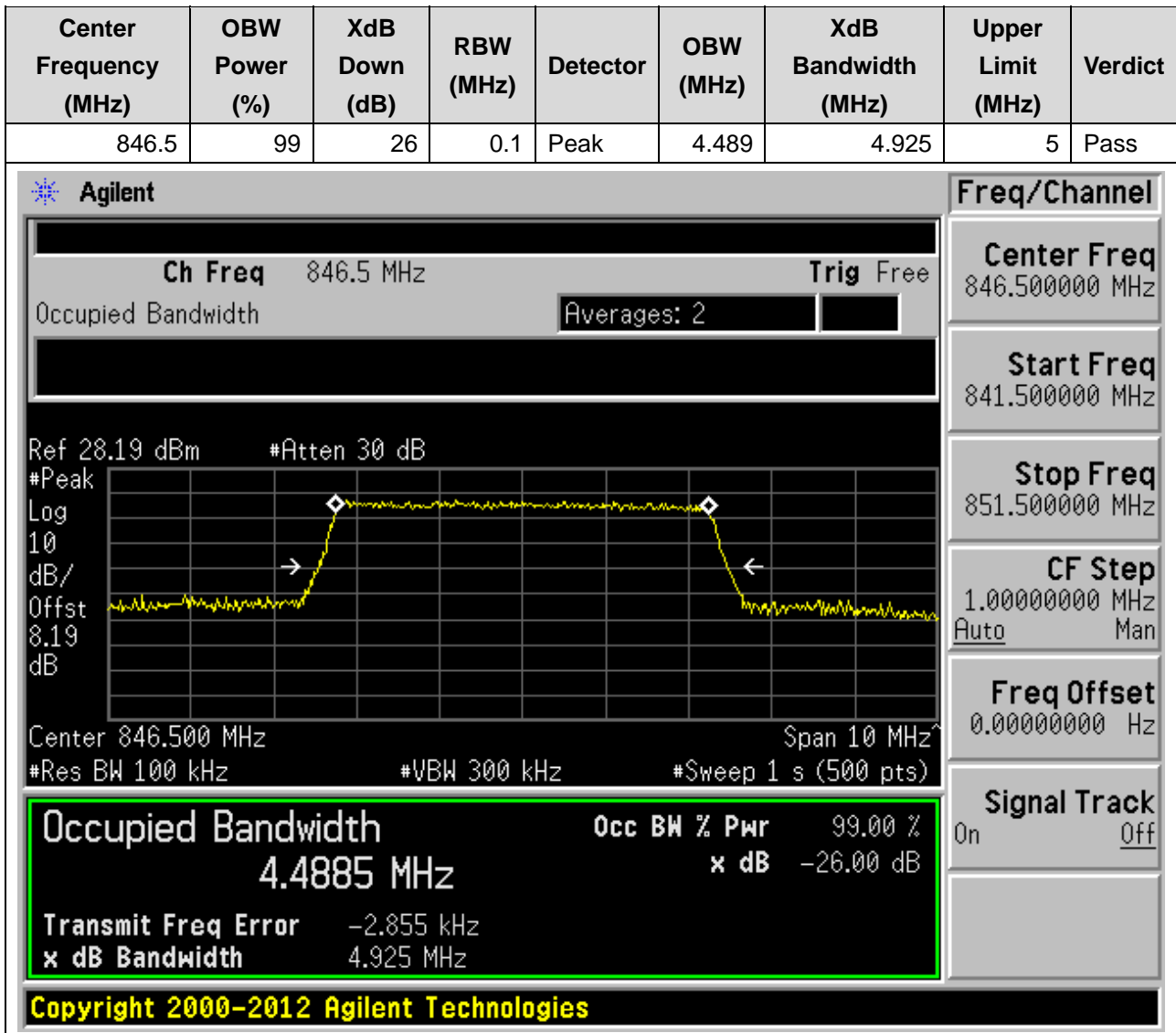
15.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:26915, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



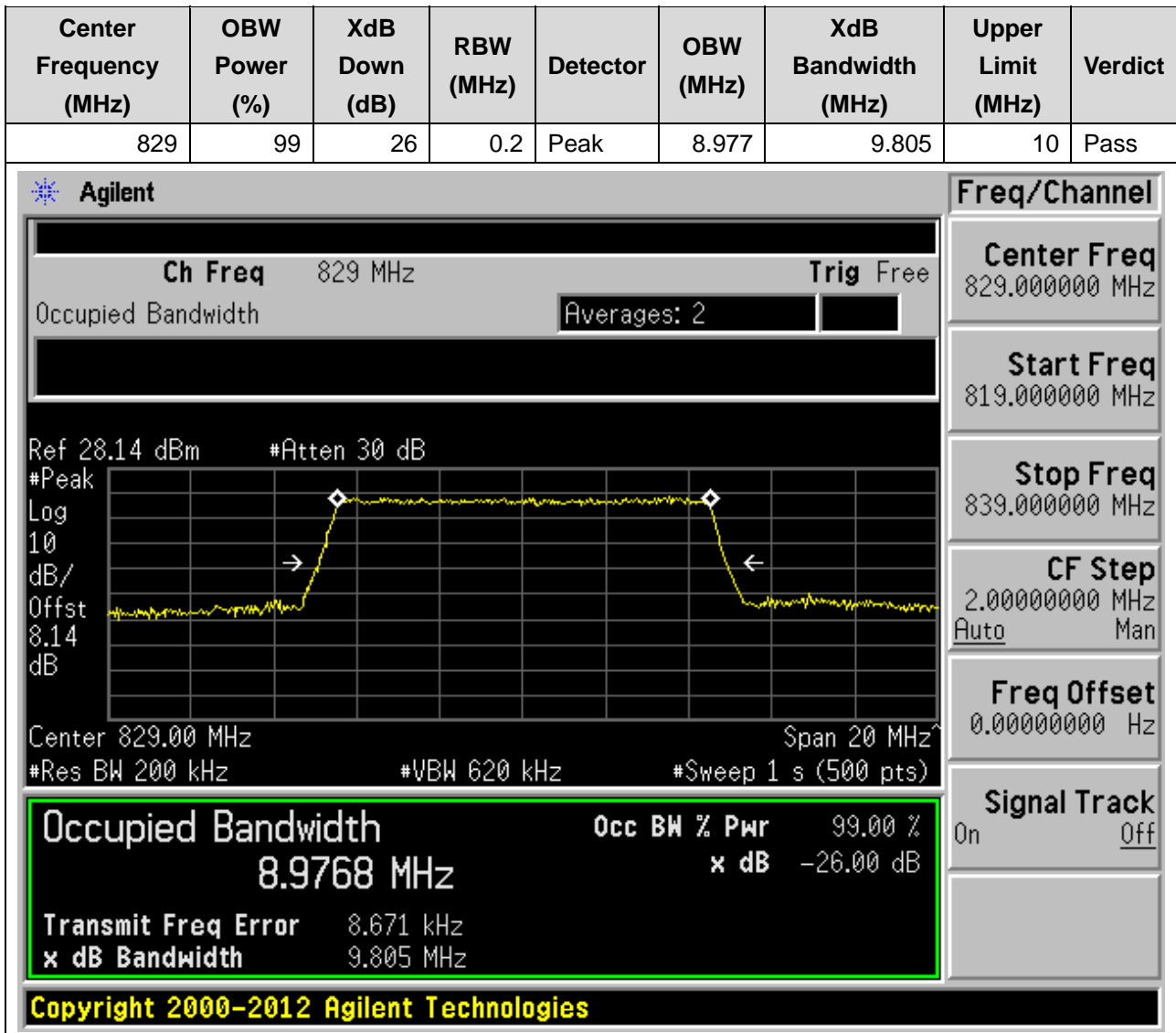
15.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:27015, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



15.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:27015, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



15.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:26840, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



15.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:26840, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



15.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:26915, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



15.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:26915, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



15.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:26990, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.966	9.766	10	Pass

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Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.18 dBm #Atten 30 dB

Center 844.00 MHz Span 20 MHz

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

Freq/Channel

Center Freq 844.000000 MHz

Start Freq 834.000000 MHz

Stop Freq 854.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

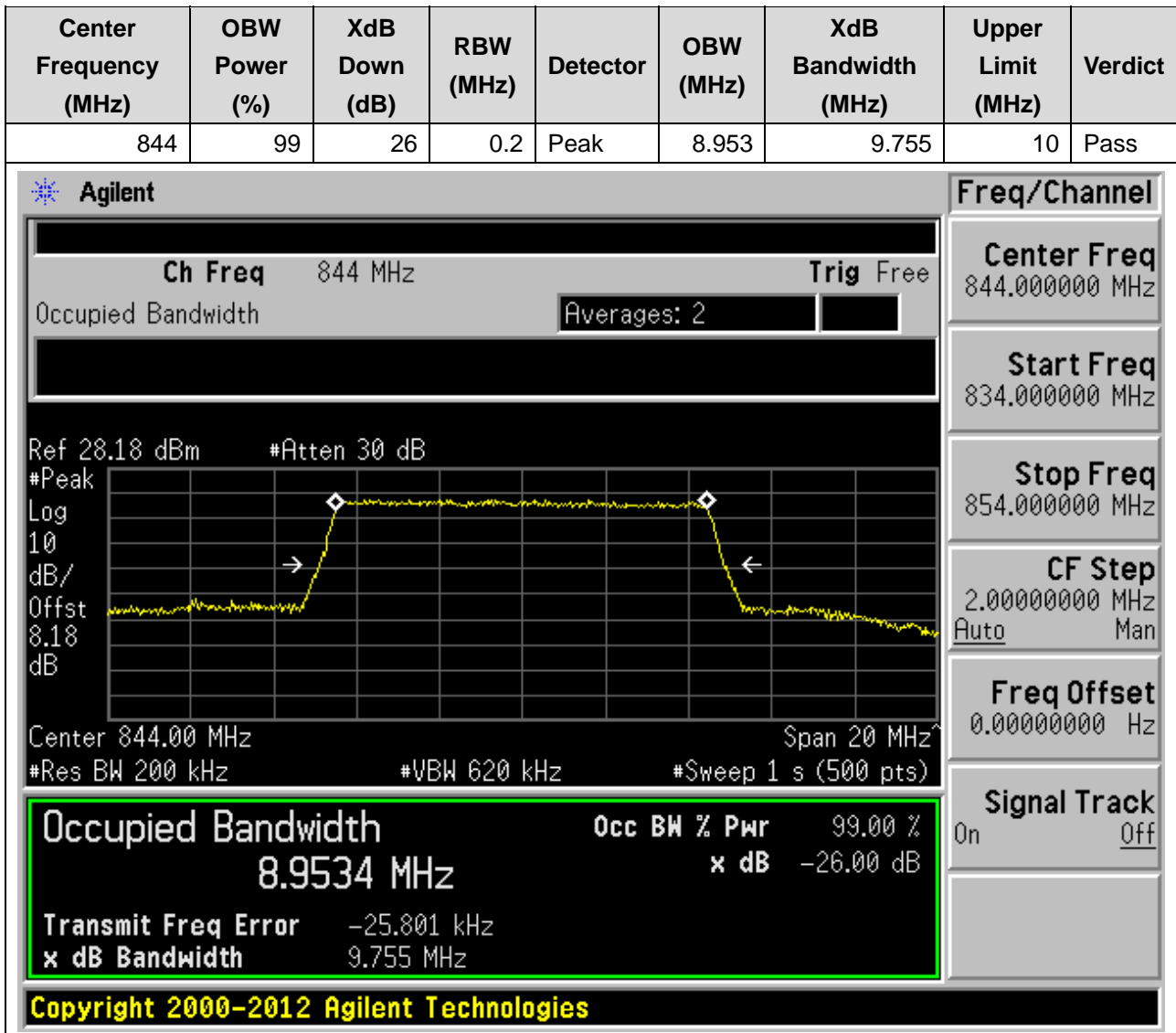
8.9658 MHz x dB -26.00 dB

Transmit Freq Error -24.830 kHz

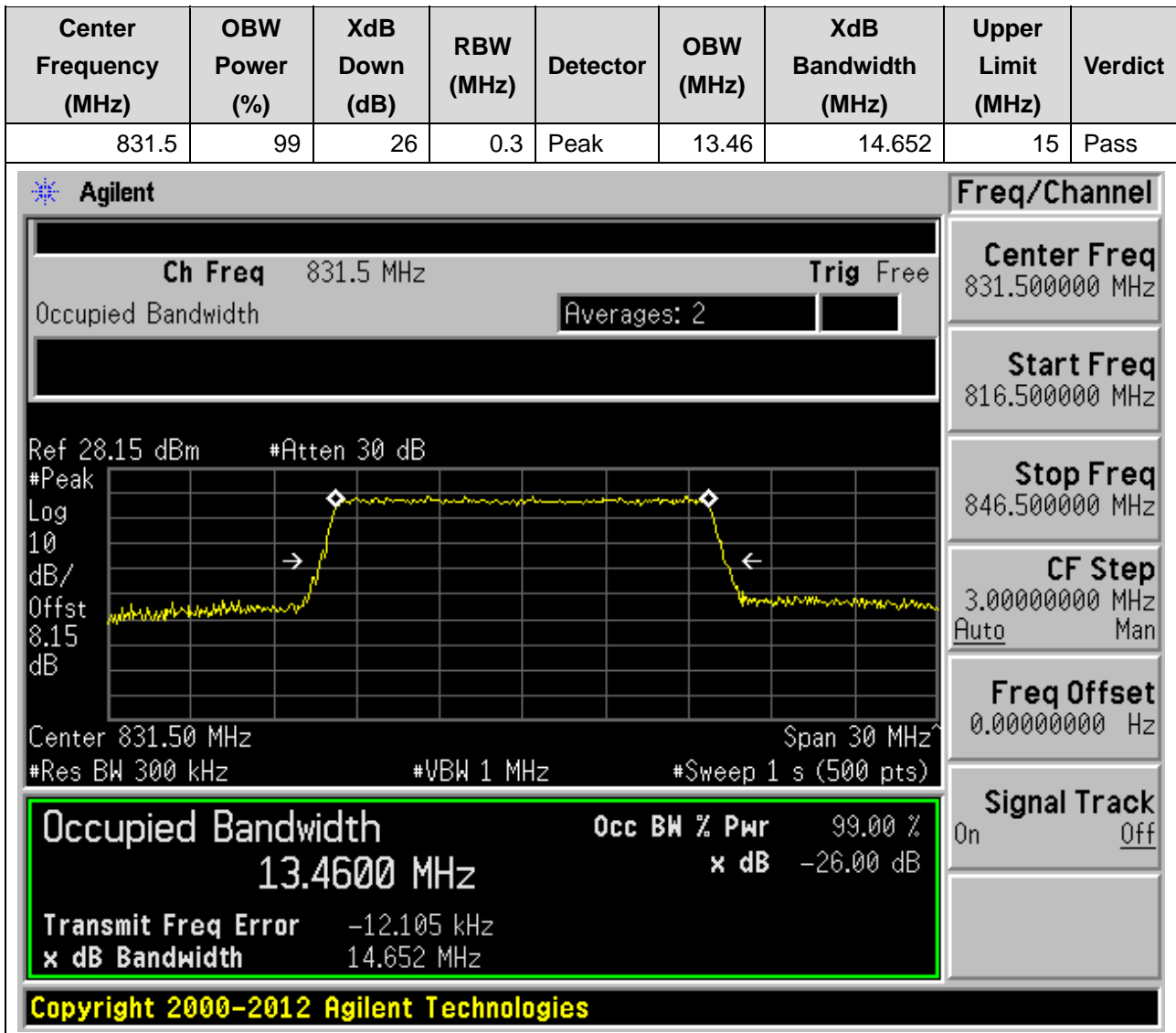
x dB Bandwidth 9.766 MHz

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15.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:26990, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



15.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



15.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.445	14.679	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 831.5 MHz and a span of 30 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak level of 28.76 dBm and a bandwidth of 13.447 MHz. The signal is measured with a resolution bandwidth (RBW) of 300 kHz and a video bandwidth (VBW) of 1 MHz. The signal is measured with a peak detector and a 30 dB attenuation. The signal is measured with a 1 s sweep time and 500 points. The signal is measured with a 10 dB offset. The signal is measured with a 3.00000000 MHz CF step. The signal is measured with a 0.00000000 Hz frequency offset. The signal is measured with a 99.00% occupied bandwidth and a -26.00 dB power level. The signal is measured with a -3.550 kHz transmit frequency error and a 14.679 MHz x dB bandwidth. The signal is measured with a 15 MHz upper limit. The signal is measured with a 13.445 MHz OBW and a 14.679 MHz XdB bandwidth. The signal is measured with a 99% OBW power and a 26 dB XdB down. The signal is measured with a 0.3 MHz RBW and a Peak detector. The signal is measured with a 831.5 MHz center frequency. The signal is measured with a 15 MHz upper limit. The signal is measured with a Pass verdict.

Occupied Bandwidth 13.4447 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.550 kHz

x dB Bandwidth 14.679 MHz

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15.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.3	Peak	13.41	14.592	15	Pass

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Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.15 dBm #Atten 30 dB

Center 836.50 MHz Span 30 MHz

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

Freq/Channel

Center Freq 836.500000 MHz

Start Freq 821.500000 MHz

Stop Freq 851.500000 MHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4103 MHz x dB -26.00 dB

Transmit Freq Error -8.717 kHz

x dB Bandwidth 14.592 MHz

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15.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.3	Peak	13.432	14.643	15	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.15 dBm #Atten 30 dB

Center 836.50 MHz Span 30 MHz

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

Freq/Channel

Center Freq 836.500000 MHz

Start Freq 821.500000 MHz

Stop Freq 851.500000 MHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

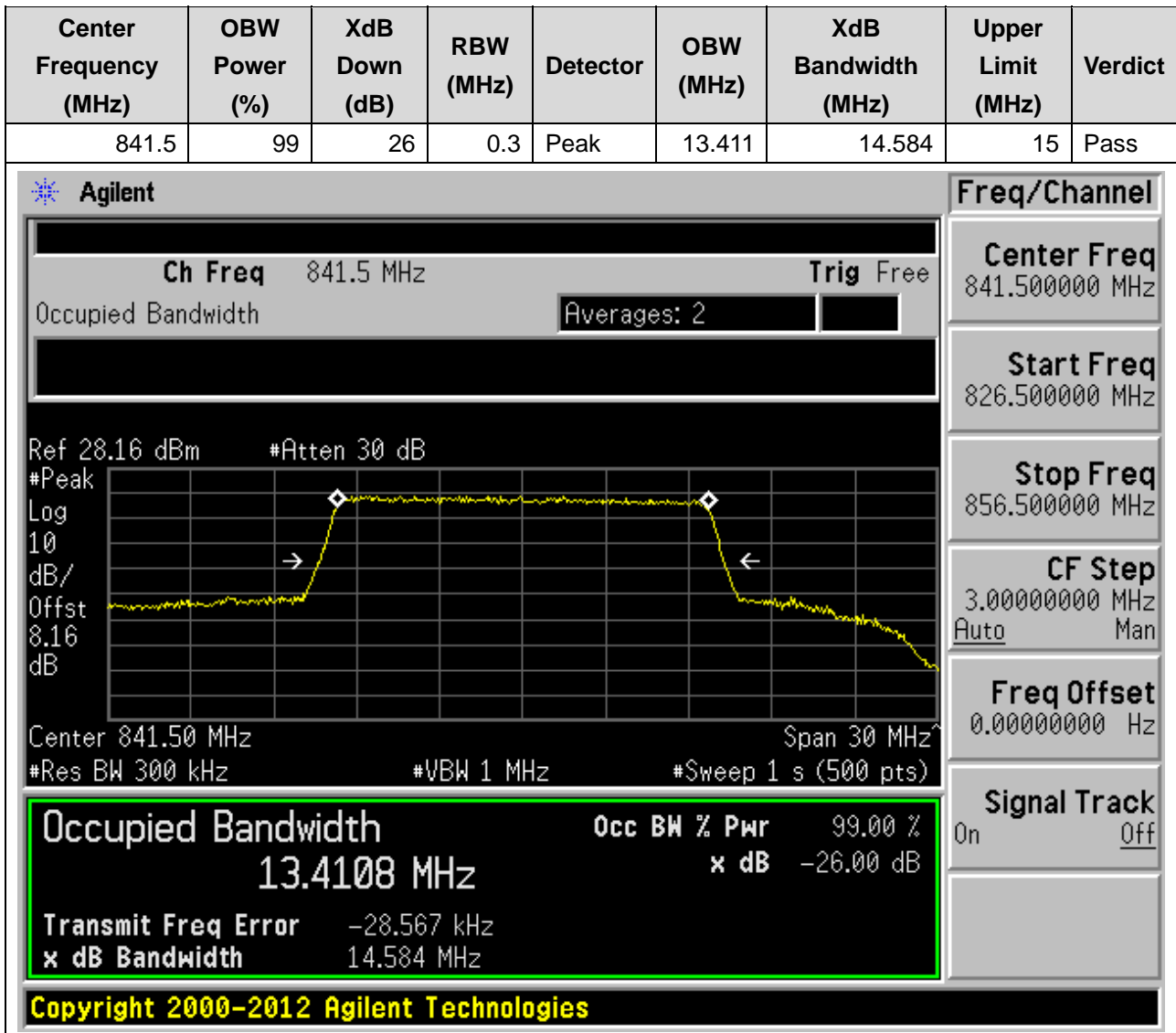
13.4324 MHz x dB -26.00 dB

Transmit Freq Error -3.997 kHz

x dB Bandwidth 14.643 MHz

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15.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



15.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.3	Peak	13.439	14.551	15	Pass

Agilent

Ch Freq 841.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.16 dBm #Atten 30 dB

Center 841.50 MHz Span 30 MHz

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

Freq/Channel

Center Freq 841.500000 MHz

Start Freq 826.500000 MHz

Stop Freq 856.500000 MHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4392 MHz x dB -26.00 dB

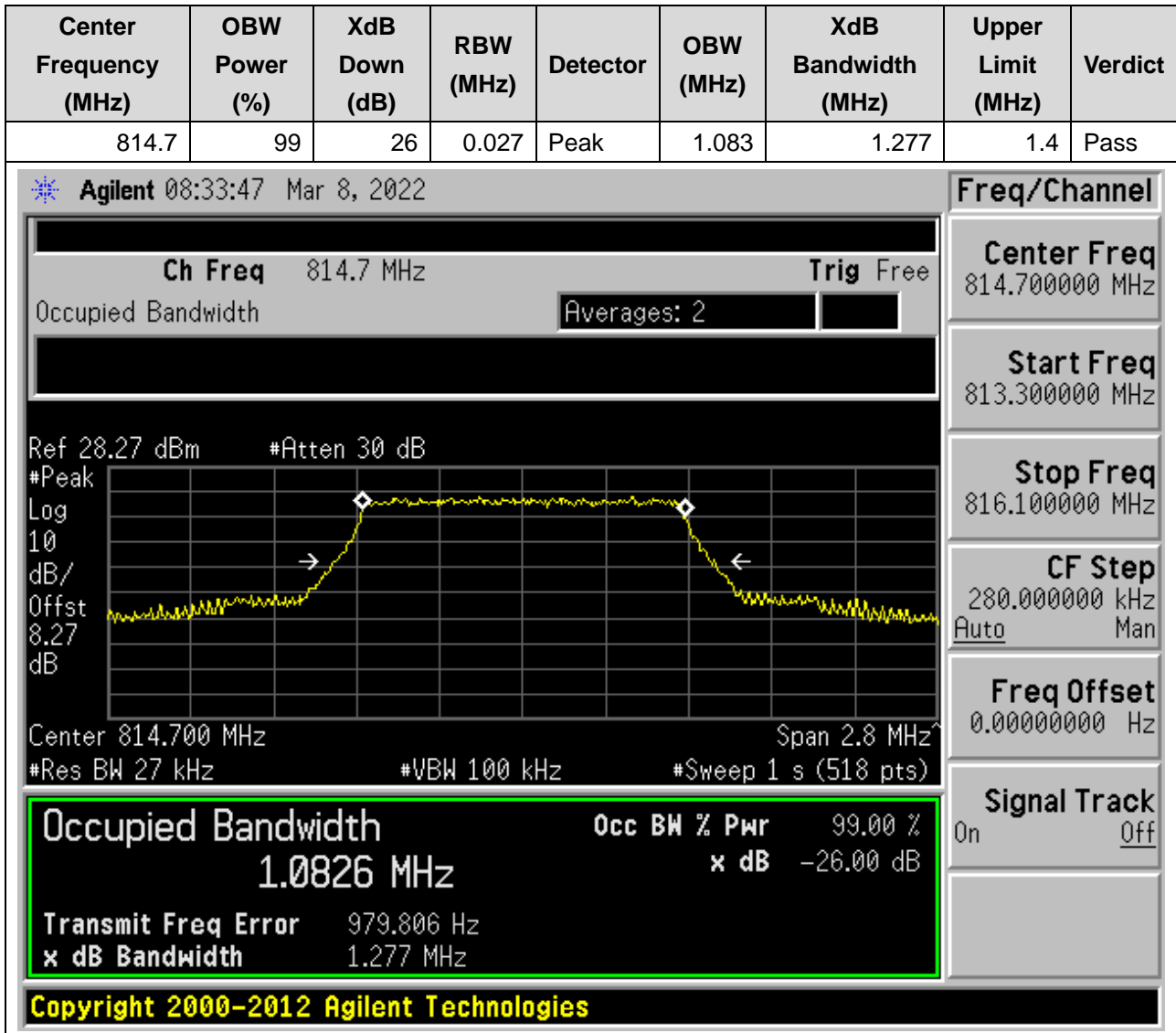
Transmit Freq Error -22.079 kHz

x dB Bandwidth 14.551 MHz

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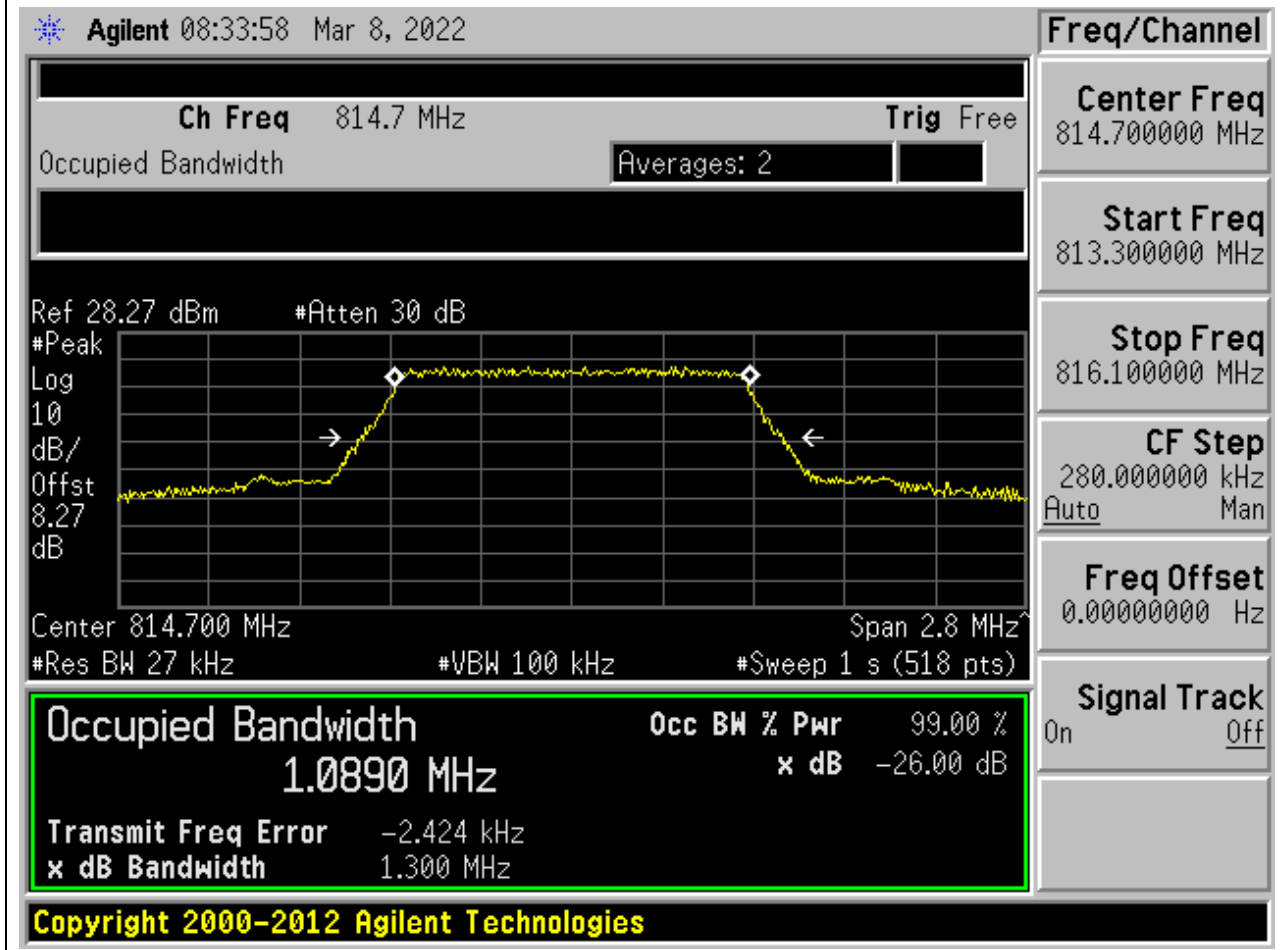
16. LTE_Band26(part90)

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

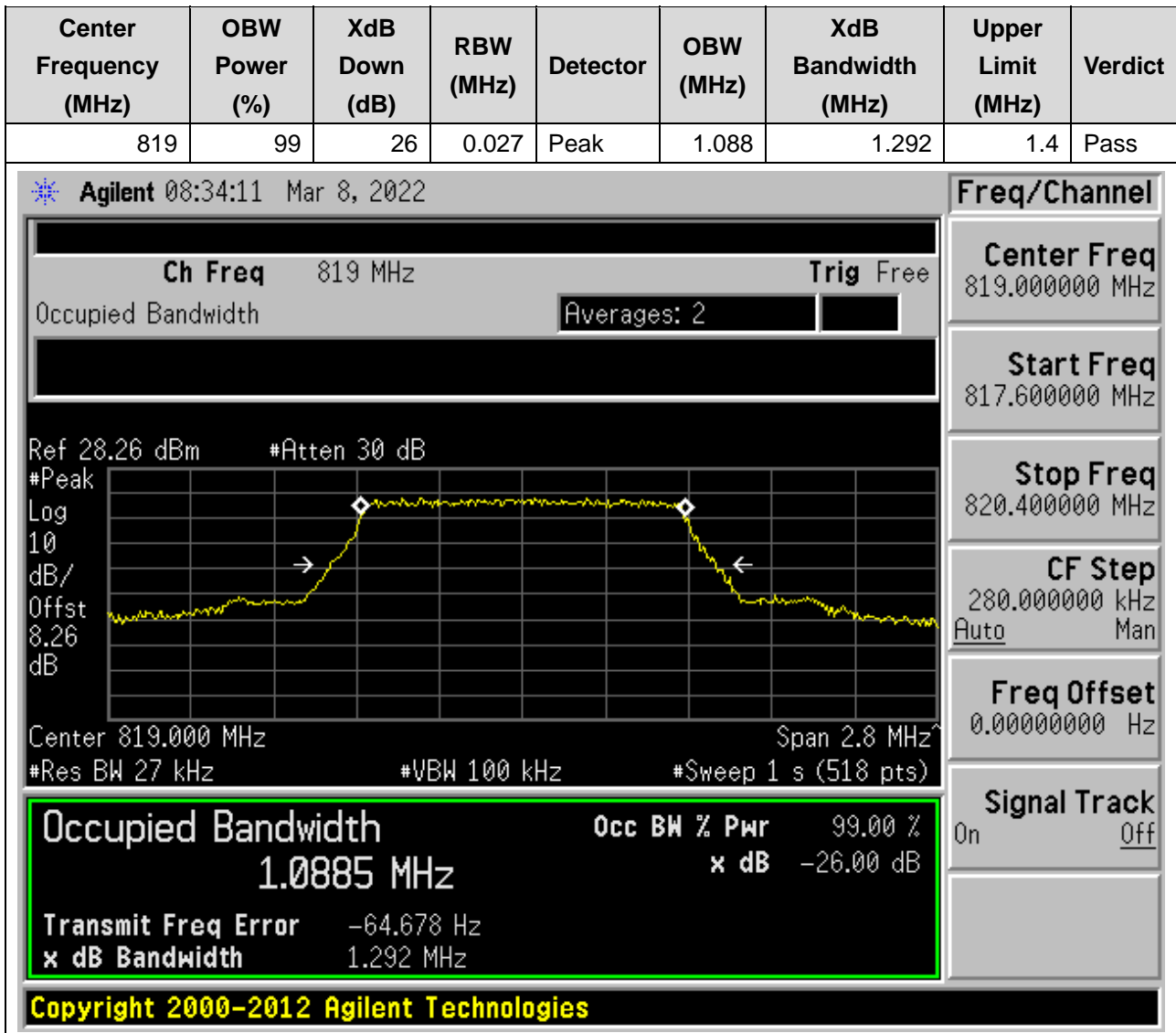


16.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:26697, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

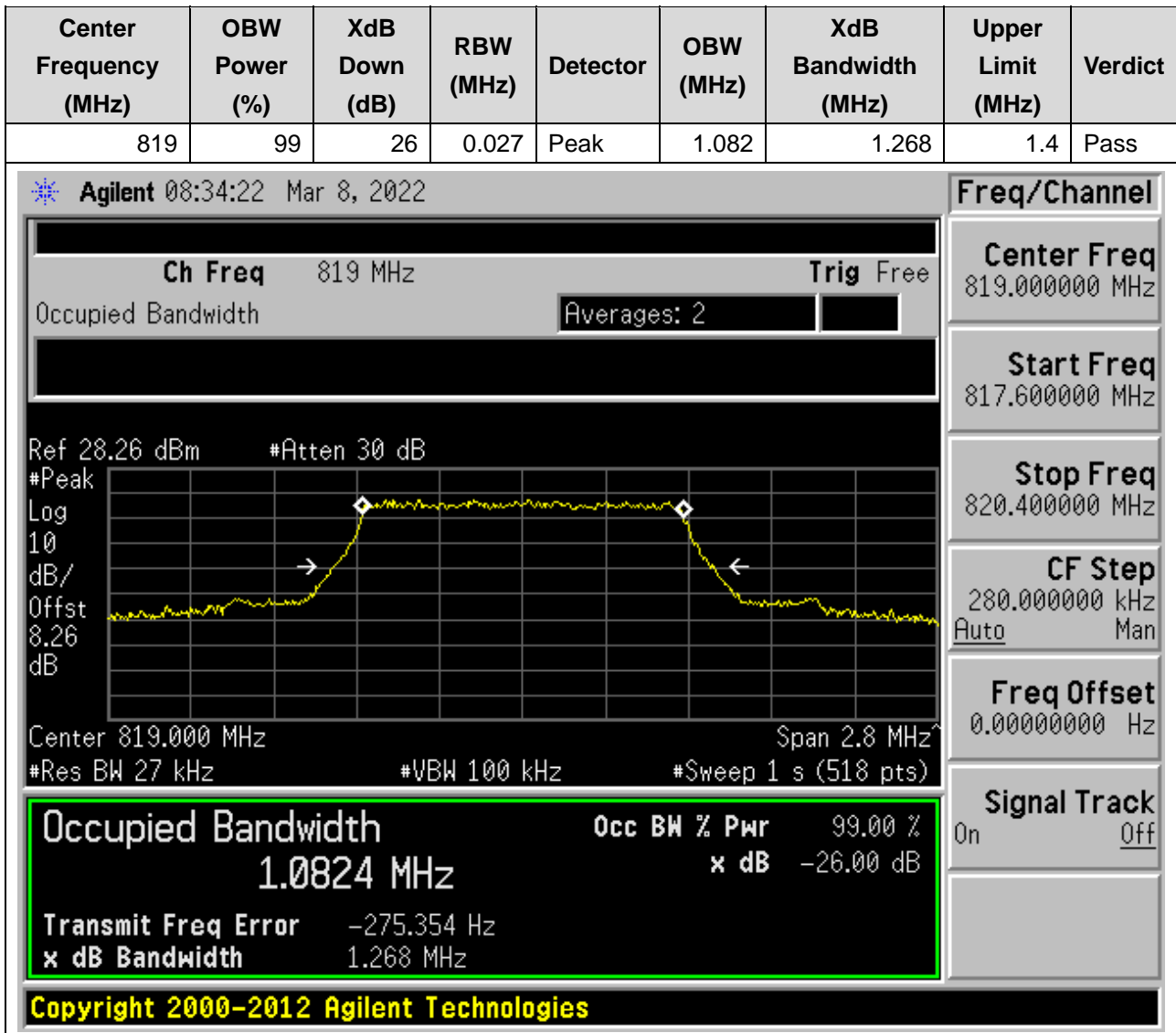
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
814.7	99	26	0.027	Peak	1.089	1.3	1.4	Pass



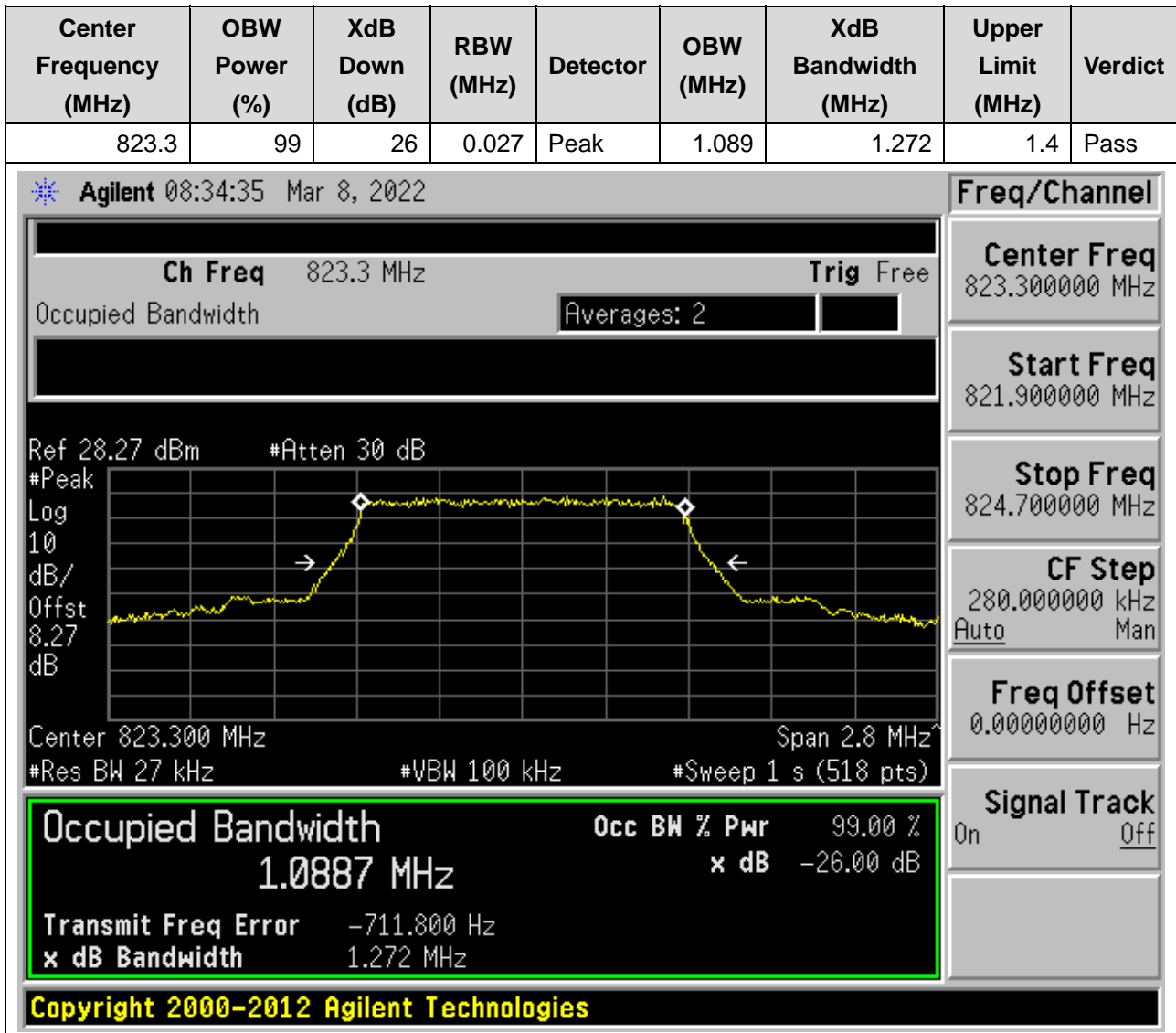
16.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:26740, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



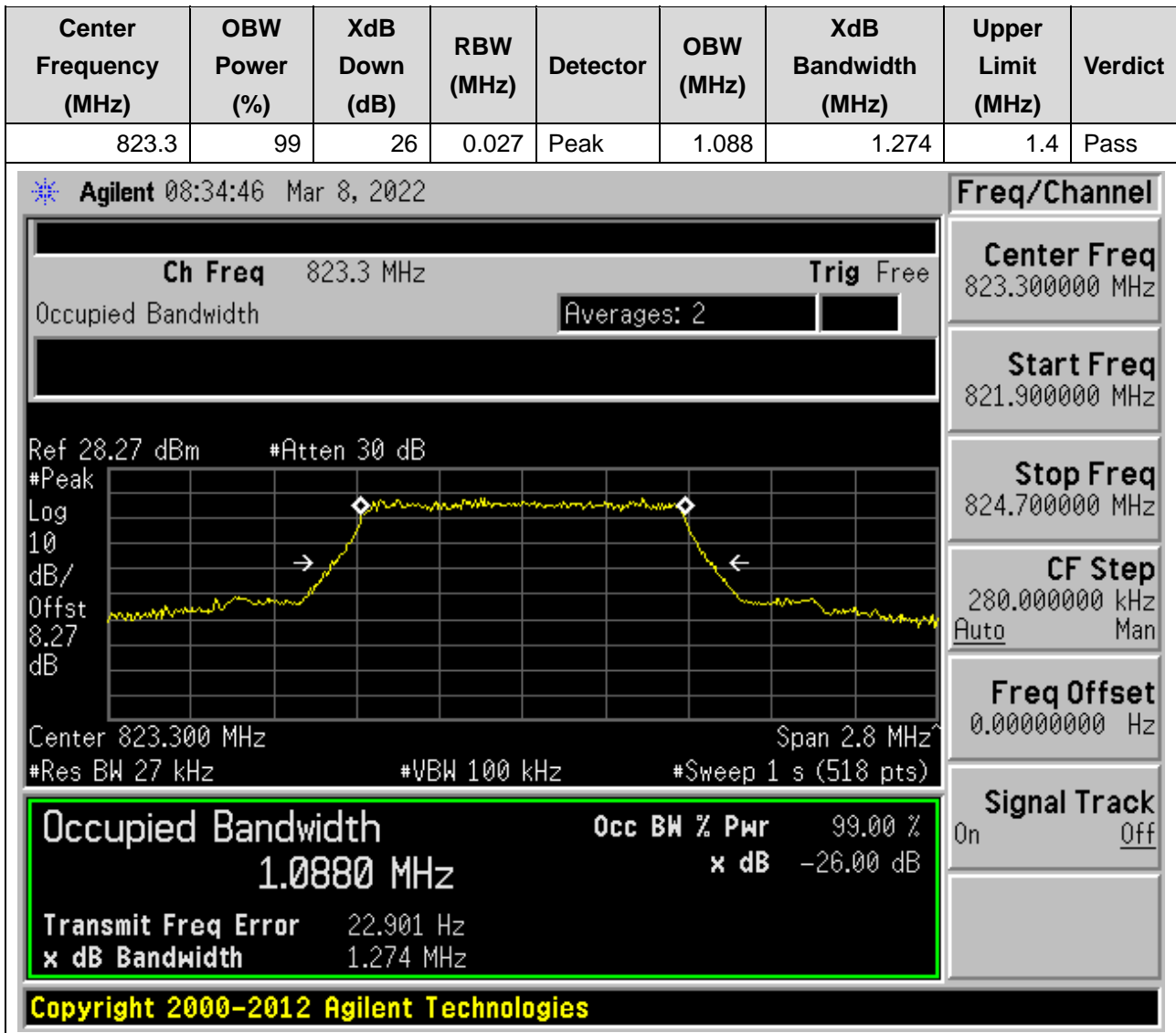
16.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:26740, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



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



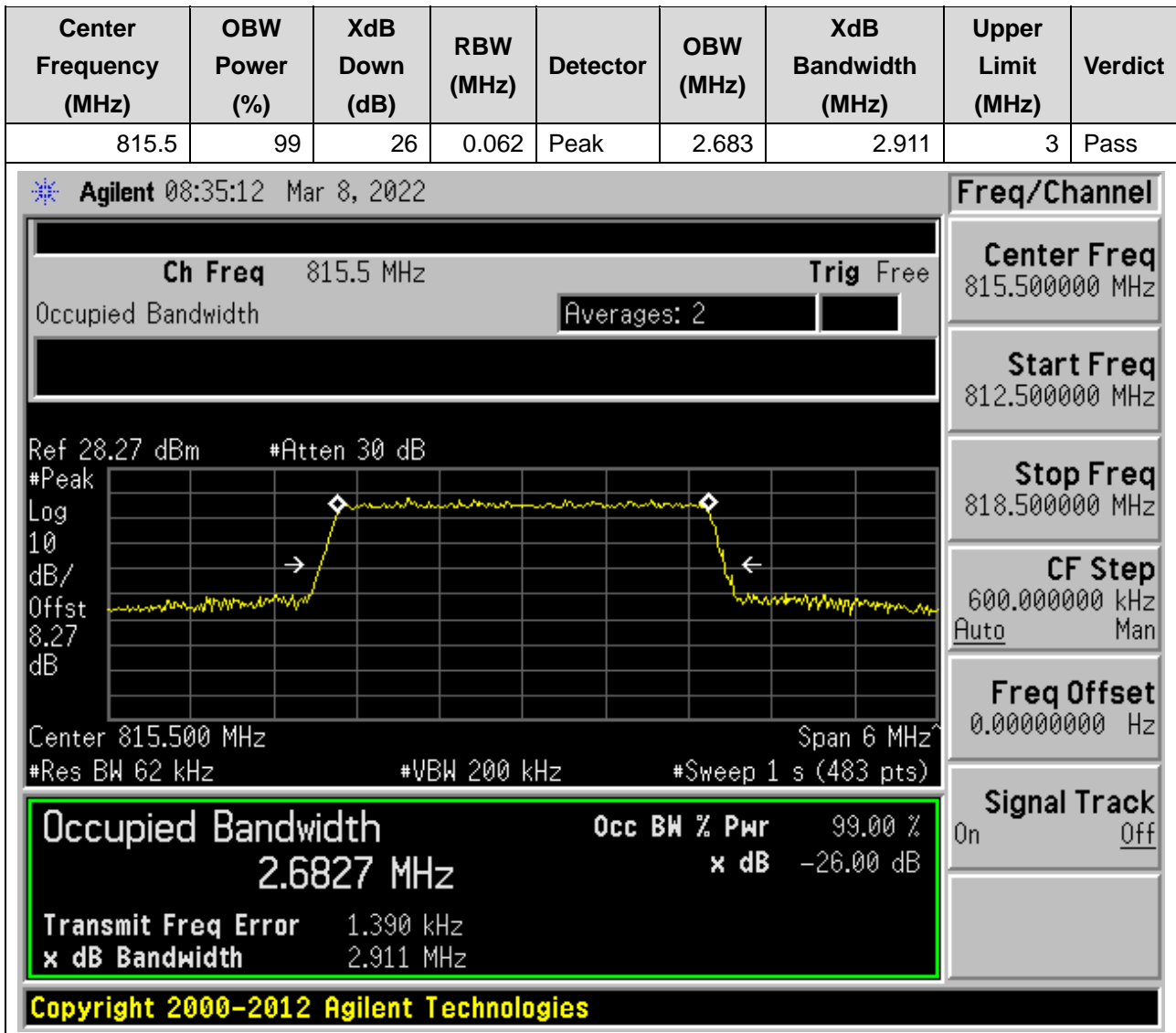
16.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:26783, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



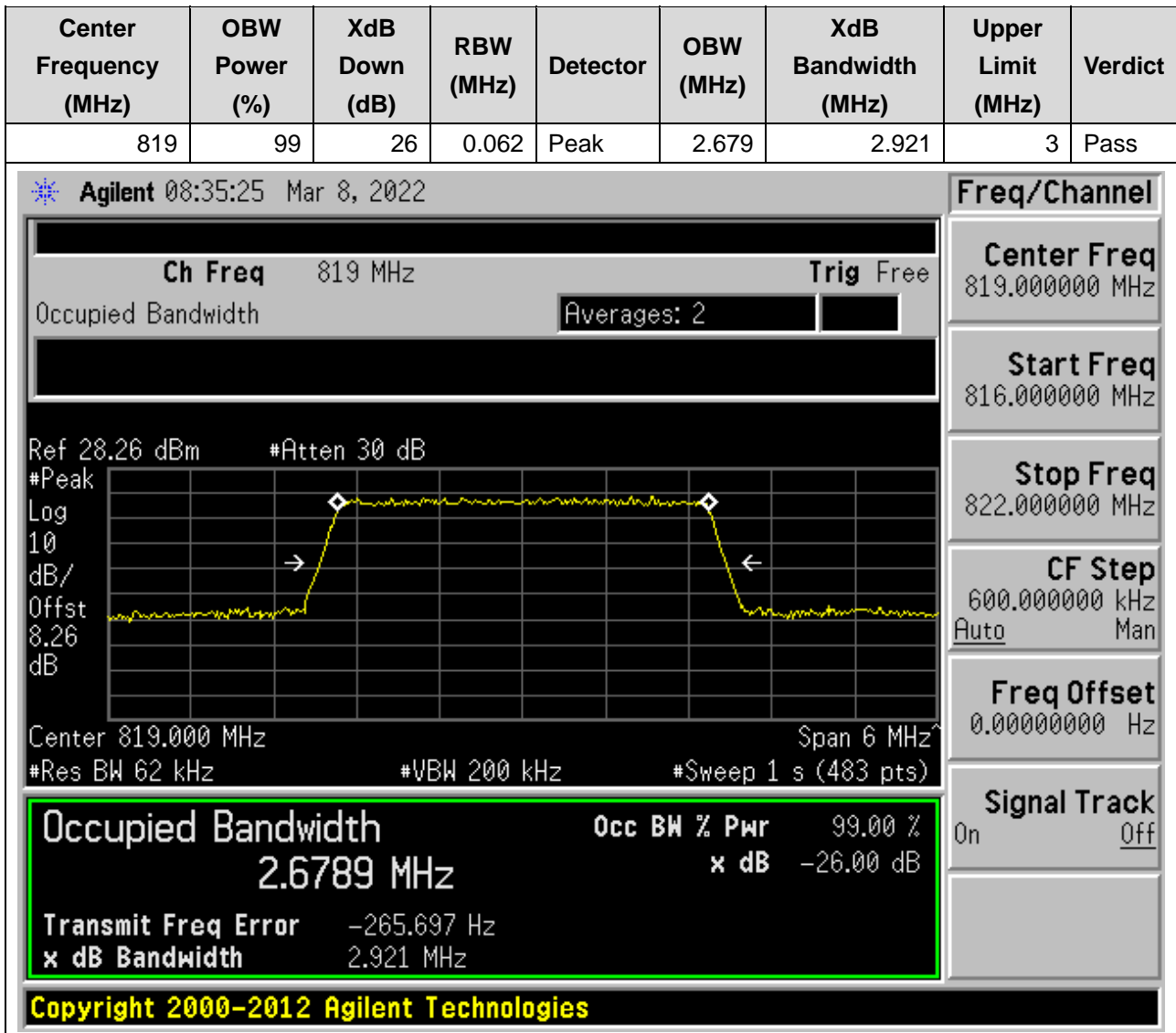
16.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:26705, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



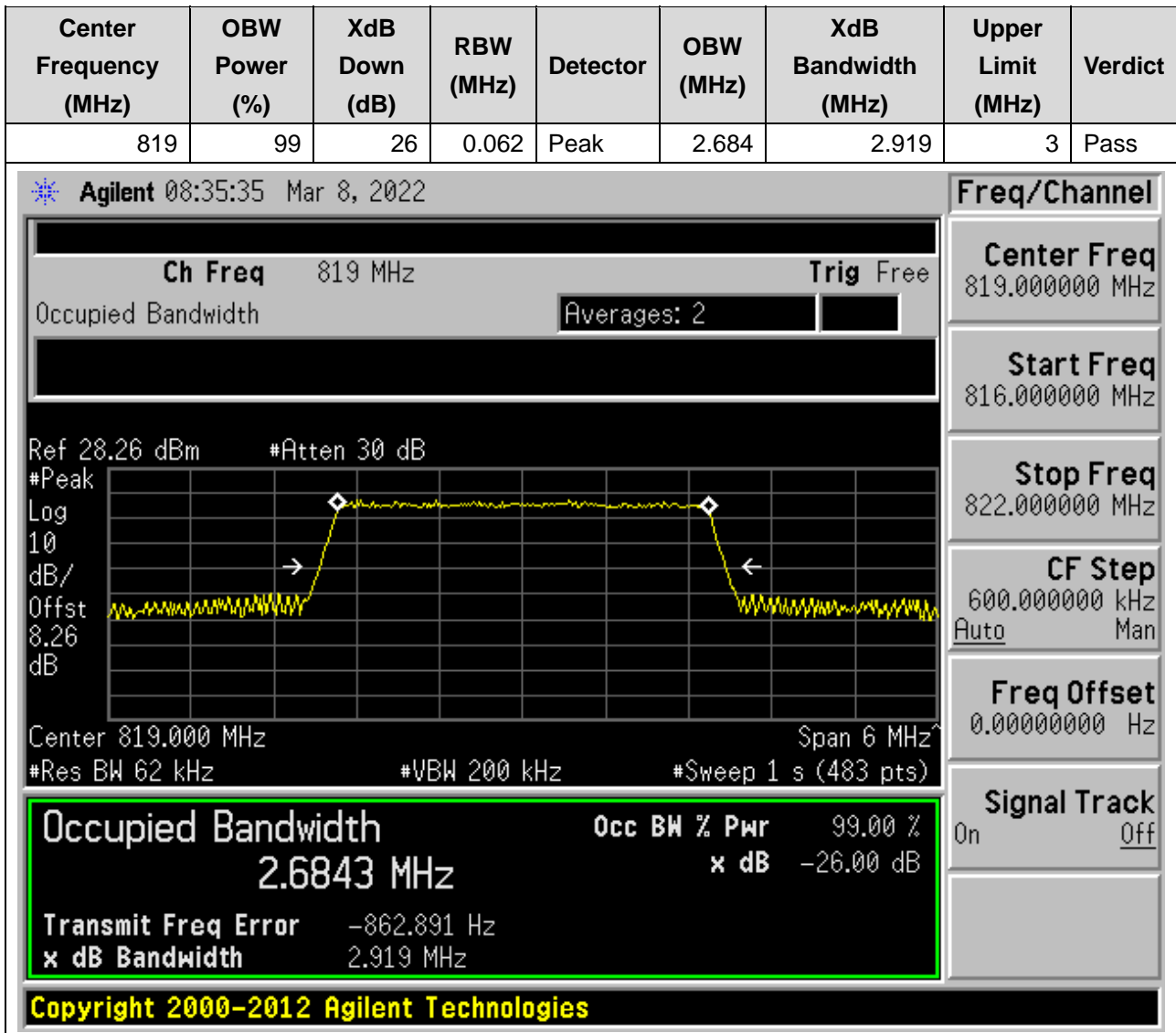
16.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:26705, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
822.5	99	26	0.062	Peak	2.688	2.913	3	Pass

Agilent 08:35:49 Mar 8, 2022

Ch Freq 822.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.26 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.27 dB

Center 822.500 MHz Span 6 MHz
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6875 MHz	x dB	-26.00 dB
Transmit Freq Error	1.654 kHz	
x dB Bandwidth	2.913 MHz	

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Freq/Channel

Center Freq
822.500000 MHz

Start Freq
819.500000 MHz

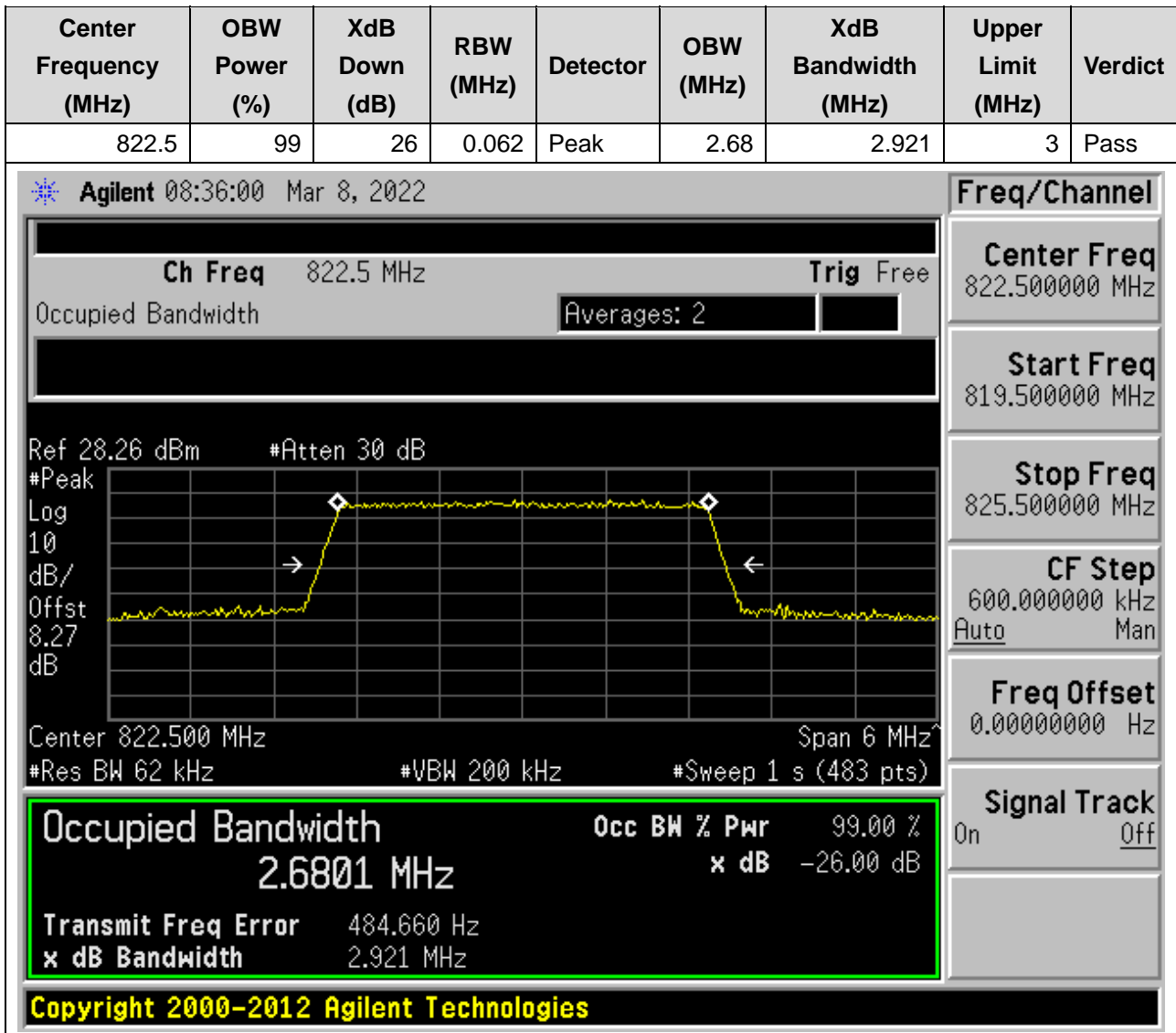
Stop Freq
825.500000 MHz

CF Step
600.000000 kHz
Auto Man

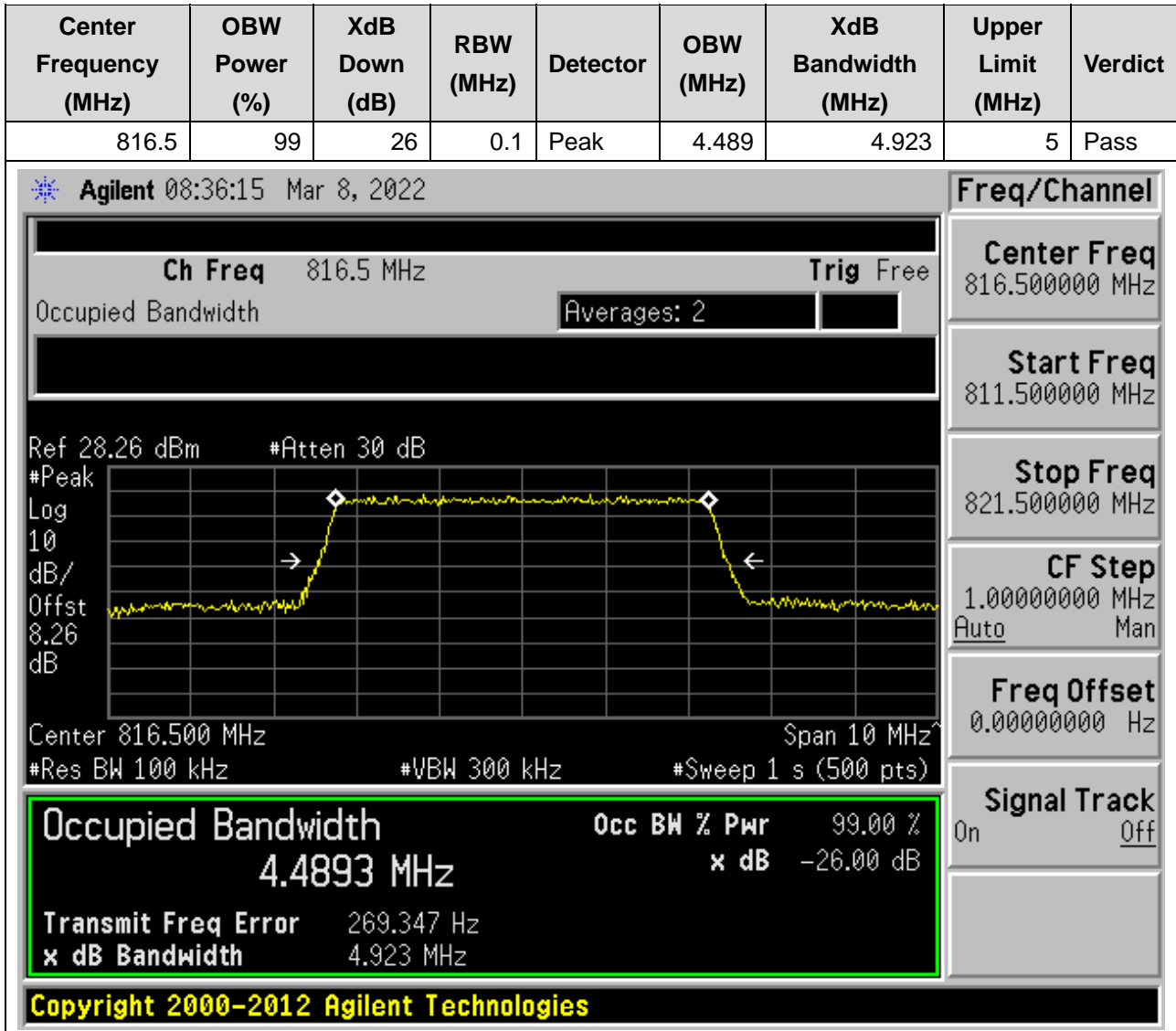
Freq Offset
0.00000000 Hz

Signal Track
On Off

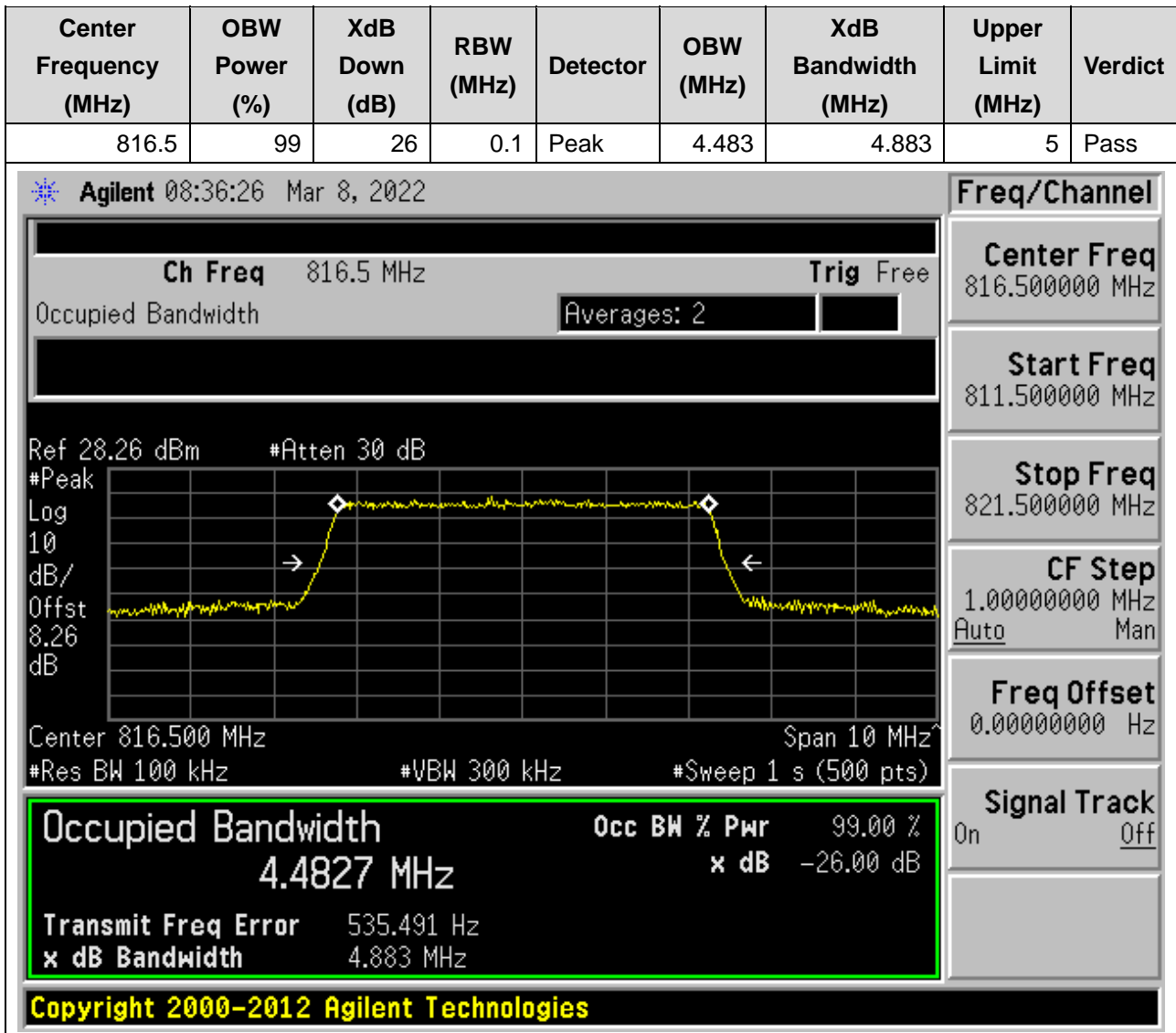
16.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:26775, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



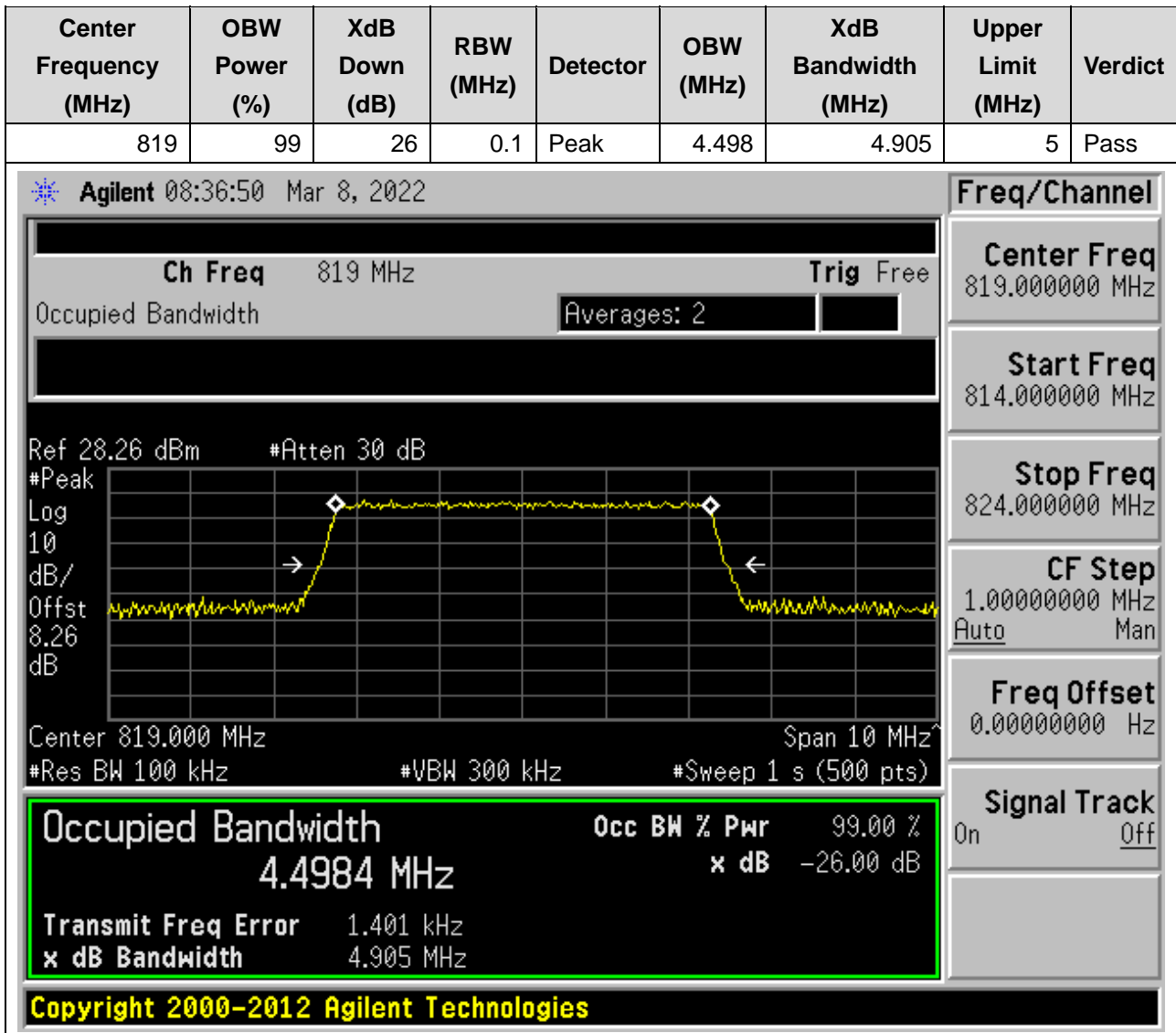
16.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:26715, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



16.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:26715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



16.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:26740, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



16.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:26765, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.481	4.885	5	Pass

Agilent 08:37:03 Mar 8, 2022

Ch Freq 821.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.26 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.26 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4806 MHz	x dB	-26.00 dB
Transmit Freq Error	846.035 Hz	
x dB Bandwidth	4.885 MHz	

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Freq/Channel

Center Freq
821.500000 MHz

Start Freq
816.500000 MHz

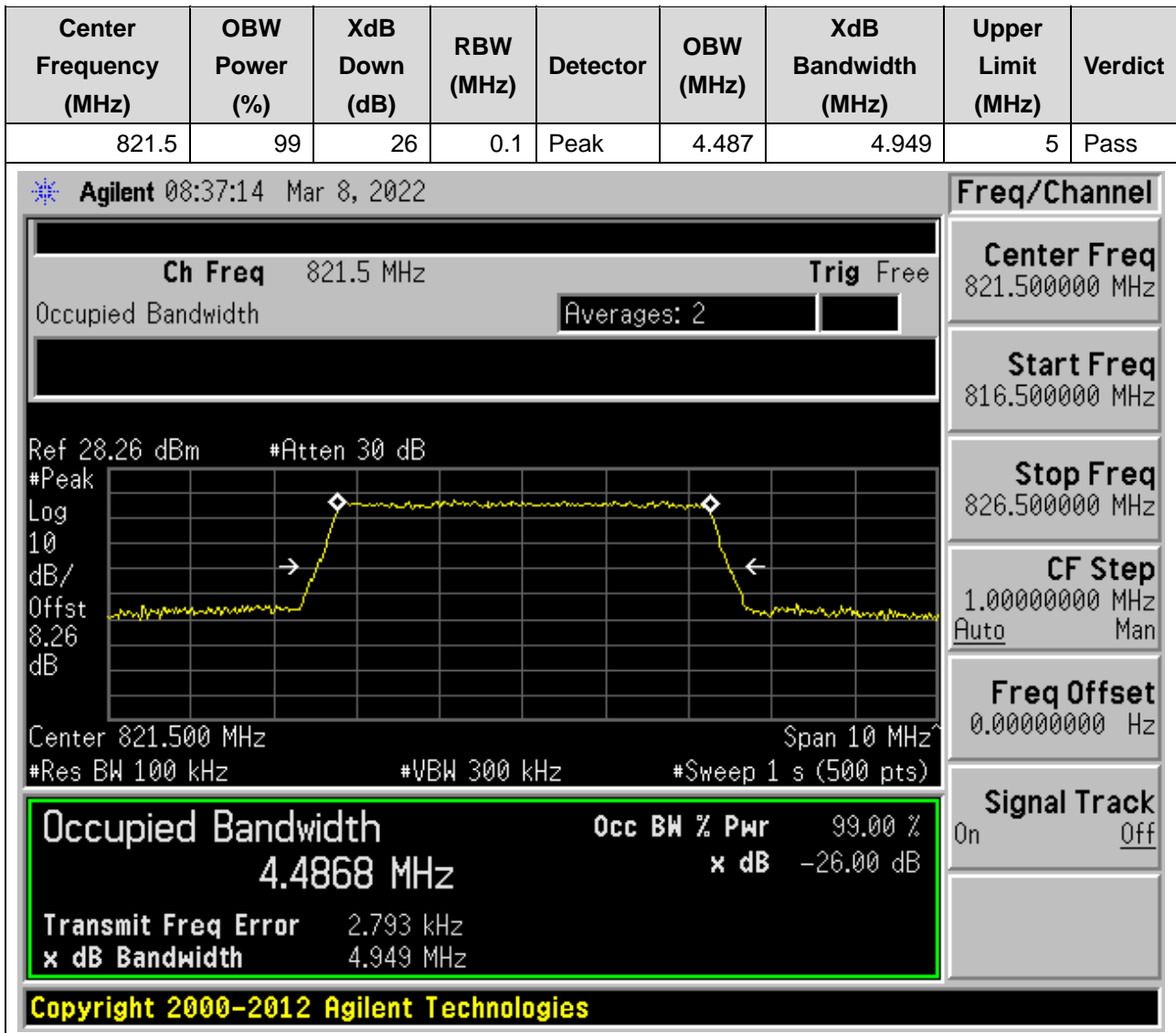
Stop Freq
826.500000 MHz

CF Step
1.00000000 MHz
Auto Man

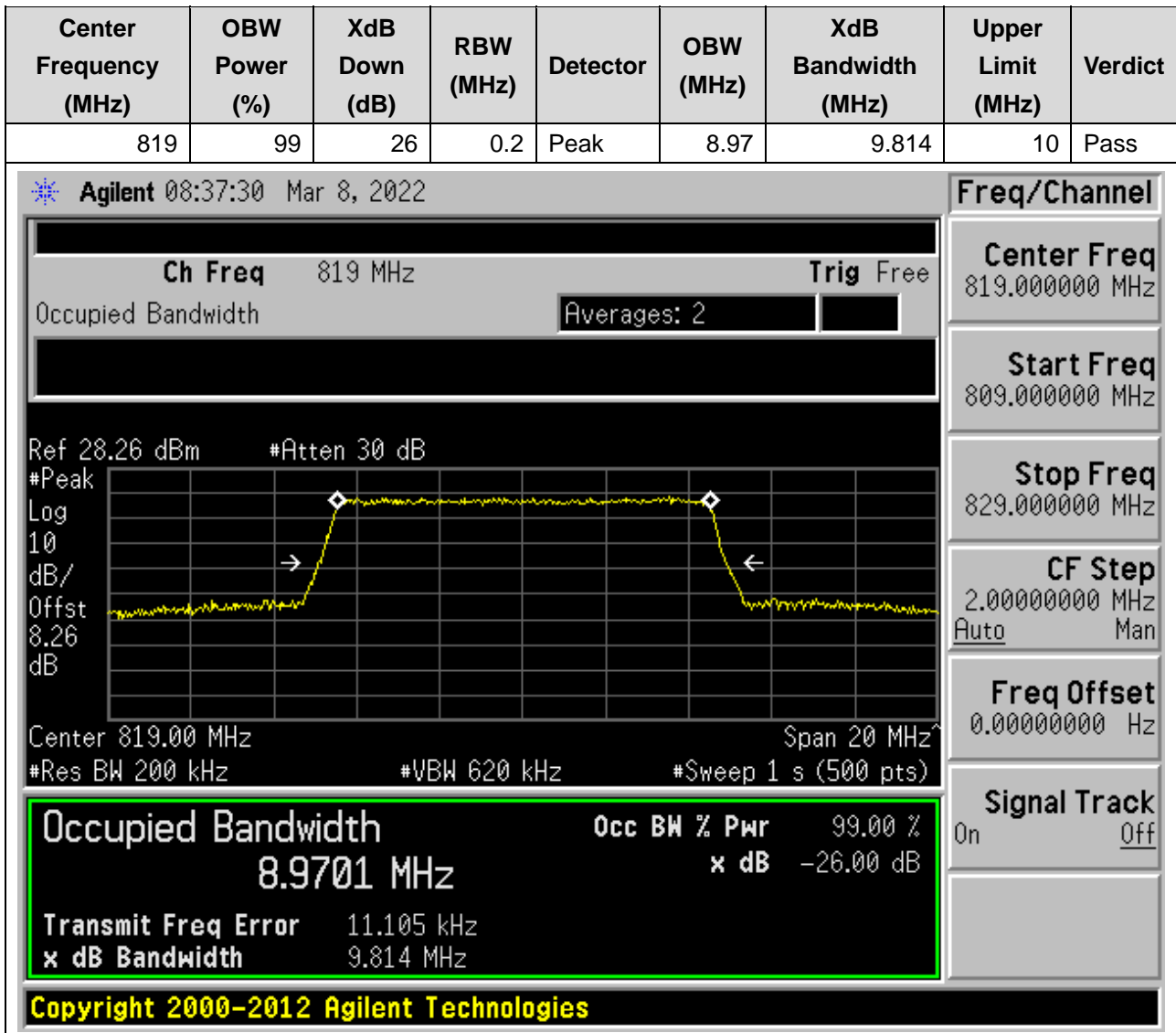
Freq Offset
0.00000000 Hz

Signal Track
On Off

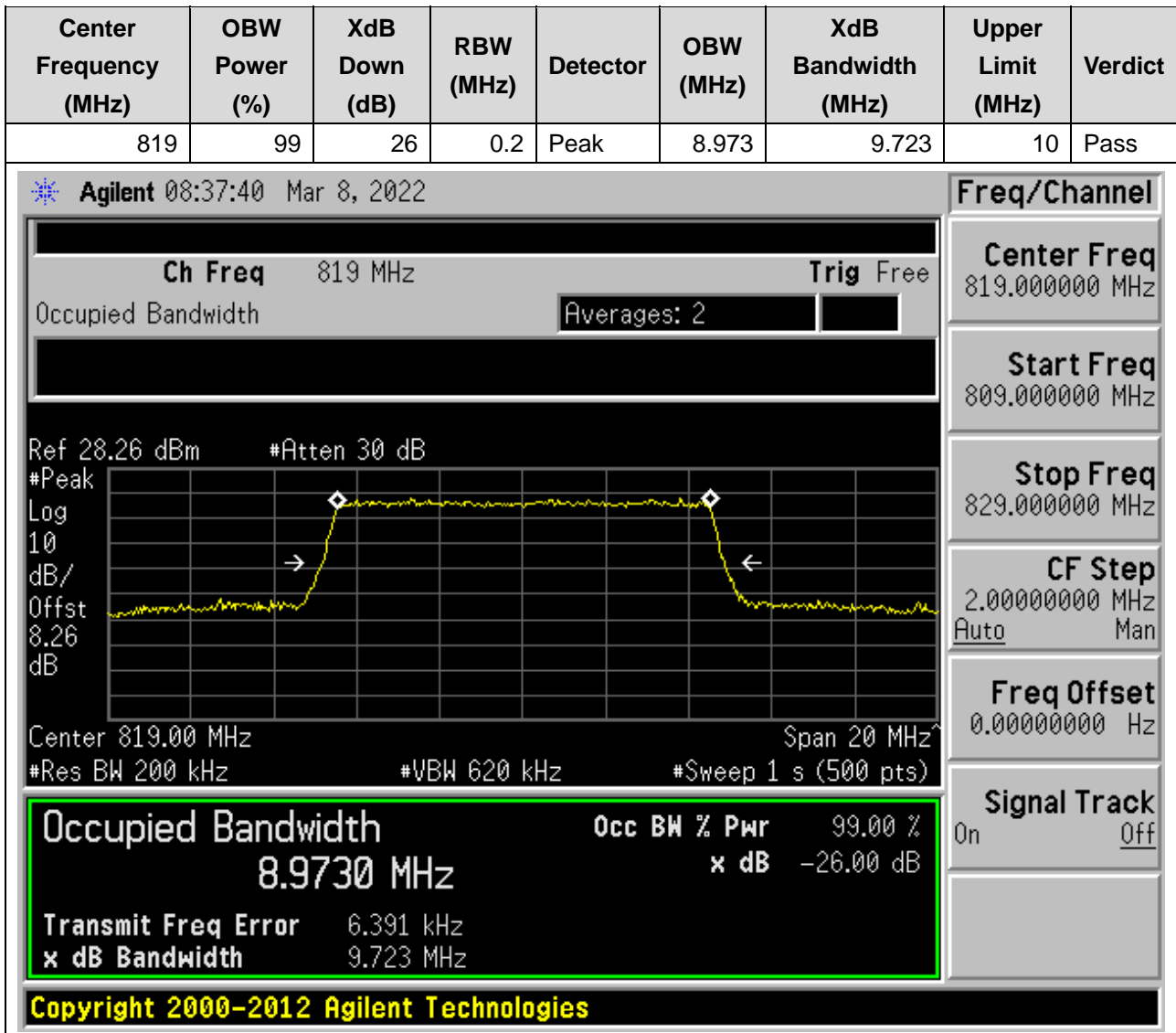
16.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:26765, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



16.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

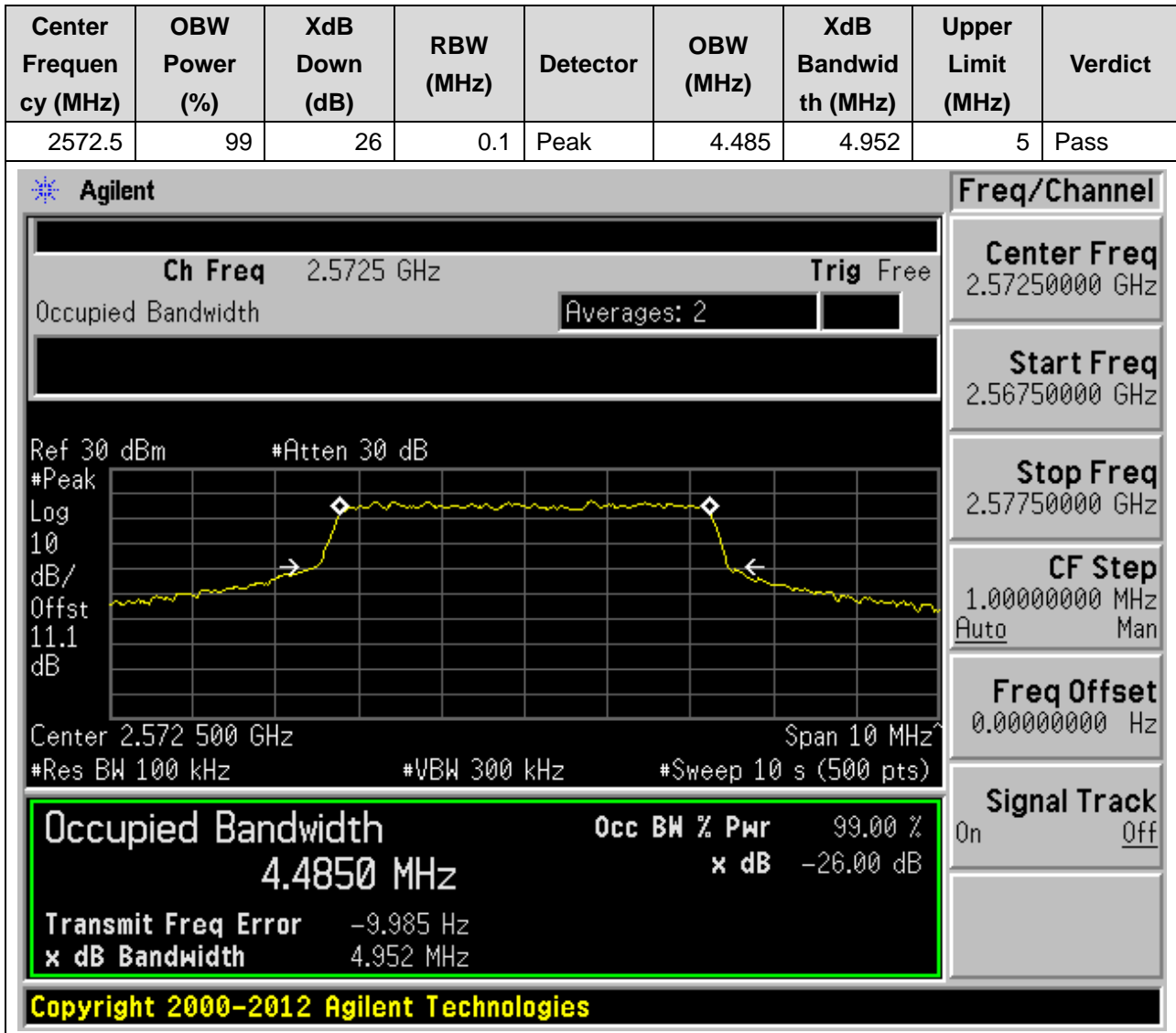


16.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



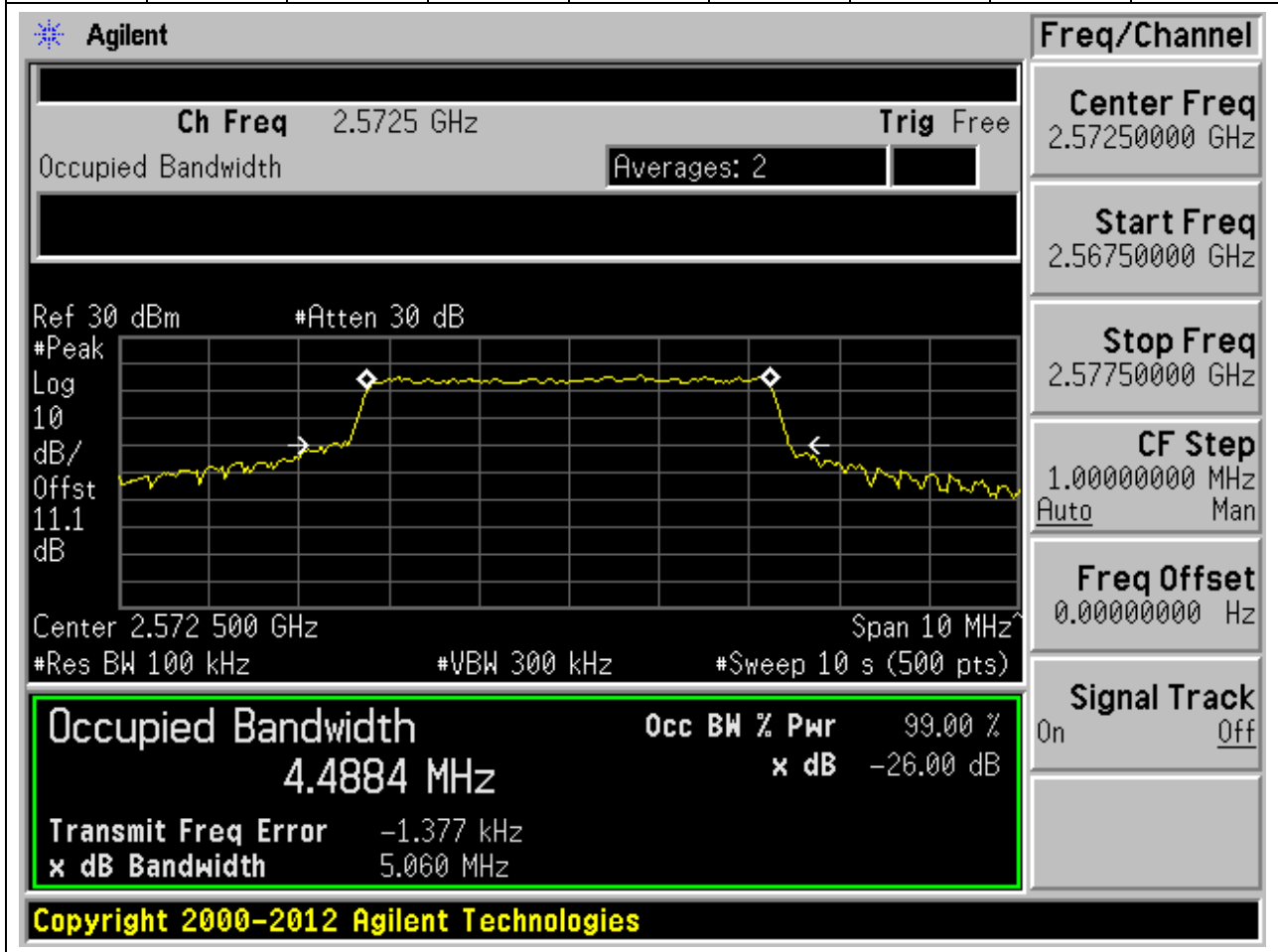
17. LTE_Band38

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

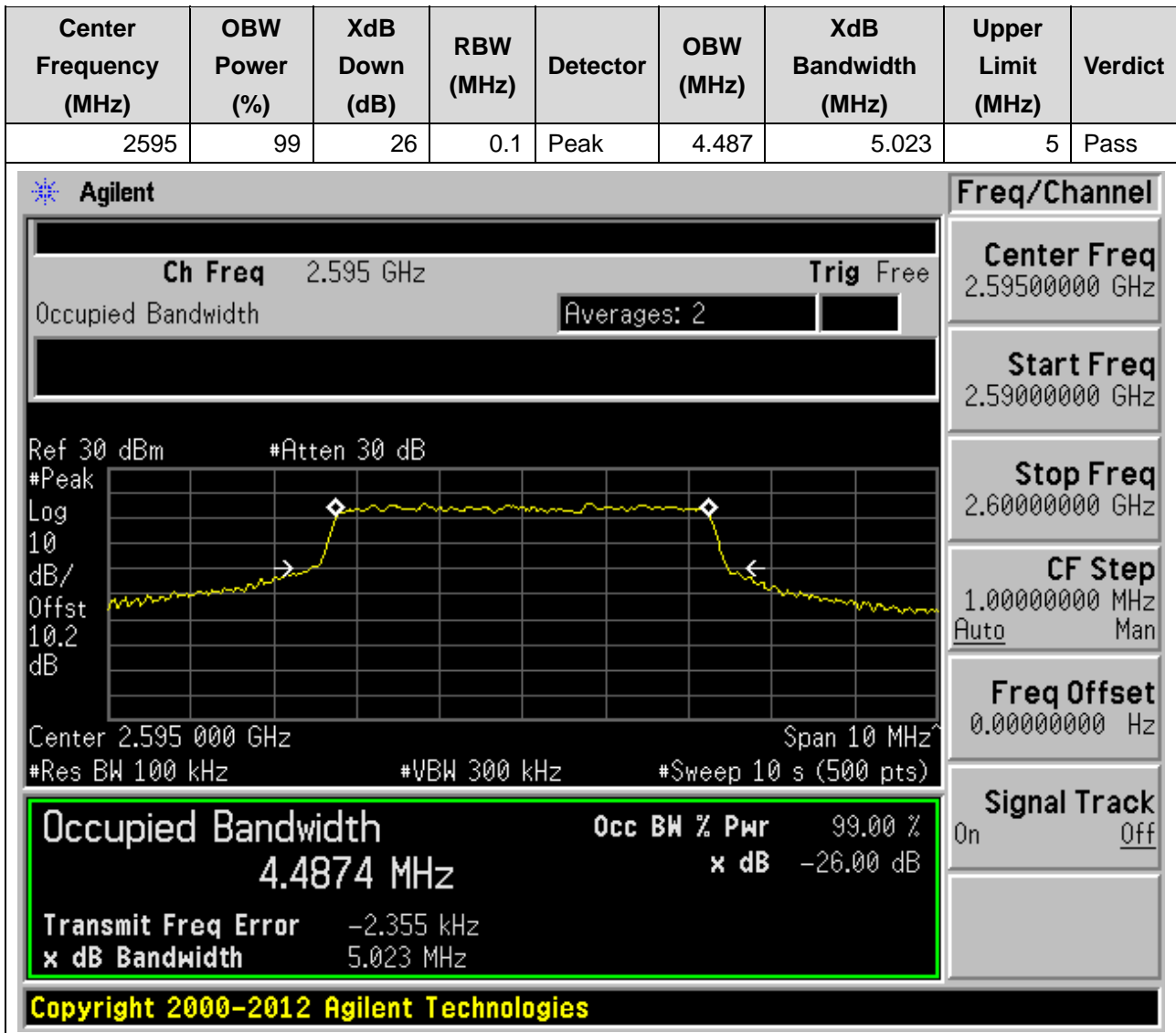


17.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:37775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2572.5	99	26	0.1	Peak	4.488	5.06	5	Pass



17.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



17.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:38000, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.483	4.97	5	Pass

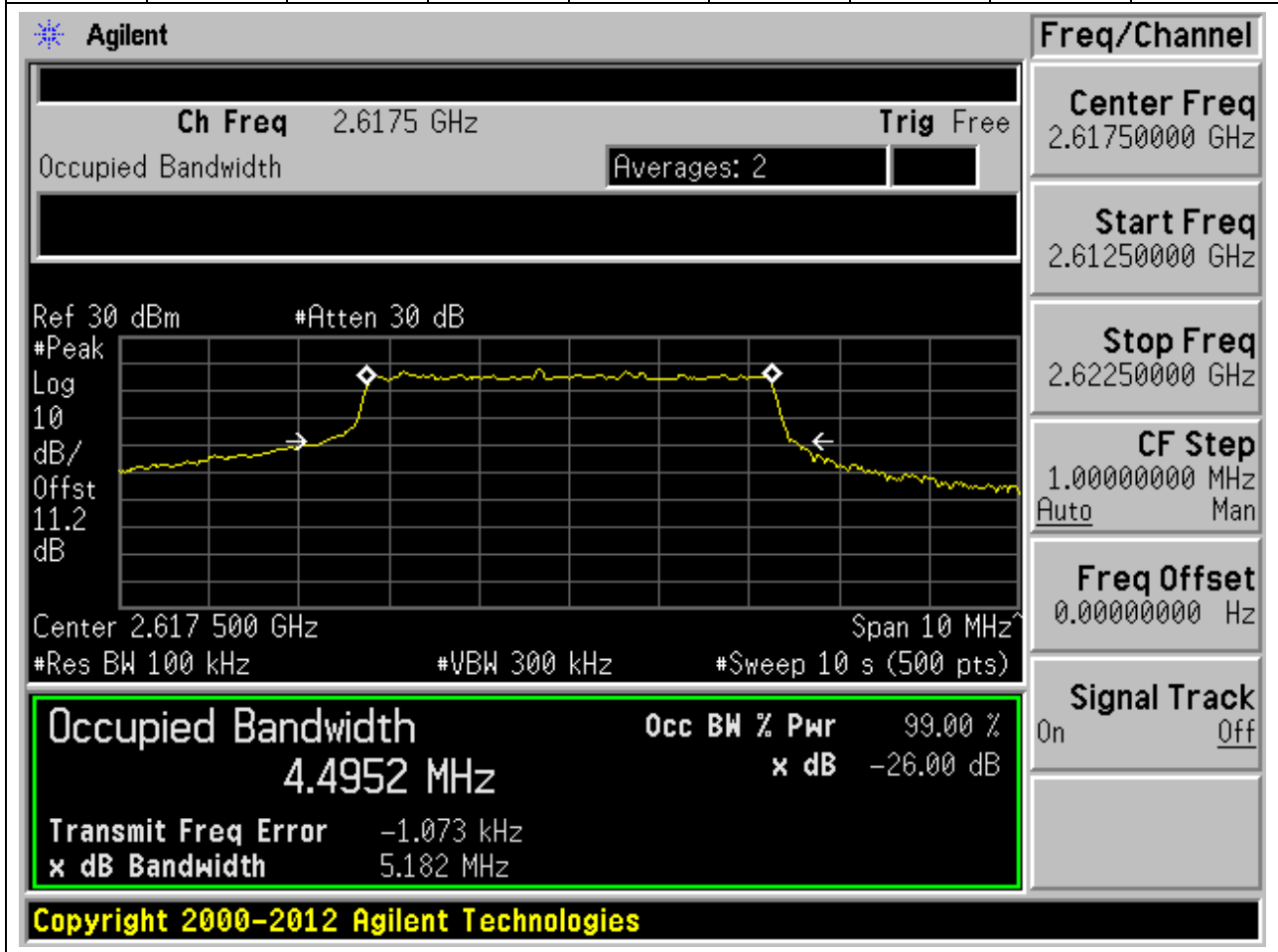
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.595 GHz. The occupied bandwidth is 4.483 MHz, which is 99.00% of the 4.970 MHz bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -2.232 kHz. The interface includes various control panels for frequency, power, and bandwidth, as well as a status bar at the bottom.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4830 MHz		x dB	-26.00 dB
Transmit Freq Error		-2.232 kHz	
x dB Bandwidth		4.970 MHz	

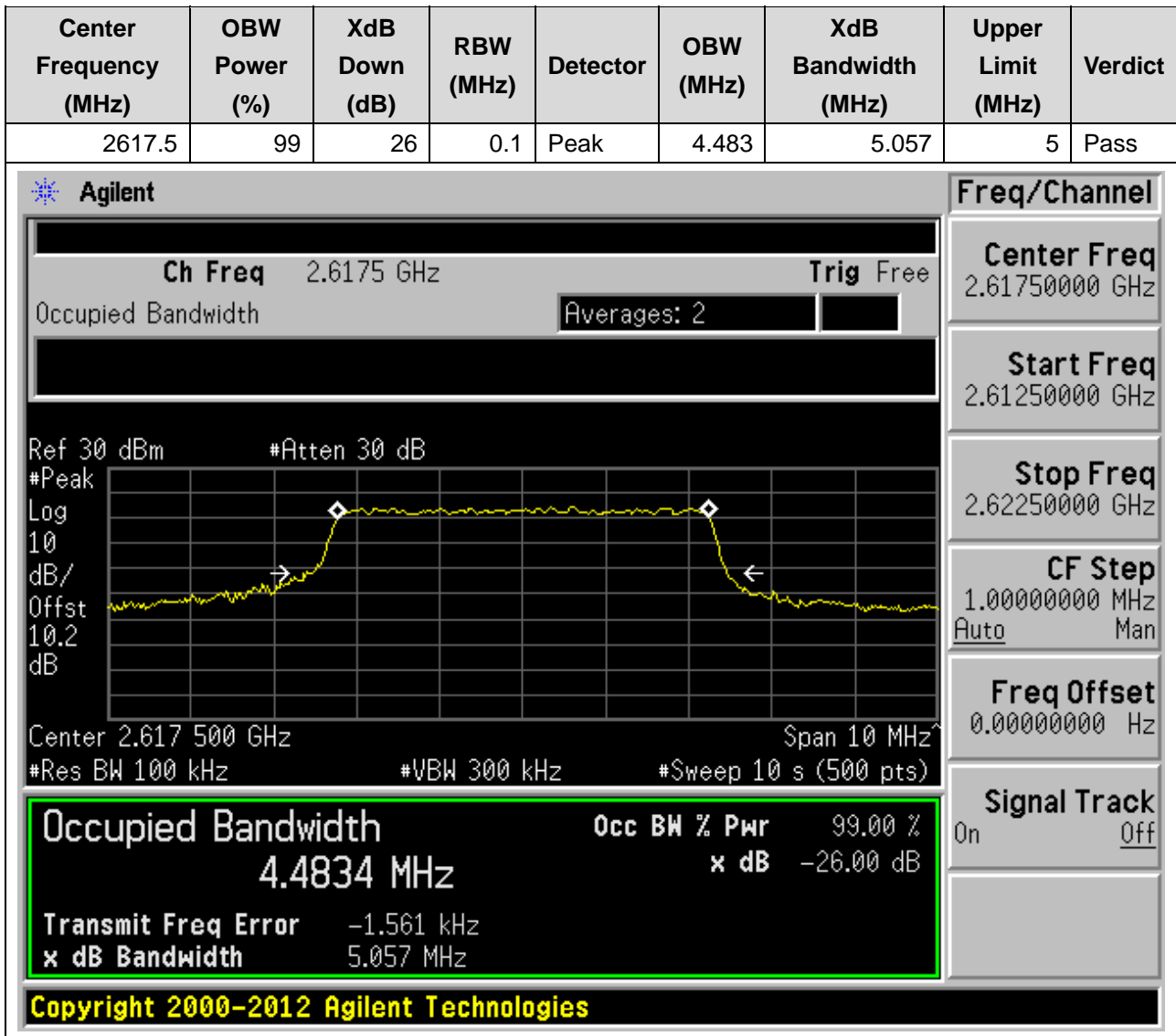
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17.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2617.5	99	26	0.1	Peak	4.495	5.182	5	Pass

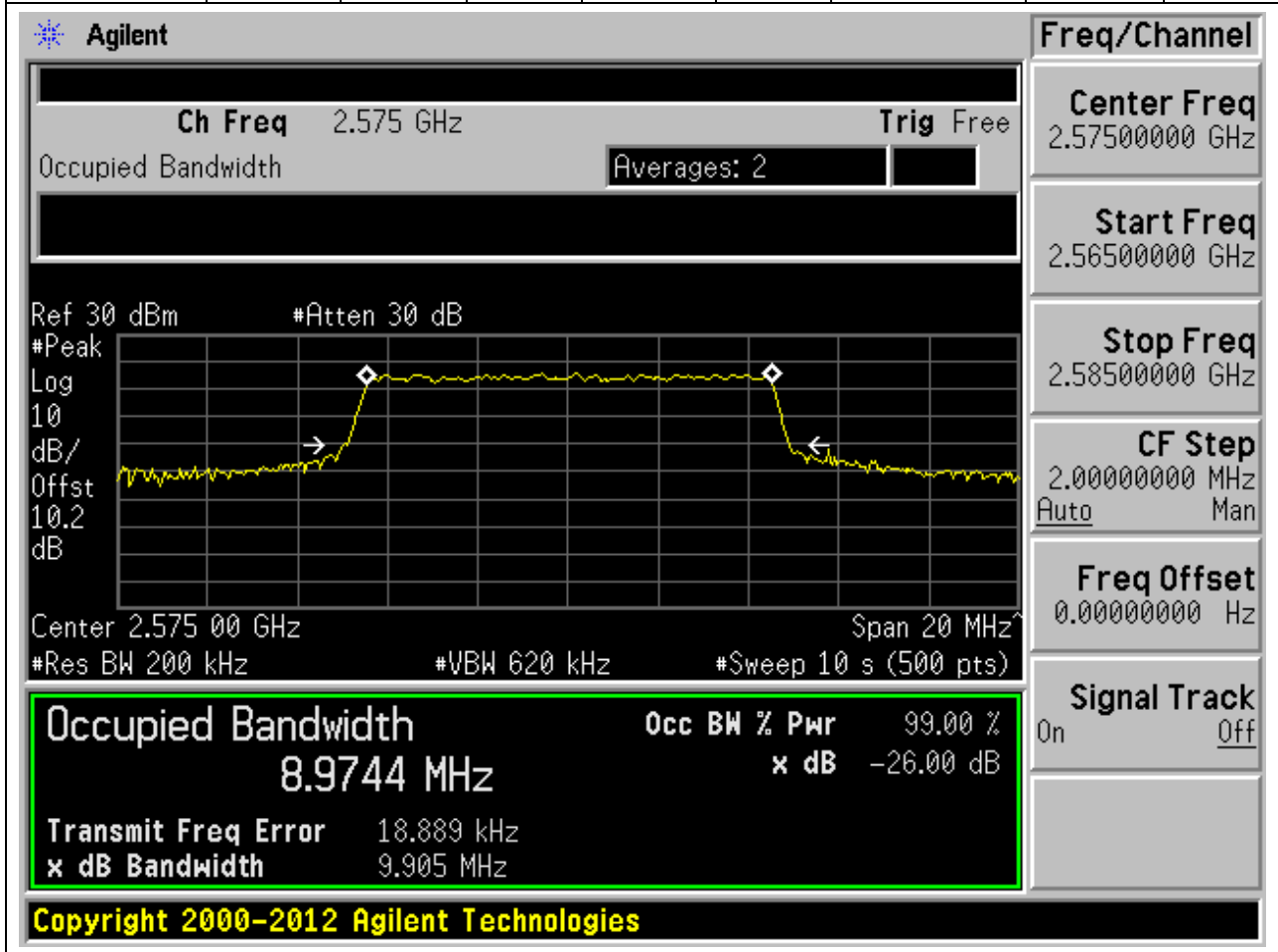


17.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:38225, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



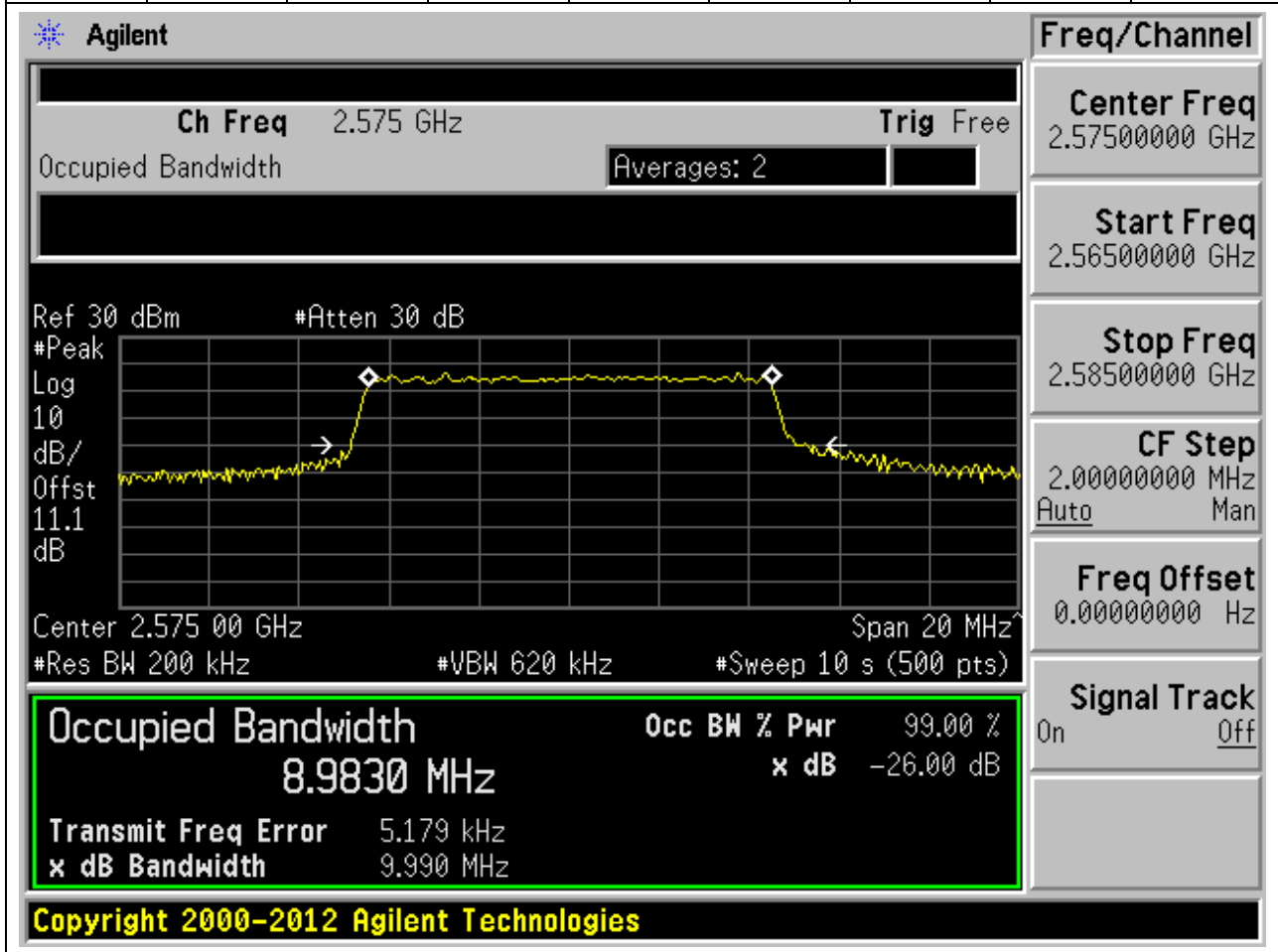
17.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:37800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.974	9.905	10	Pass



17.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:37800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.983	9.99	10	Pass



17.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:38000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.2	Peak	8.985	10.064	10	Pass

Agilent

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 10 s (500 pts)

Freq/Channel

Center Freq 2.59500000 GHz

Start Freq 2.58500000 GHz

Stop Freq 2.60500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9852 MHz

x dB -26.00 dB

Transmit Freq Error -4.581 kHz

x dB Bandwidth 10.064 MHz

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17.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:38000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

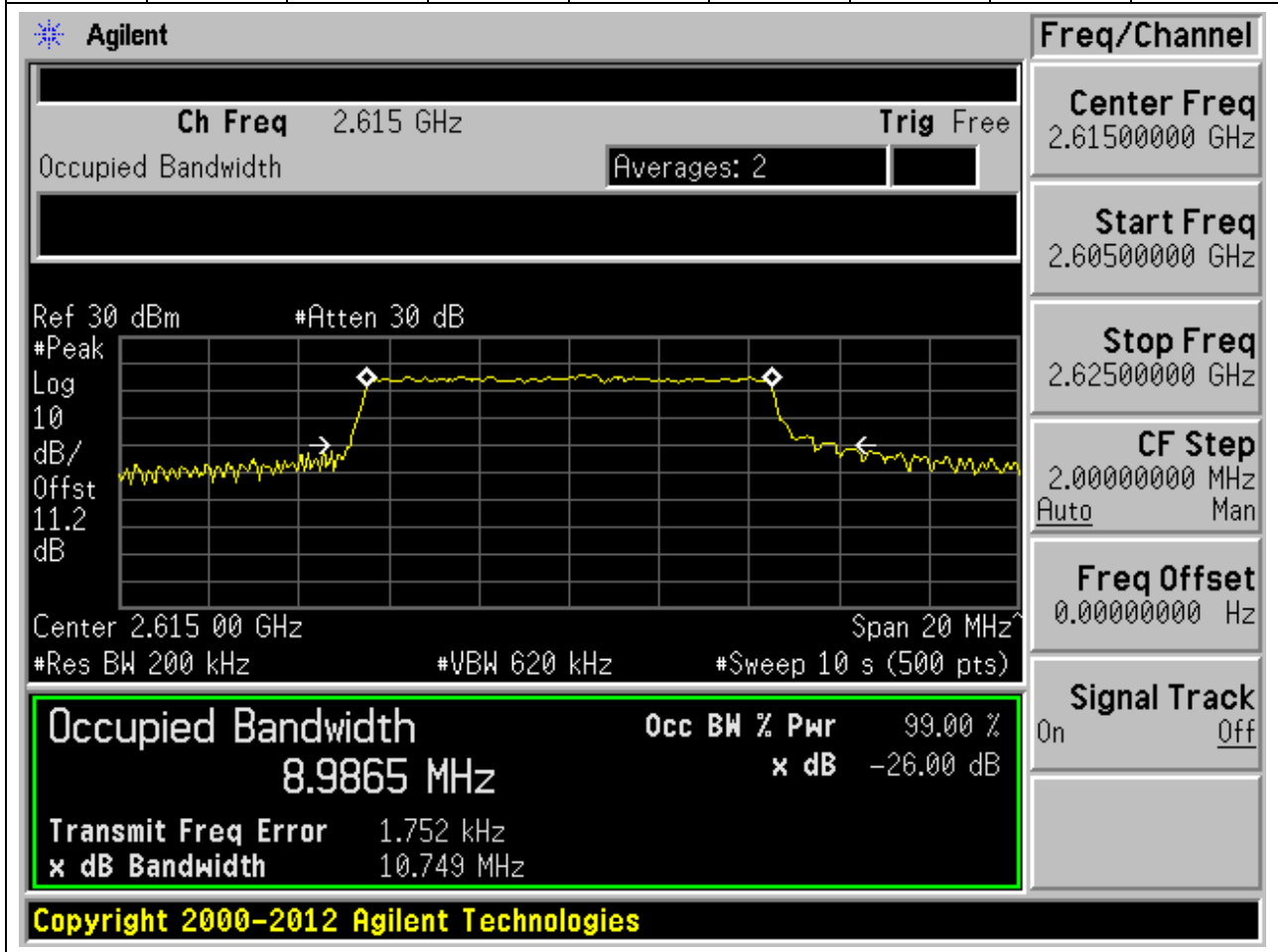


17.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:38200, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.987	10.749	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.483	15.18	15	Pass

Agilent

Freq/Channel
Center Freq
2.57750000 GHz
Start Freq
2.56250000 GHz
Stop Freq
2.59250000 GHz
CF Step
3.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 2.5775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.577 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4829 MHz x dB -26.00 dB

Transmit Freq Error 13.791 kHz

x dB Bandwidth 15.180 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.448	15.315	15	Pass

Agilent
Freq/Channel

Ch Freq 2.5775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.577 50 GHz Span 30 MHz

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

Center Freq
2.57750000 GHz

Start Freq
2.56250000 GHz

Stop Freq
2.59250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.4478 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

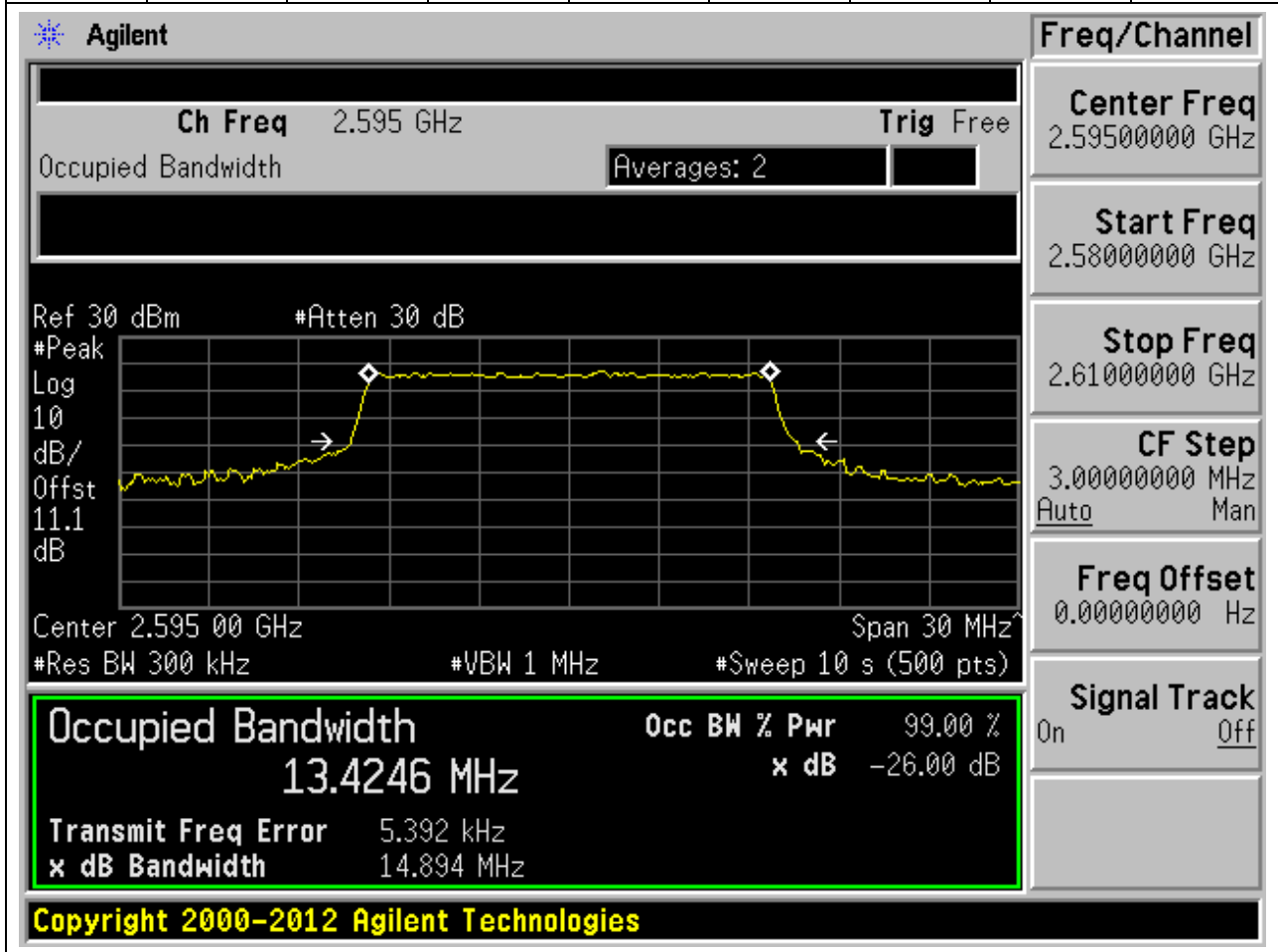
Transmit Freq Error 9.089 kHz

x dB Bandwidth 15.315 MHz

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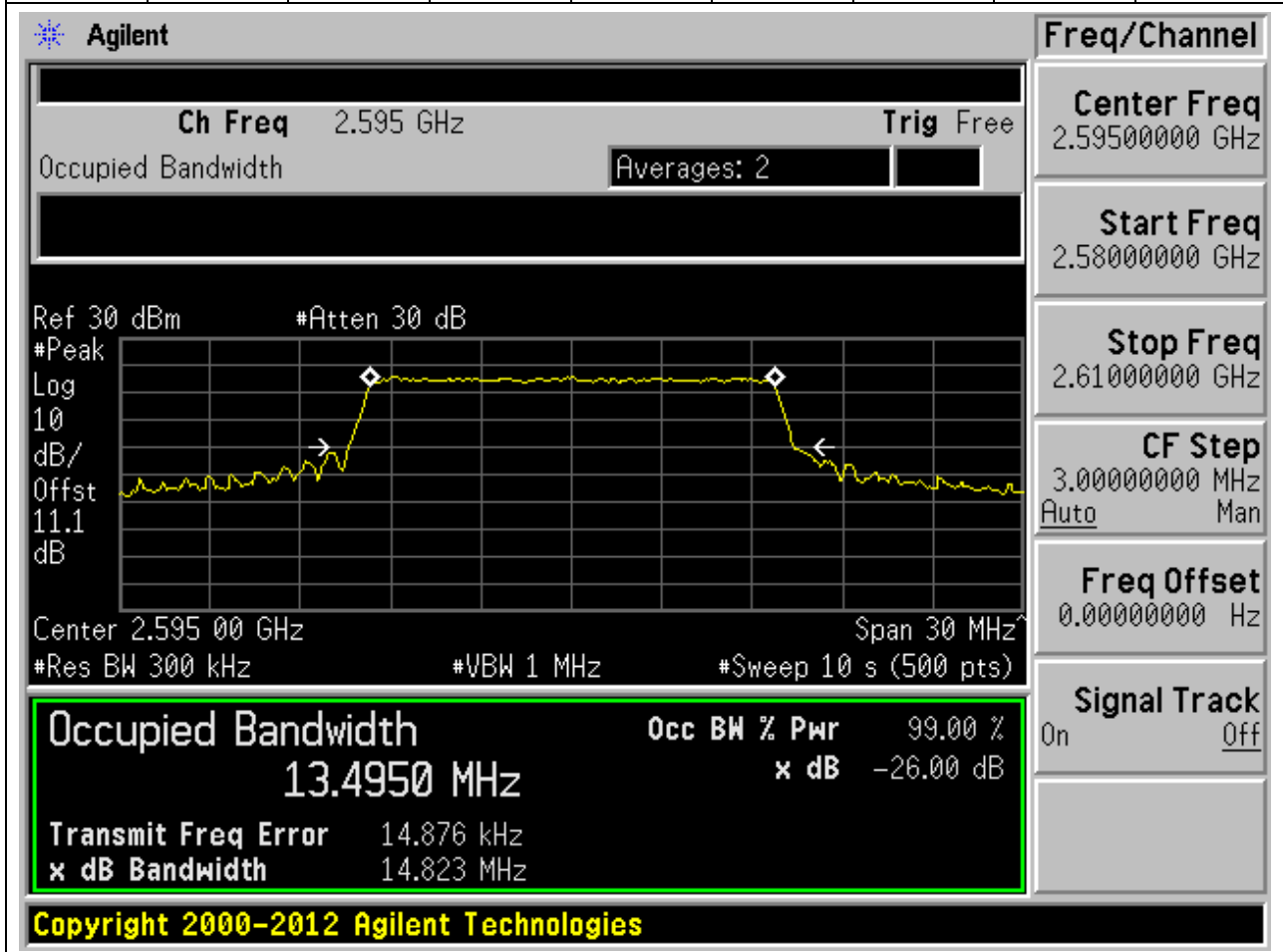
17.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:38000, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.425	14.894	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.495	14.823	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.419	15.372	15	Pass

Agilent
Freq/Channel

Ch Freq 2.6125 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Center Freq
2.61250000 GHz

Start Freq
2.59750000 GHz

Stop Freq
2.62750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 30 dBm #Atten 30 dB

Center 2.612 50 GHz Span 30 MHz

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

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

13.4190 MHz **x dB** -26.00 dB

Transmit Freq Error -10.952 kHz

x dB Bandwidth 15.372 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.492	15.566	15	Pass

Agilent

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.612 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
13.4916 MHz x dB -26.00 dB

Transmit Freq Error -23.687 kHz
 x dB Bandwidth 15.566 MHz

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Freq/Channel

Center Freq 2.61250000 GHz

Start Freq 2.59750000 GHz

Stop Freq 2.62750000 GHz

CF Step 3.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.959	19.451	20	Pass

Agilent

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.580 00 GHz Span 40 MHz

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

Freq/Channel

Center Freq 2.58000000 GHz

Start Freq 2.56000000 GHz

Stop Freq 2.60000000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9588 MHz x dB -26.00 dB

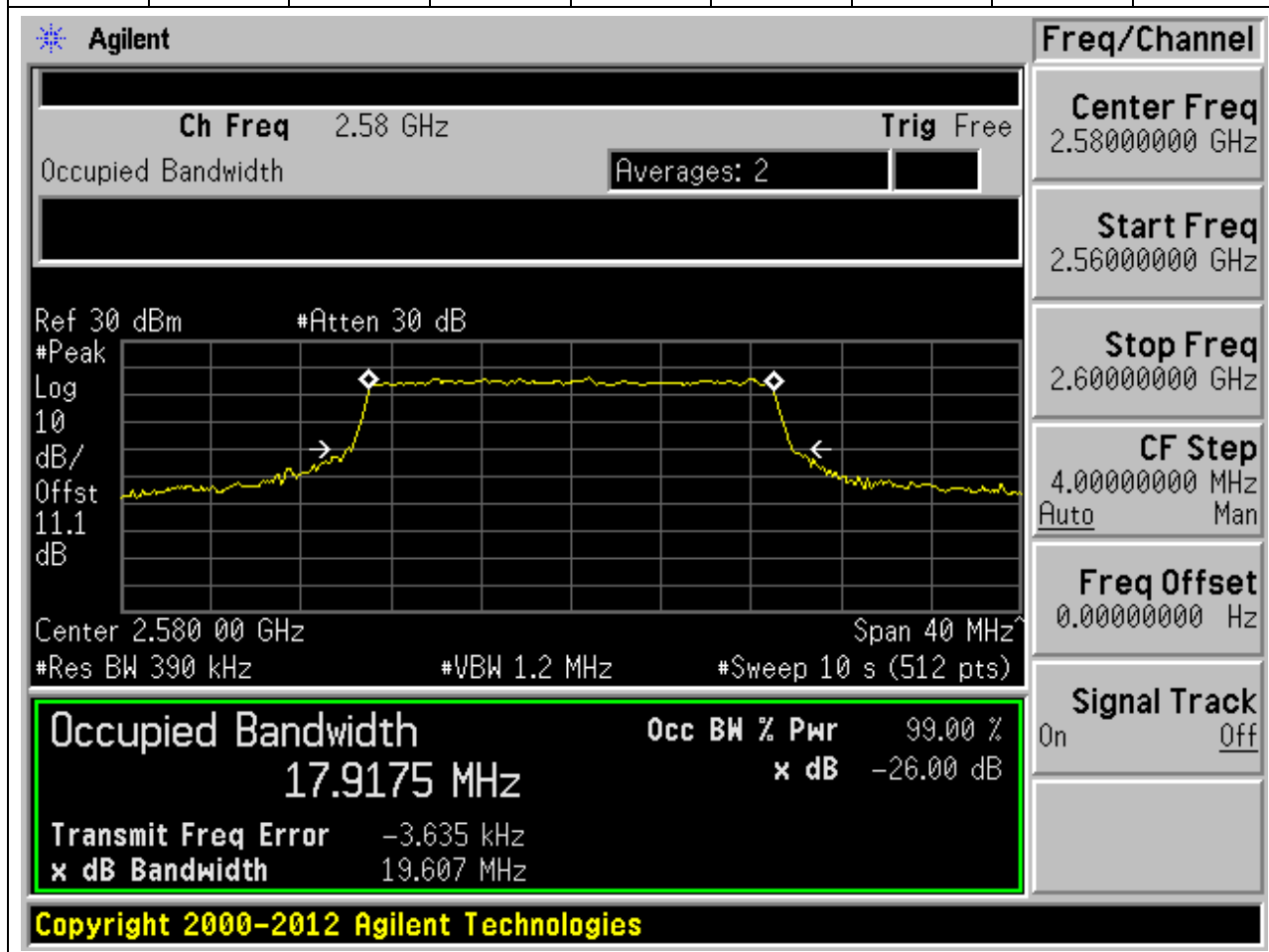
Transmit Freq Error -256.302 Hz

x dB Bandwidth 19.451 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.917	19.607	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	17.906	19.377	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 11.1 dB

Center 2.595 00 GHz Span 40 MHz

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

Occupied Bandwidth 17.9062 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 10.701 kHz
x dB Bandwidth 19.377 MHz

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Freq/Channel

Center Freq 2.59500000 GHz

Start Freq 2.57500000 GHz

Stop Freq 2.61500000 GHz

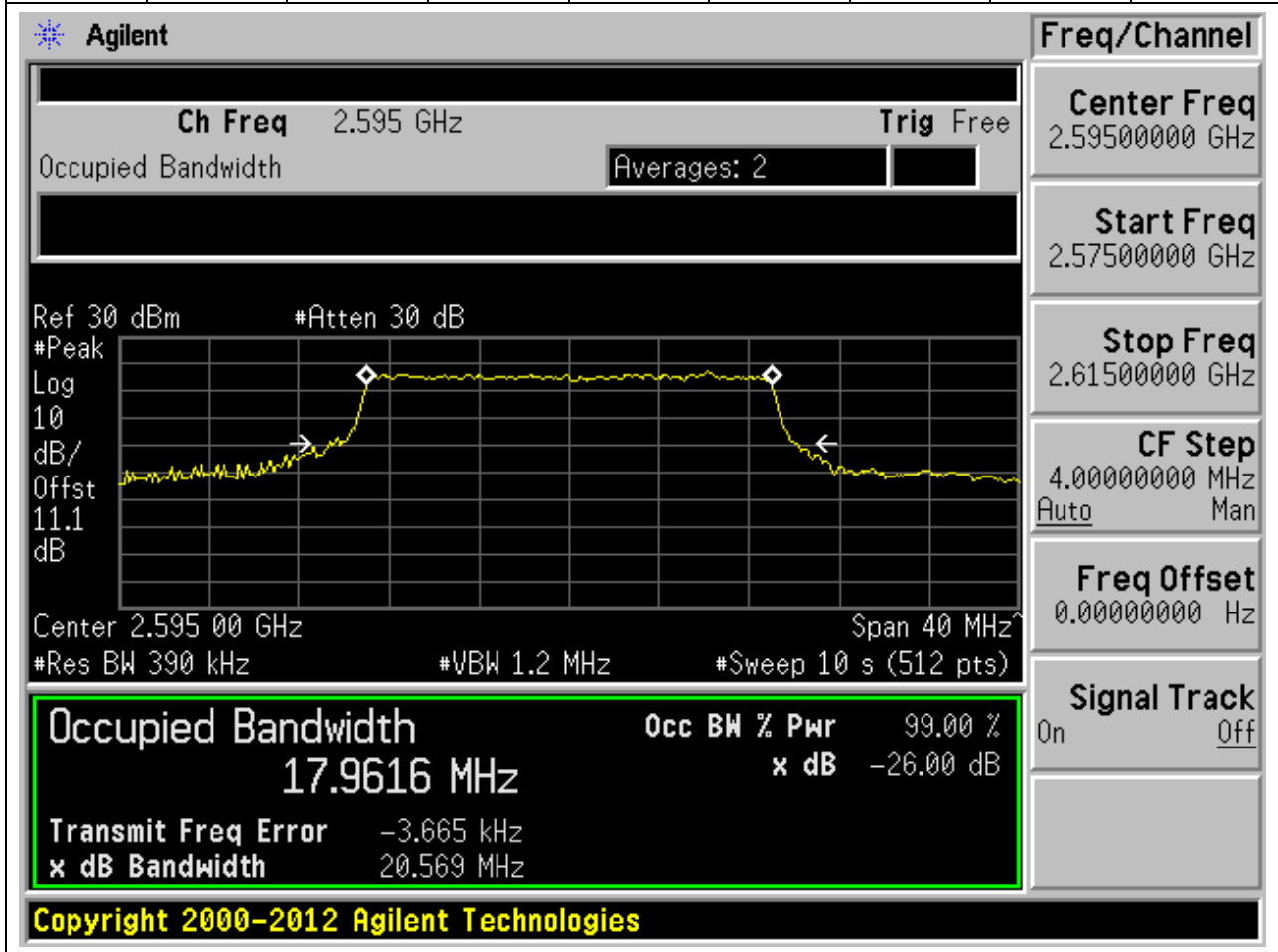
CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

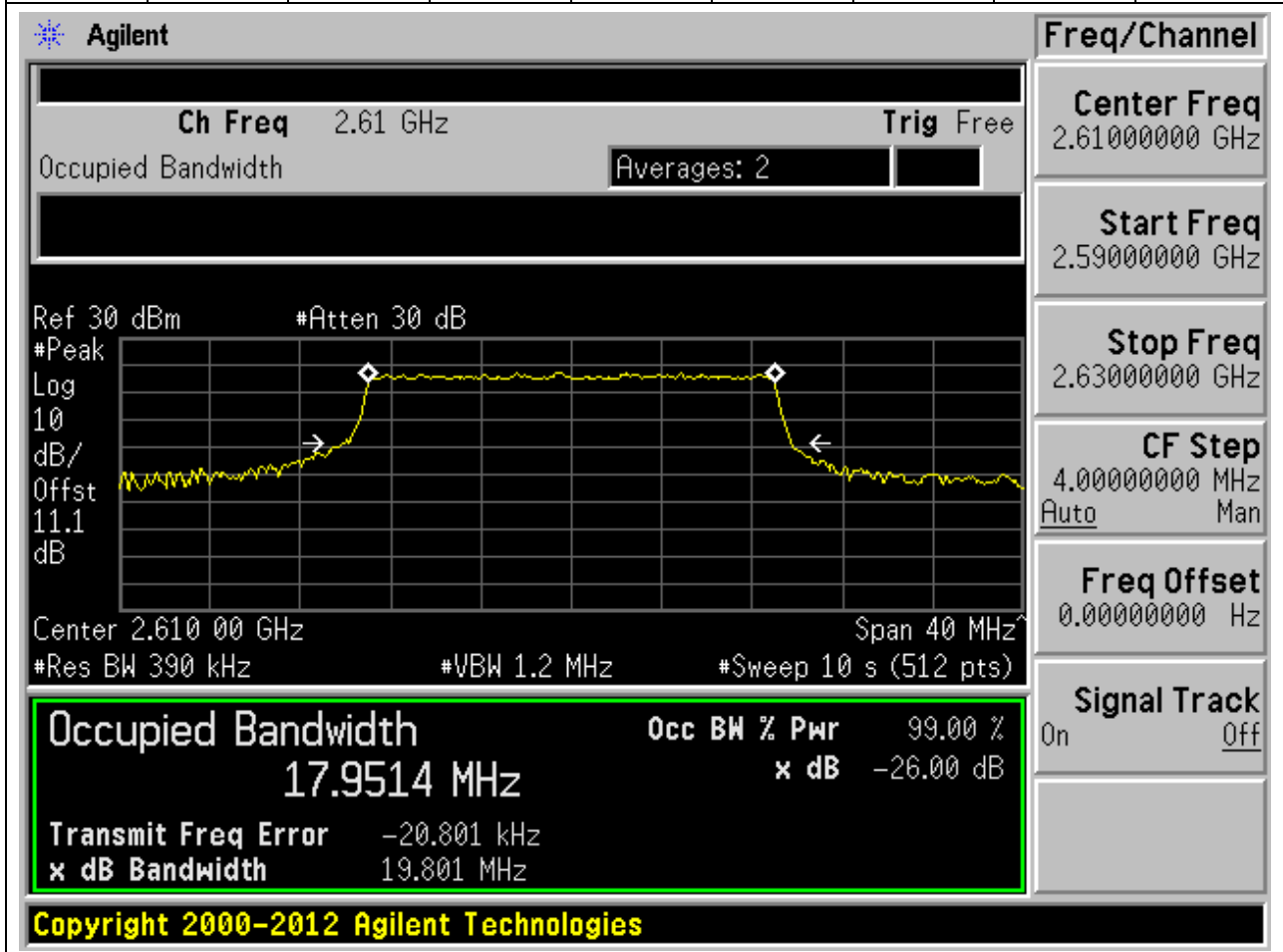
17.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	17.962	20.569	20	Pass



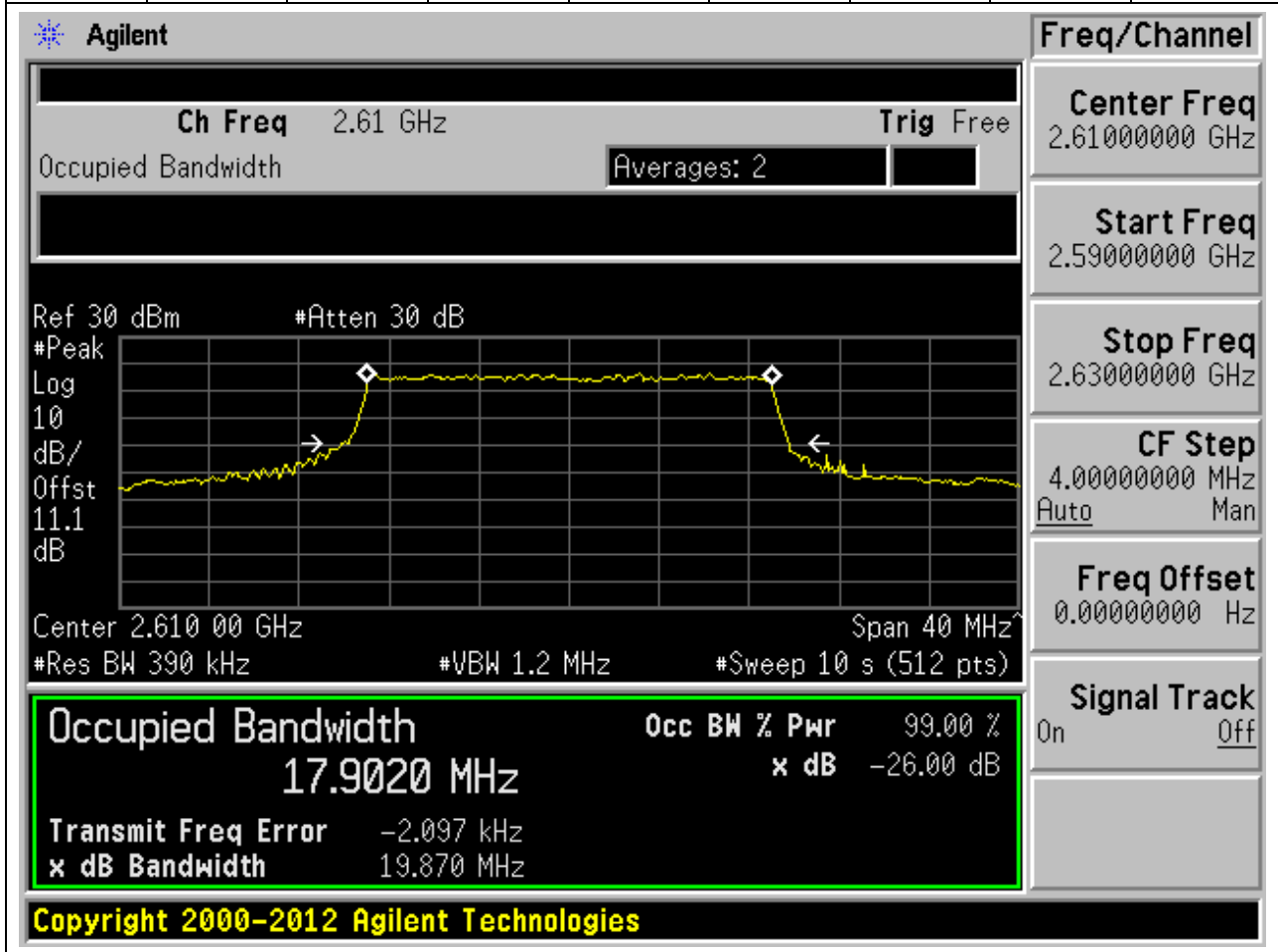
17.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.39	Peak	17.951	19.801	20	Pass



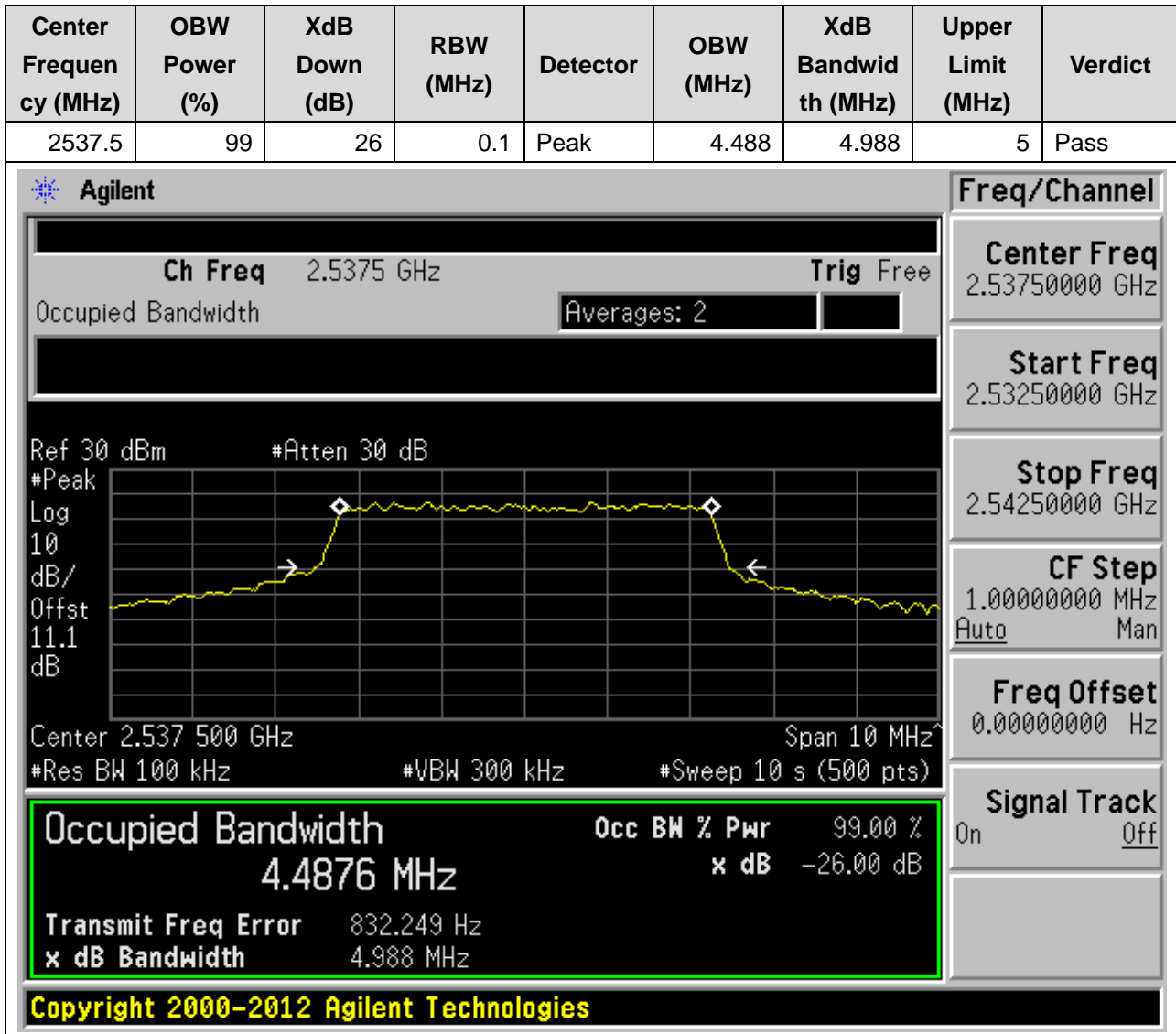
17.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.39	Peak	17.902	19.87	20	Pass

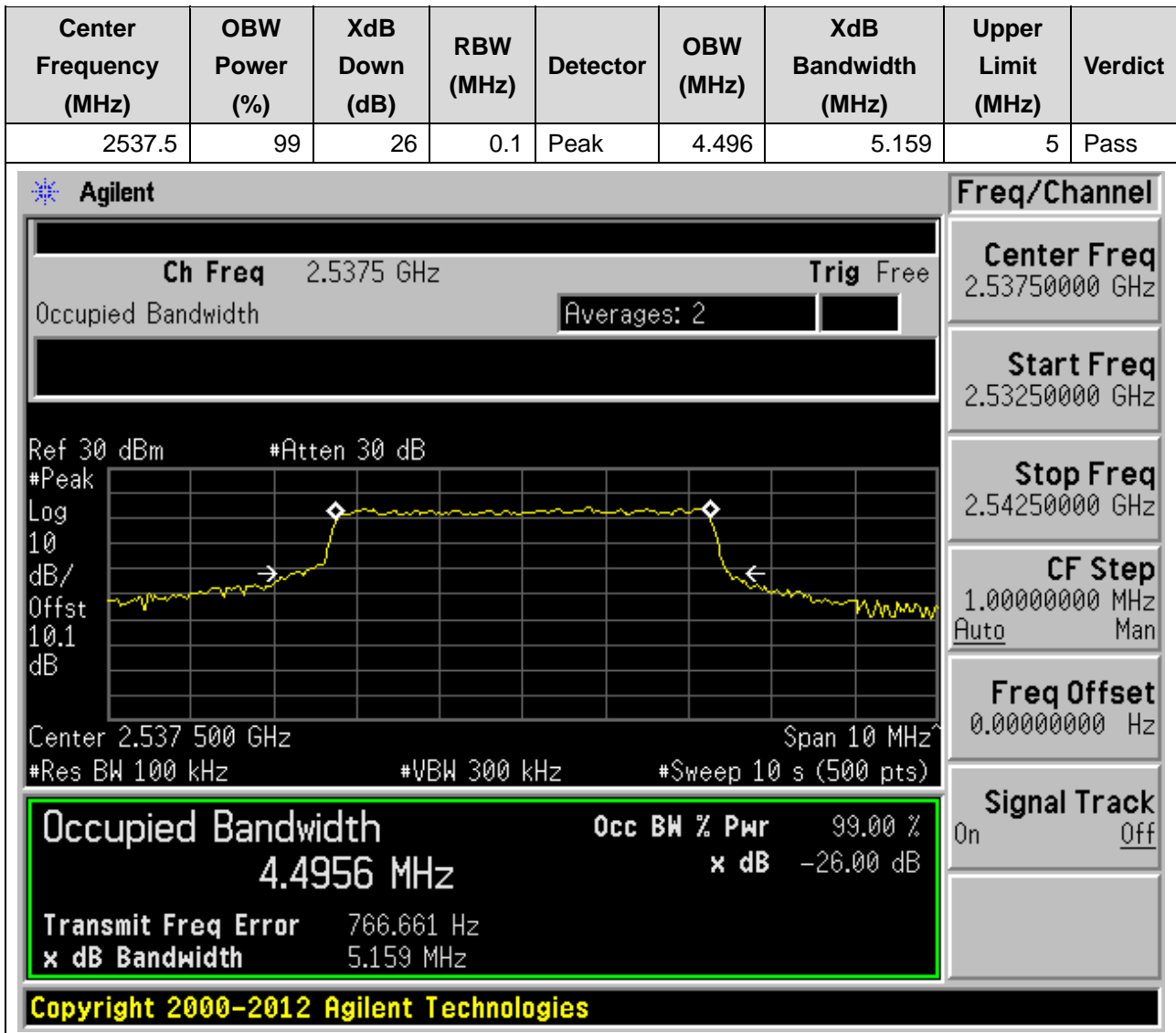


18. LTE_Band41 120M OPPO

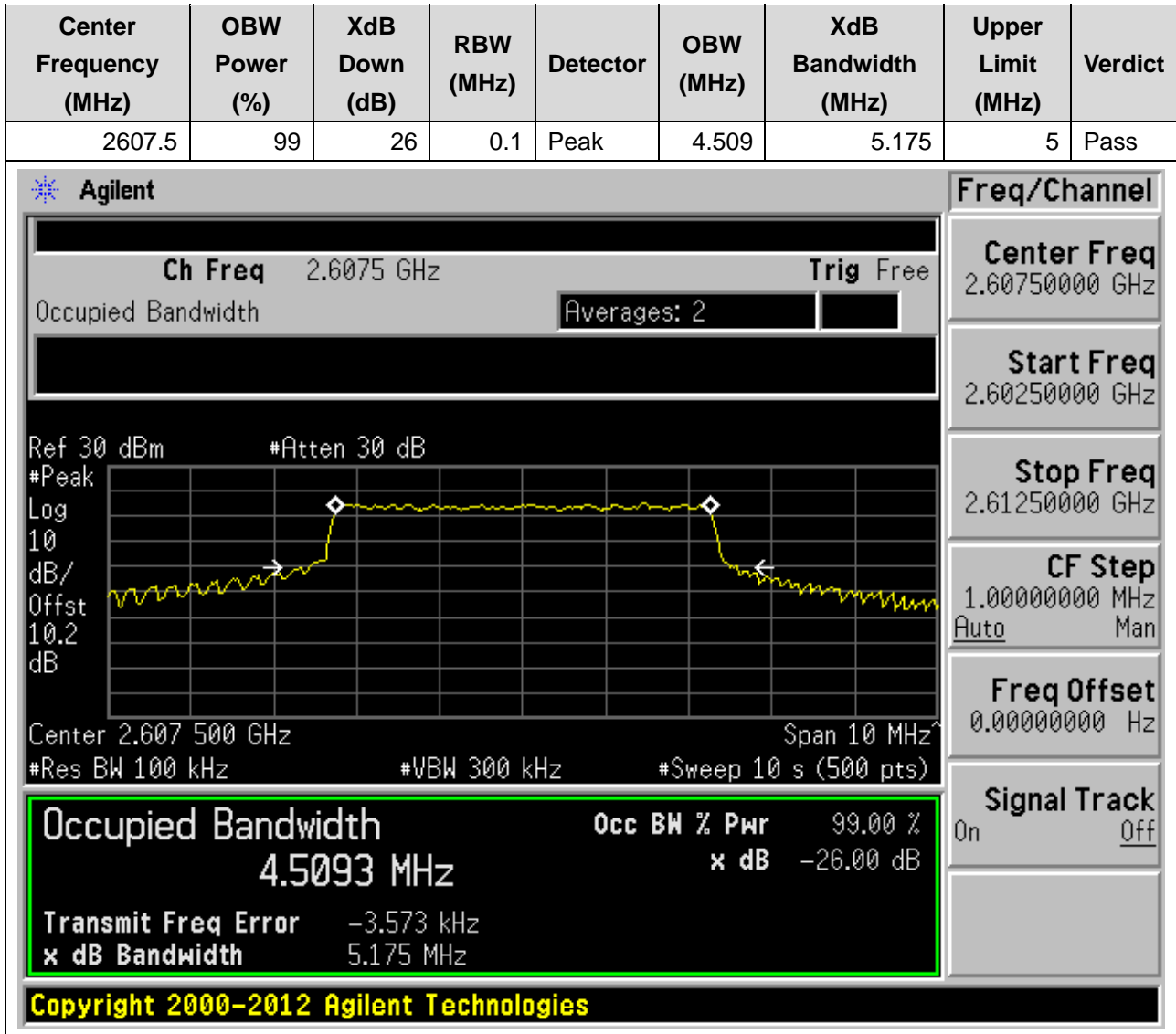
18.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:40065, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



18.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:40065, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



18.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:40765, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



18.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:40765, 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
2607.5	99	26	0.1	Peak	4.482	5.002	5	Pass

Agilent

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.607 500 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
4.4822 MHz x dB -26.00 dB

Transmit Freq Error -2.151 kHz
x dB Bandwidth 5.002 MHz

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Freq/Channel

Center Freq 2.60750000 GHz

Start Freq 2.60250000 GHz

Stop Freq 2.61250000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

18.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

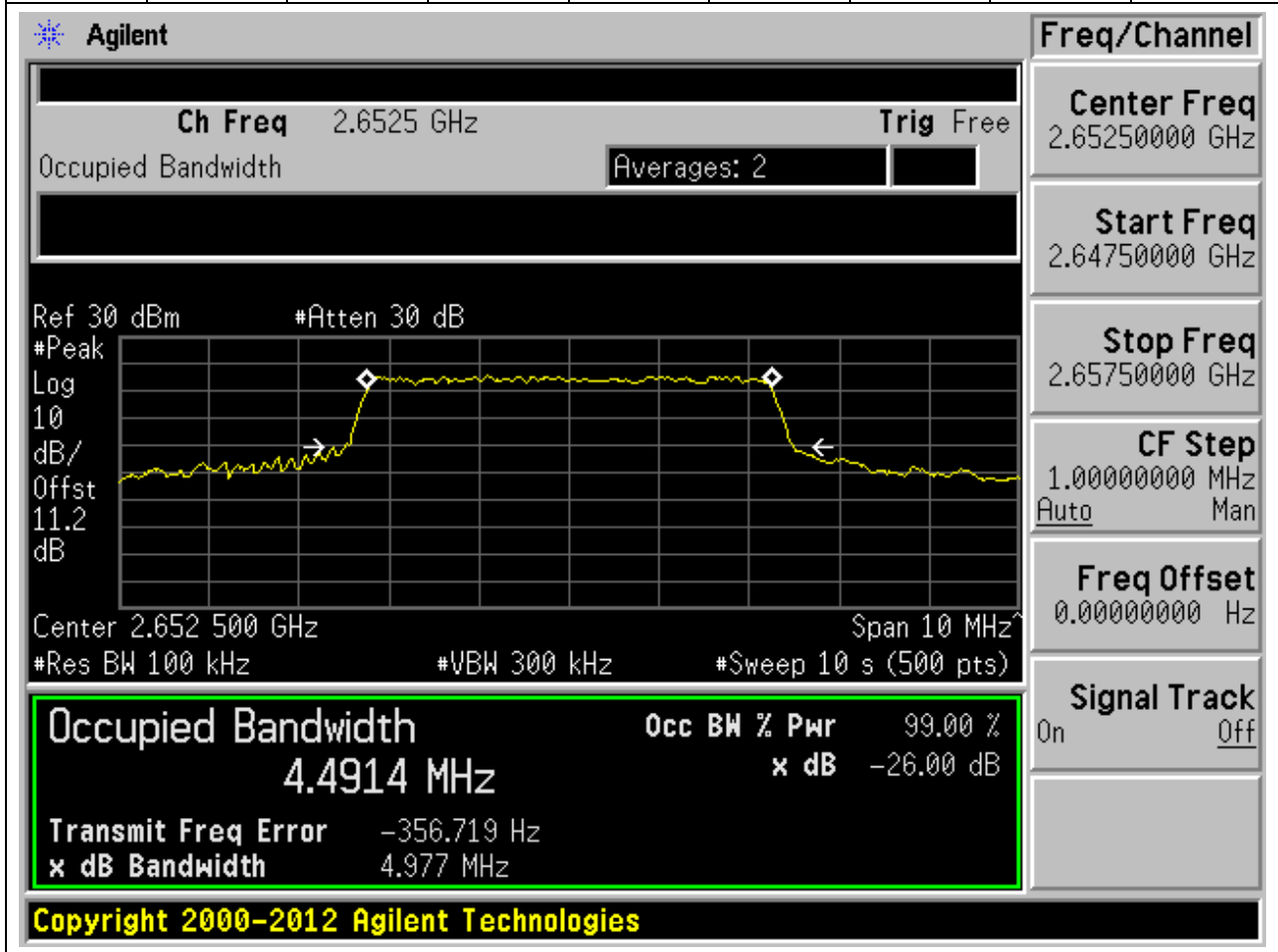
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2652.5	99	26	0.1	Peak	4.499	5.106	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.6525 GHz and a span of 10 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.2 dB. The horizontal axis is labeled 'Span 10 MHz'. The plot shows a signal with a peak at approximately 2.6525 GHz. The 'Occupied Bandwidth' is highlighted in a green box and shows a value of 4.4986 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -2.872 kHz and the 'x dB Bandwidth' is 5.106 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Agilent		Freq/Channel	
Ch Freq	2.6525 GHz	Center Freq	2.65250000 GHz
Occupied Bandwidth	Averages: 2	Start Freq	2.64750000 GHz
Ref 30 dBm	#Atten 30 dB	Stop Freq	2.65750000 GHz
#Peak		CF Step	1.00000000 MHz
Log		Auto	Man
dB/Offst	11.2 dB	Freq Offset	0.00000000 Hz
Center	2.652 500 GHz	Span	10 MHz
#Res BW	100 kHz	#VBW	300 kHz
		#Sweep	10 s (500 pts)
Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4986 MHz		x dB	-26.00 dB
Transmit Freq Error	-2.872 kHz	Signal Track	On
x dB Bandwidth	5.106 MHz	Off	
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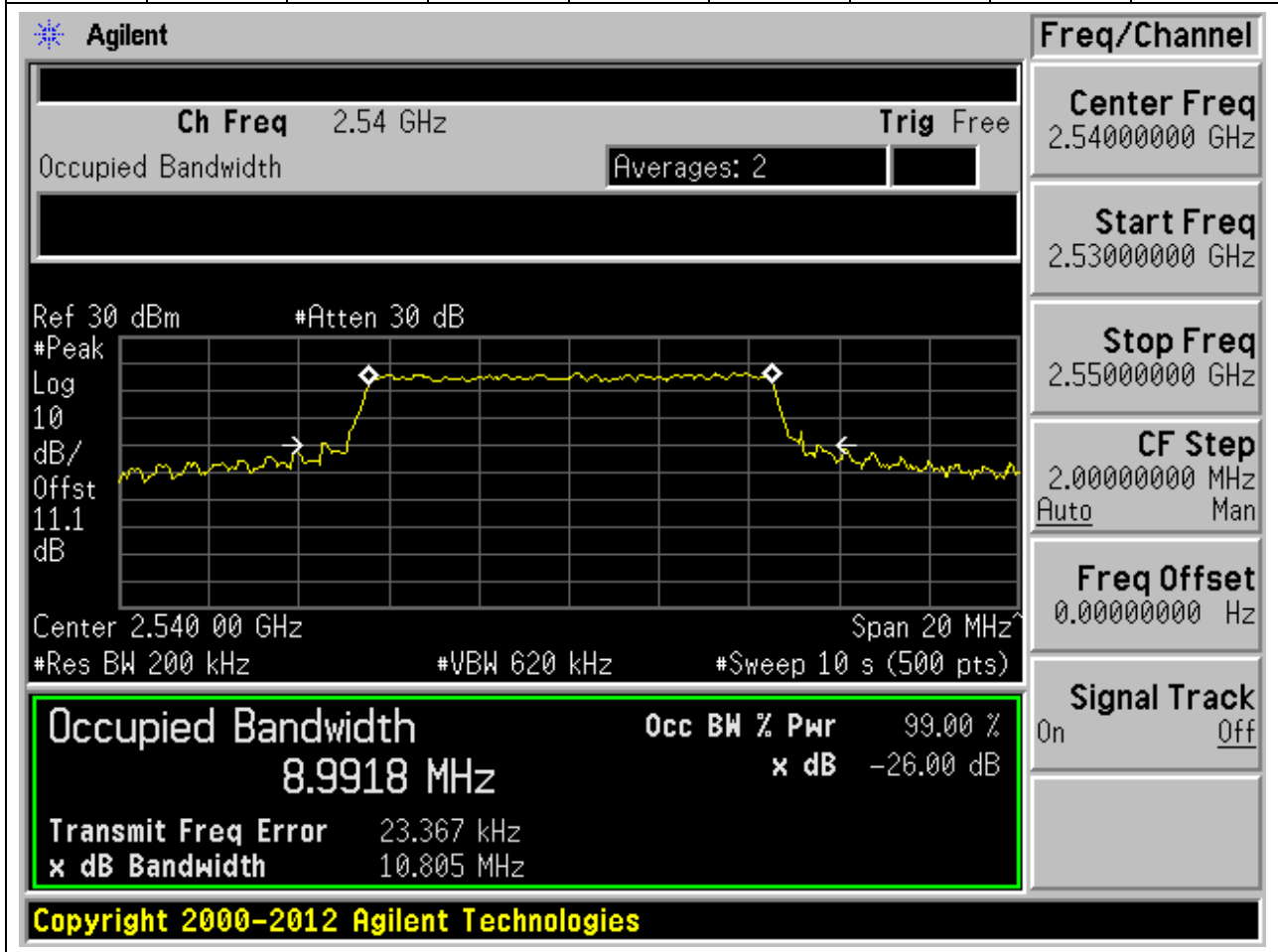
18.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.491	4.977	5	Pass



18.7. LTE Occupied Bandwidth(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	8.992	10.805	10	Pass



18.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:40090, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



18.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:40765, 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
2607.5	99	26	0.2	Peak	8.985	10.351	10	Pass

Agilent

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.607 50 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9853 MHz x dB -26.00 dB

Transmit Freq Error -1.283 kHz

x dB Bandwidth 10.351 MHz

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Freq/Channel

Center Freq 2.60750000 GHz

Start Freq 2.59750000 GHz

Stop Freq 2.61750000 GHz

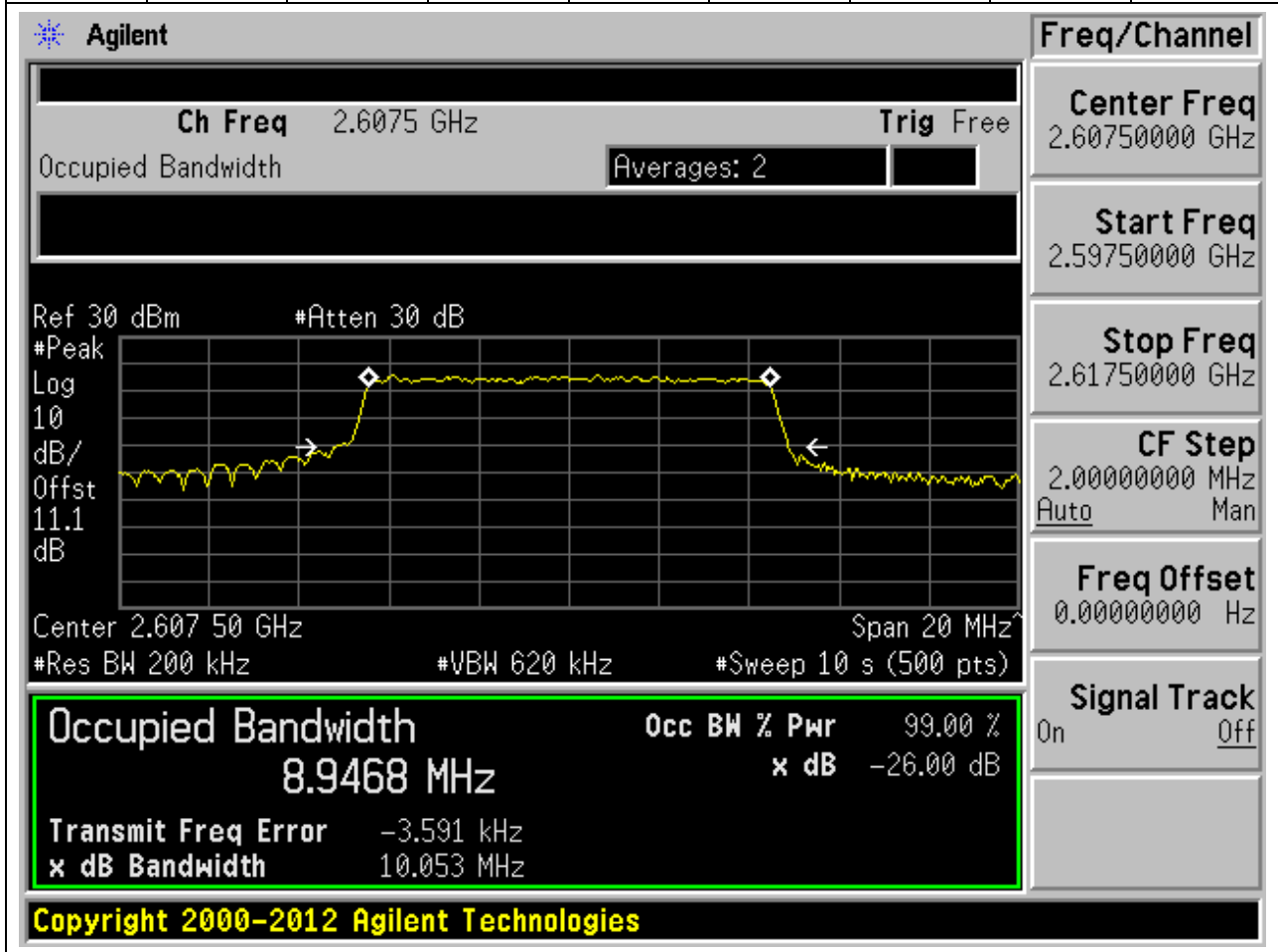
CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

18.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:40765, 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
2607.5	99	26	0.2	Peak	8.947	10.053	10	Pass



18.11. LTE Occupied Bandwidth(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	9.009	10.948	10	Pass

Agilent
Freq/Channel

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 10 s (500 pts)

Center Freq
2.65000000 GHz

Start Freq
2.64000000 GHz

Stop Freq
2.66000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

9.0089 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -22.228 kHz

x dB Bandwidth 10.948 MHz

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18.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:41190, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



18.13. LTE Occupied Bandwidth(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	13.494	15.069	15	Pass

Agilent

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.542 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
13.4939 MHz x dB -26.00 dB

Transmit Freq Error 27.642 kHz
 x dB Bandwidth 15.069 MHz

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Freq/Channel

Center Freq 2.54250000 GHz

Start Freq 2.52750000 GHz

Stop Freq 2.55750000 GHz

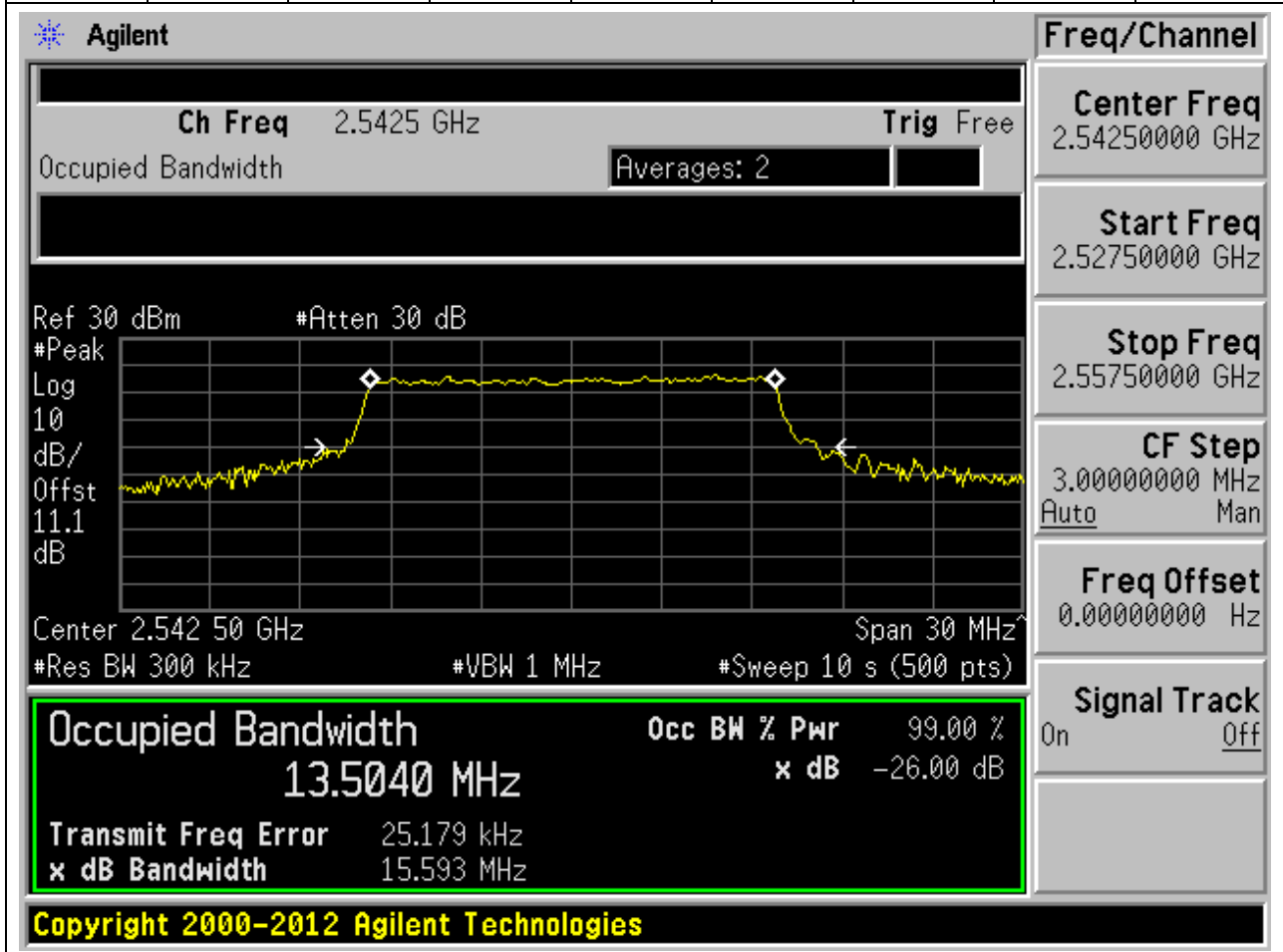
CF Step 3.00000000 MHz
 Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

18.14. LTE Occupied Bandwidth(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	13.504	15.593	15	Pass



18.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:40765, 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
2607.5	99	26	0.3	Peak	13.428	14.676	15	Pass

Agilent

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.607 50 GHz Span 30 MHz

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

Freq/Channel

Center Freq 2.60750000 GHz

Start Freq 2.59250000 GHz

Stop Freq 2.62250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4276 MHz

x dB -26.00 dB

Transmit Freq Error 2.237 kHz

x dB Bandwidth 14.676 MHz

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18.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:40765, 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
2607.5	99	26	0.3	Peak	13.504	15.032	15	Pass

Agilent
Freq/Channel

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq 2.60750000 GHz

Start Freq 2.59250000 GHz

Stop Freq 2.62250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 30 dBm #Atten 30 dB

Center 2.607 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.5043 MHz x dB -26.00 dB

Transmit Freq Error 11.754 kHz

x dB Bandwidth 15.032 MHz

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18.17. LTE Occupied Bandwidth(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	13.454	15.923	15	Pass

Agilent
Freq/Channel

Ch Freq 2.6475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.647 50 GHz Span 30 MHz

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

Center Freq
2.64750000 GHz

Start Freq
2.63250000 GHz

Stop Freq
2.66250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.4536 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

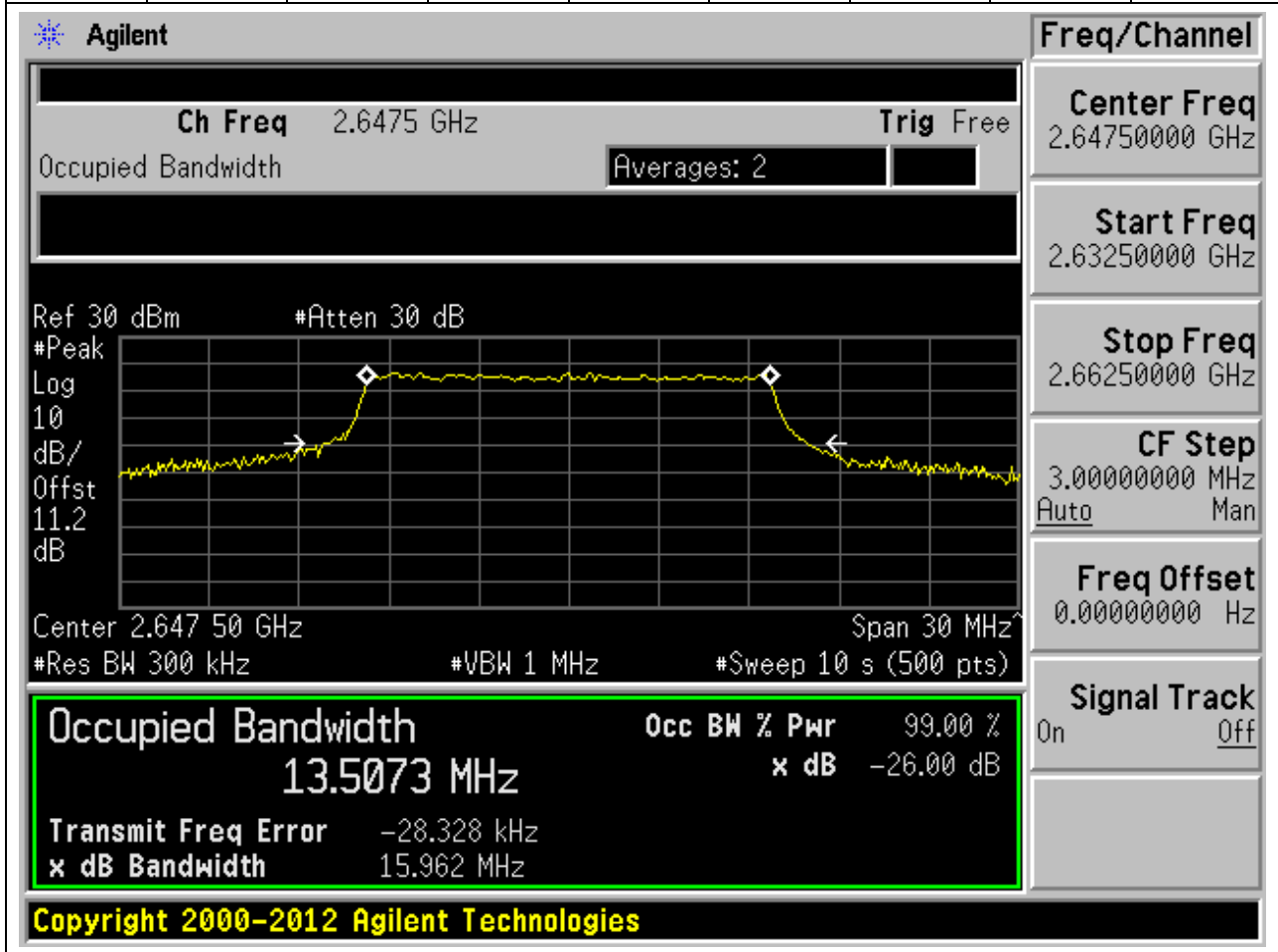
Transmit Freq Error -25.246 kHz

x dB Bandwidth 15.923 MHz

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18.18. LTE Occupied Bandwidth(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	13.507	15.962	15	Pass



18.19. LTE Occupied Bandwidth(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	17.976	19.353	20	Pass

Agilent

Ch Freq 2.545 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.545 00 GHz Span 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9763 MHz x dB -26.00 dB

Transmit Freq Error 11.380 kHz

x dB Bandwidth 19.353 MHz

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Freq/Channel

Center Freq 2.54500000 GHz

Start Freq 2.52500000 GHz

Stop Freq 2.56500000 GHz

CF Step 4.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

18.20. LTE Occupied Bandwidth(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	17.928	19.486	20	Pass

Agilent
Freq/Channel

Ch Freq 2.545 GHz **Trig** Free

Occupied Bandwidth Averages: 2

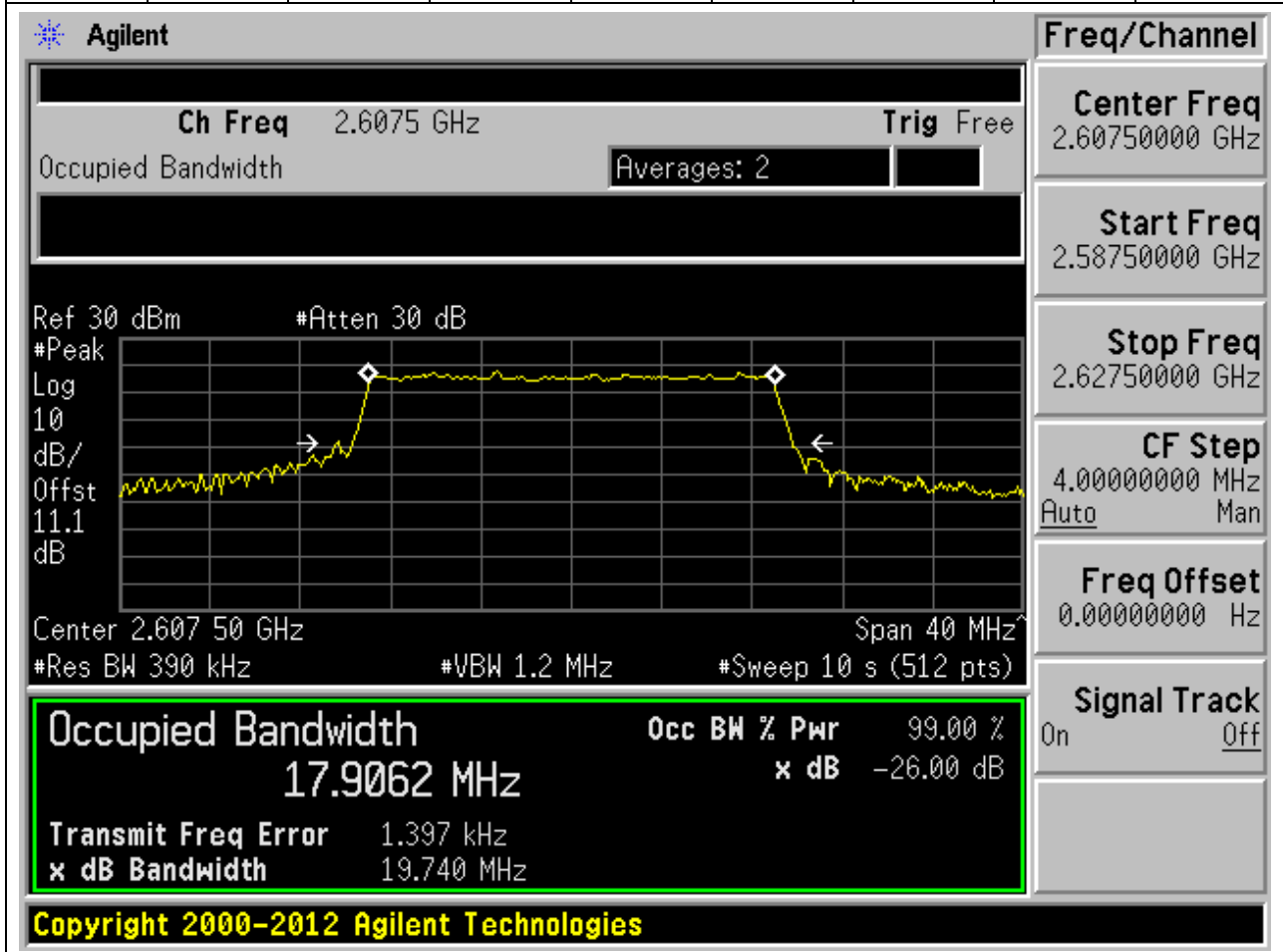
Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9282 MHz	x dB	-26.00 dB
Transmit Freq Error	24.035 kHz	
x dB Bandwidth	19.486 MHz	

Start Freq	2.52500000 GHz
Stop Freq	2.56500000 GHz
CF Step	4.00000000 MHz
	Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

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18.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:40765, 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
2607.5	99	26	0.39	Peak	17.906	19.74	20	Pass



18.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40765, 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
2607.5	99	26	0.39	Peak	17.932	20.827	20	Pass

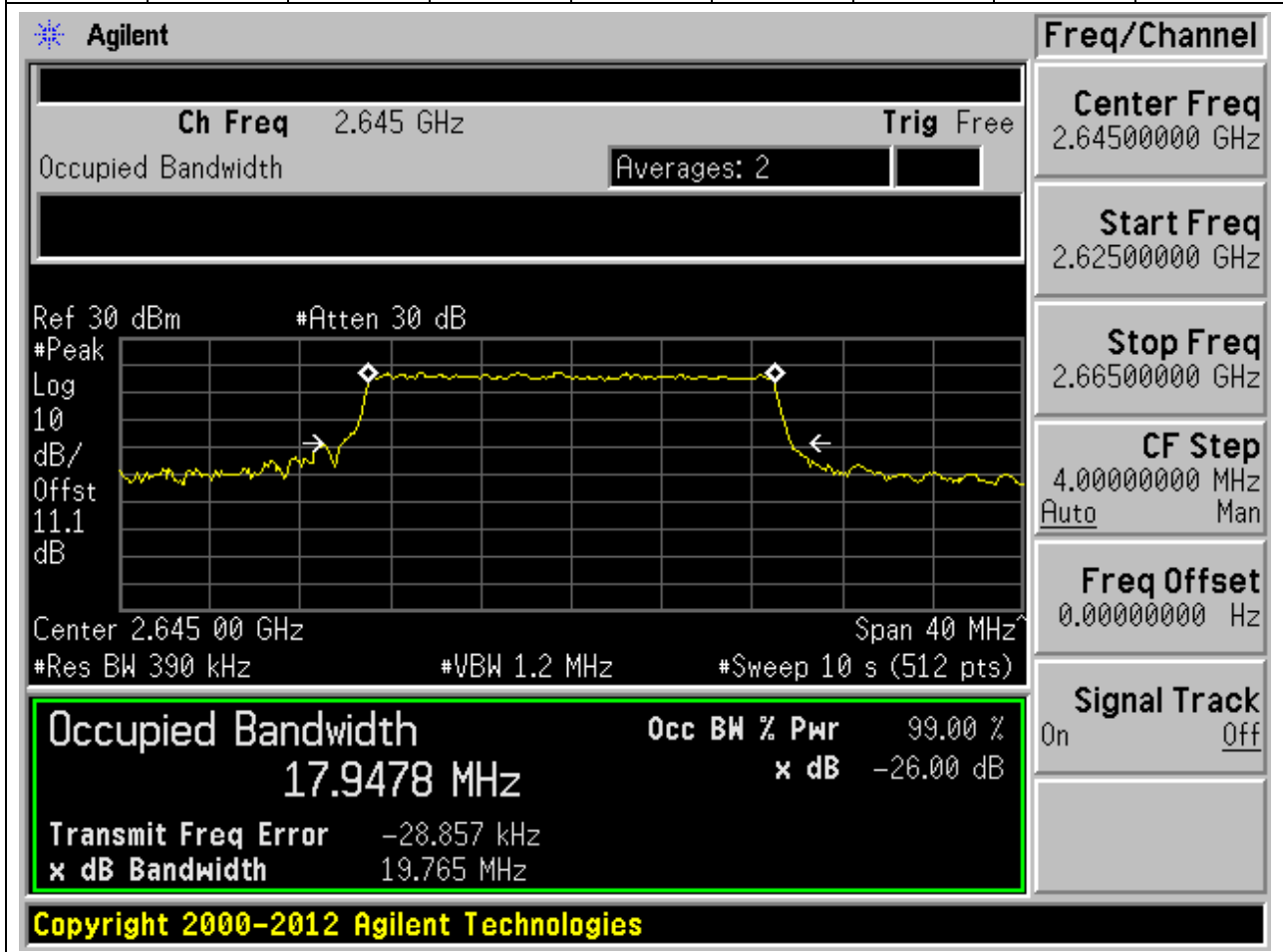
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.6075 GHz. The occupied bandwidth is 17.9322 MHz, which is 99.00% of the 20.827 MHz bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -14.337 kHz. The interface includes various control panels and a data summary table.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
17.9322 MHz		x dB	-26.00 dB
Transmit Freq Error		-14.337 kHz	
x dB Bandwidth		20.827 MHz	

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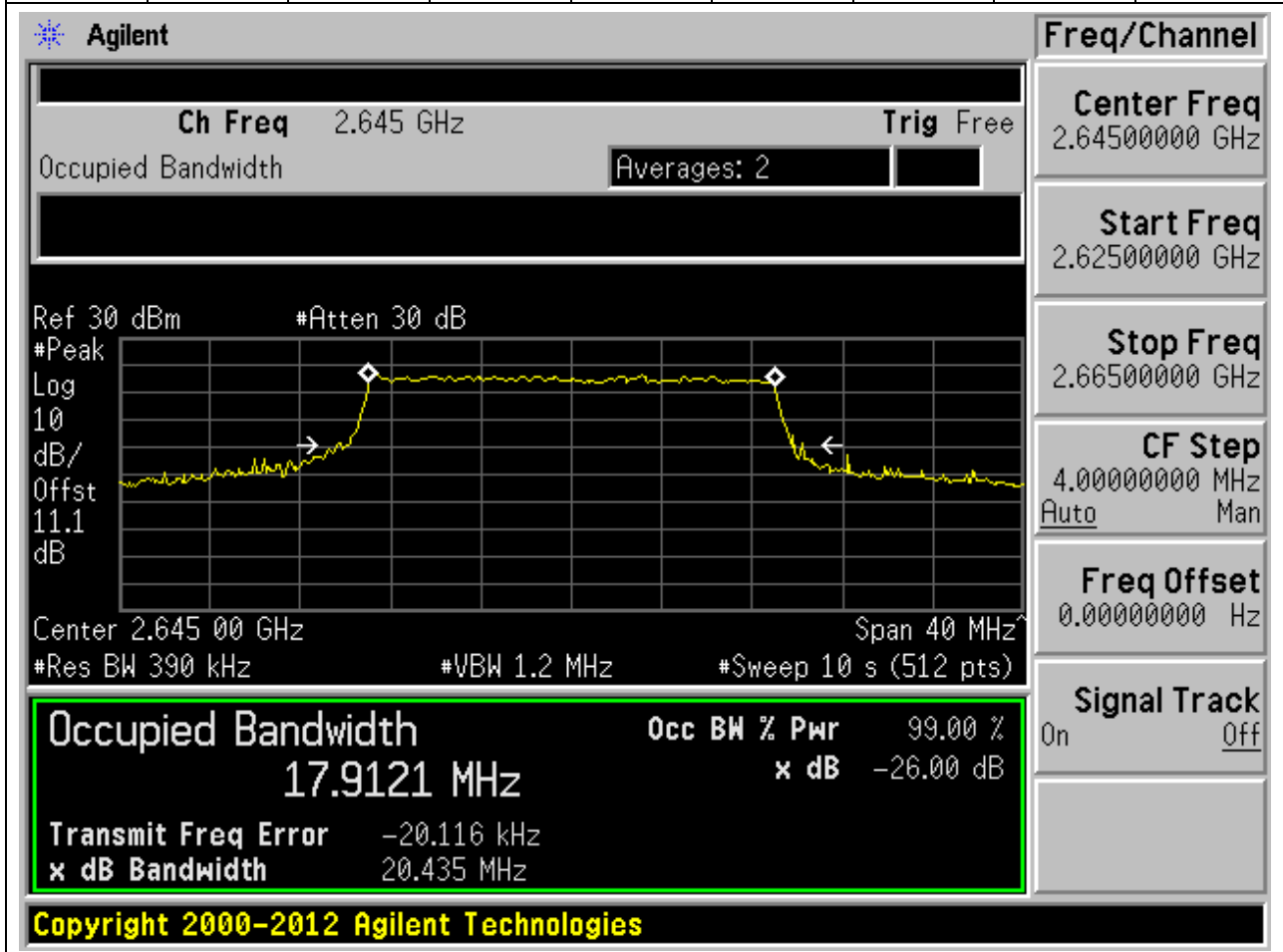
18.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:41140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.948	19.765	20	Pass



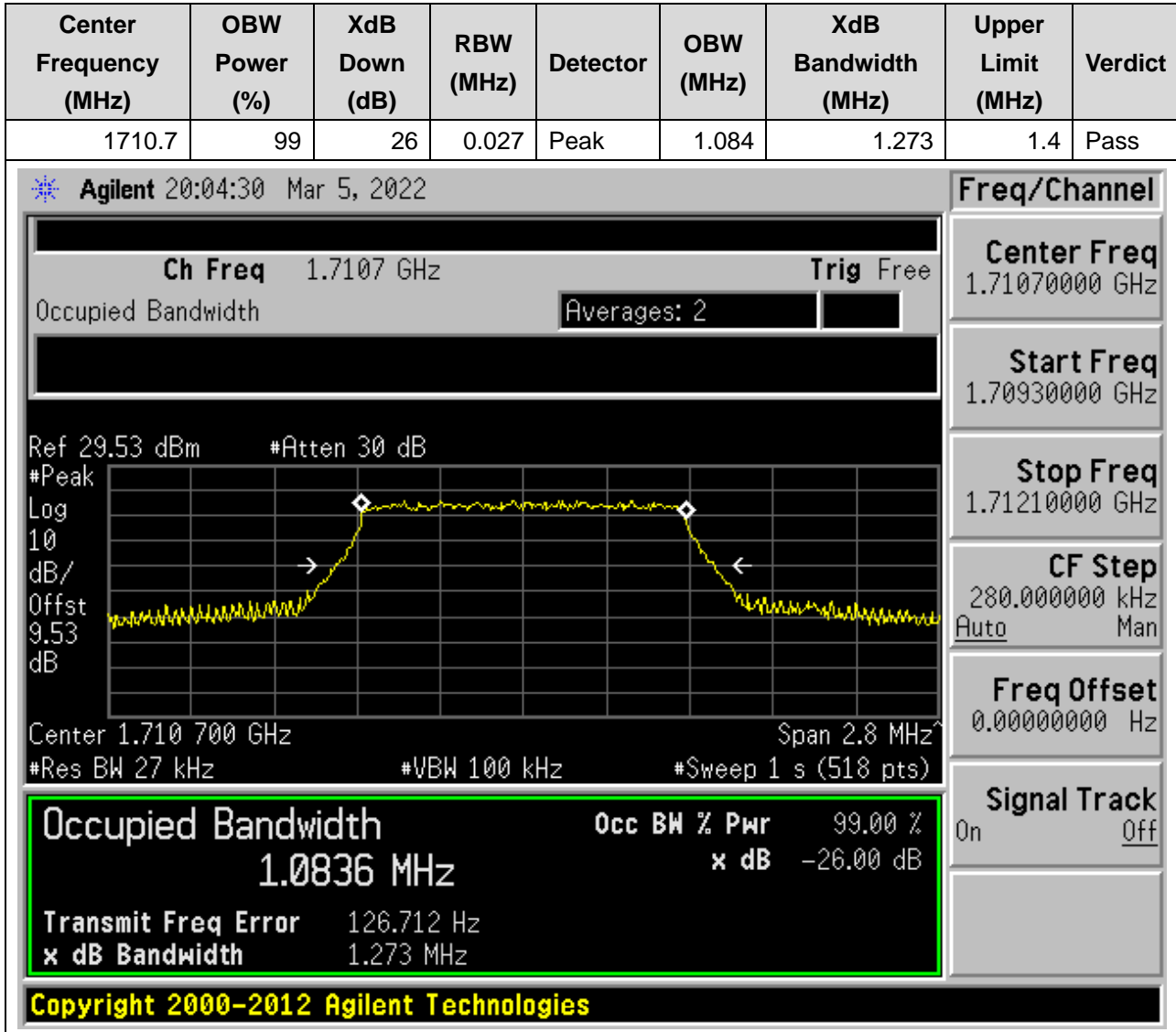
18.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:41140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.912	20.435	20	Pass



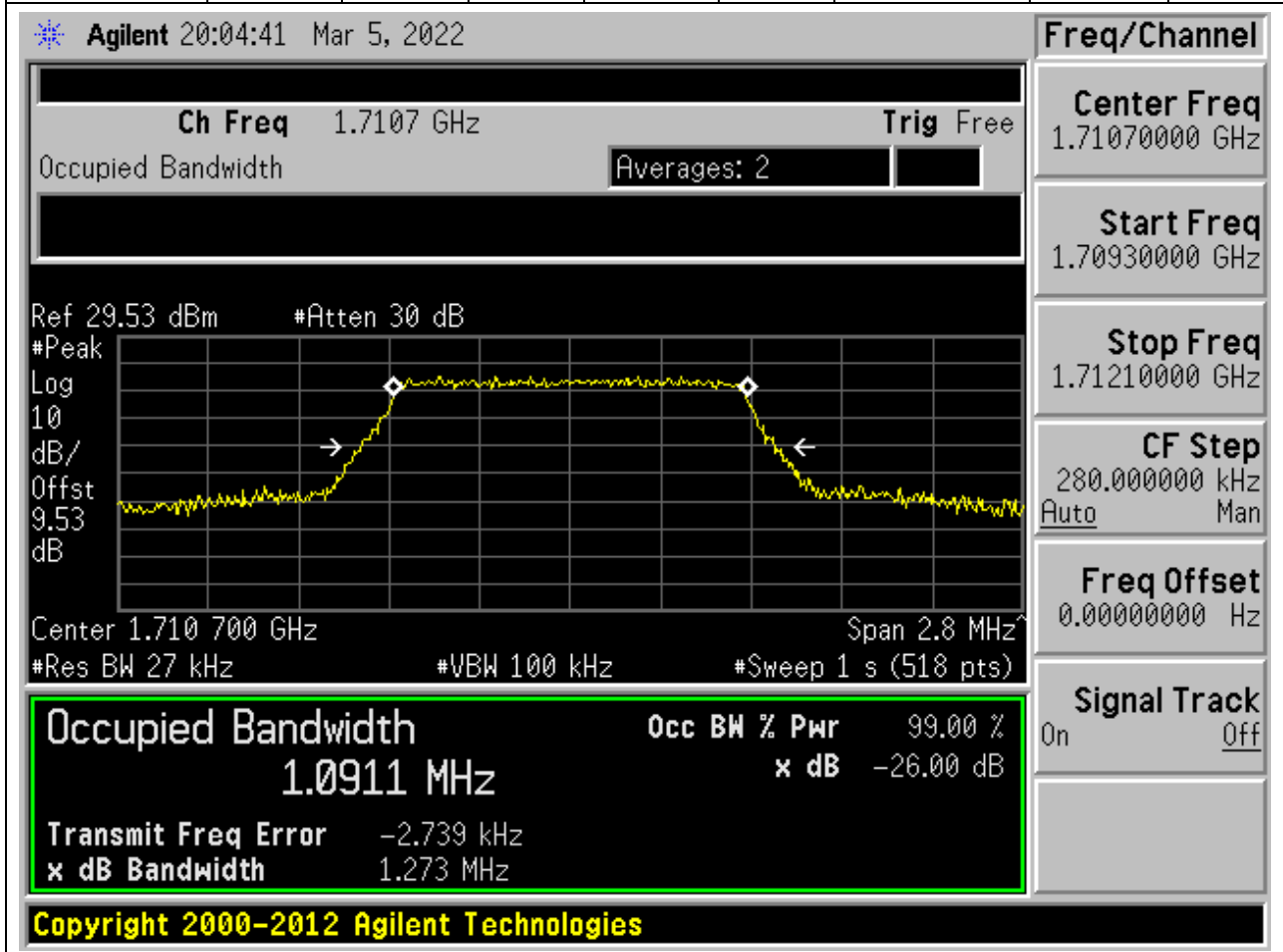
19. LTE_Band66

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



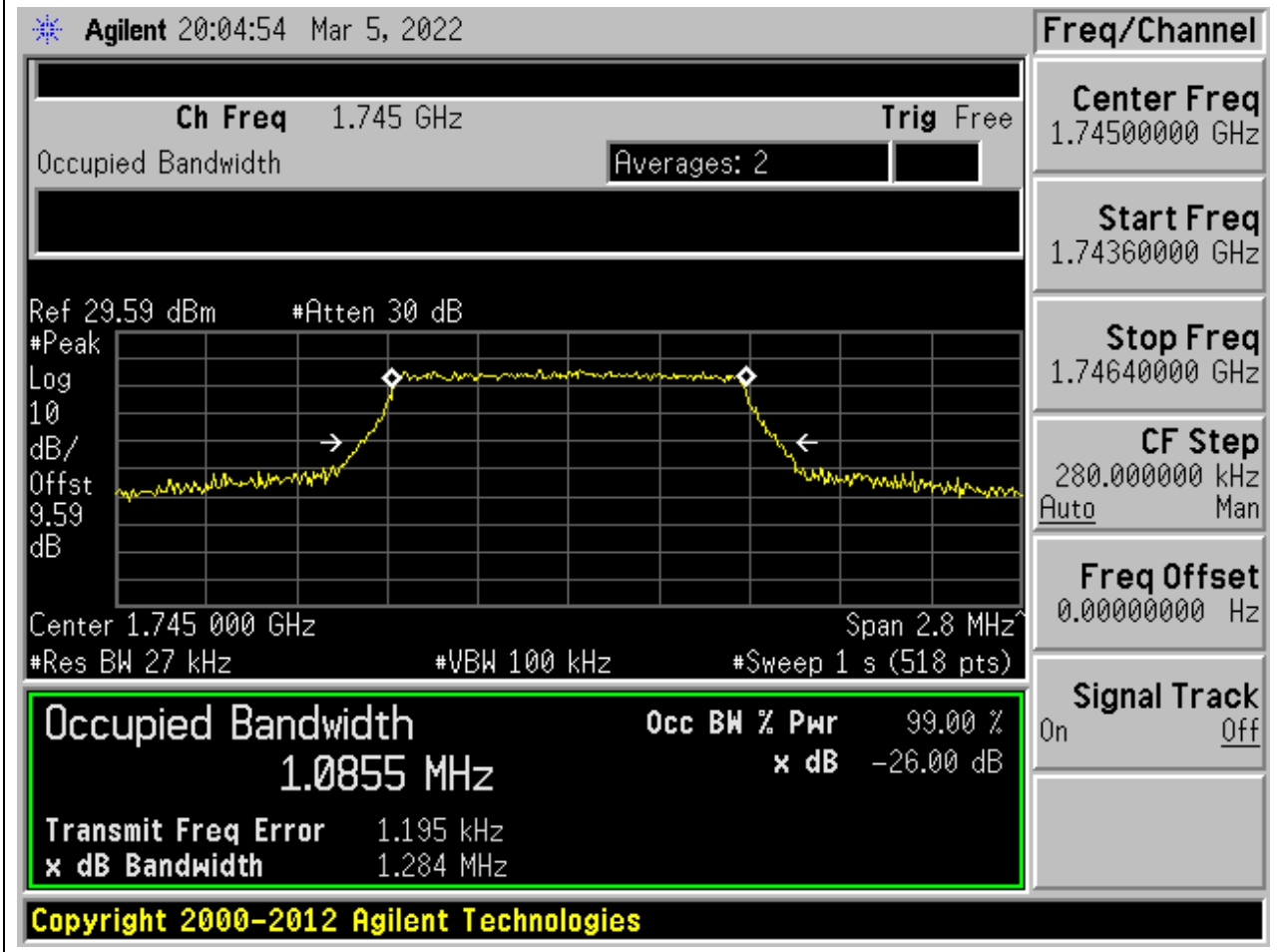
19.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.091	1.273	1.4	Pass

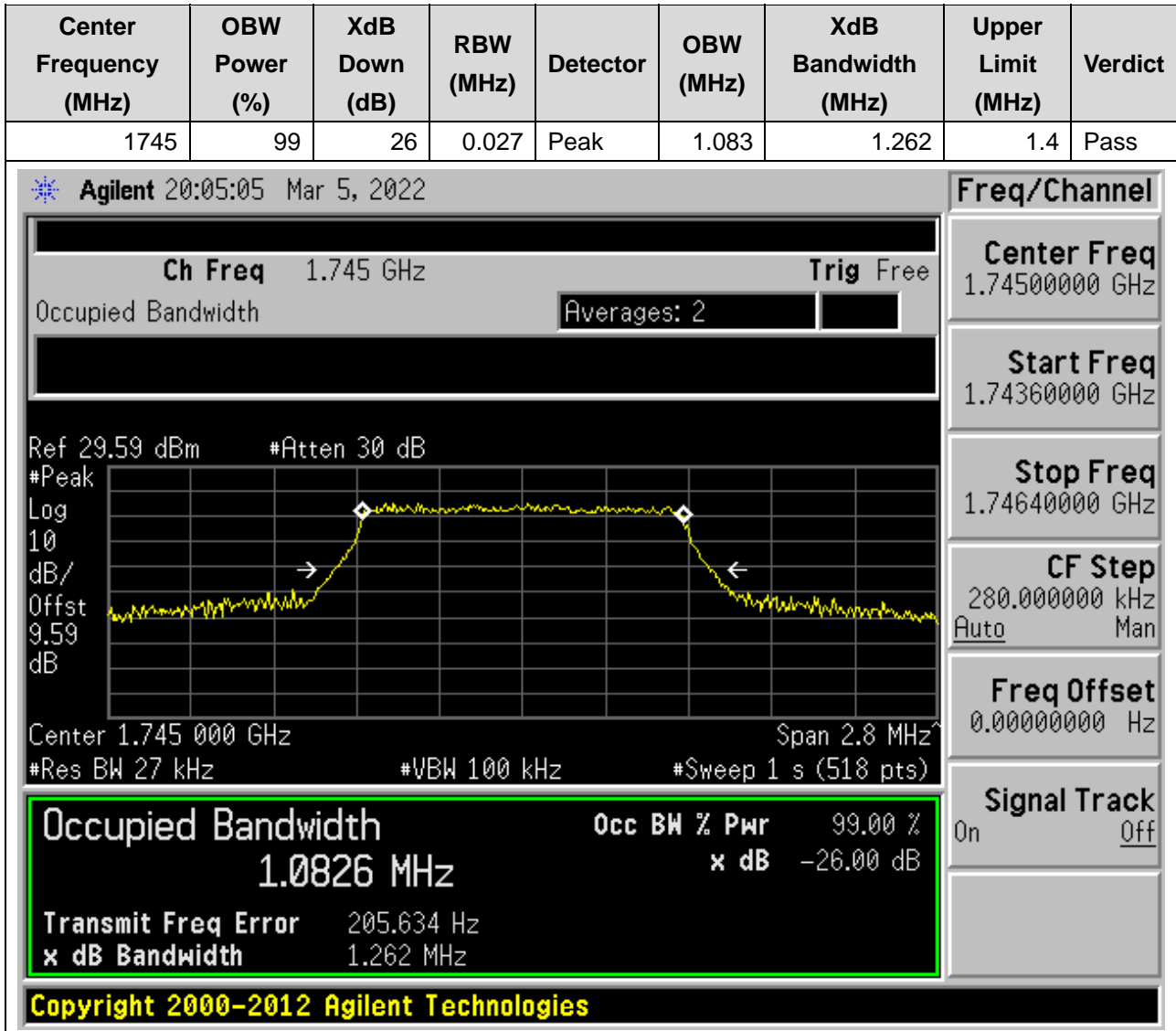


19.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.085	1.284	1.4	Pass

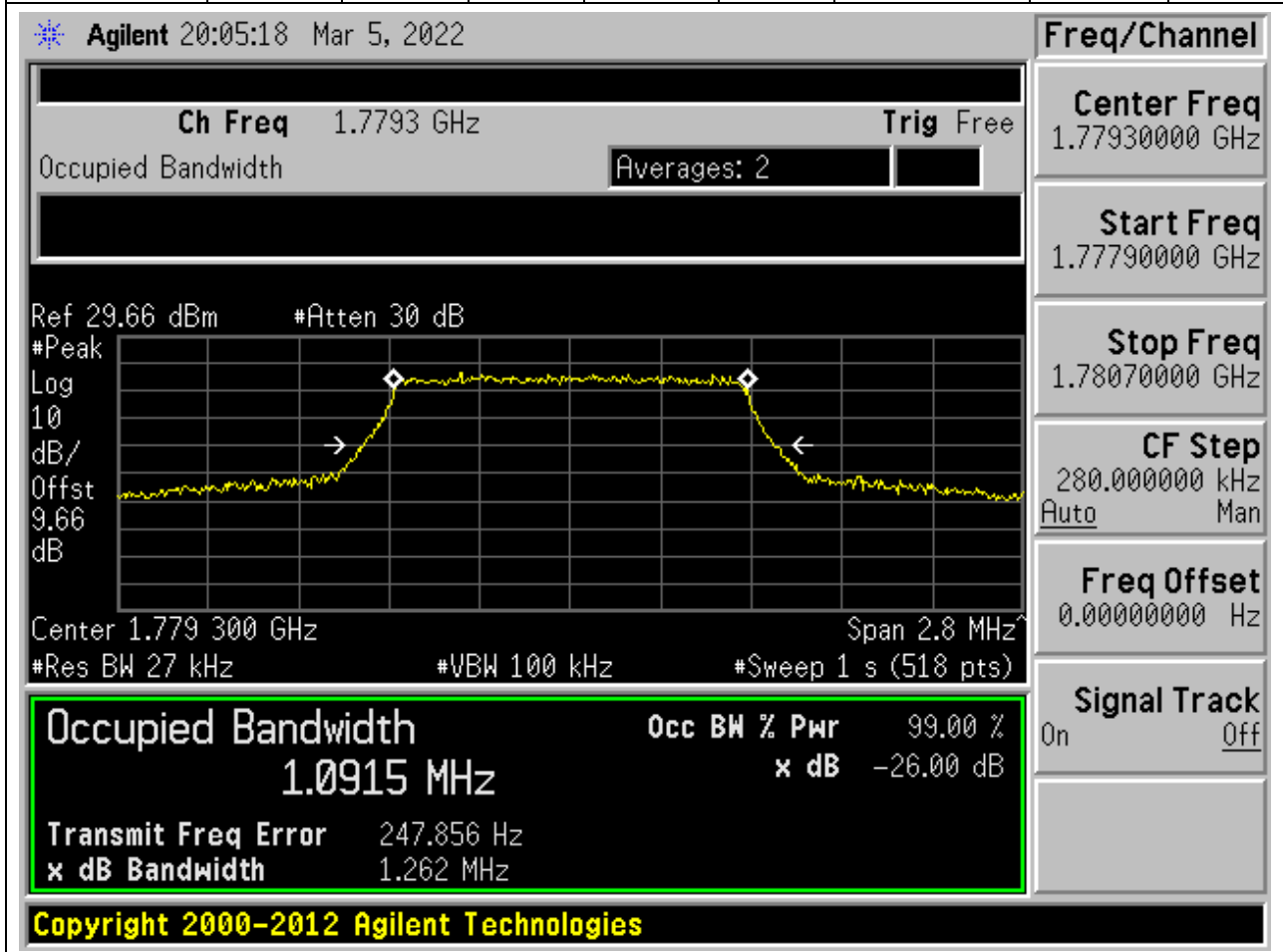


19.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



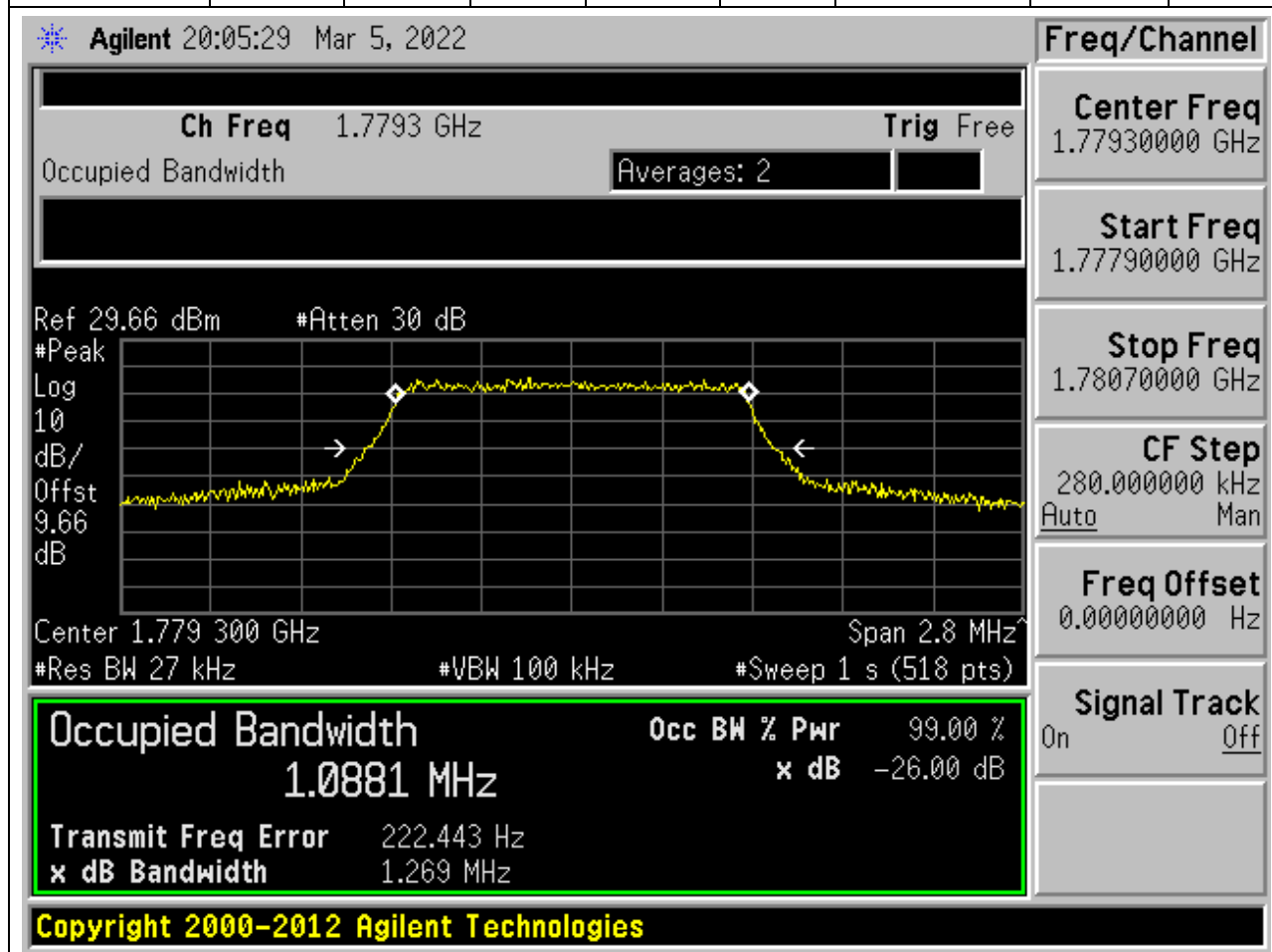
19.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.092	1.262	1.4	Pass

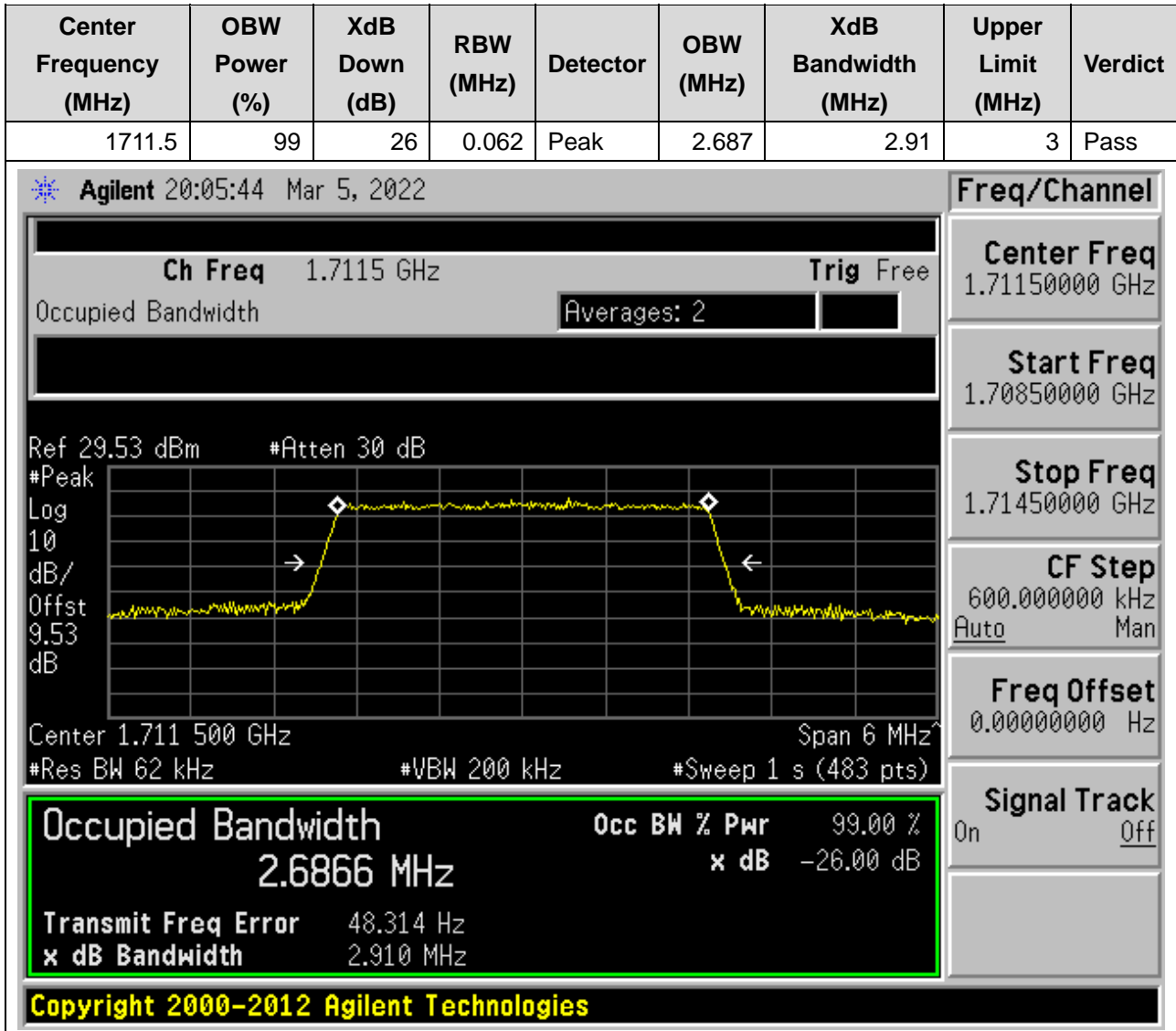


19.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

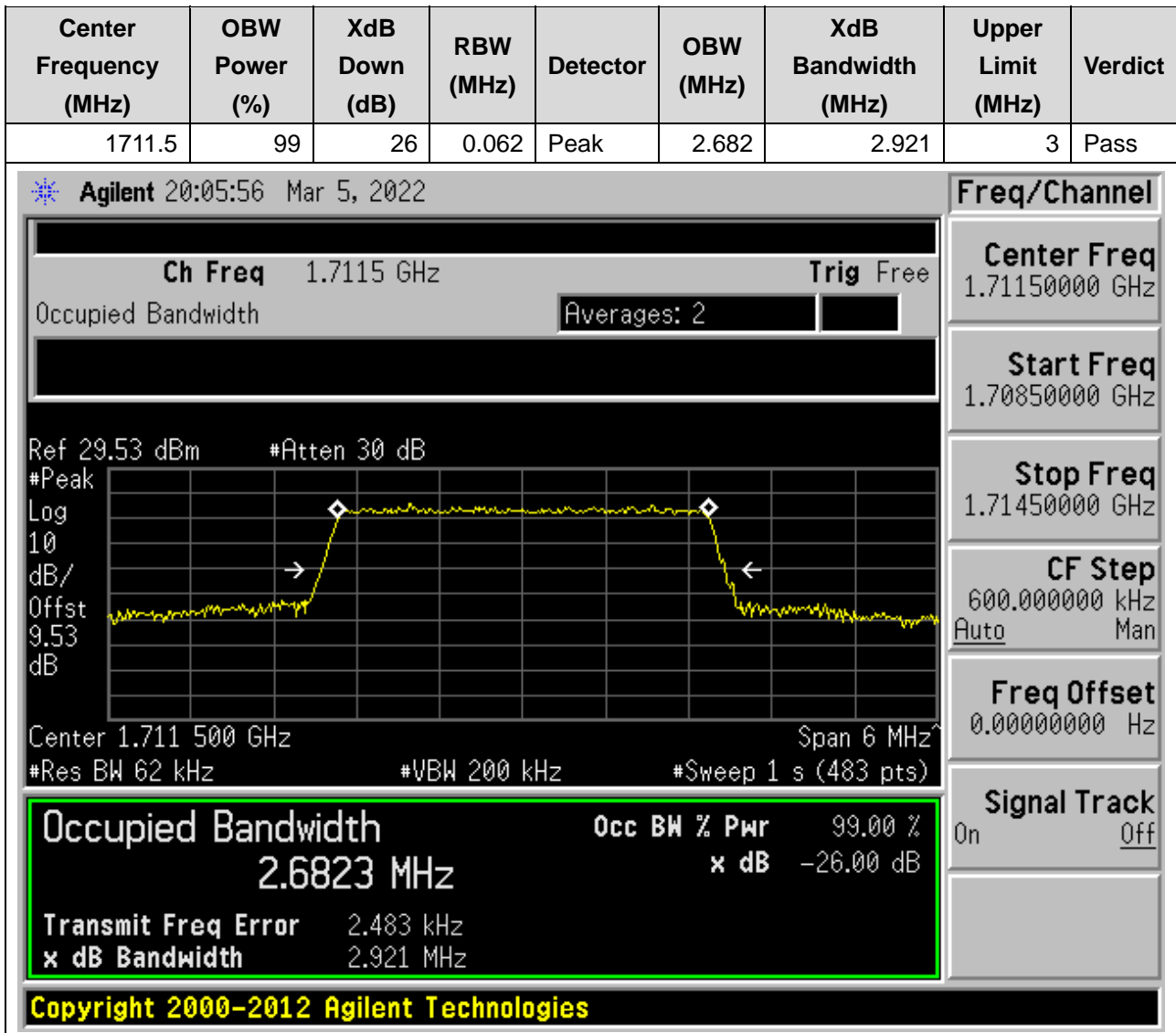
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.088	1.269	1.4	Pass



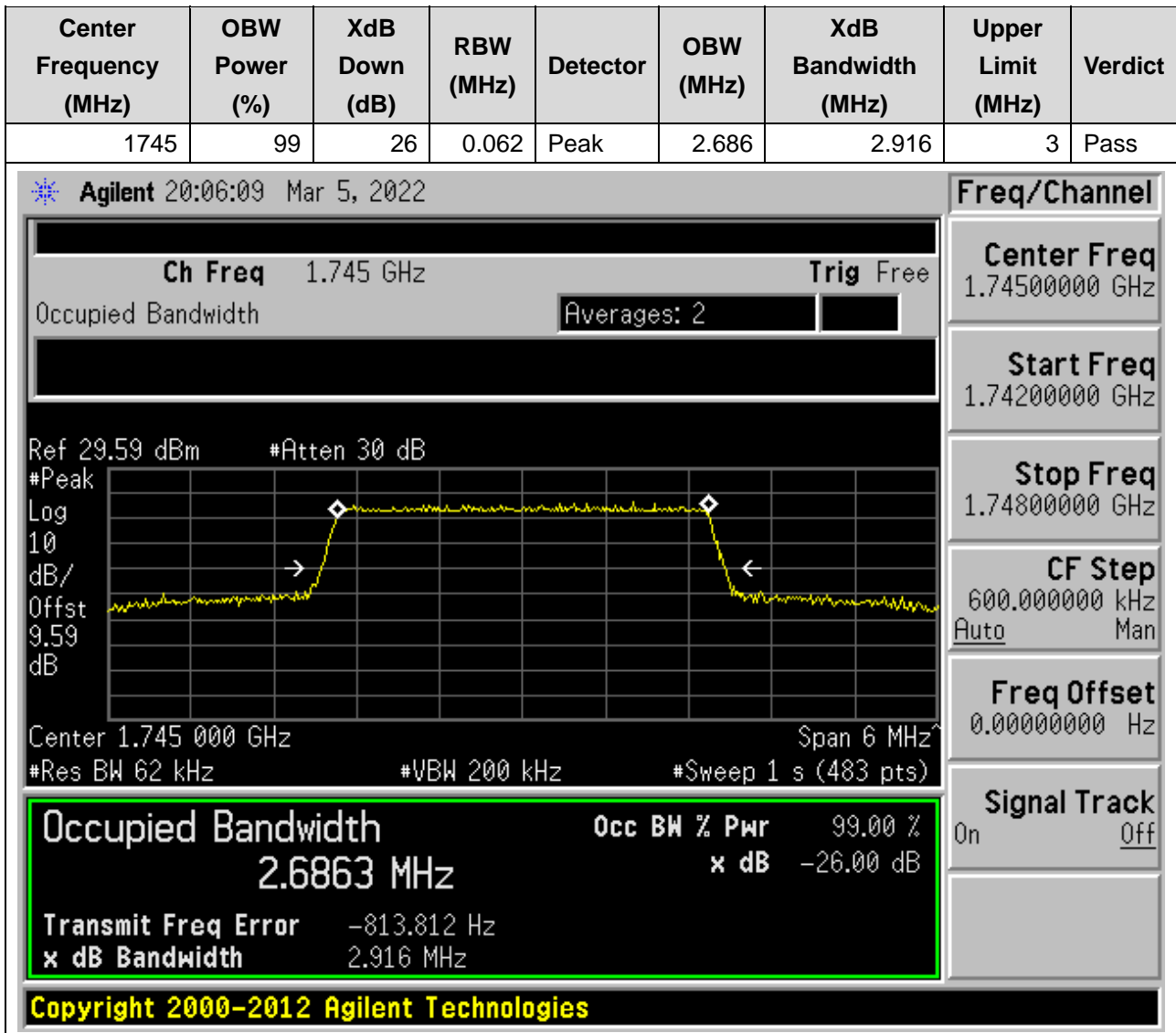
19.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



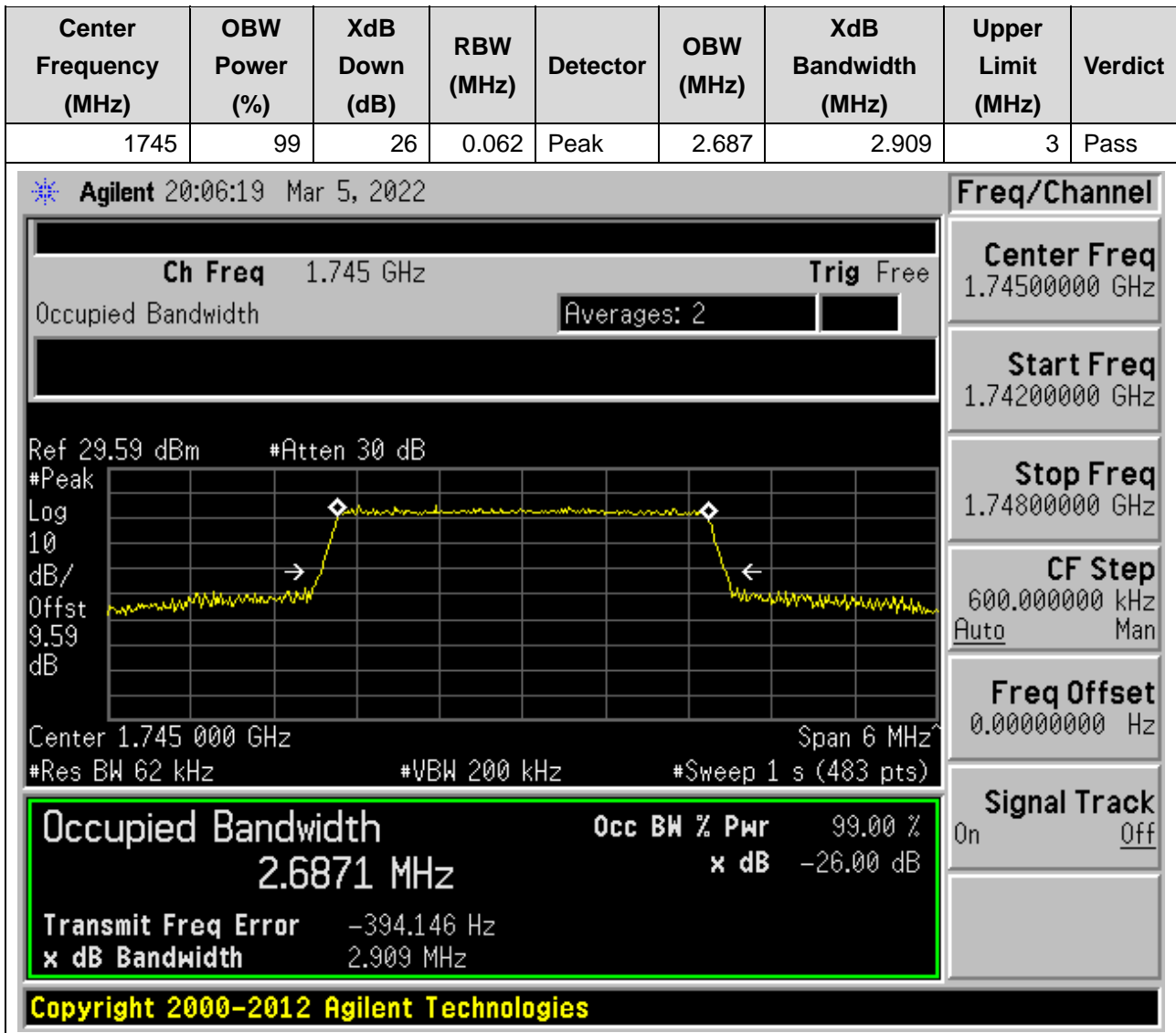
19.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



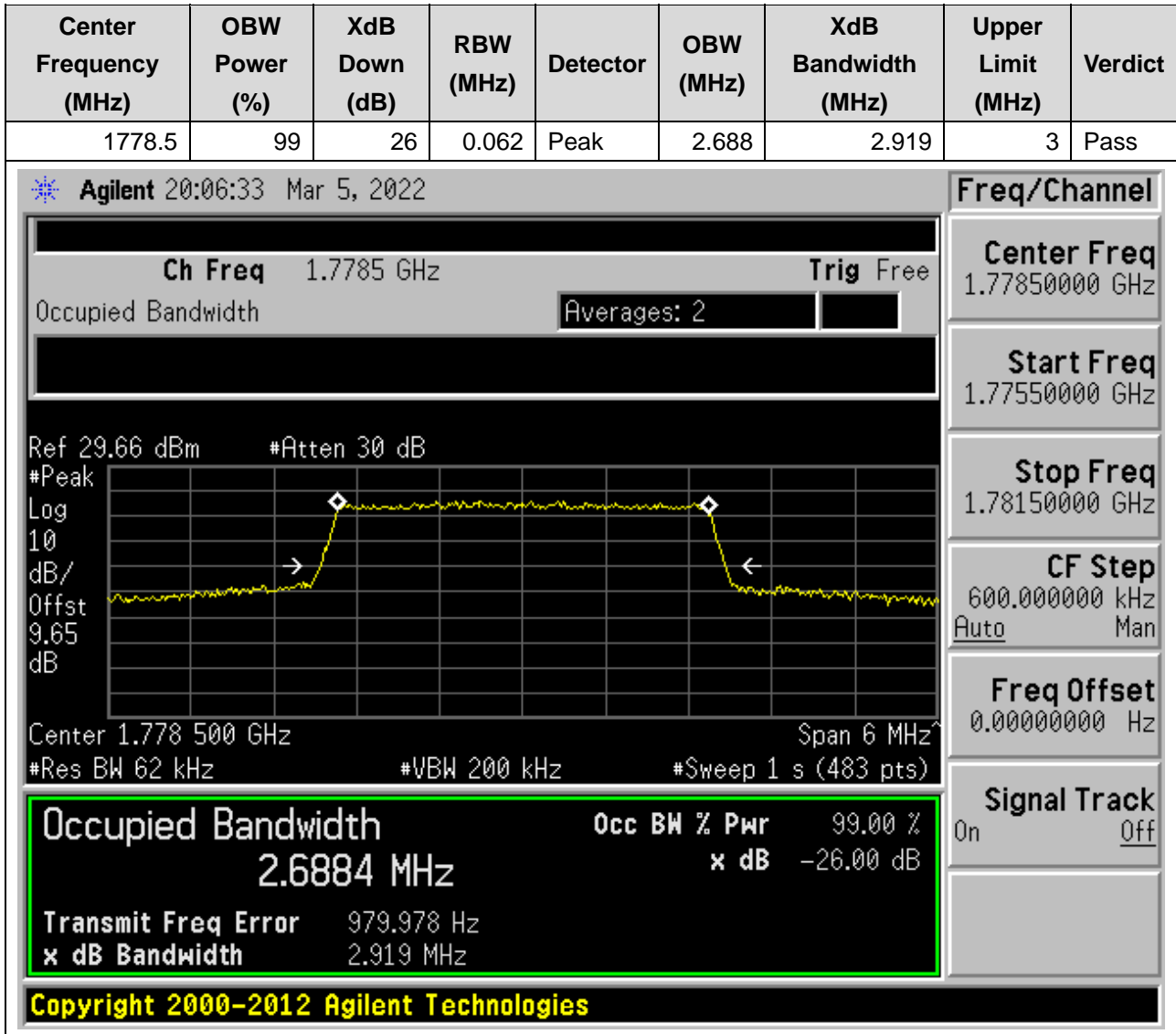
19.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



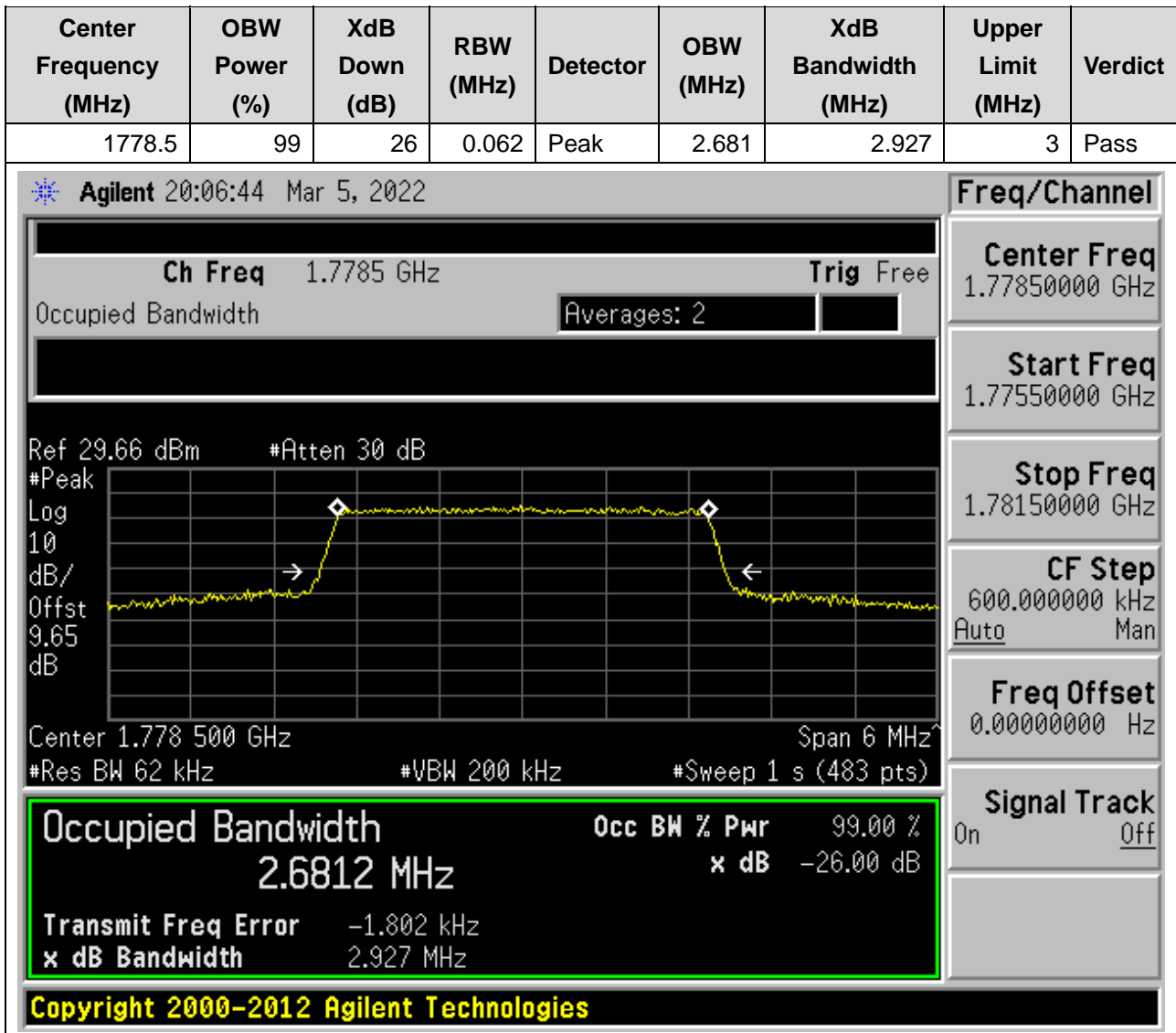
19.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



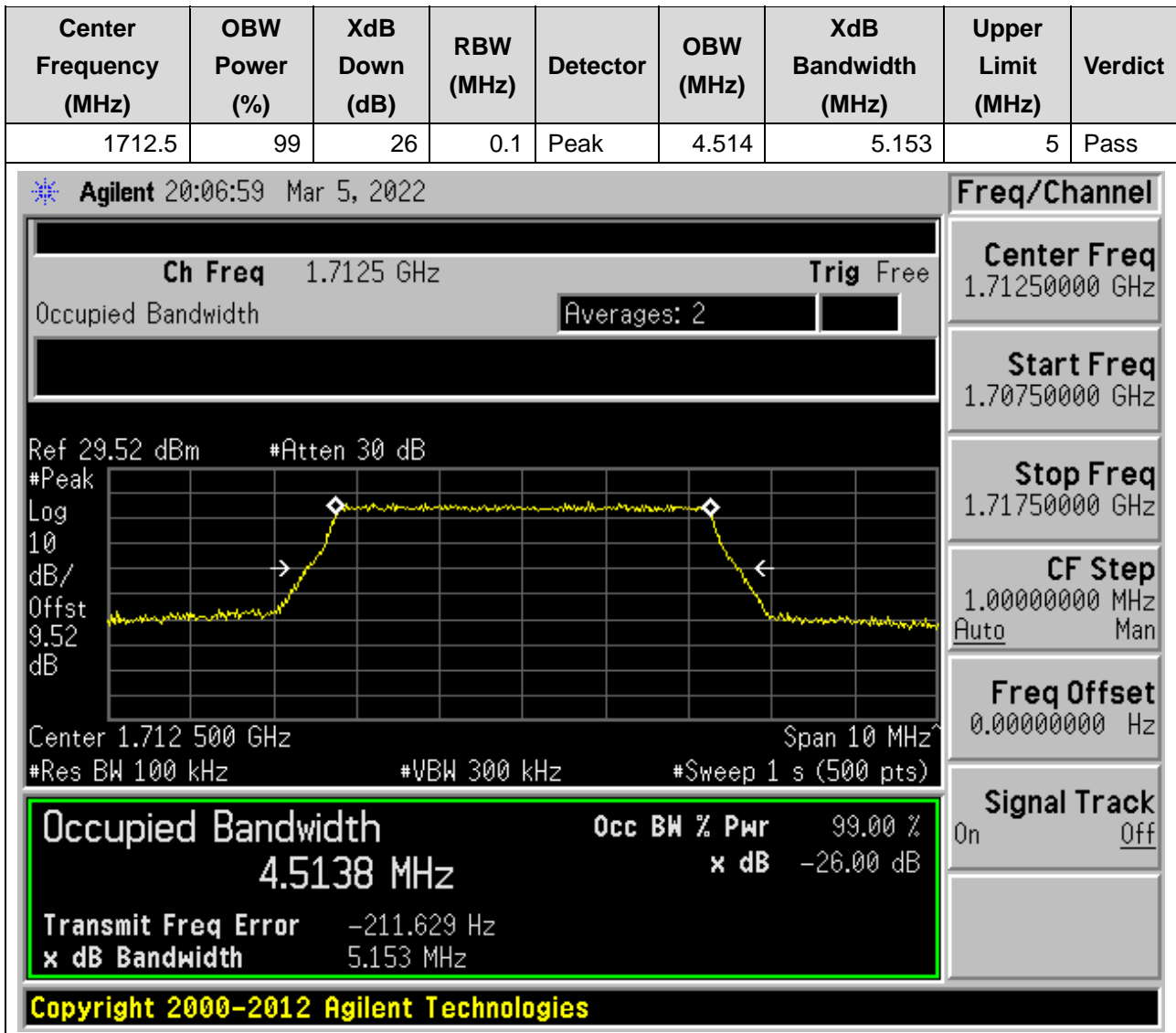
19.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



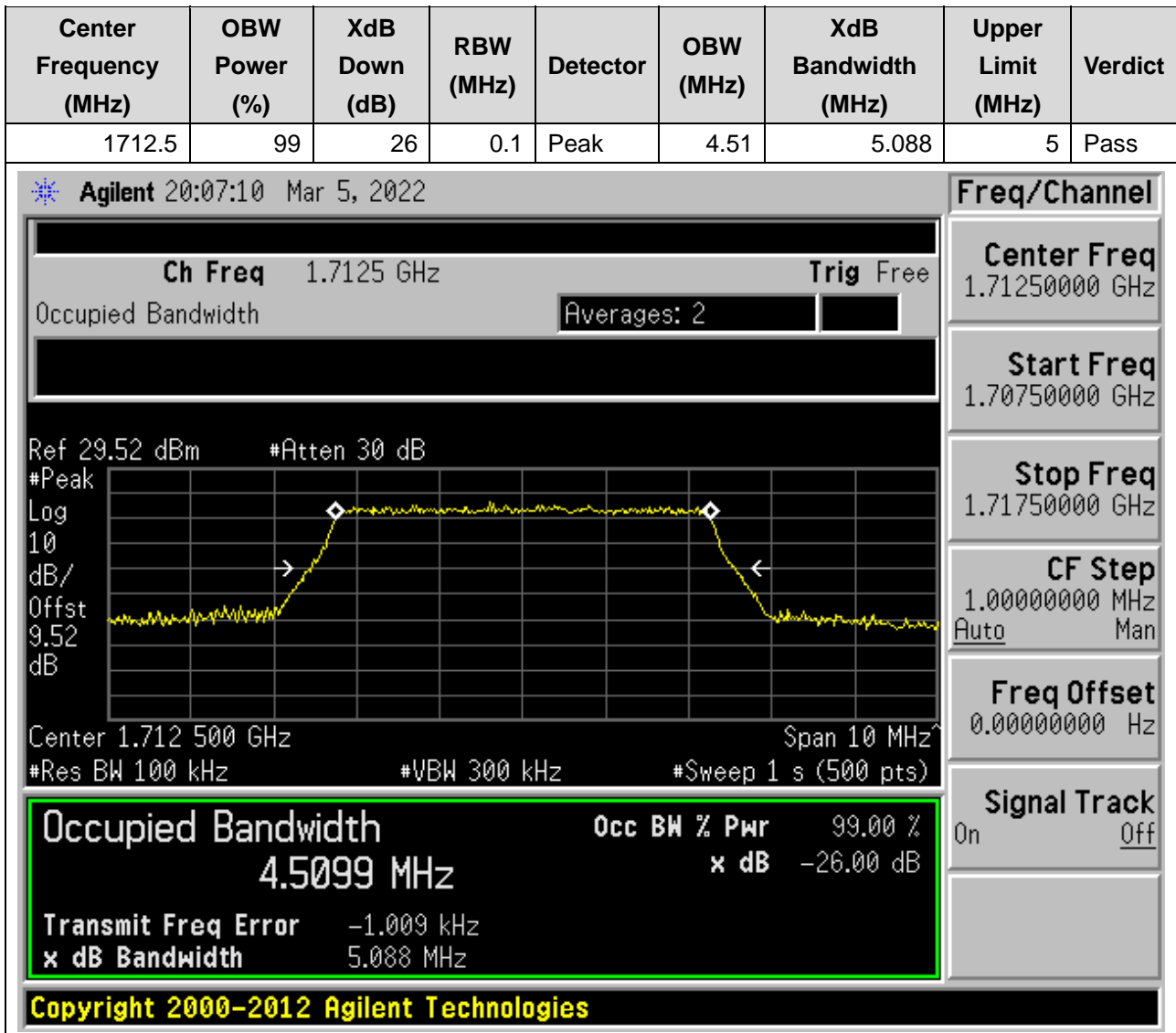
19.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



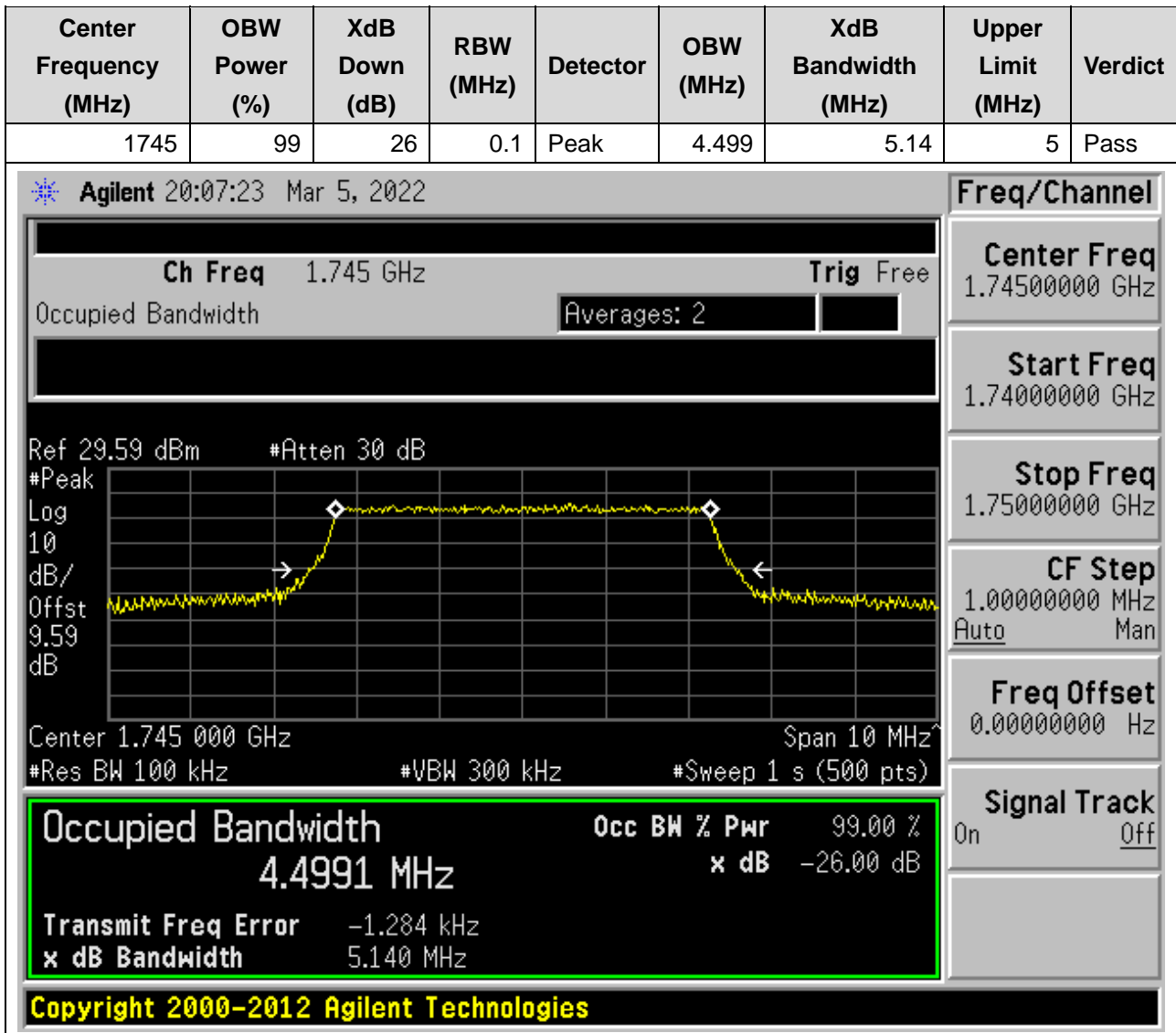
19.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



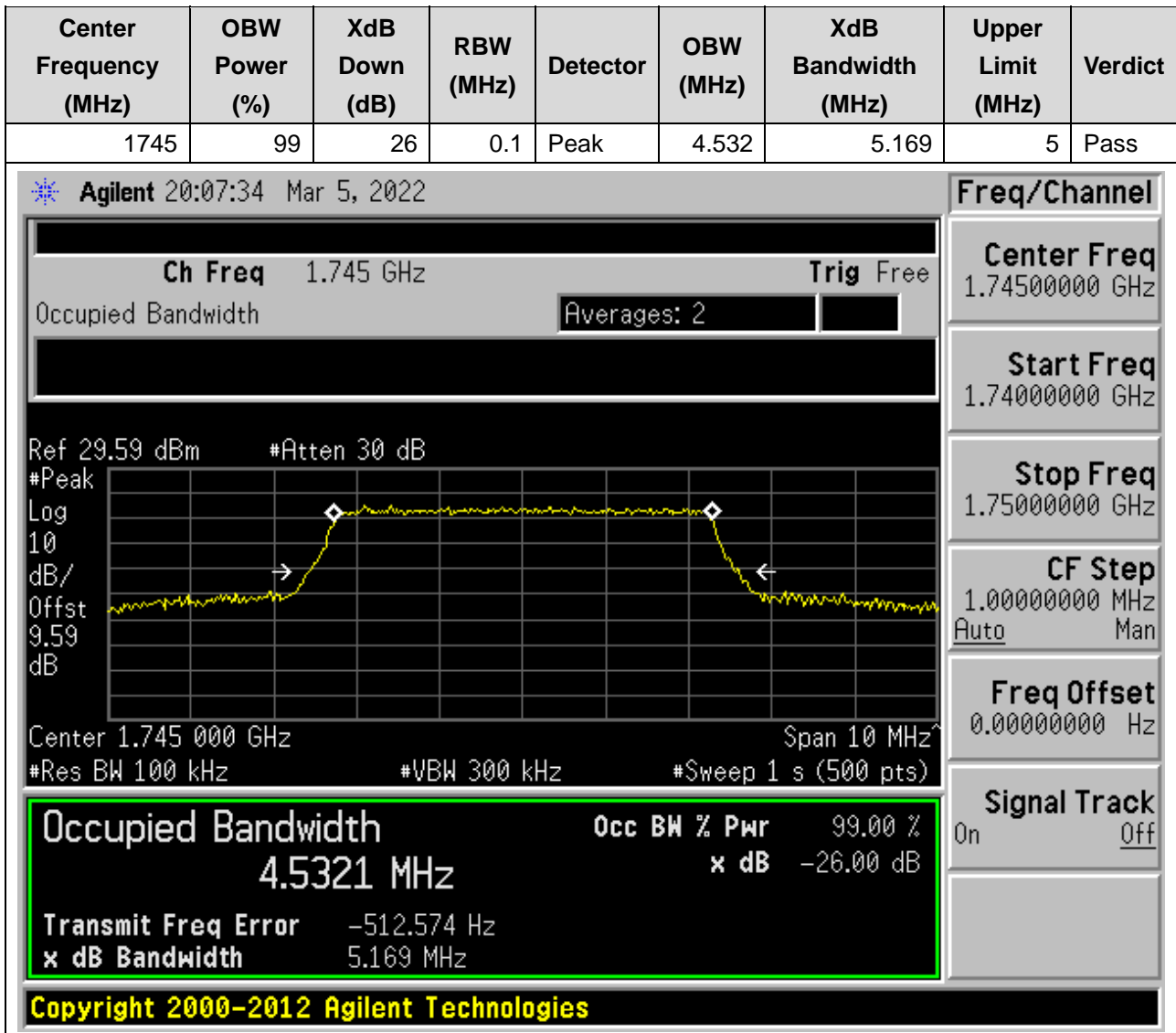
19.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



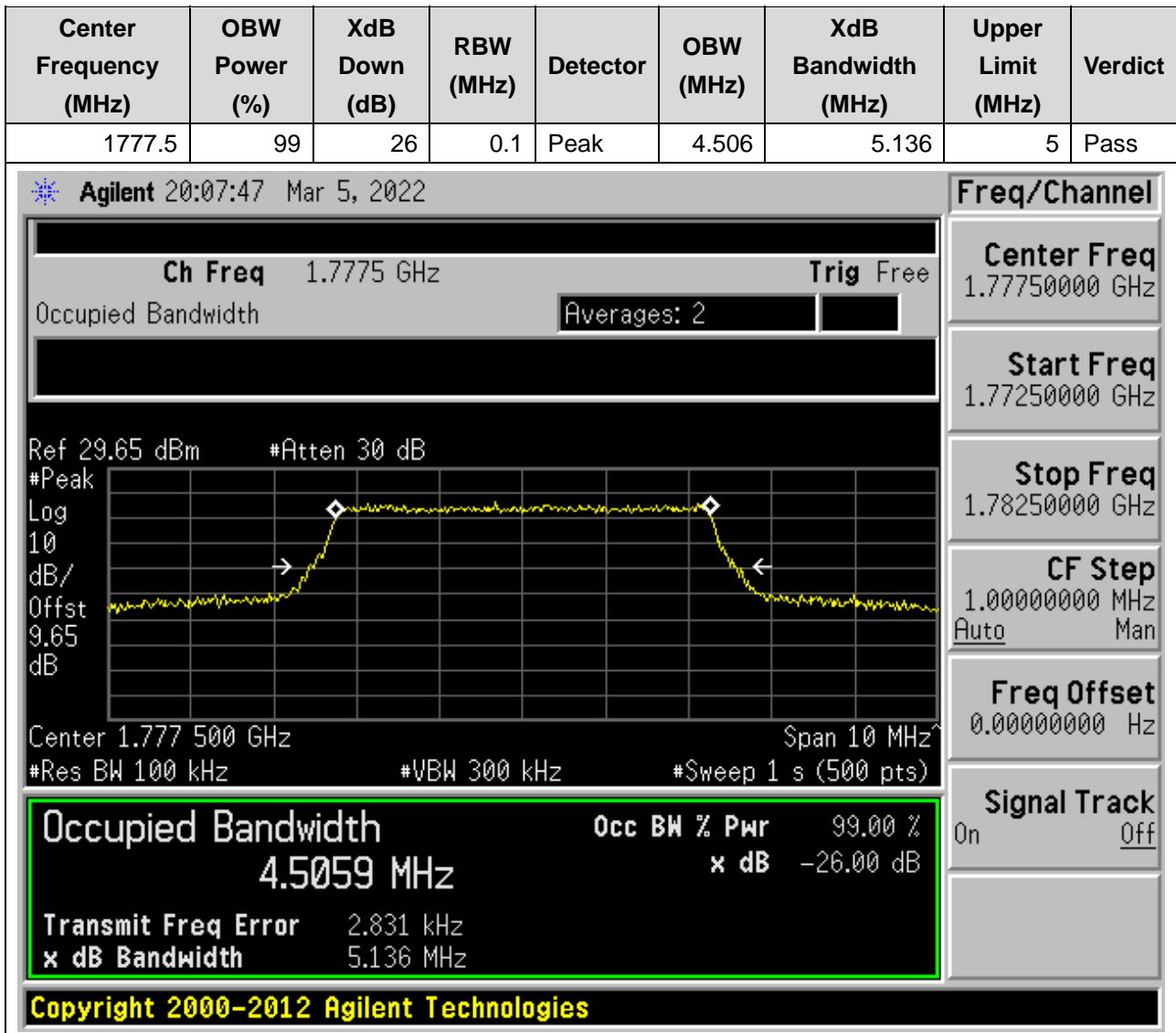
19.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



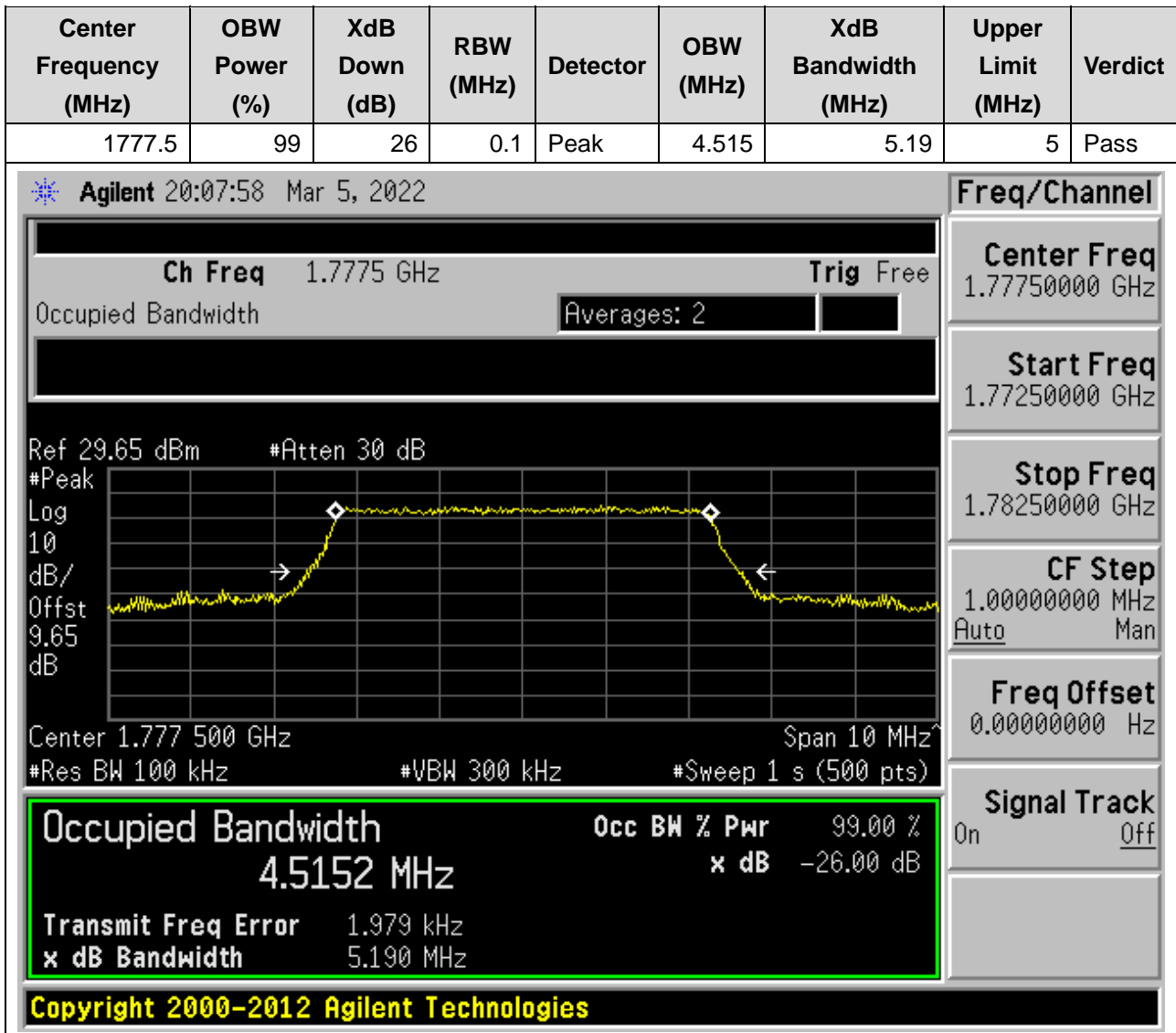
19.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



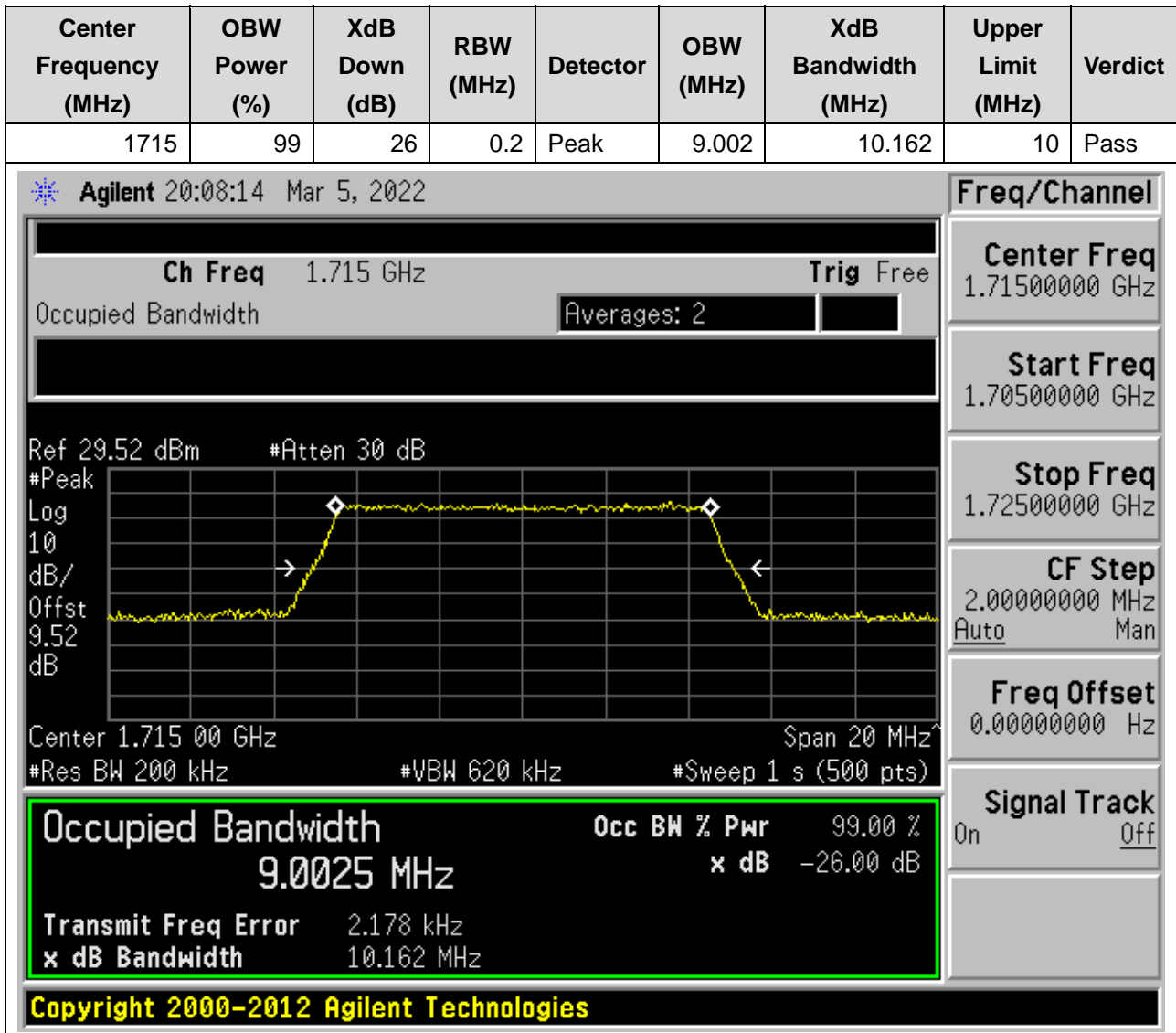
19.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



19.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

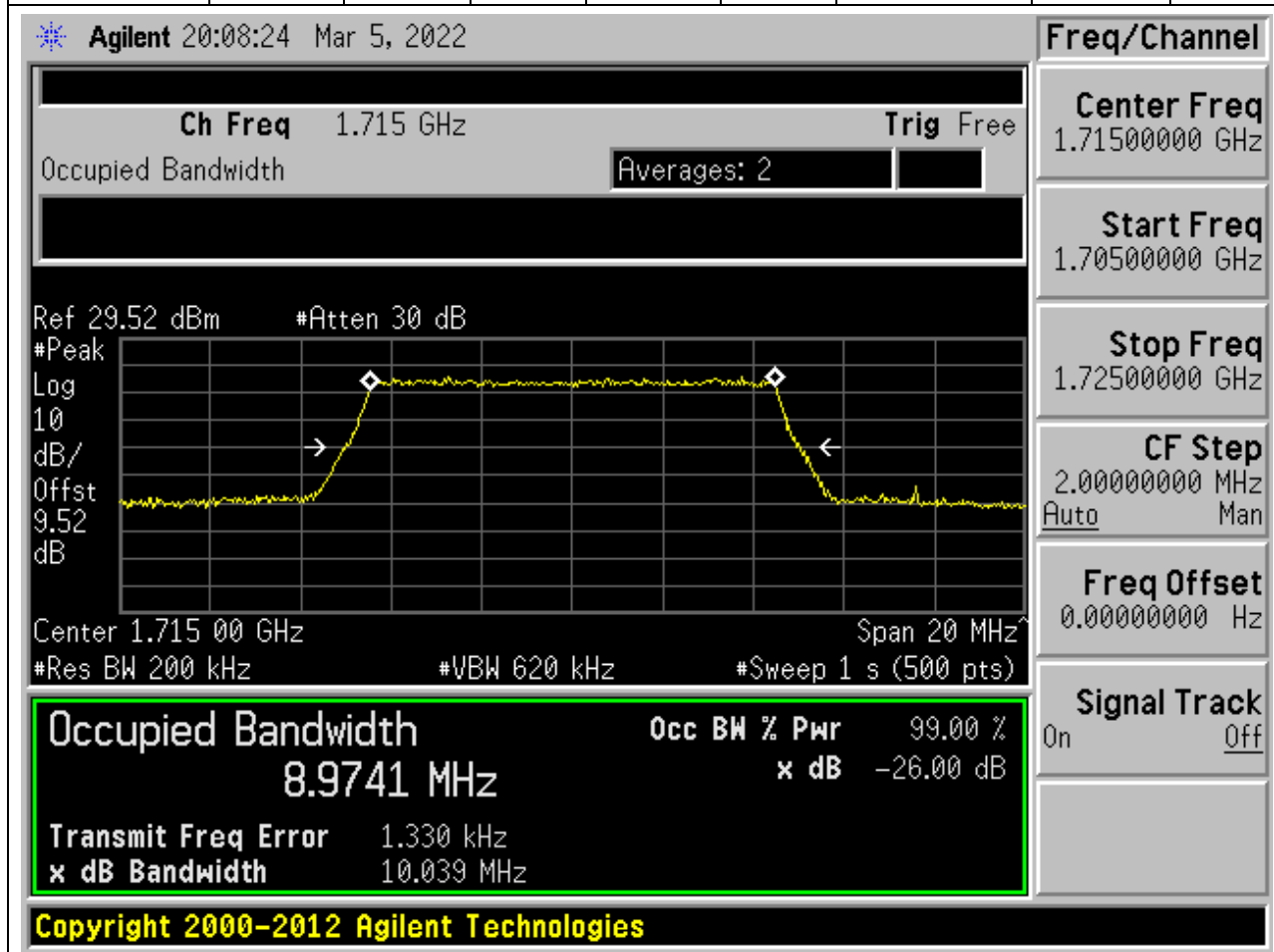


19.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



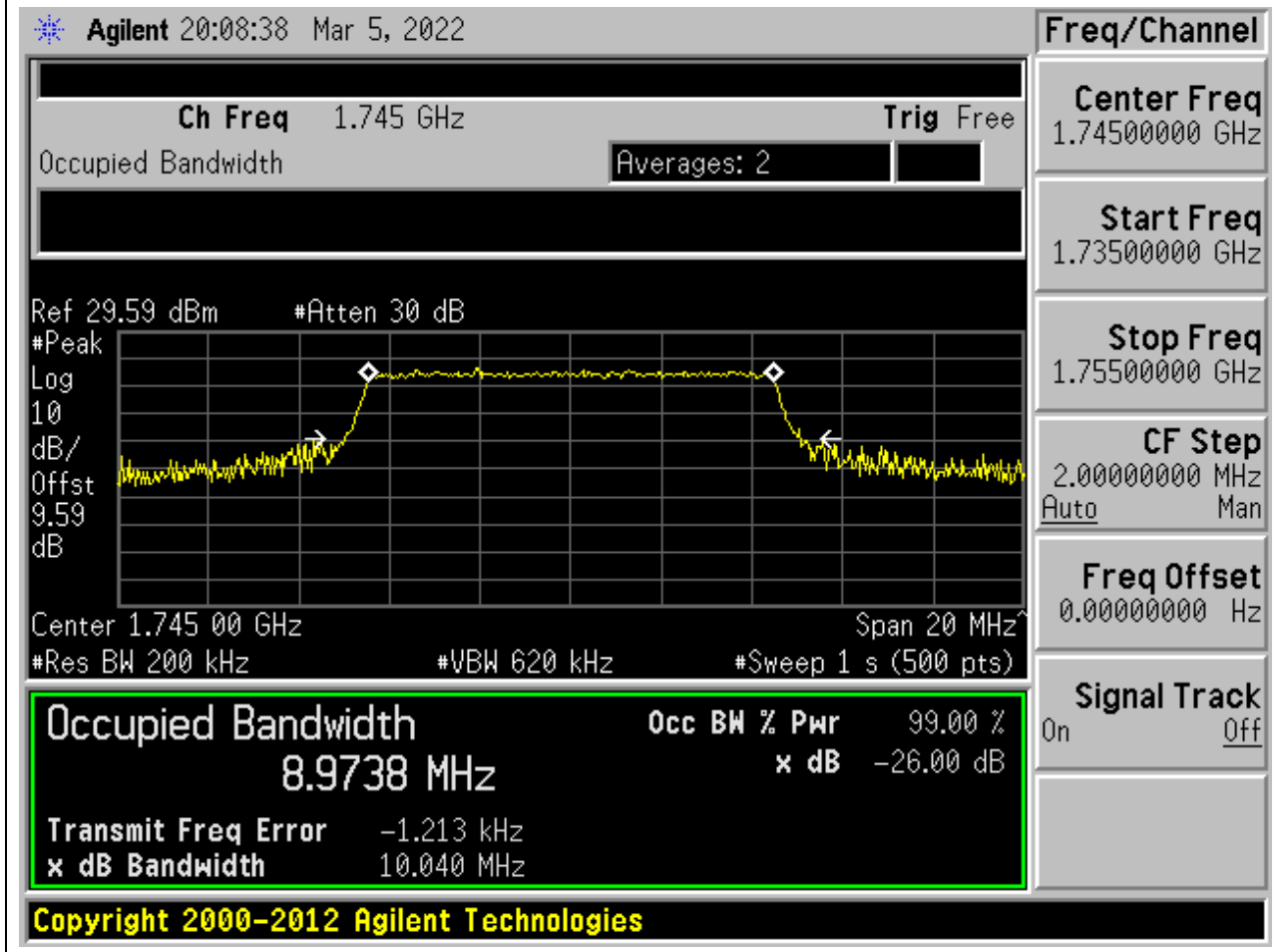
19.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.974	10.039	10	Pass

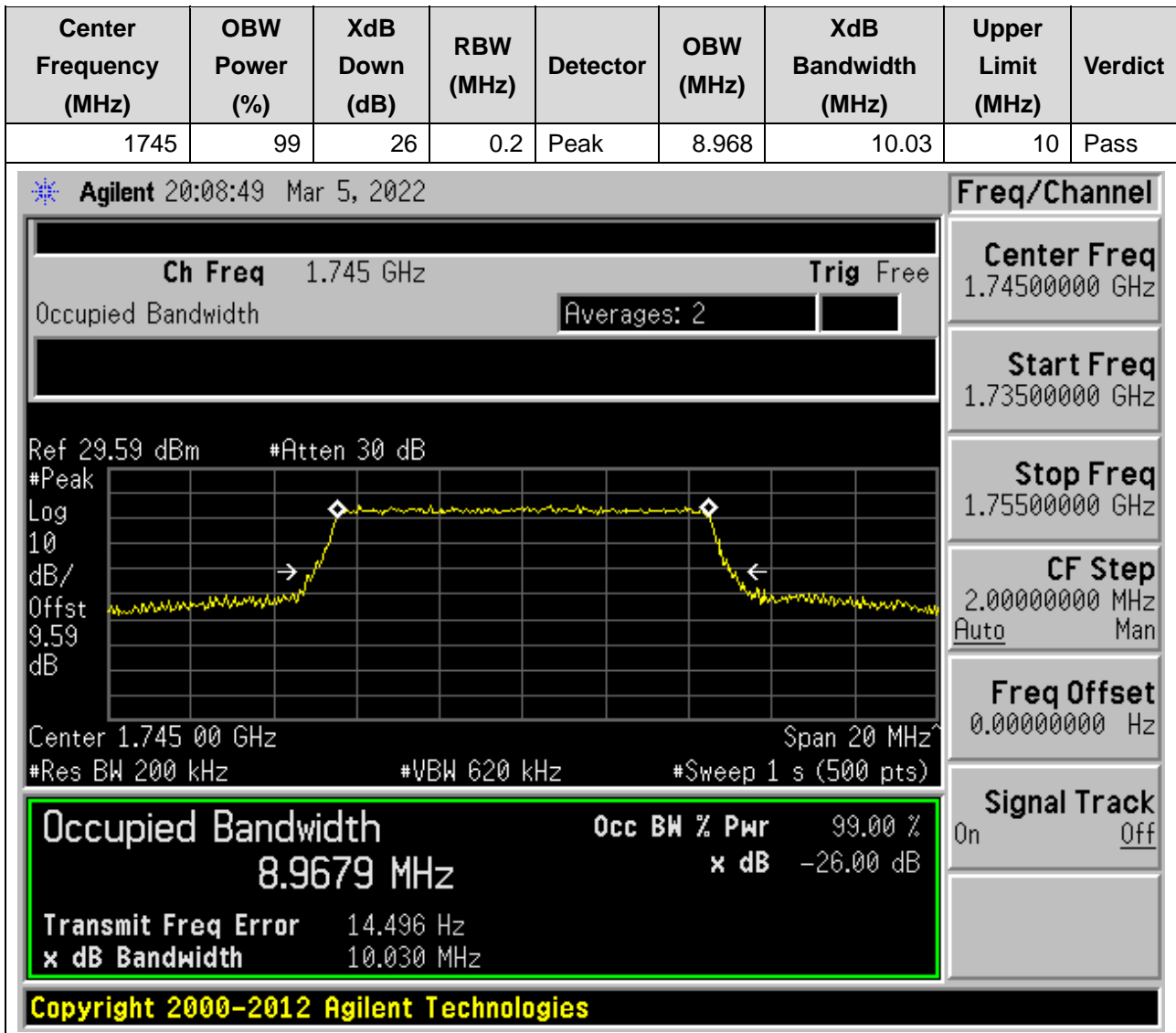


19.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

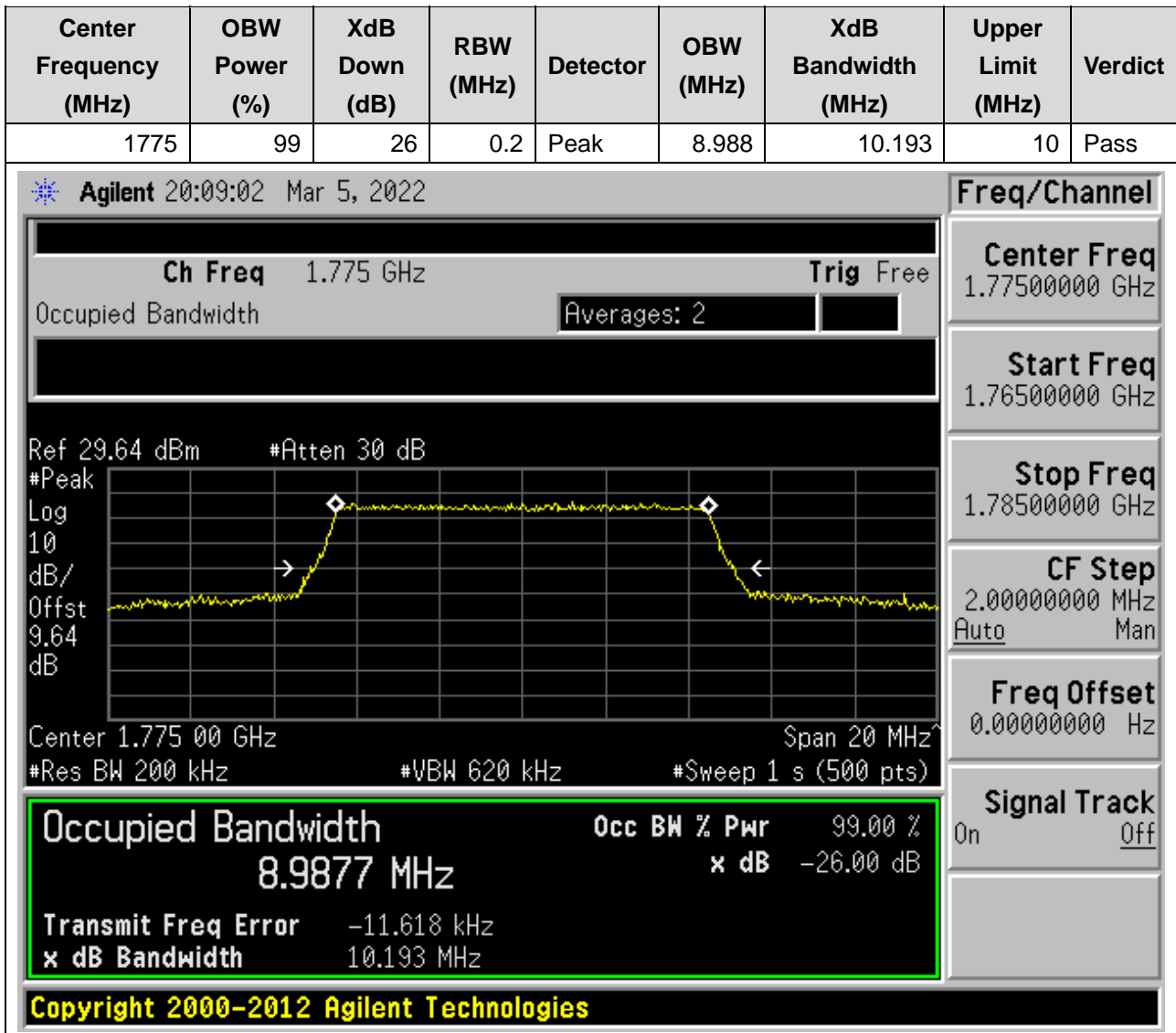
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.2	Peak	8.974	10.04	10	Pass



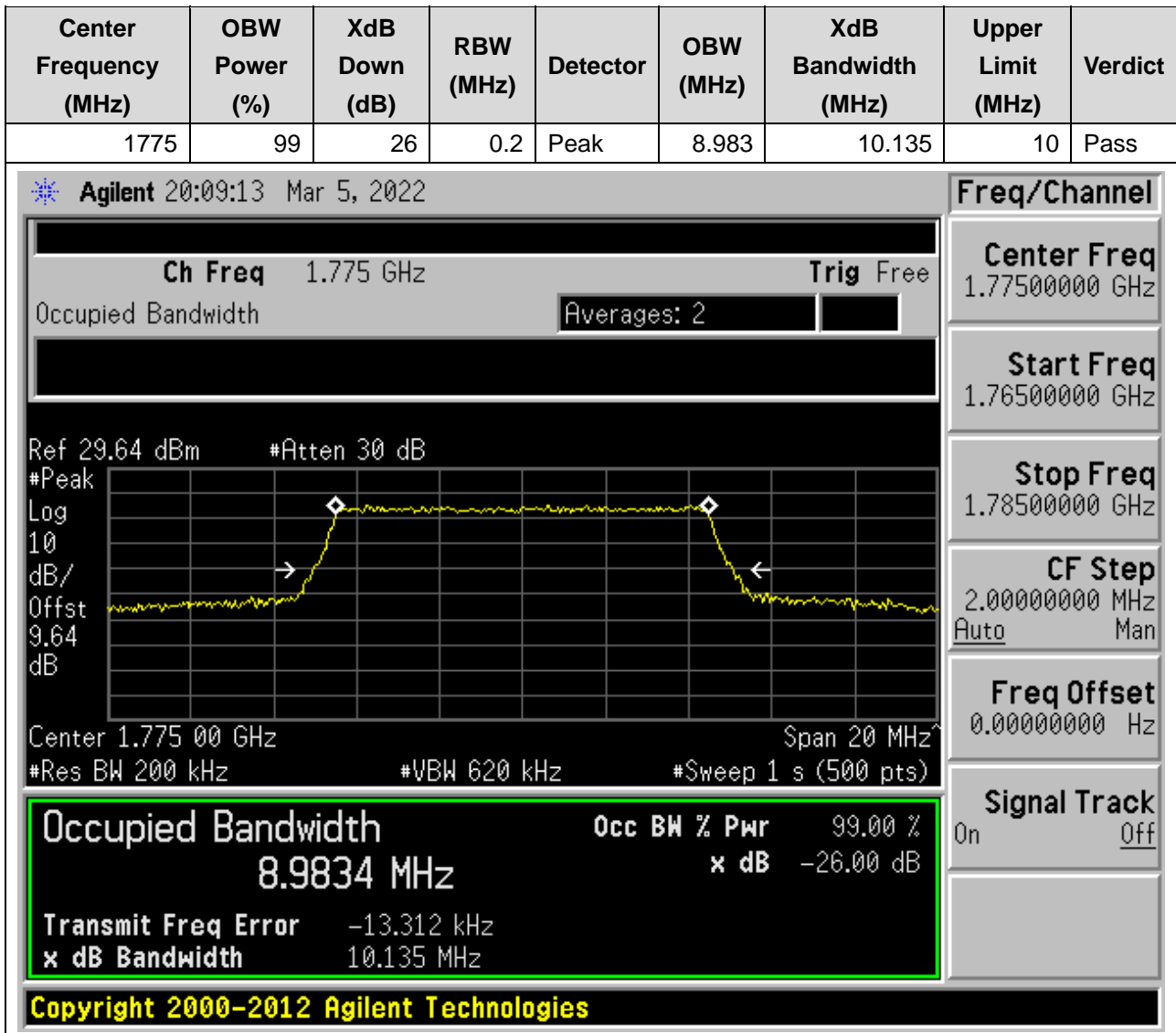
19.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



19.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



19.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



19.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.5	15.113	15	Pass

Agilent 20:09:28 Mar 5, 2022

Ch Freq 1.7175 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.51 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.51 dB

Center 1.717 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4999 MHz	x dB	-26.00 dB
Transmit Freq Error	15.700 kHz	
x dB Bandwidth	15.113 MHz	

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Freq/Channel

Center Freq
1.71750000 GHz

Start Freq
1.70250000 GHz

Stop Freq
1.73250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

19.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.495	15.117	15	Pass

Agilent 20:09:39 Mar 5, 2022

Ch Freq 1.7175 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.51 dBm #Atten 30 dB

Center 1.717 50 GHz Span 30 MHz
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4946 MHz	x dB	-26.00 dB
Transmit Freq Error	-9.407 kHz	
x dB Bandwidth	15.118 MHz	

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Freq/Channel

Center Freq
1.71750000 GHz

Start Freq
1.70250000 GHz

Stop Freq
1.73250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

19.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.463	15.107	15	Pass

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Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.38 dBm #Atten 30 dB

Center 1.745 00 GHz Span 30 MHz

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

Freq/Channel

Center Freq 1.74500000 GHz

Start Freq 1.73000000 GHz

Stop Freq 1.76000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4629 MHz x dB -26.00 dB

Transmit Freq Error 186.863 Hz

x dB Bandwidth 15.107 MHz

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19.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.488	15.094	15	Pass

Agilent

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.38 dBm #Atten 30 dB

Center 1.745 00 GHz Span 30 MHz

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

Freq/Channel

Center Freq 1.74500000 GHz

Start Freq 1.73000000 GHz

Stop Freq 1.76000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4883 MHz

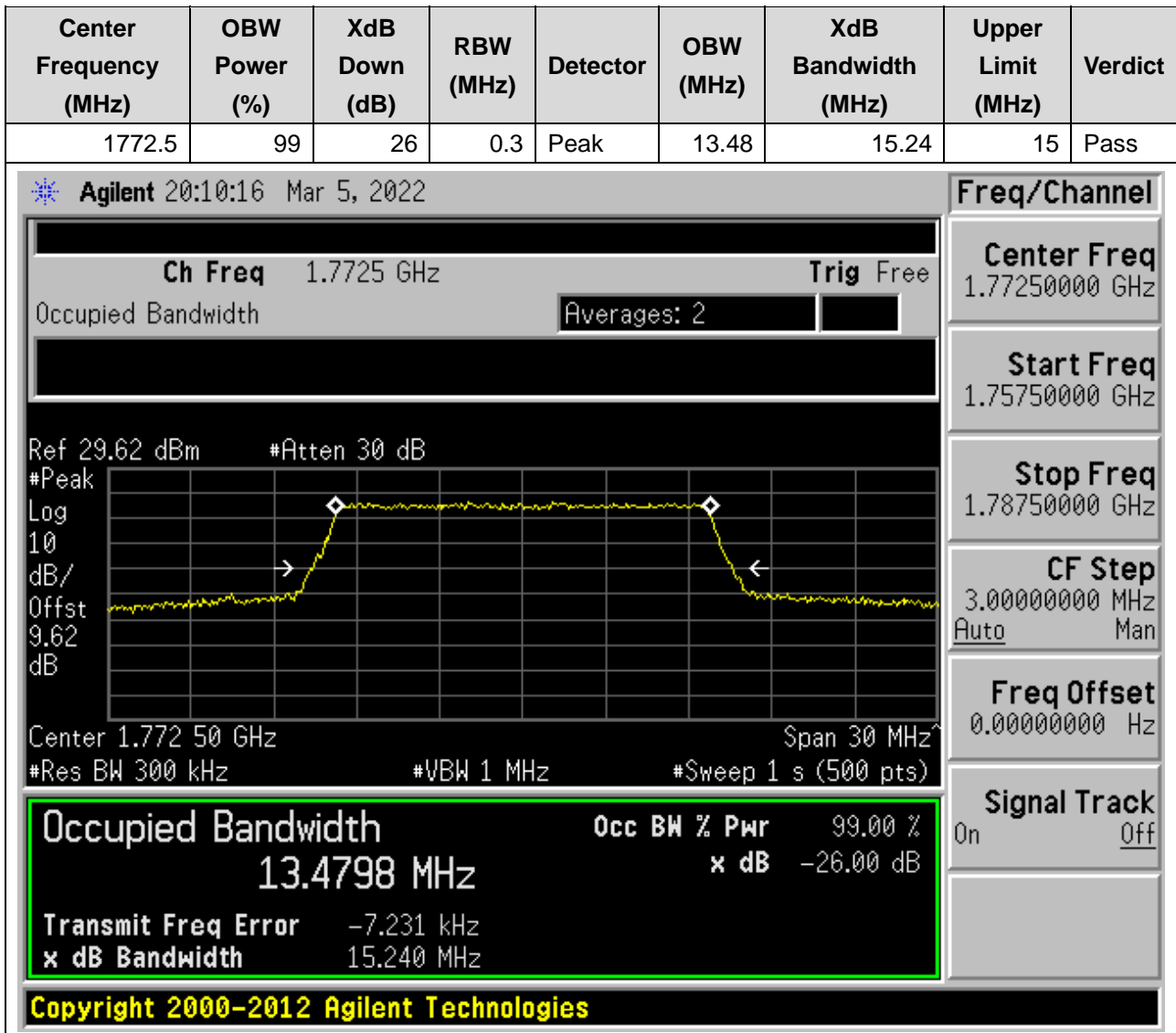
x dB -26.00 dB

Transmit Freq Error 12.341 kHz

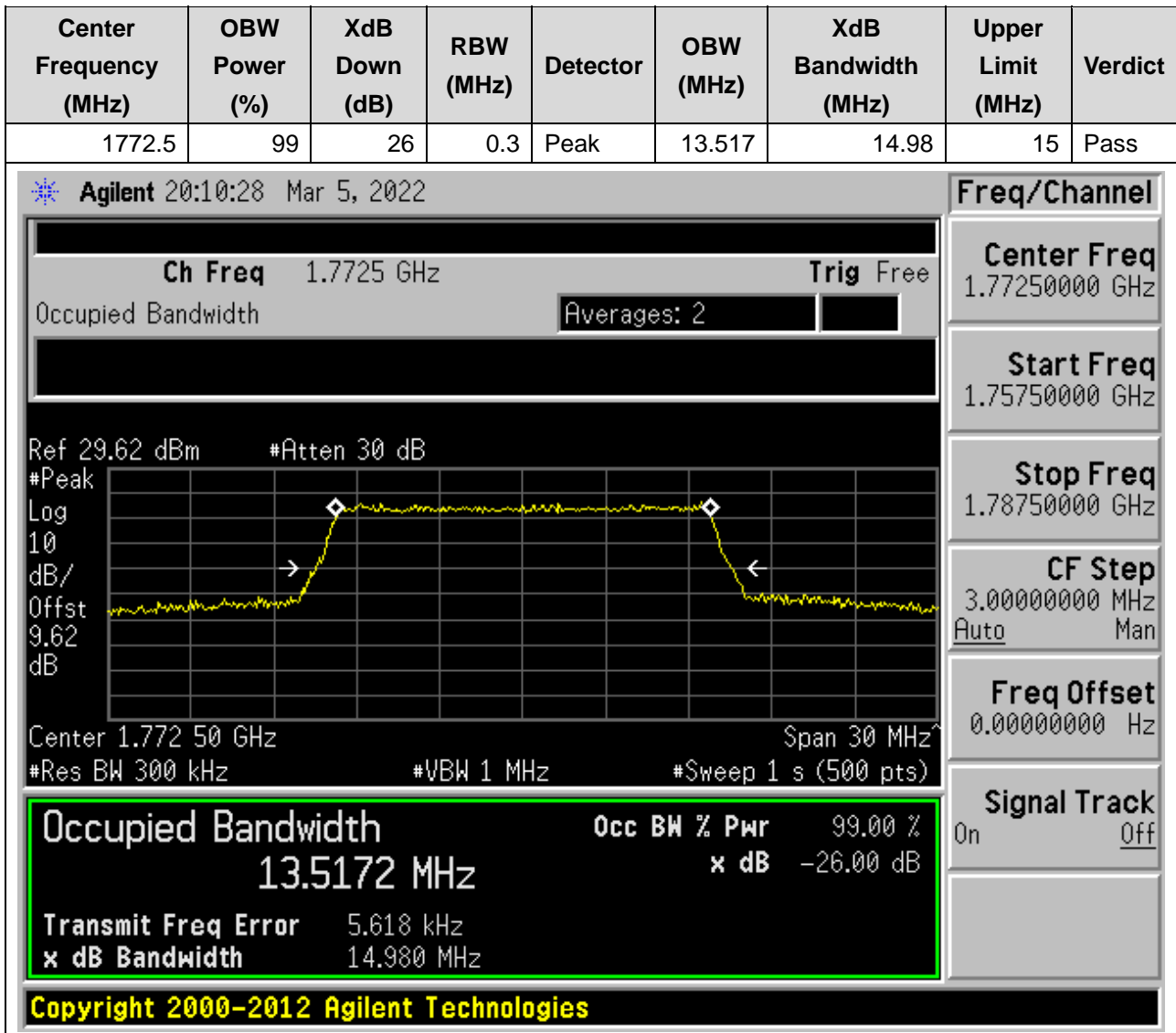
x dB Bandwidth 15.094 MHz

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19.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

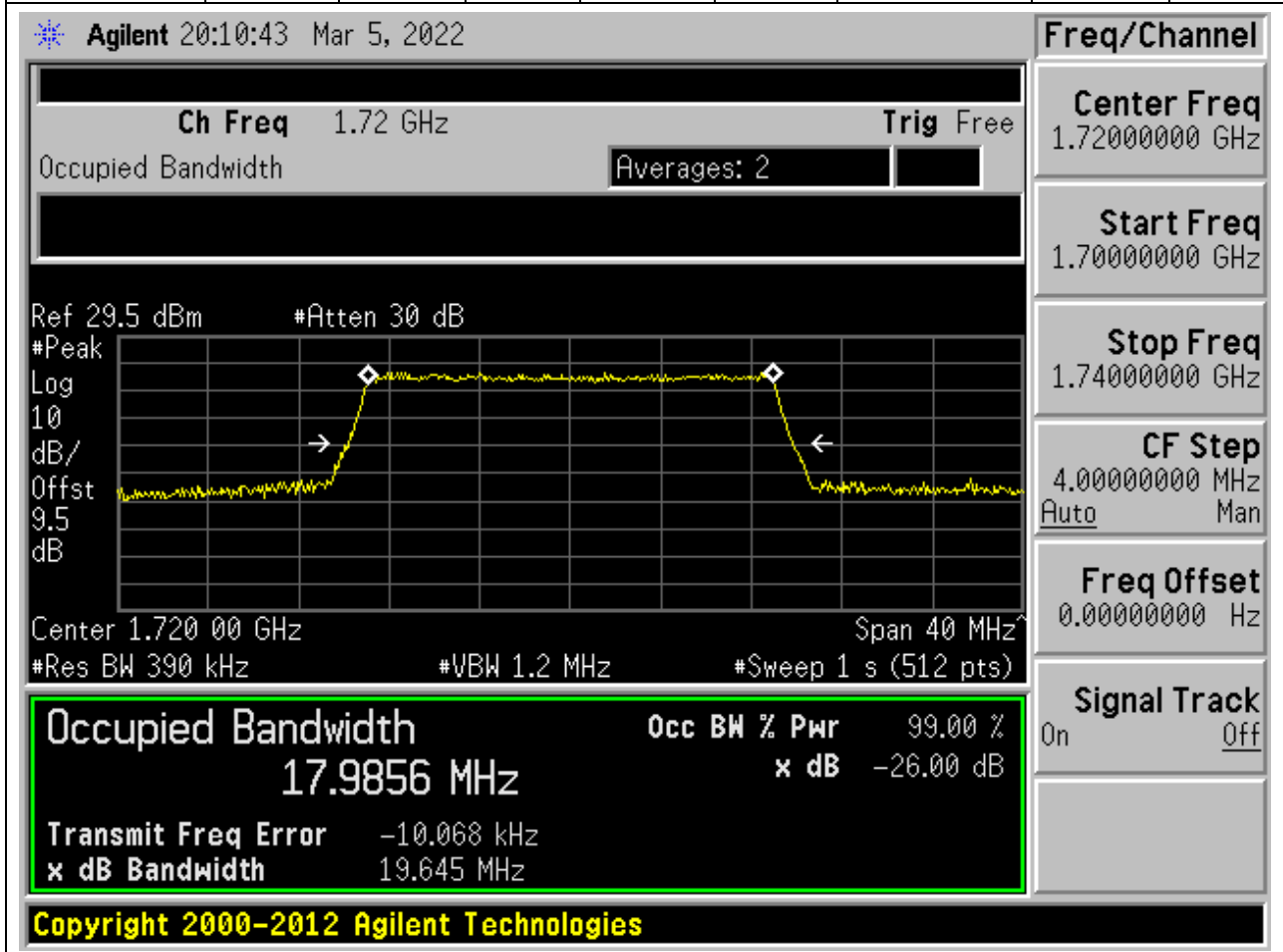


19.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

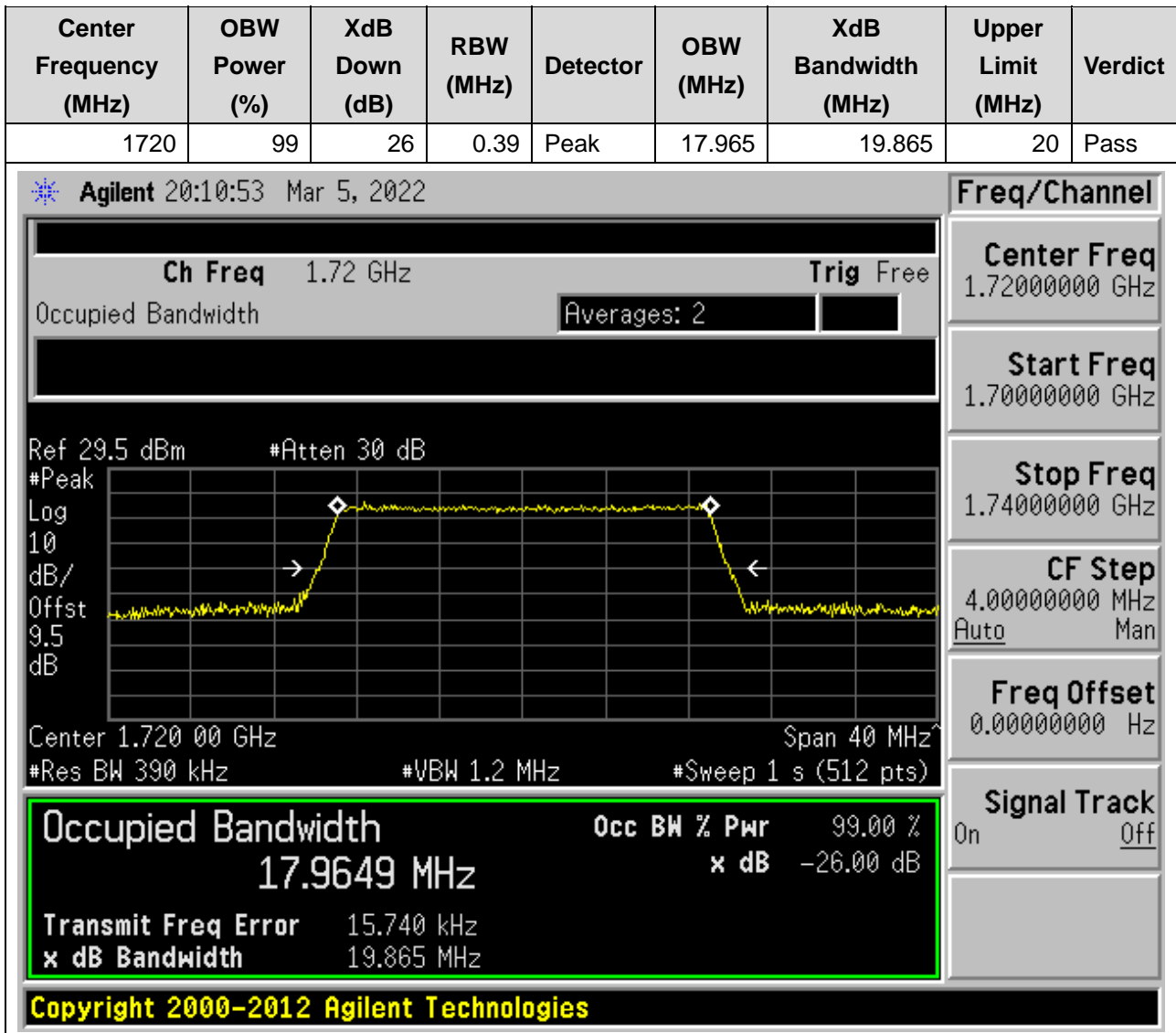


19.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.986	19.645	20	Pass



19.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



19.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.93	19.765	20	Pass

Agilent 20:11:07 Mar 5, 2022

Ch Freq 1.745 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.59 dBm #Atten 30 dB

Center 1.745 00 GHz Span 40 MHz

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

Freq/Channel

Center Freq
1.74500000 GHz

Start Freq
1.72500000 GHz

Stop Freq
1.76500000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

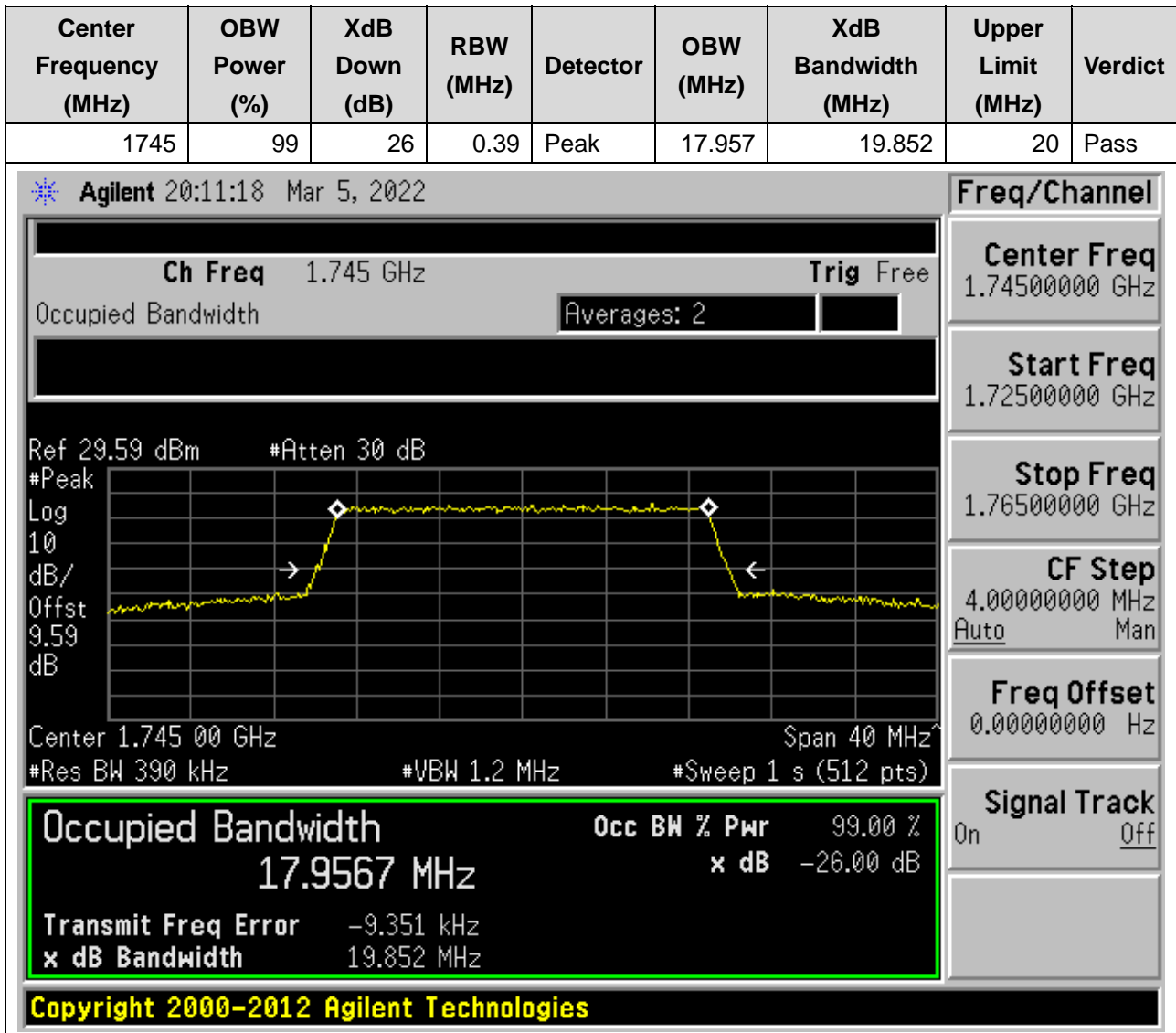
17.9295 MHz **x dB** -26.00 dB

Transmit Freq Error 12.642 kHz

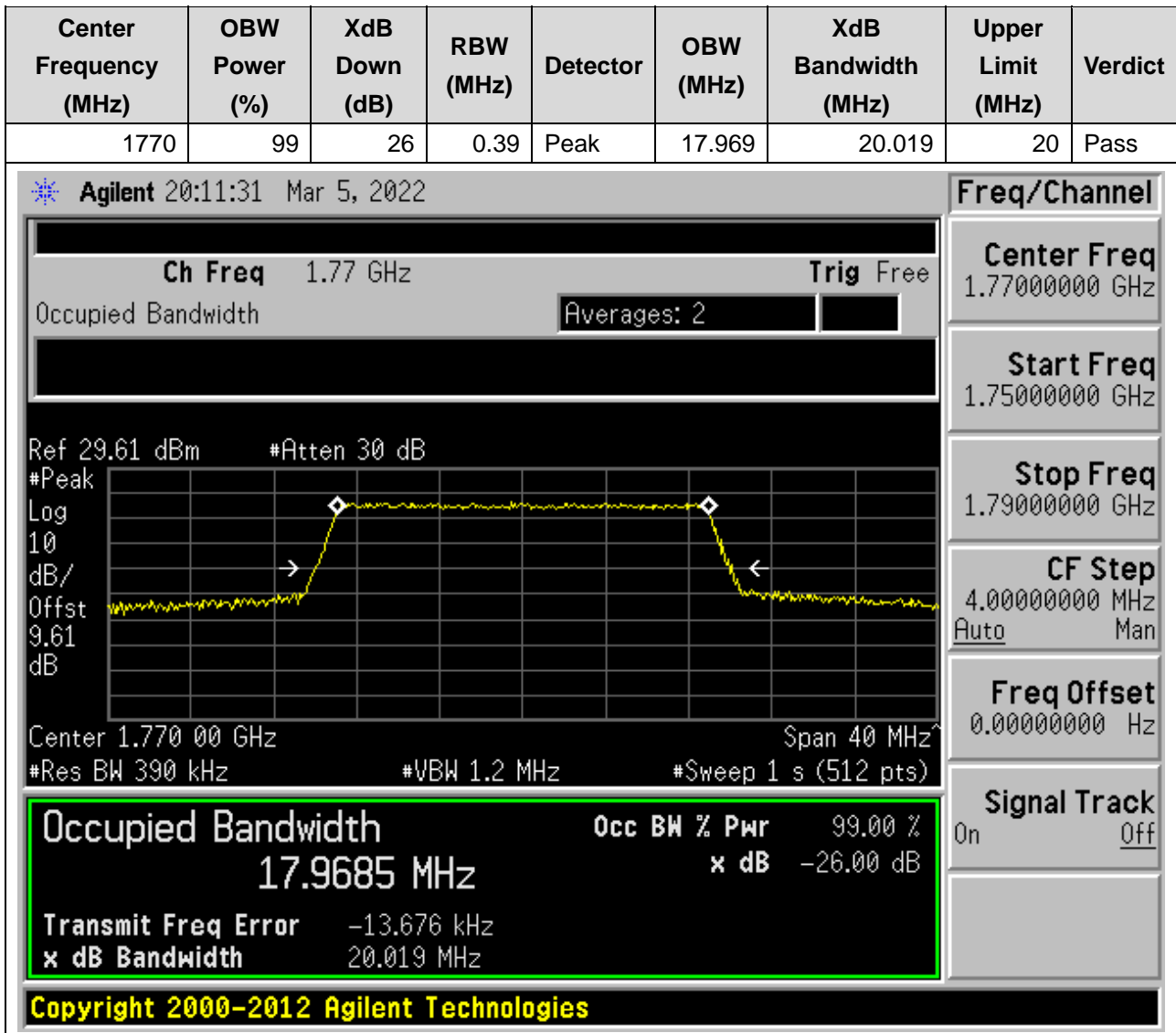
x dB Bandwidth 19.765 MHz

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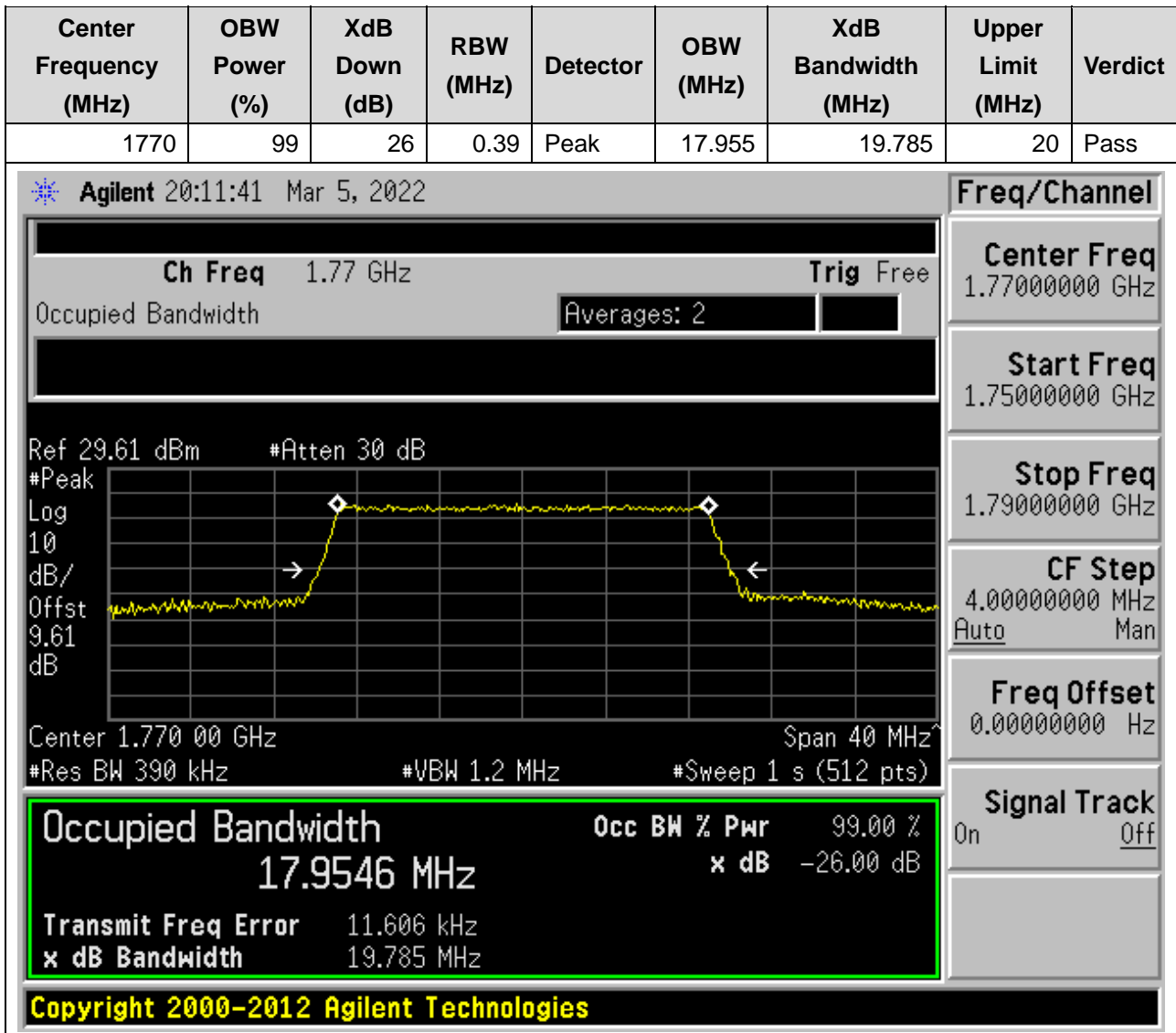
19.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



19.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



19.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



END