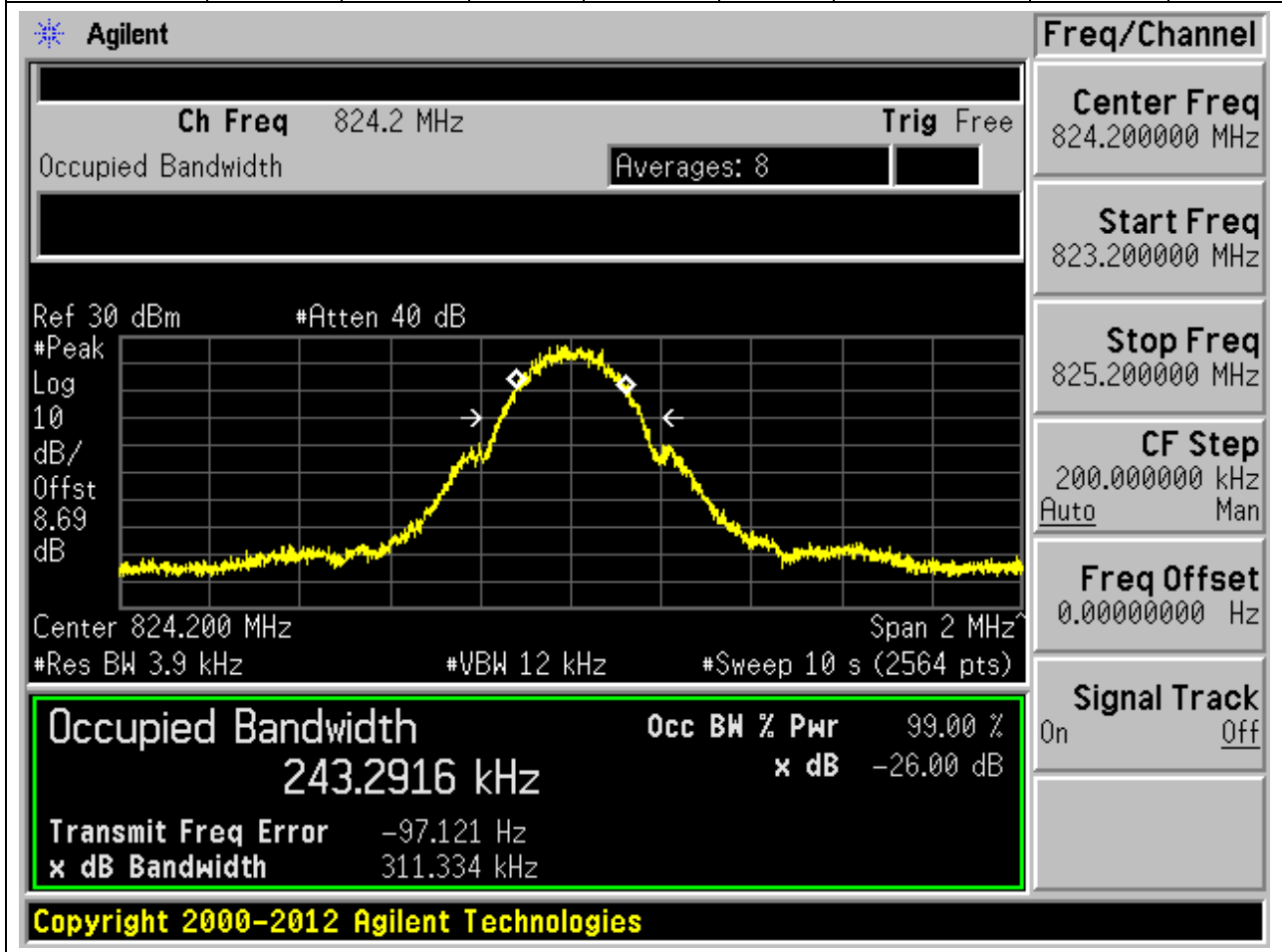


## A.3 Occupied Bandwidth

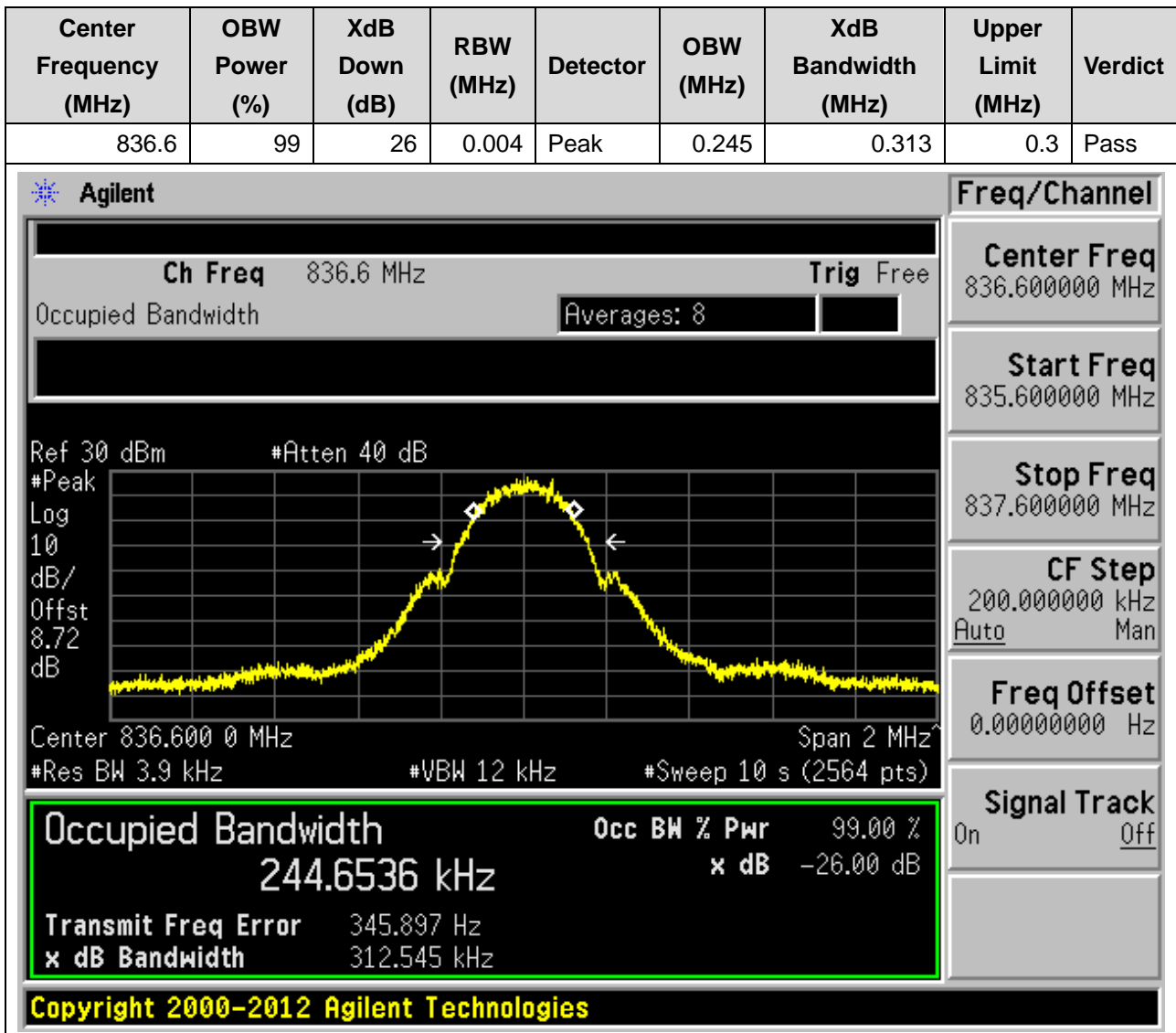
# 1. GSM\_GSM850

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

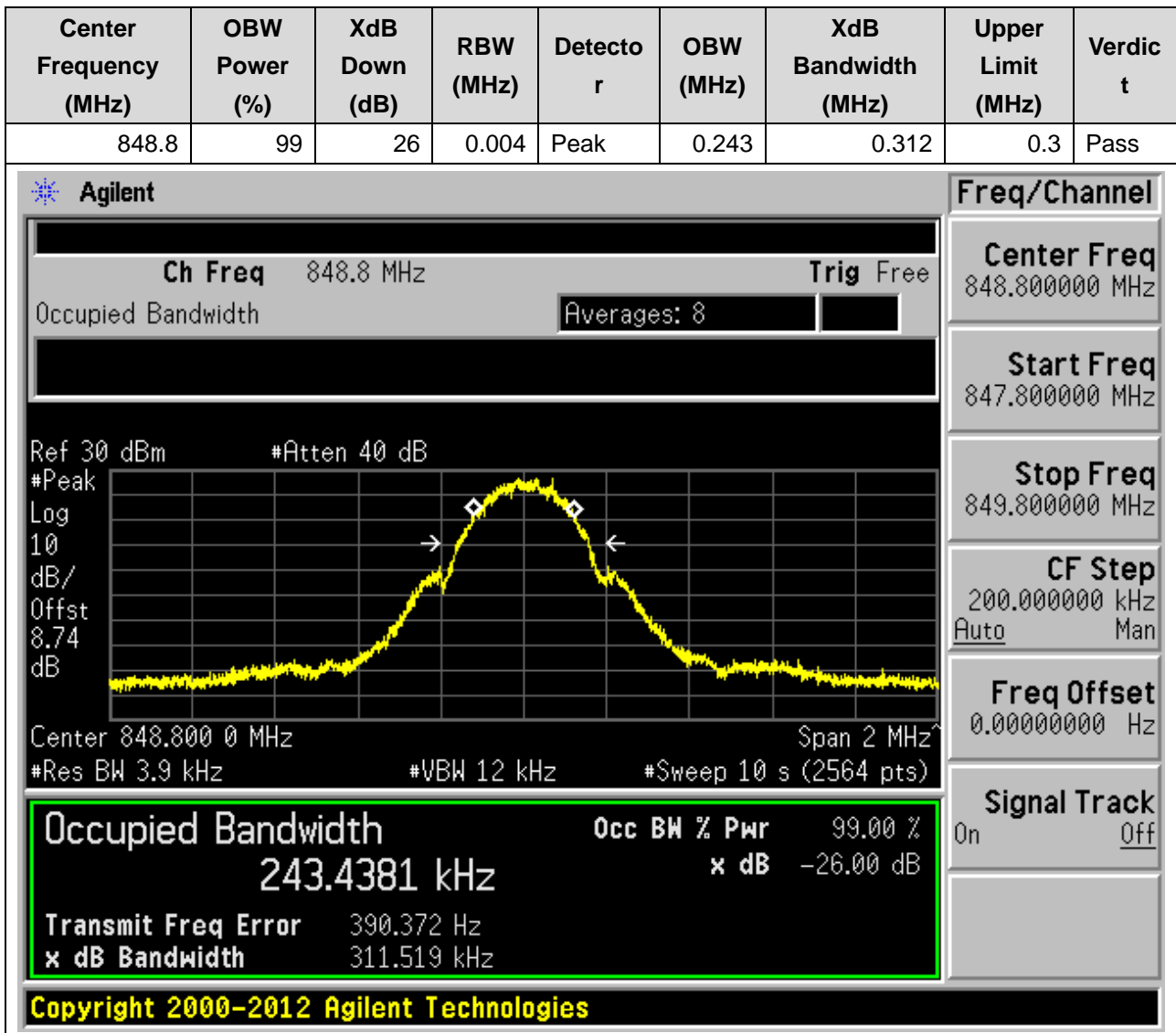
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.243	0.311	0.3	Pass



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

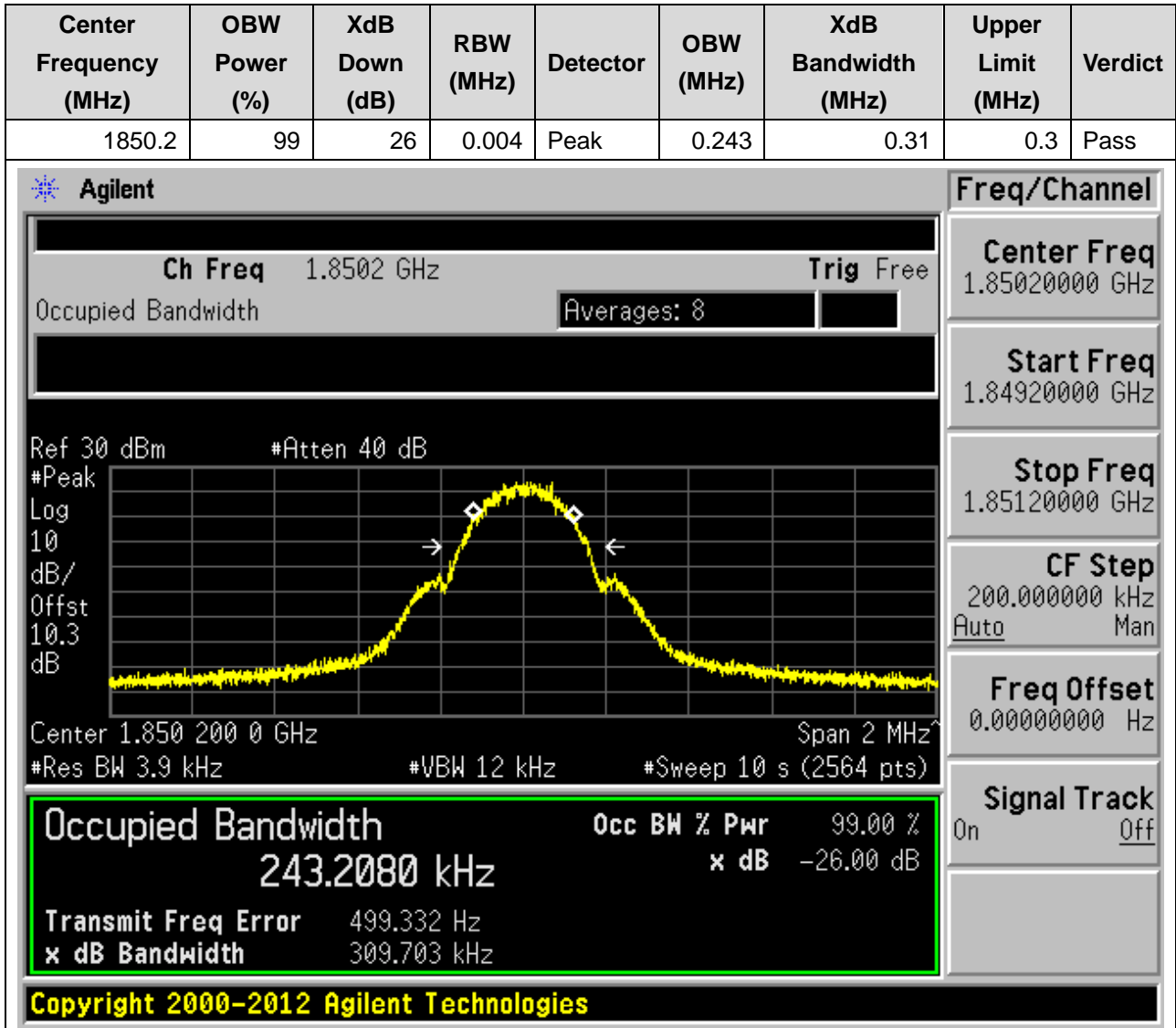


### 1.3. GSM Occupied Bandwidth(NTNV)(Channel:251)

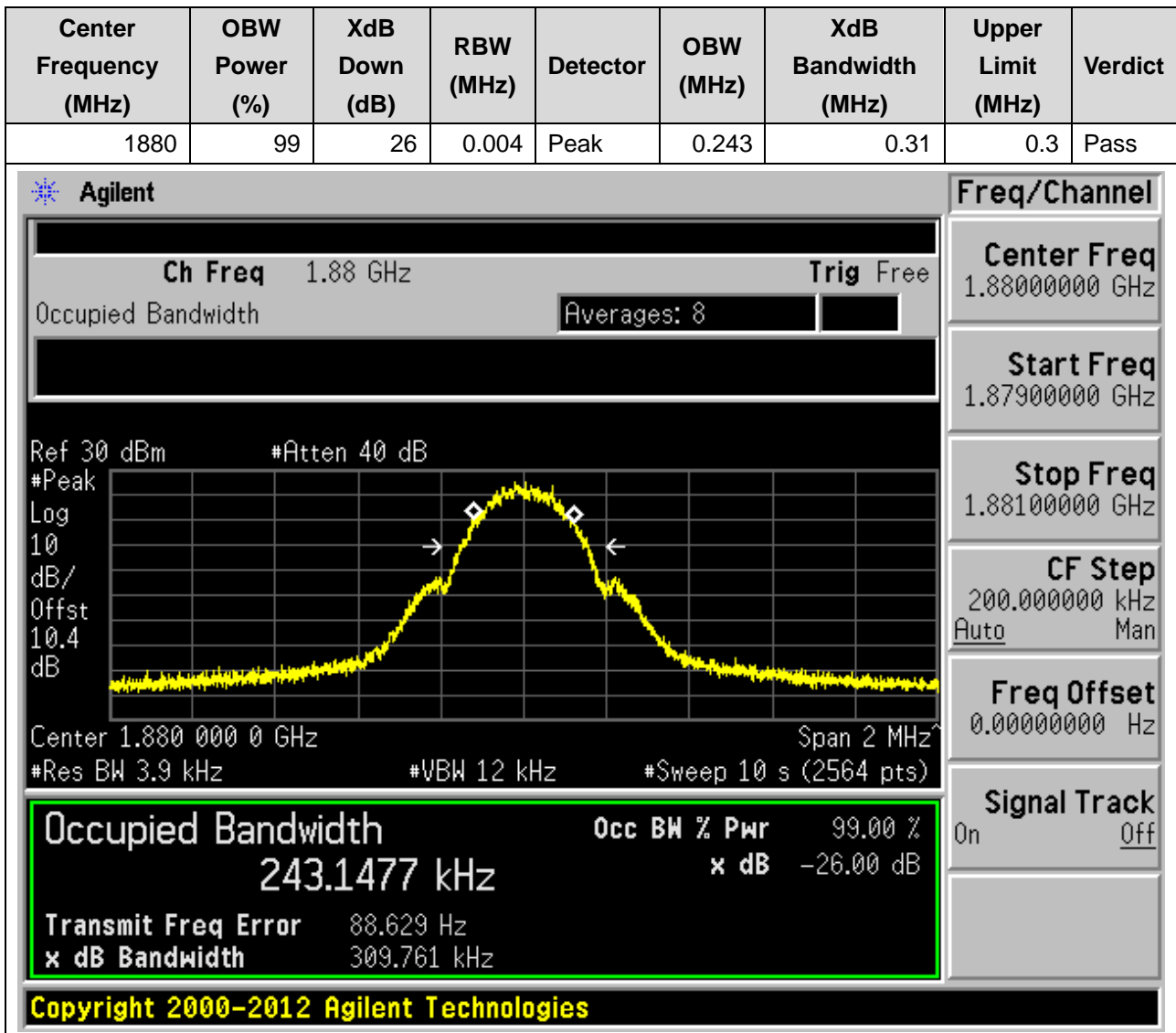


## 2. GSM\_PCS

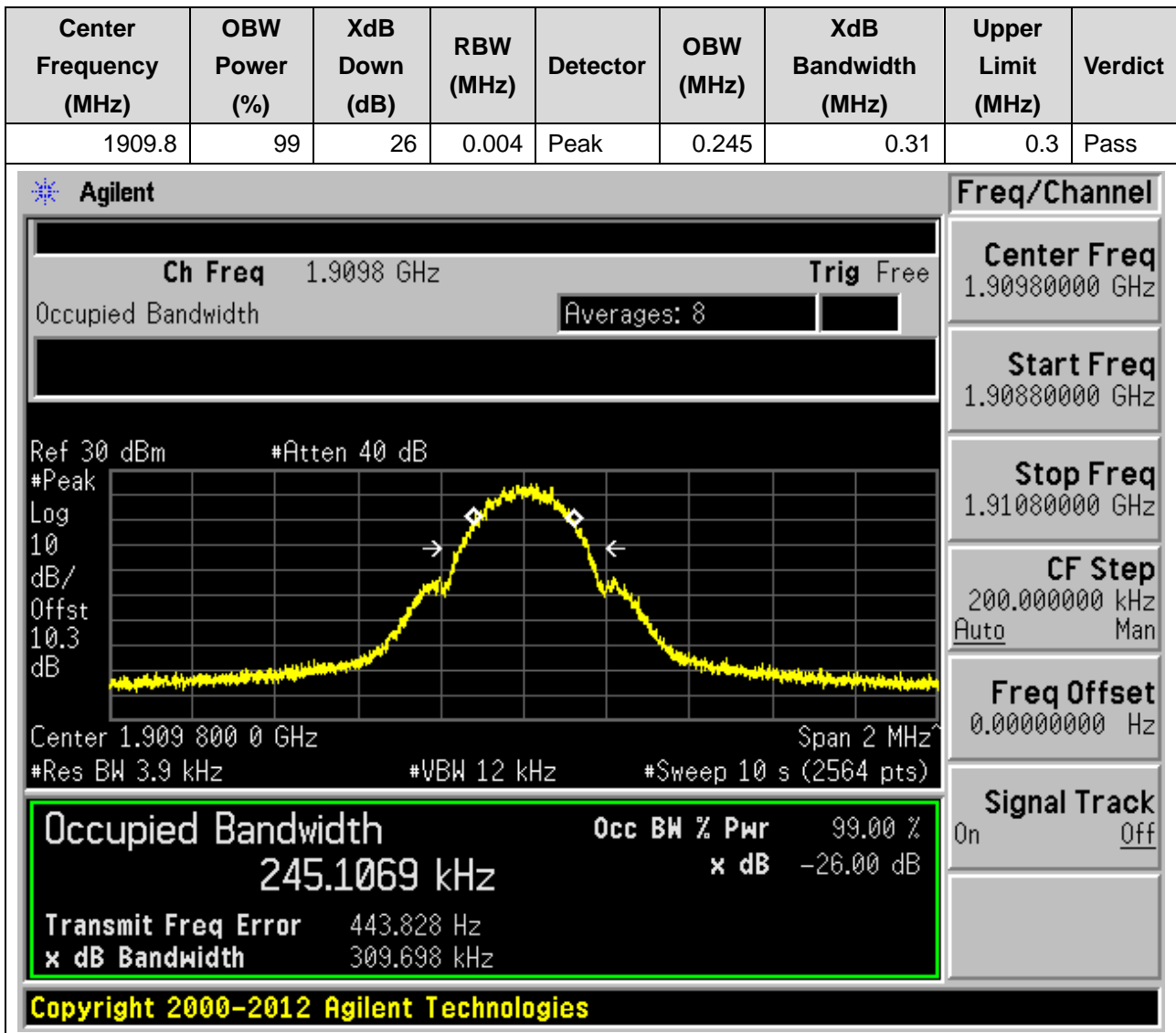
### 2.1. GSM Occupied Bandwidth(NTNV)(Channel:512)



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

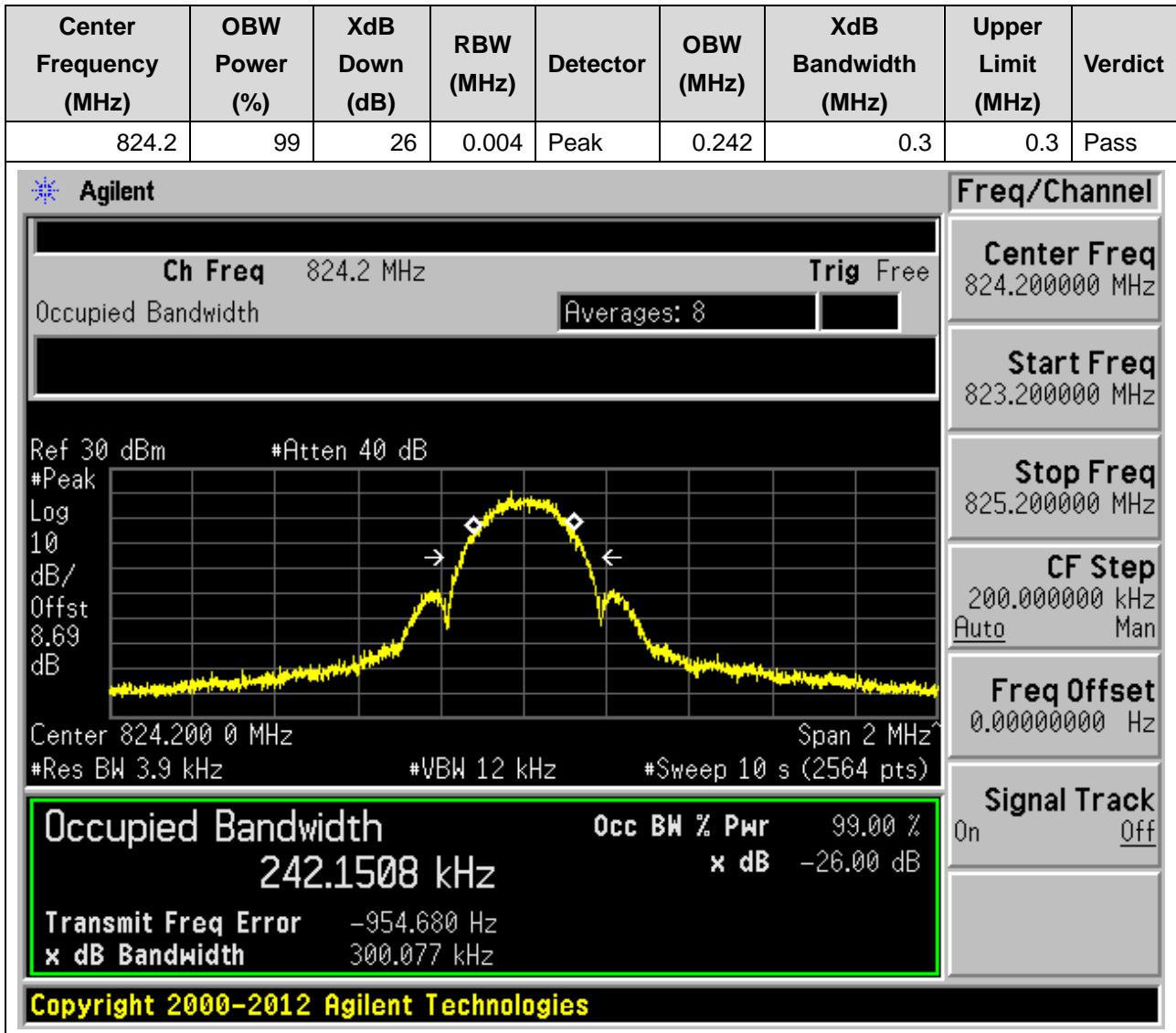


### 2.3. GSM Occupied Bandwidth(NTNV)(Channel:810)



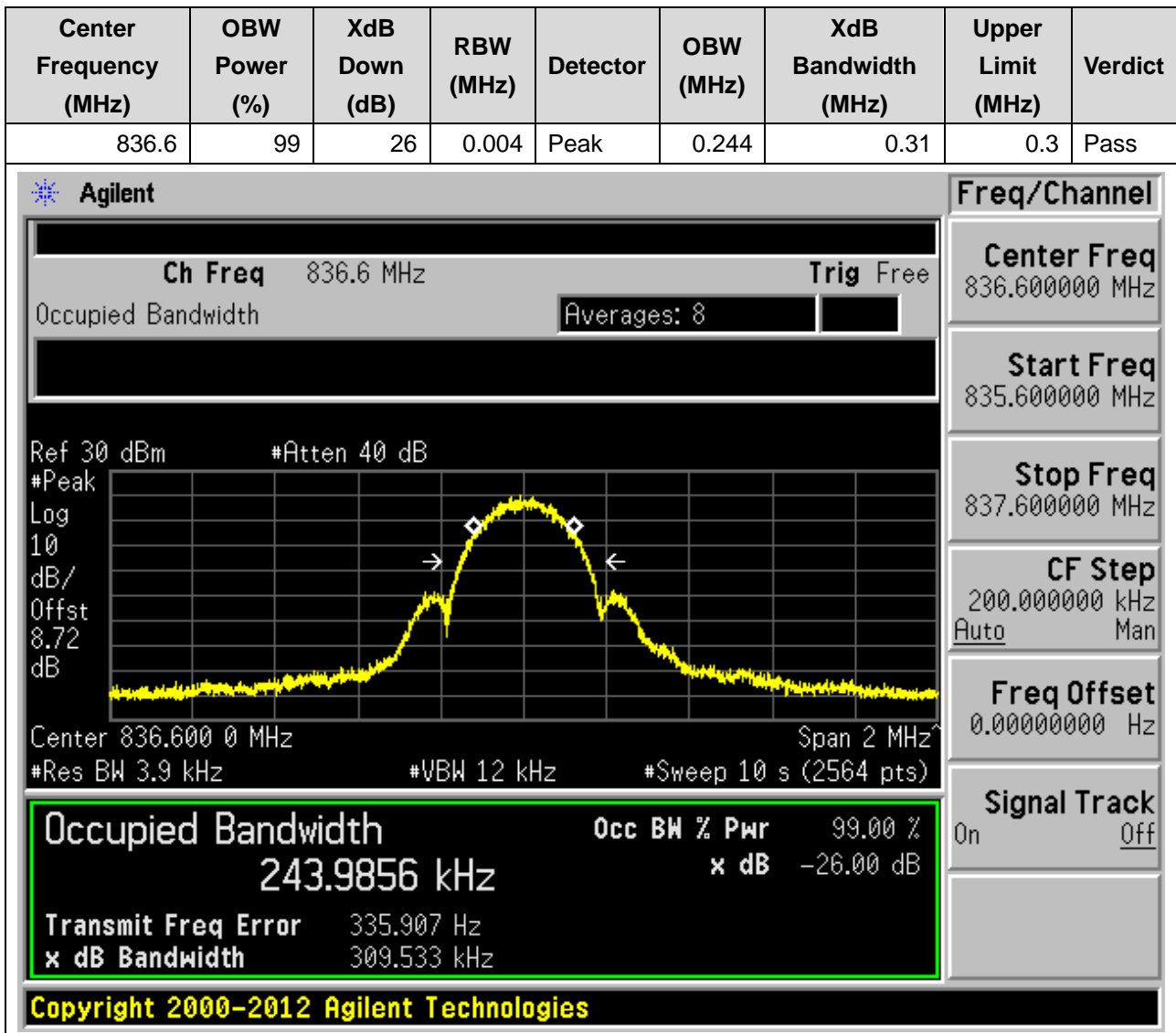
### 3. EGPRS\_GSM850

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

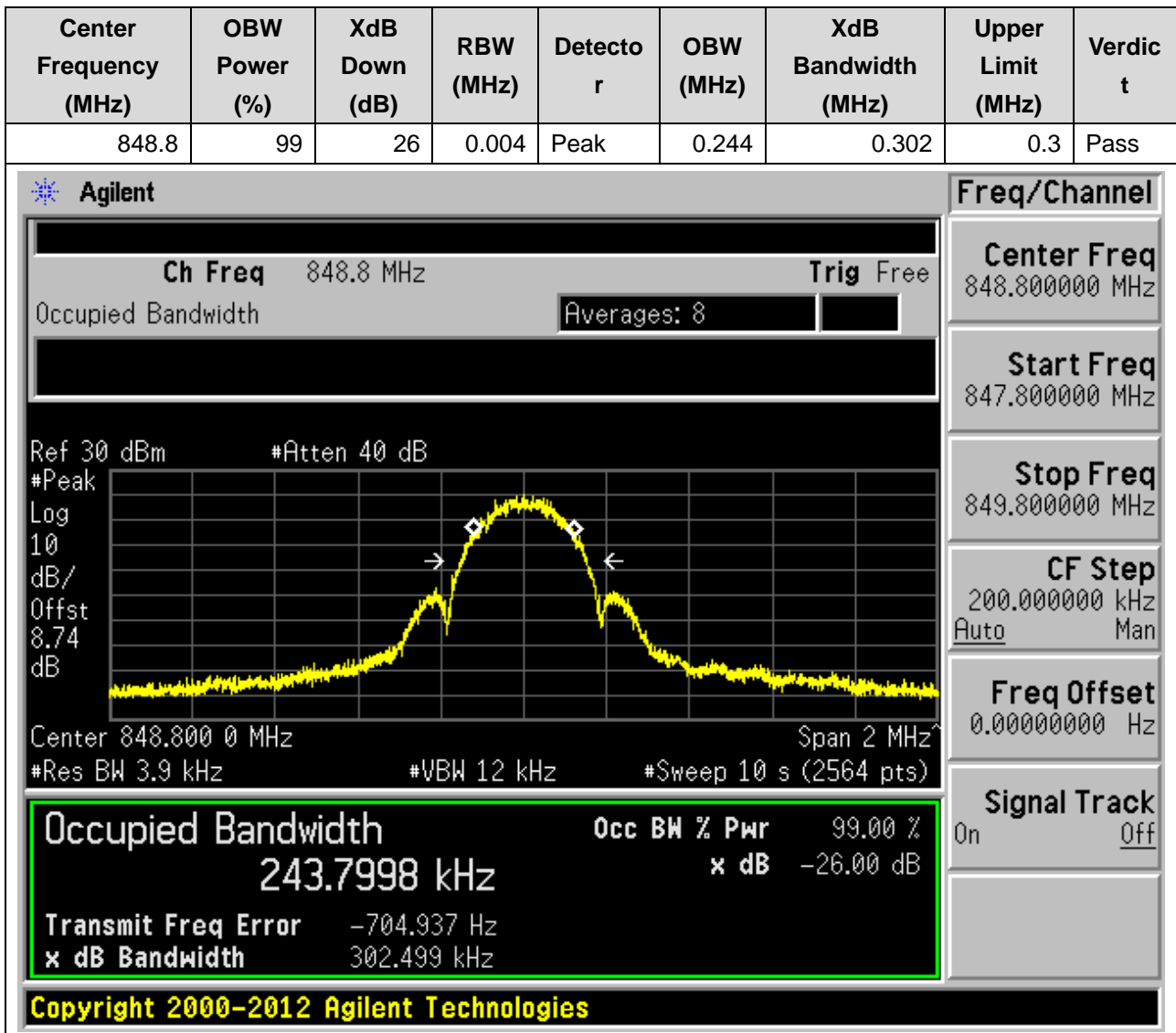




### 3.2. EGPRS Occupied Bandwidth(NTNV)(Channel:190)



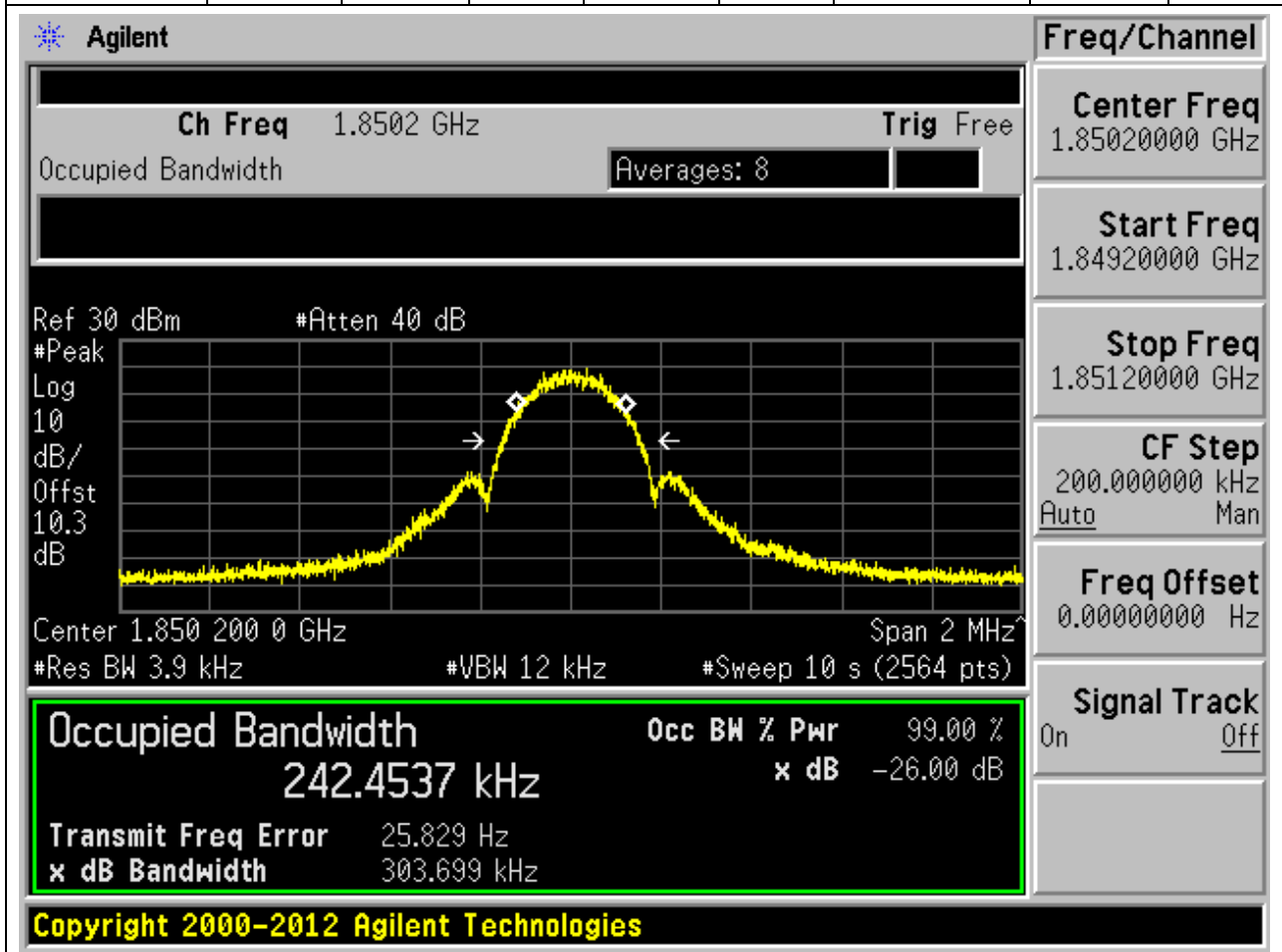
### 3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)



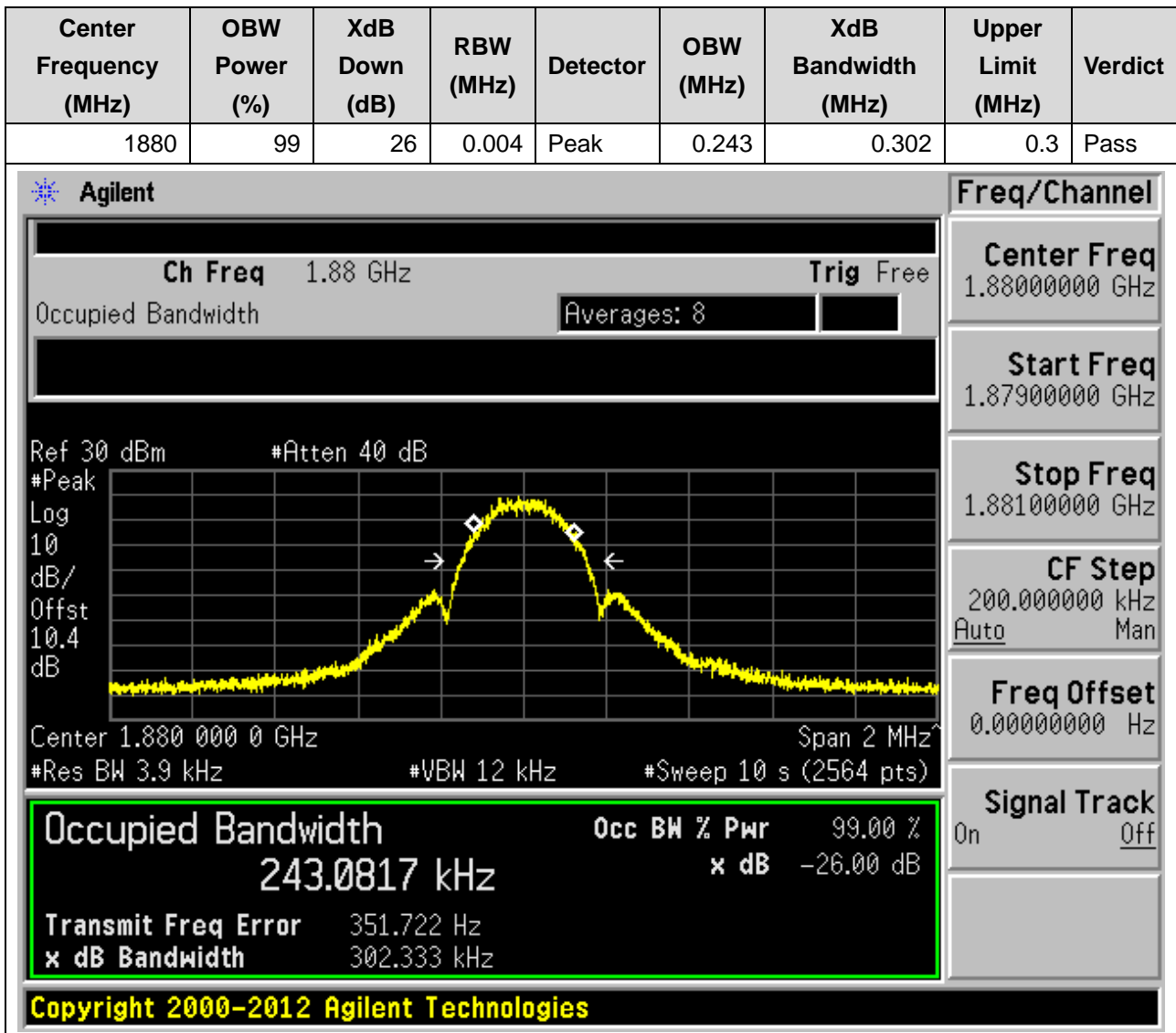
## 4. EGPRS\_PCS

### 4.1. EGPRS Occupied Bandwidth(NTLV)(Channel:512)

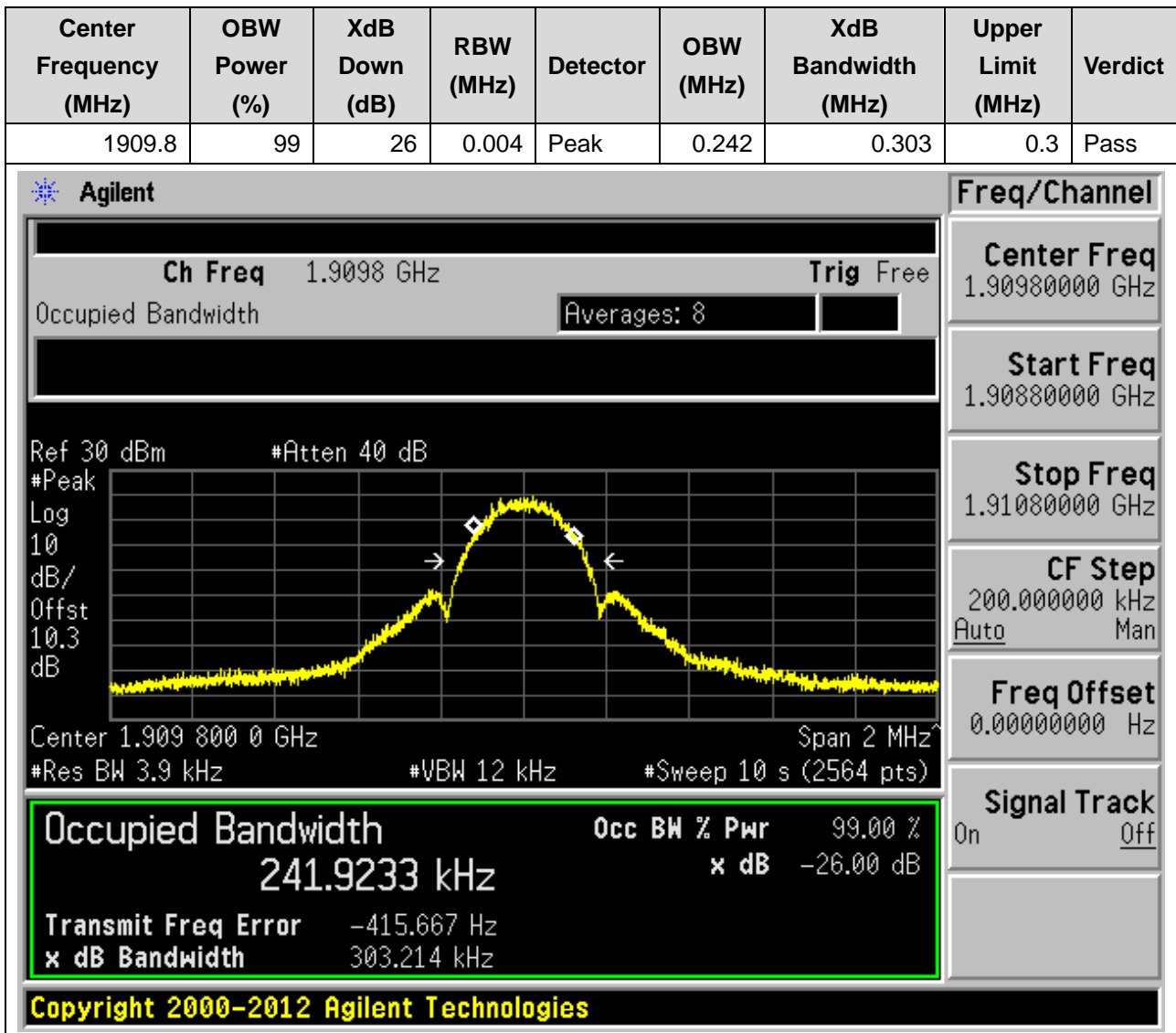
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.242	0.304	0.3	Pass



#### 4.2. EGPRS Occupied Bandwidth(NTLV)(Channel:661)

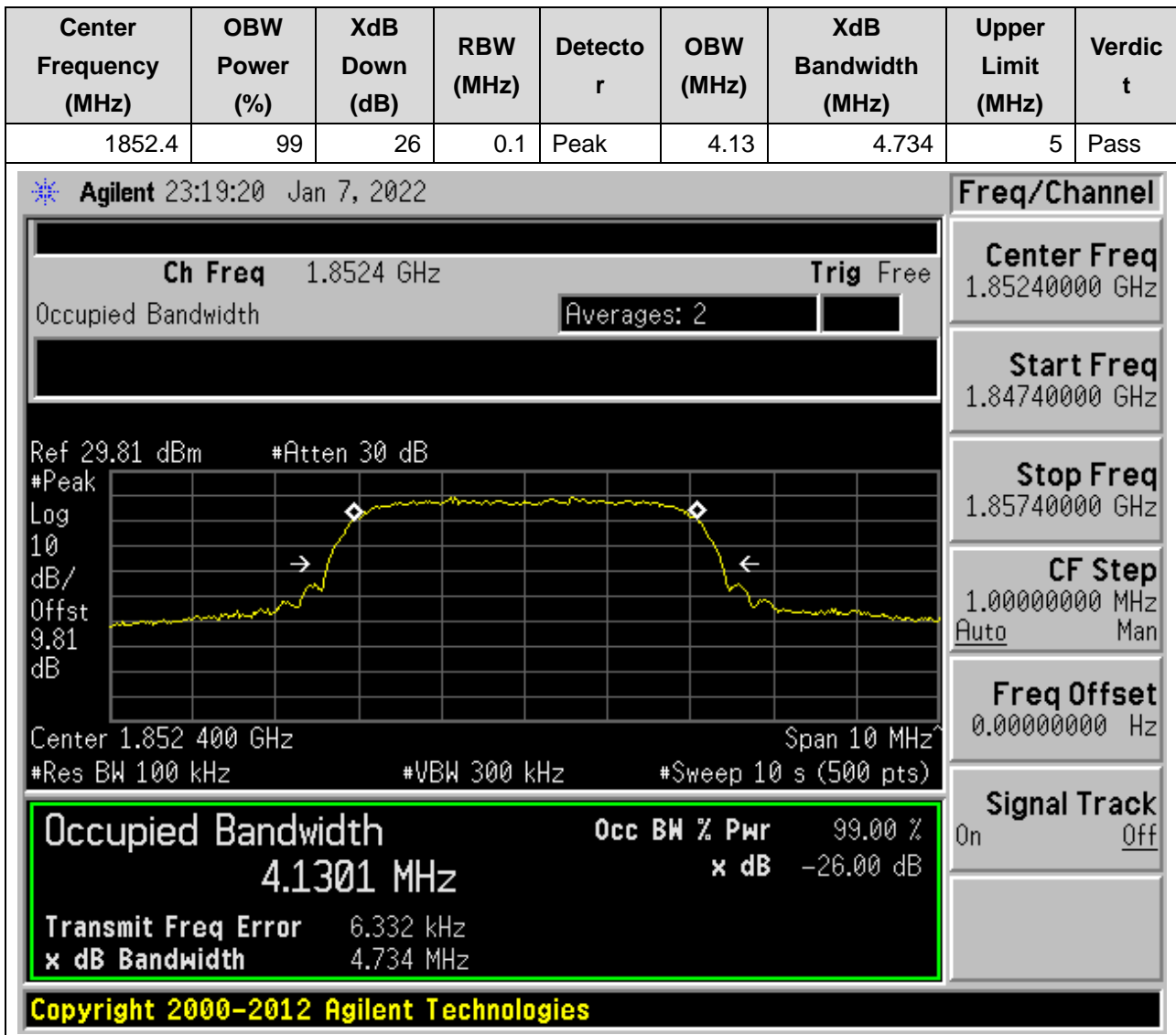


### 4.3. EGPRS Occupied Bandwidth(NTLV)(Channel:810)

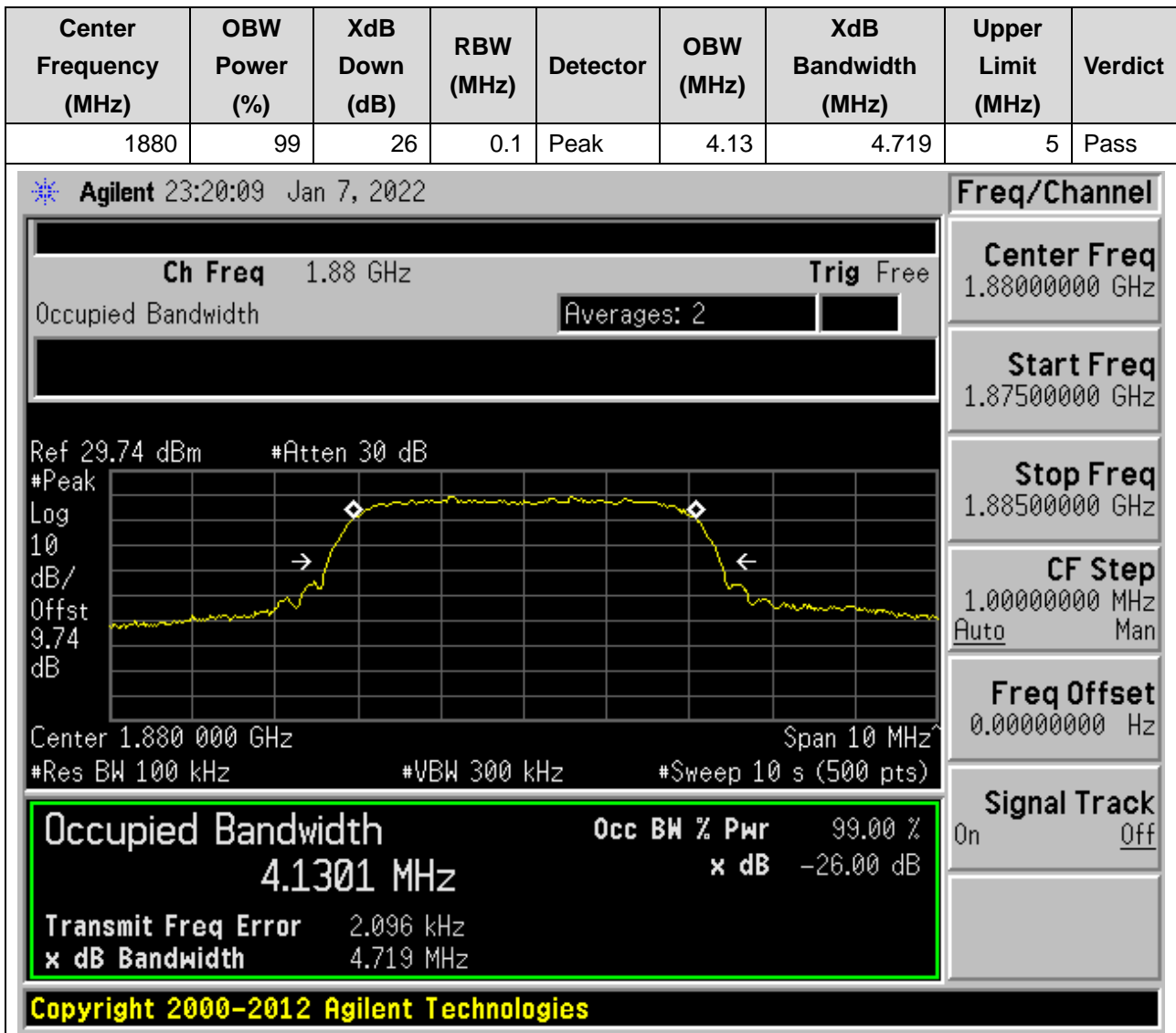


## 5. WCDMA\_Band2

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



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



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

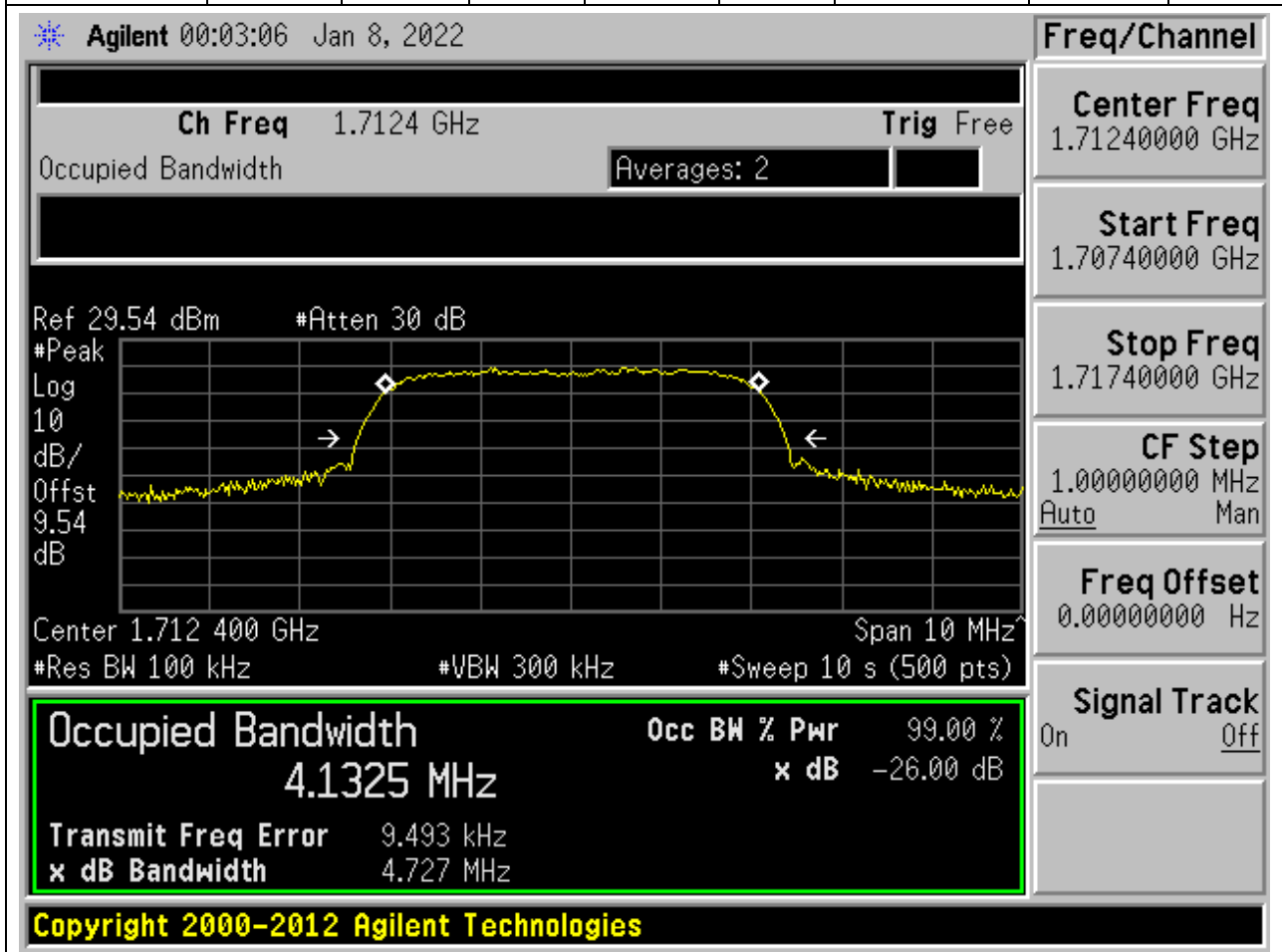




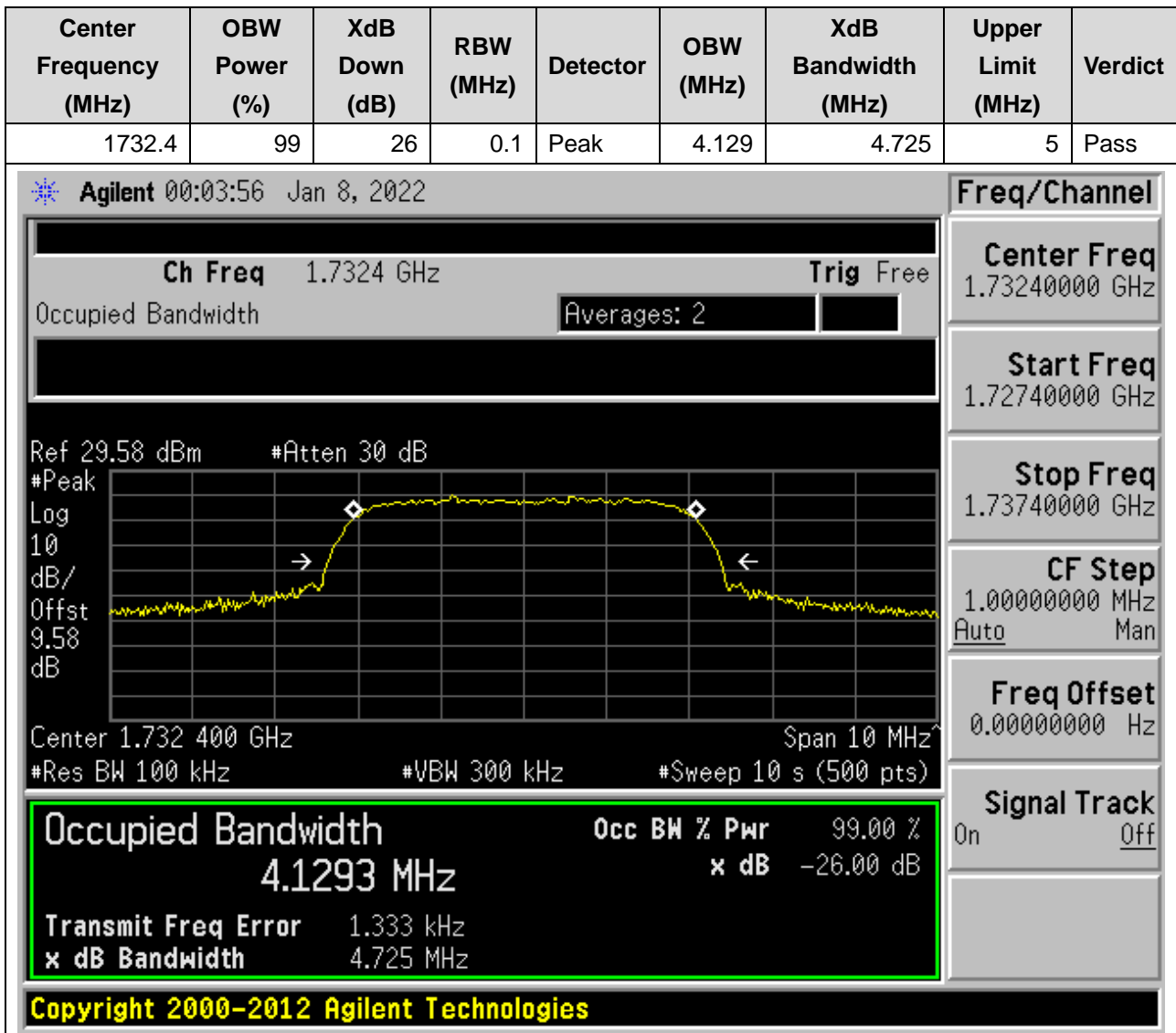
## 6. WCDMA\_Band4

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

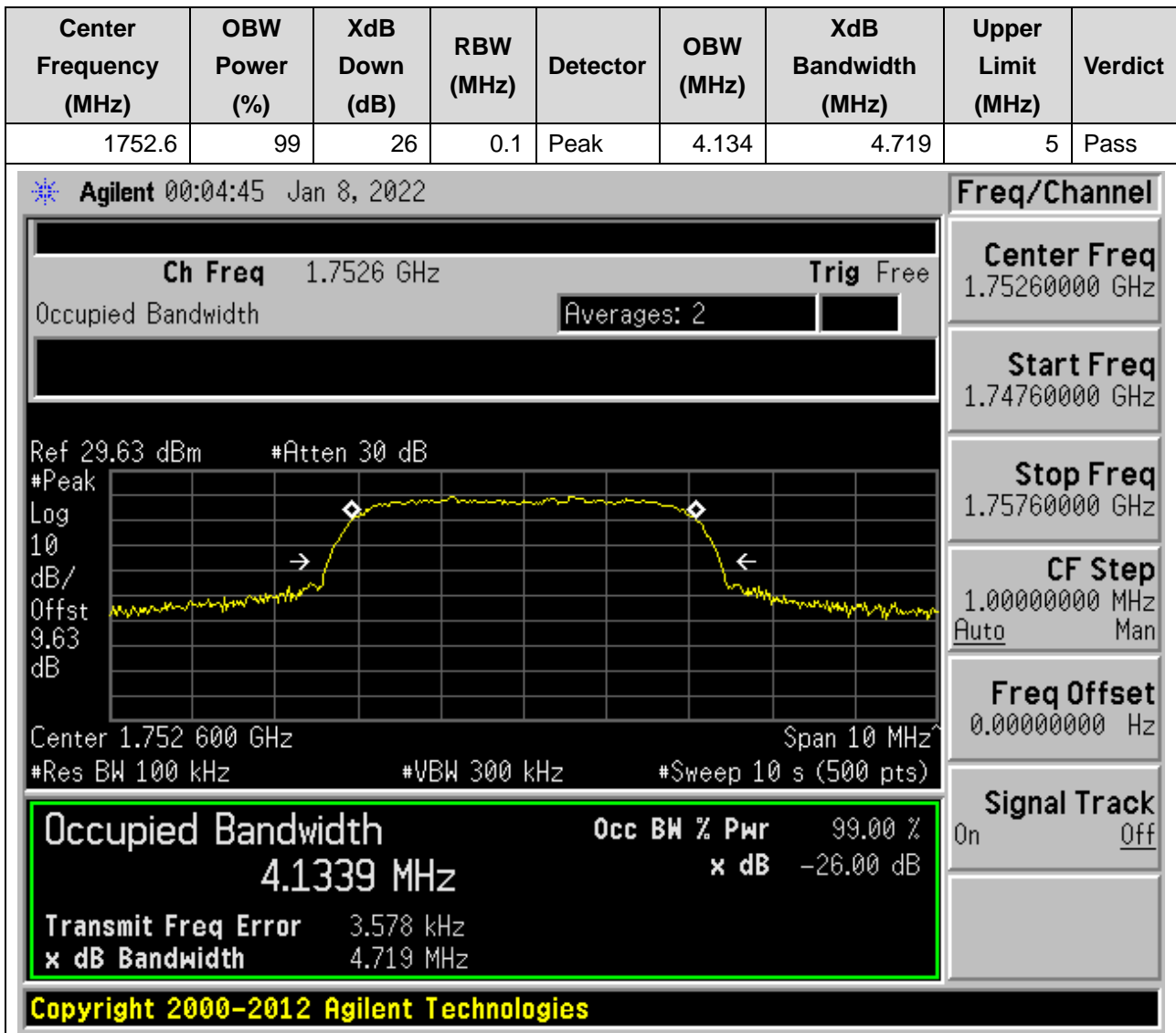
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.4	99	26	0.1	Peak	4.133	4.727	5	Pass



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



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

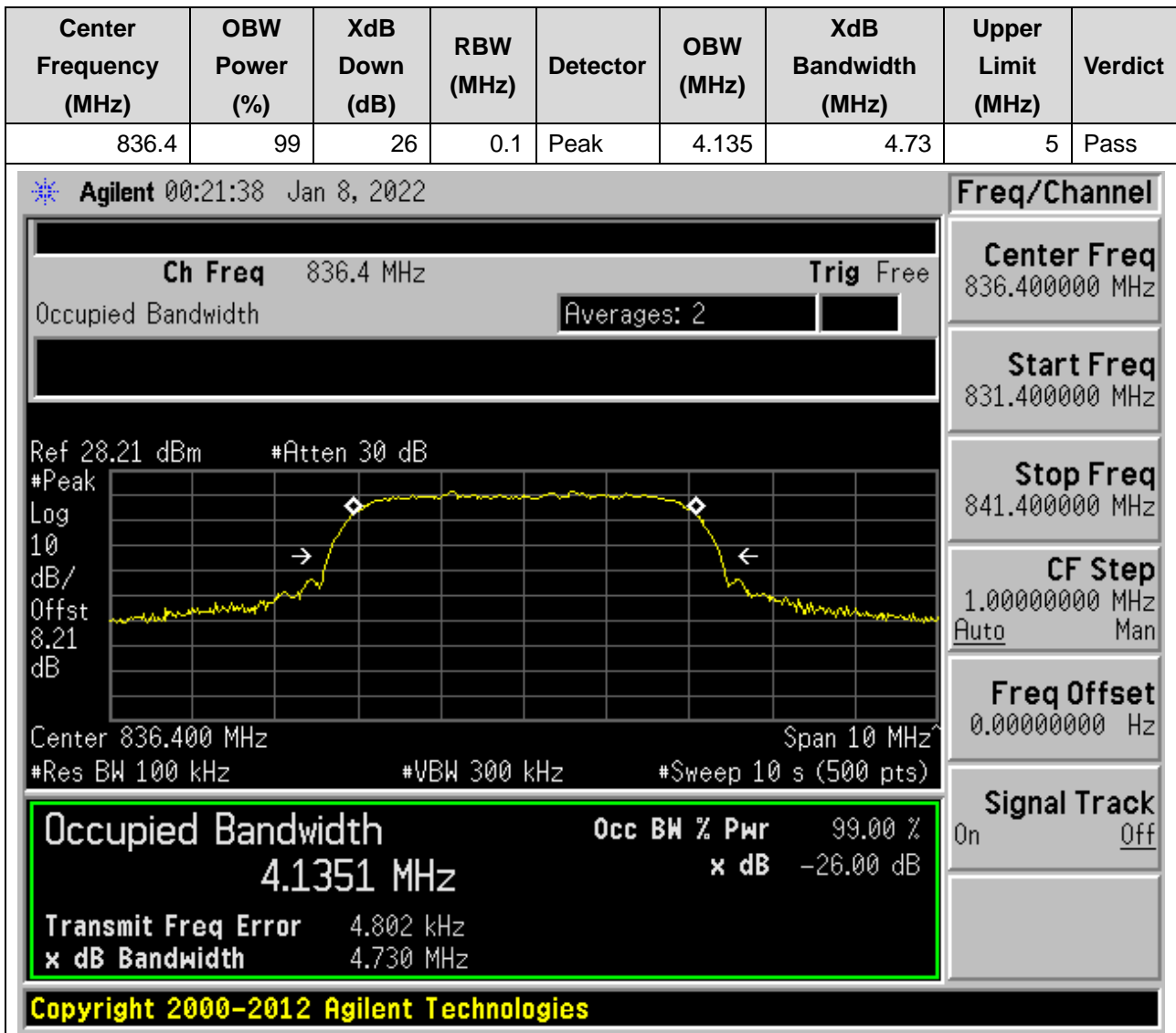


## 7. WCDMA\_Band5

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



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

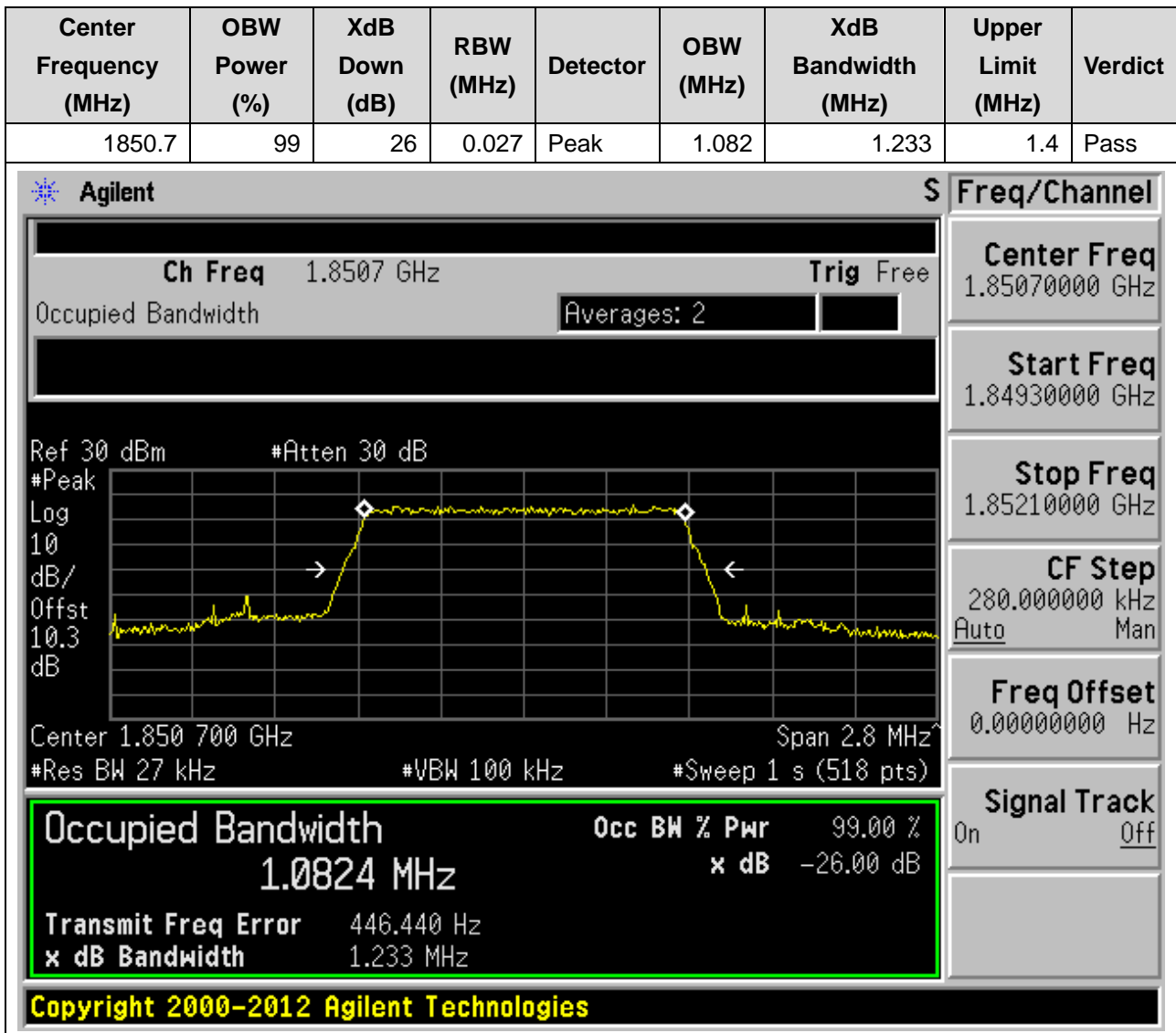


### 7.3. WCDMA Occupied Bandwidth(NTNV)(Channel:4233)



## 8. LTE\_Band2

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.7	99	26	0.027	Peak	1.088	1.23	1.4	Pass

**Agilent** S

---

**Ch Freq** 1.8507 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

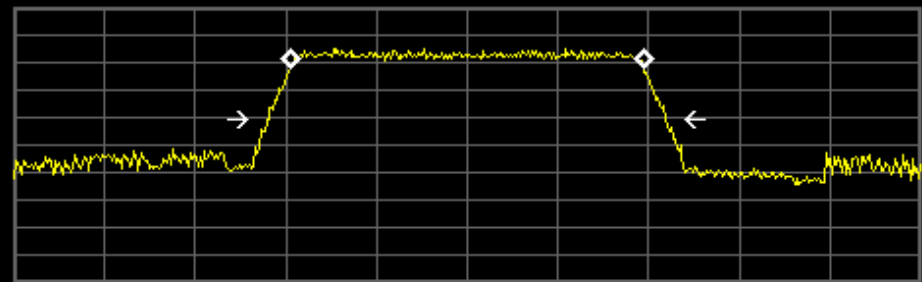
10

dB/

Offst

10.3

dB



Center 1.850 700 GHz Span 2.8 MHz

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

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0877 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.540 kHz	
<b>x dB Bandwidth</b>	1.230 MHz	

---

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**Freq/Channel**

**Center Freq** 1.85070000 GHz

**Start Freq** 1.84930000 GHz

**Stop Freq** 1.85210000 GHz

**CF Step** 280.000000 kHz  
Auto Man

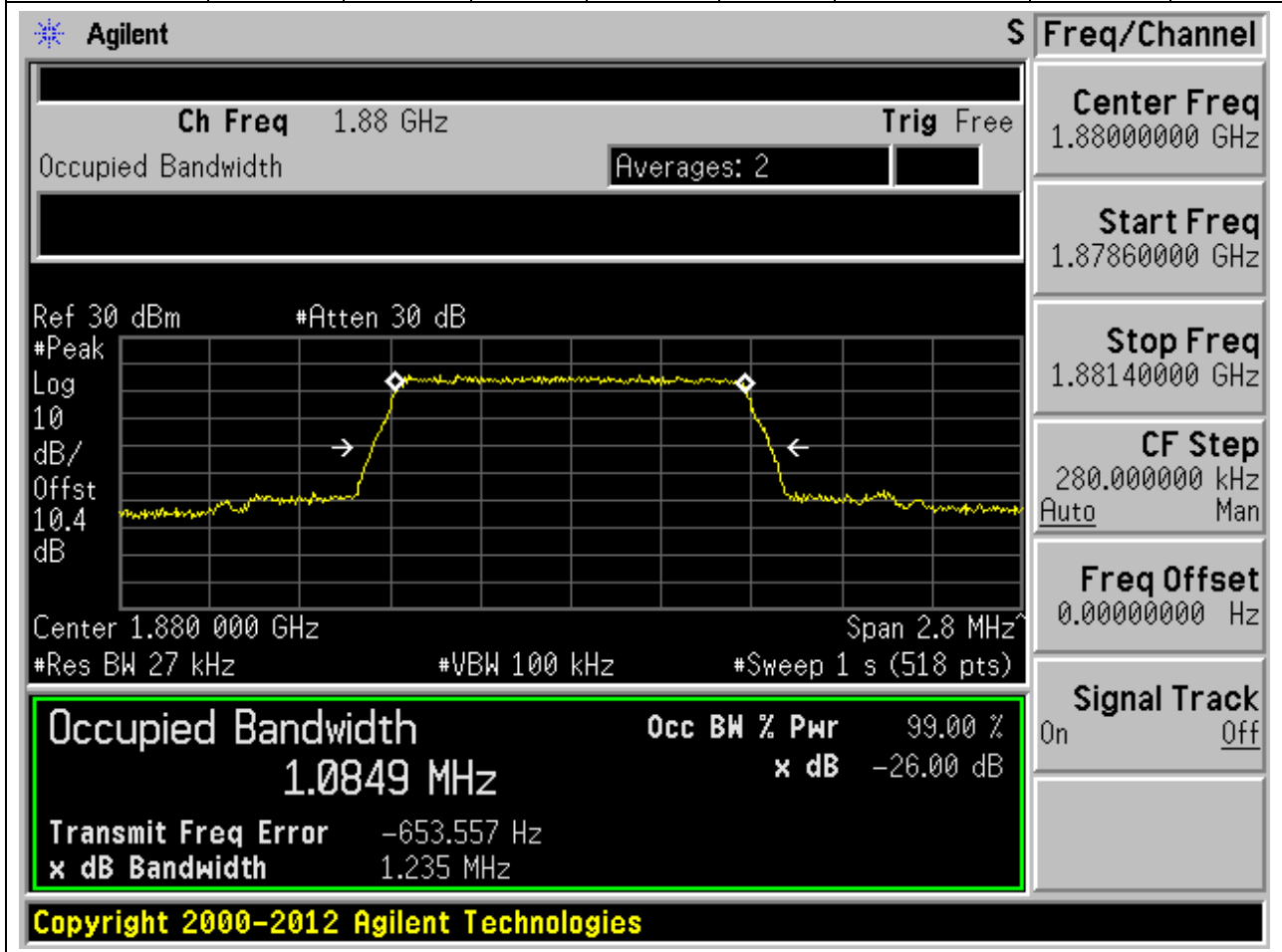
**Freq Offset** 0.00000000 Hz

**Signal Track** On Off



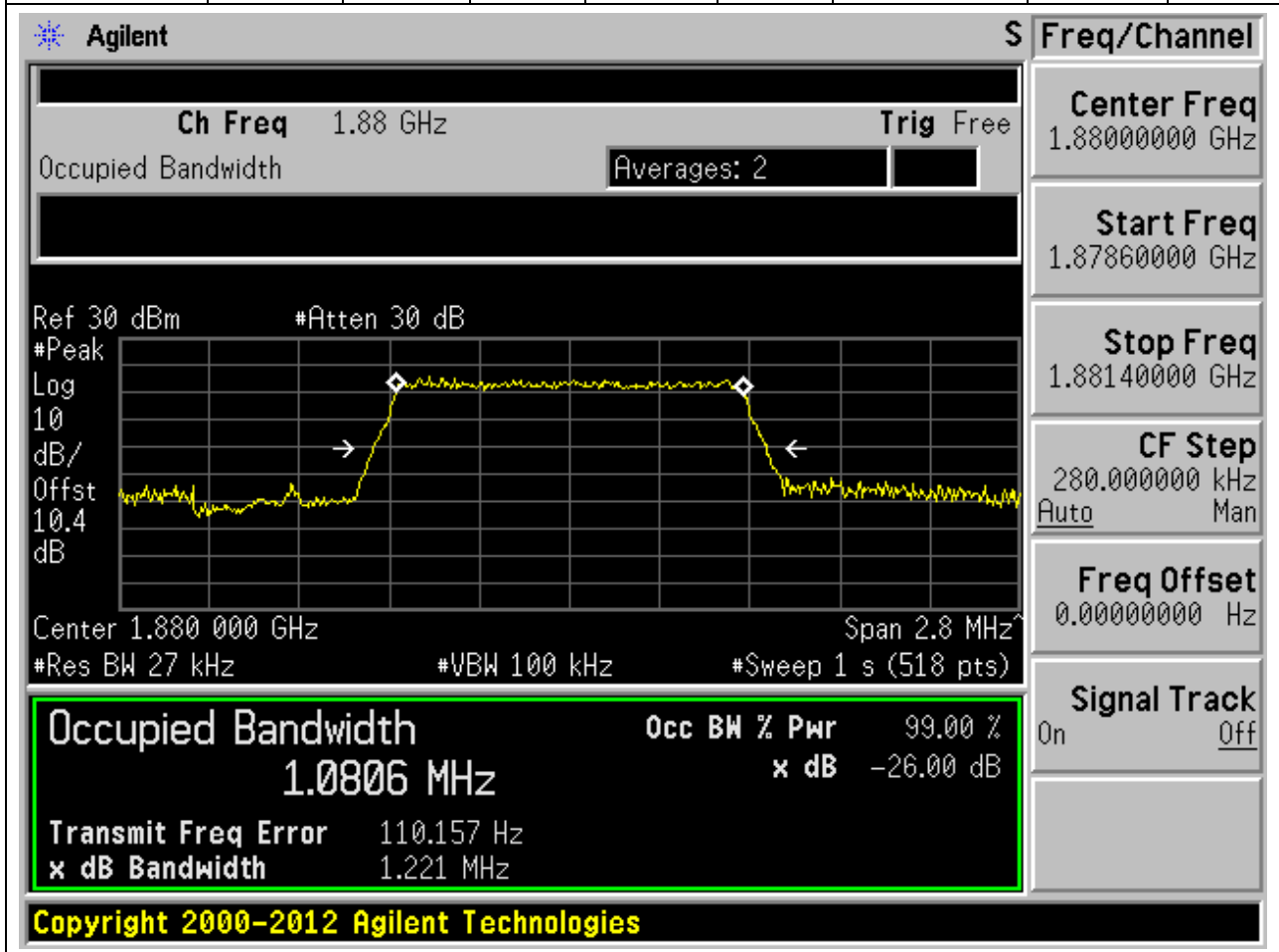
**8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.085	1.235	1.4	Pass



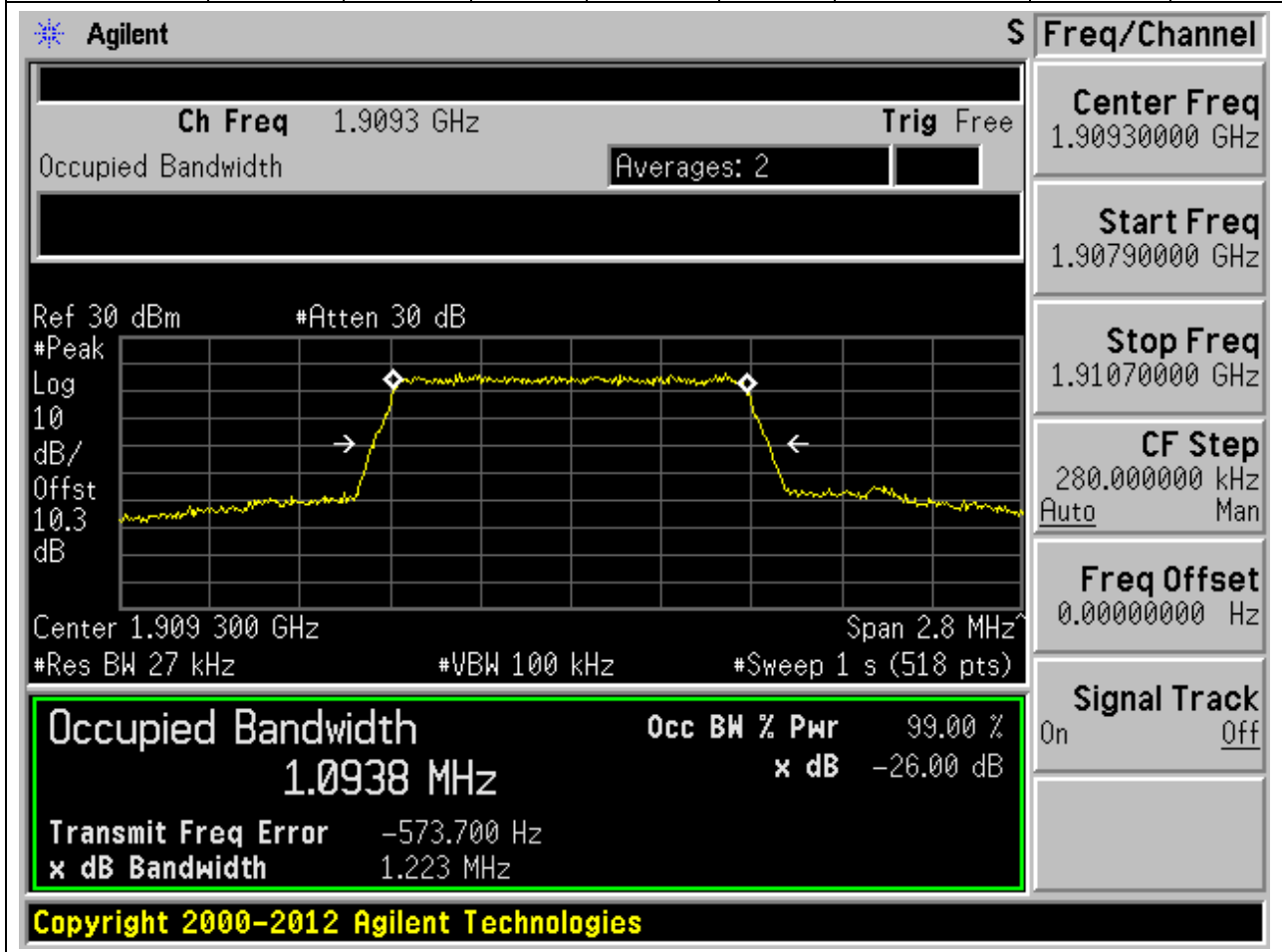
**8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.081	1.221	1.4	Pass



**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	1.094	1.223	1.4	Pass



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

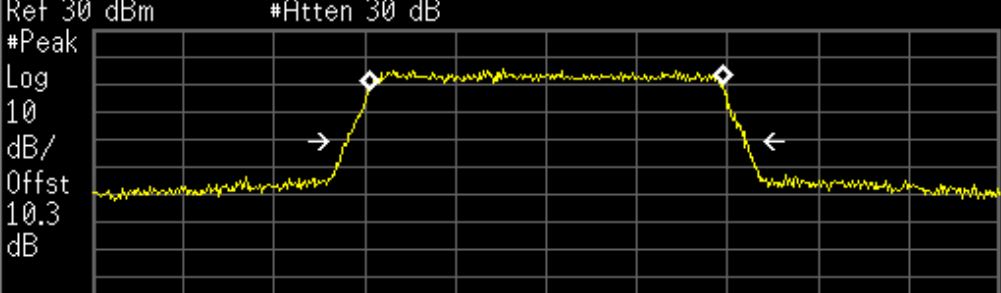
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.086	1.229	1.4	Pass

Agilent
S Freq/Channel

Ch Freq 1.9093 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



Center 1.909 300 GHz Span 2.8 MHz  
 #Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

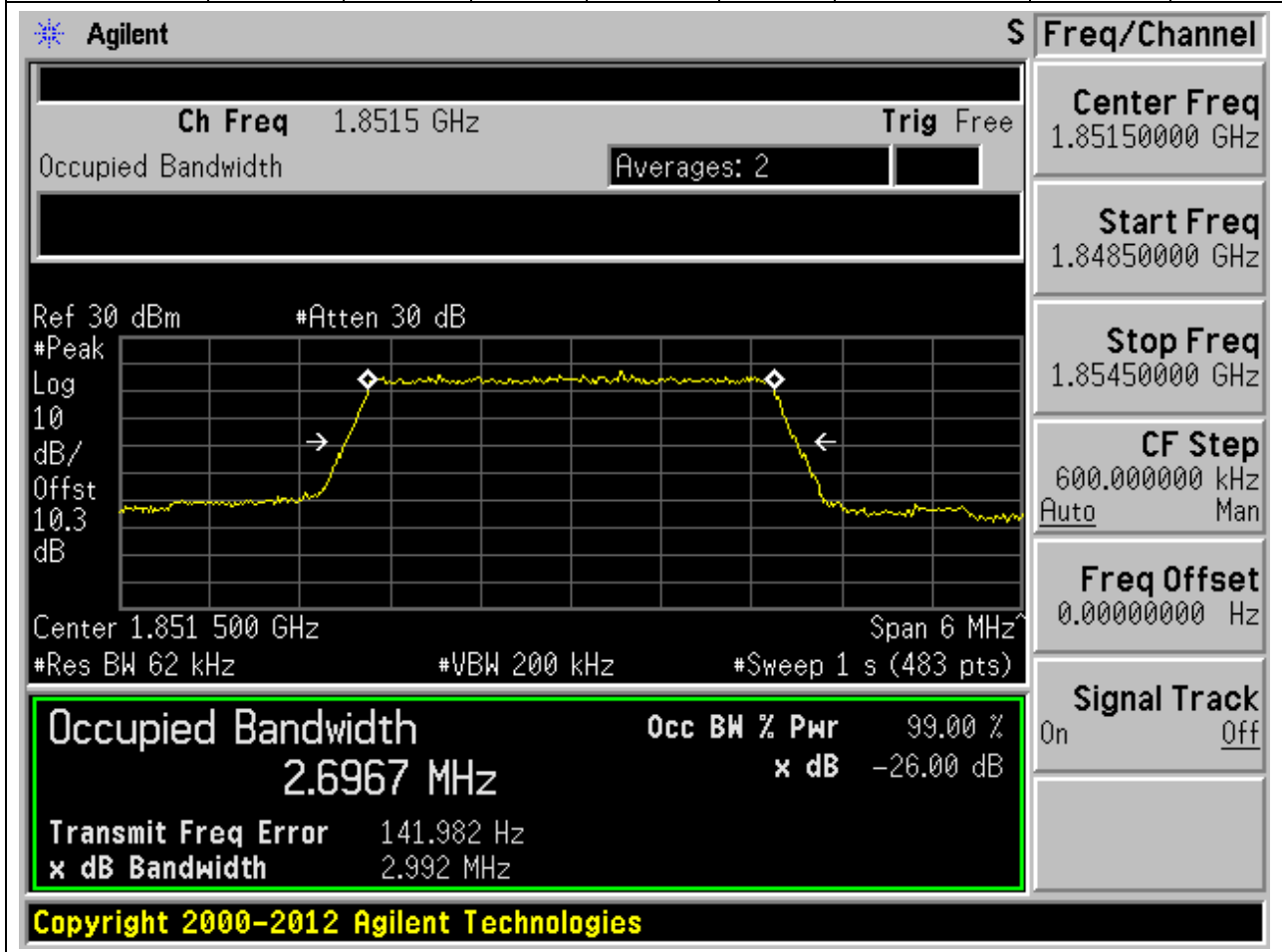
Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0856 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.334 kHz	
x dB Bandwidth	1.229 MHz	

Signal Track	On <u>Off</u>
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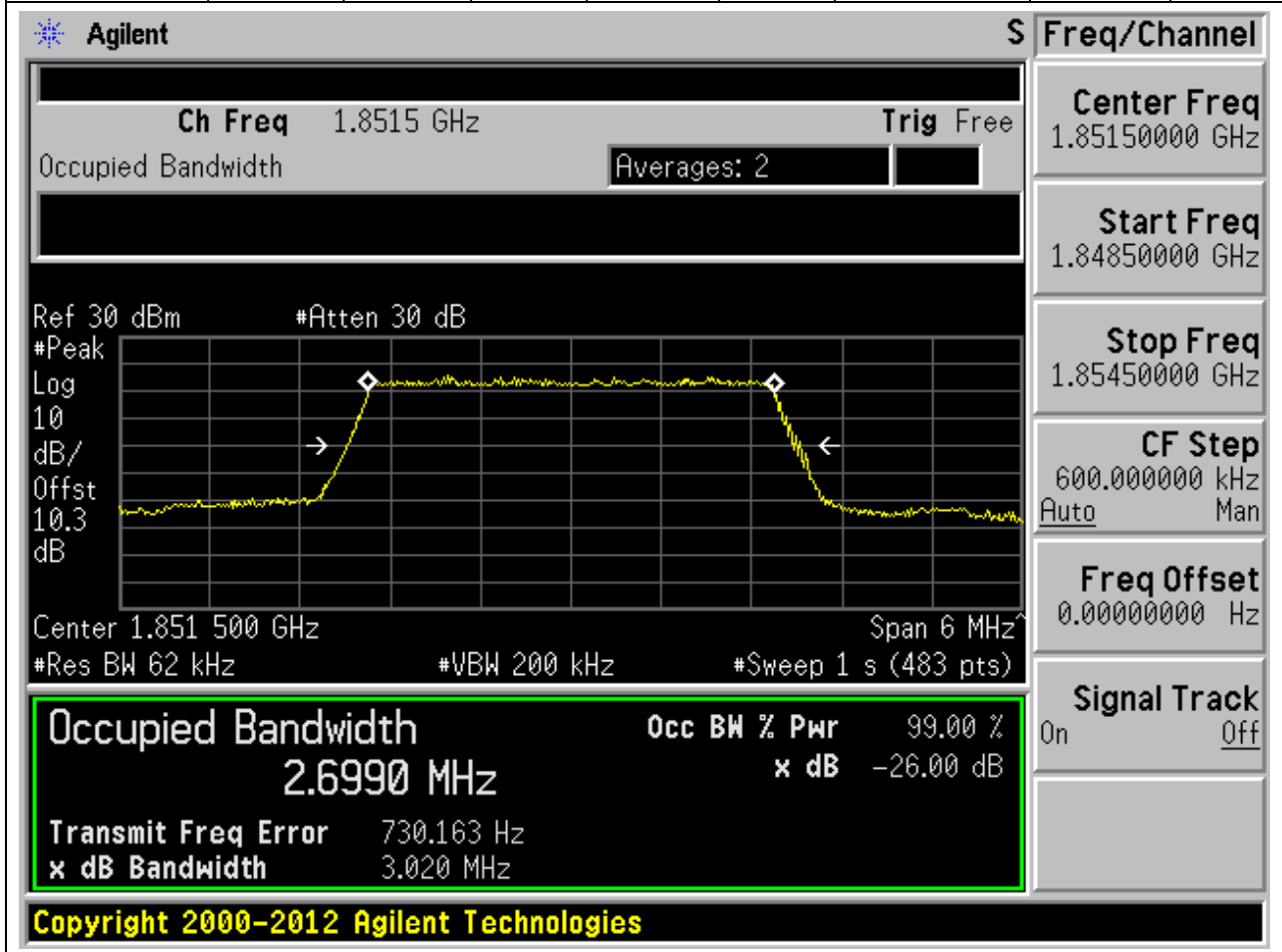
**8.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.697	2.992	3	Pass



**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	2.699	3.02	3	Pass



**Agilent** S Freq/Channel

Ch Freq 1.8515 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.851 500 GHz Span 6 MHz

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

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

2.6990 MHz x dB -26.00 dB

Transmit Freq Error 730.163 Hz

x dB Bandwidth 3.020 MHz

Signal Track On Off

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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	2.702	3.008	3	Pass

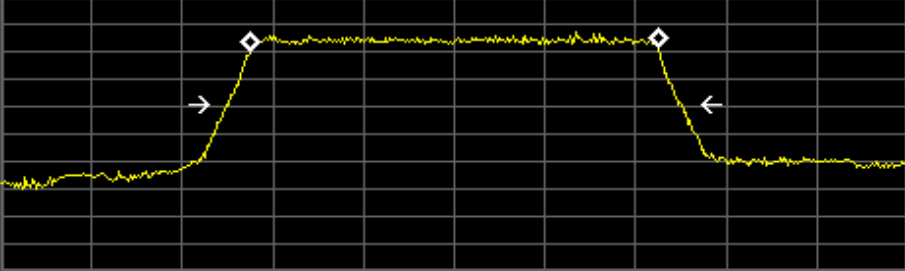
**Agilent**
S

**Ch Freq** 1.88 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.4  
 dB



Center 1.880 000 GHz
Span 6 MHz

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

**Occupied Bandwidth**

**2.7017 MHz**

Transmit Freq Error -1.656 kHz

x dB Bandwidth 3.008 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Freq/Channel**

**Center Freq** 1.88000000 GHz

**Start Freq** 1.87700000 GHz

**Stop Freq** 1.88300000 GHz

**CF Step** 600.000000 kHz  
Auto Man

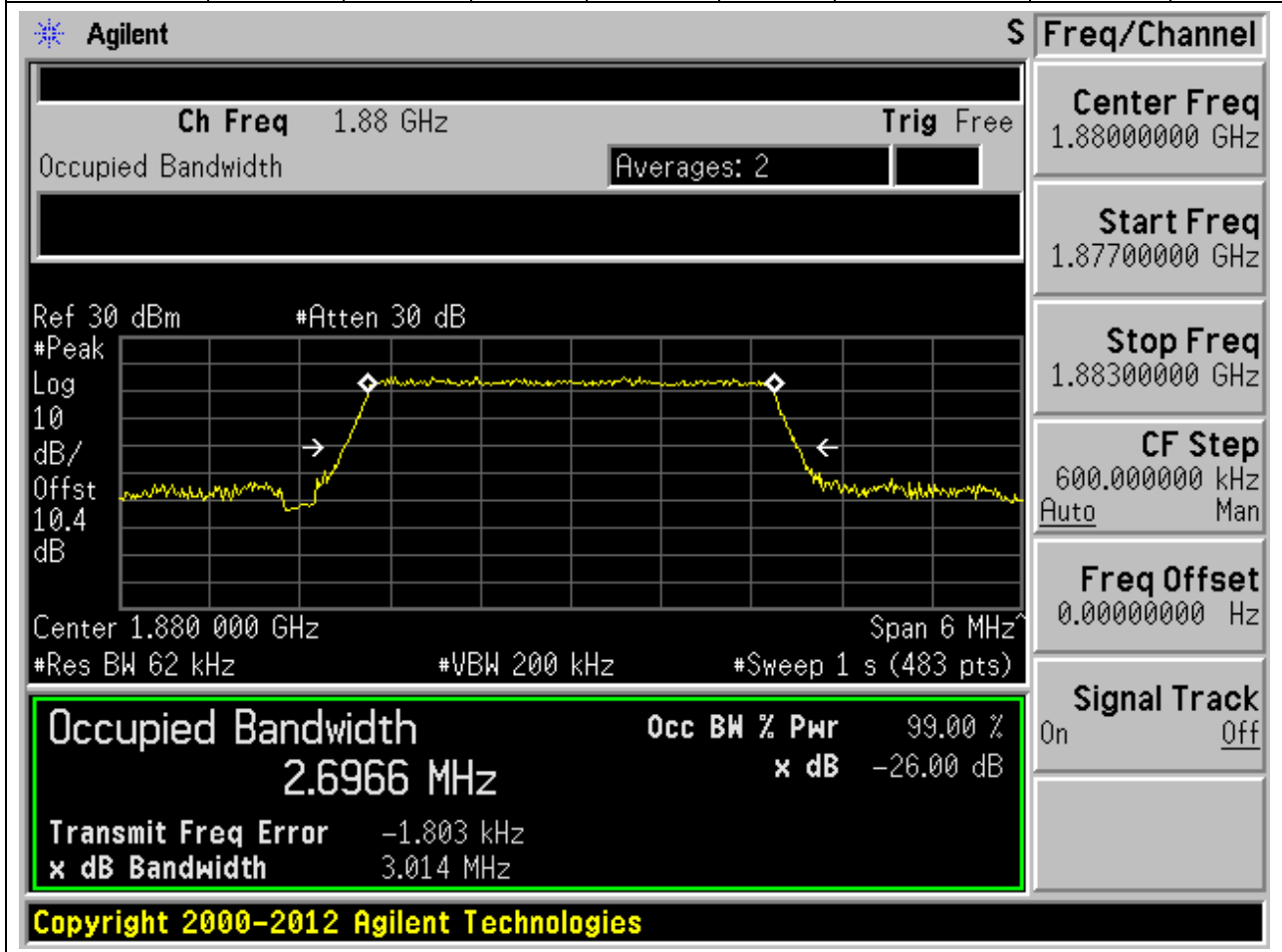
**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

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

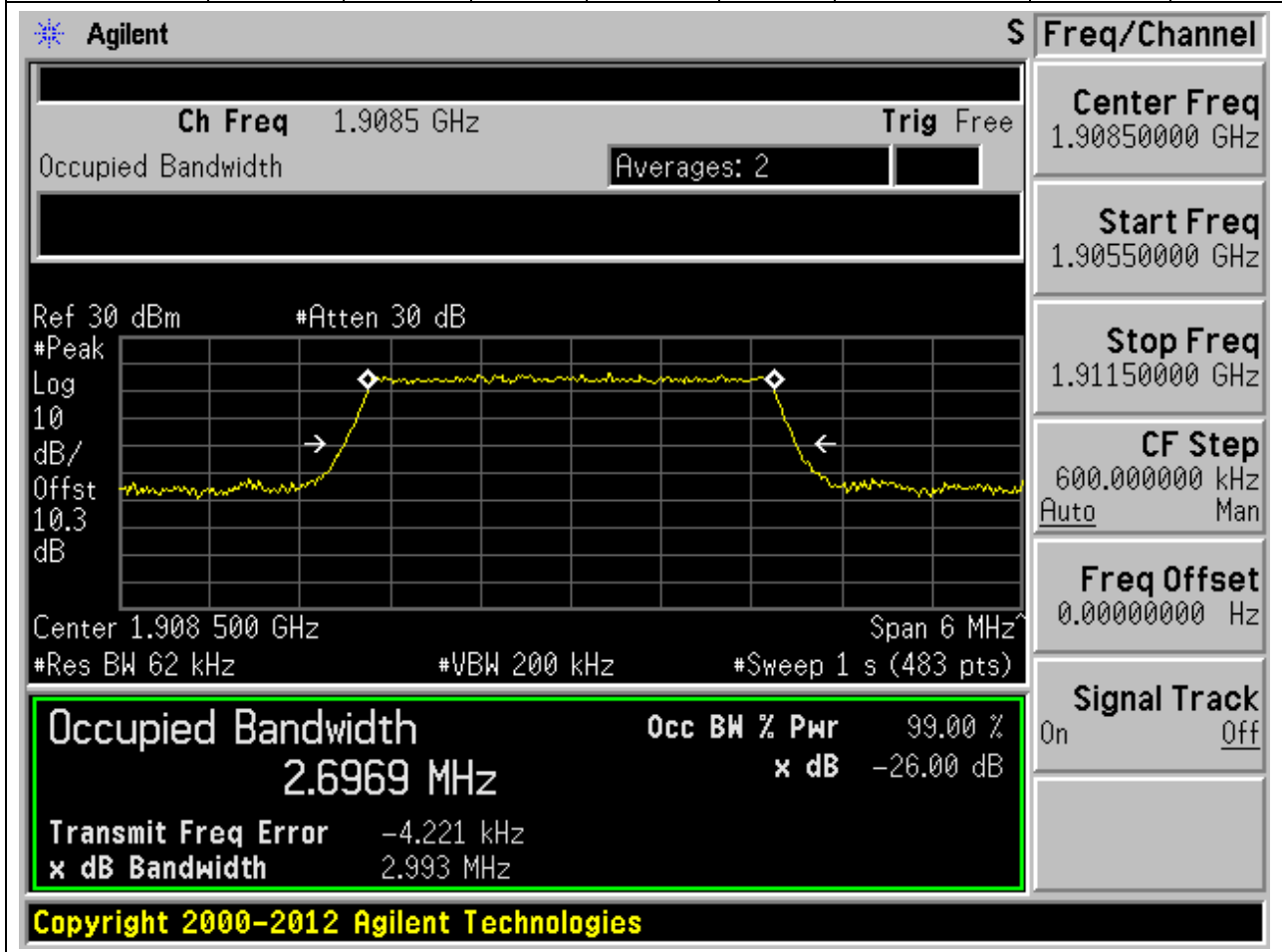
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.697	3.014	3	Pass





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

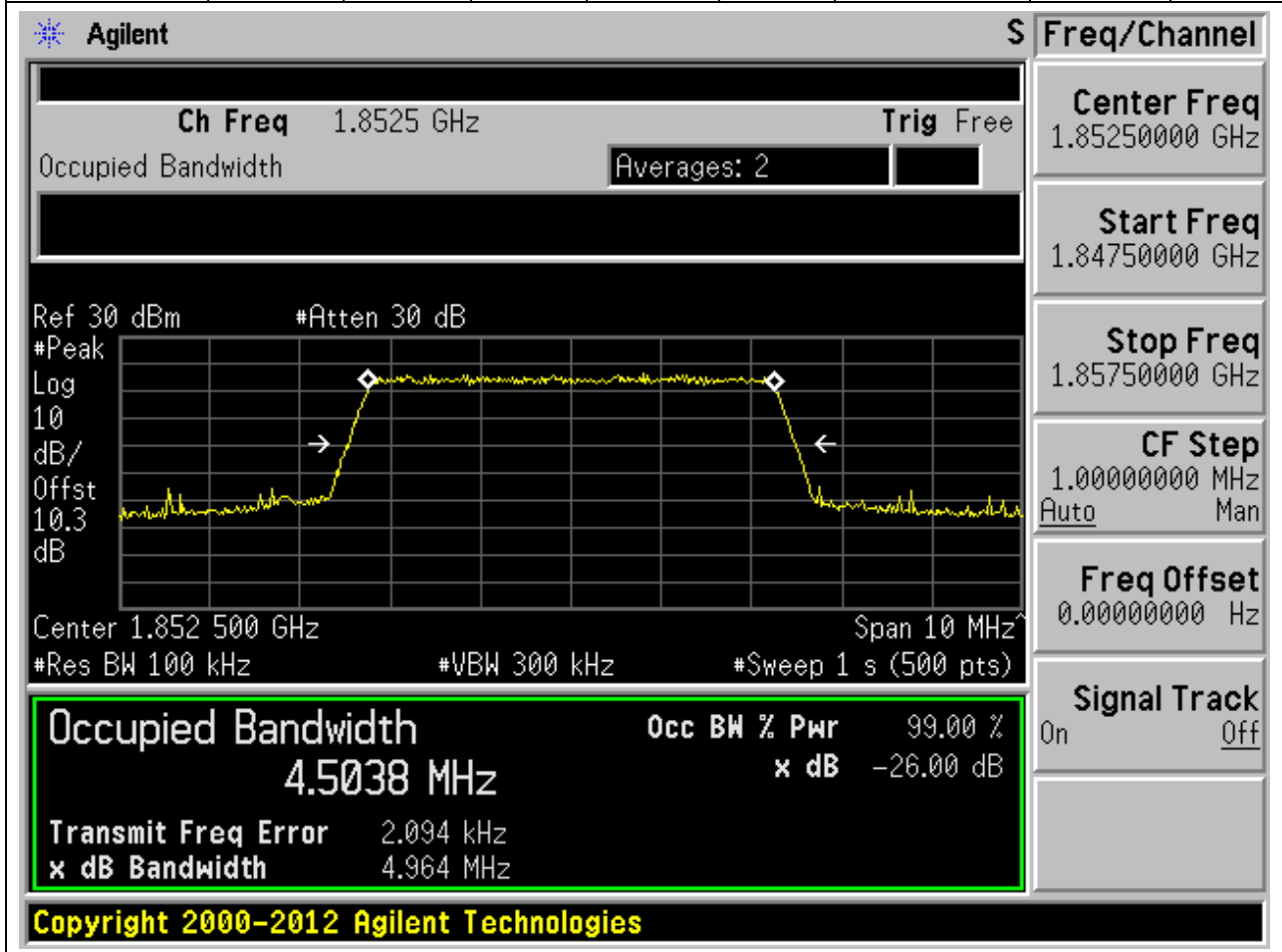
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.697	2.993	3	Pass





**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	4.504	4.964	5	Pass



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

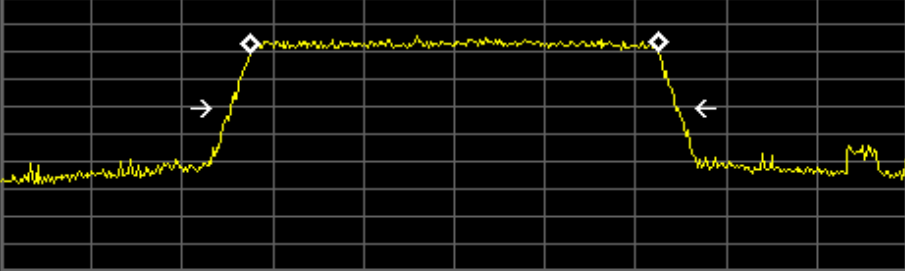
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.493	4.921	5	Pass

Agilent
S Freq/Channel

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 1.852 500 GHz Span 10 MHz

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

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

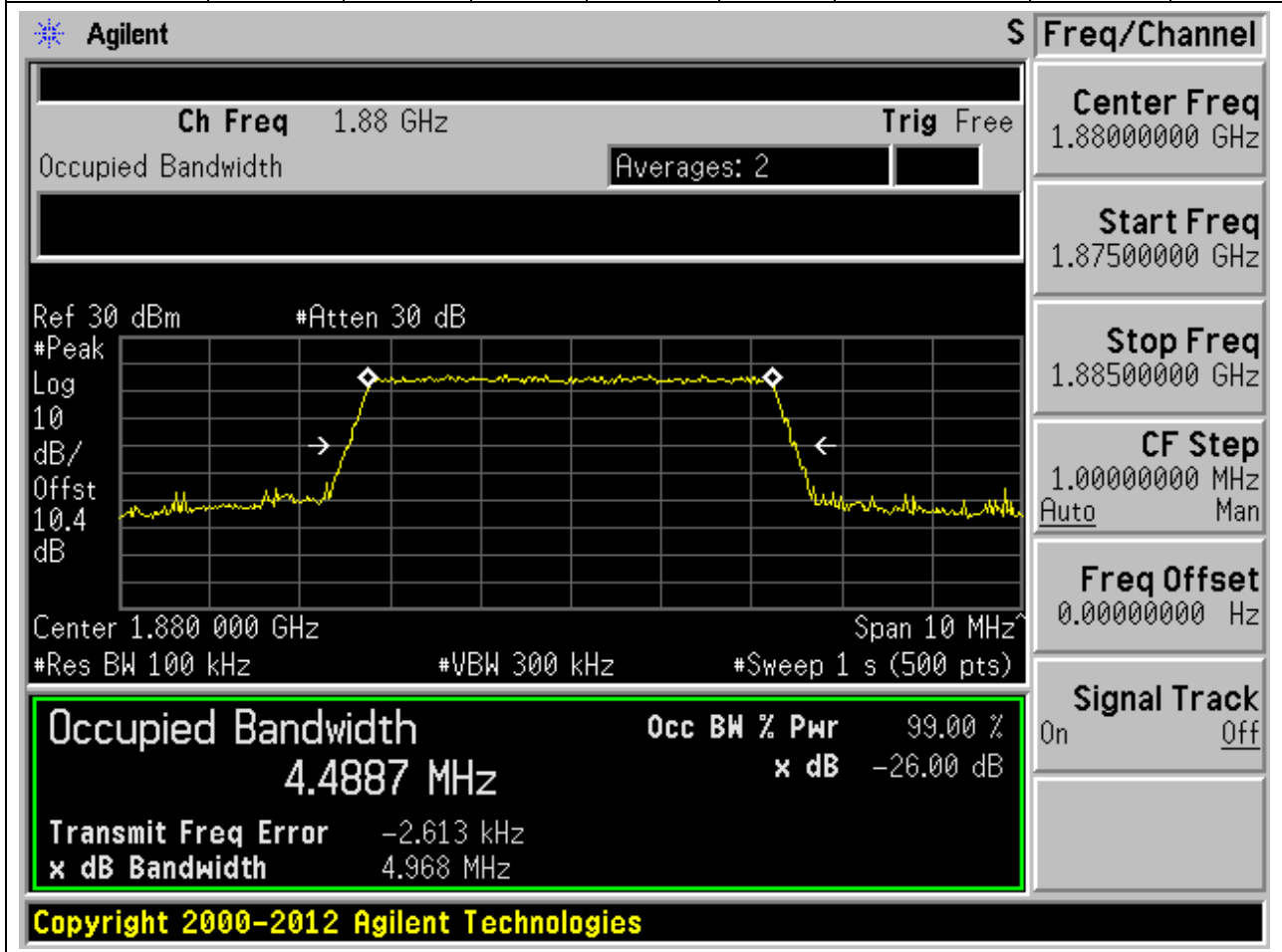
Signal Track  
On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4930 MHz	x dB	-26.00 dB
Transmit Freq Error	608.492 Hz	
x dB Bandwidth	4.921 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.489	4.968	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.497	4.955	5	Pass

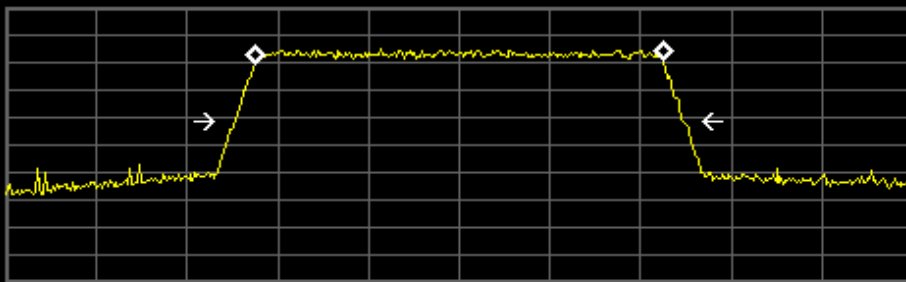
Agilent
S Freq/Channel

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB



Center 1.880 000 GHz
Span 10 MHz

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

**Occupied Bandwidth**

**4.4970 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.645 kHz

x dB Bandwidth 4.955 MHz

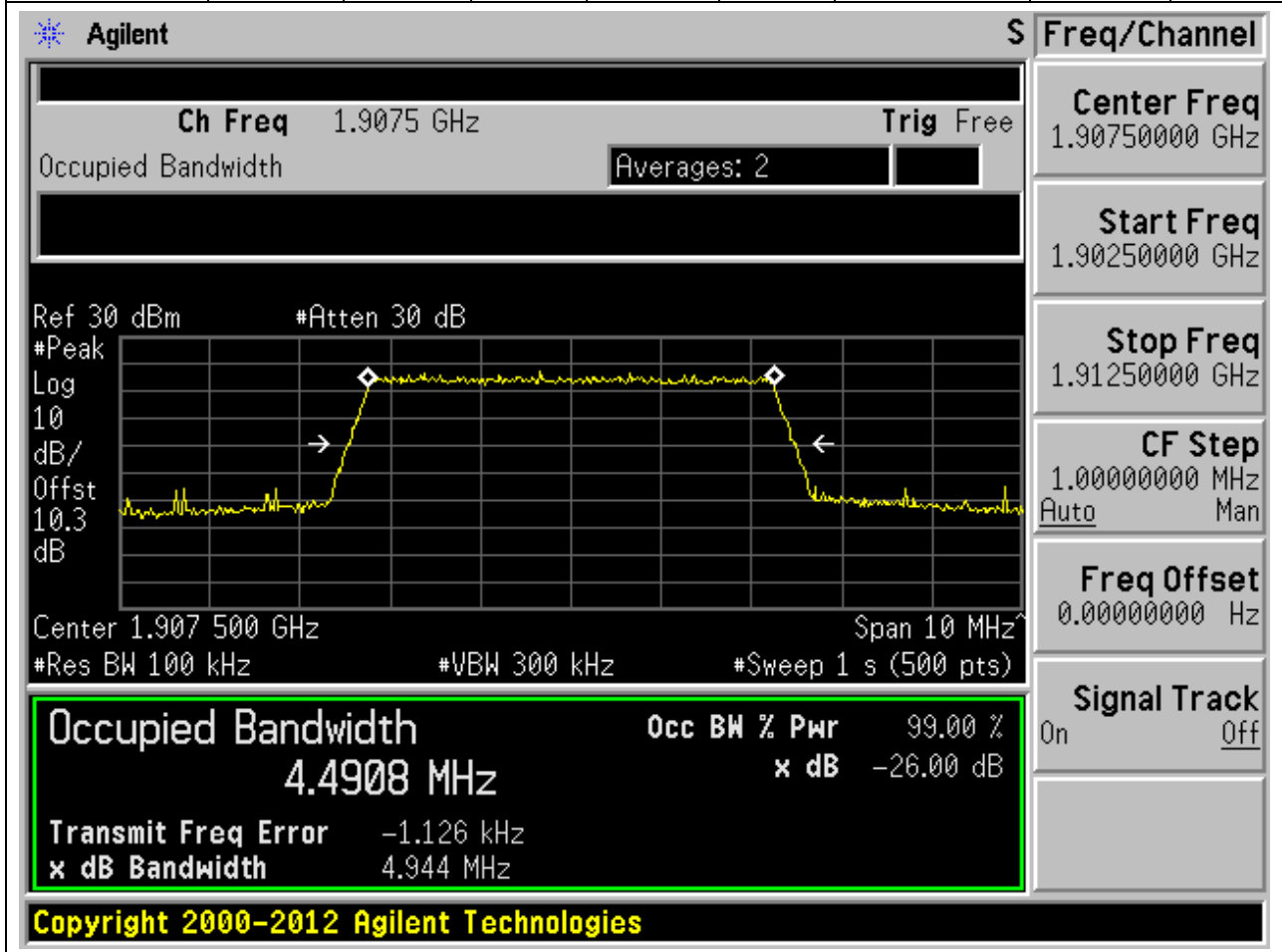
**Signal Track**

On Off

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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	4.491	4.944	5	Pass



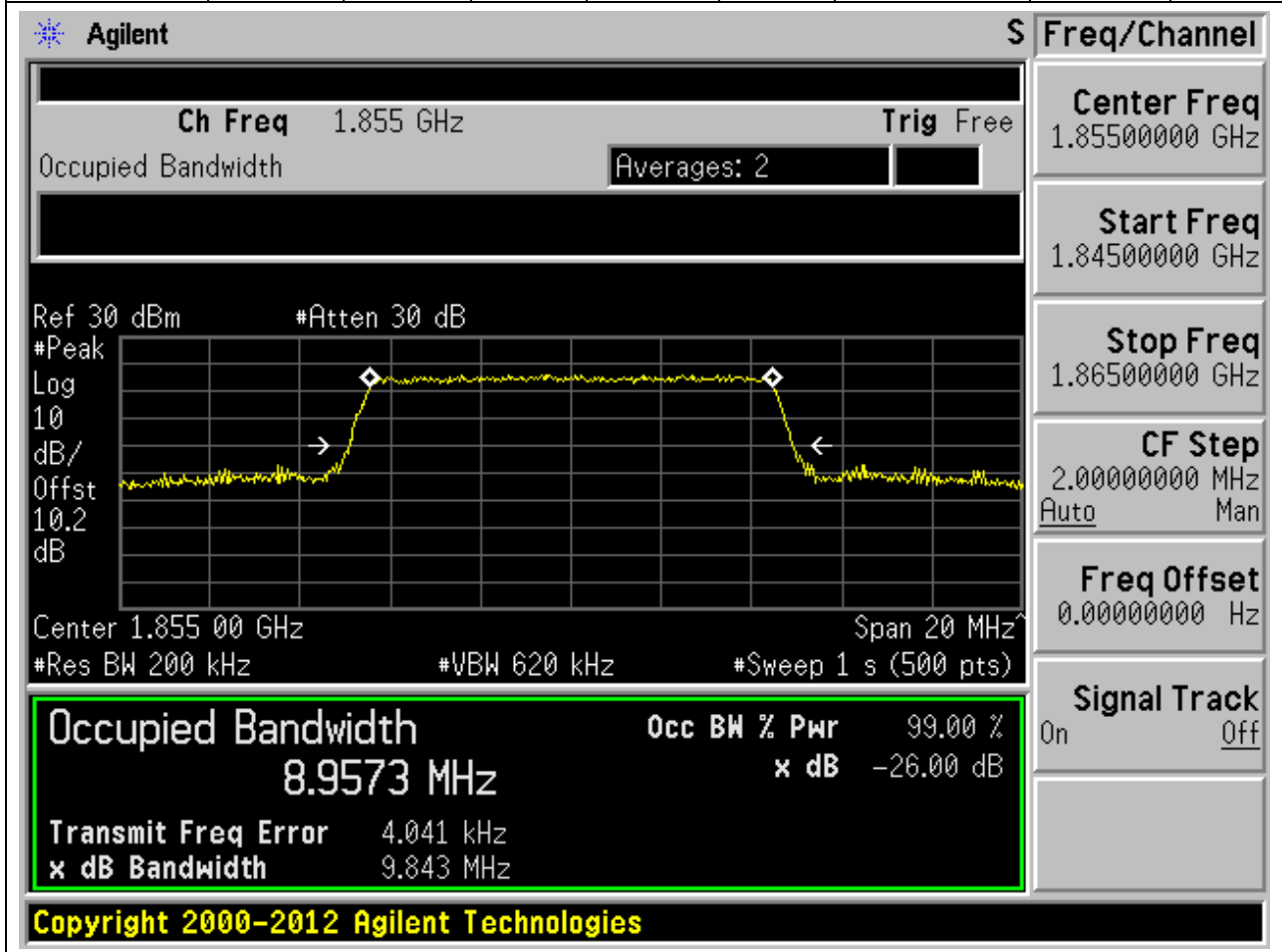
8.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)





**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	8.957	9.843	10	Pass



**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	8.959	9.769	10	Pass

**Agilent** S

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**Ch Freq** 1.855 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

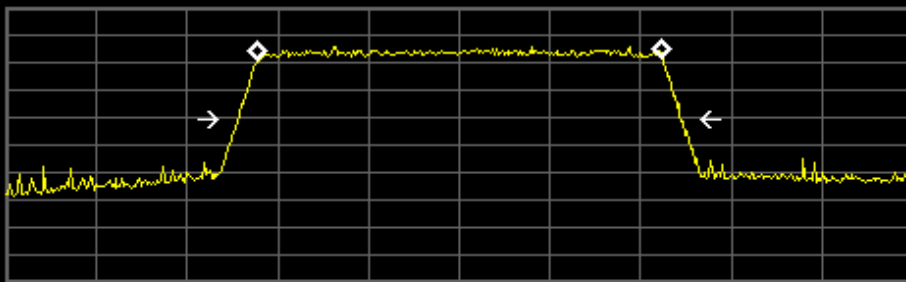
10

dB/

Offst

10.2

dB



Center 1.855 00 GHz Span 20 MHz

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

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9589 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	7.030 kHz	
<b>x dB Bandwidth</b>	9.769 MHz	

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**Freq/Channel**

**Center Freq**  
1.85500000 GHz

**Start Freq**  
1.84500000 GHz

**Stop Freq**  
1.86500000 GHz


**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

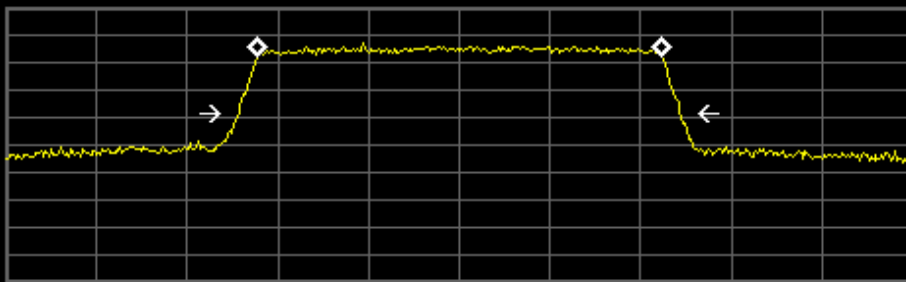
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.947	9.761	10	Pass

 Agilent
S

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 1.880 00 GHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

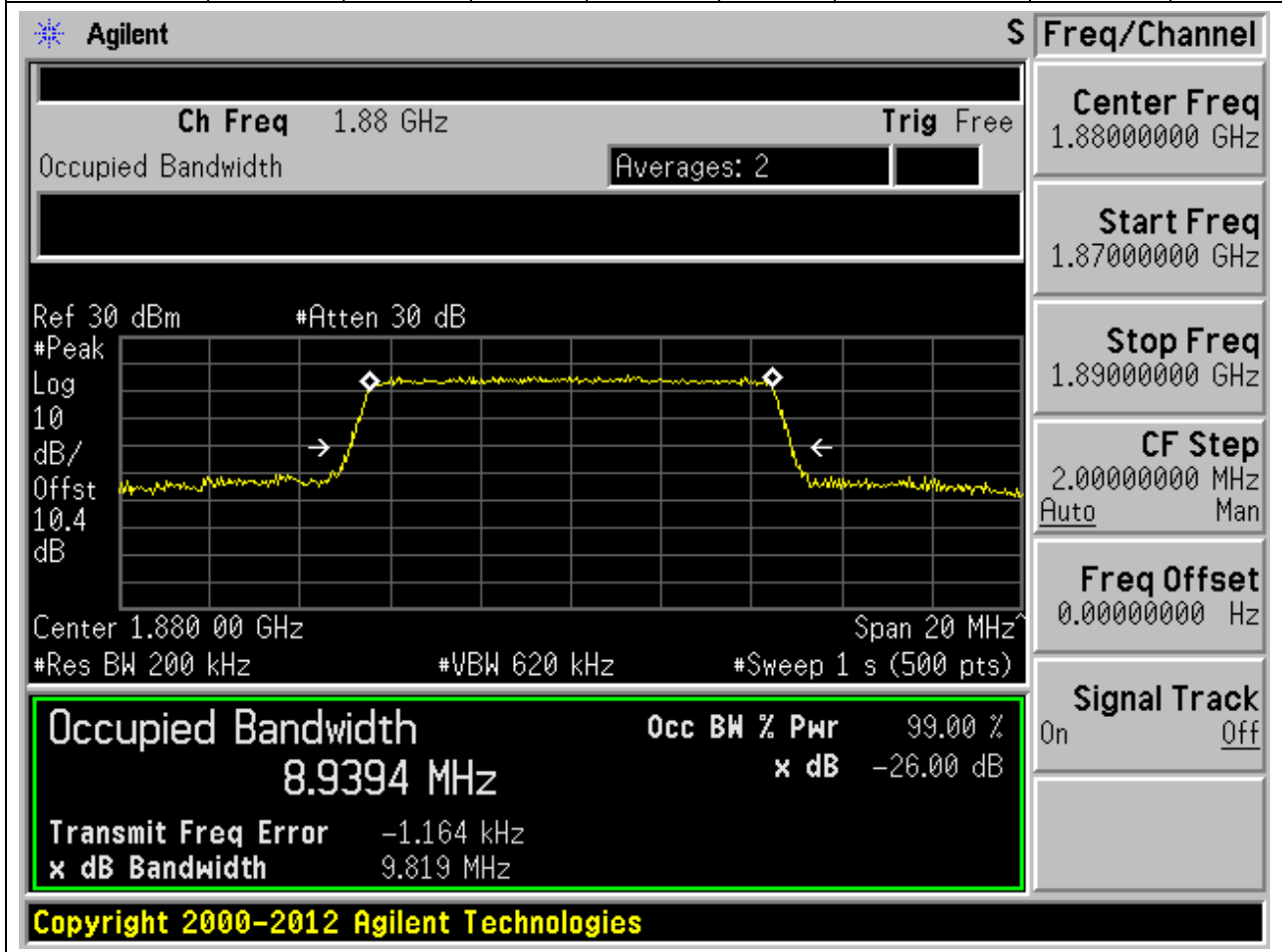
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9474 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		6.105 kHz
<b>x dB Bandwidth</b>		9.761 MHz

<b>Freq/Channel</b>	
Center Freq	1.88000000 GHz
Start Freq	1.87000000 GHz
Stop Freq	1.89000000 GHz
CF Step	2.00000000 MHz
	Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

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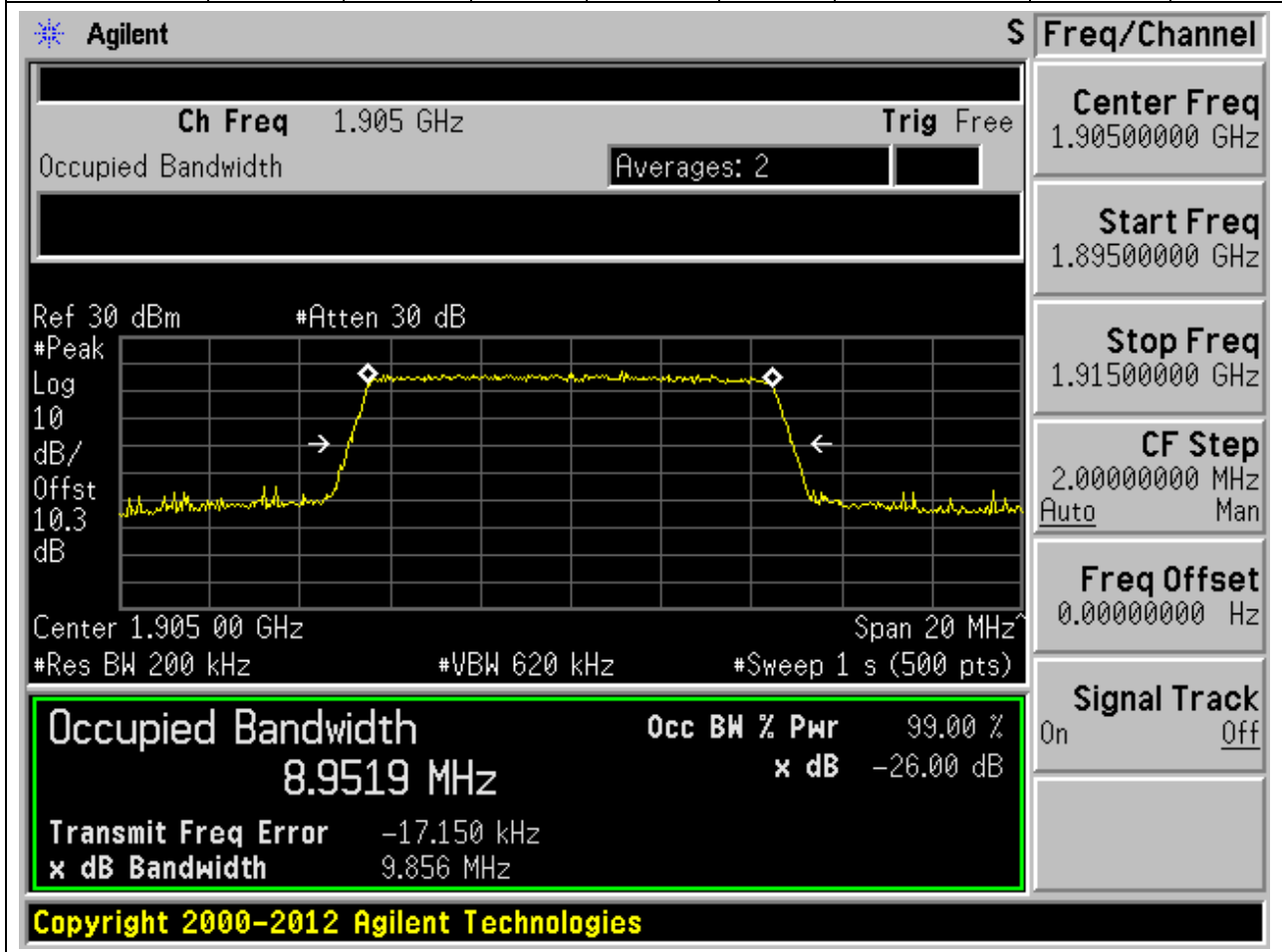
8.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.939	9.819	10	Pass



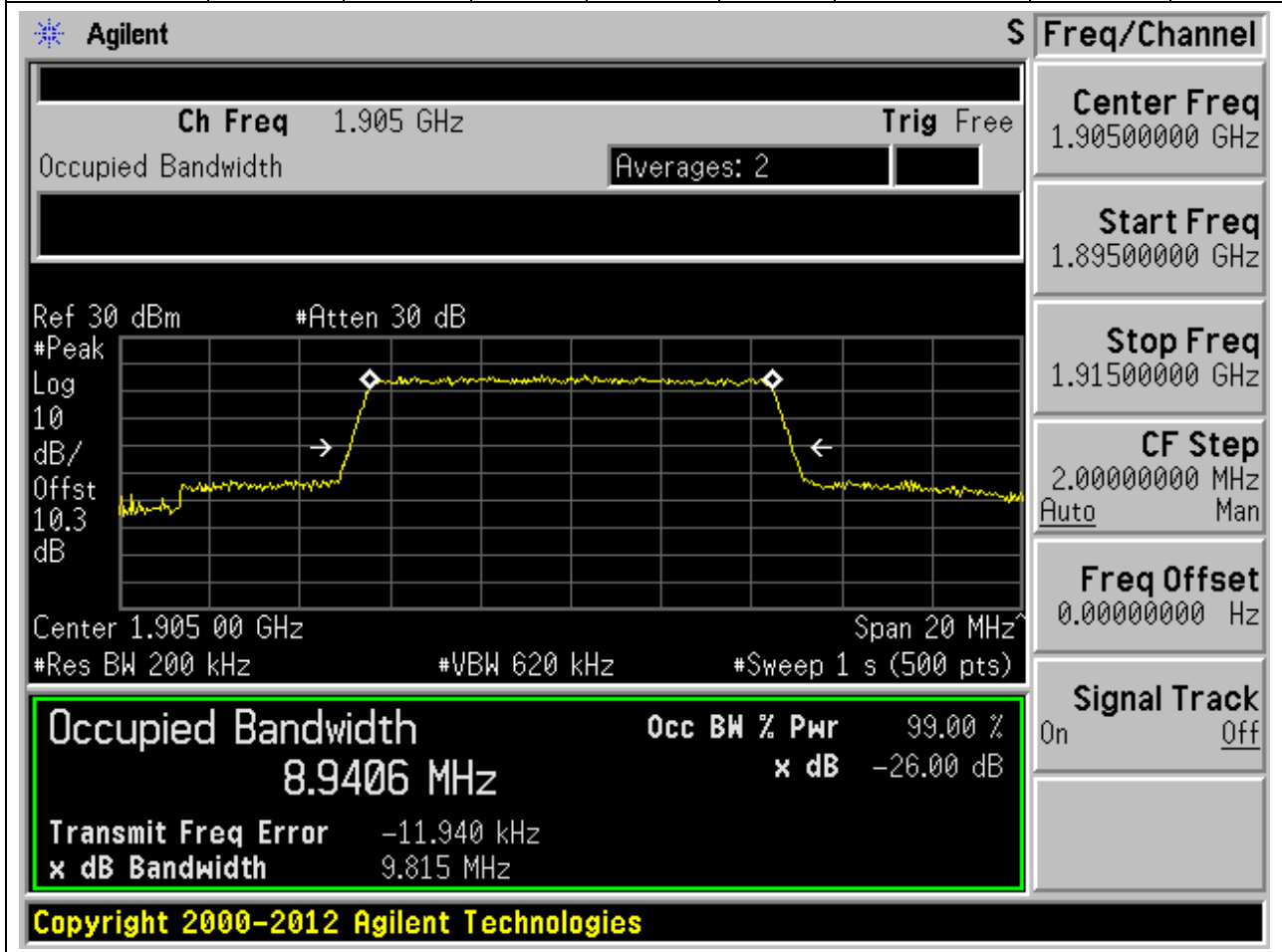
**8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.952	9.856	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	8.941	9.815	10	Pass



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

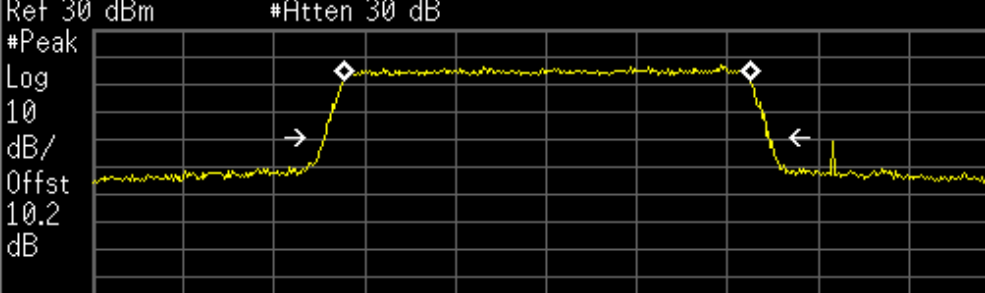
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.456	14.776	15	Pass

 Agilent
S

**Ch Freq** 1.8575 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 1.857 50 GHz Span 30 MHz

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

**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

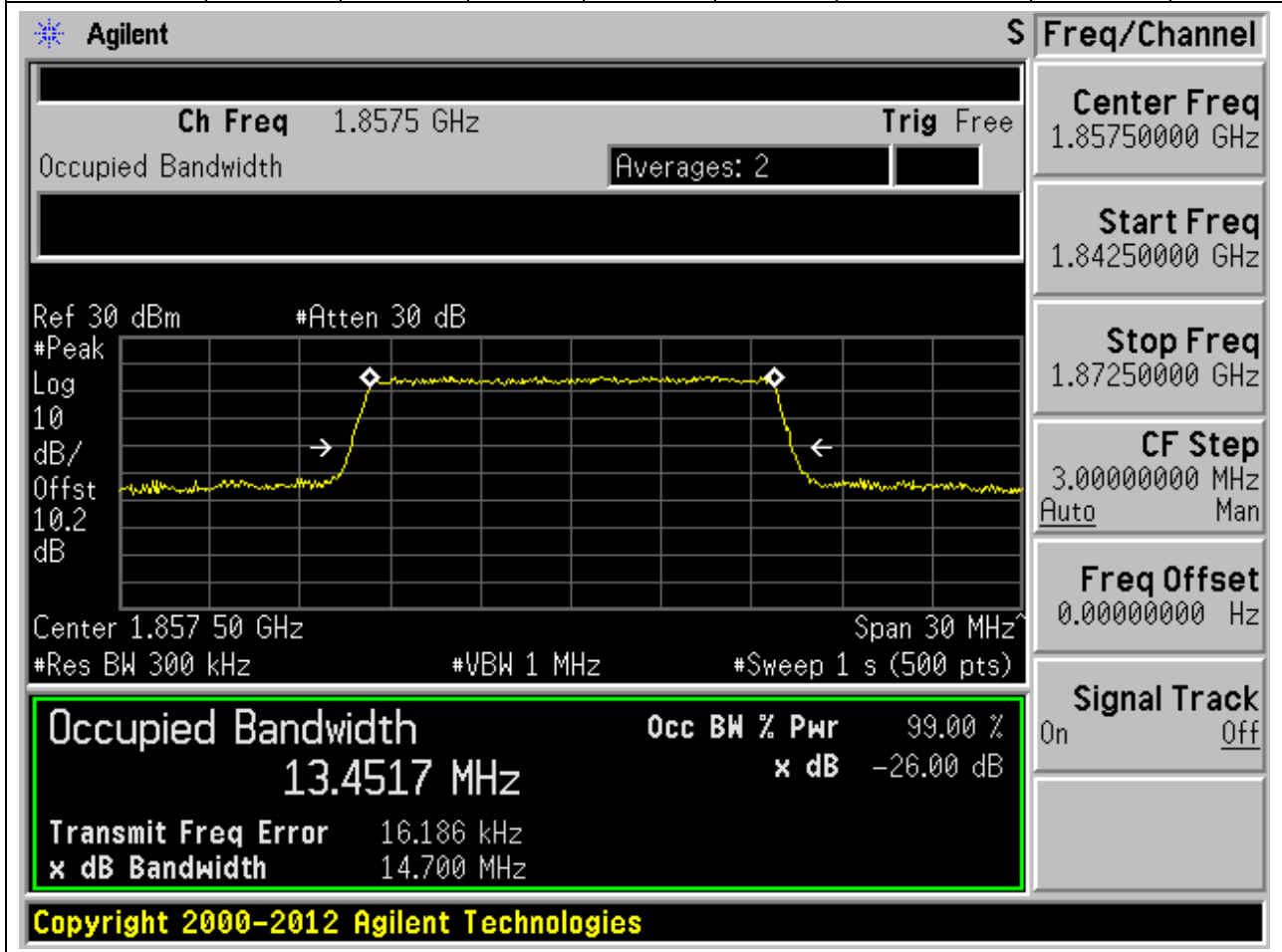
**Signal Track**  
On Off

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4559 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	12.601 kHz	
<b>x dB Bandwidth</b>	14.776 MHz	

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

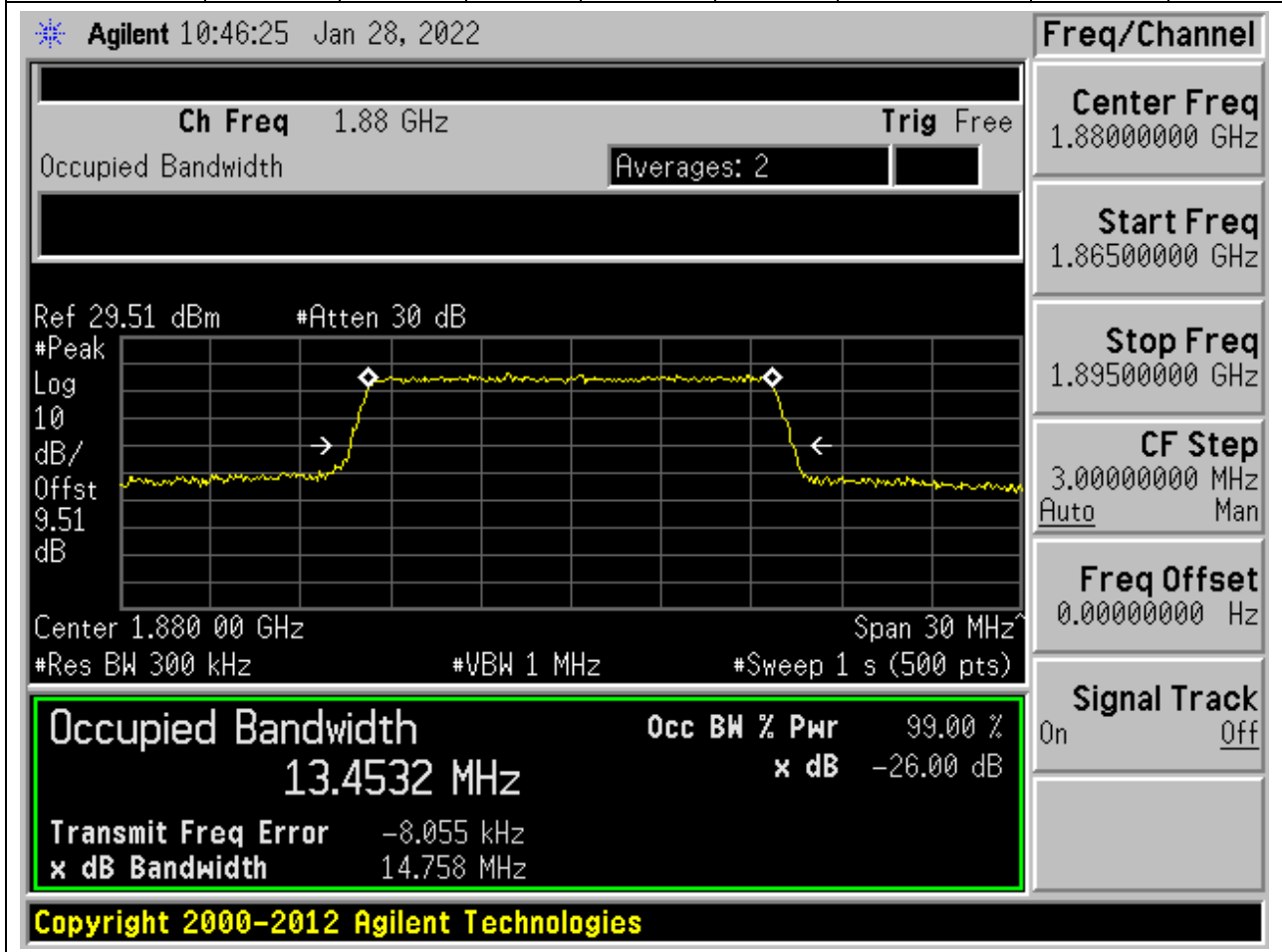
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.452	14.7	15	Pass





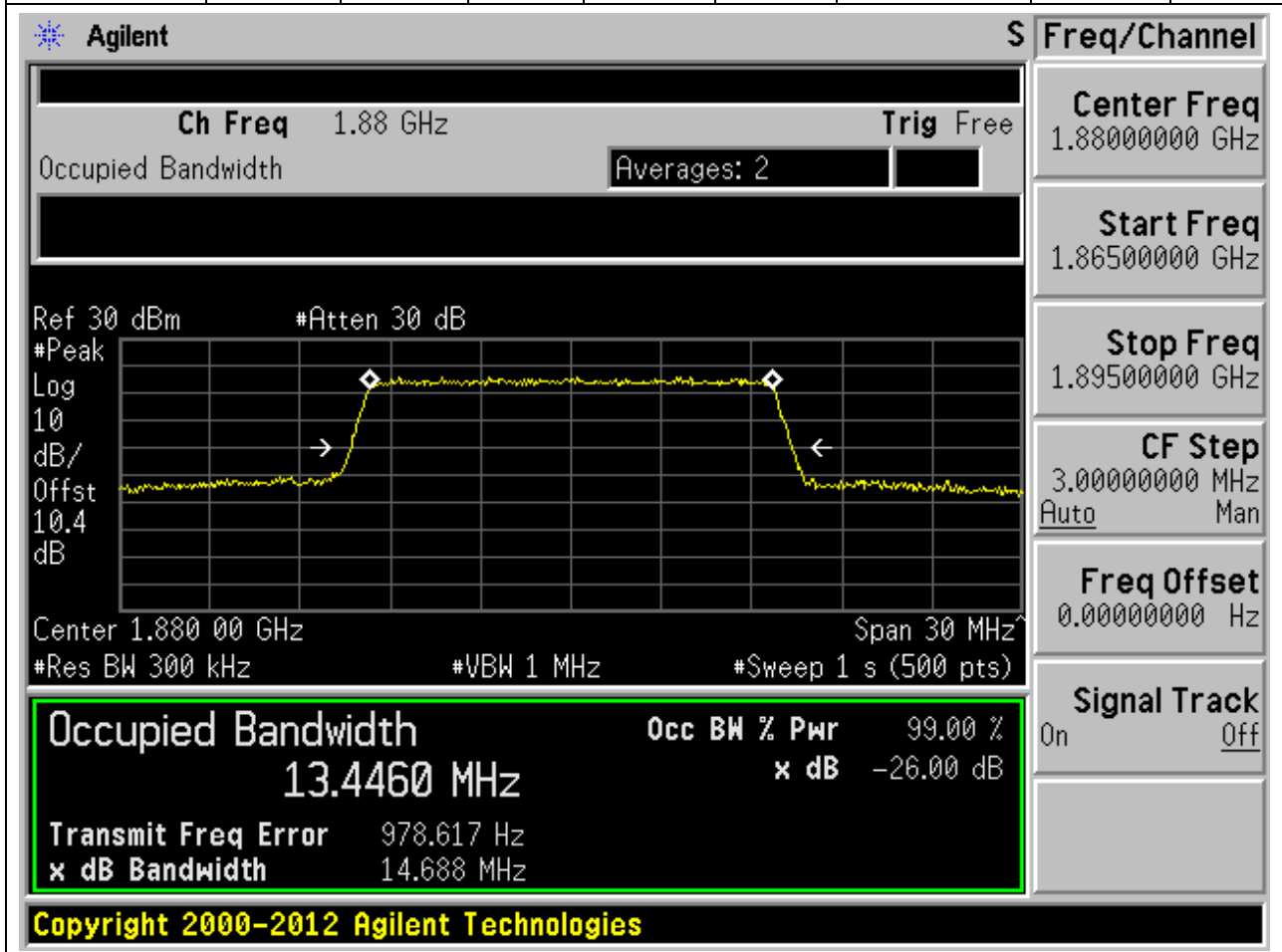
**8.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.453	14.758	15	Pass



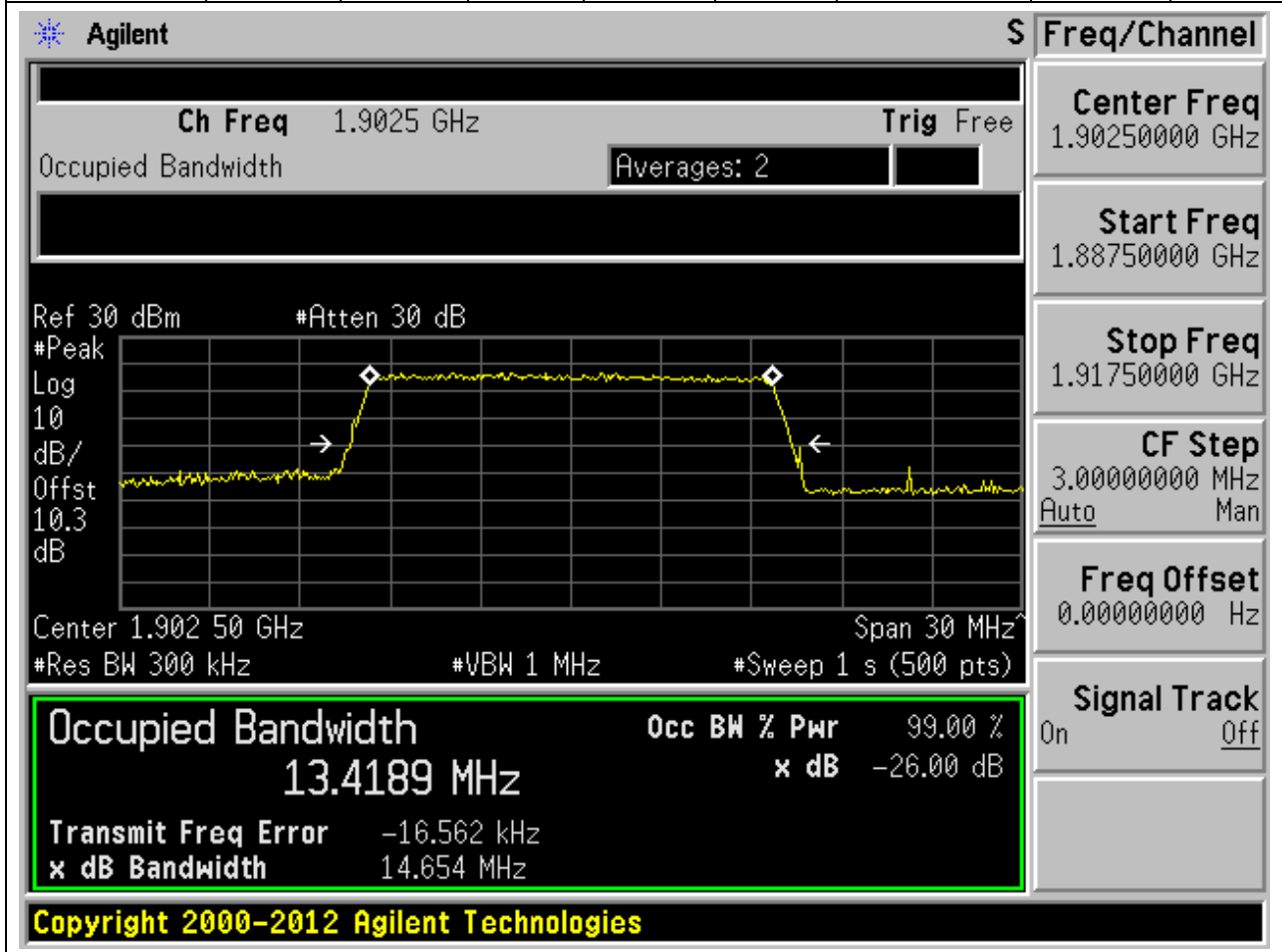
**8.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.446	14.688	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	13.419	14.654	15	Pass



**Agilent** S Freq/Channel

Ch Freq 1.9025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.902 50 GHz Span 30 MHz

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

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

**13.4189 MHz** x dB -26.00 dB

Transmit Freq Error -16.562 kHz

x dB Bandwidth 14.654 MHz

Signal Track On Off

Center Freq 1.90250000 GHz

Start Freq 1.88750000 GHz

Stop Freq 1.91750000 GHz

CF Step 3.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

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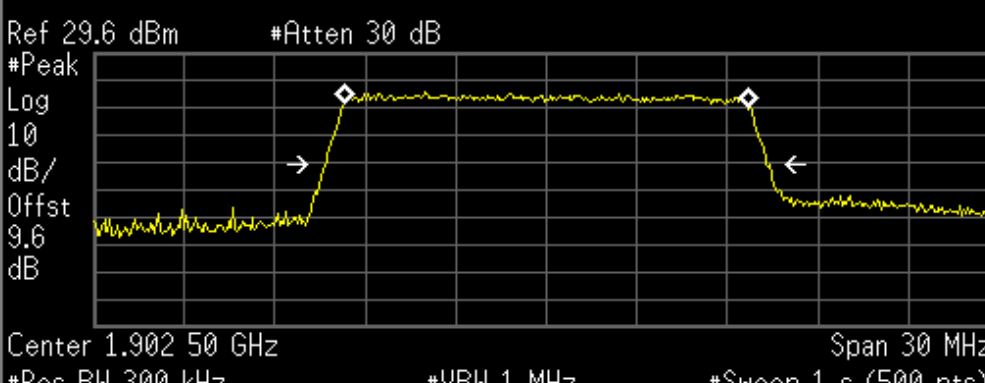
**8.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.436	14.699	15	Pass

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**Ch Freq** 1.9025 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 29.6 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.6 dB

Center 1.902 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4359 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.093 kHz	
<b>x dB Bandwidth</b>	14.699 MHz	

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**Freq/Channel**

**Center Freq**  
1.90250000 GHz

**Start Freq**  
1.88750000 GHz

**Stop Freq**  
1.91750000 GHz

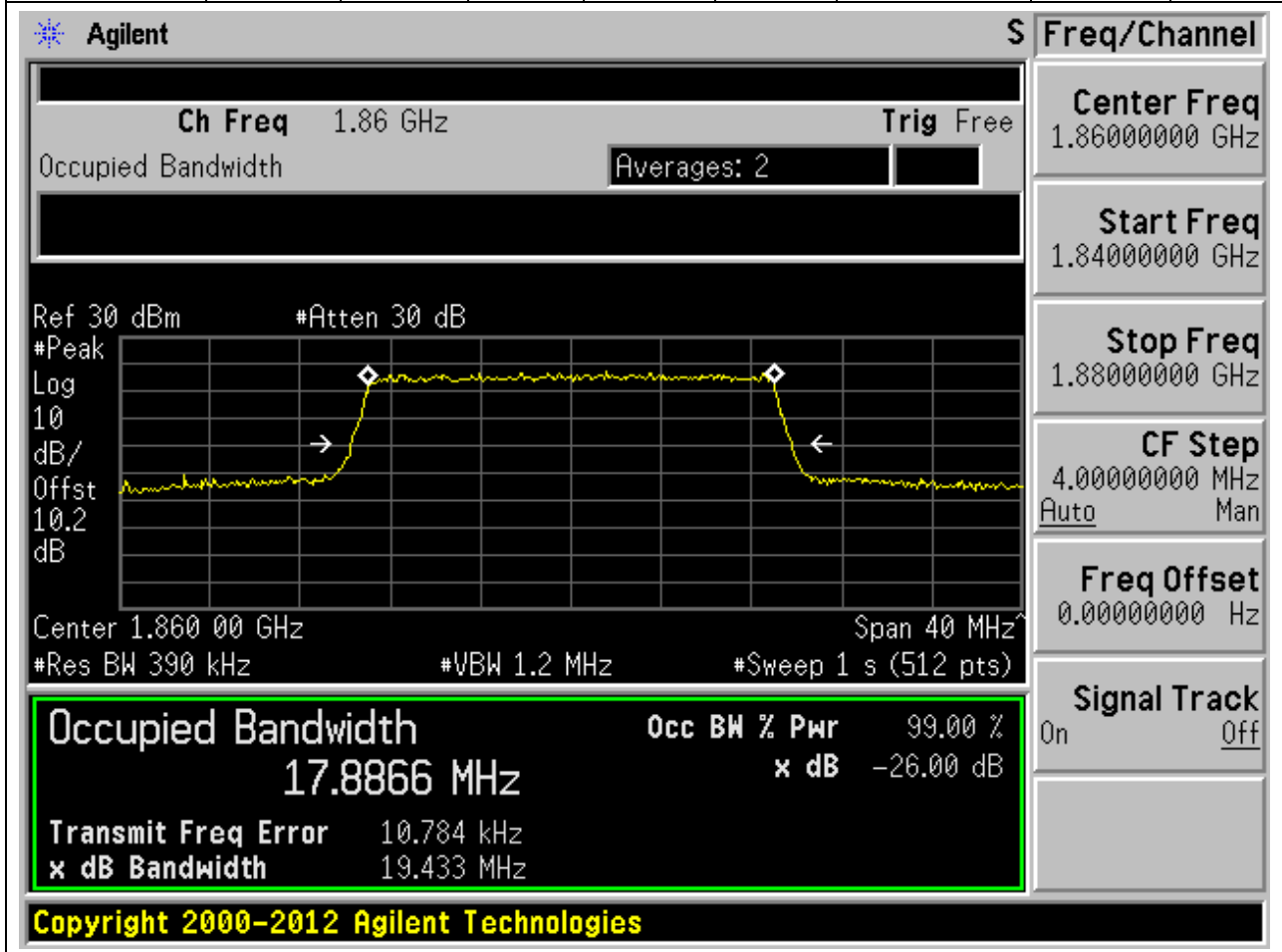
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

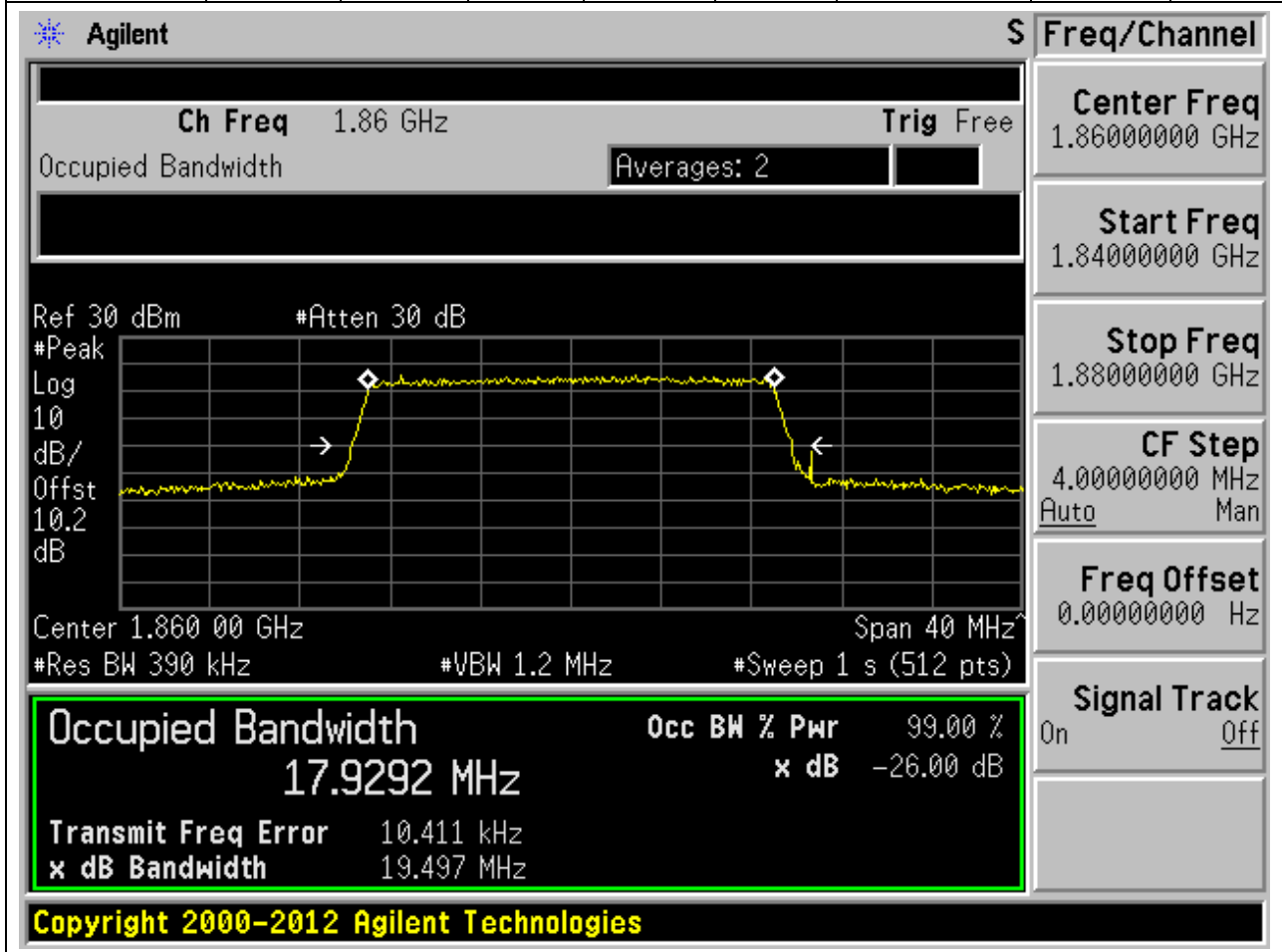
**8.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.887	19.433	20	Pass



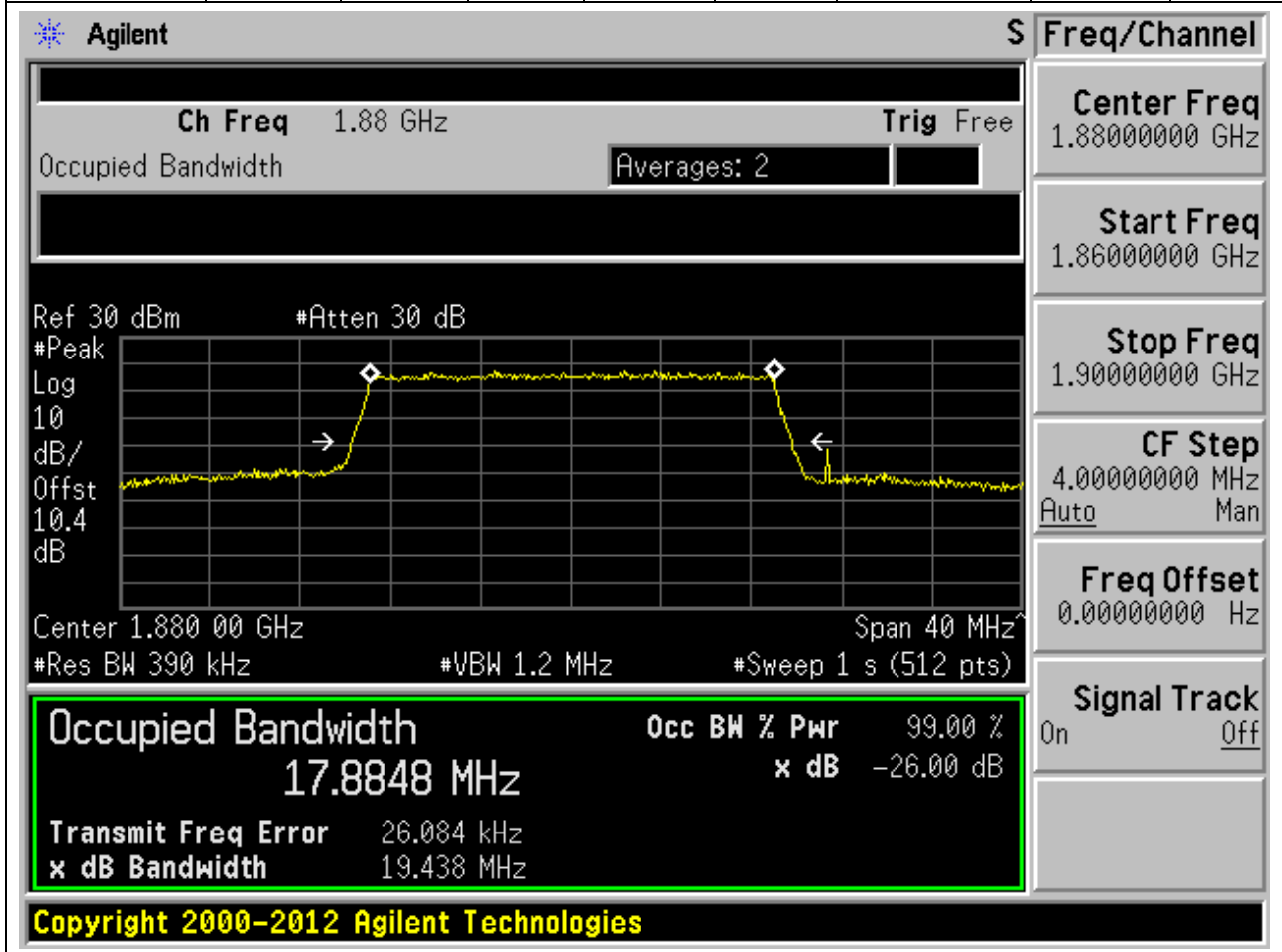
**8.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.929	19.497	20	Pass



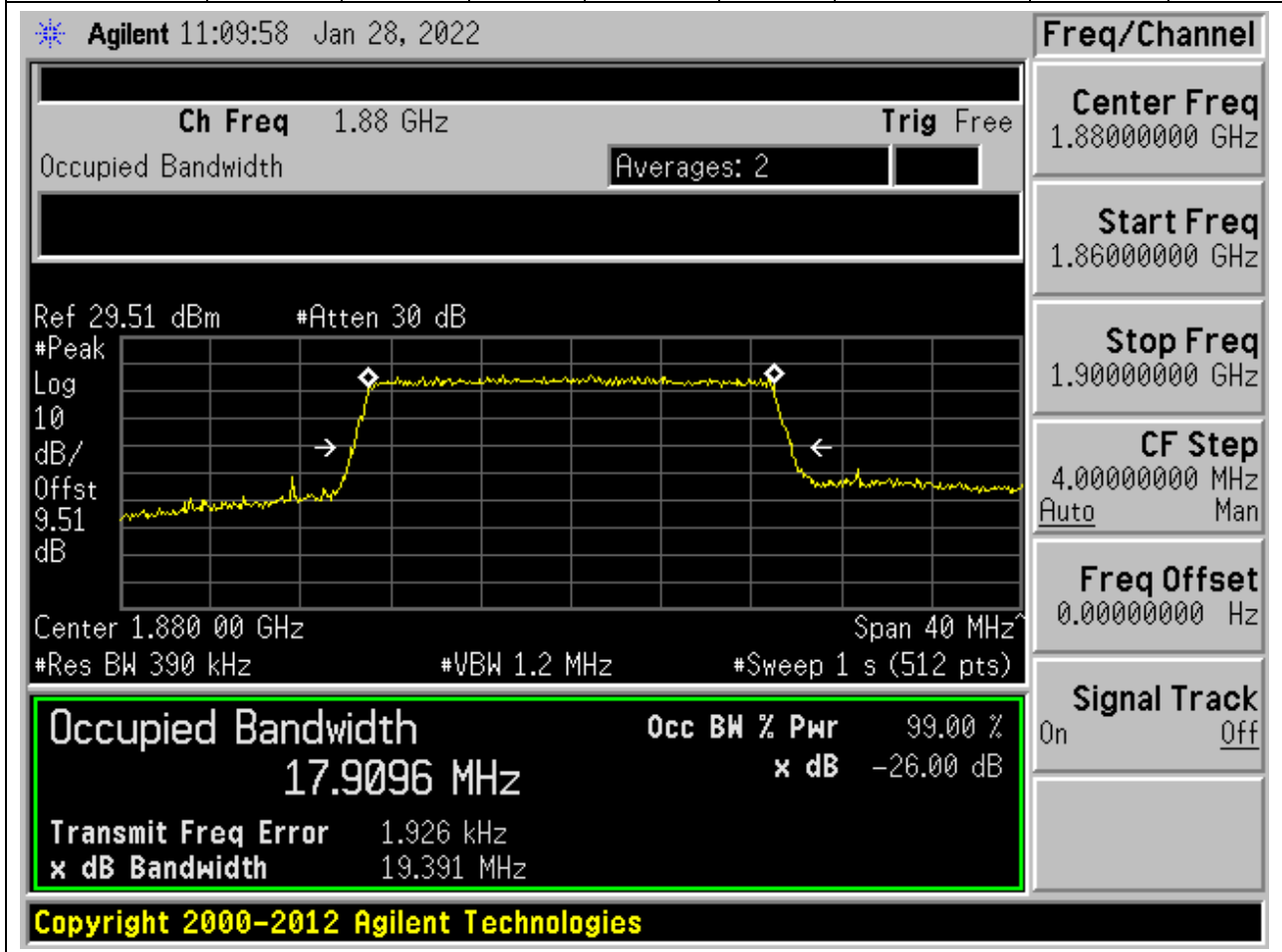
**8.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.885	19.438	20	Pass



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

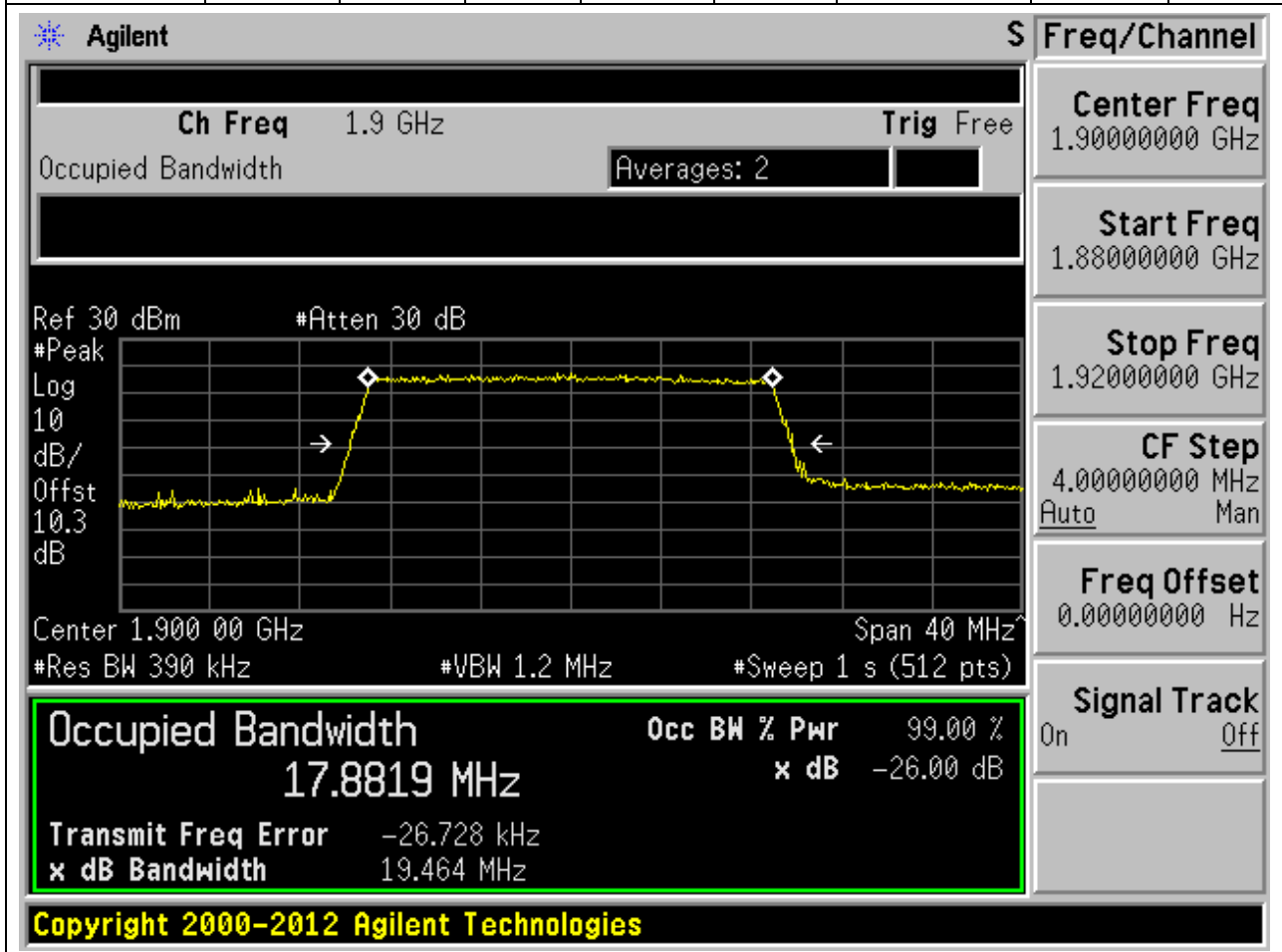
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.39	Peak	17.91	19.391	20	Pass





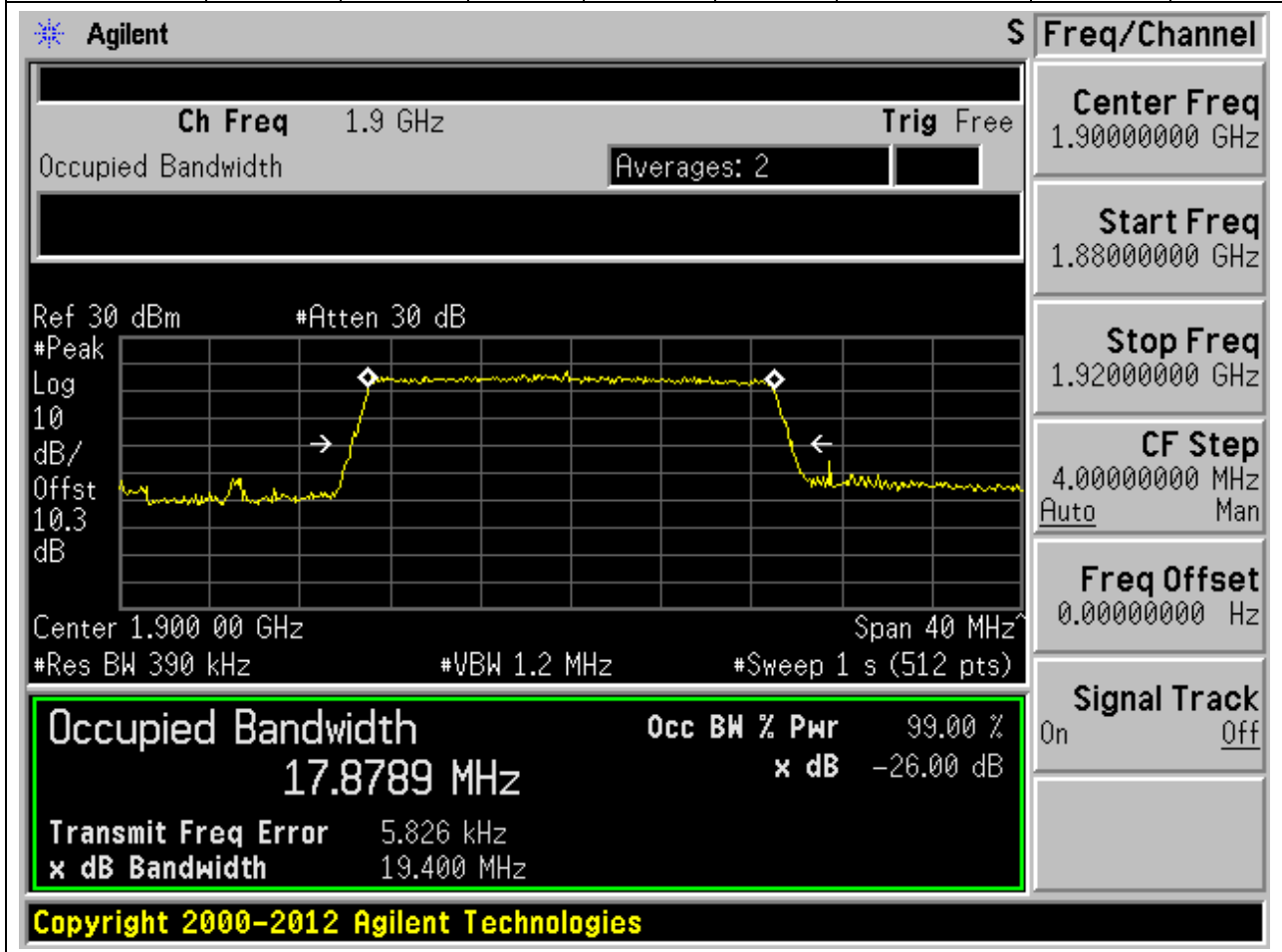
**8.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.882	19.464	20	Pass



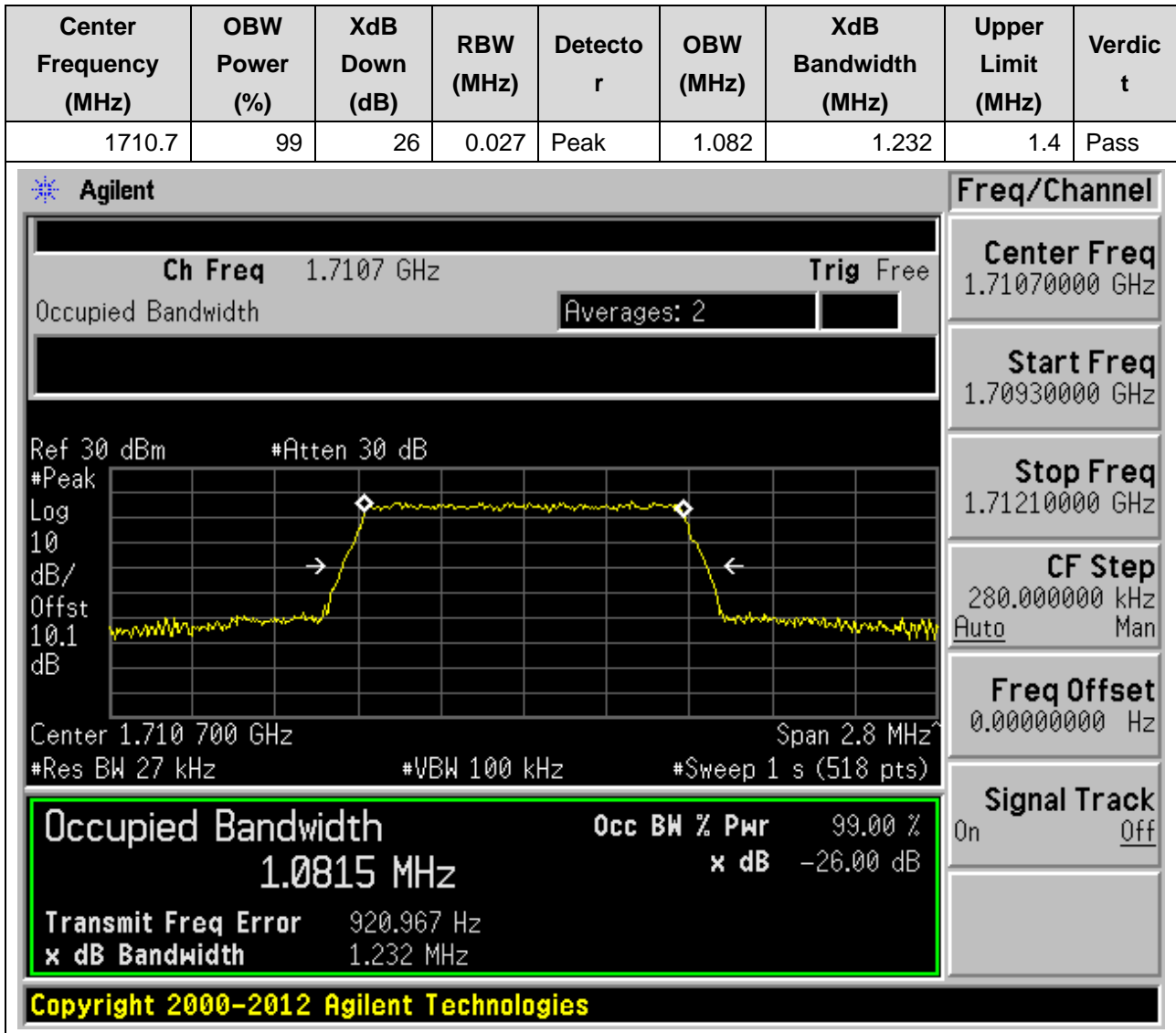
**8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.879	19.4	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)**

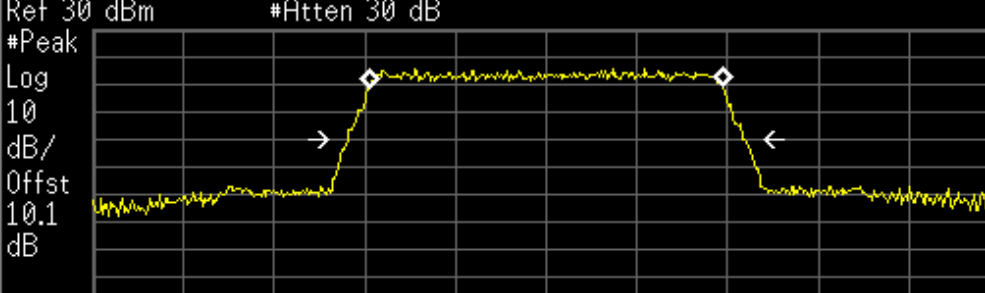
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.088	1.23	1.4	Pass

**Agilent**

Ch Freq 1.7107 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 1.710 700 GHz Span 2.8 MHz

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

**Freq/Channel**

Center Freq 1.71070000 GHz

Start Freq 1.70930000 GHz

Stop Freq 1.71210000 GHz

CF Step 280.000000 kHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

1.0880 MHz x dB -26.00 dB

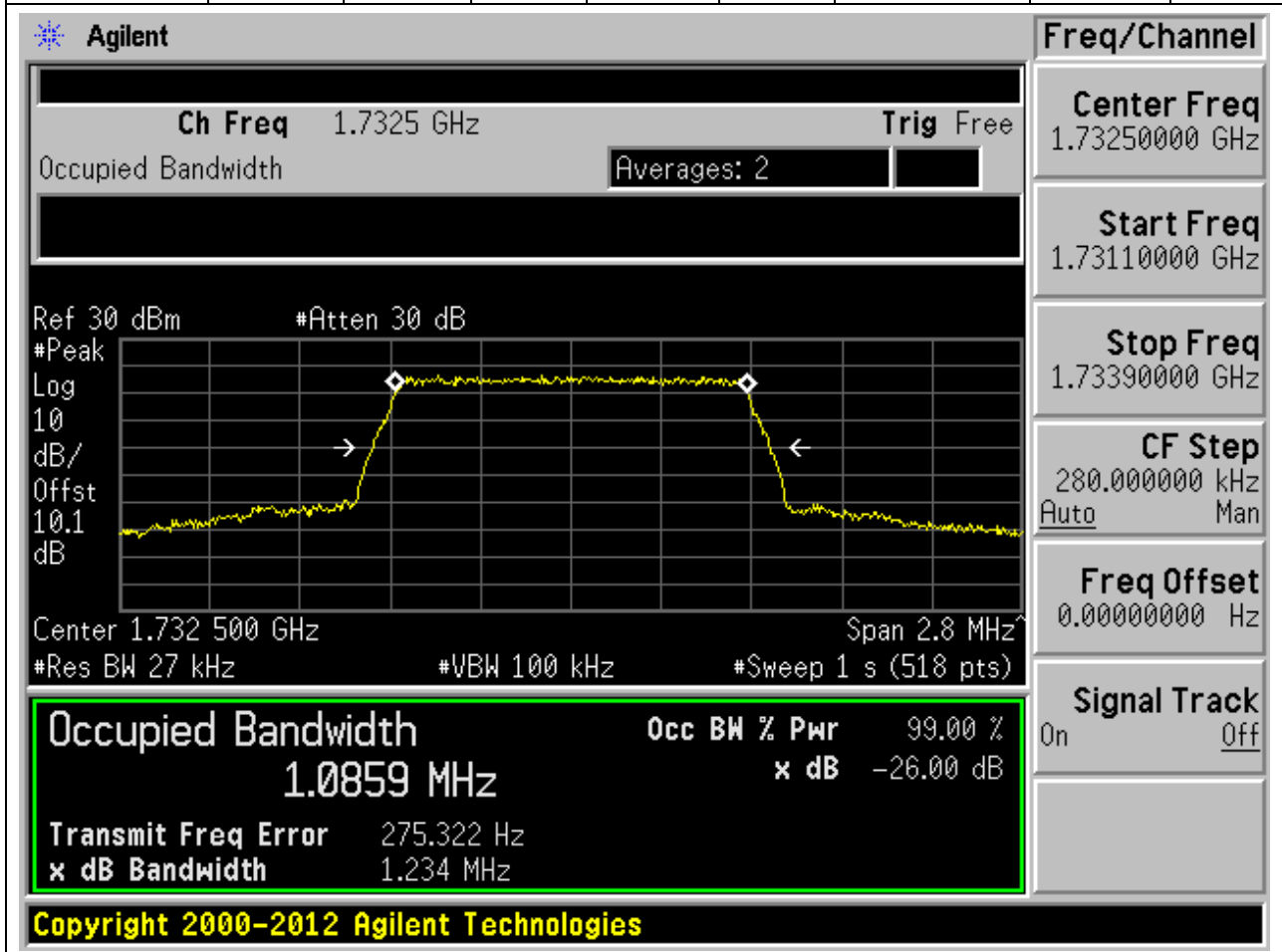
Transmit Freq Error -1.396 kHz

x dB Bandwidth 1.230 MHz

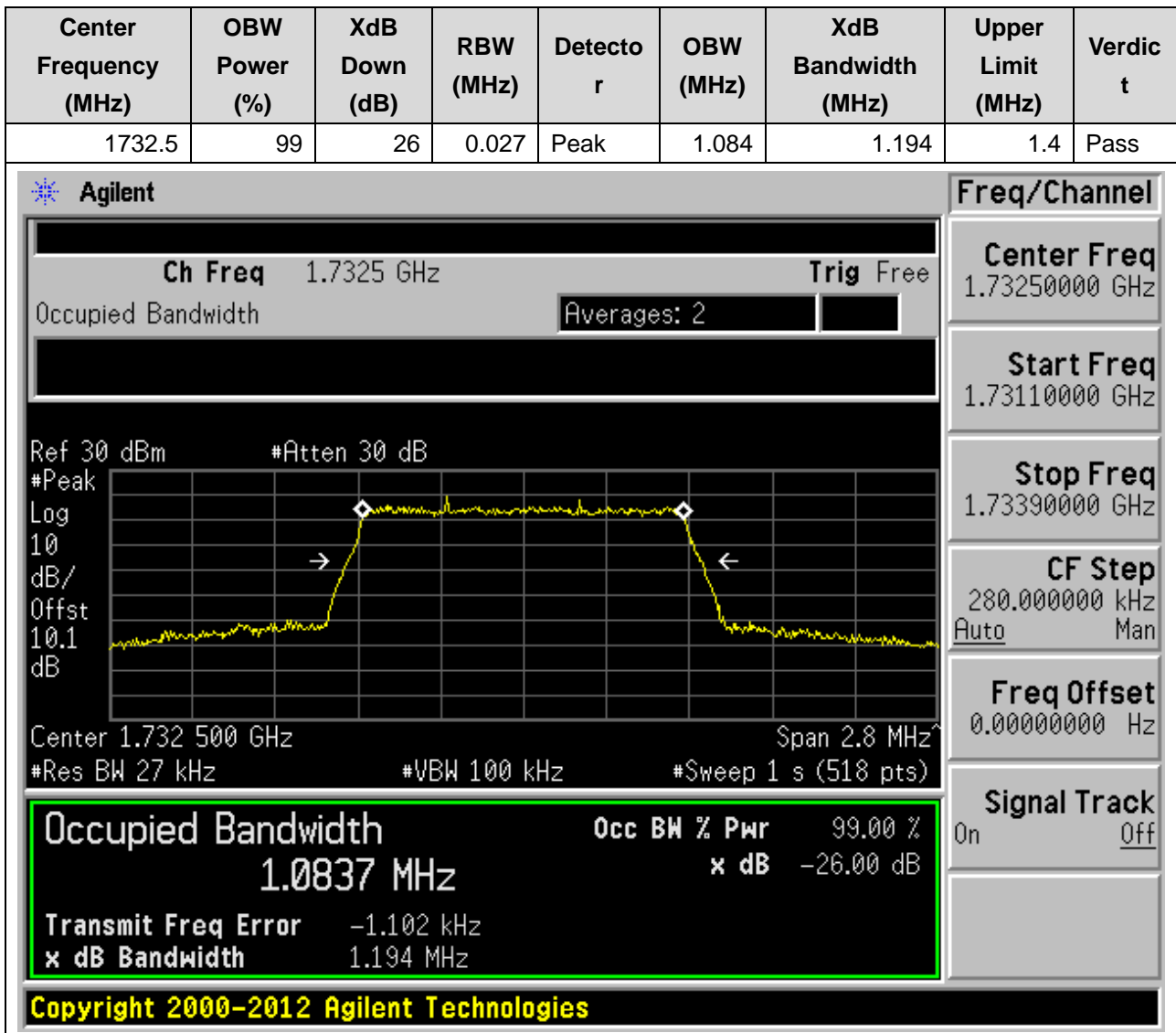
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**9.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.086	1.234	1.4	Pass



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



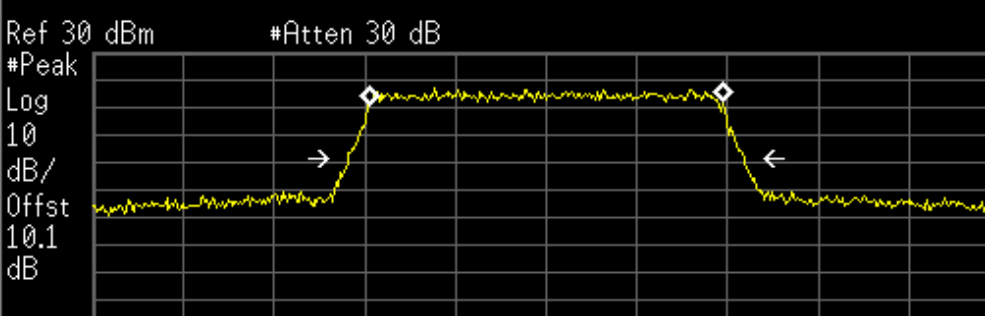
**9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.09	1.222	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** Occ BW % Pwr 99.00 %

**1.0896 MHz** x dB -26.00 dB

Transmit Freq Error -926.591 Hz

x dB Bandwidth 1.222 MHz

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**Freq/Channel**

Center Freq 1.75430000 GHz

Start Freq 1.75290000 GHz

Stop Freq 1.75570000 GHz

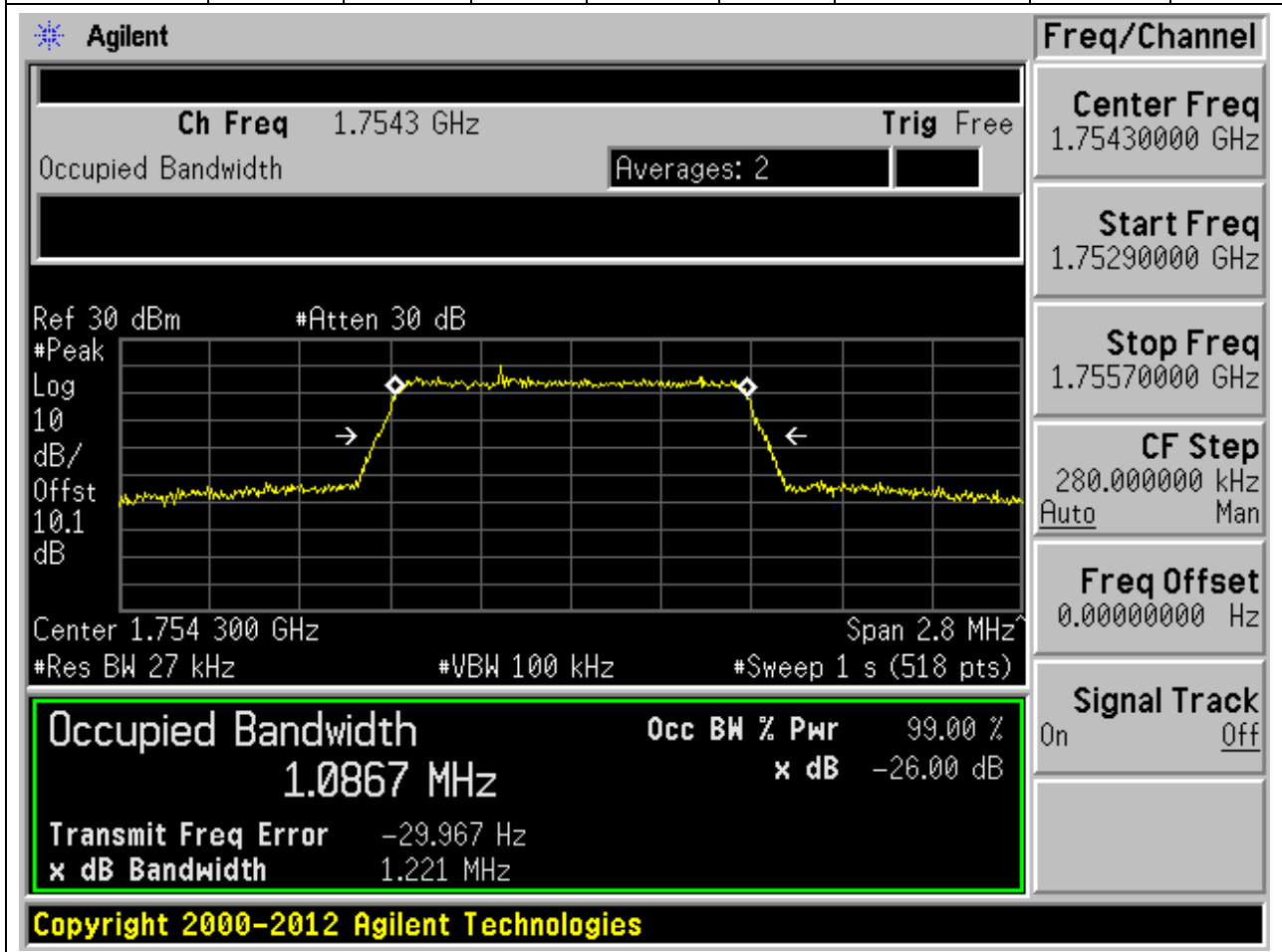
CF Step 280.000000 kHz  
Auto Man

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)

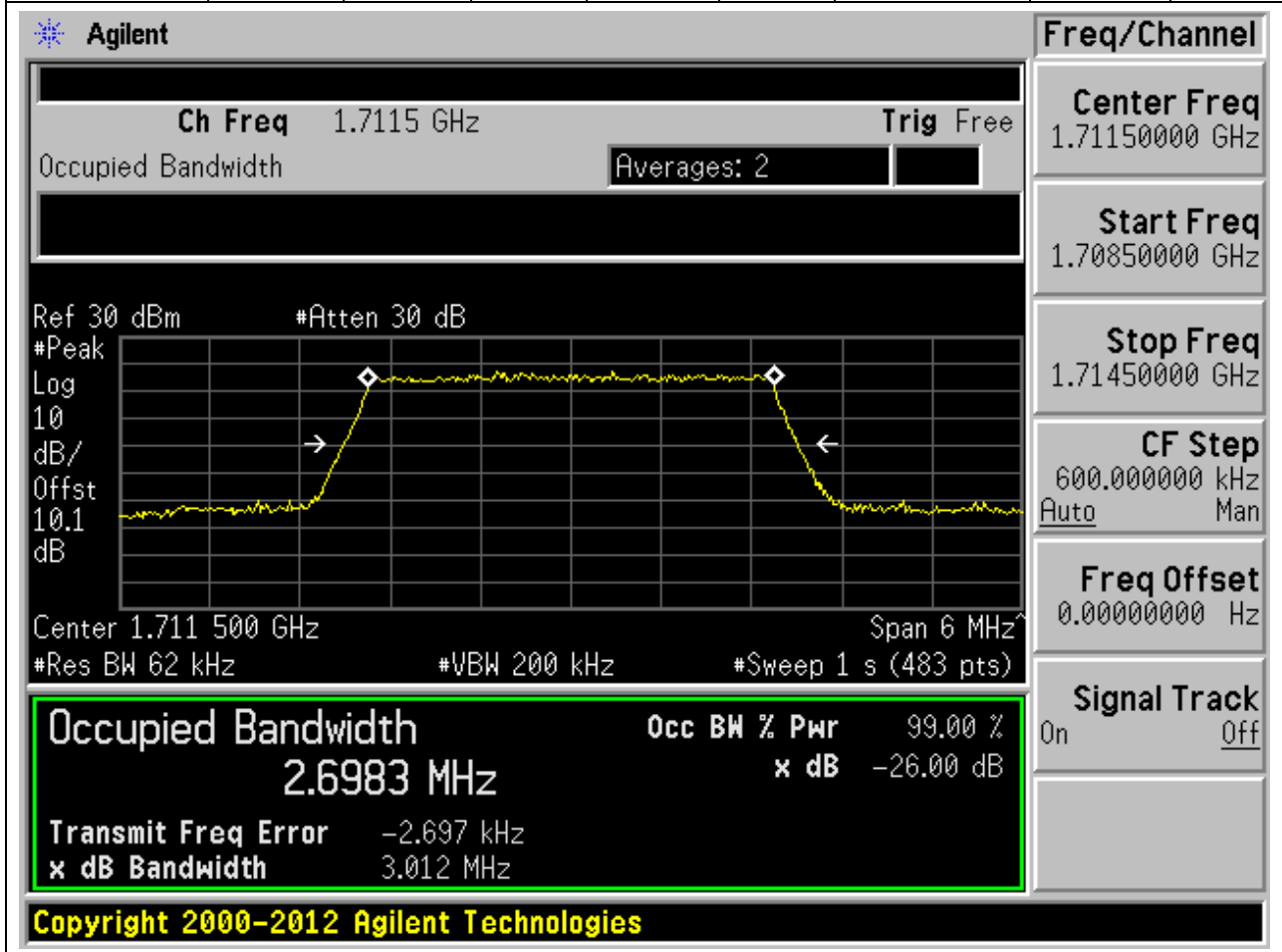
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.087	1.221	1.4	Pass





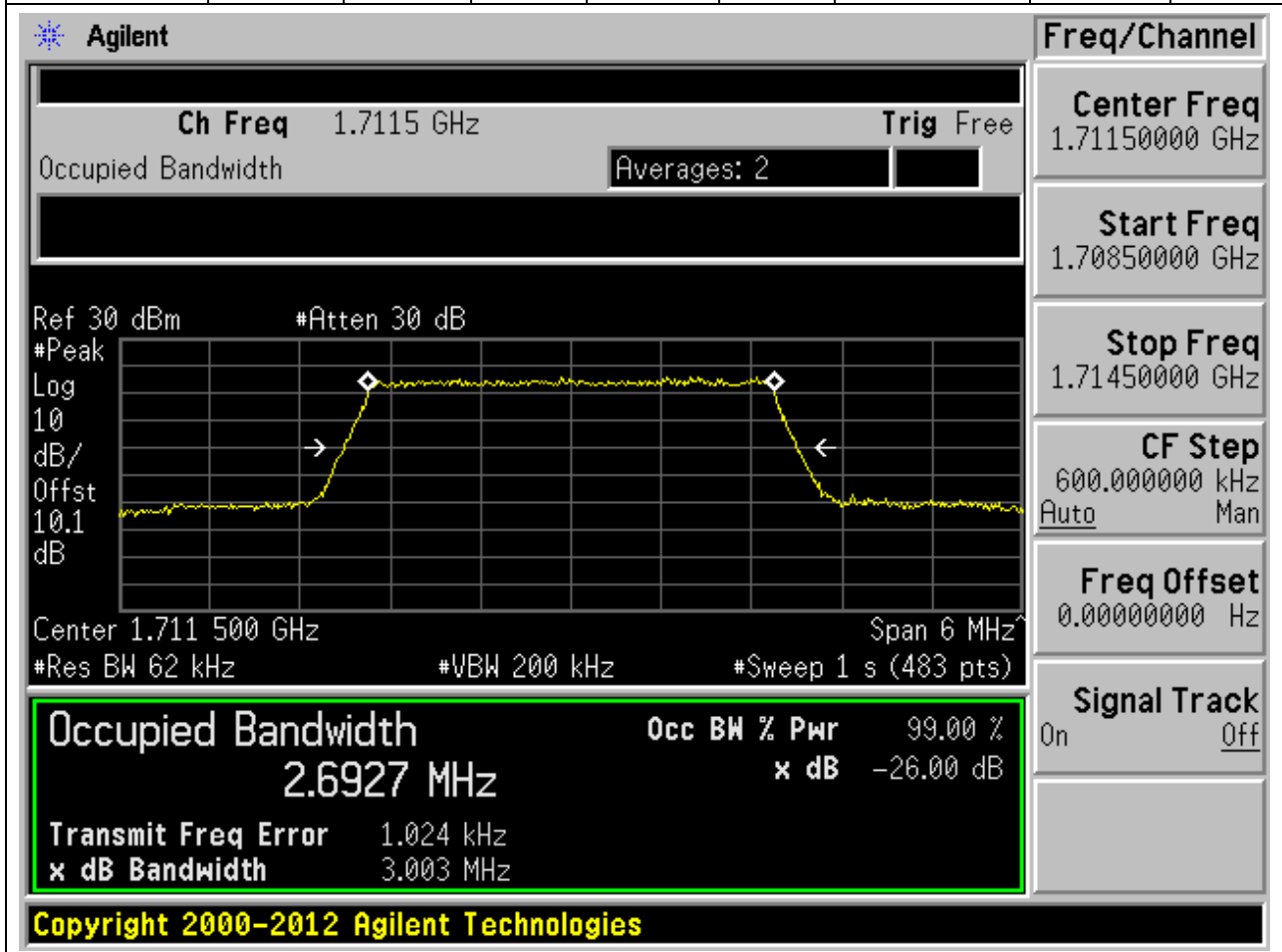
**9.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

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	2.698	3.012	3	Pass



**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	2.693	3.003	3	Pass



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

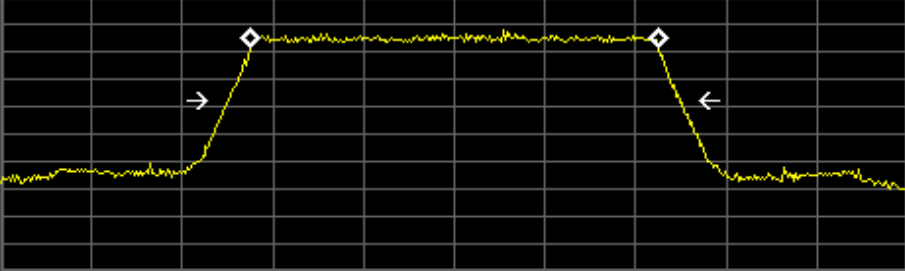
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.698	2.991	3	Pass

**Agilent**

Ch Freq 1.7325 GHz      Trig Free

Occupied Bandwidth      Averages: 2

Ref 30 dBm      #Atten 30 dB



Center 1.732 500 GHz      Span 6 MHz

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

**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

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

2.6984 MHz

x dB      -26.00 dB

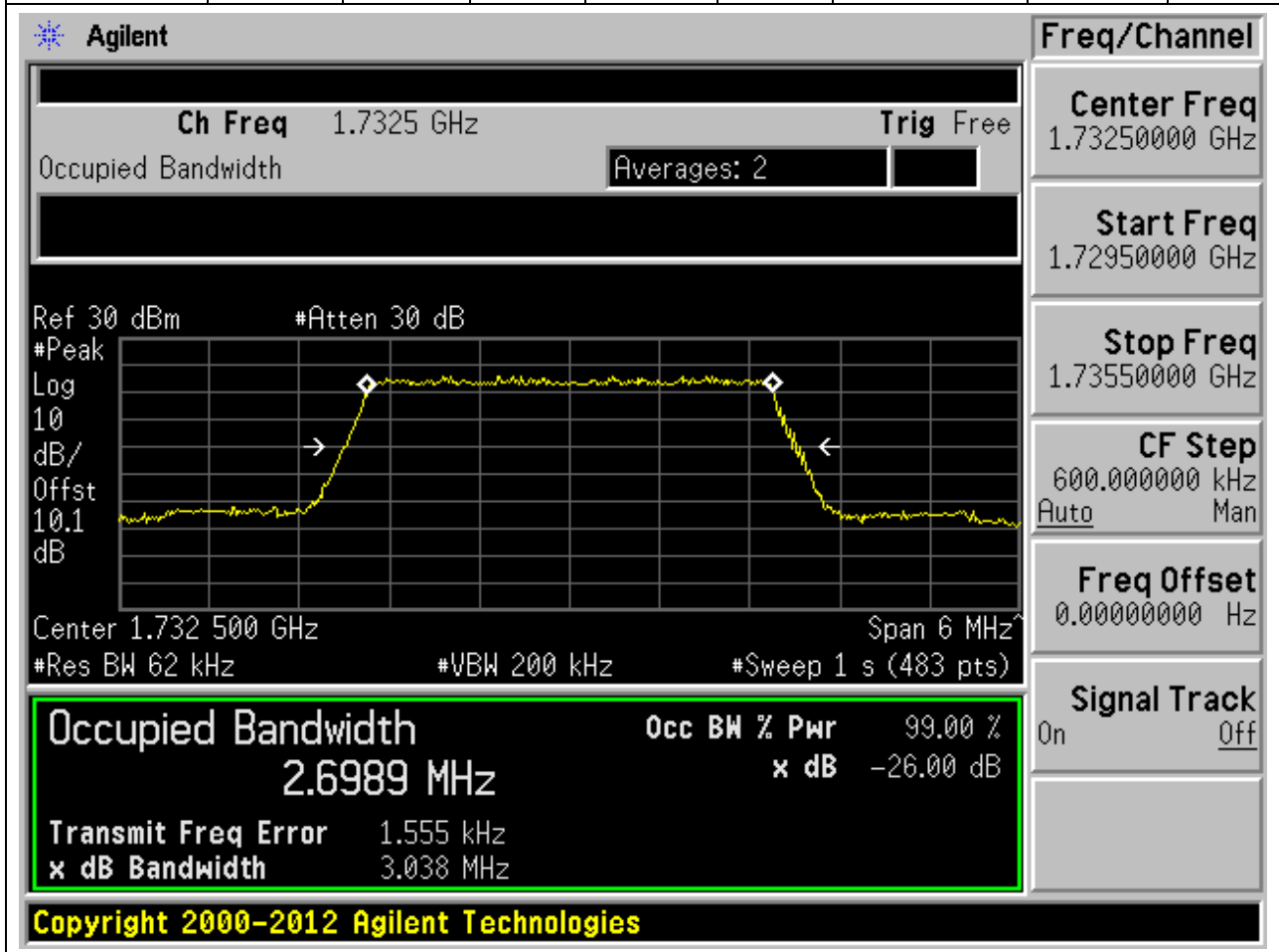
Transmit Freq Error      153.650 Hz

x dB Bandwidth      2.991 MHz

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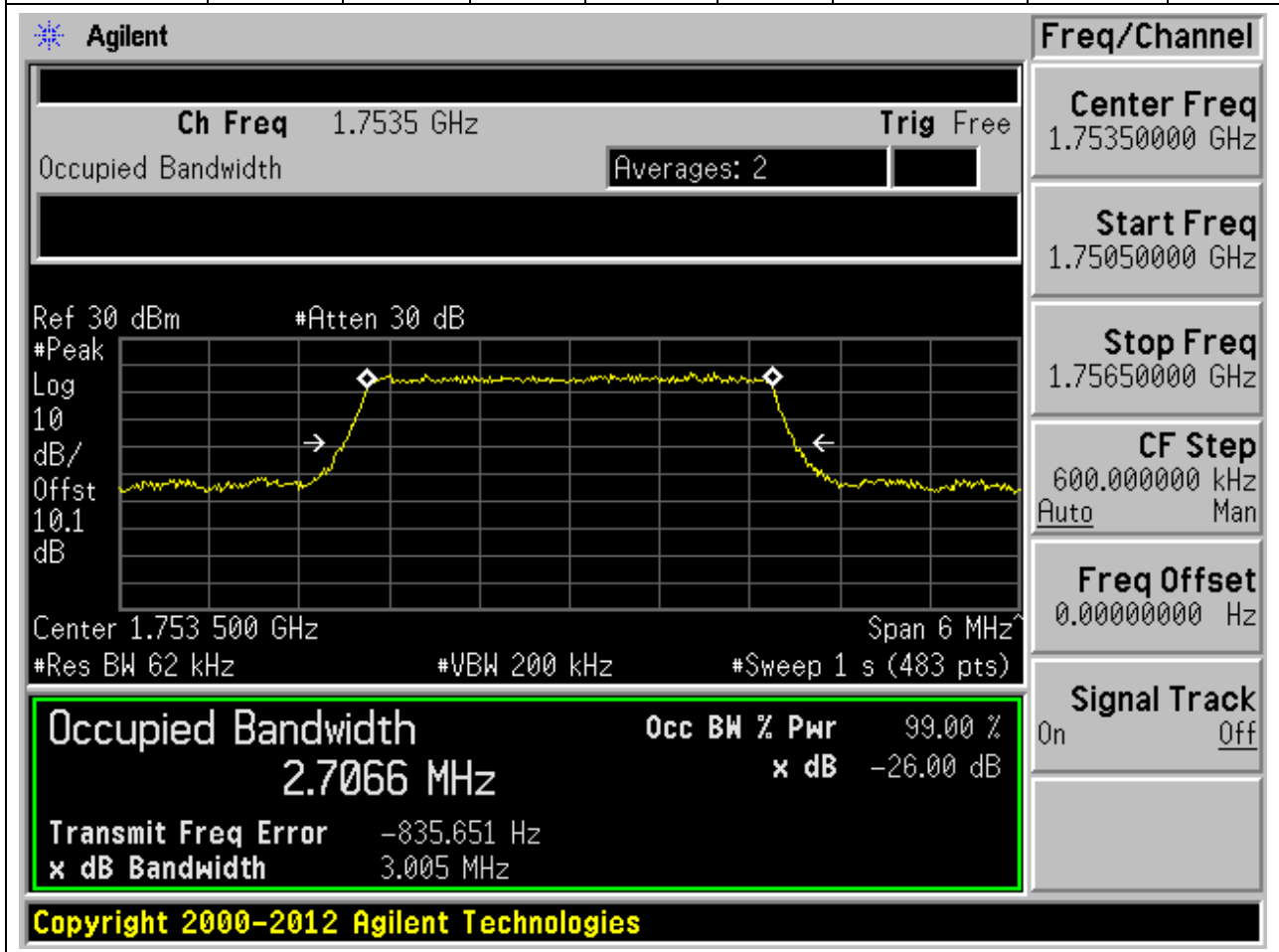
**9.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.699	3.038	3	Pass



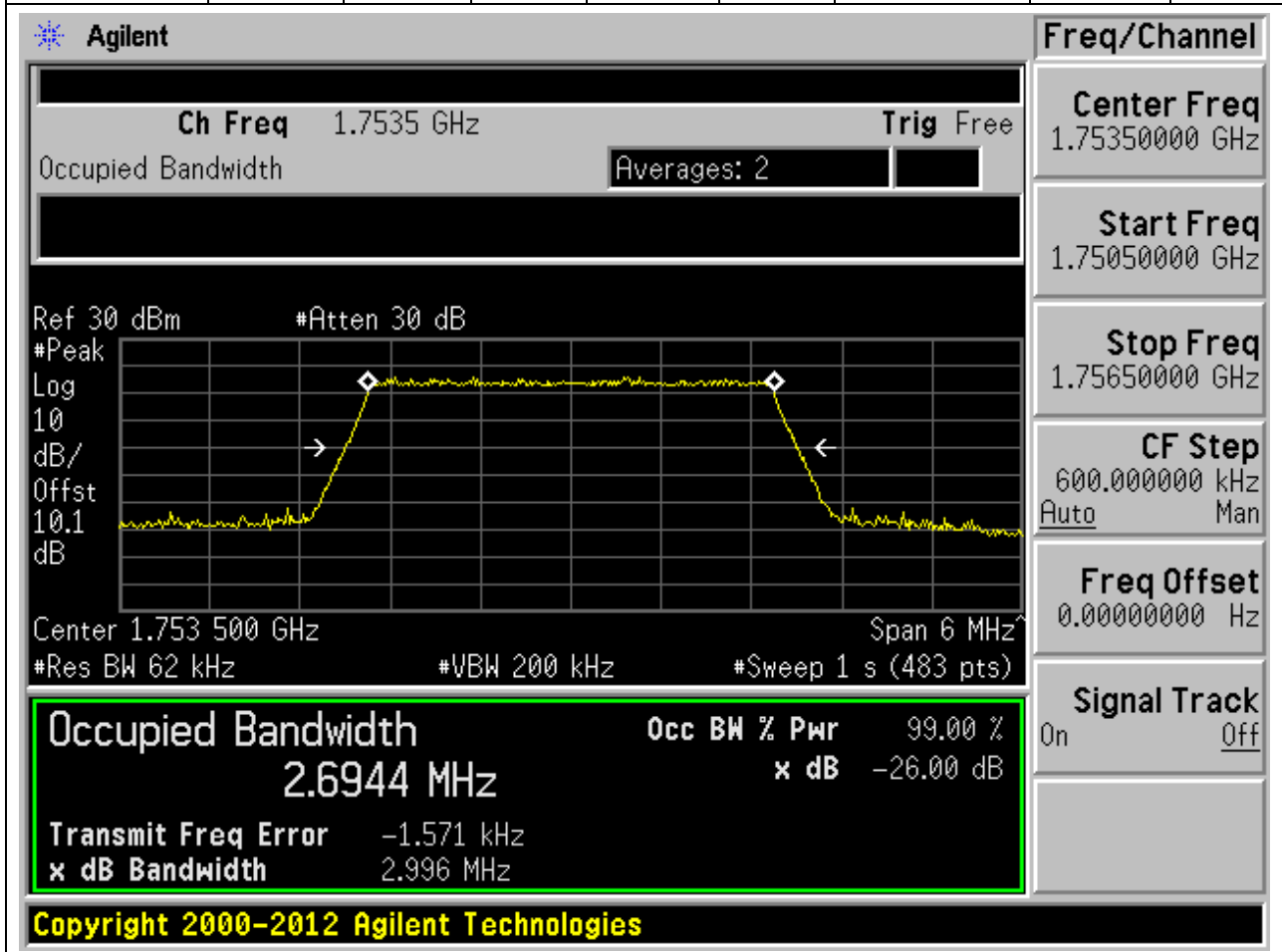
9.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

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	2.707	3.005	3	Pass



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	2.694	2.996	3	Pass



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

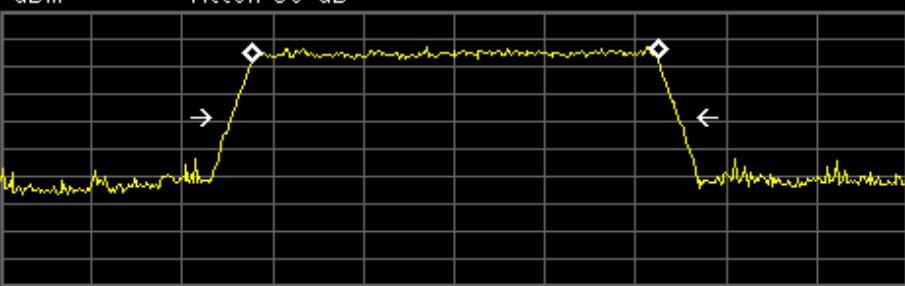
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.488	4.945	5	Pass

**Agilent**

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 1.712 500 GHz Span 10 MHz

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

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

**4.4878 MHz** x dB -26.00 dB

Transmit Freq Error 4.372 kHz

x dB Bandwidth 4.945 MHz

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**Freq/Channel**

Center Freq 1.71250000 GHz

Start Freq 1.70750000 GHz

Stop Freq 1.71750000 GHz

CF Step 1.00000000 MHz

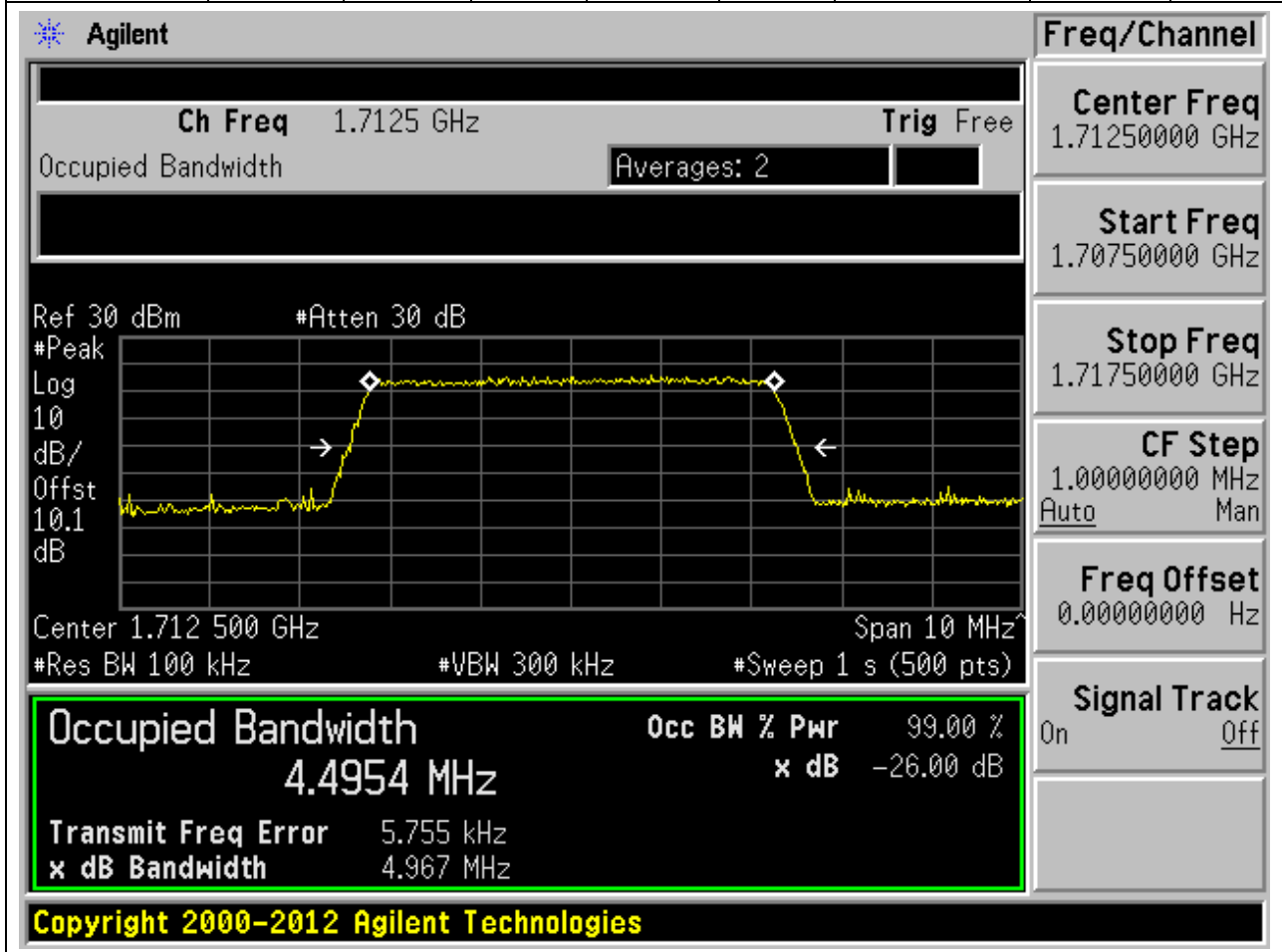
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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	4.495	4.967	5	Pass





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

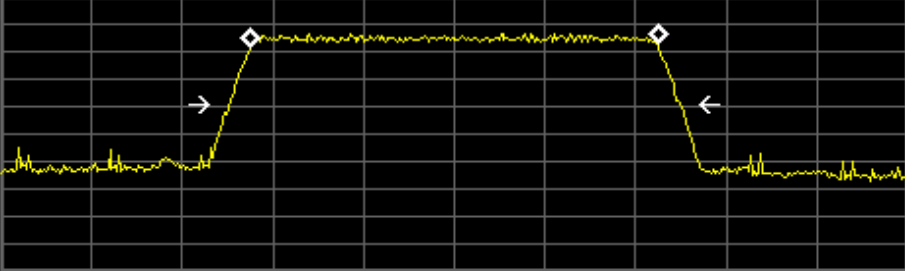
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	Peak	4.504	4.985	5	Pass

**Agilent**

Ch Freq 1.7325 GHz      Trig Free

Occupied Bandwidth      Averages: 2

Ref 30 dBm      #Atten 30 dB



Center 1.732 500 GHz      Span 10 MHz

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

**Freq/Channel**

Center Freq  
1.73250000 GHz

Start Freq  
1.72750000 GHz

Stop Freq  
1.73750000 GHz

CF Step  
1.00000000 MHz  
Auto      Man

Freq Offset  
0.00000000 Hz

Signal Track  
On      Off

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

4.5039 MHz      x dB      -26.00 dB

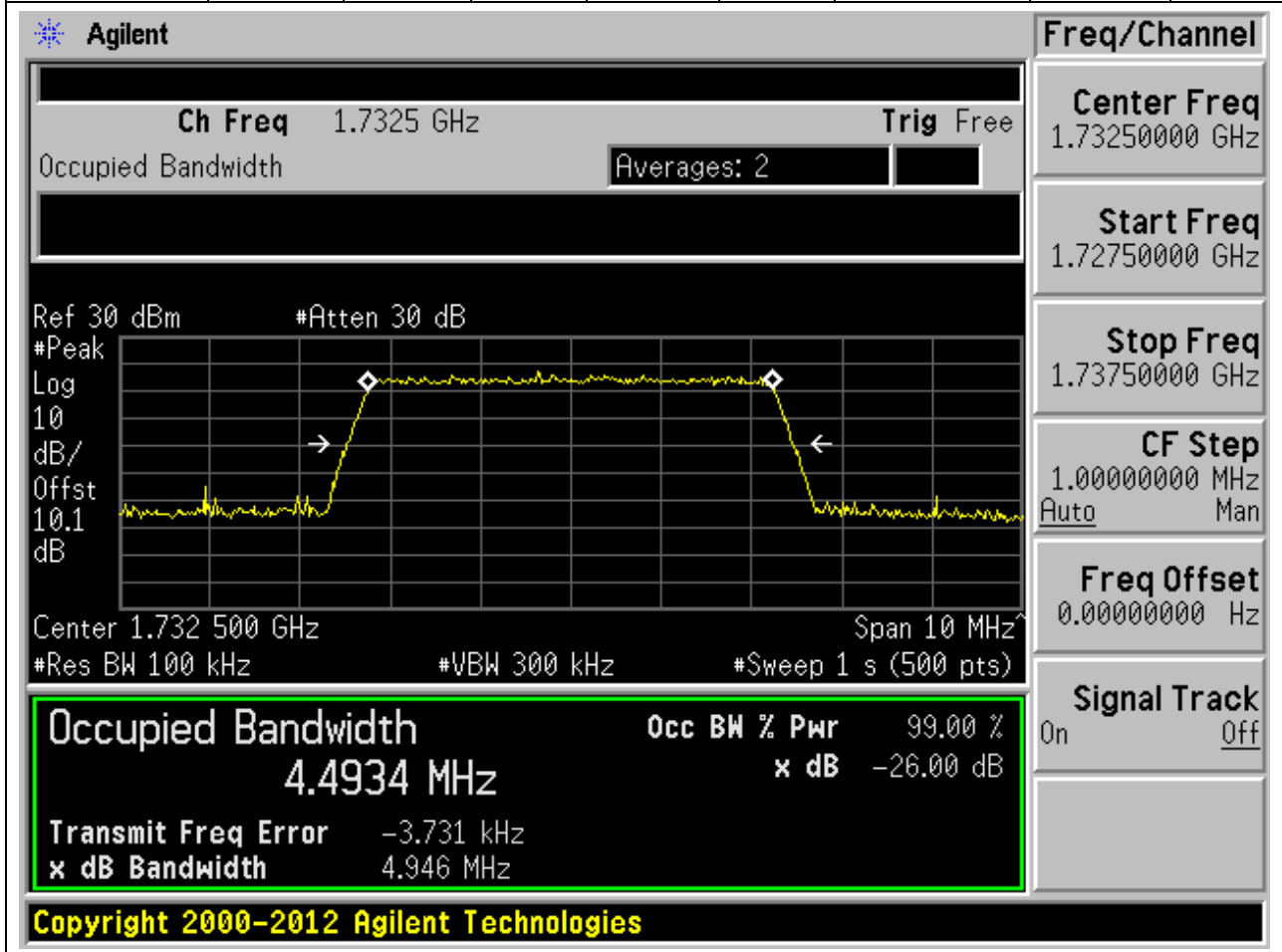
Transmit Freq Error      -1.085 kHz

x dB Bandwidth      4.985 MHz

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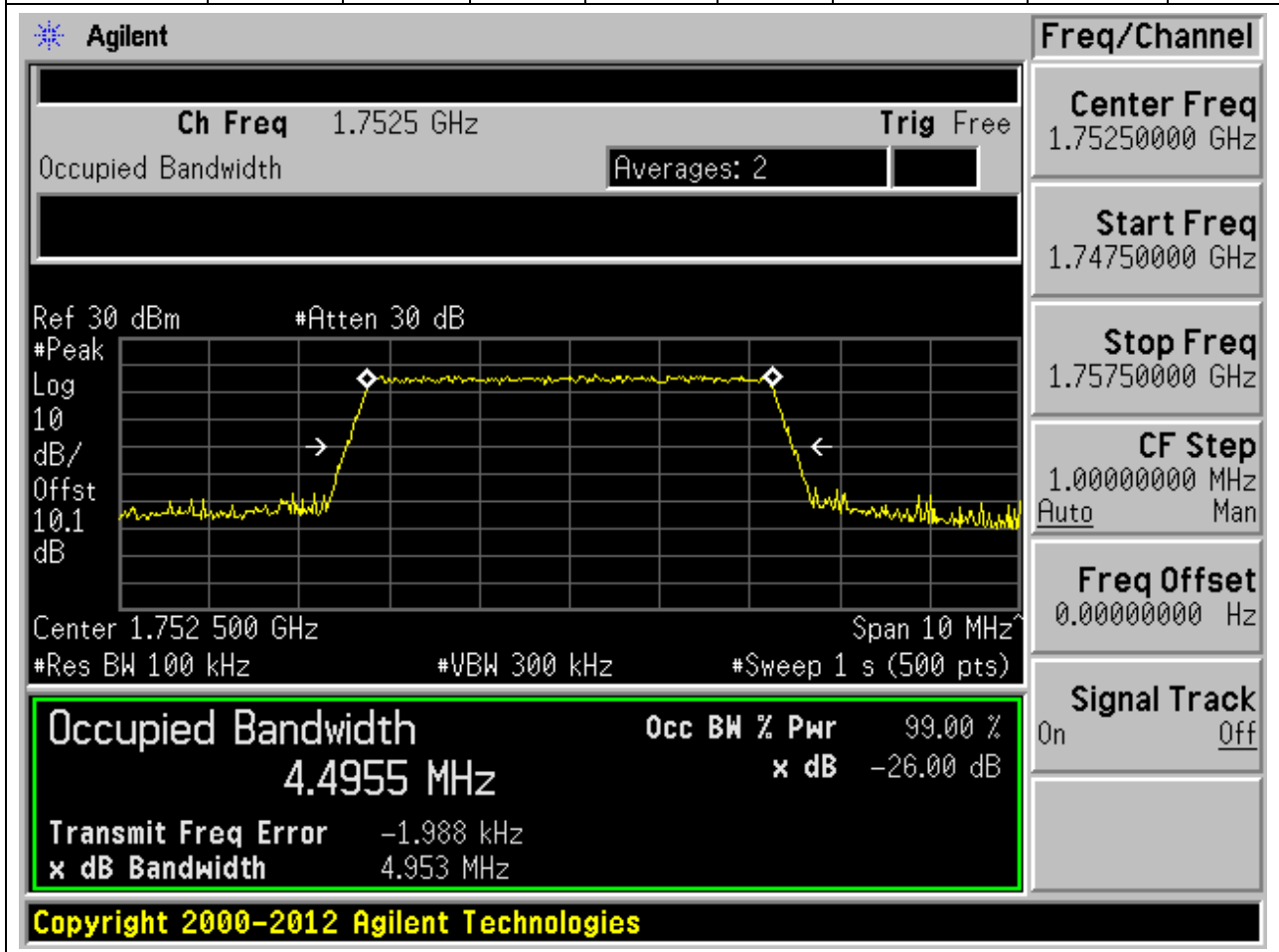
9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.493	4.946	5	Pass



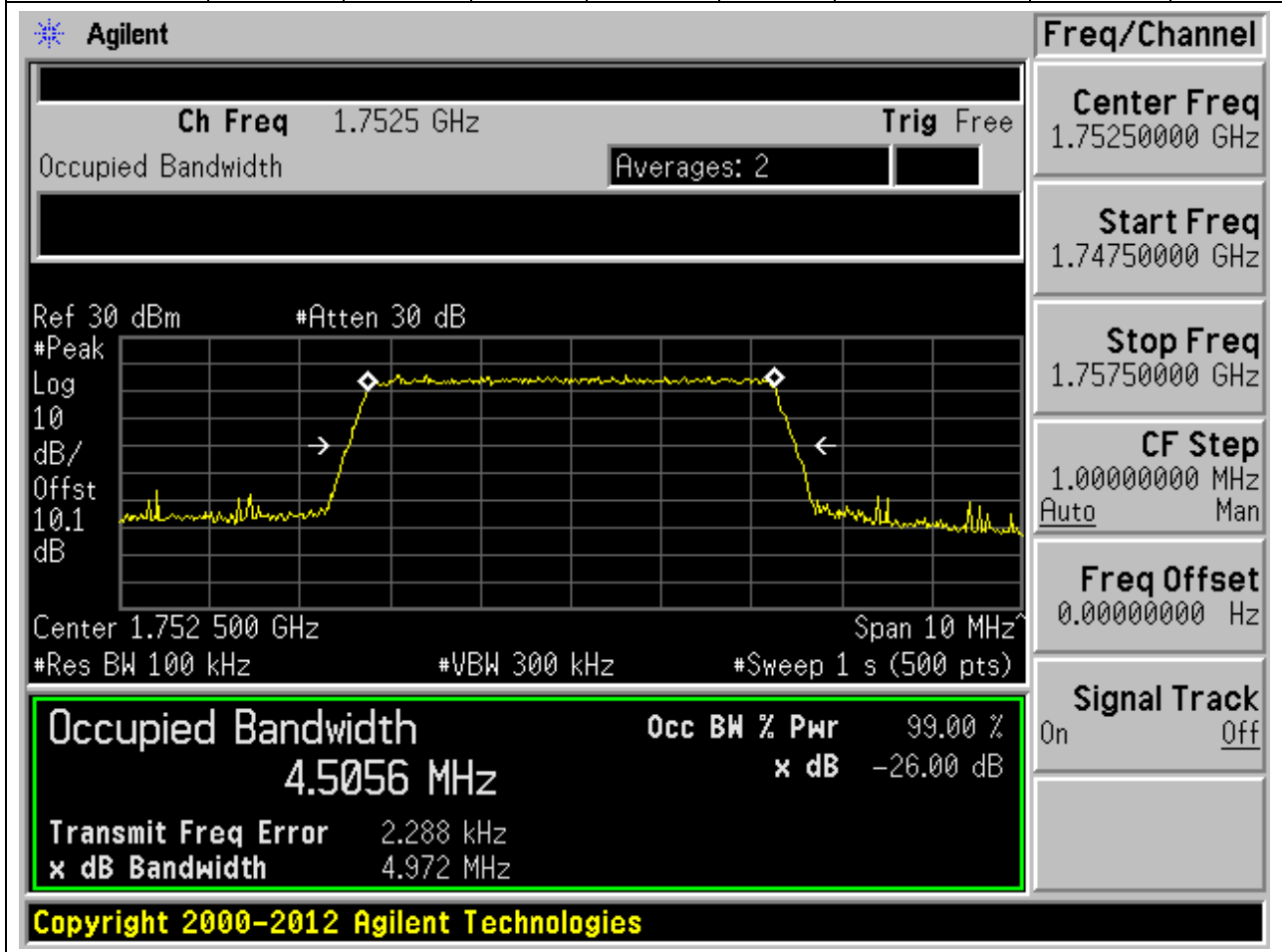
**9.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.496	4.953	5	Pass



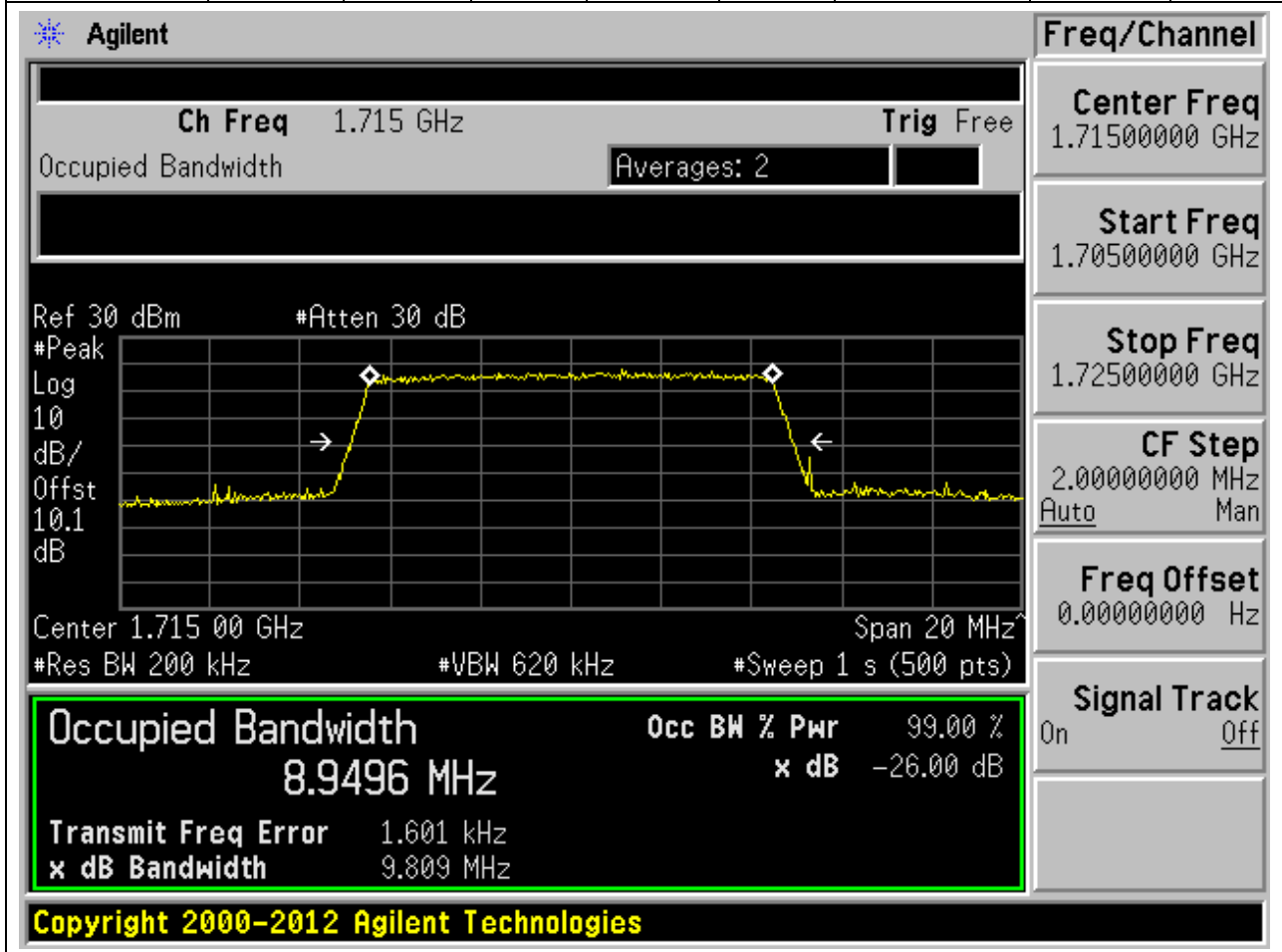
9.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	Peak	4.506	4.972	5	Pass



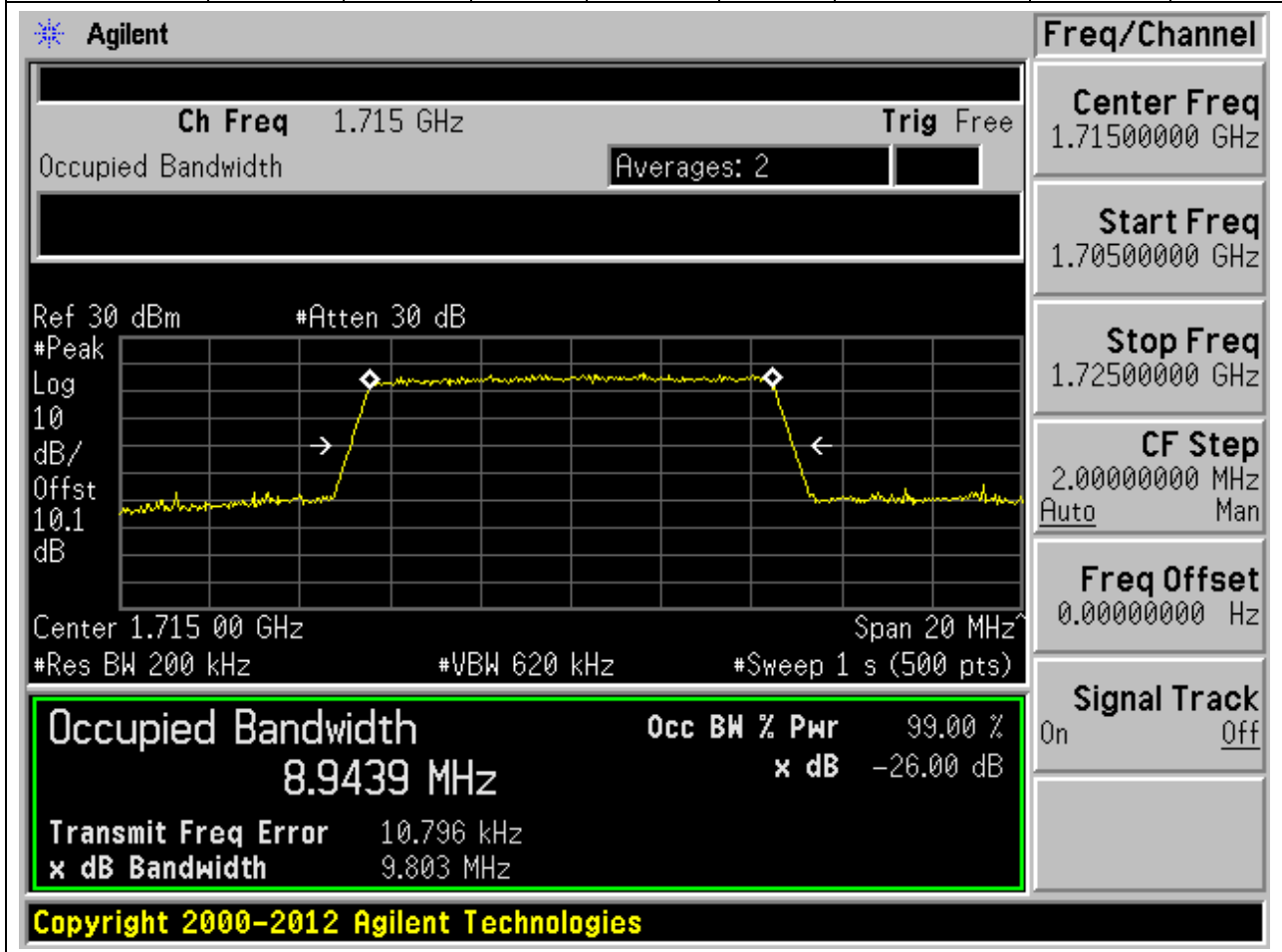
**9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.95	9.809	10	Pass



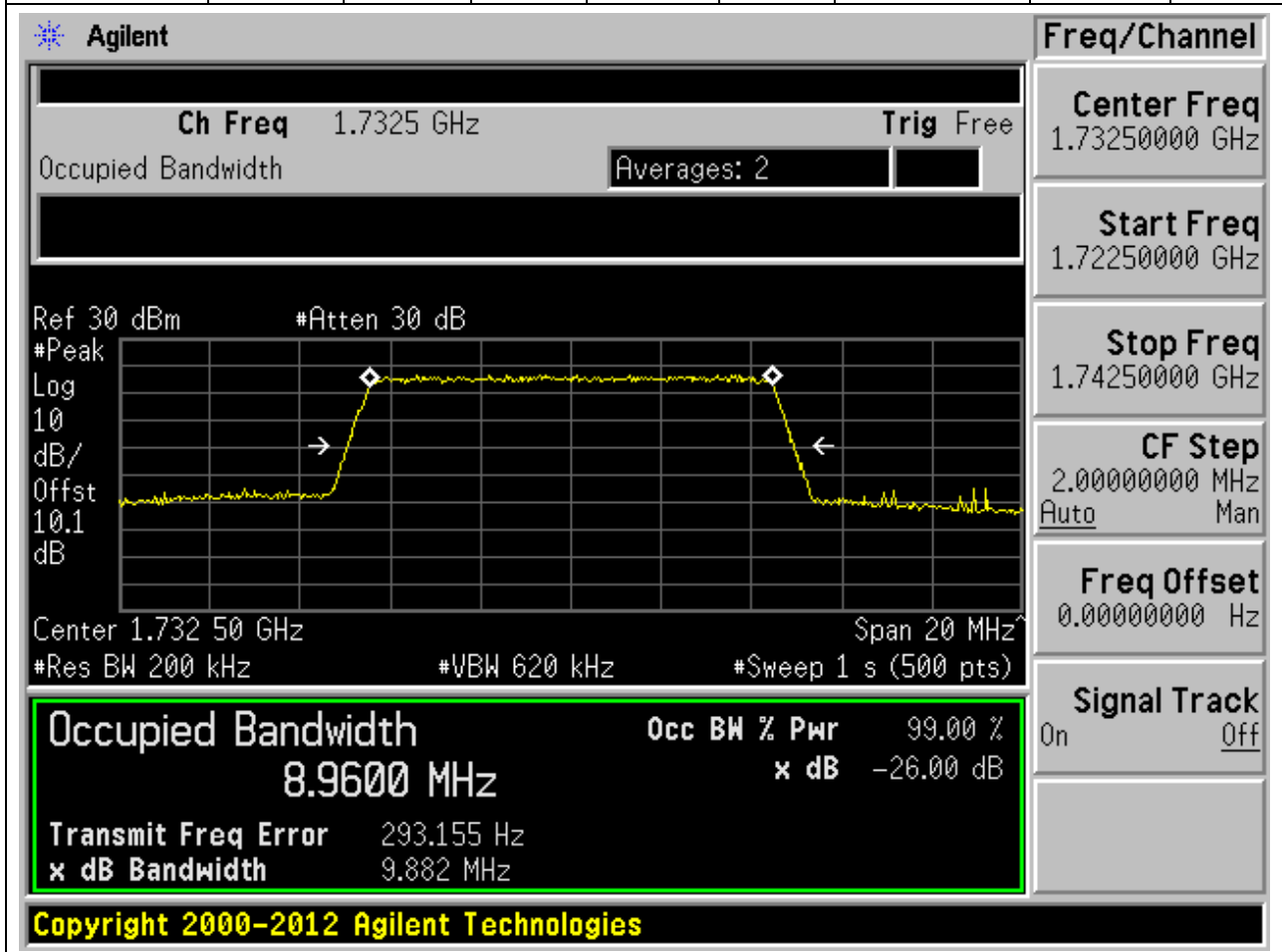
**9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.944	9.803	10	Pass



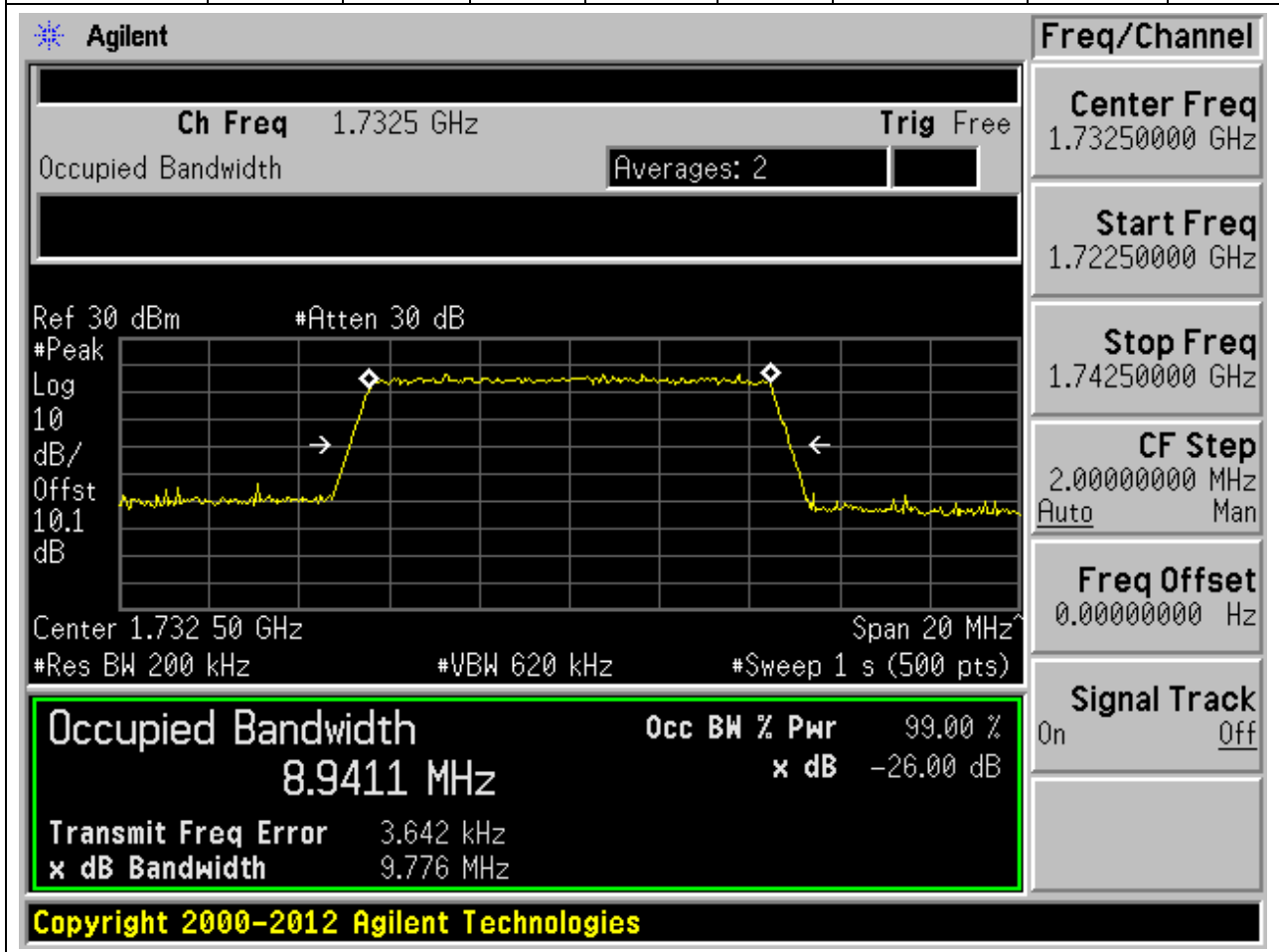
9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.96	9.882	10	Pass



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

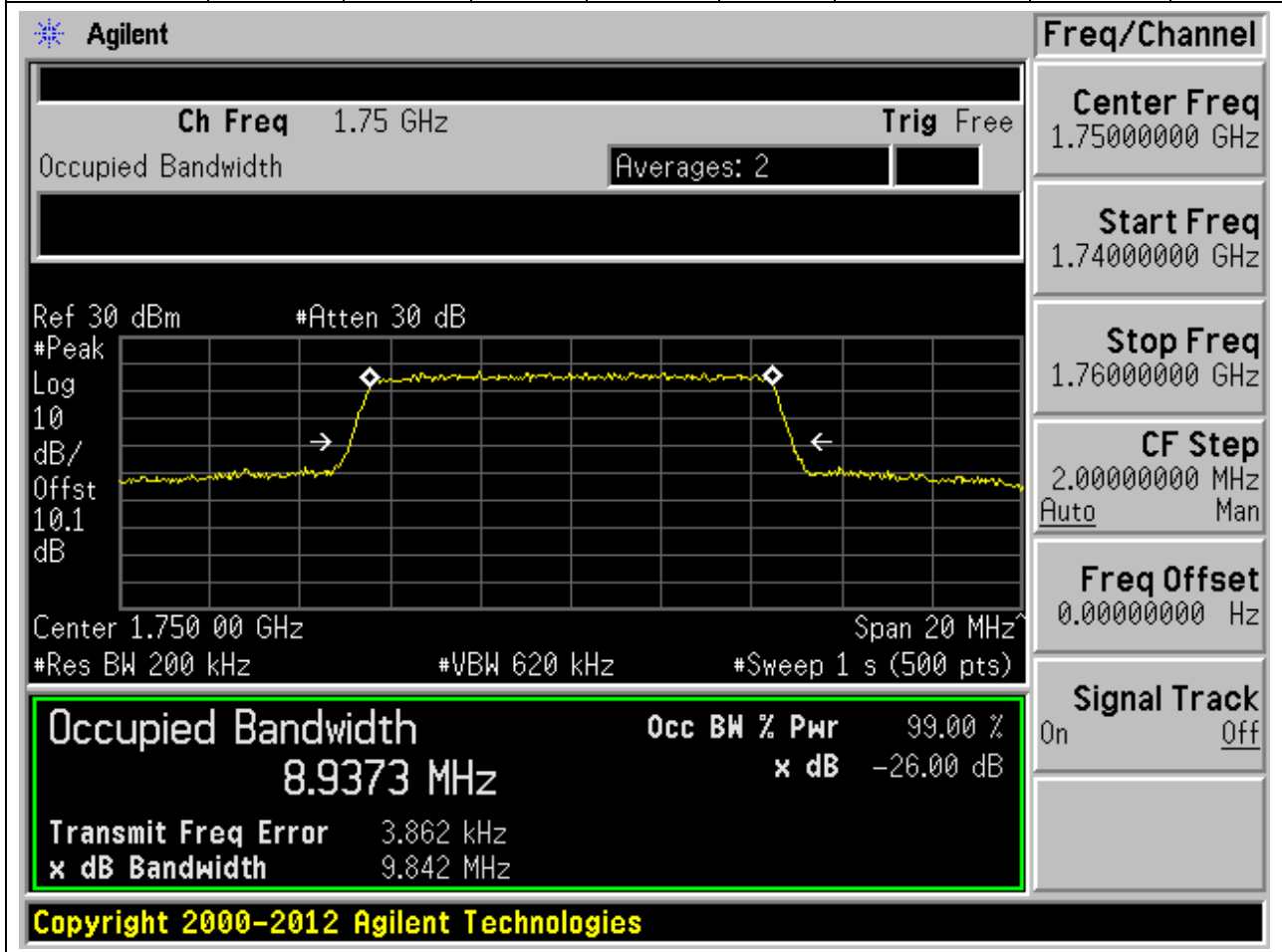
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.941	9.776	10	Pass





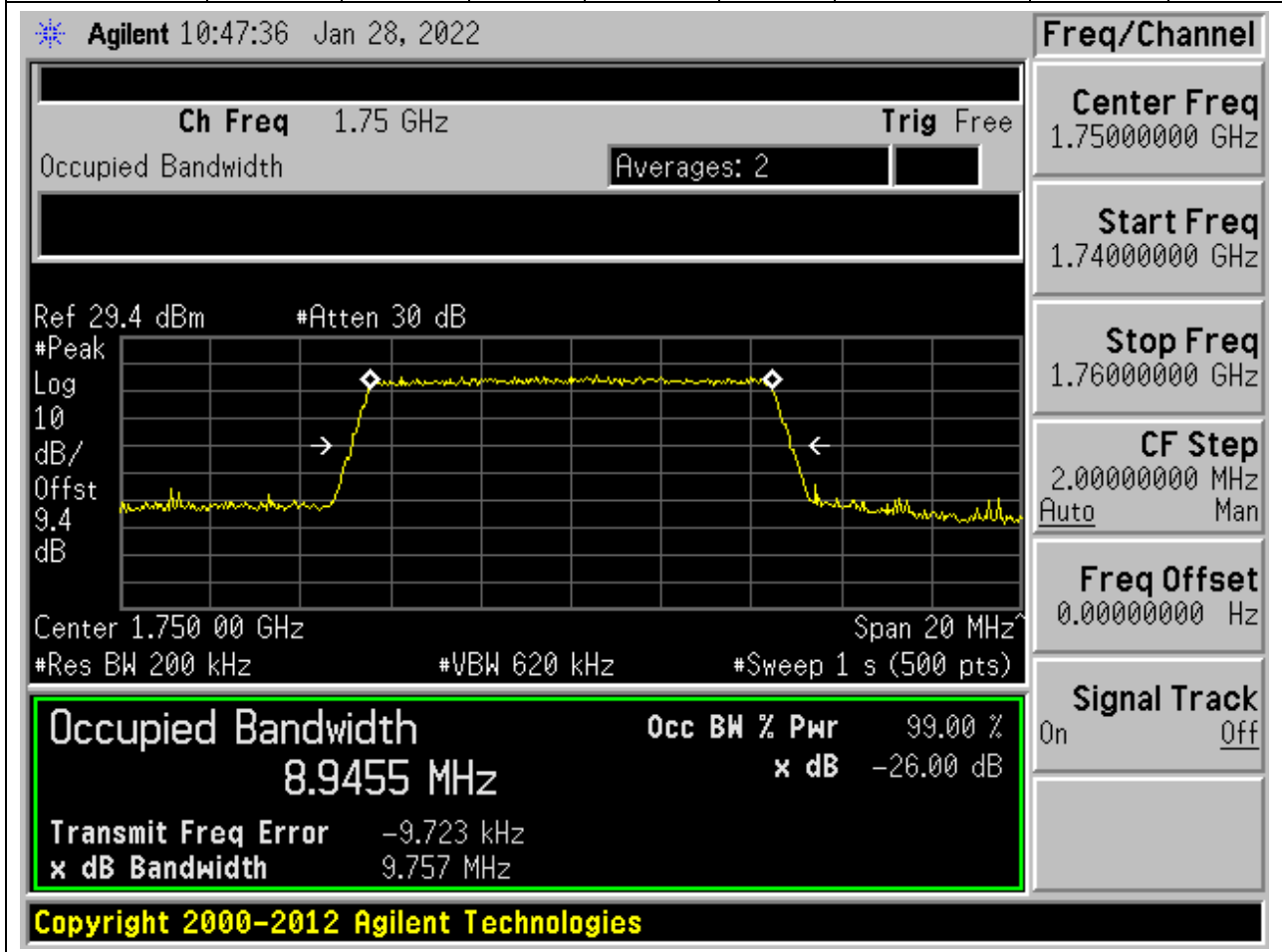
**9.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.937	9.842	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	8.946	9.757	10	Pass



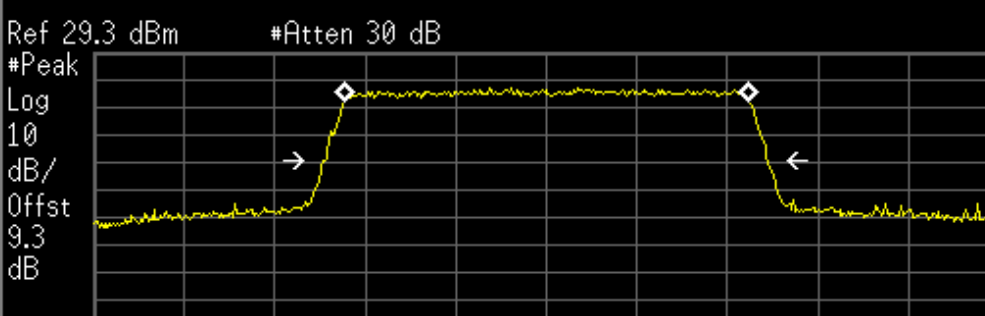
**9.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.42	14.77	15	Pass

**Agilent** 10:48:10 Jan 28, 2022

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

Occupied Bandwidth **Averages: 2**



Ref 29.3 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.3 dB

Center 1.717 50 GHz Span 30 MHz

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

**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

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

**13.4204 MHz** **x dB** -26.00 dB

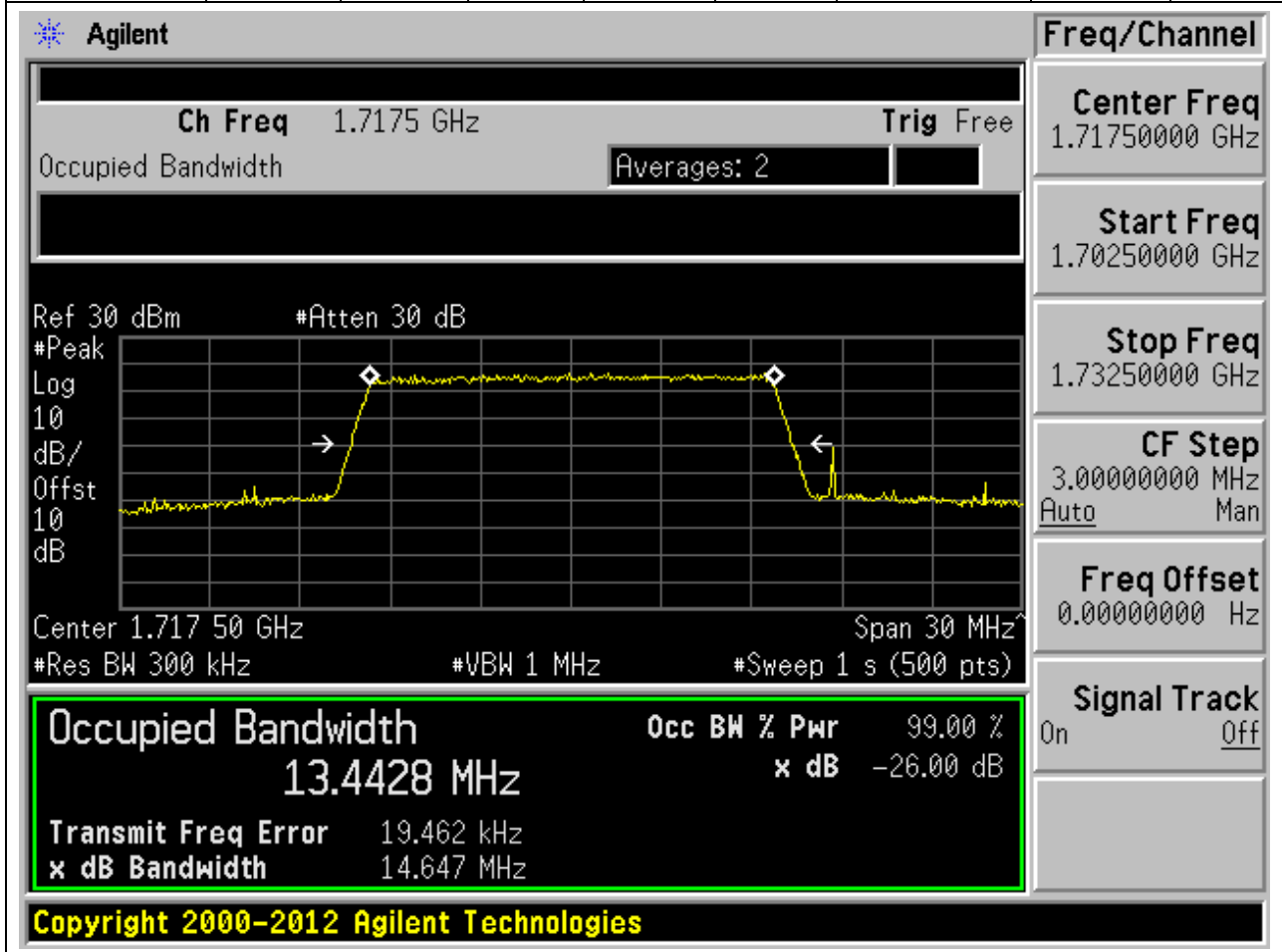
**Transmit Freq Error** 15.874 kHz

**x dB Bandwidth** 14.770 MHz

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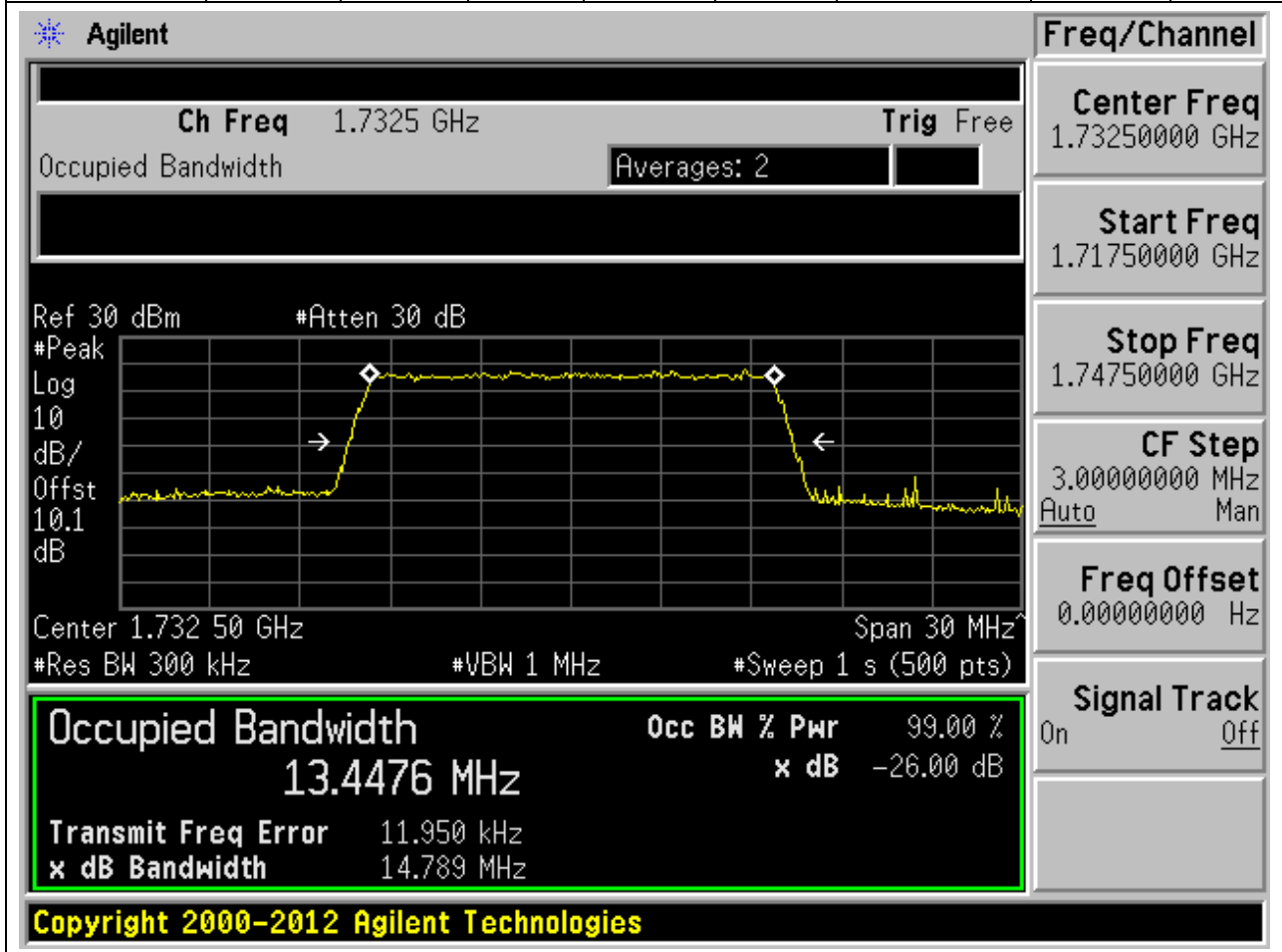
9.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.443	14.647	15	Pass



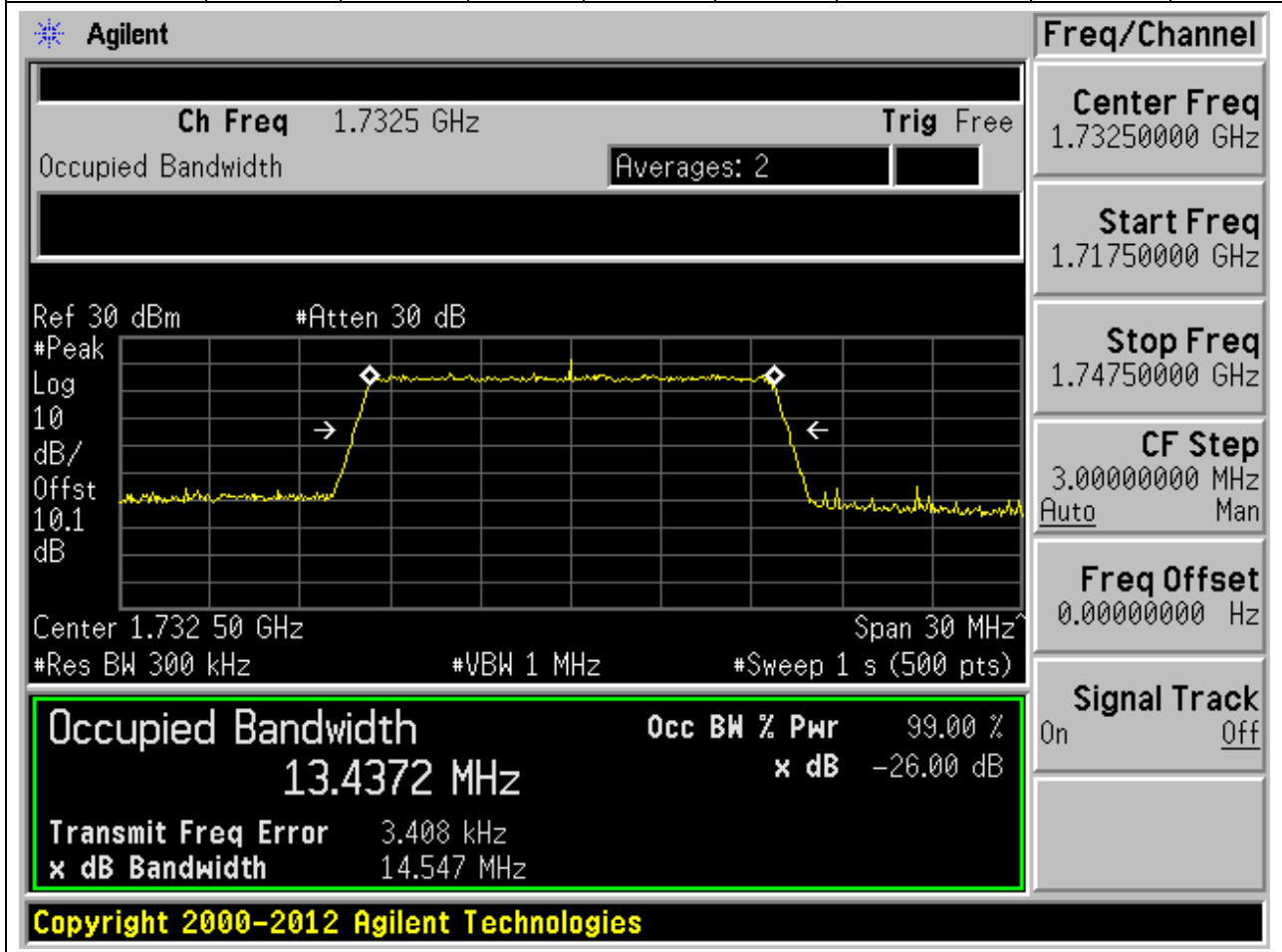
**9.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.448	14.789	15	Pass



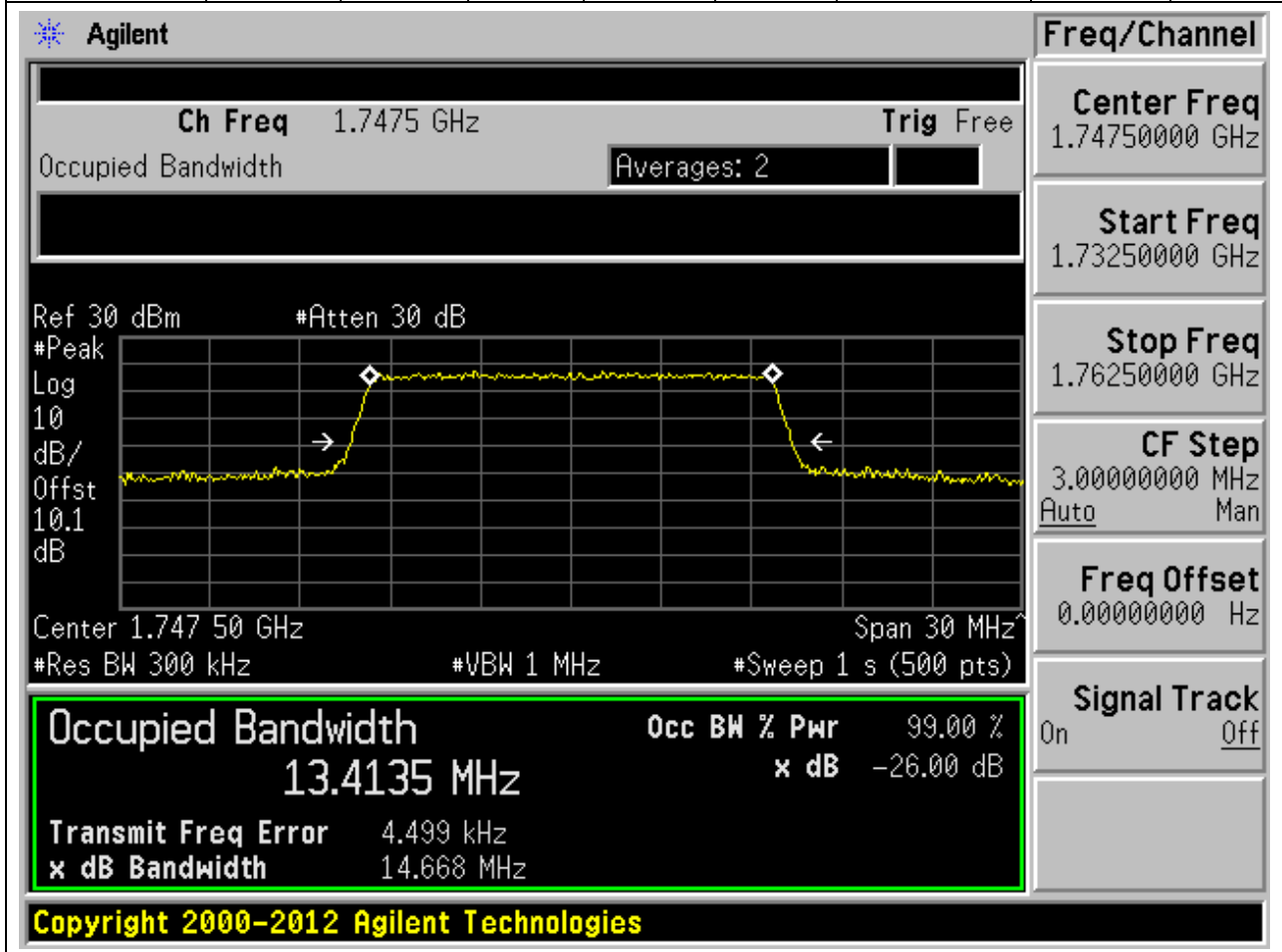
9.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.437	14.547	15	Pass



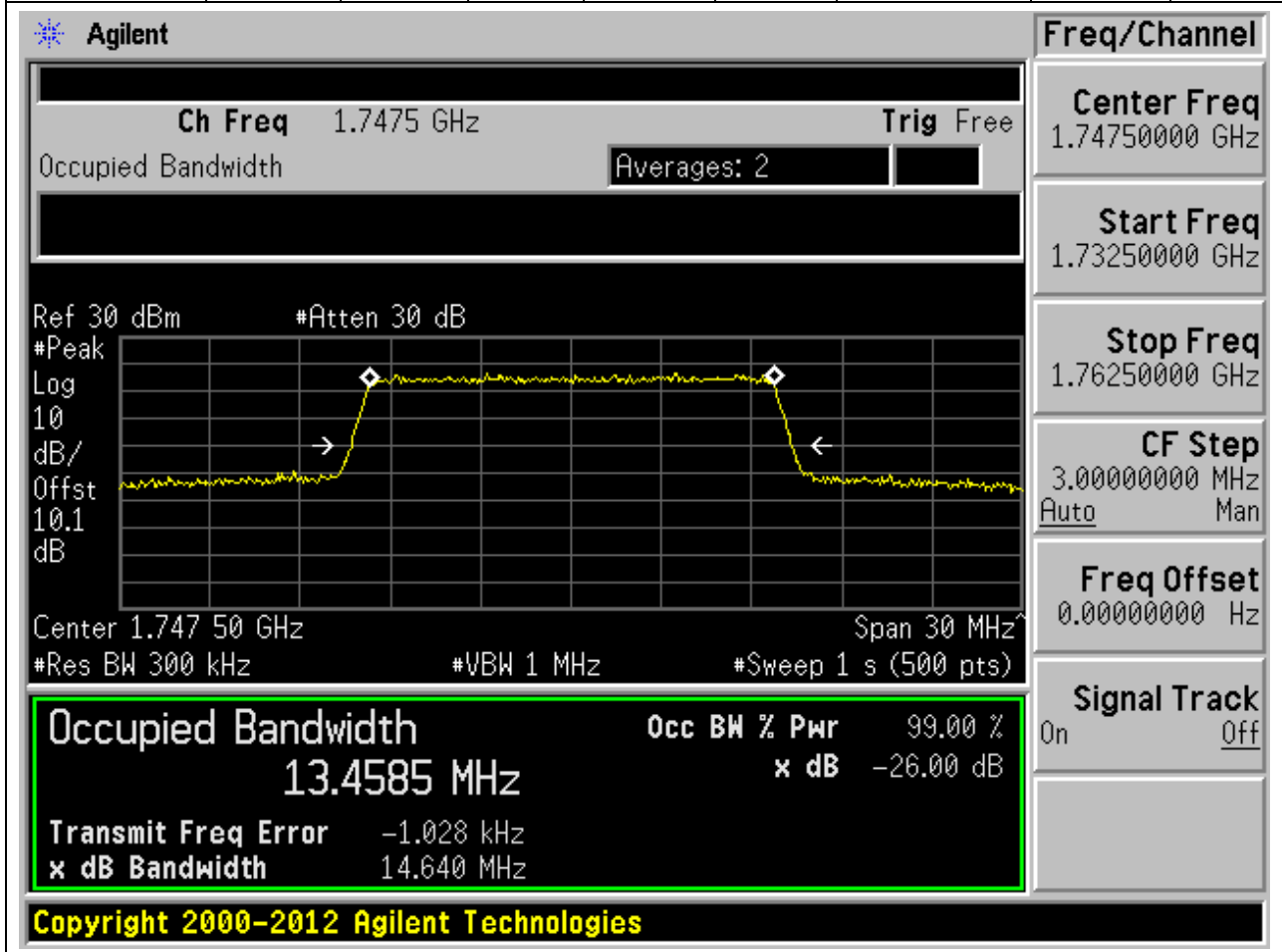
**9.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.413	14.668	15	Pass



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

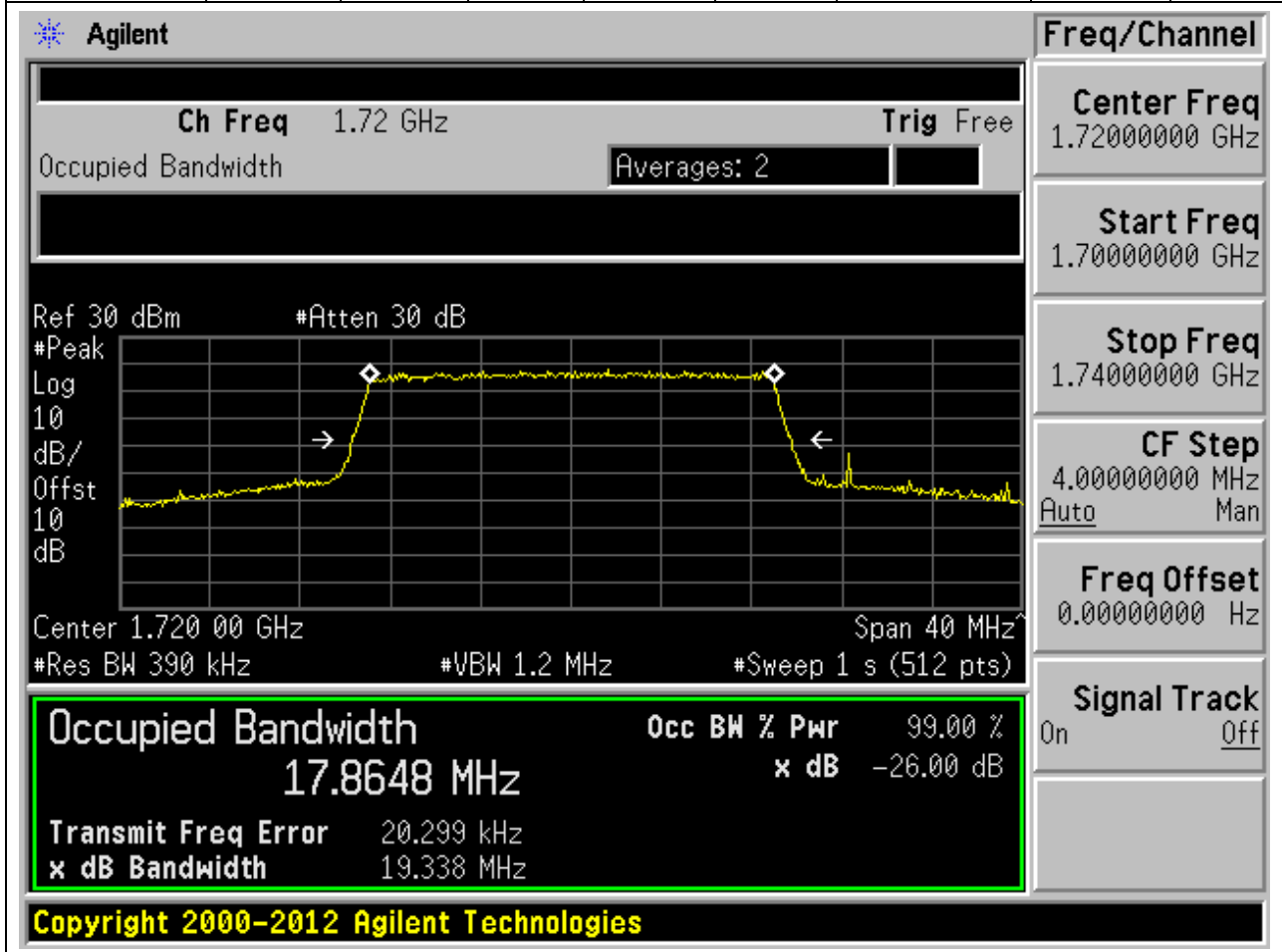
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.458	14.64	15	Pass





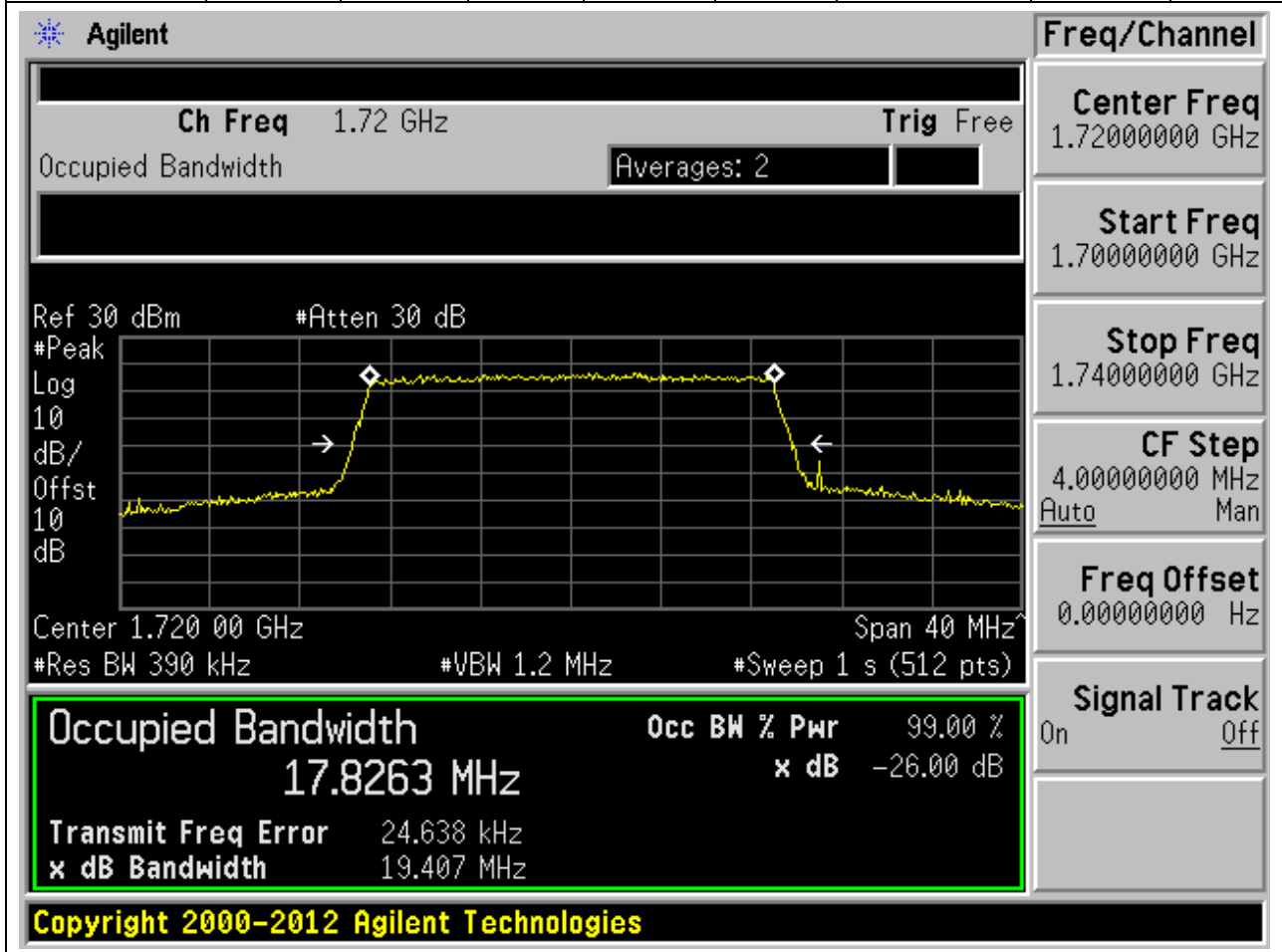
**9.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.865	19.338	20	Pass



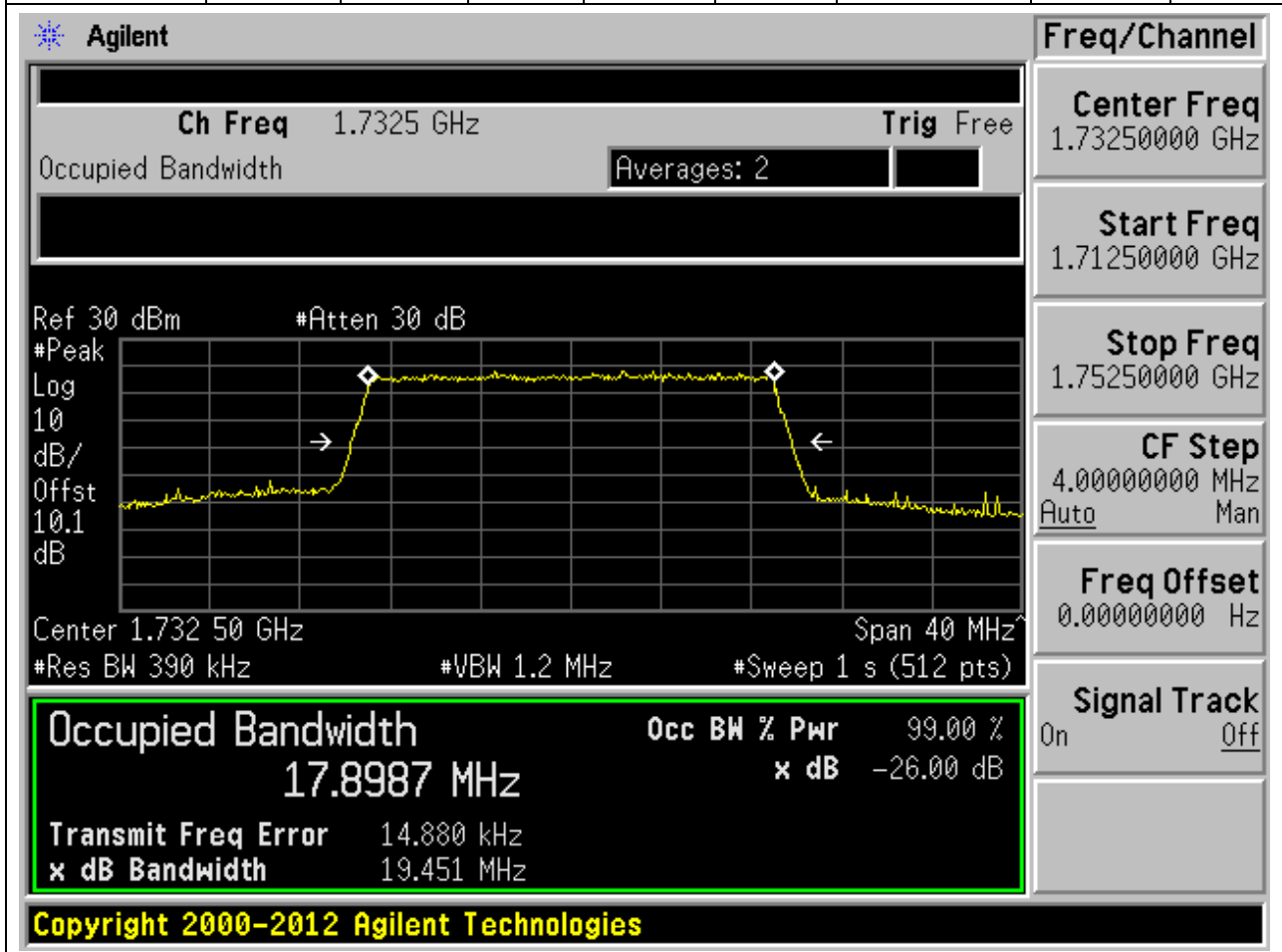
**9.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.826	19.407	20	Pass



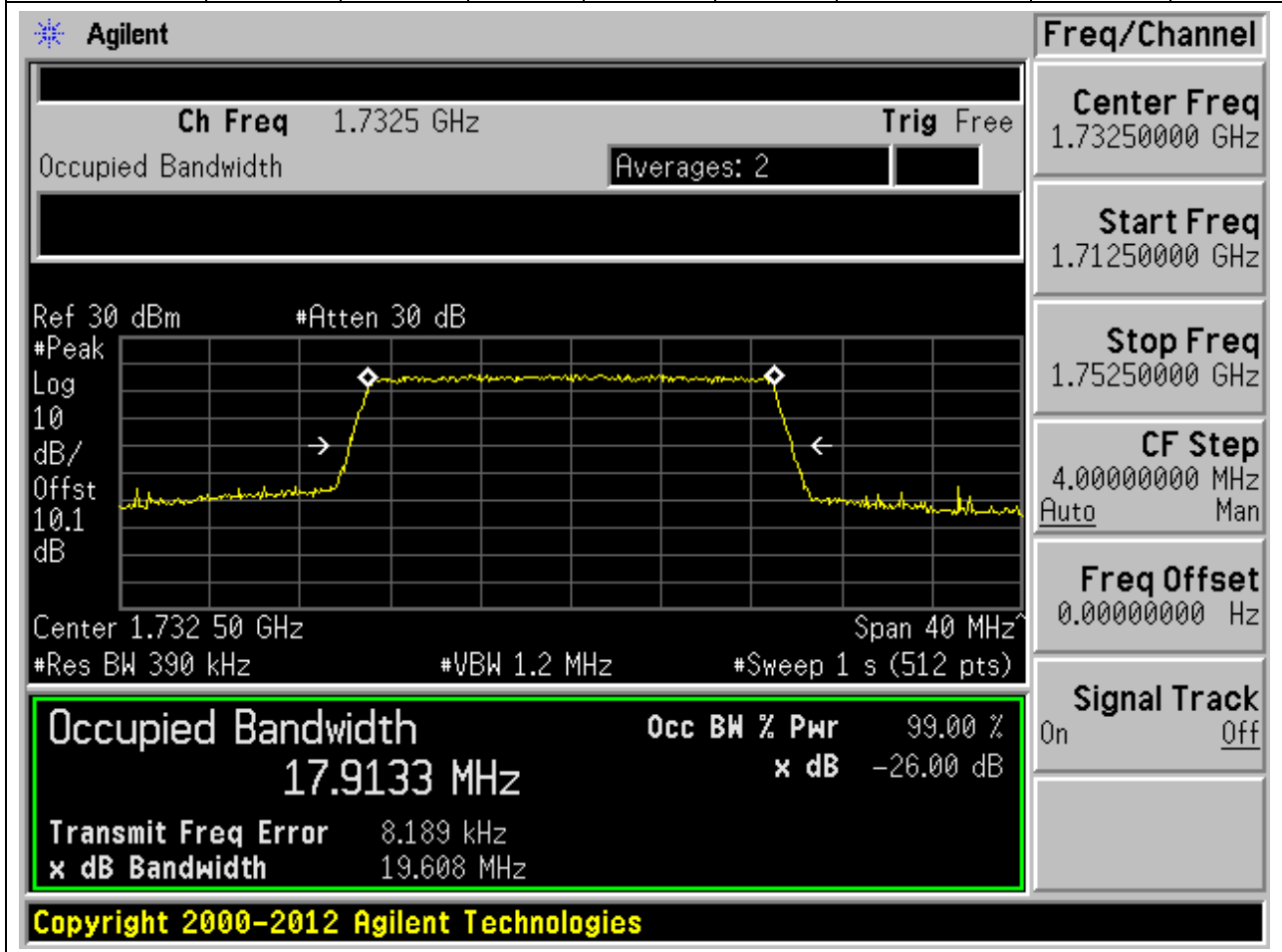
**9.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.899	19.451	20	Pass



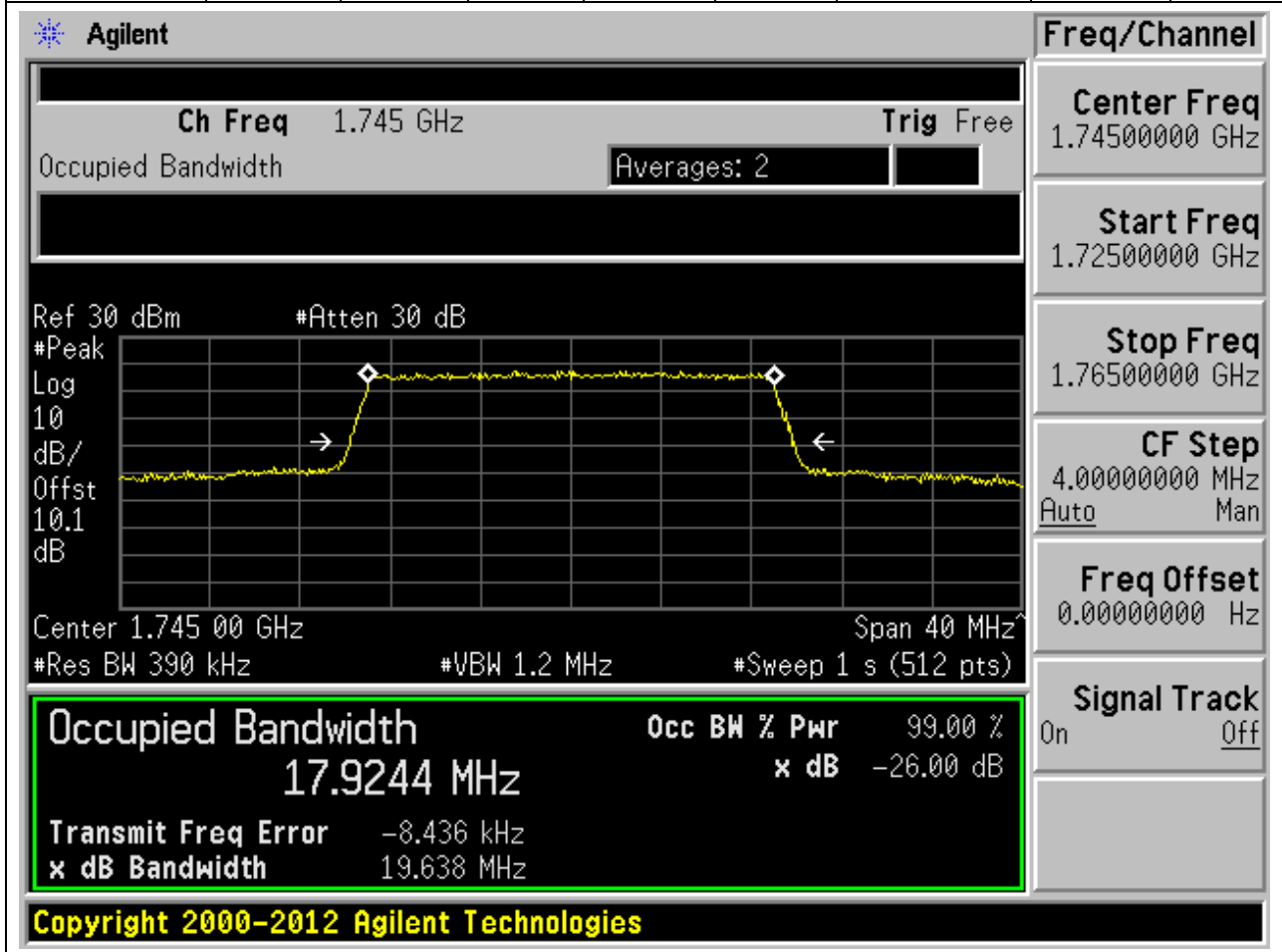
9.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.913	19.608	20	Pass



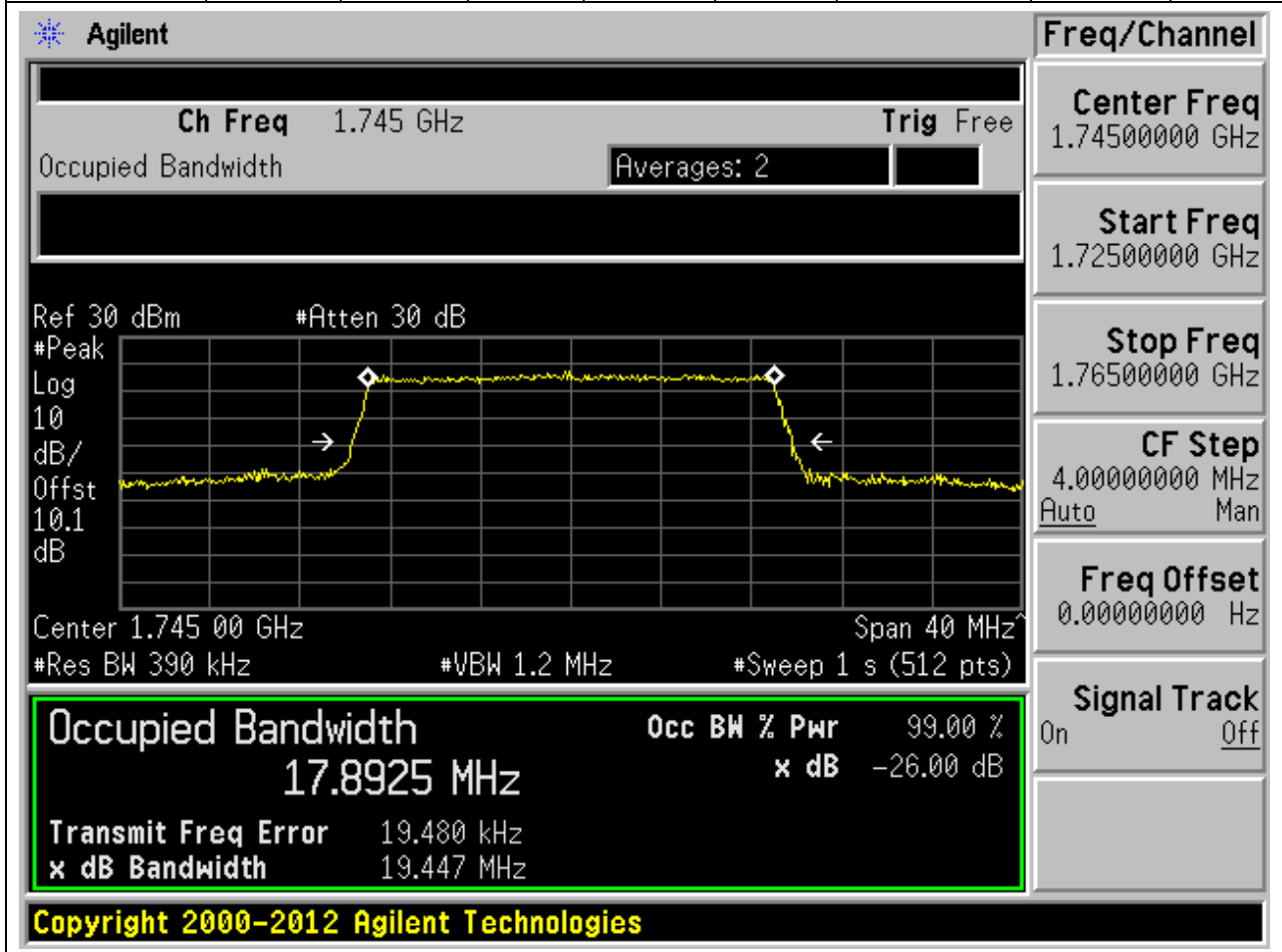
**9.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.924	19.638	20	Pass



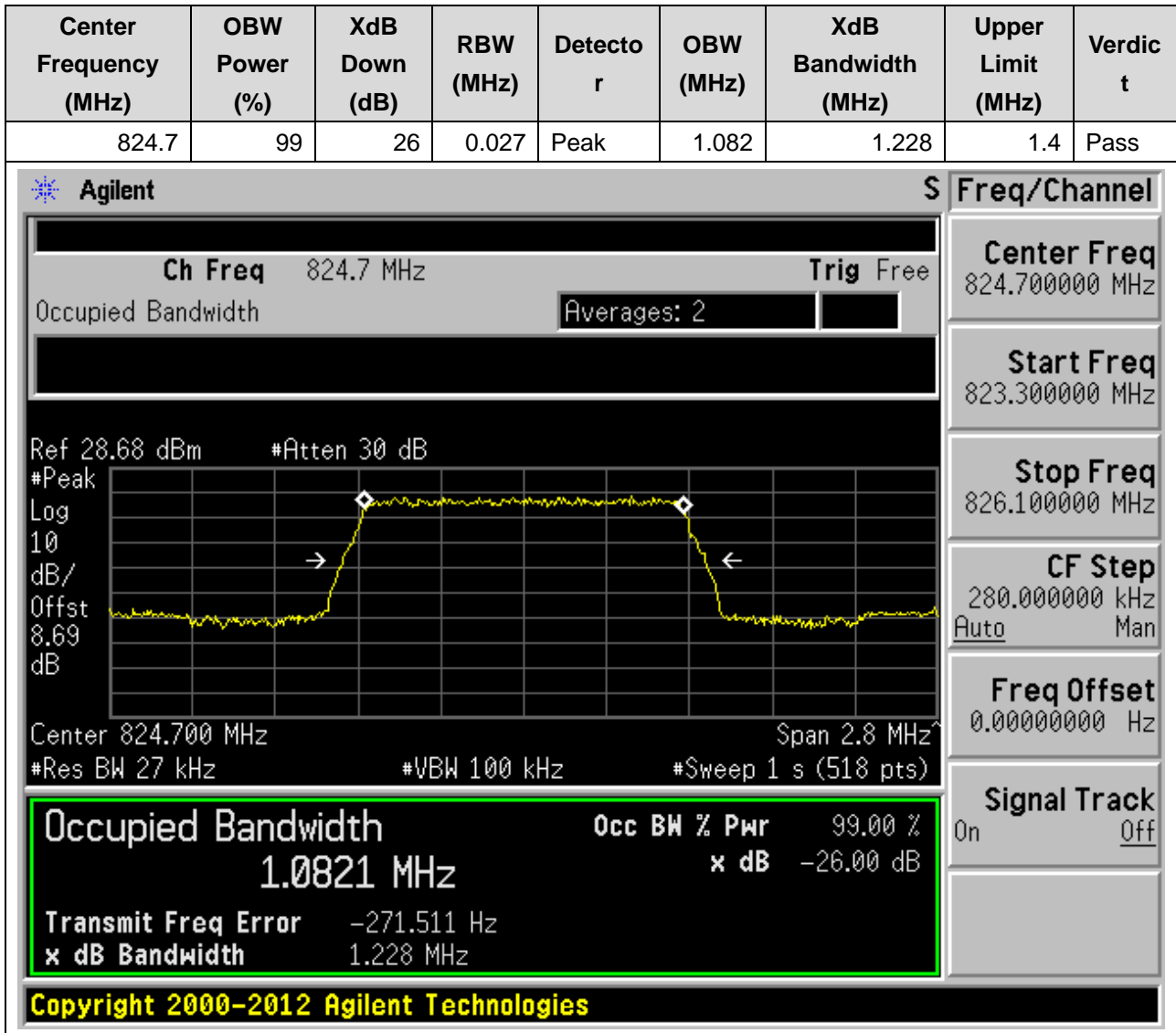
9.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.892	19.447	20	Pass



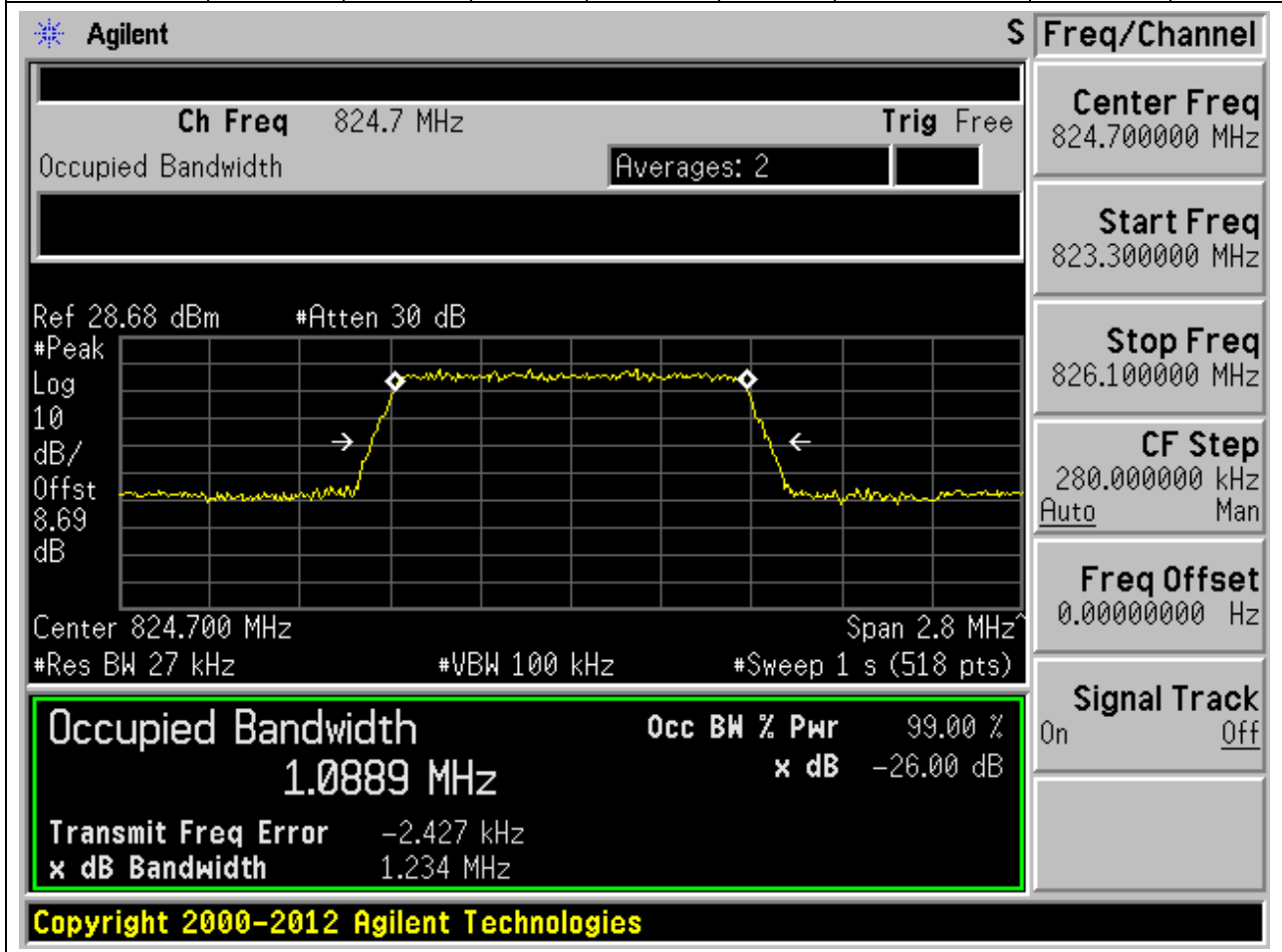
## 10. LTE\_Band5

### 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)**

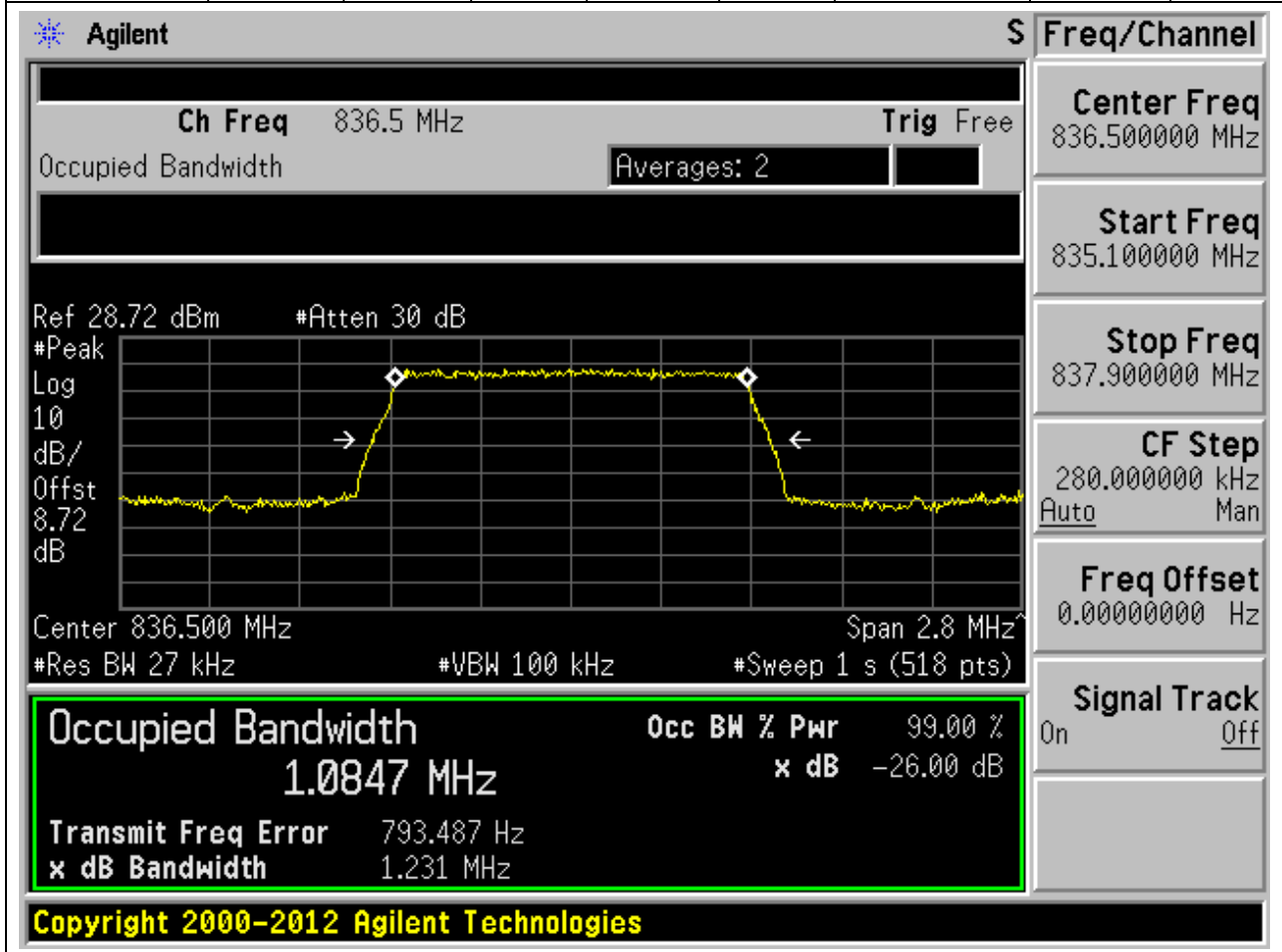
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.089	1.234	1.4	Pass





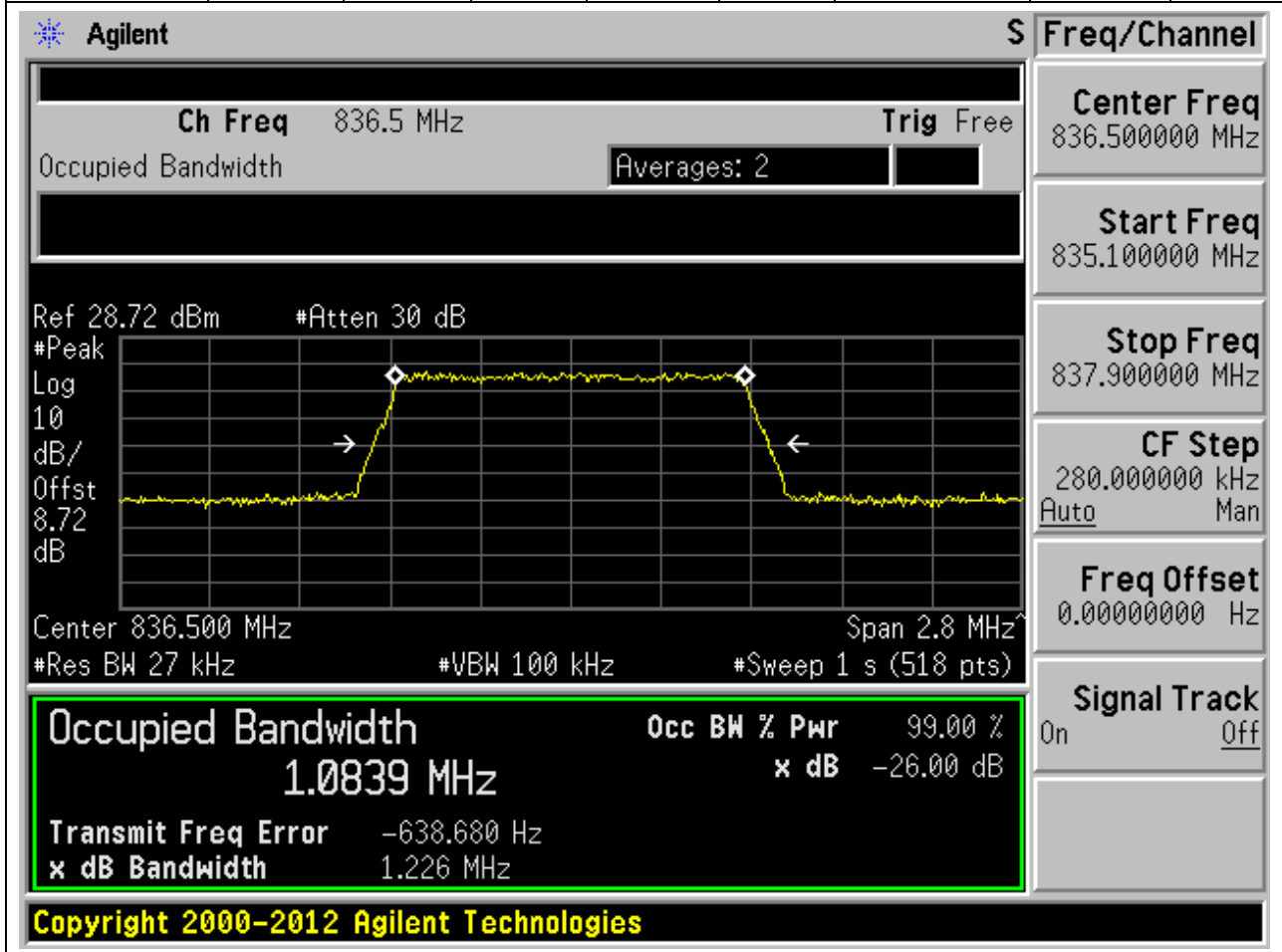
**10.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.085	1.231	1.4	Pass



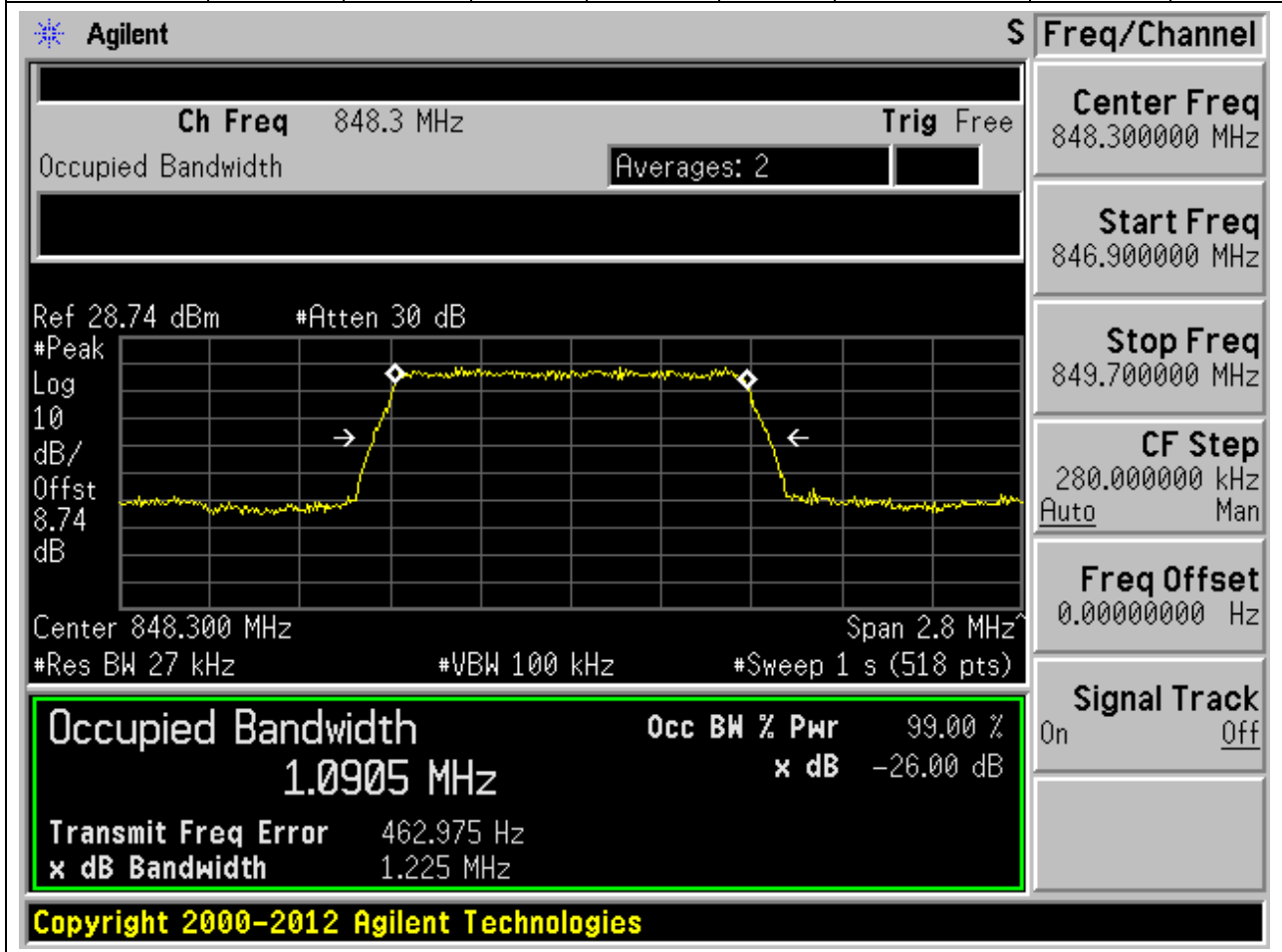
**10.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.084	1.226	1.4	Pass



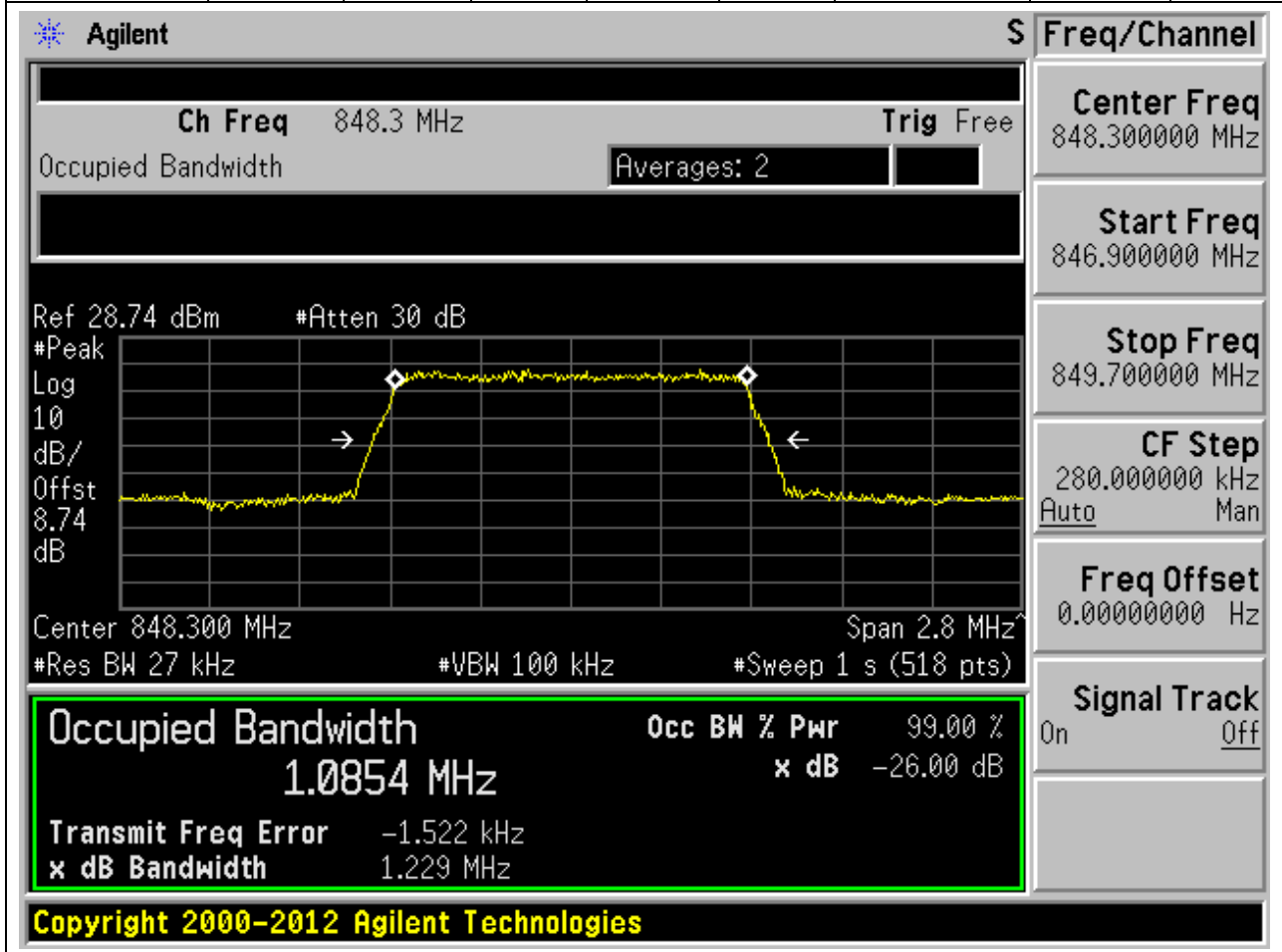
**10.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.225	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	1.085	1.229	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	2.705	2.99	3	Pass

**Agilent**
S

**Ch Freq** 825.5 MHz

Occupied Bandwidth

**Trig** Free

Averages: 2

**Freq/Channel**

**Center Freq**  
825.500000 MHz

**Start Freq**  
822.500000 MHz

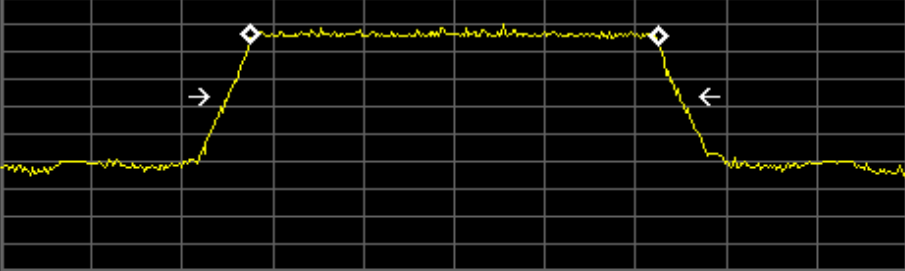
**Stop Freq**  
828.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 28.69 dBm #Atten 30 dB



Center 825.500 MHz Span 6 MHz  
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

**Occupied Bandwidth** 2.7051 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -4.864 kHz

**x dB Bandwidth** 2.990 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.696	3.025	3	Pass

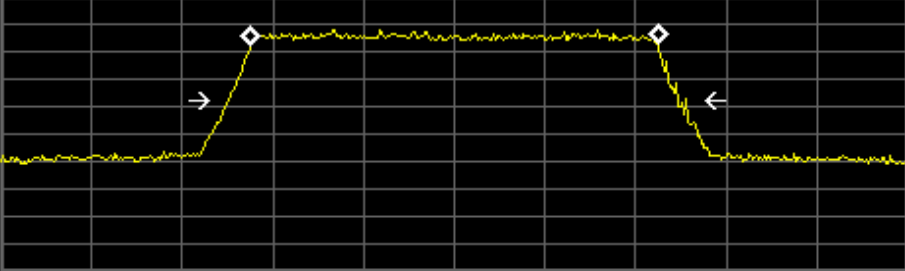
Agilent
S Freq/Channel

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.69 dB



Center 825.500 MHz Span 6 MHz

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

Center Freq 825.500000 MHz

Start Freq 822.500000 MHz

Stop Freq 828.500000 MHz

CF Step 600.000000 kHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**2.6959 MHz** x dB -26.00 dB

Transmit Freq Error -4.212 kHz

x dB Bandwidth 3.025 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	2.699	2.991	3	Pass

**Agilent** S

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

Occupied Bandwidth Averages: 2

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Ref 28.72 dBm #Atten 30 dB

#Peak

Log

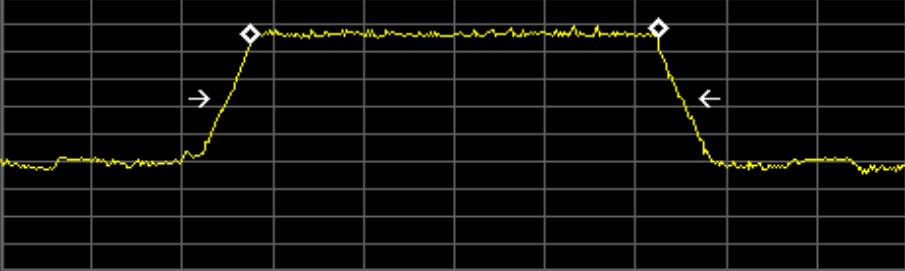
10

dB/

Offst

8.72

dB



Center 836.500 MHz Span 6 MHz

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

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<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6985 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.708 kHz	
<b>x dB Bandwidth</b>	2.991 MHz	

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
833.500000 MHz

**Stop Freq**  
839.500000 MHz


**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

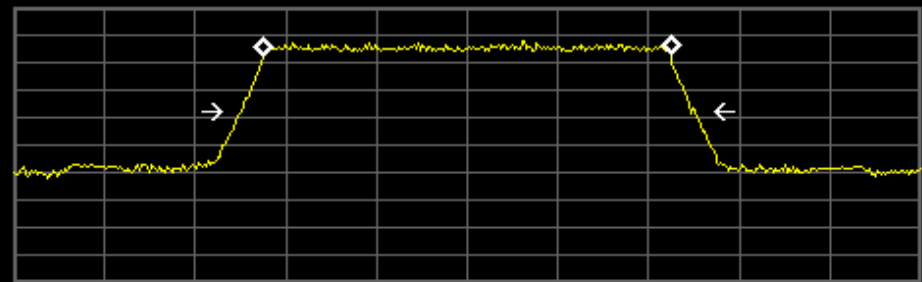
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.695	3.005	3	Pass

 Agilent
S Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.72 dBm #Atten 30 dB



Center 836.500 MHz Span 6 MHz  
 #Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

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

2.6954 MHz x dB -26.00 dB

Transmit Freq Error -4.650 kHz

x dB Bandwidth 3.005 MHz

Signal Track On Off

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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	4.498	4.964	5	Pass

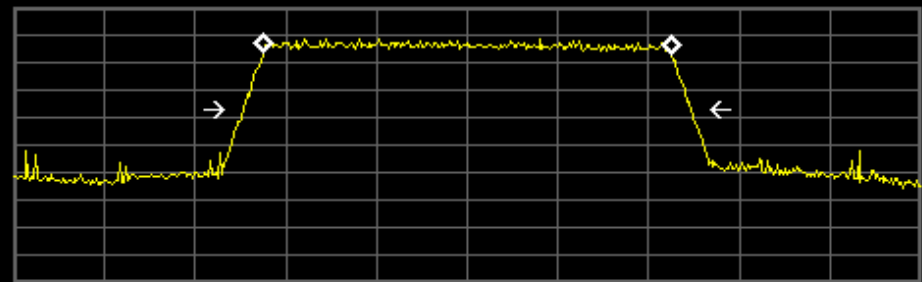
 Agilent
S Freq/Channel

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 28.69 dBm #Atten 30 dB



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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4984 MHz	x dB	-26.00 dB
Transmit Freq Error		-1.167 kHz
x dB Bandwidth		4.964 MHz

Signal Track	On <u>Off</u>
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10.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.488	4.959	5	Pass

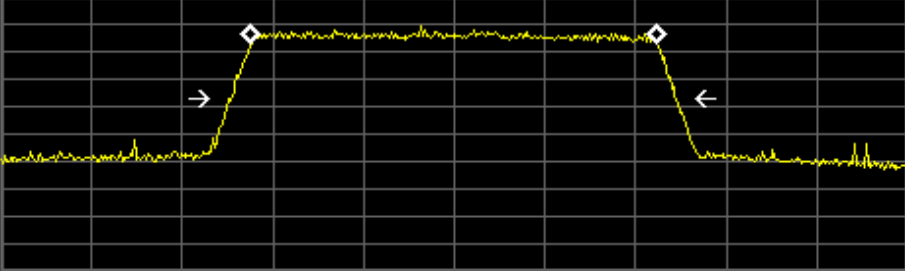
Agilent
S Freq/Channel

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.69 dB



Center 826.500 MHz Span 10 MHz

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

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 %

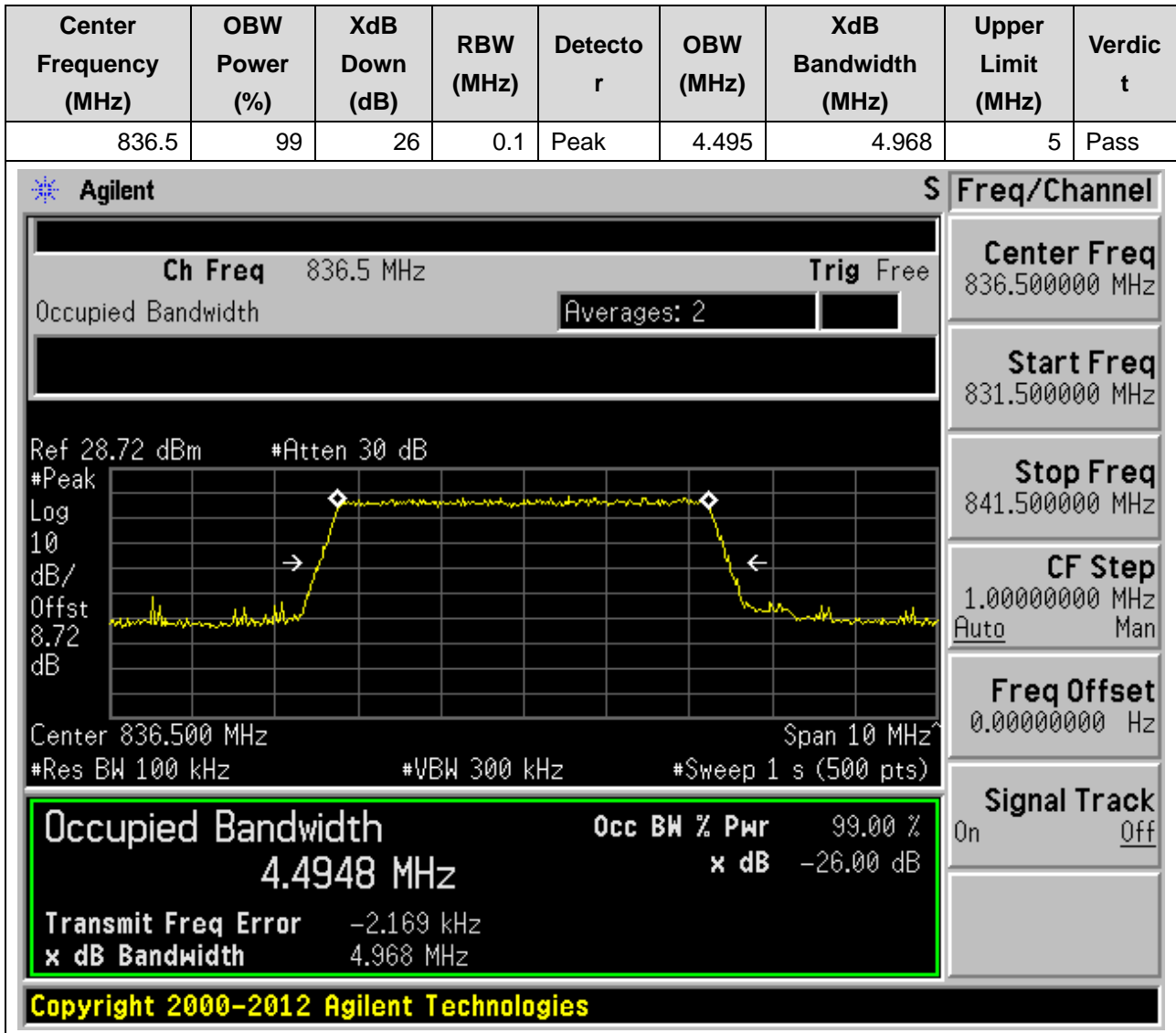
**4.4878 MHz** x dB -26.00 dB

Transmit Freq Error -5.340 kHz

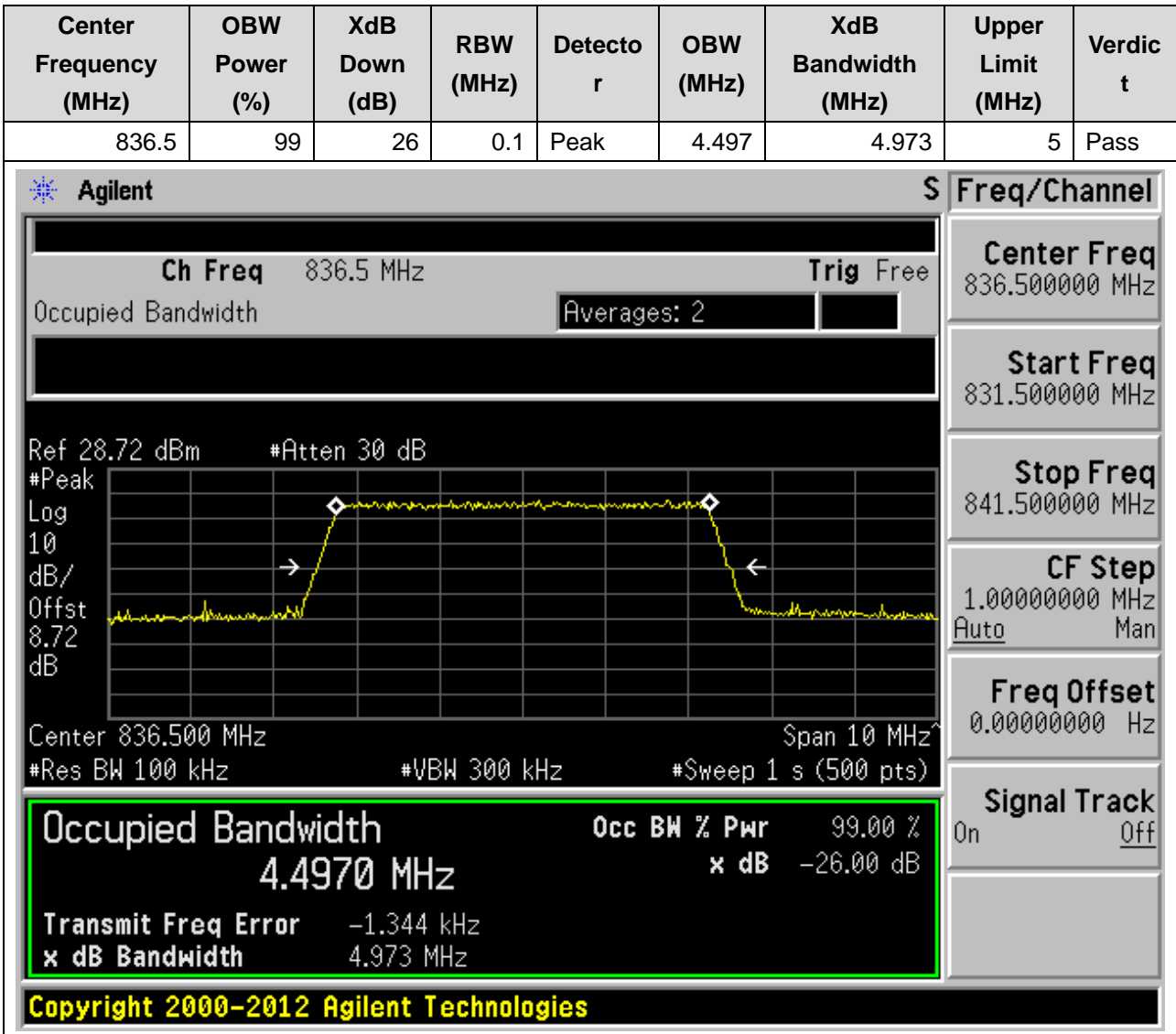
x dB Bandwidth 4.959 MHz

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



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



**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	4.947	5	Pass

**Agilent** S

---

**Ch Freq** 846.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.74 dBm #Atten 30 dB

#Peak

Log

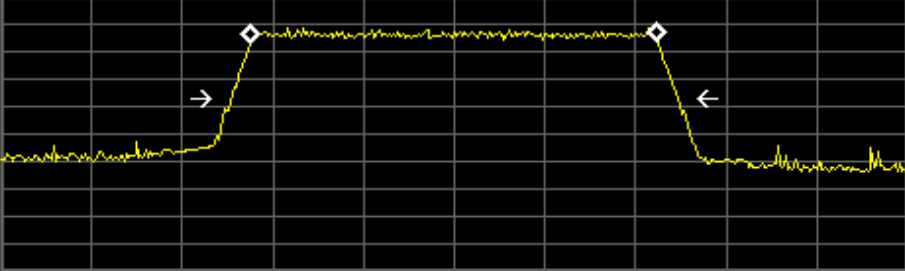
10

dB/

Offst

8.74

dB



Center 846.500 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz

#Sweep 1 s (500 pts)

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4914 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.948 kHz	
<b>x dB Bandwidth</b>	4.947 MHz	

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**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

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

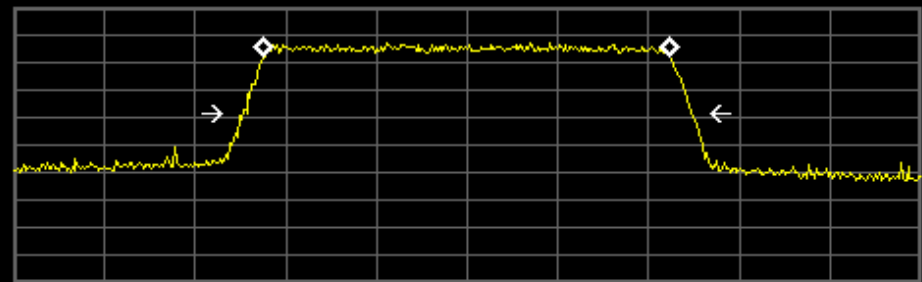
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.496	4.958	5	Pass

 Agilent
S Freq/Channel

Ch Freq 846.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.74 dBm #Atten 30 dB



Center 846.500 MHz Span 10 MHz  
 #Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

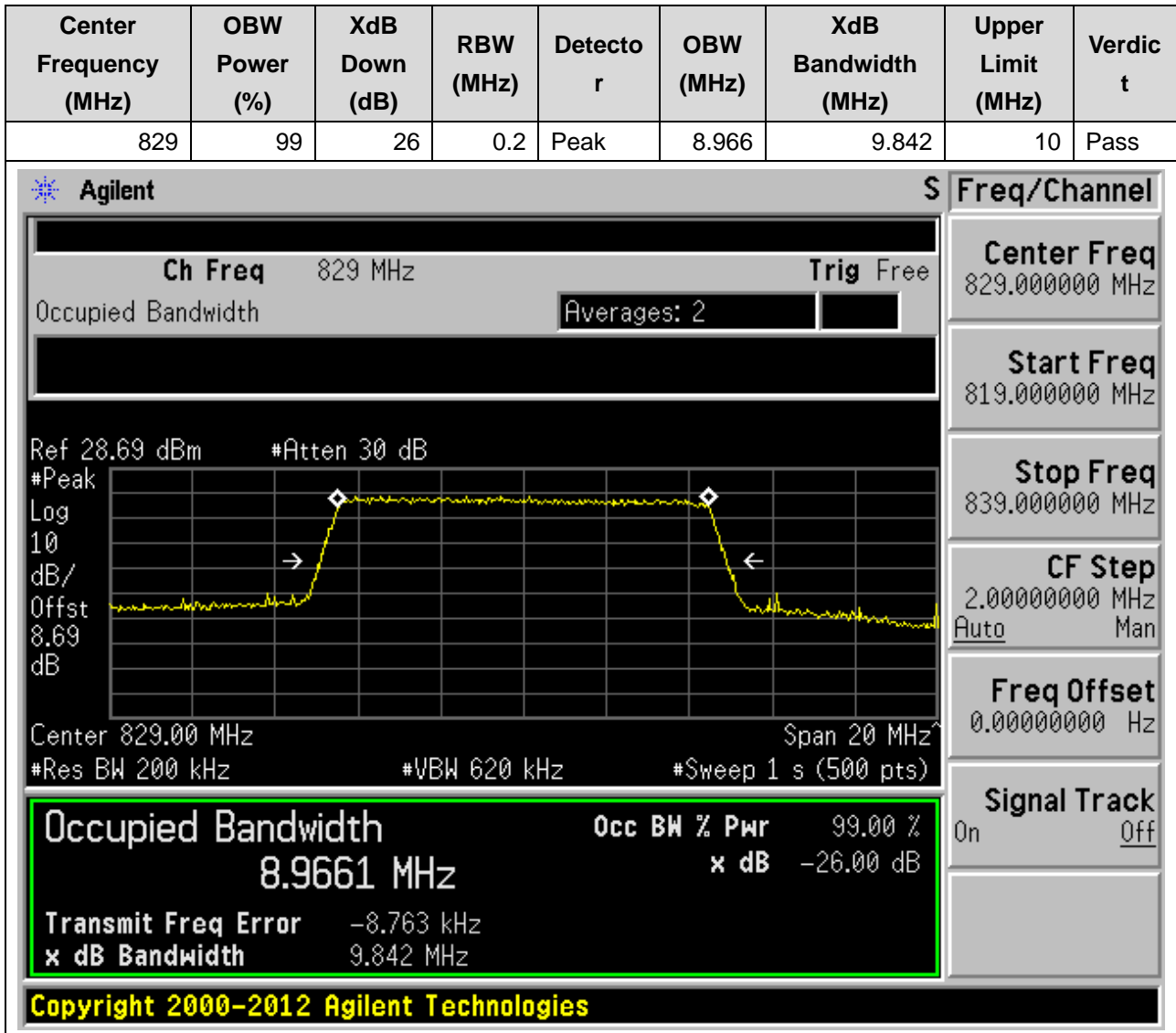
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4959 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.332 kHz	
<b>x dB Bandwidth</b>	4.958 MHz	

<b>Signal Track</b>	On <u>Off</u>
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**10.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**





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

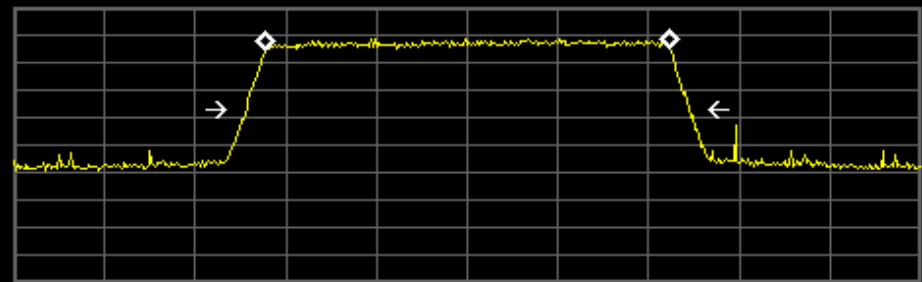
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.948	9.803	10	Pass

 Agilent
S Freq/Channel

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

Occupied Bandwidth Averages: 2

Ref 28.72 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

8.9485 MHz

Transmit Freq Error	8.537 kHz
x dB Bandwidth	9.803 MHz

Occ BW % Pwr	99.00 %
x dB	-26.00 dB

Signal Track

On Off

Freq Offset

0.00000000 Hz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.946	9.807	10	Pass

**Agilent**
S

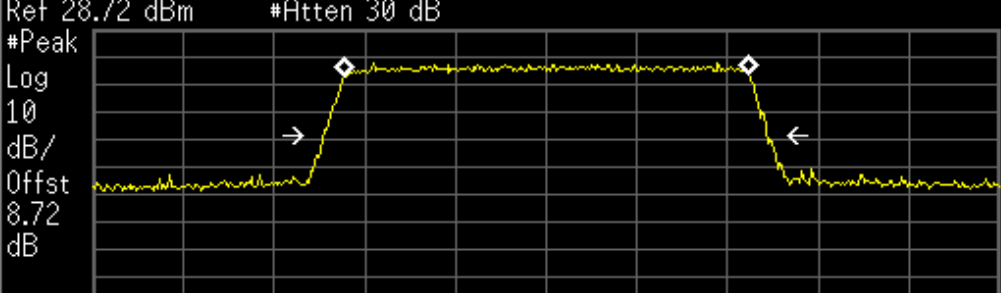
**Ch Freq** 836.5 MHz

Occupied Bandwidth

**Trig** Free

Averages: 2

Ref 28.72 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** 8.9463 MHz

**Occ BW % Pwr** 99.00 %

**x dB Bandwidth** 9.807 MHz

**x dB** -26.00 dB

Transmit Freq Error 6.737 kHz

**Freq/Channel**

**Center Freq** 836.500000 MHz

**Start Freq** 826.500000 MHz

**Stop Freq** 846.500000 MHz

**CF Step** 2.00000000 MHz


**Freq Offset** 0.00000000 Hz

**Signal Track** On

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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	8.95	9.831	10	Pass

 Agilent
S

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

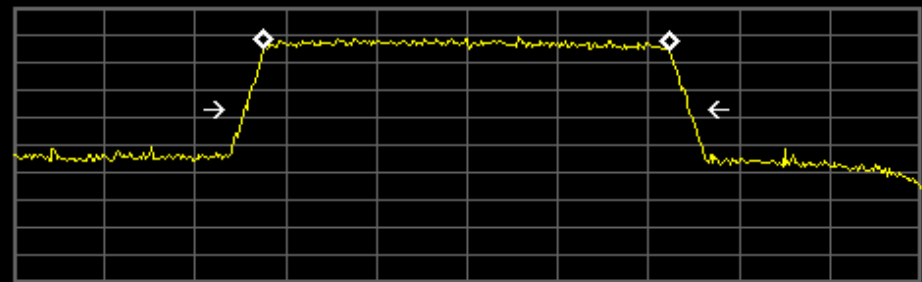
**Stop Freq**  
854.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 28.73 dBm    #Atten 30 dB



#Peak Log 10 dB/Offst 8.73 dB

Center 844.00 MHz    Span 20 MHz

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

**Occupied Bandwidth**

**8.9505 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

Transmit Freq Error -14.111 kHz

x dB Bandwidth 9.831 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.947	9.807	10	Pass

Agilent
S

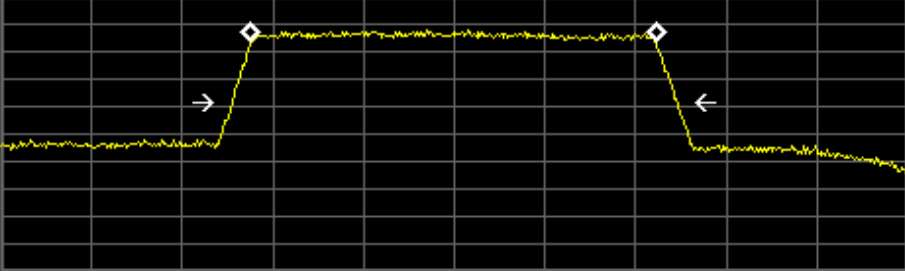
**Ch Freq** 844 MHz

Occupied Bandwidth

**Trig** Free

Averages: 2

Ref 28.73 dBm #Atten 30 dB



Center 844.00 MHz Span 20 MHz

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

**Occupied Bandwidth** 8.9470 MHz

**Occ BW % Pwr** 99.00 %

**x dB Bandwidth** 9.807 MHz

**x dB** -26.00 dB

Transmit Freq Error -21.183 kHz

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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

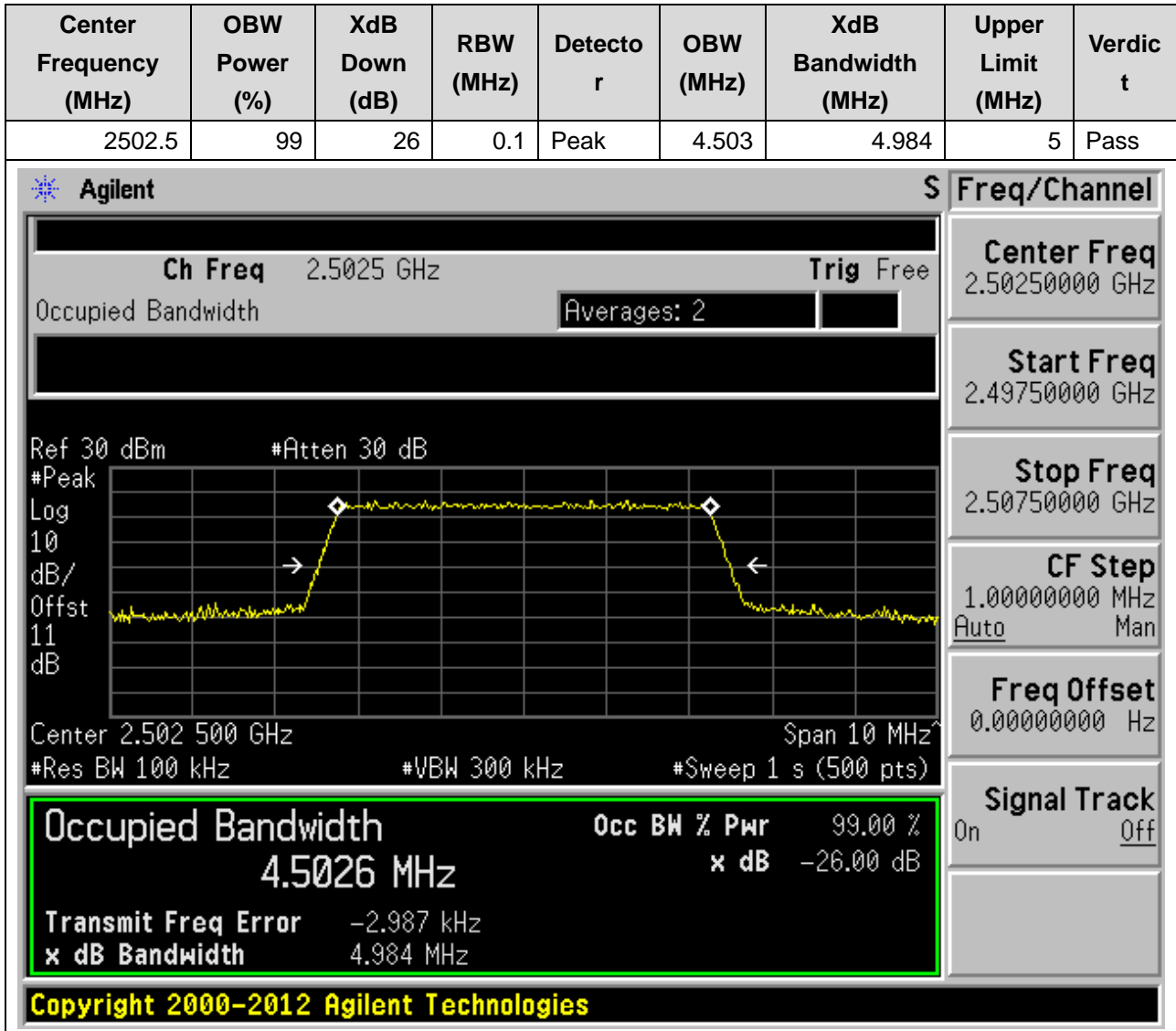
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

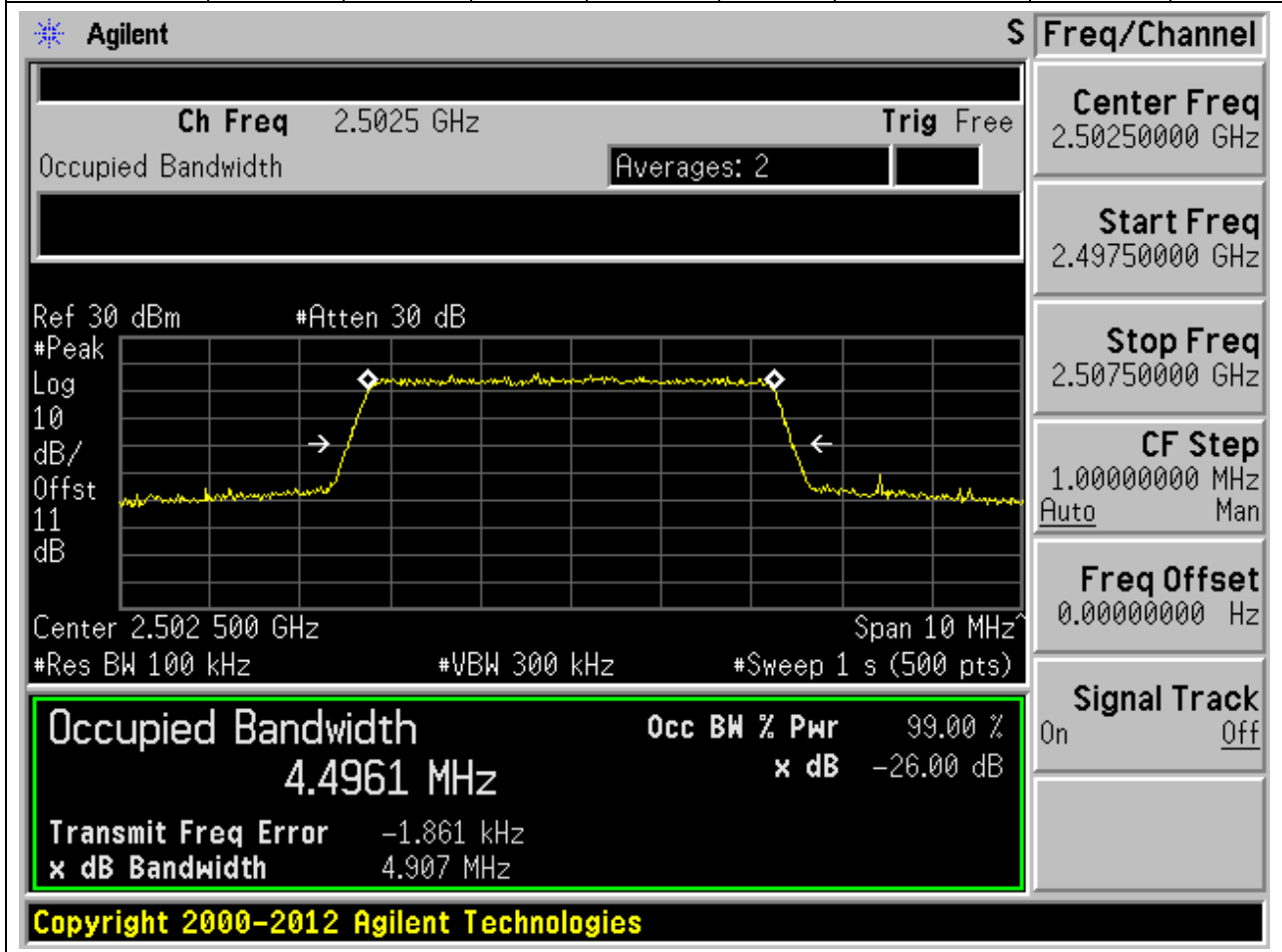
## 11. LTE\_Band7

### 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	4.496	4.907	5	Pass



**Agilent** S Freq/Channel

Ch Freq 2.5025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.502 500 GHz Span 10 MHz

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

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

4.4961 MHz x dB -26.00 dB

Transmit Freq Error -1.861 kHz

x dB Bandwidth 4.907 MHz

Signal Track On Off

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

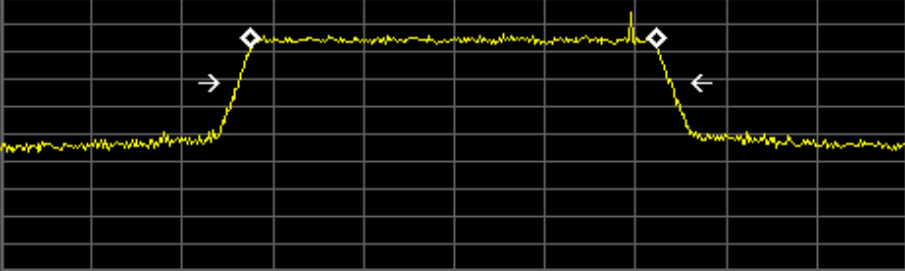
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.484	4.745	5	Pass

Agilent
S Freq/Channel

Ch Freq 2.535 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



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

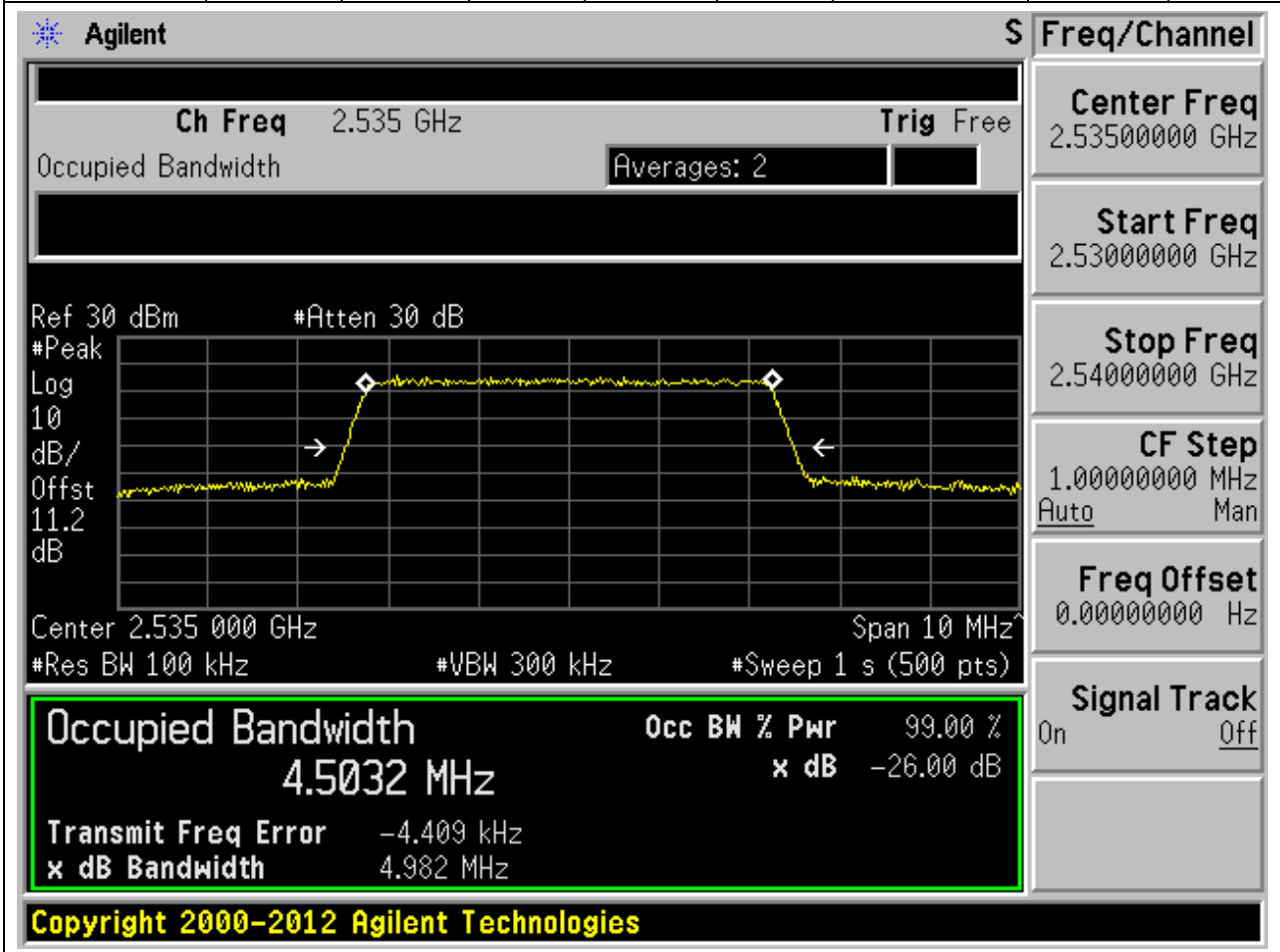
Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4845 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.866 kHz	
x dB Bandwidth	4.745 MHz	

Signal Track	On <u>Off</u>
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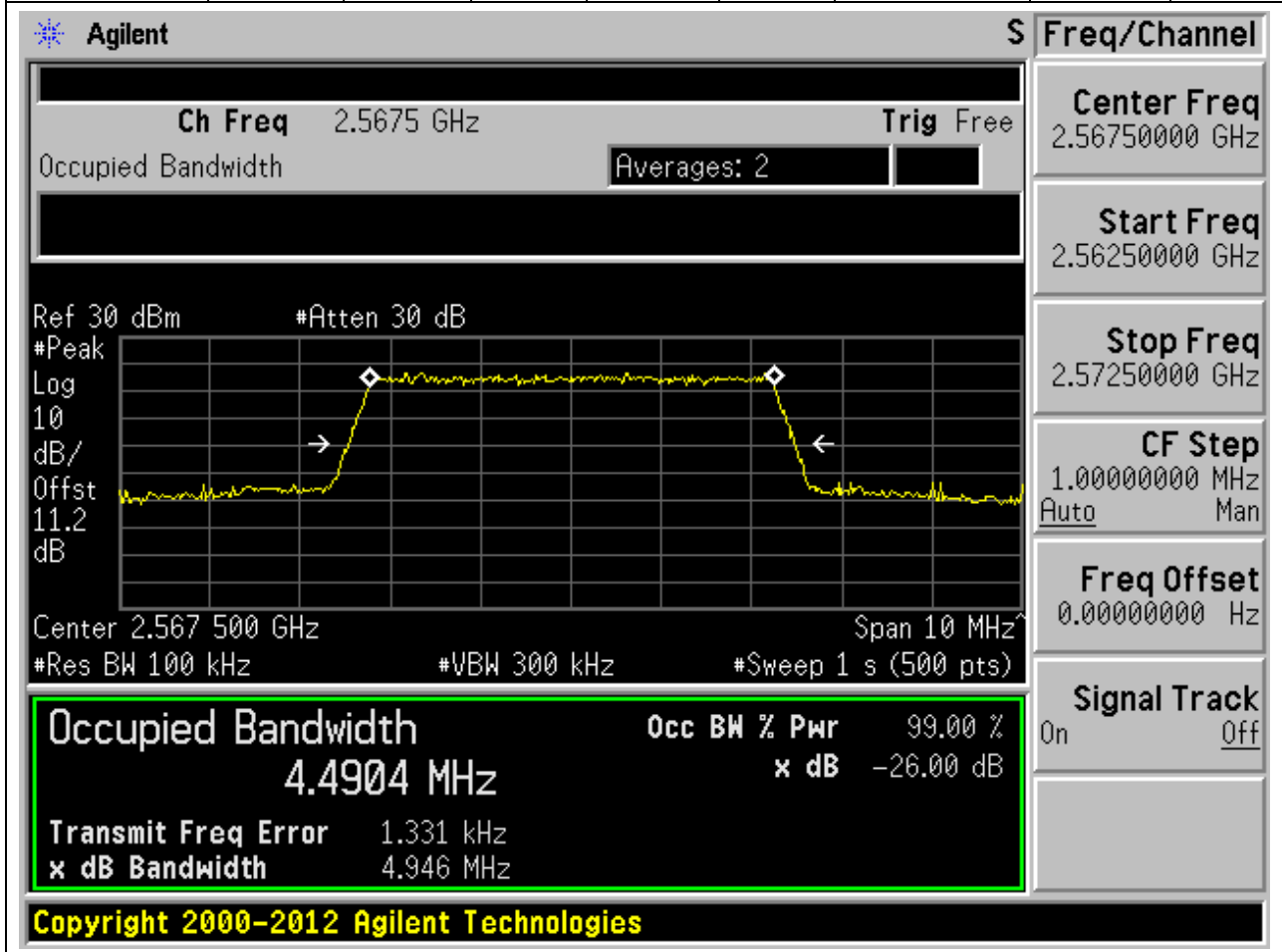
11.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.503	4.982	5	Pass

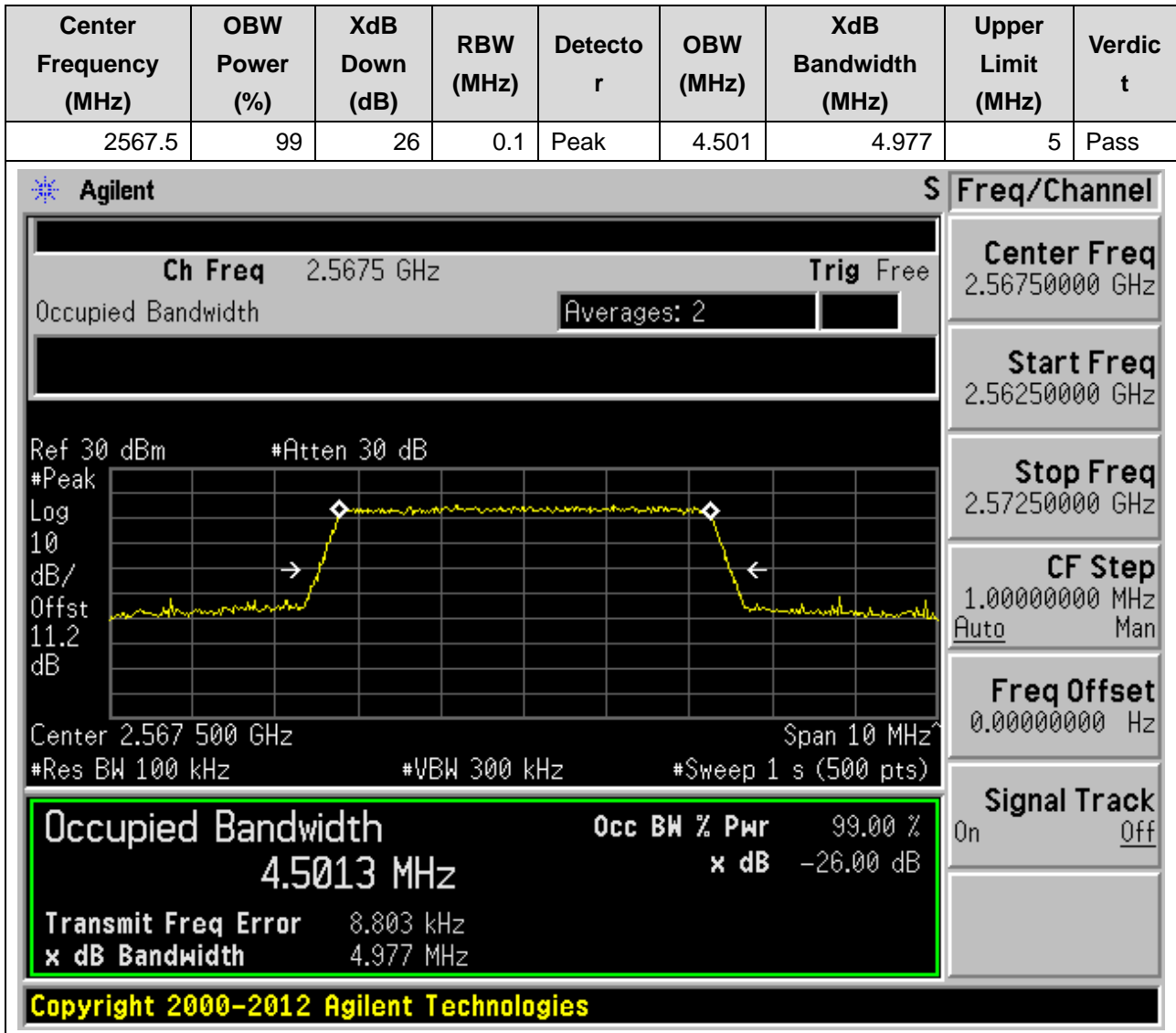


**11.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.49	4.946	5	Pass

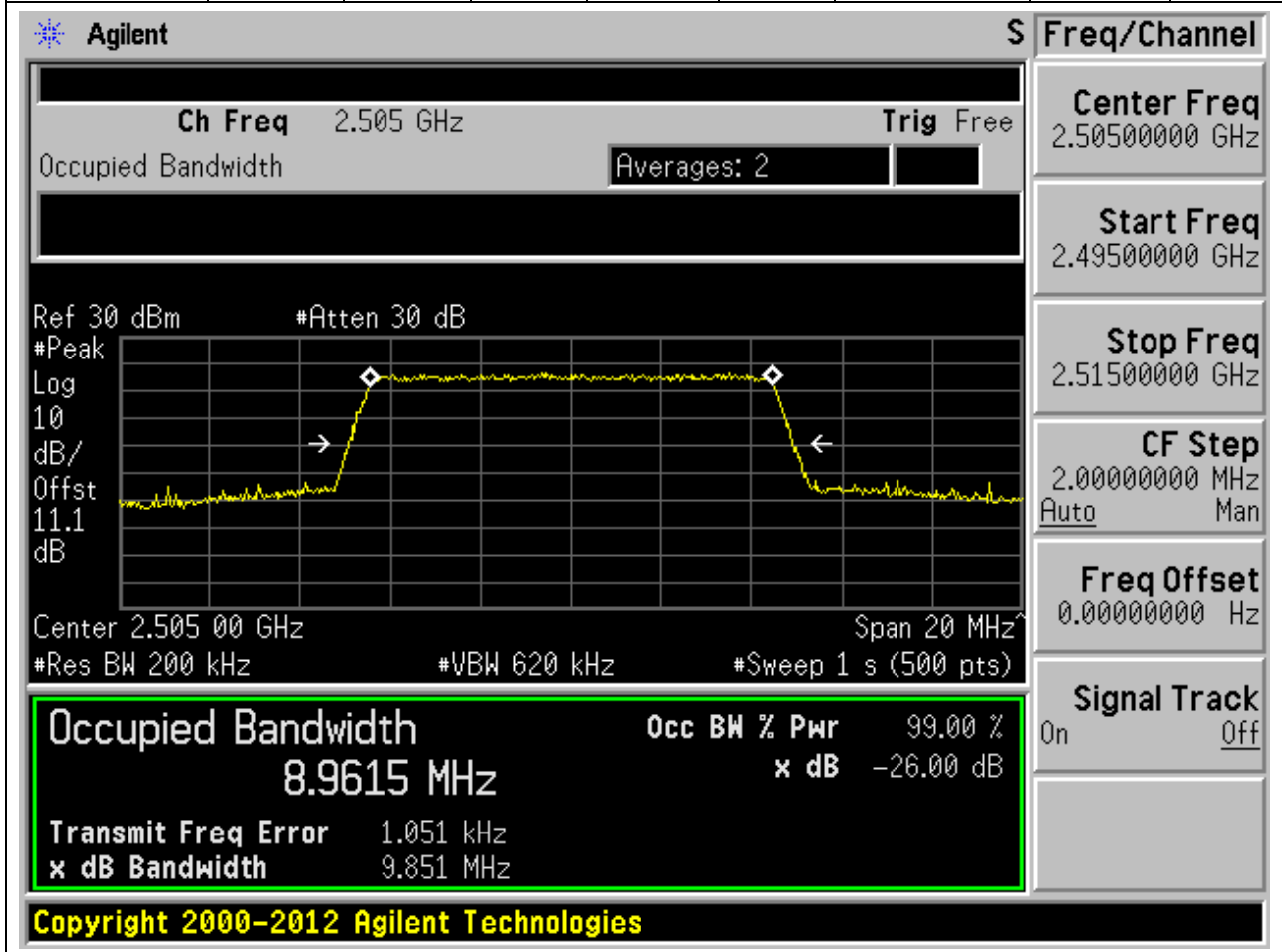


11.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



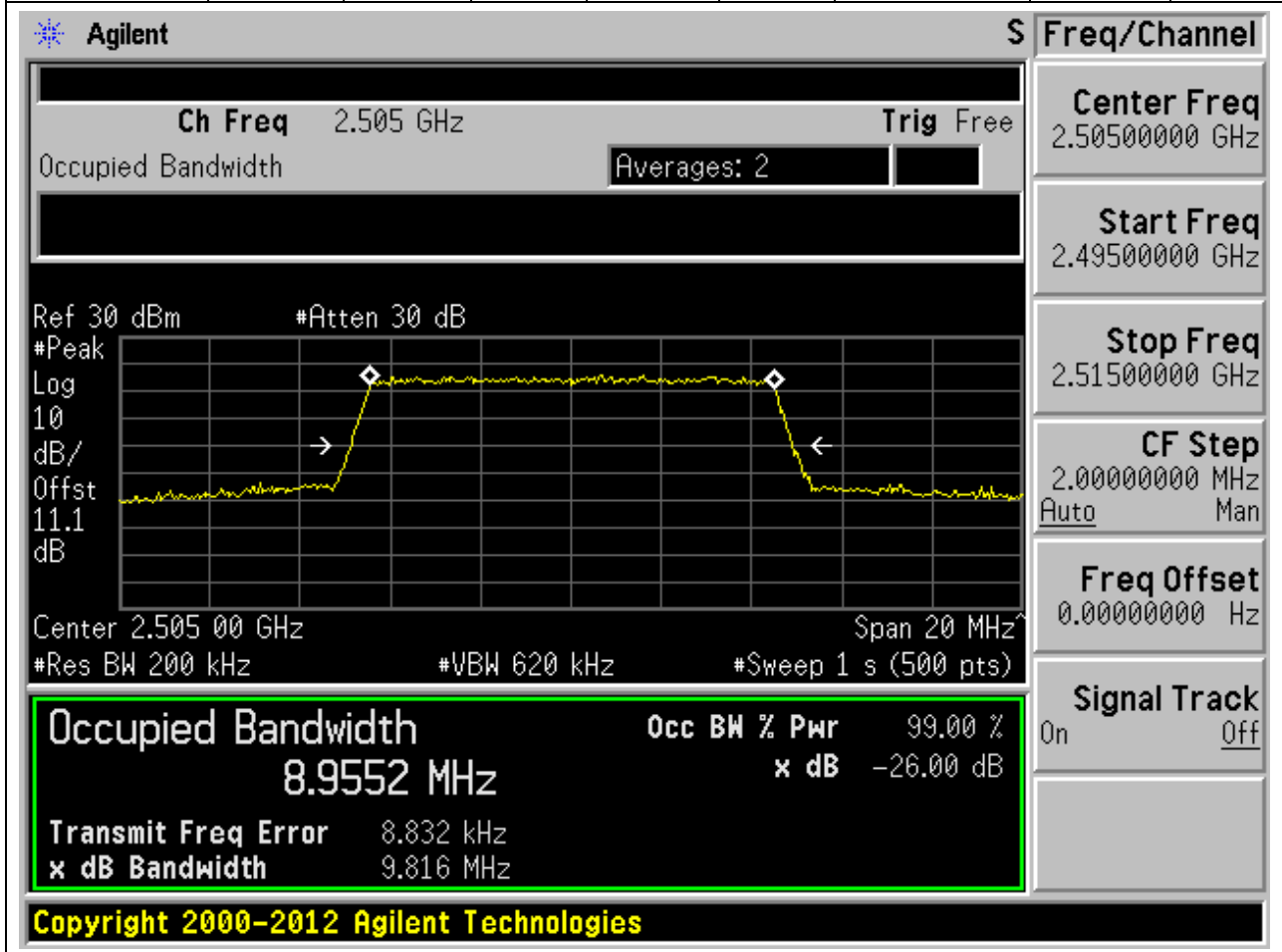
**11.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.962	9.851	10	Pass



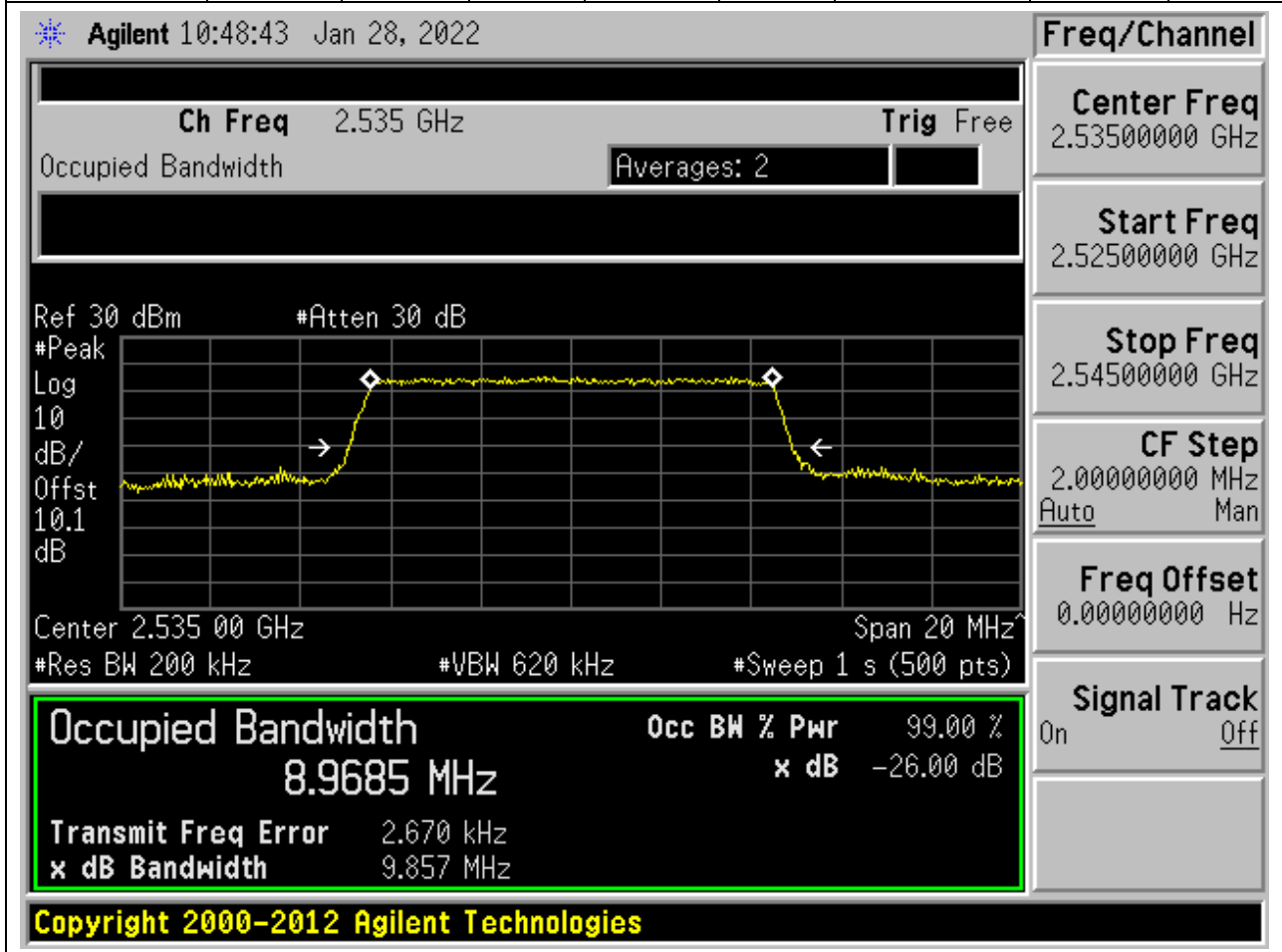
**11.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.955	9.816	10	Pass



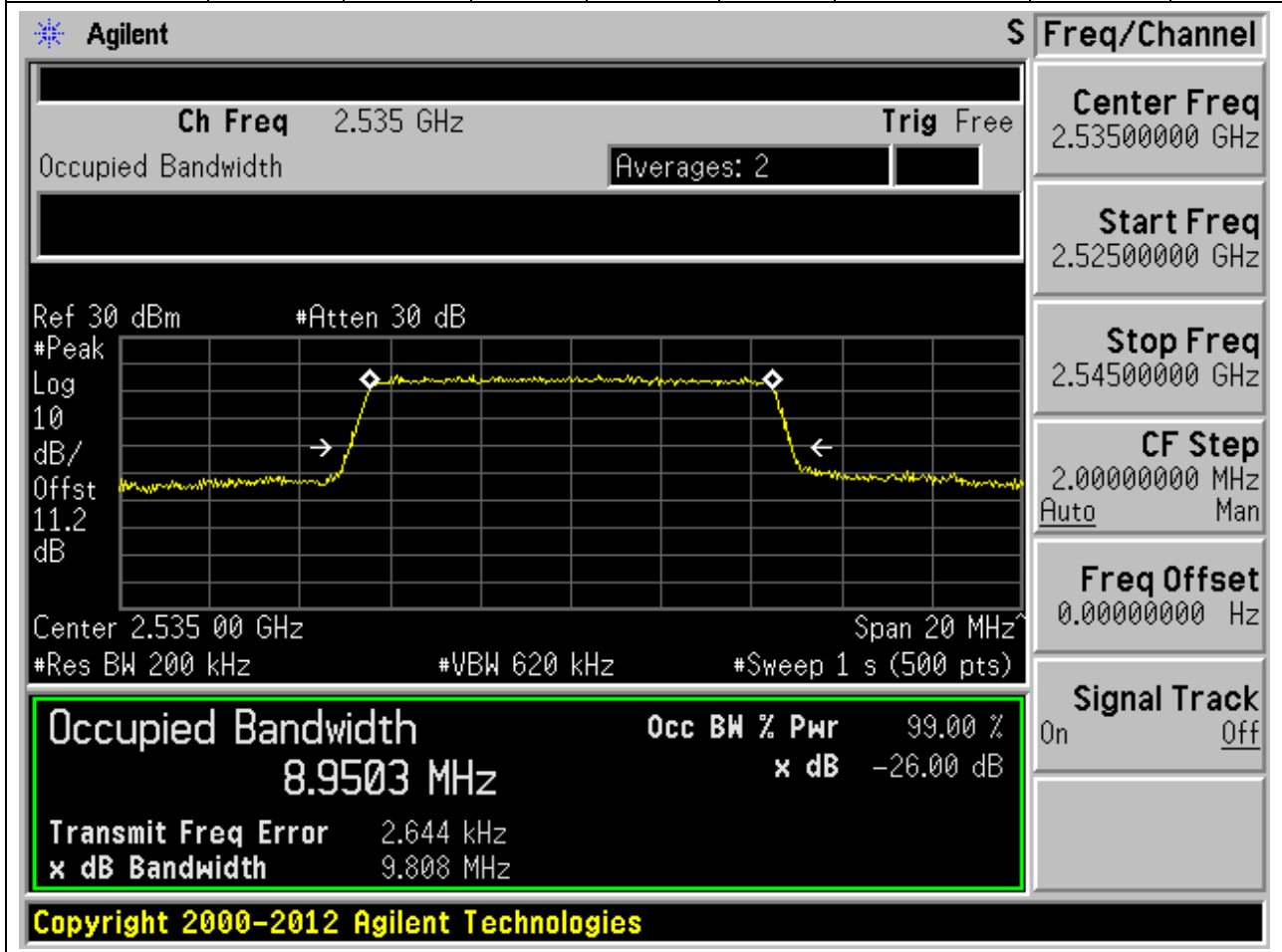
**11.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.968	9.857	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	8.95	9.808	10	Pass





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	8.96	9.815	10	Pass

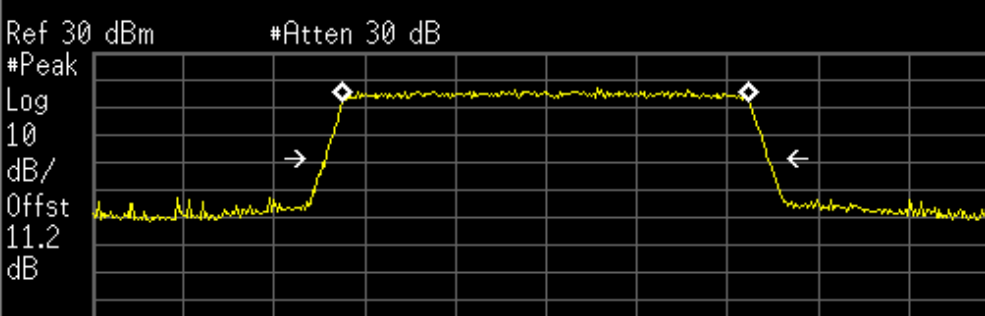
Agilent
S

**Ch Freq** 2.565 GHz

Occupied Bandwidth

Averages: 2

**Trig** Free



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 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** 8.9604 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

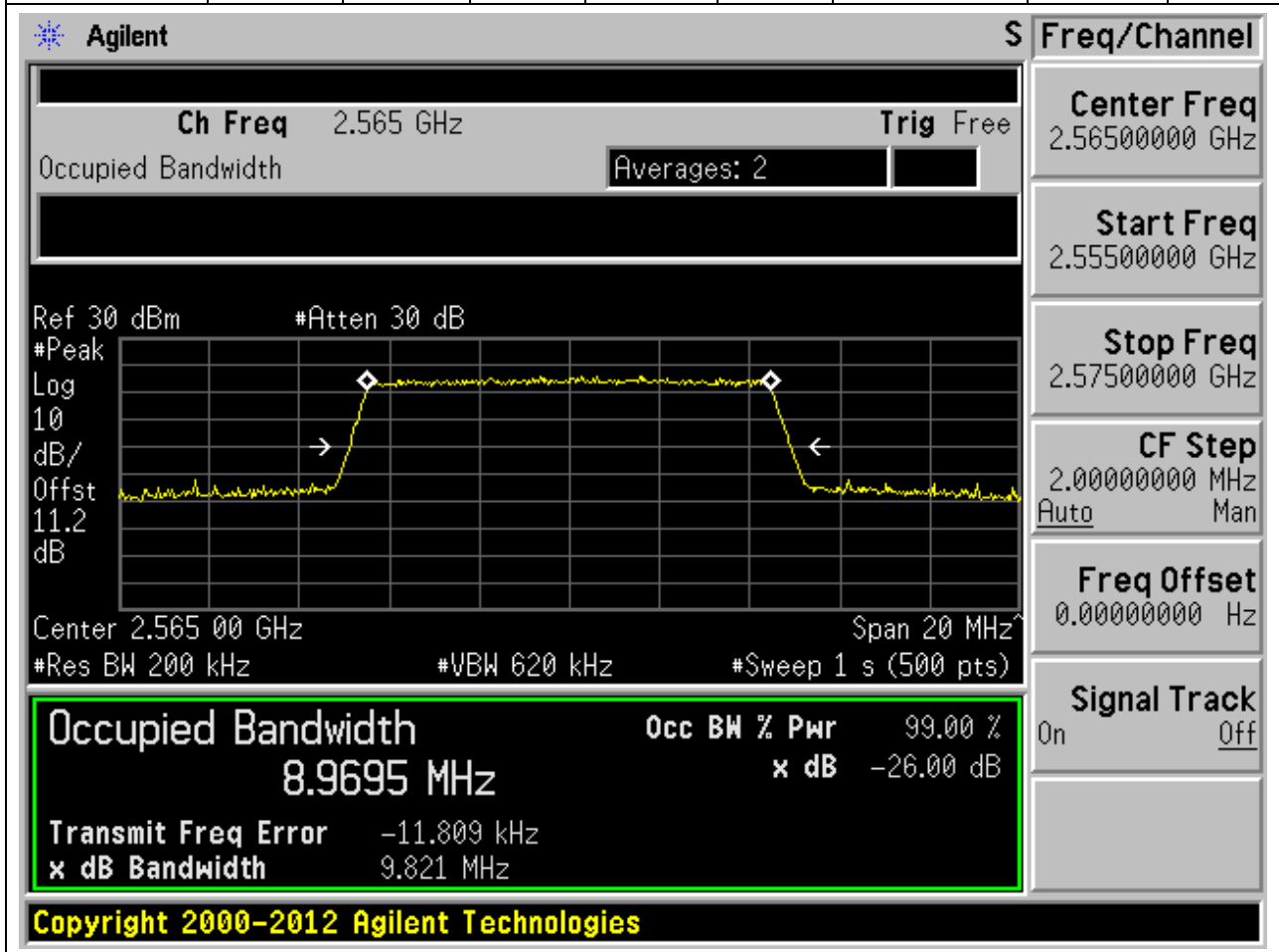
**Transmit Freq Error** -7.420 kHz

**x dB Bandwidth** 9.815 MHz

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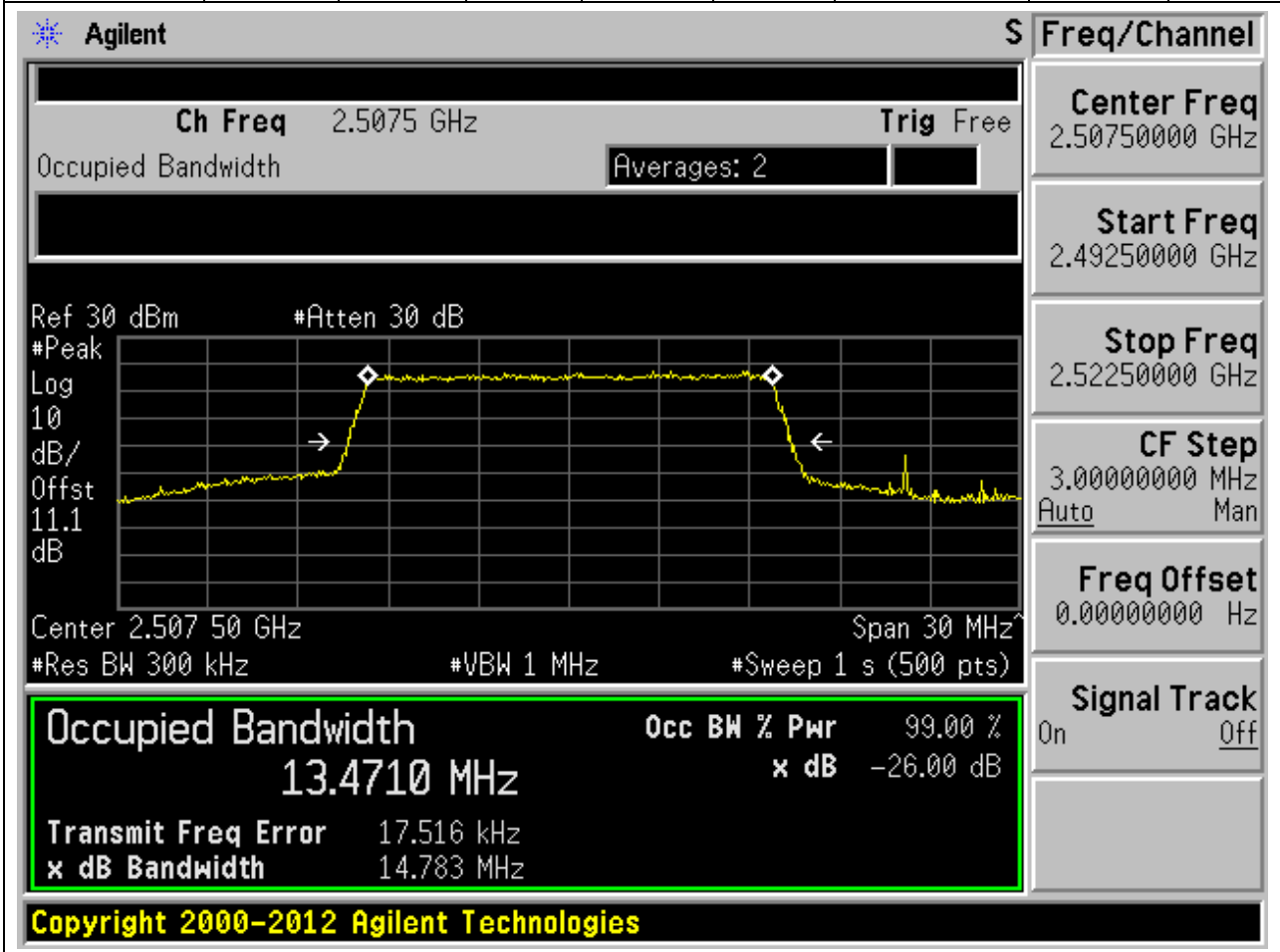
**11.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.97	9.821	10	Pass



**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	13.471	14.783	15	Pass

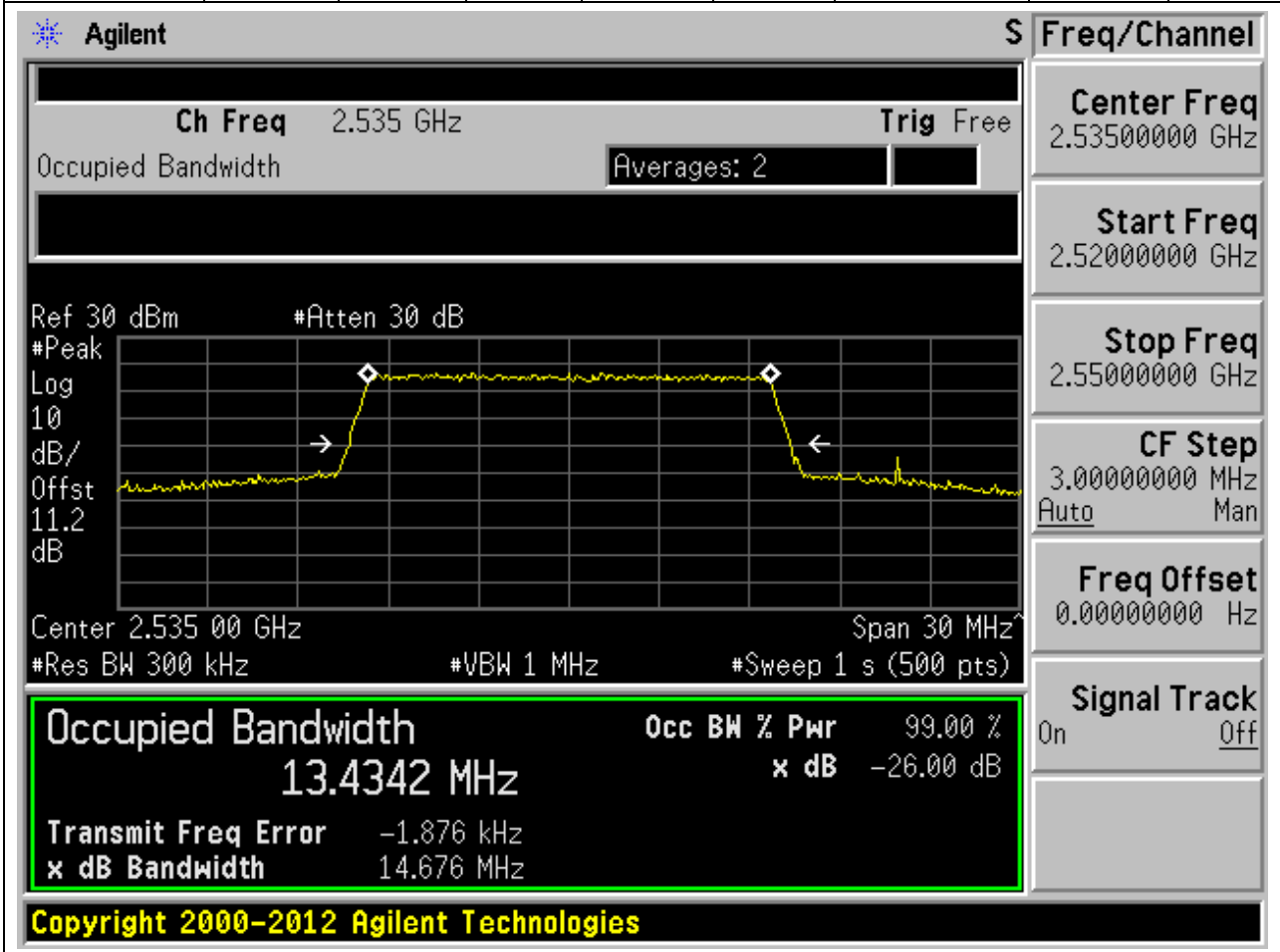


11.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



**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	13.434	14.676	15	Pass



**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	13.445	14.738	15	Pass

Agilent
S Freq/Channel

Ch Freq 2.535 GHz
Trig Free

Occupied Bandwidth
Averages: 2

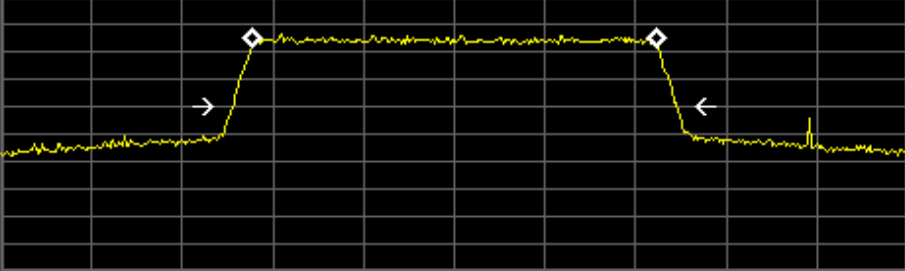
Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.2

dB



Center 2.535 00 GHz
Span 30 MHz

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

**Occupied Bandwidth**

**13.4446 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.943 kHz

x dB Bandwidth 14.738 MHz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.449	14.811	15	Pass

**Agilent** S

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

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

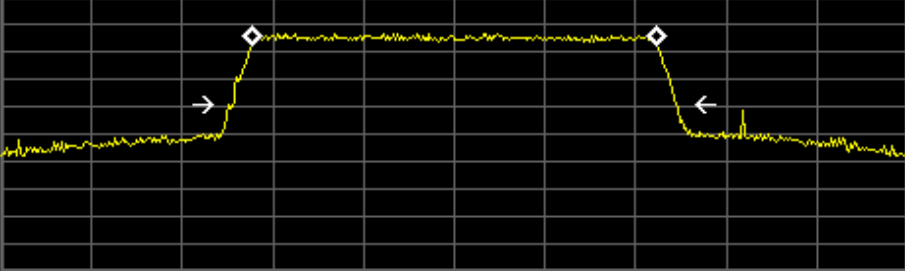
10

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)

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4489 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-7.505 kHz	
<b>x dB Bandwidth</b>	14.811 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

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

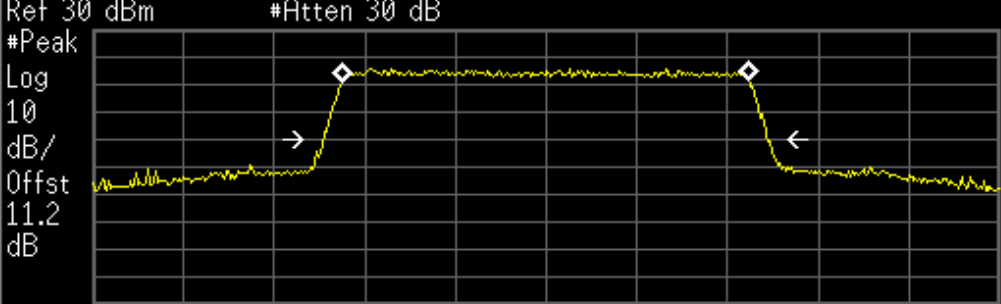
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.472	14.732	15	Pass

 Agilent
S 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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4721 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-21.205 kHz	
<b>x dB Bandwidth</b>	14.732 MHz	

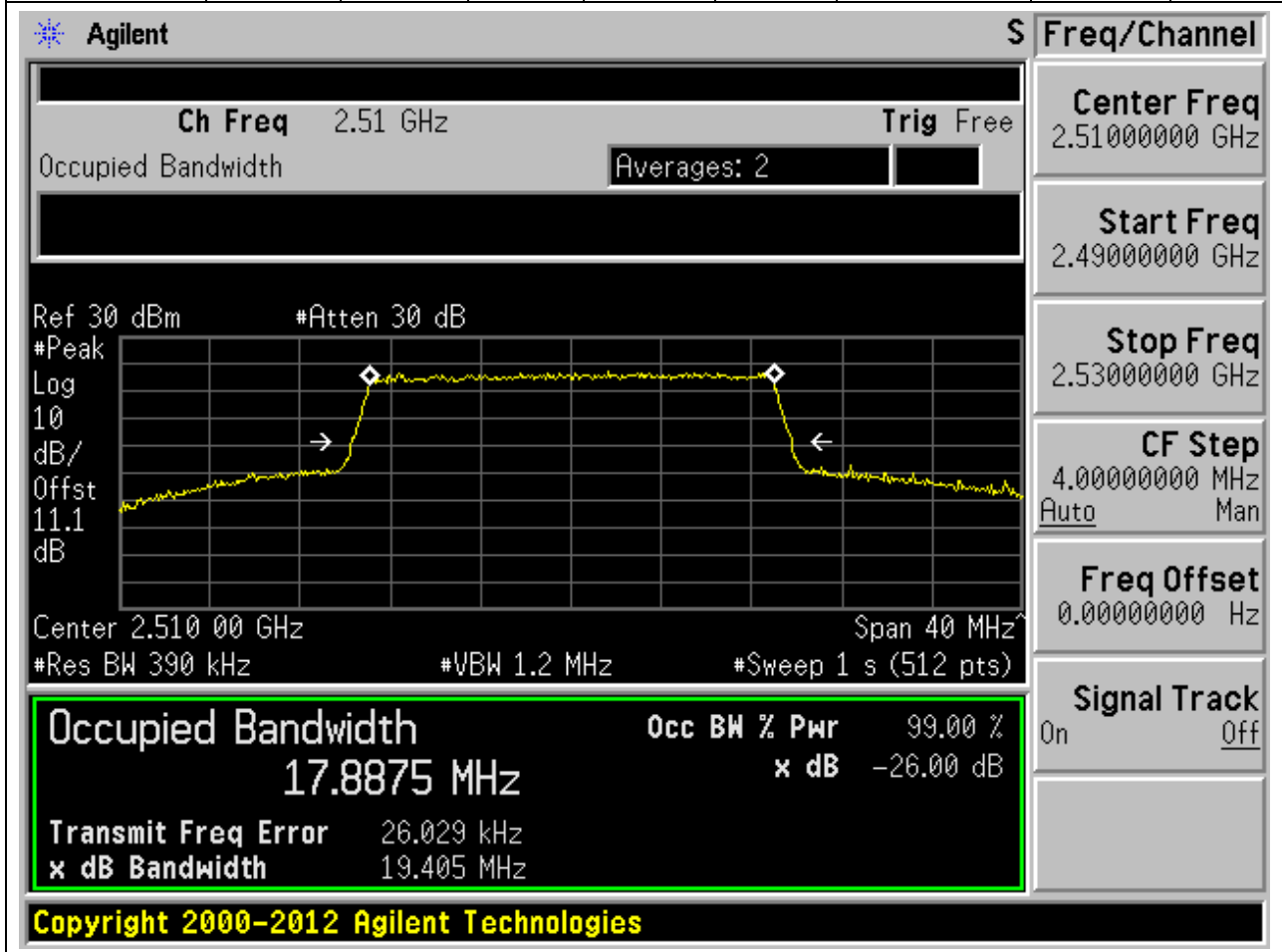
<b>Signal Track</b>	On <u>Off</u>
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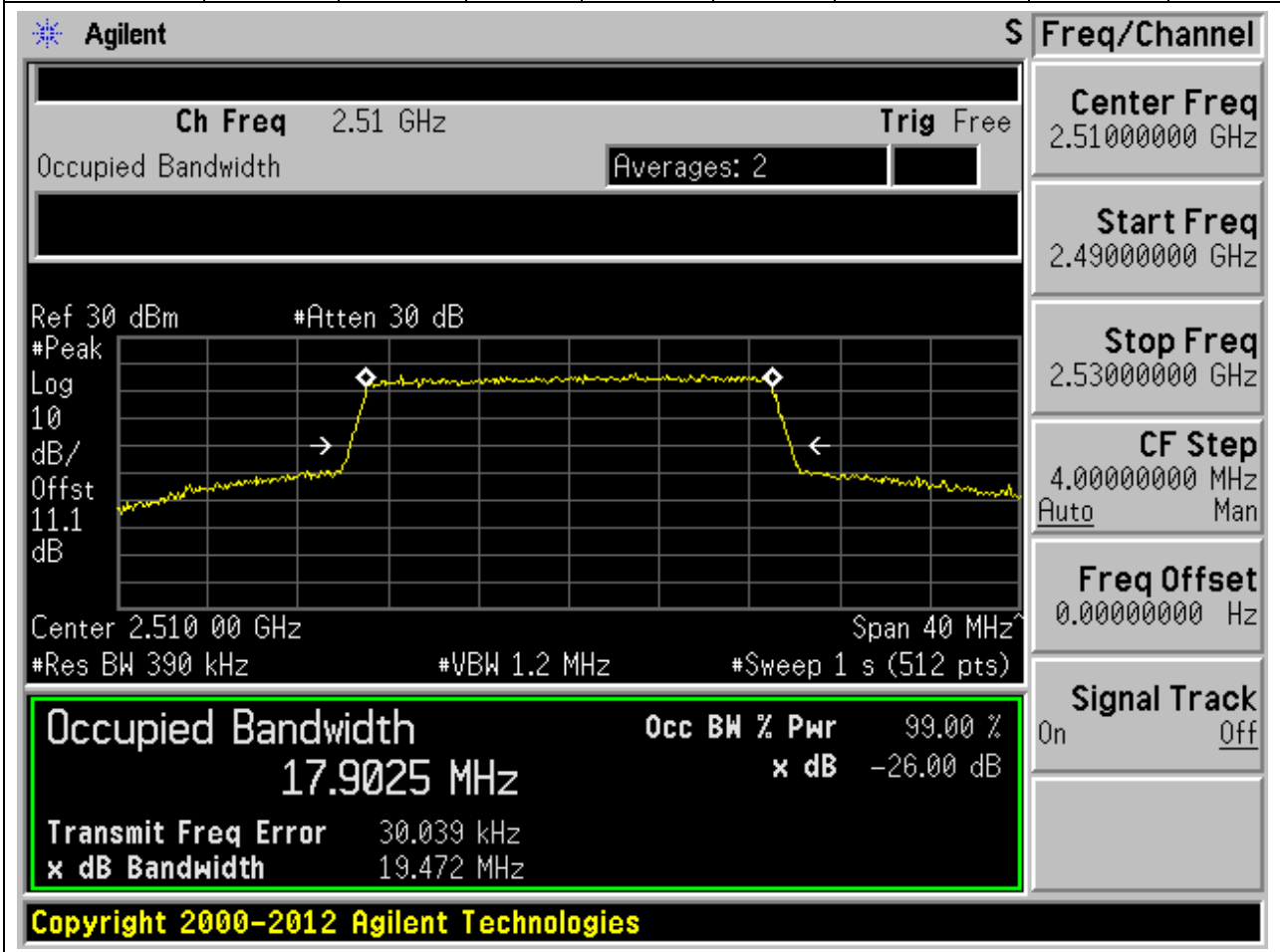
**11.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2510	99	26	0.39	Peak	17.887	19.405	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	17.902	19.472	20	Pass



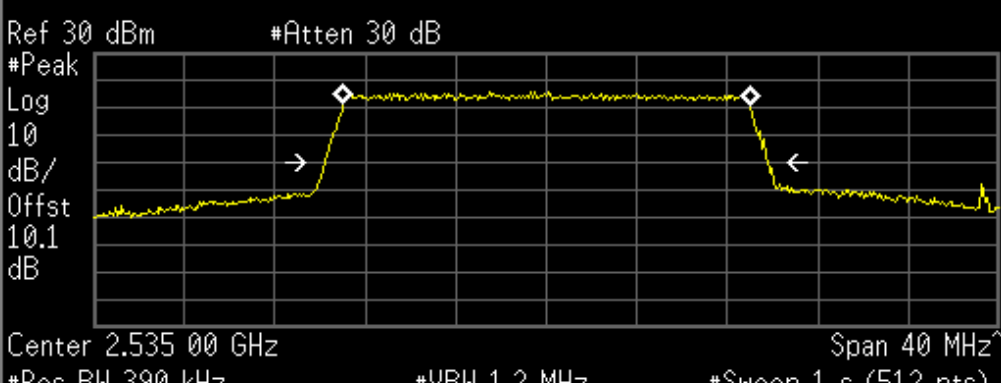
**11.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.935	19.645	20	Pass

Agilent 11:12:13 Jan 28, 2022

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 2.535 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.9353 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-6.699 kHz	
<b>x dB Bandwidth</b>	19.645 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.51500000 GHz

**Stop Freq**  
2.55500000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

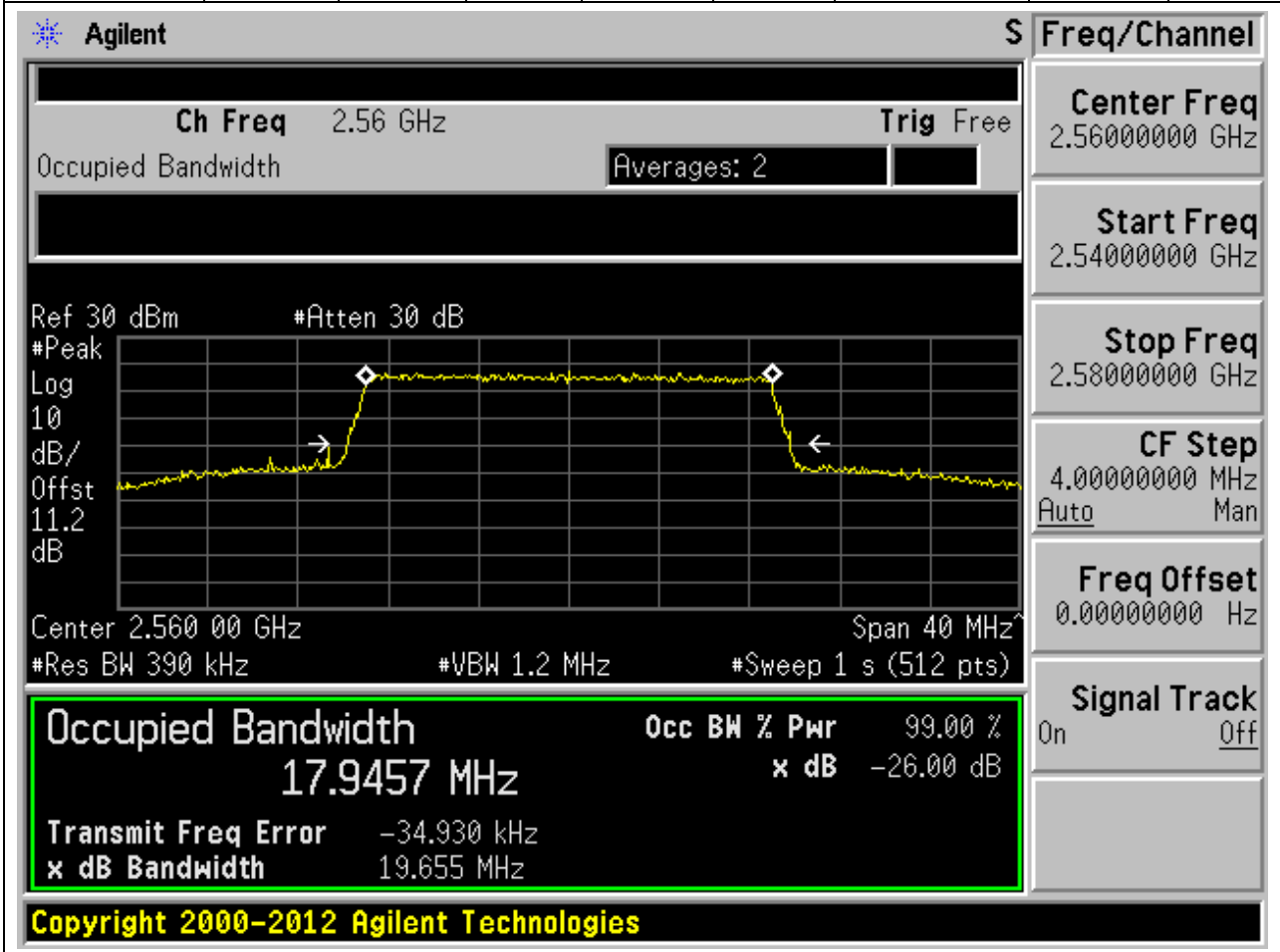
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



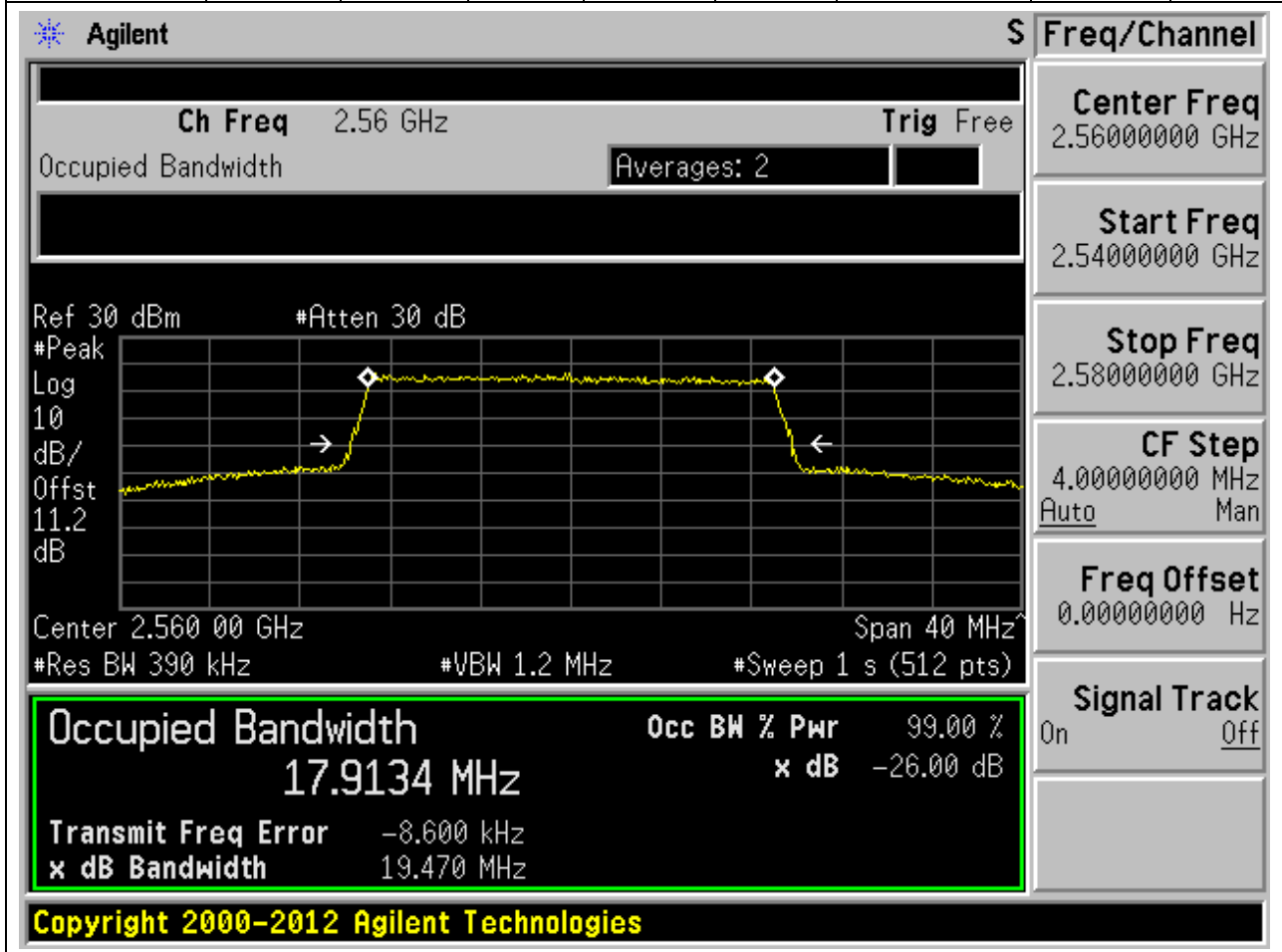
**11.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.946	19.655	20	Pass



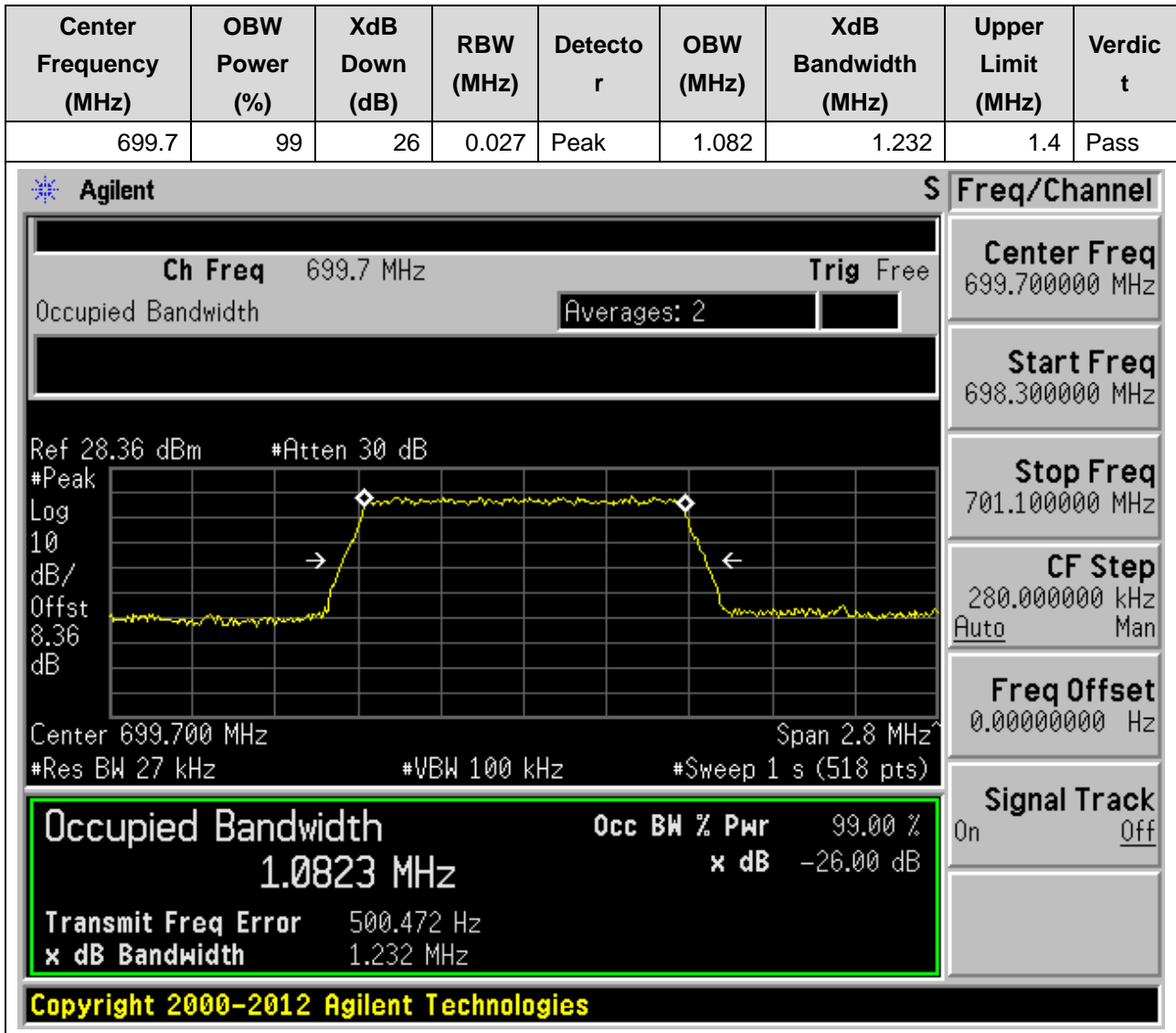
11.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.913	19.47	20	Pass



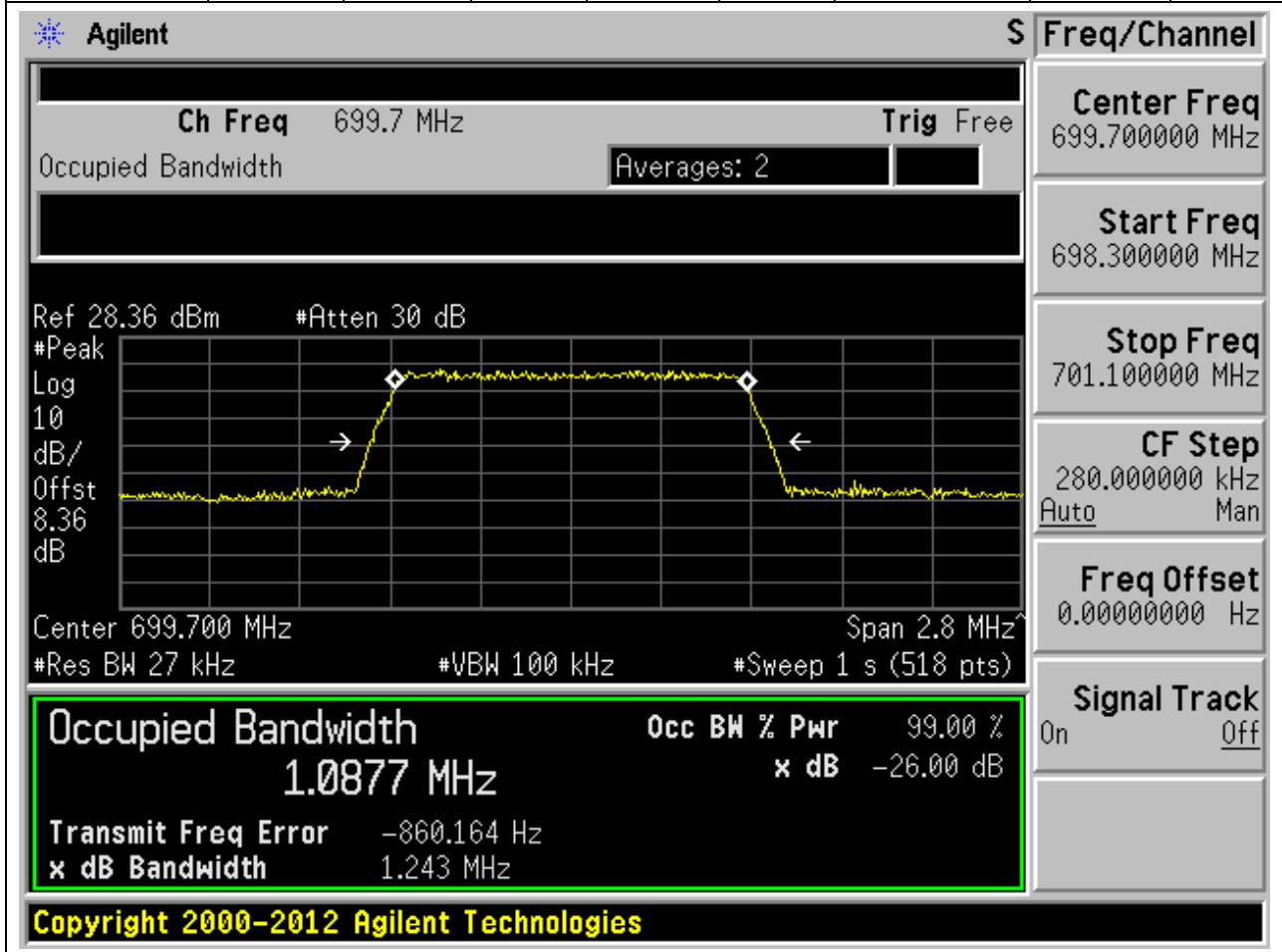
## 12. LTE\_Band12

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)**

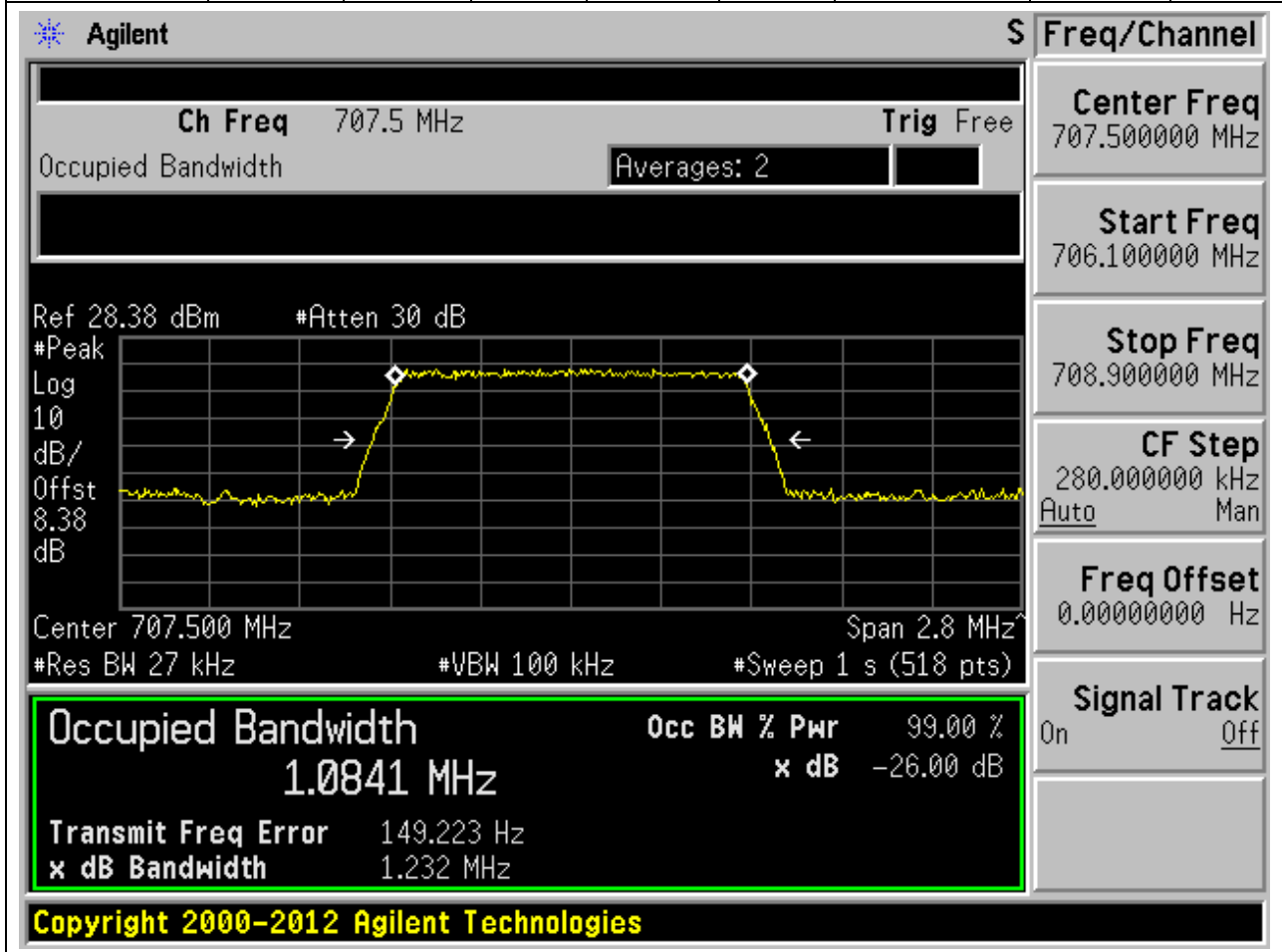
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
699.7	99	26	0.027	Peak	1.088	1.243	1.4	Pass





**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	1.084	1.232	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	1.221	1.4	Pass

**Agilent** S

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**Ch Freq** 707.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

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Ref 28.38 dBm #Atten 30 dB

#Peak

Log

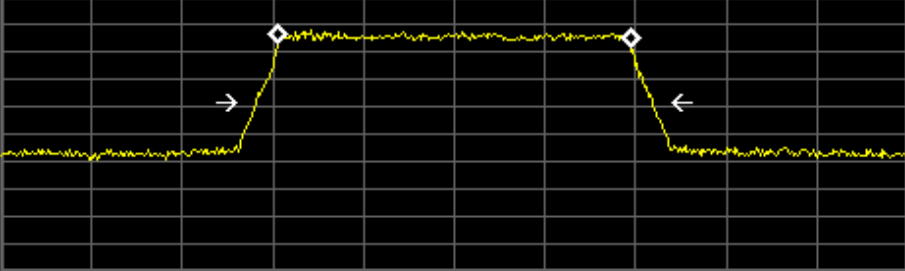
10

dB/

Offst

8.38

dB



Center 707.500 MHz Span 2.8 MHz

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

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0843 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	56.595 Hz	
<b>x dB Bandwidth</b>	1.221 MHz	

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**Freq/Channel**

**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

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

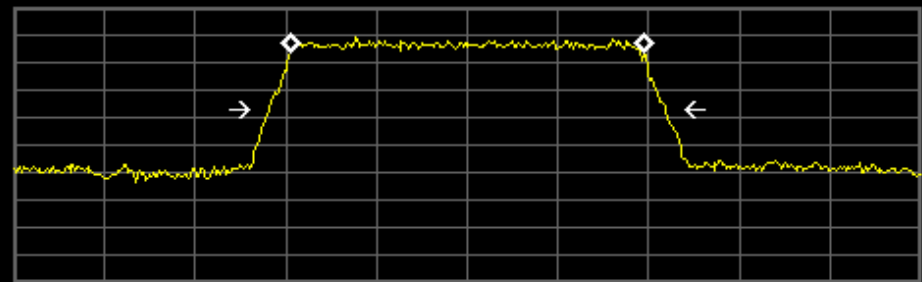
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.09	1.222	1.4	Pass

 Agilent
S Freq/Channel

Ch Freq 715.3 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.38 dBm #Atten 30 dB



Center 715.300 MHz Span 2.8 MHz  
 #Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**1.0899 MHz** x dB -26.00 dB

Transmit Freq Error -1.200 kHz  
 x dB Bandwidth 1.222 MHz

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Center Freq 715.300000 MHz

Start Freq 713.900000 MHz

Stop Freq 716.700000 MHz

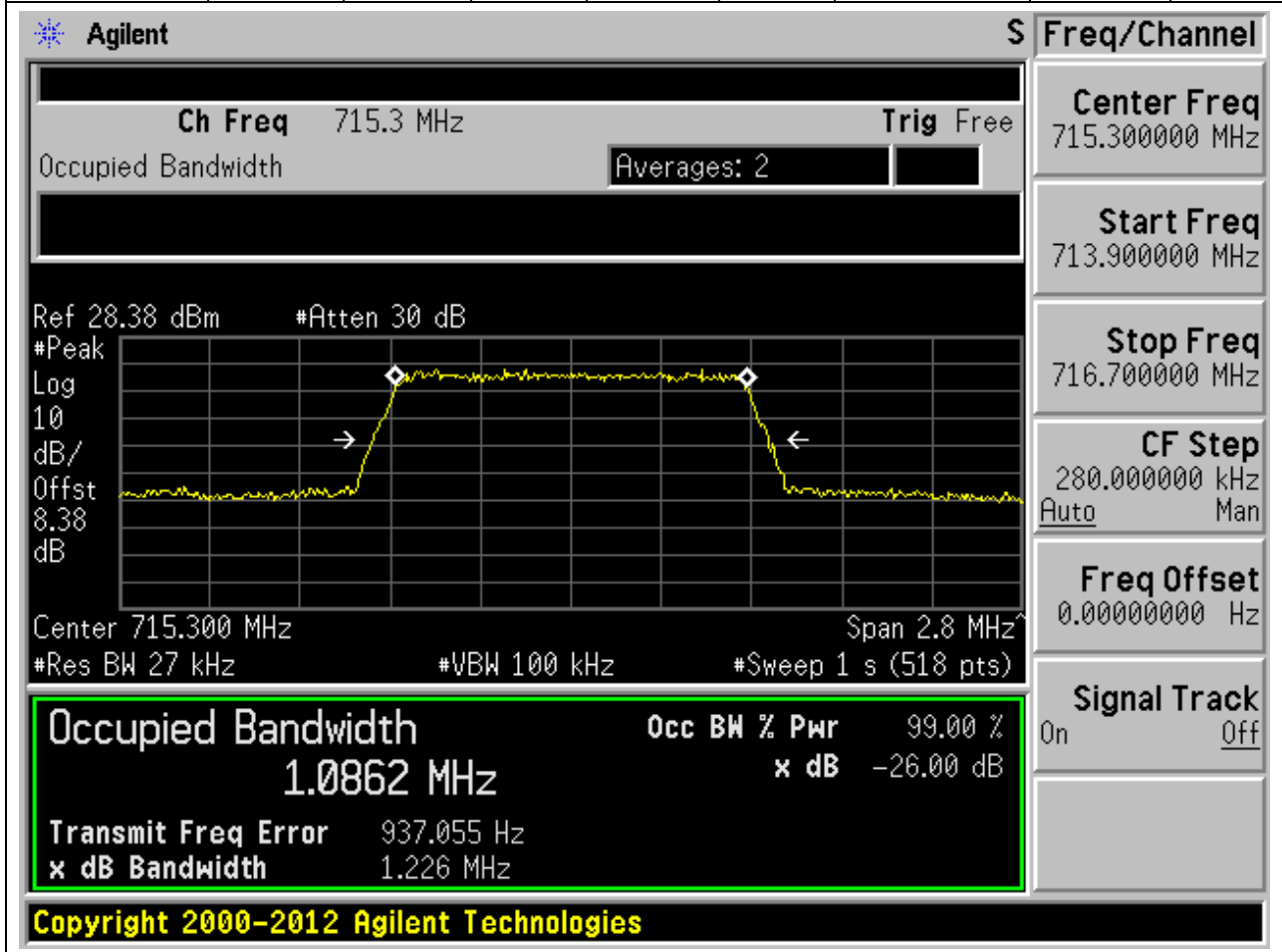
CF Step 280.000000 kHz  
 Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

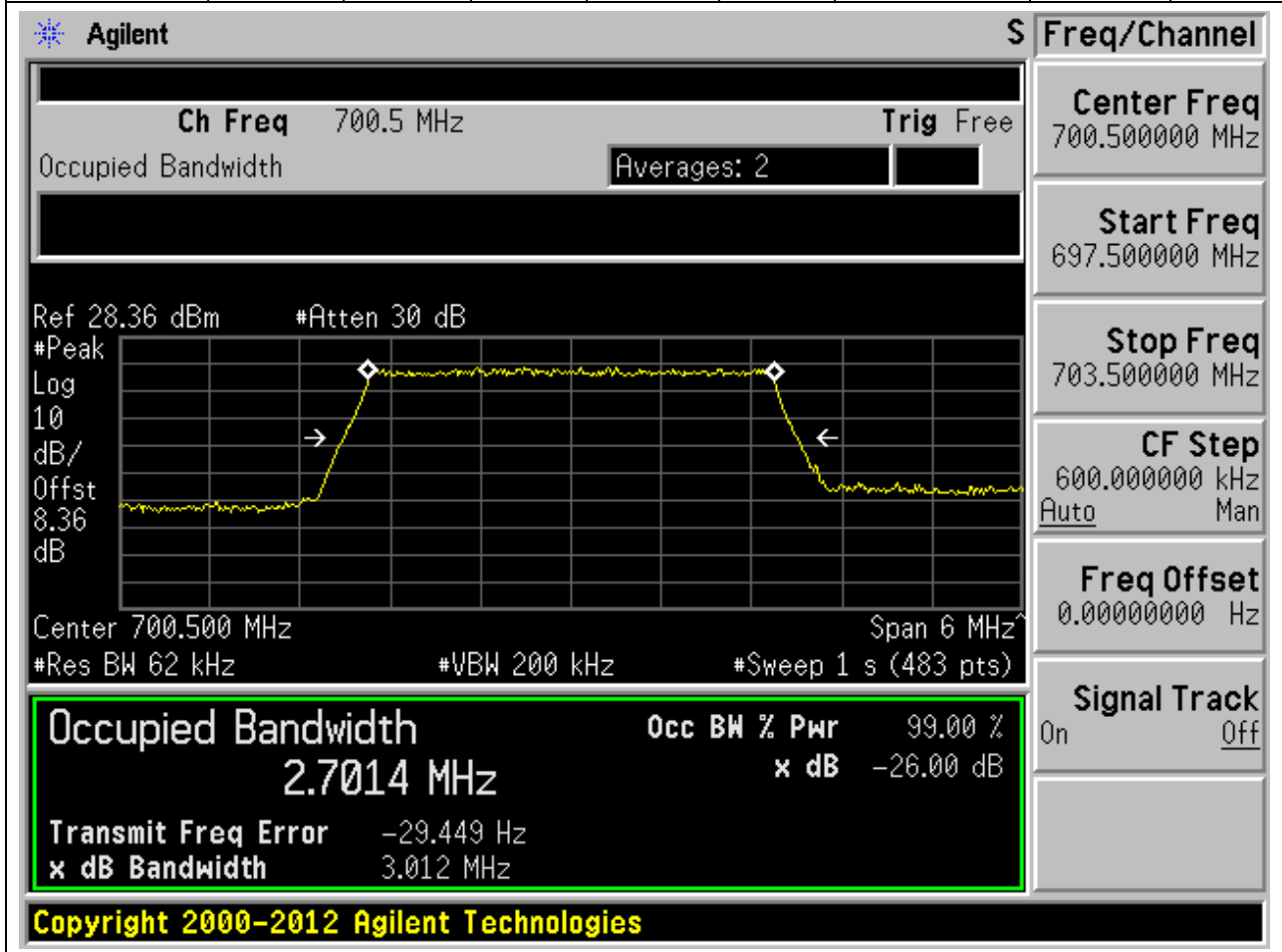
12.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23173, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

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	1.086	1.226	1.4	Pass



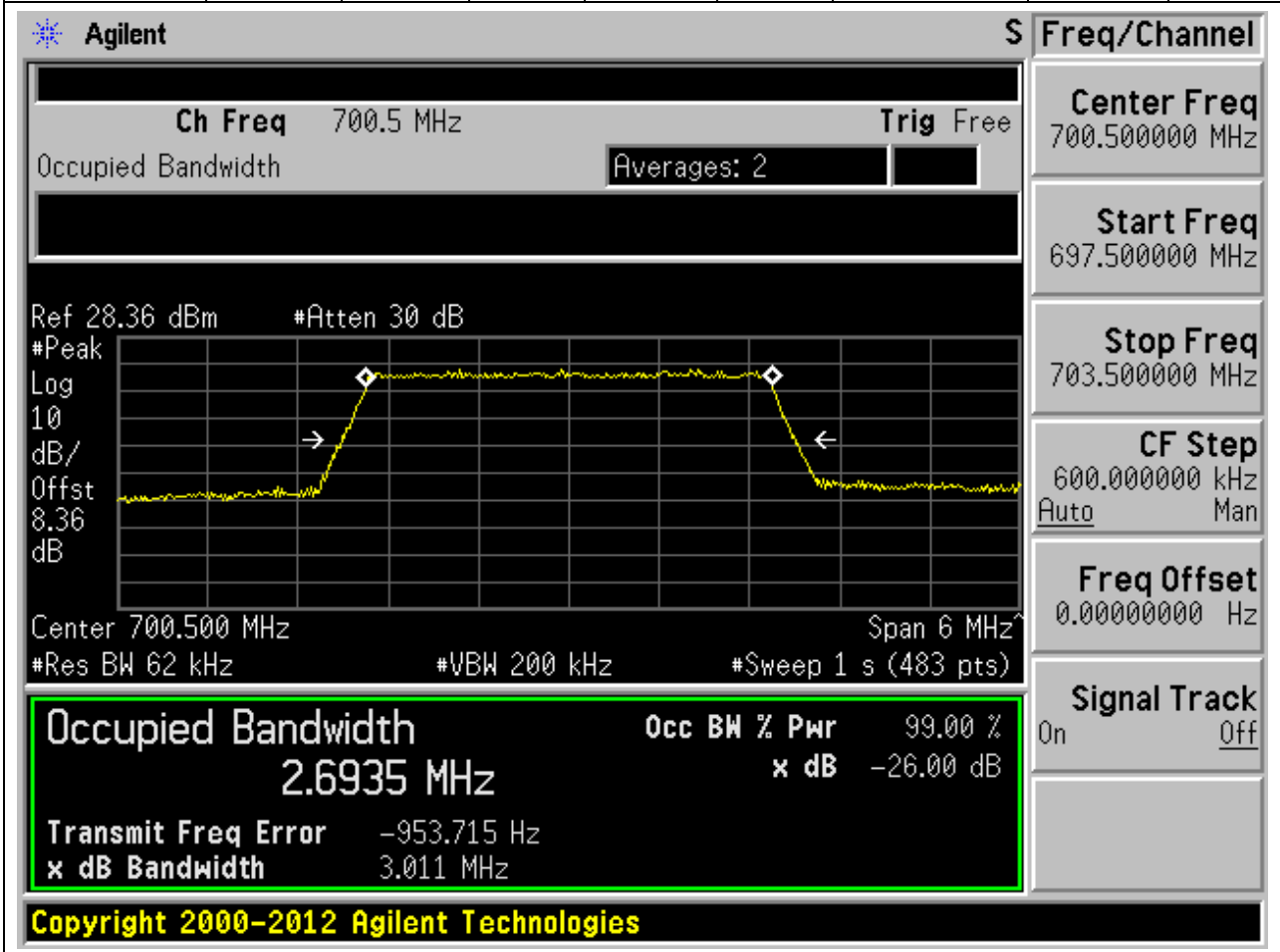
12.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
700.5	99	26	0.062	Peak	2.701	3.012	3	Pass



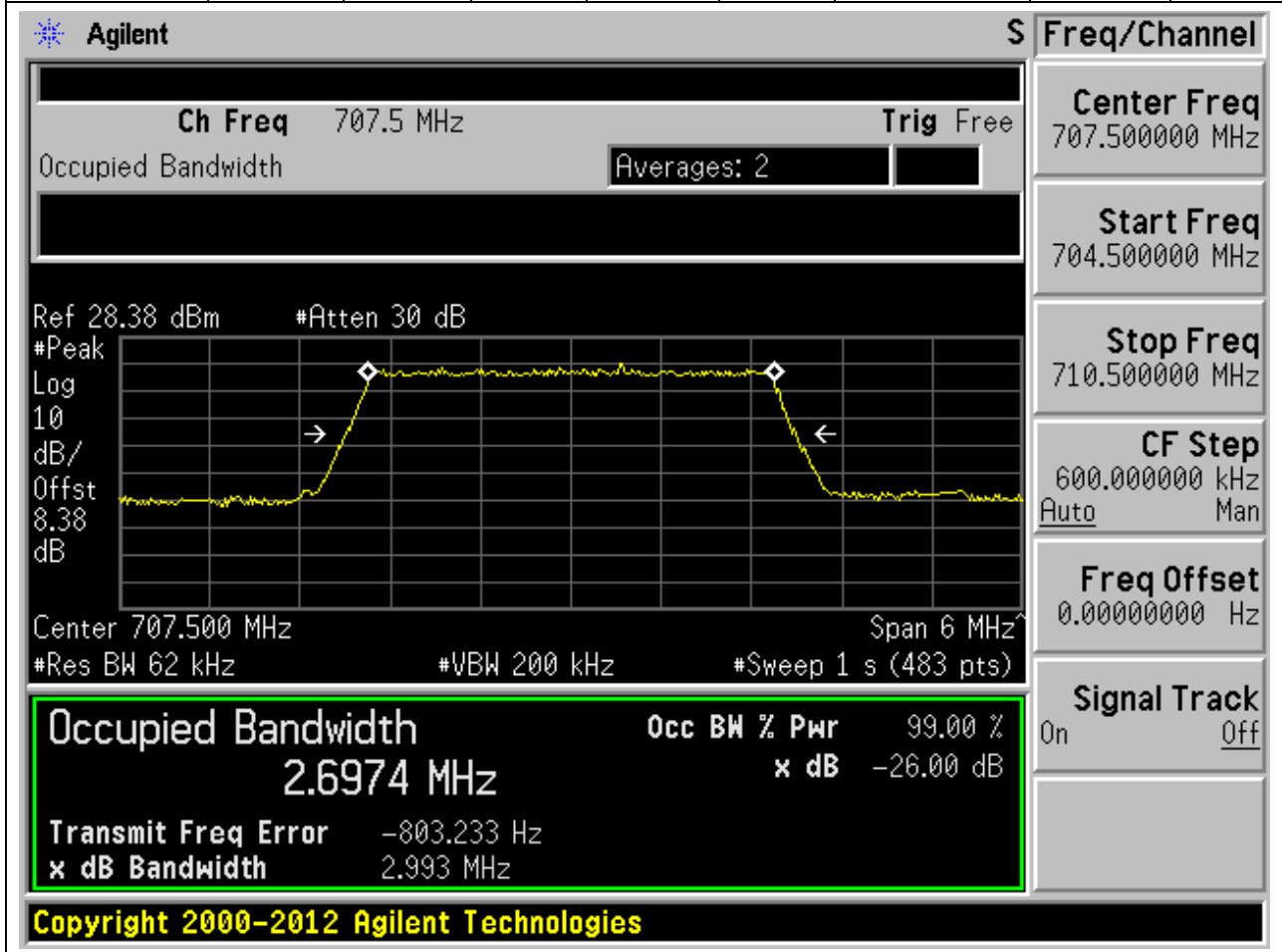
12.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23025, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
700.5	99	26	0.062	Peak	2.694	3.011	3	Pass



**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	2.697	2.993	3	Pass



**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	2.698	3.014	3	Pass

**Agilent**
S

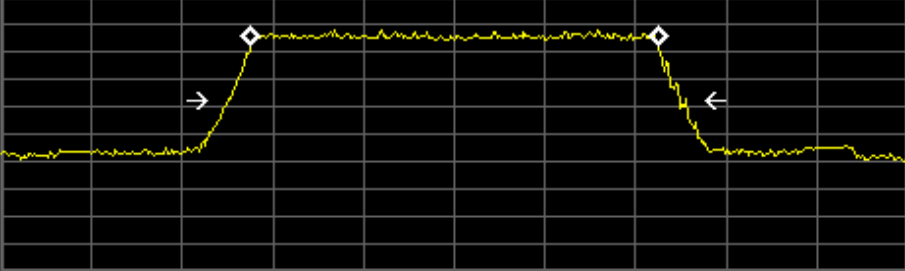
**Ch Freq** 707.5 MHz

Occupied Bandwidth

**Trig** Free

Averages: 2

Ref 28.38 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** 2.6985 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -1.590 kHz

**x dB Bandwidth** 3.014 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



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

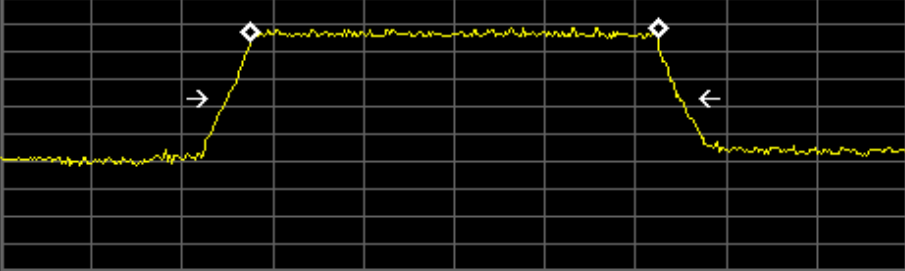
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.698	2.992	3	Pass

Agilent
S Freq/Channel

Ch Freq 714.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.38 dBm #Atten 30 dB



Center 714.500 MHz Span 6 MHz

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

Center Freq  
714.500000 MHz

Start Freq  
711.500000 MHz

Stop Freq  
717.500000 MHz

CF Step  
600.000000 kHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

**Occupied Bandwidth**

**2.6985 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.312 kHz

x dB Bandwidth 2.992 MHz

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

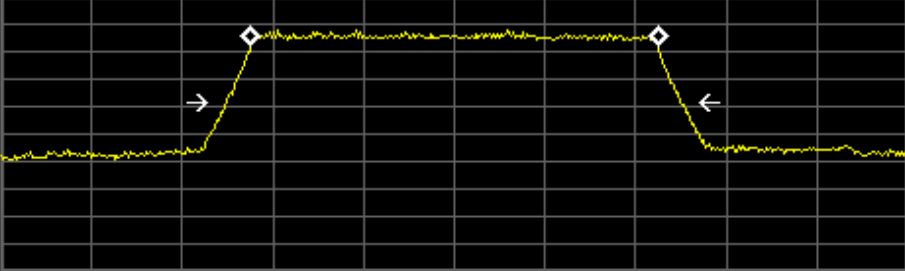
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.693	2.999	3	Pass

Agilent
S Freq/Channel

Ch Freq 714.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.38 dBm #Atten 30 dB



Center 714.500 MHz Span 6 MHz

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

Center Freq  
714.500000 MHz

Start Freq  
711.500000 MHz

Stop Freq  
717.500000 MHz

CF Step  
600.000000 kHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

**Occupied Bandwidth**

**2.6930 MHz**

Occ BW % Pwr 99.00 %

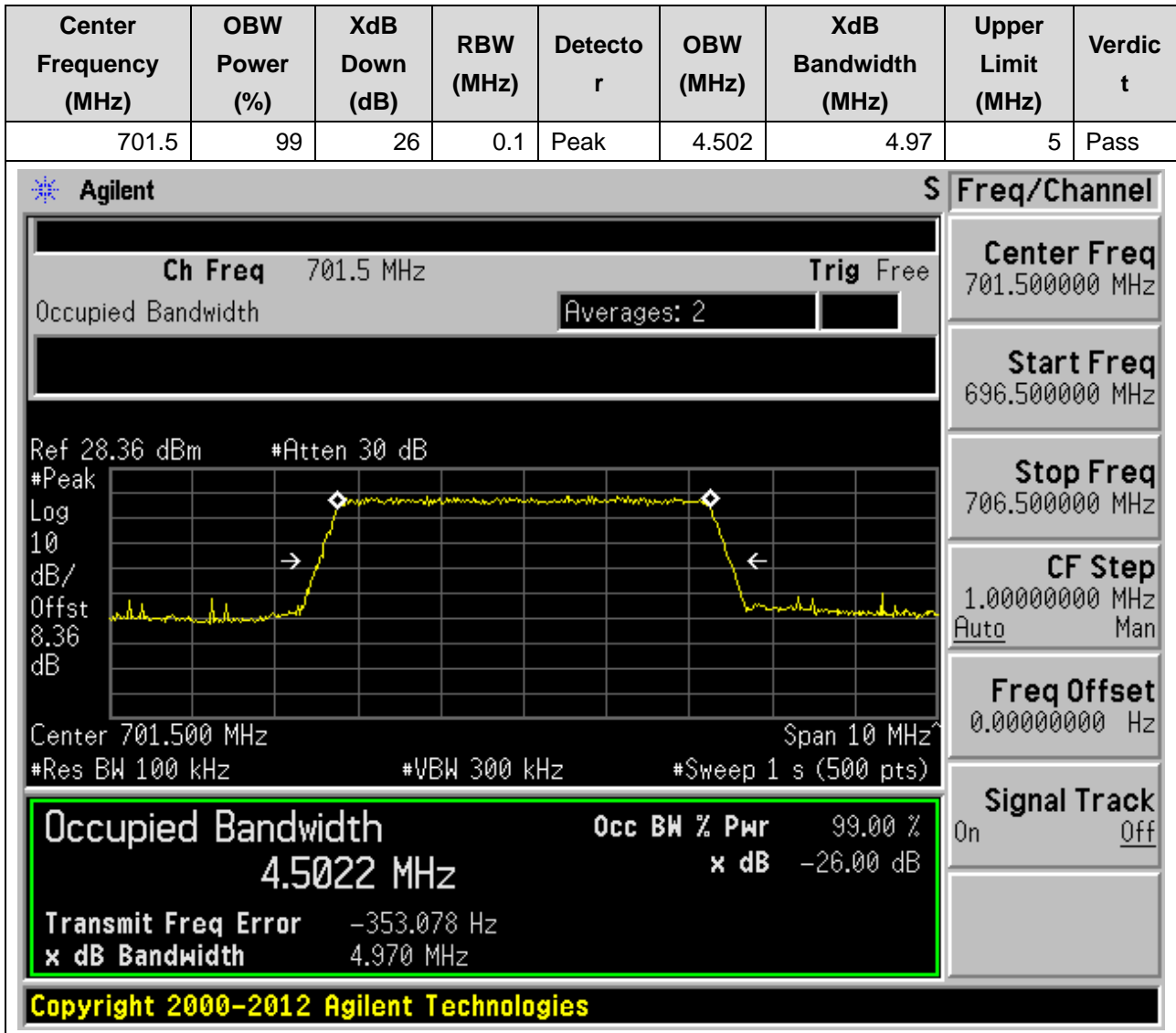
x dB -26.00 dB

Transmit Freq Error -3.941 kHz

x dB Bandwidth 2.999 MHz

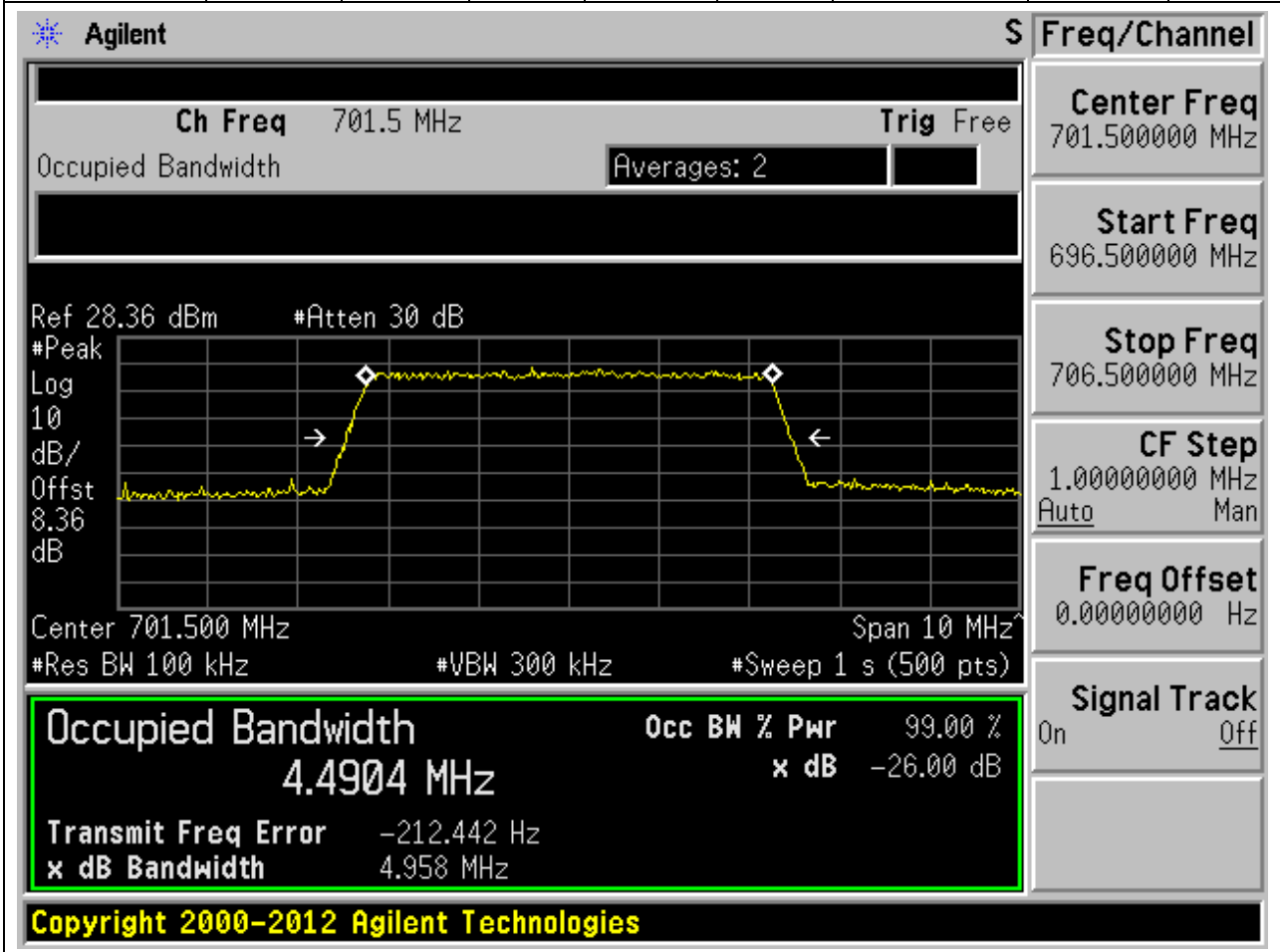
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**12.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:23035, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

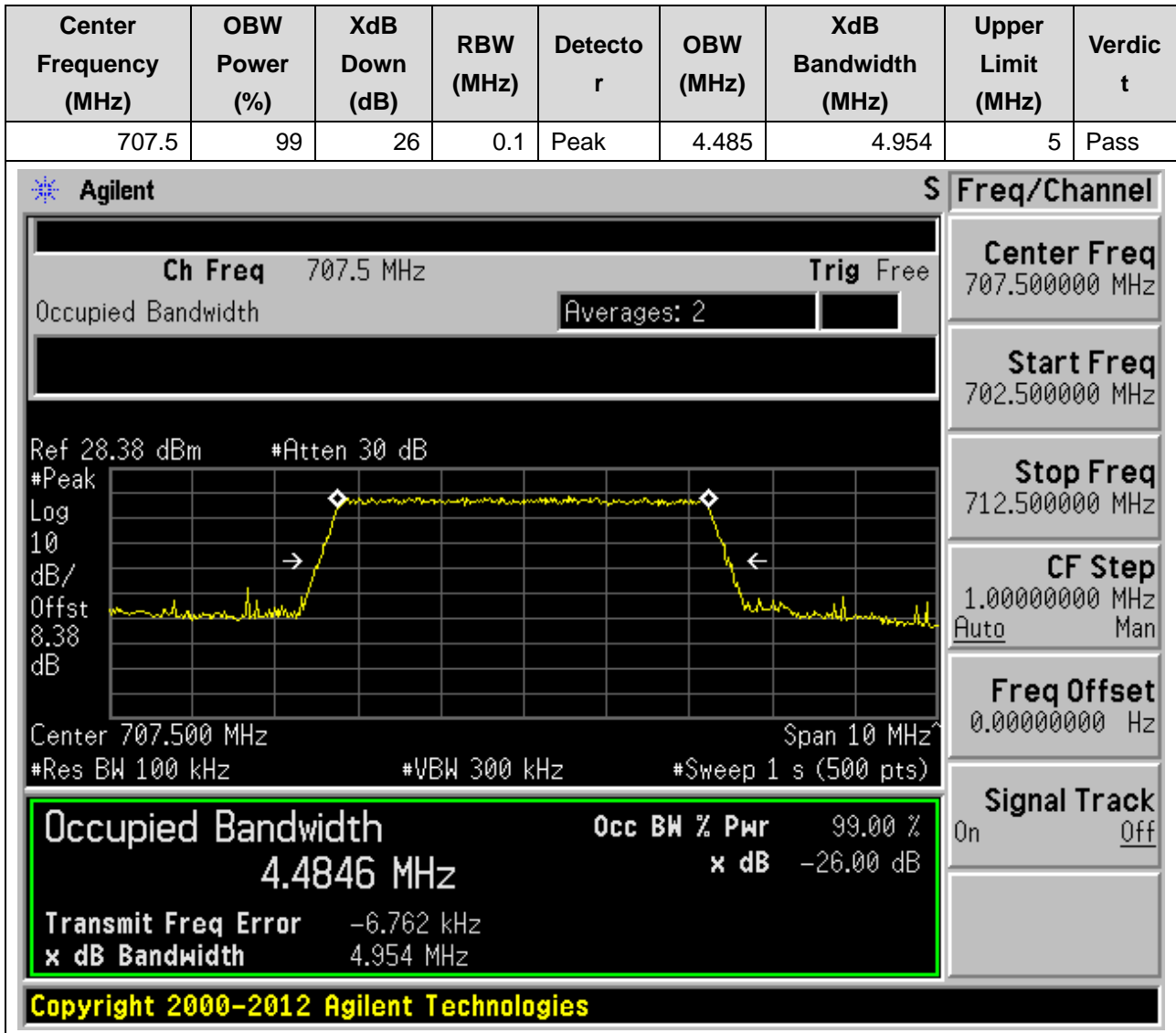


12.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:23035, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

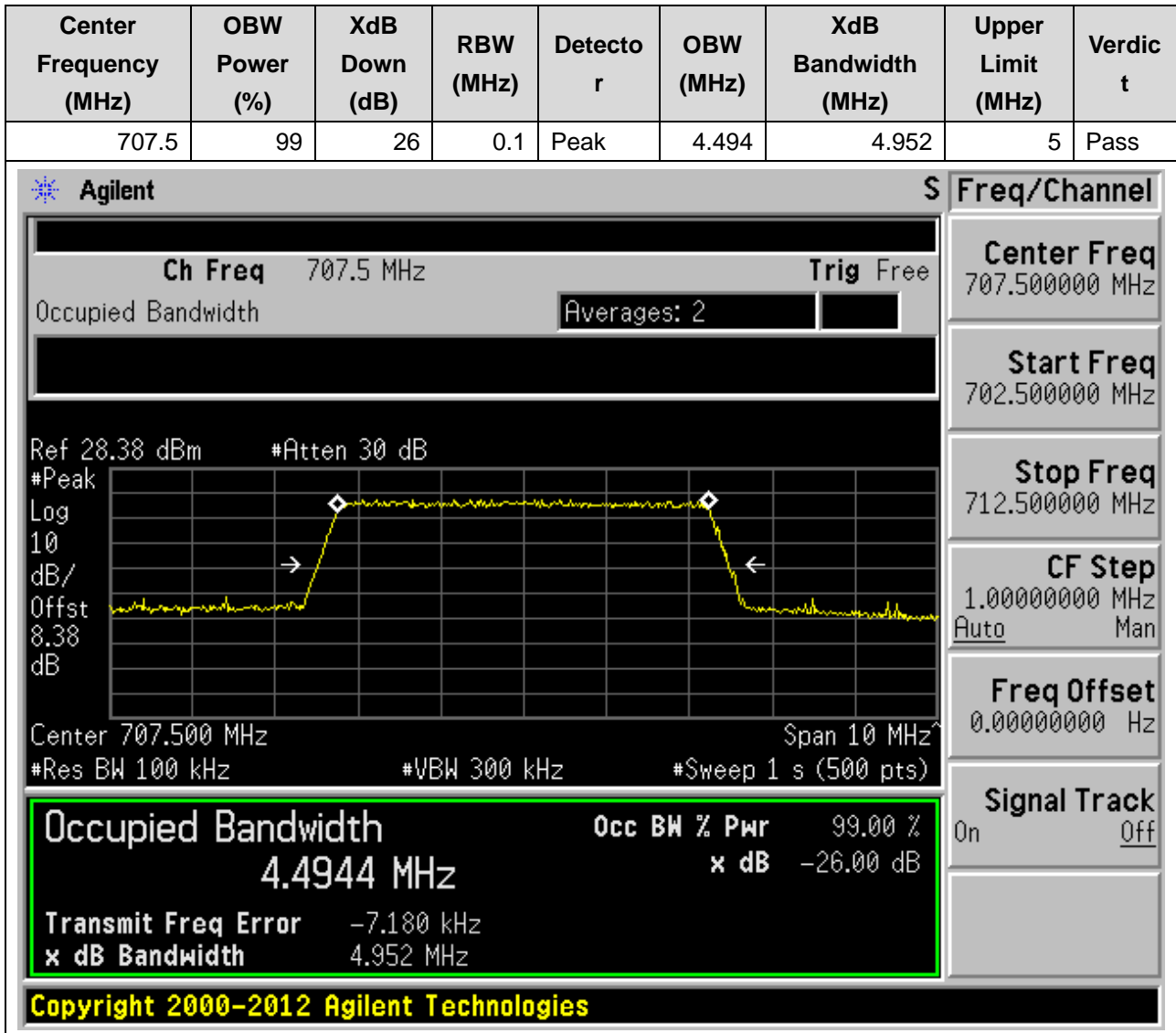
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
701.5	99	26	0.1	Peak	4.49	4.958	5	Pass



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

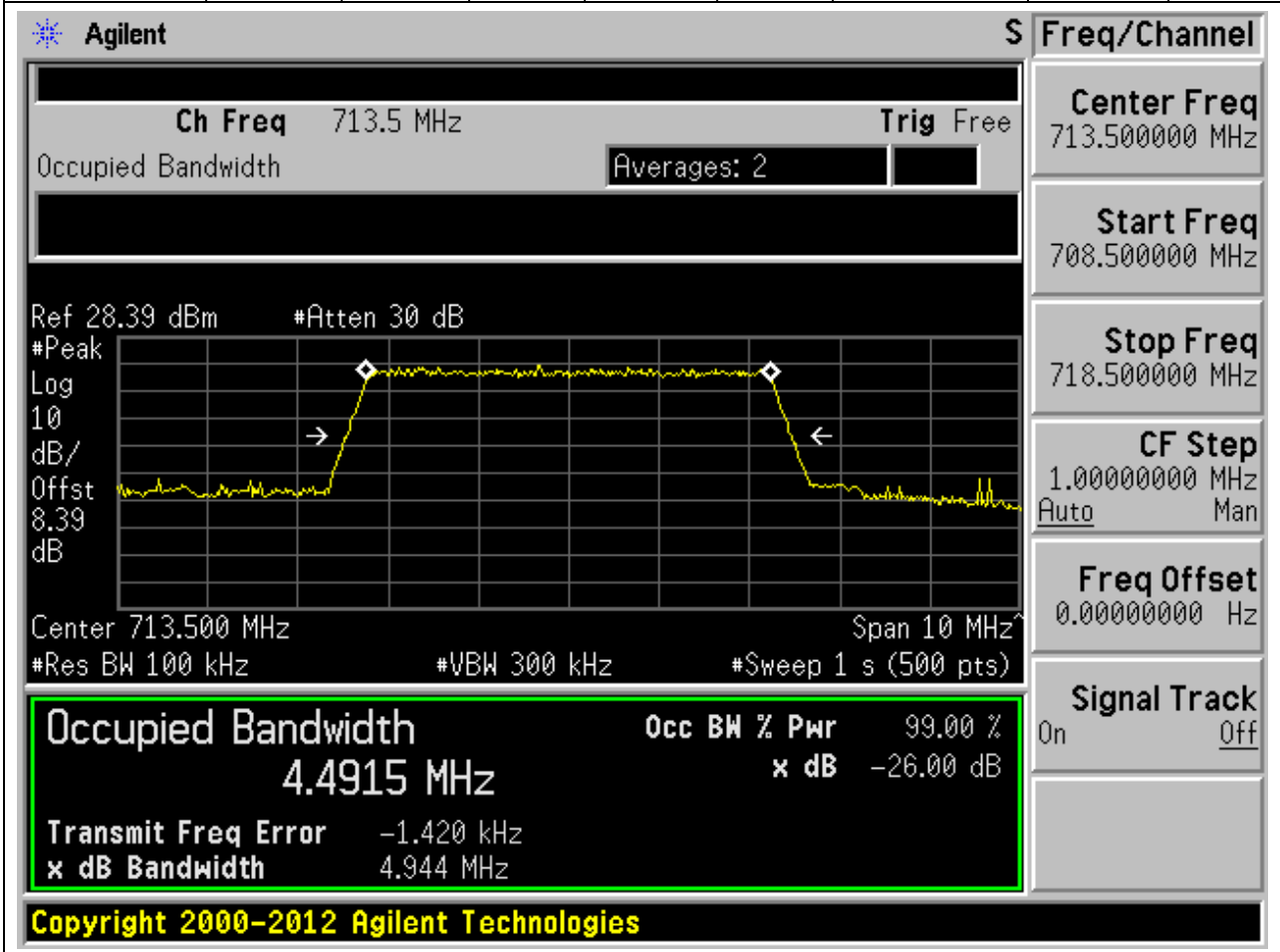


**12.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:23095, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

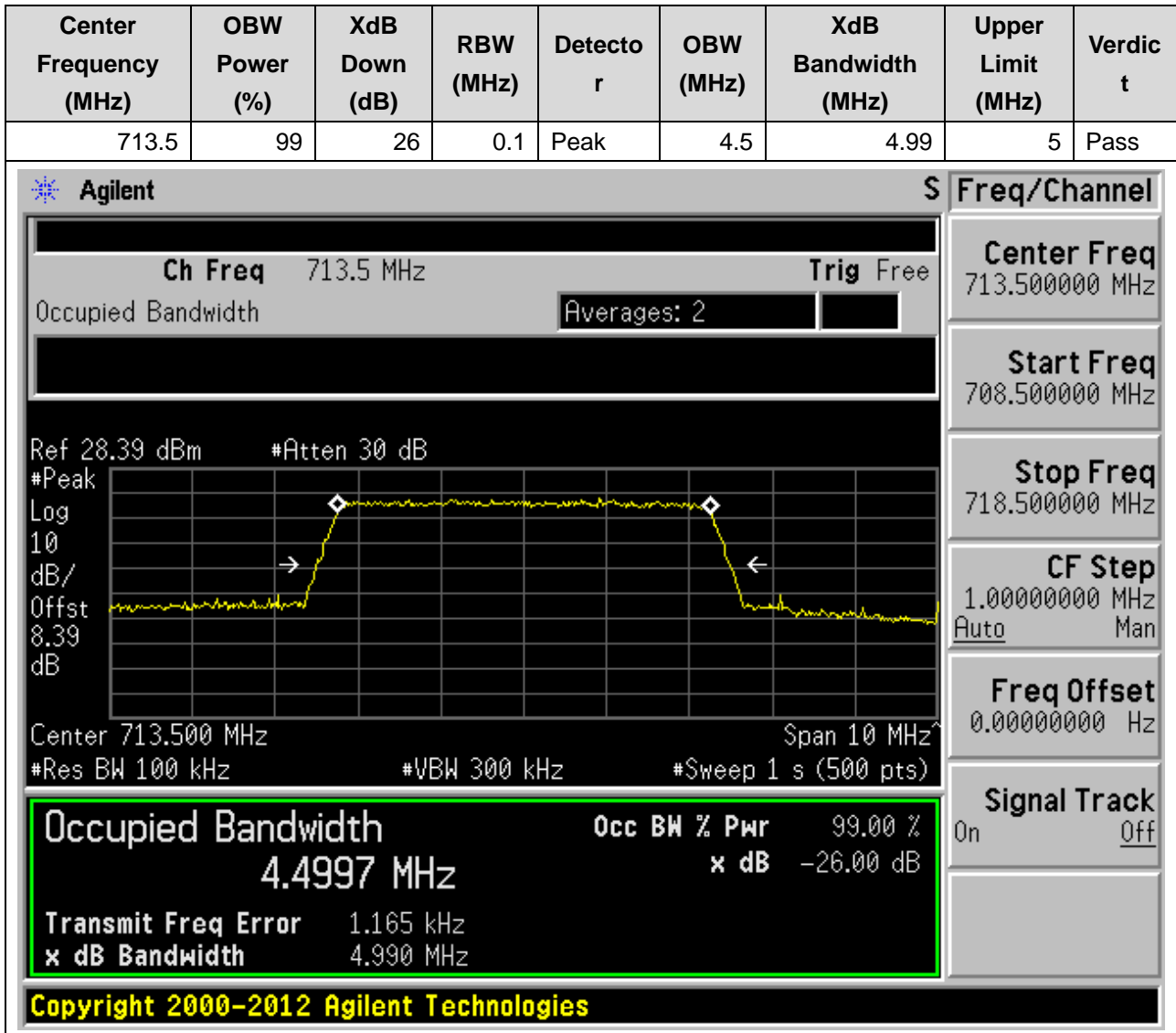


12.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:23155, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.491	4.944	5	Pass

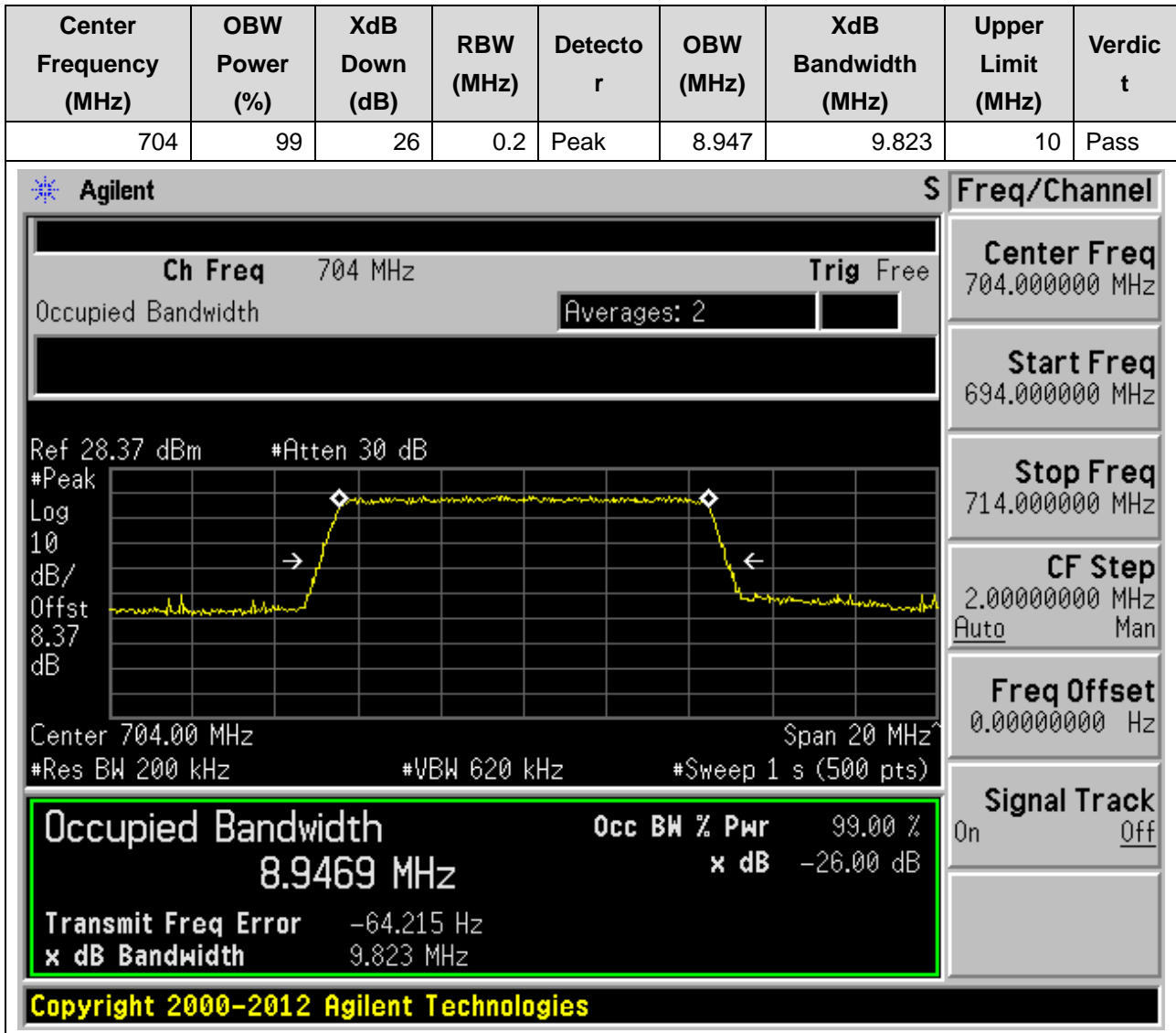


**12.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



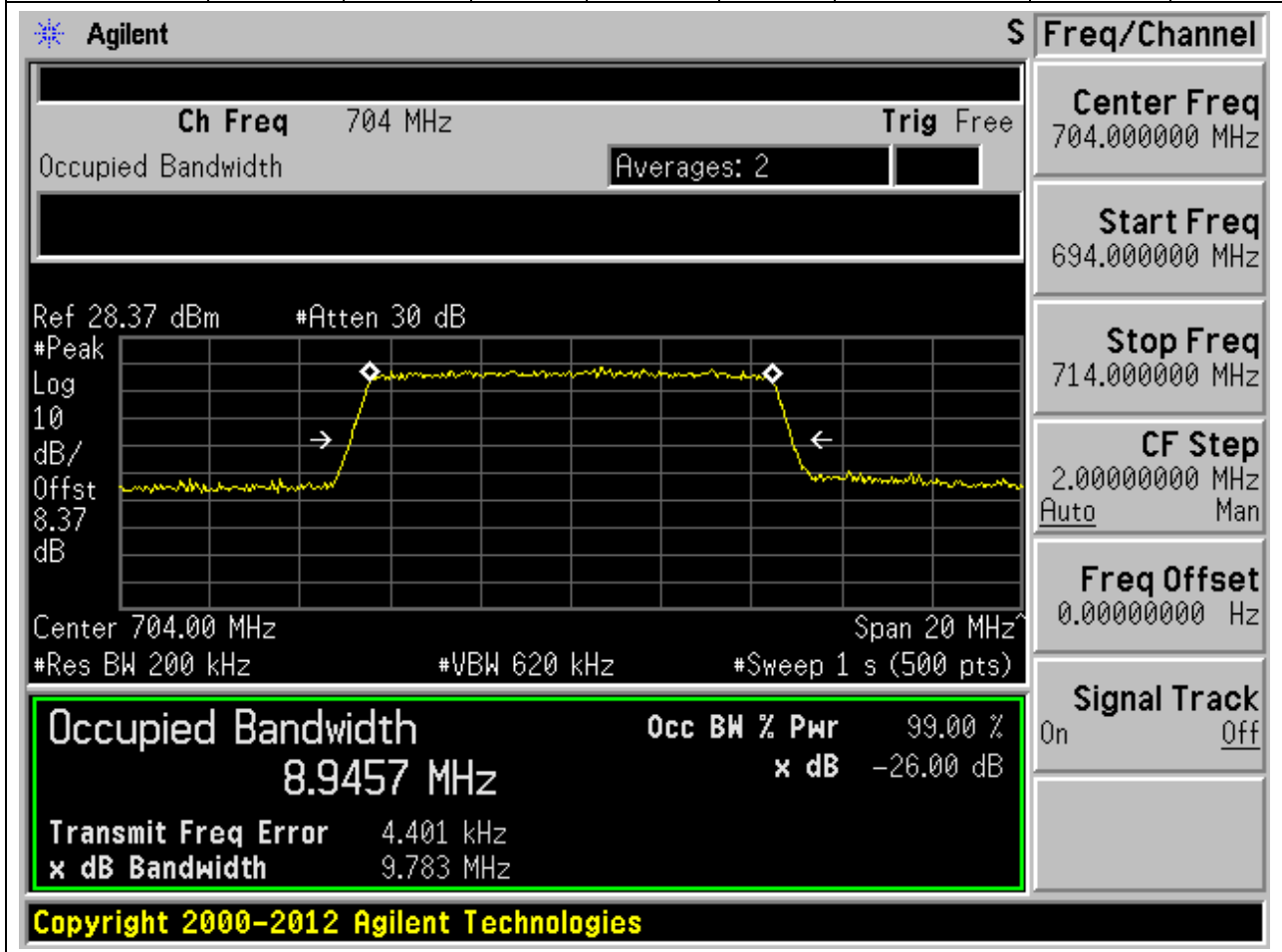


12.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

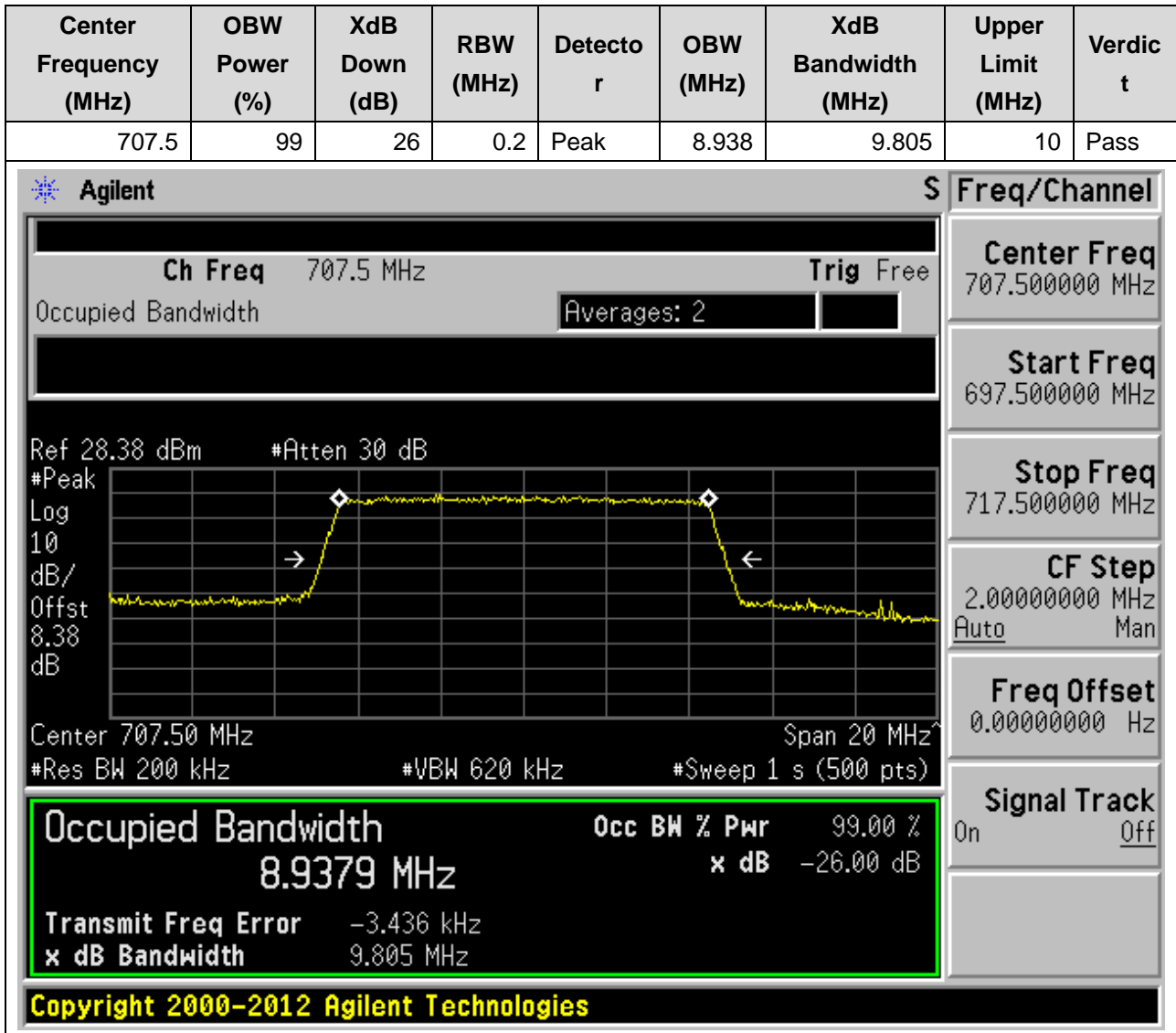


**12.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.946	9.783	10	Pass



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



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

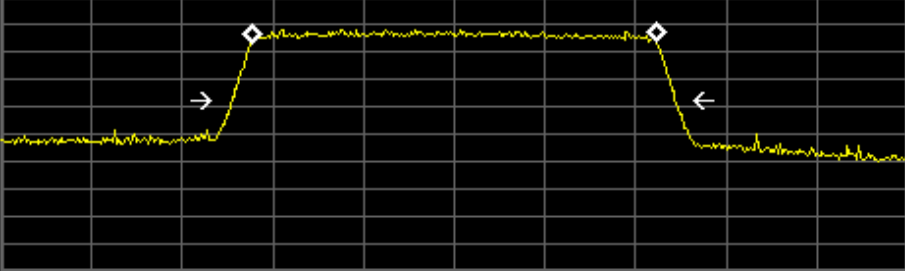
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.2	Peak	8.944	9.782	10	Pass

Agilent
S

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.38 dBm #Atten 30 dB



Center 707.50 MHz Span 20 MHz

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

**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

**Occupied Bandwidth**

**8.9436 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

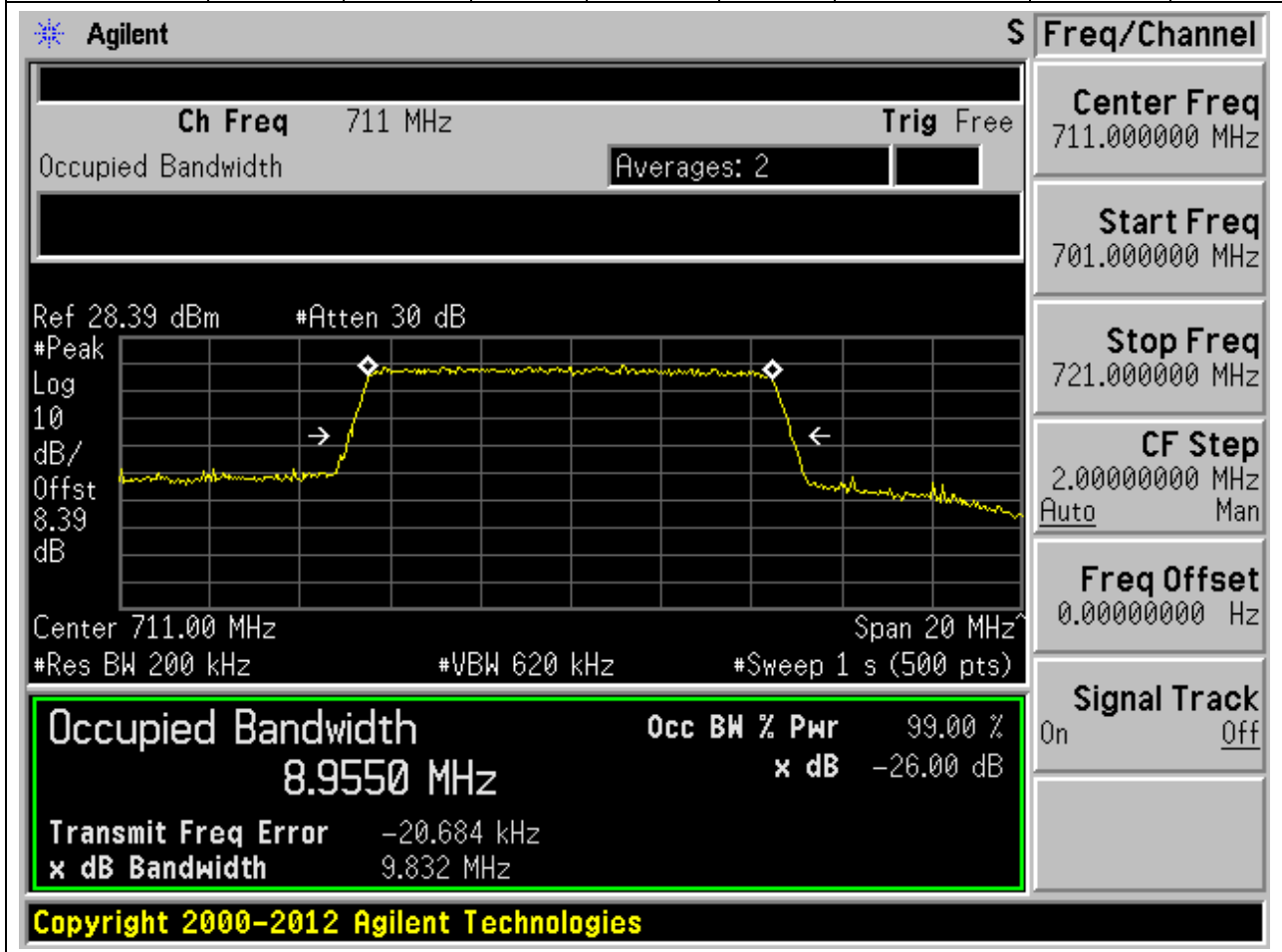
Transmit Freq Error -6.173 kHz

x dB Bandwidth 9.782 MHz

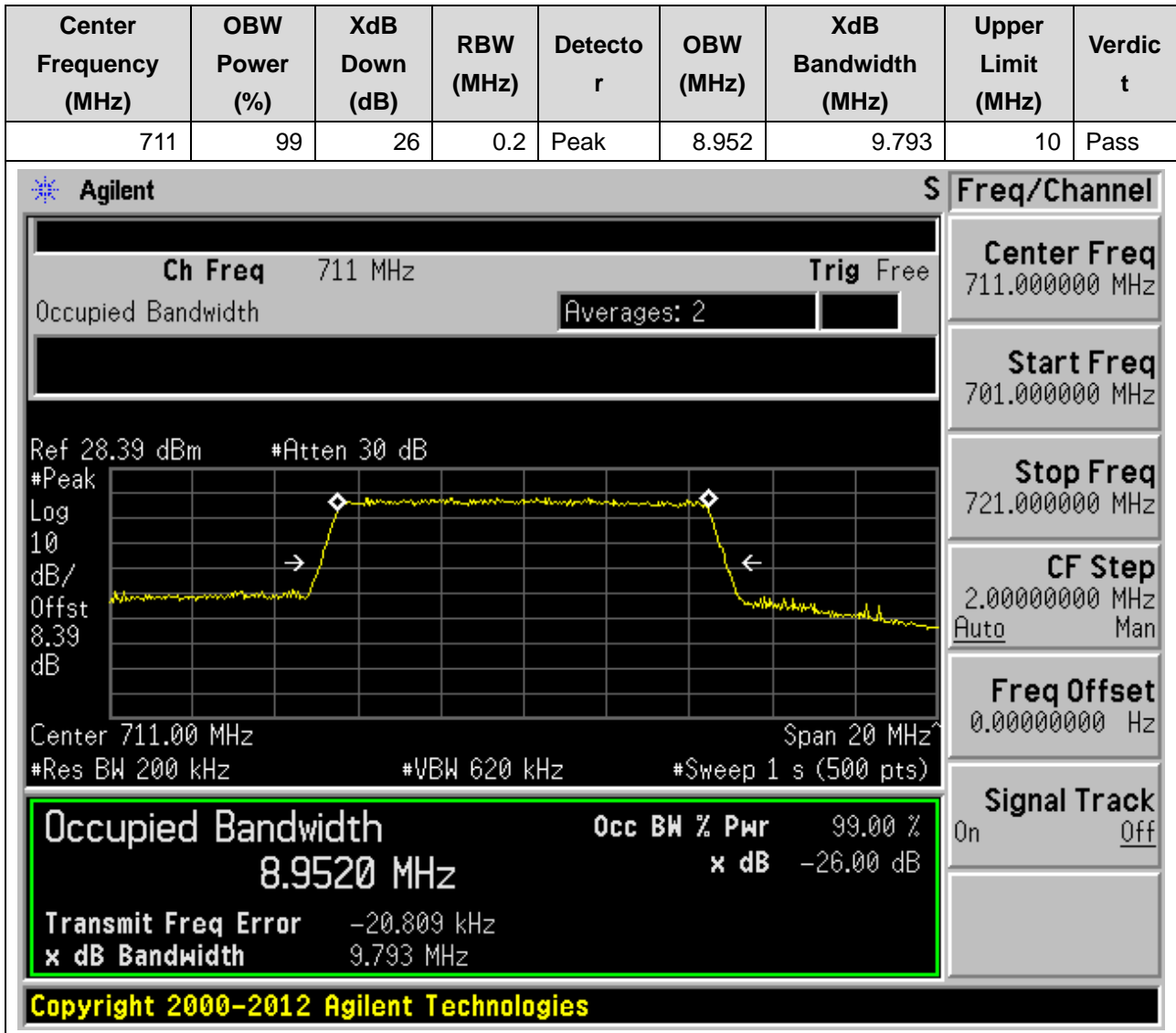
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**12.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.955	9.832	10	Pass

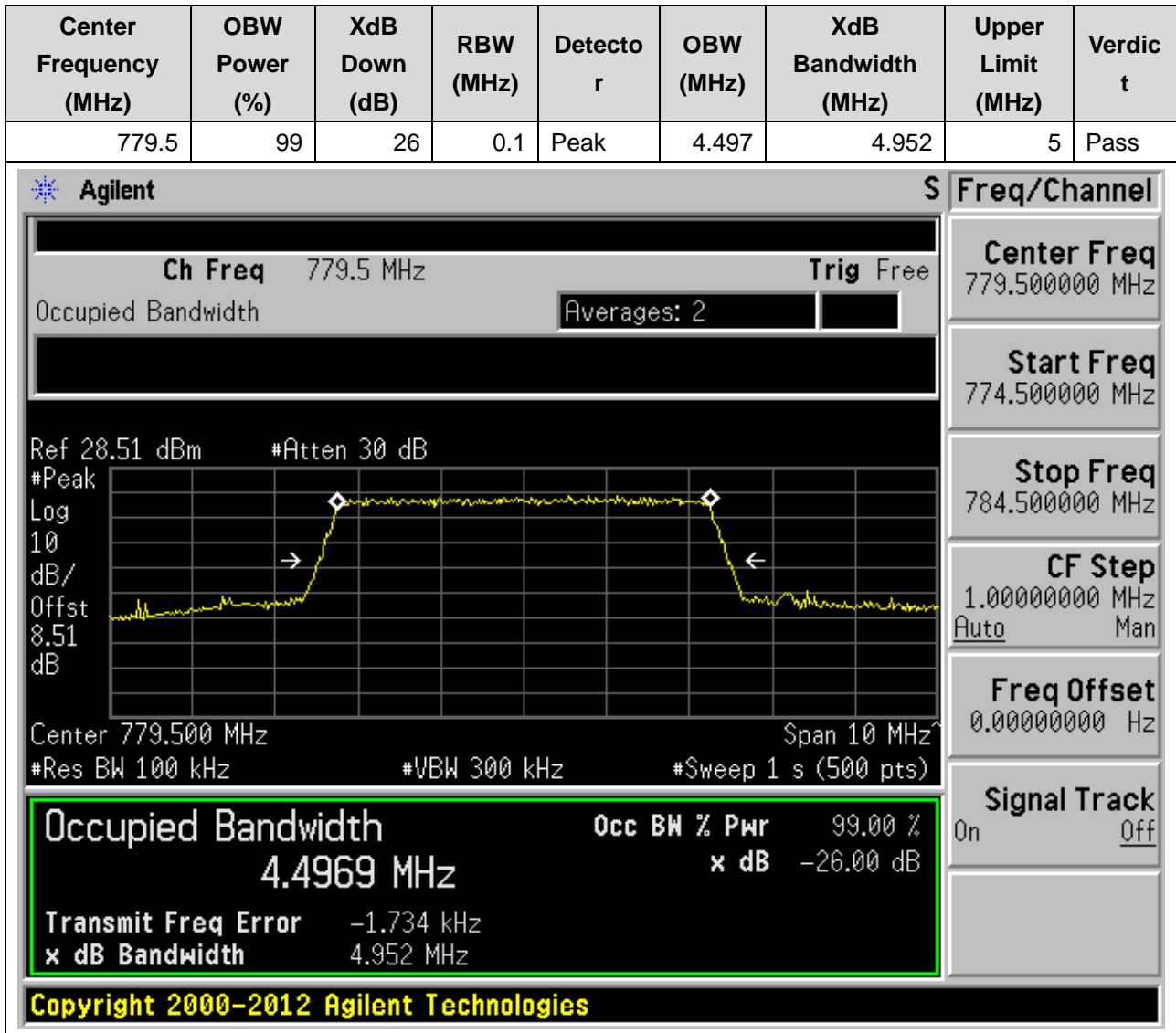


12.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



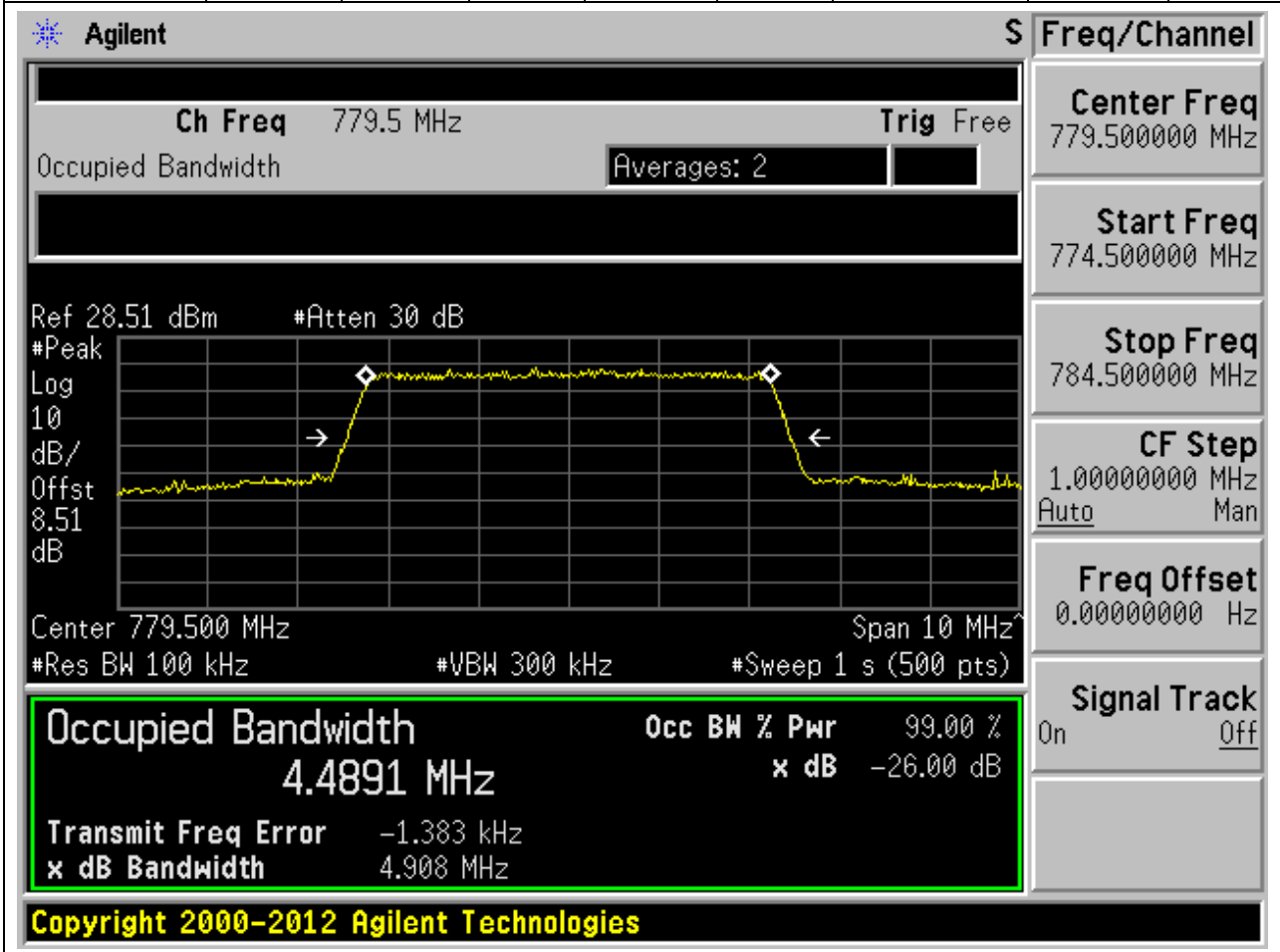
### 13. LTE\_Band13

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)

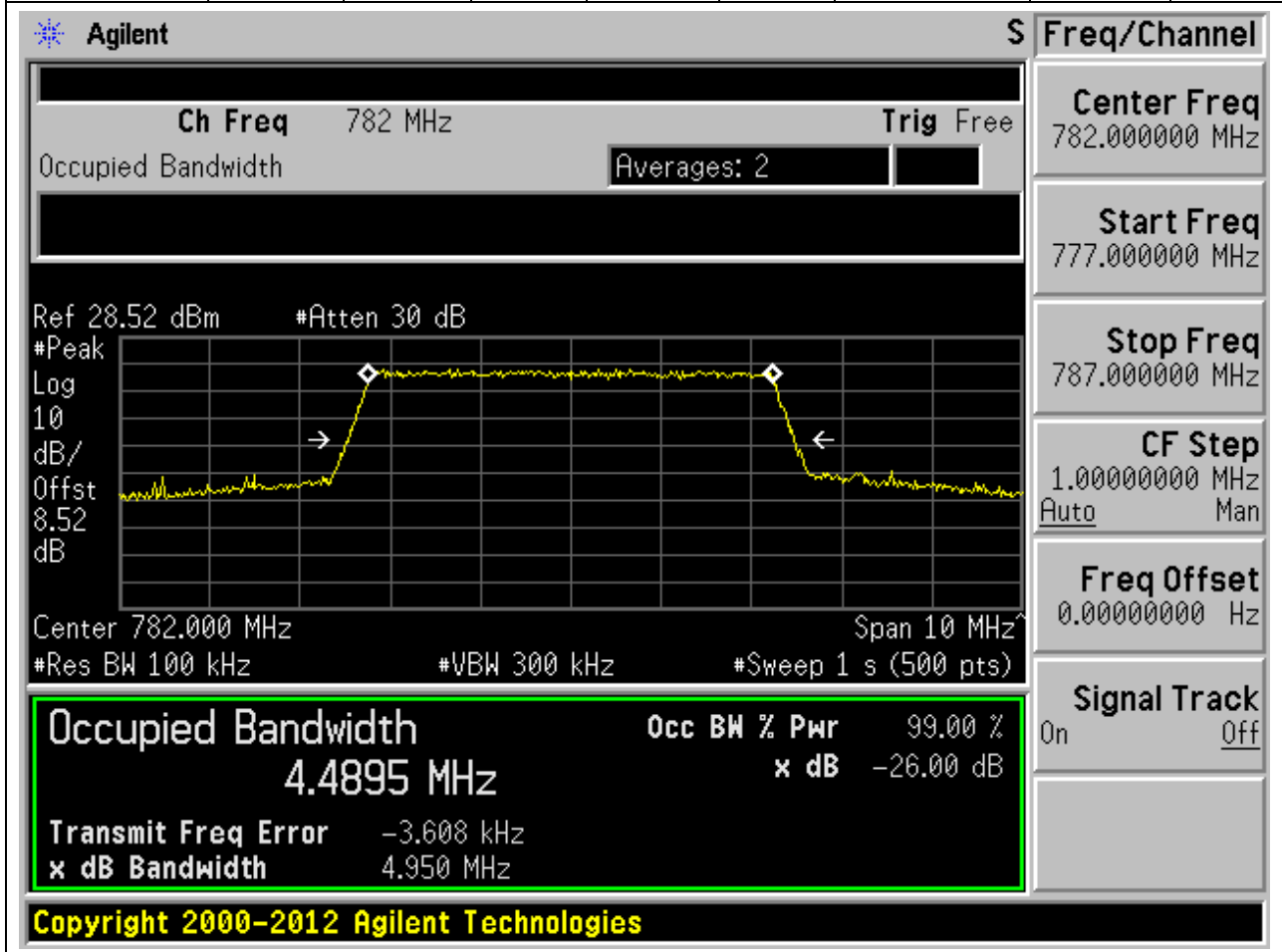
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
779.5	99	26	0.1	Peak	4.489	4.908	5	Pass





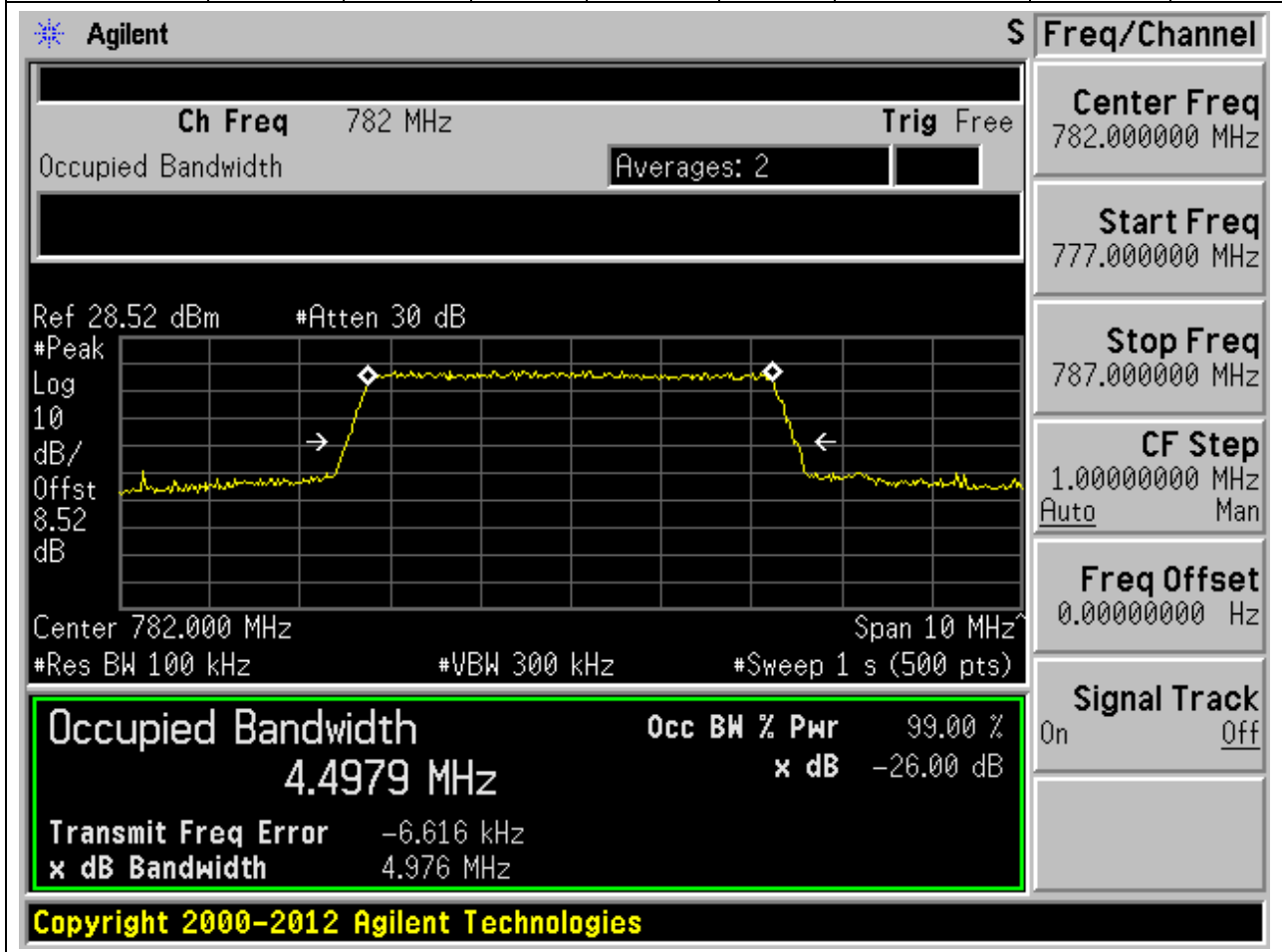
**13.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.489	4.95	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	4.498	4.976	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	4.485	4.953	5	Pass

Agilent
S Freq/Channel

Ch Freq 784.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.54 dBm
#Atten 30 dB

#Peak

Log

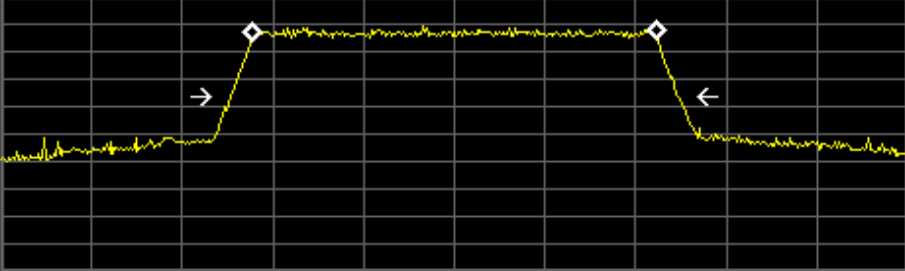
10

dB/

Offst

8.54

dB



Center 784.500 MHz
Span 10 MHz

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

**Occupied Bandwidth**

**4.4849 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -708.651 Hz

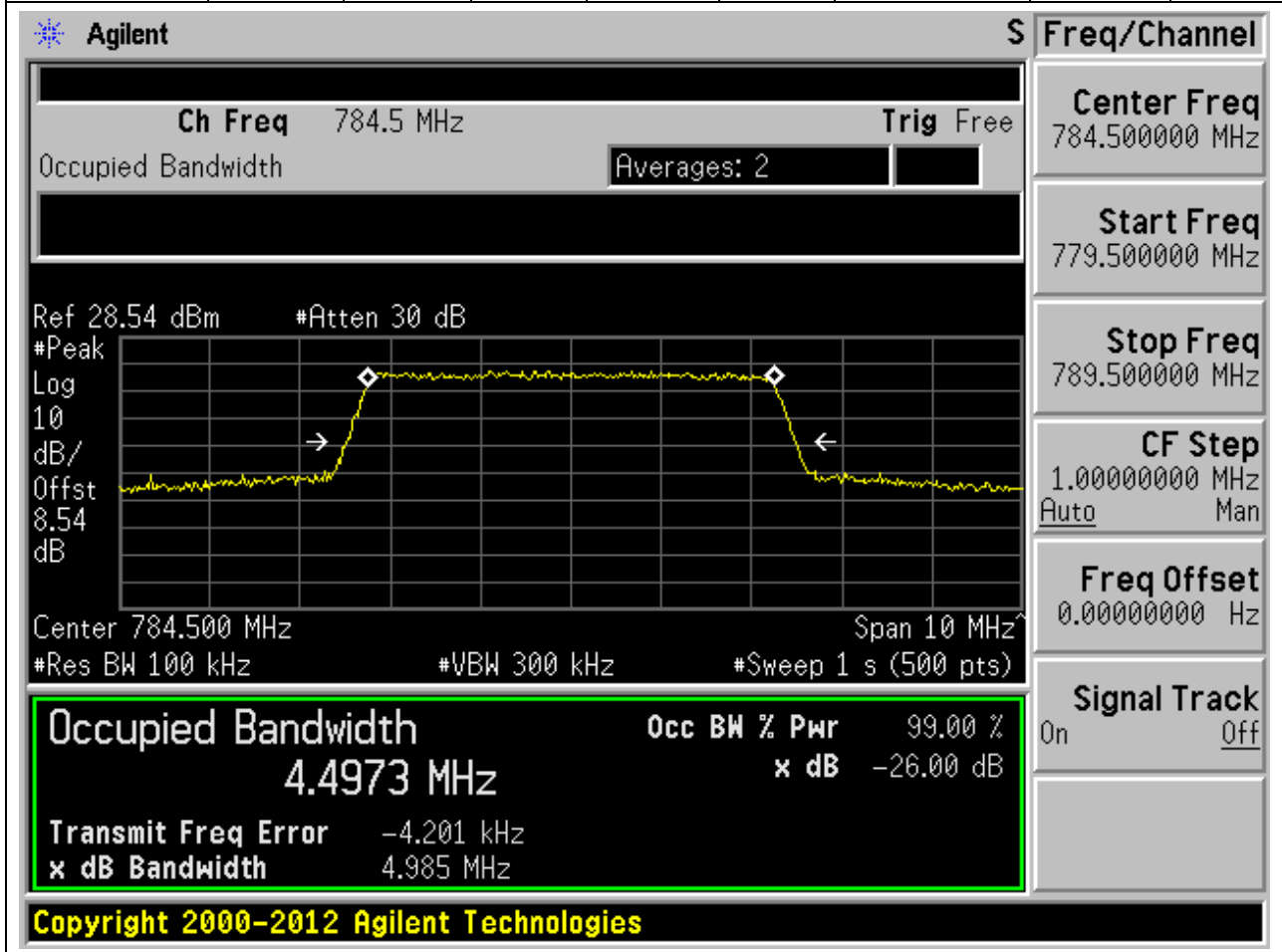
x dB Bandwidth 4.953 MHz

Signal Track
On Off

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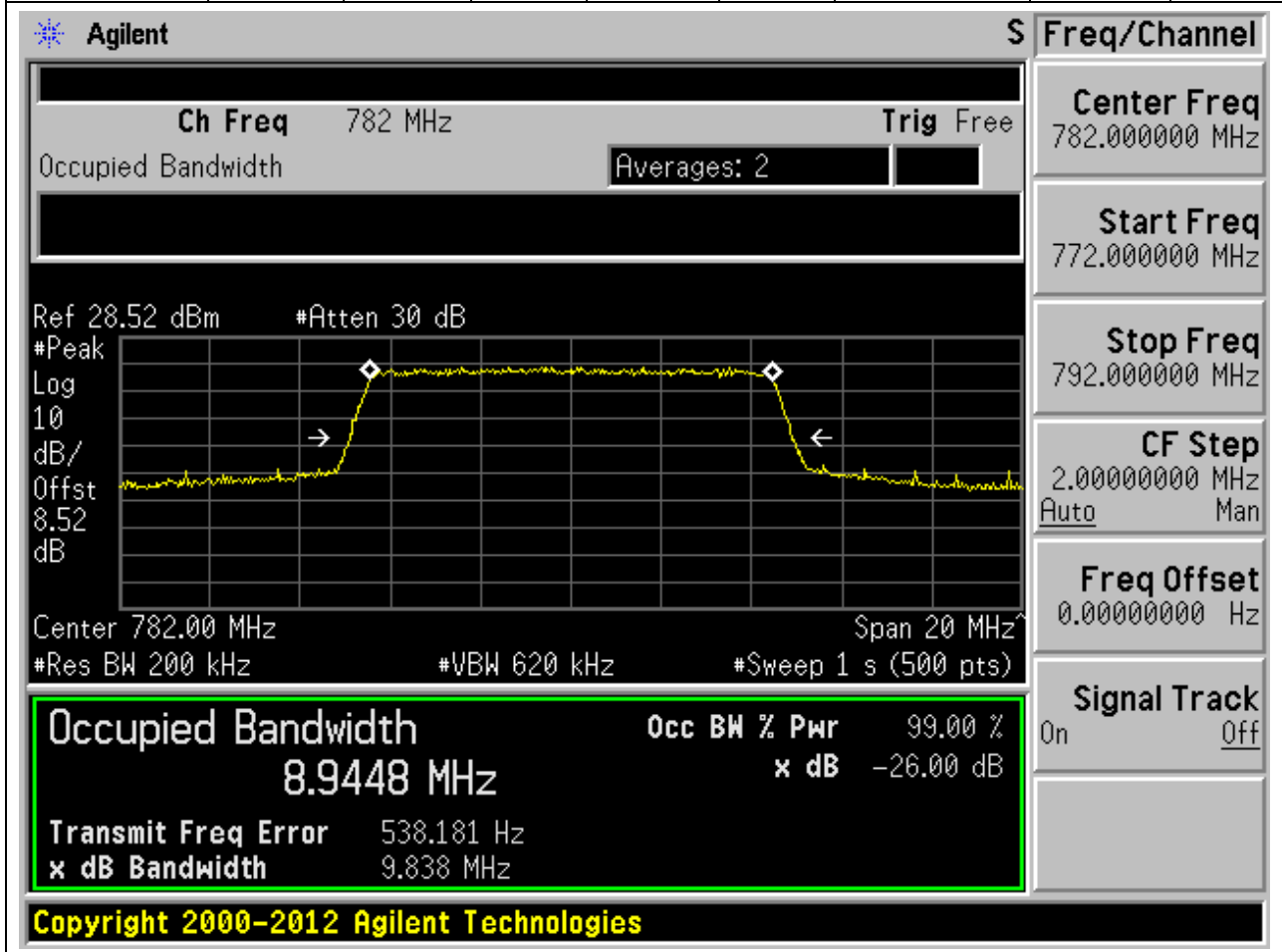
13.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23255, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
784.5	99	26	0.1	Peak	4.497	4.985	5	Pass



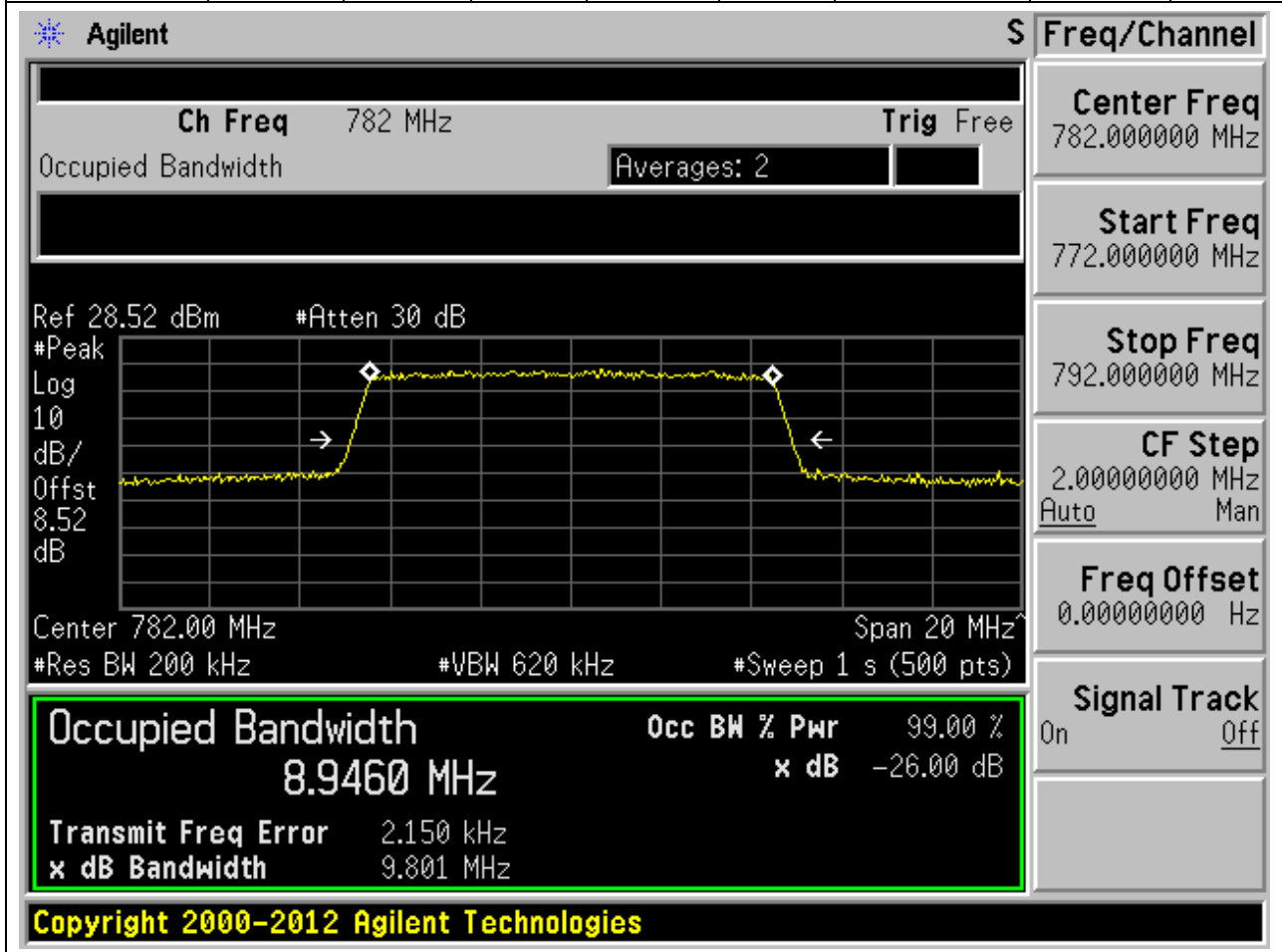
13.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.945	9.838	10	Pass



**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	8.946	9.801	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	4.489	4.902	5	Pass

Agilent
S Freq/Channel

Ch Freq 706.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

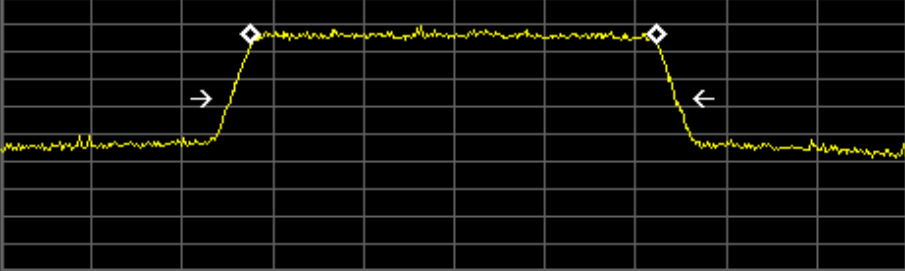
Ref 28.38 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.38

dB



Center 706.500 MHz
Span 10 MHz

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

**Occupied Bandwidth**

**4.4891 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -4.158 kHz

**x dB Bandwidth** 4.902 MHz

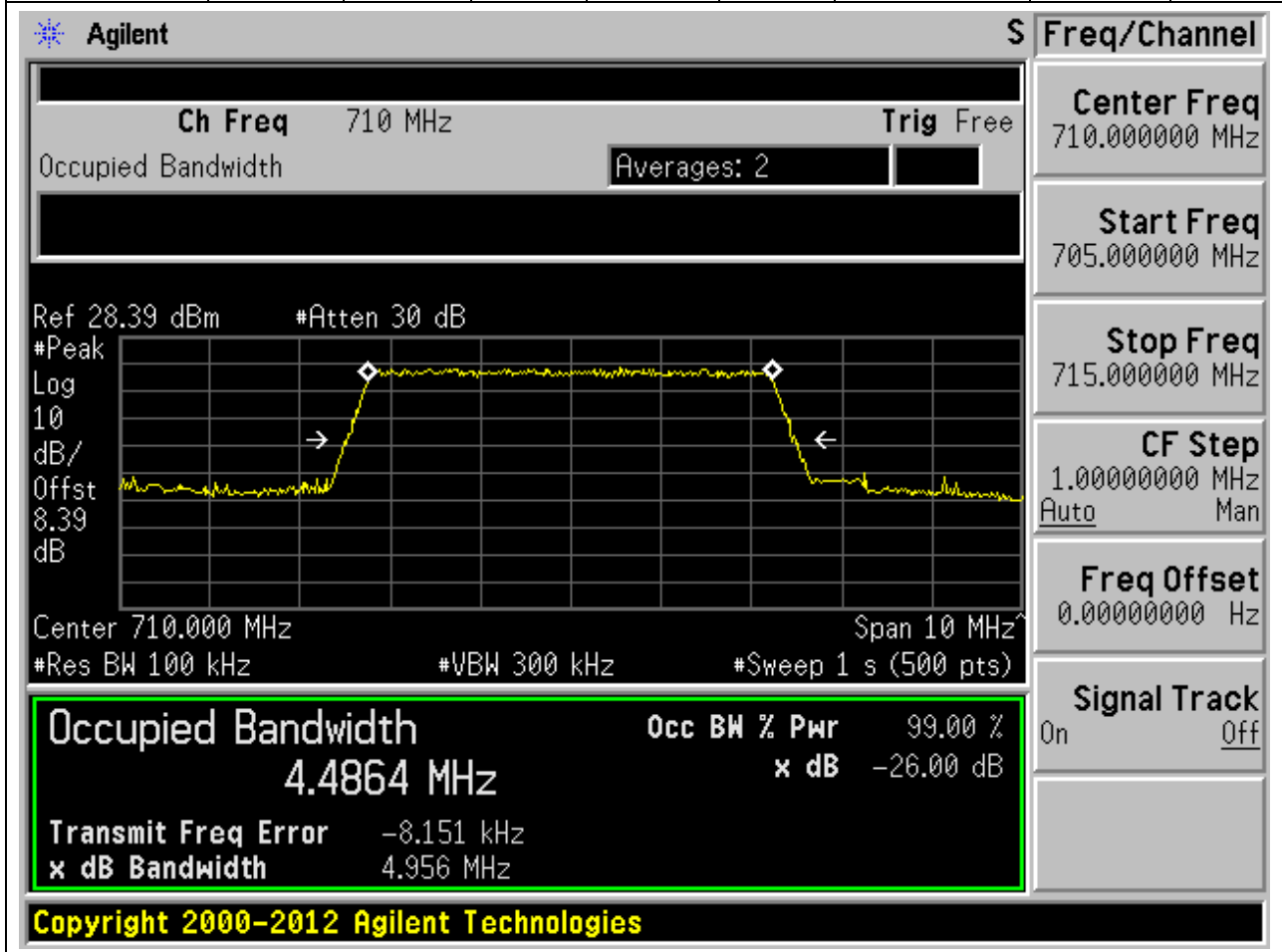
Signal Track
On Off

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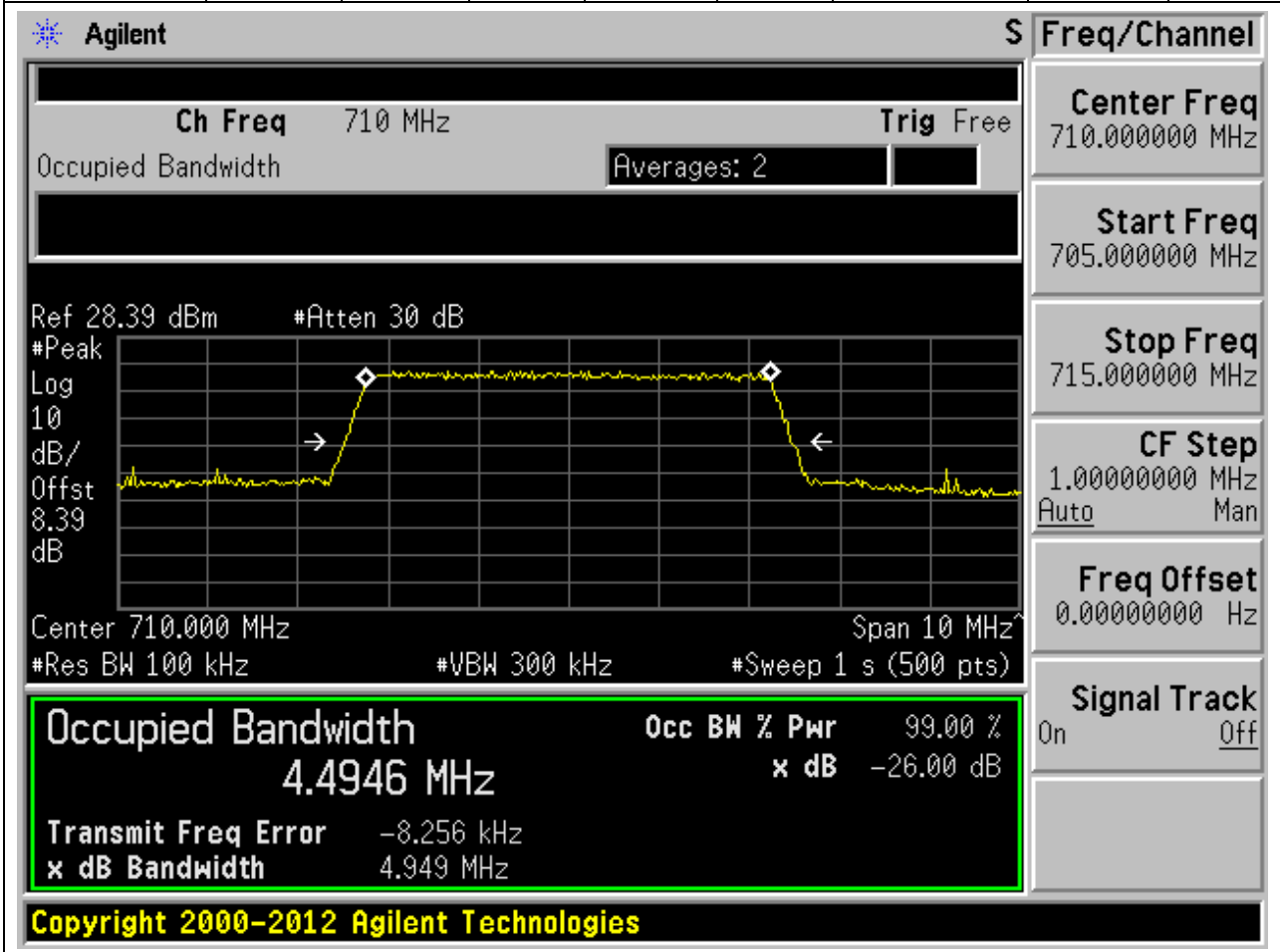
**14.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.486	4.956	5	Pass



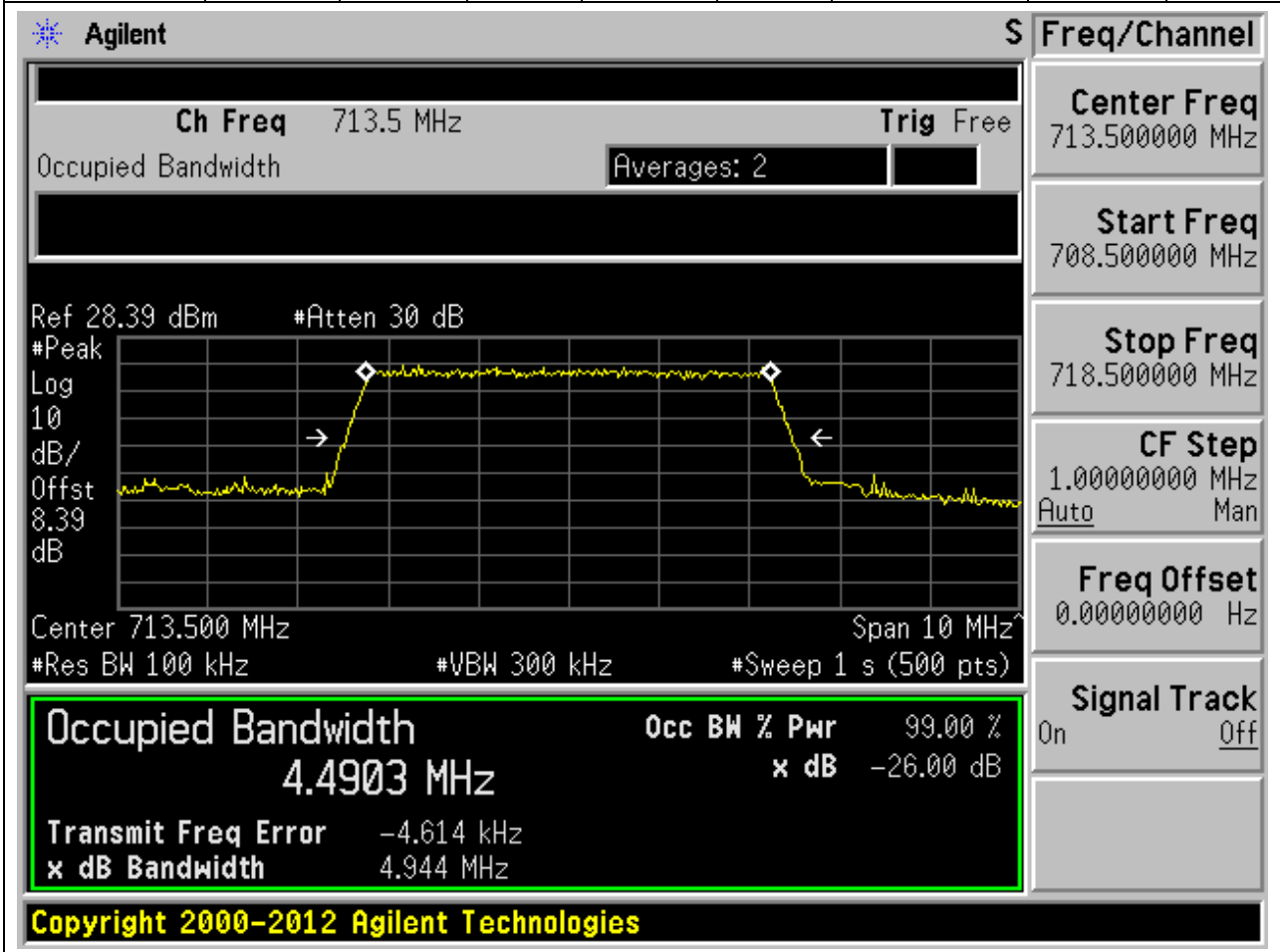
14.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.495	4.949	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	4.49	4.944	5	Pass



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

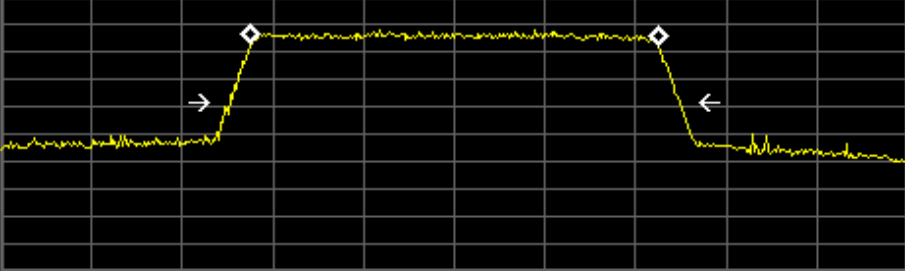
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.494	4.966	5	Pass

Agilent
S

Ch Freq 713.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.39 dBm #Atten 30 dB



Center 713.500 MHz Span 10 MHz

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

**Freq/Channel**

Center Freq 713.500000 MHz

Start Freq 708.500000 MHz

Stop Freq 718.500000 MHz

CF Step 1.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**Occupied Bandwidth**

**4.4941 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

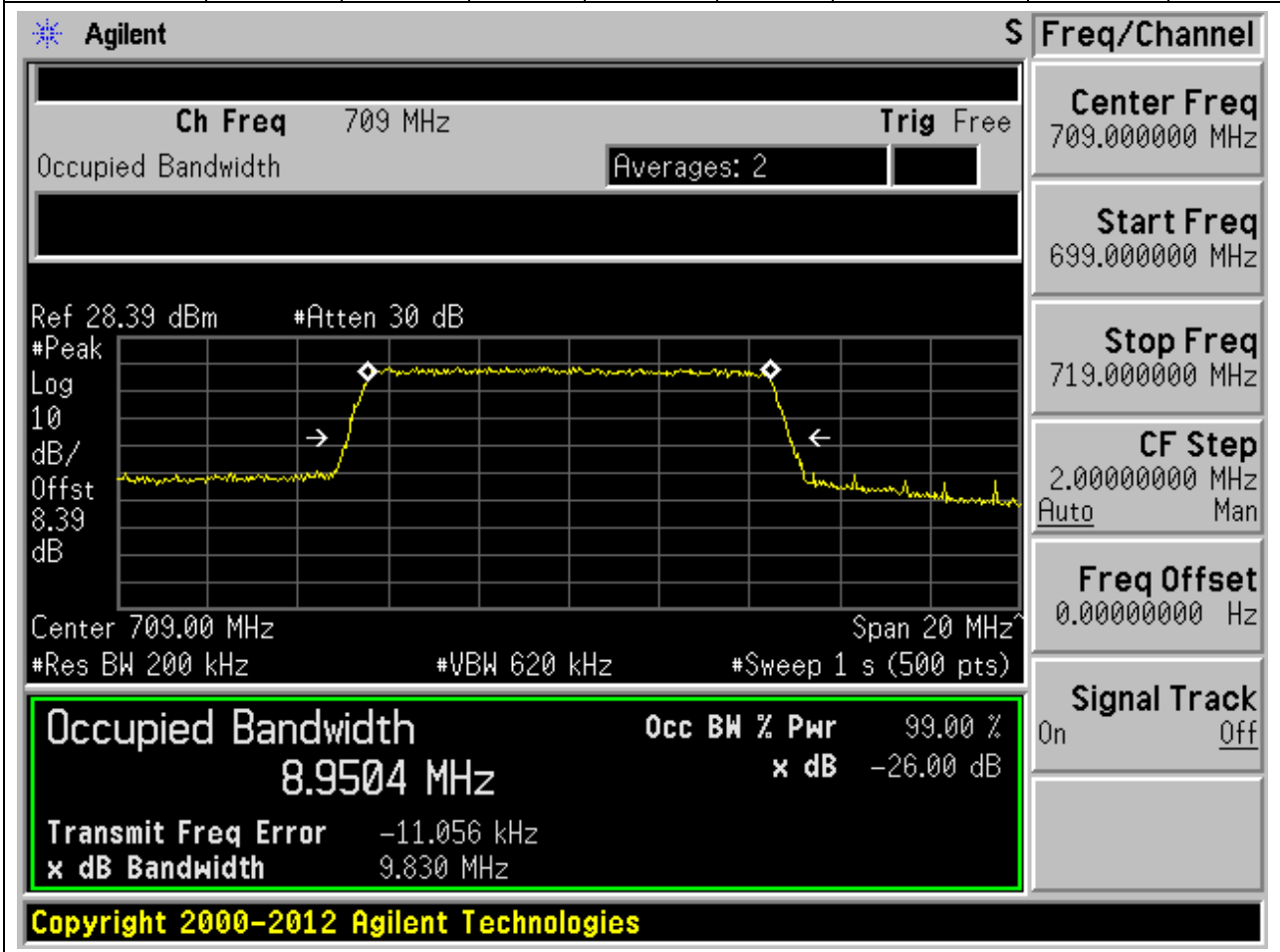
Transmit Freq Error -3.747 kHz

x dB Bandwidth 4.966 MHz

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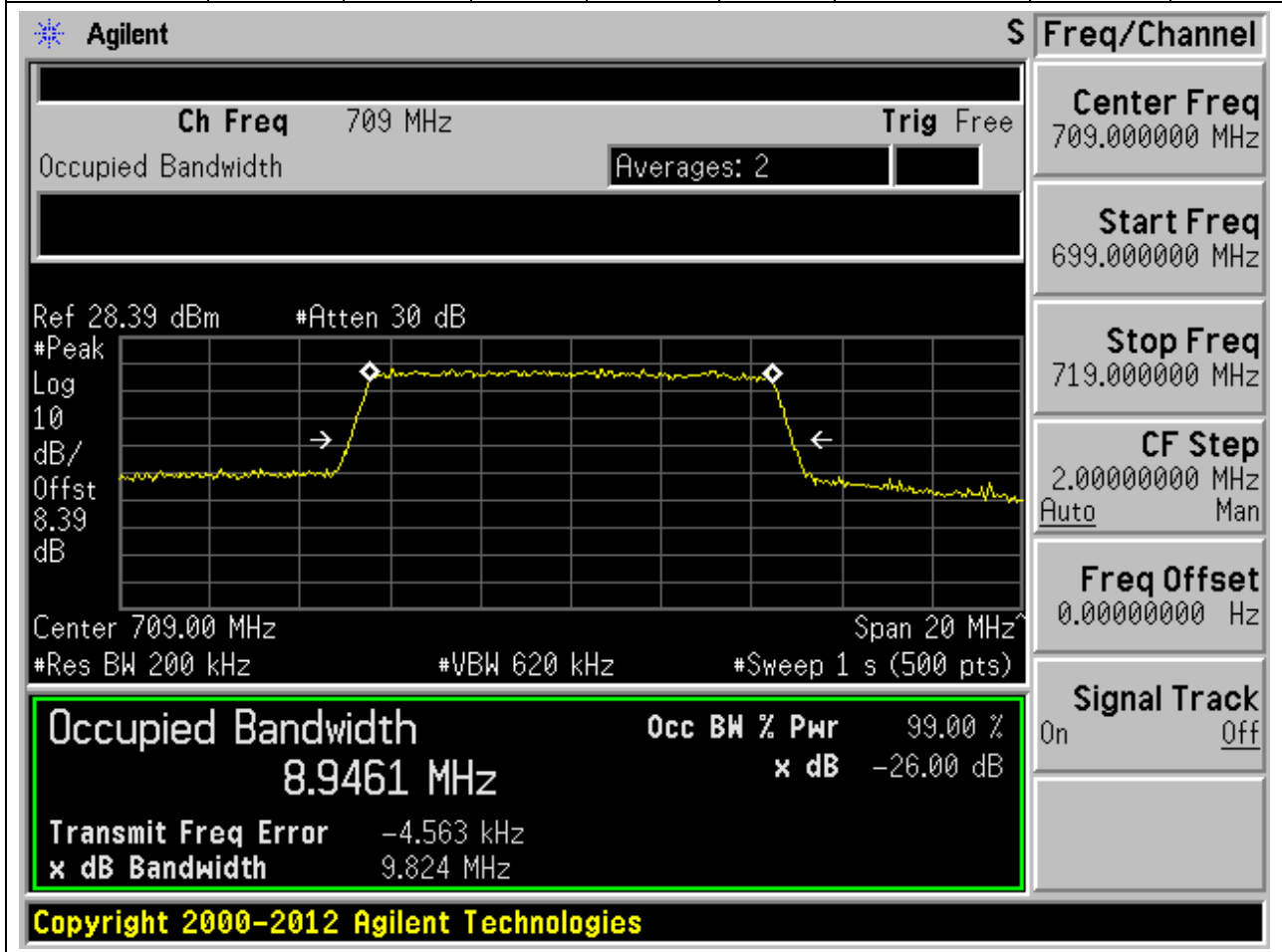
**14.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.95	9.83	10	Pass



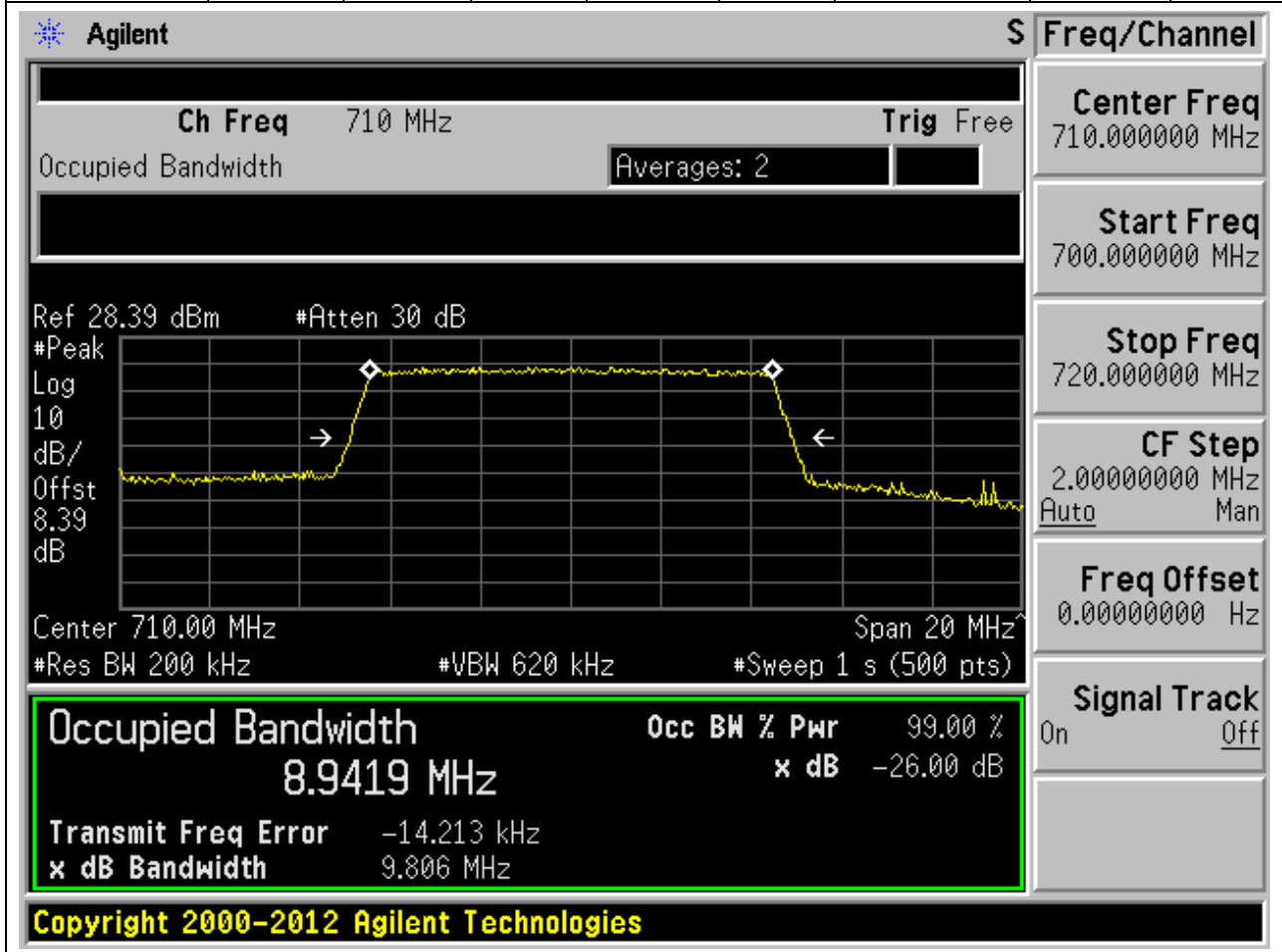
**14.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.946	9.824	10	Pass



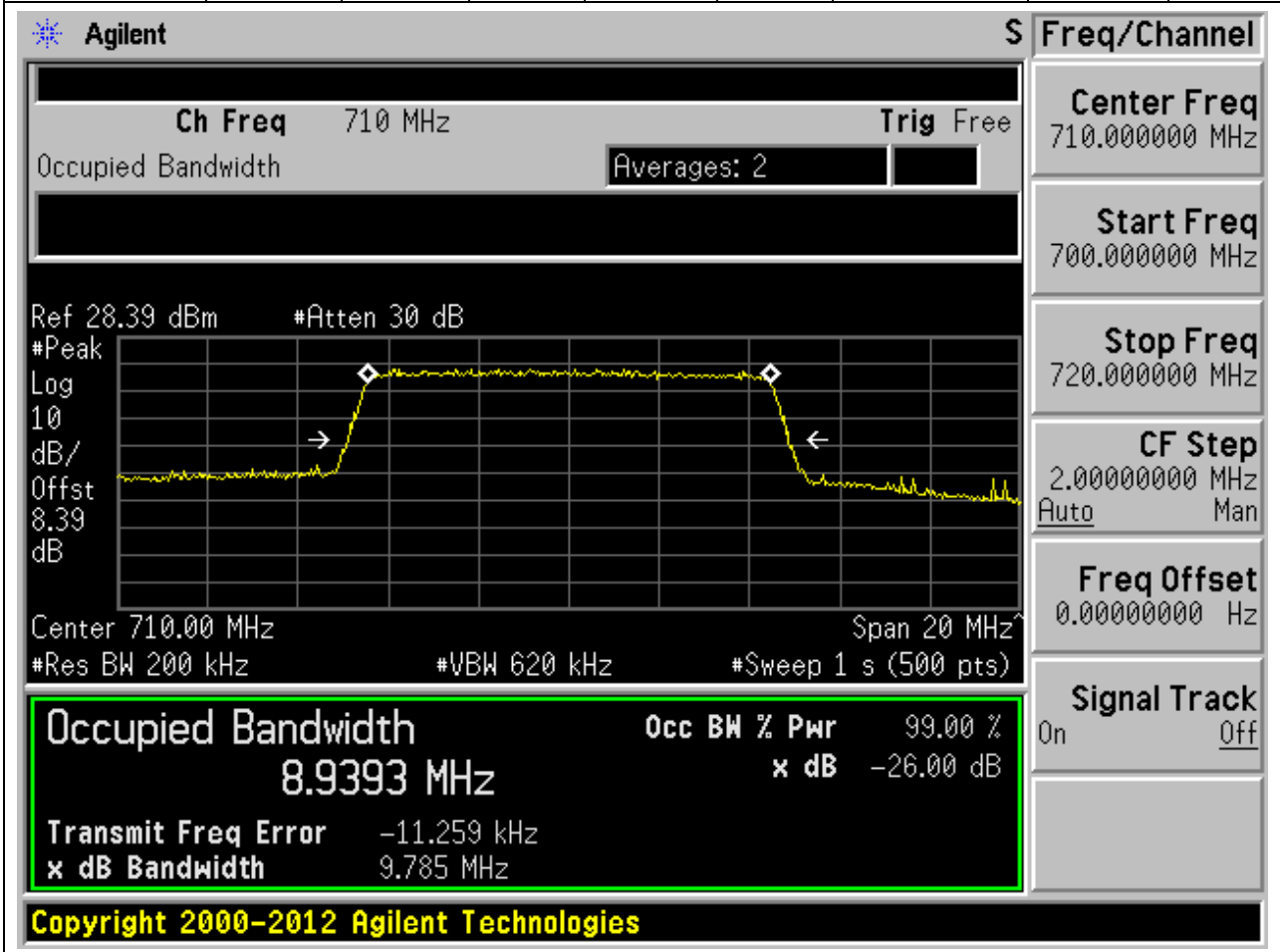
**14.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.942	9.806	10	Pass



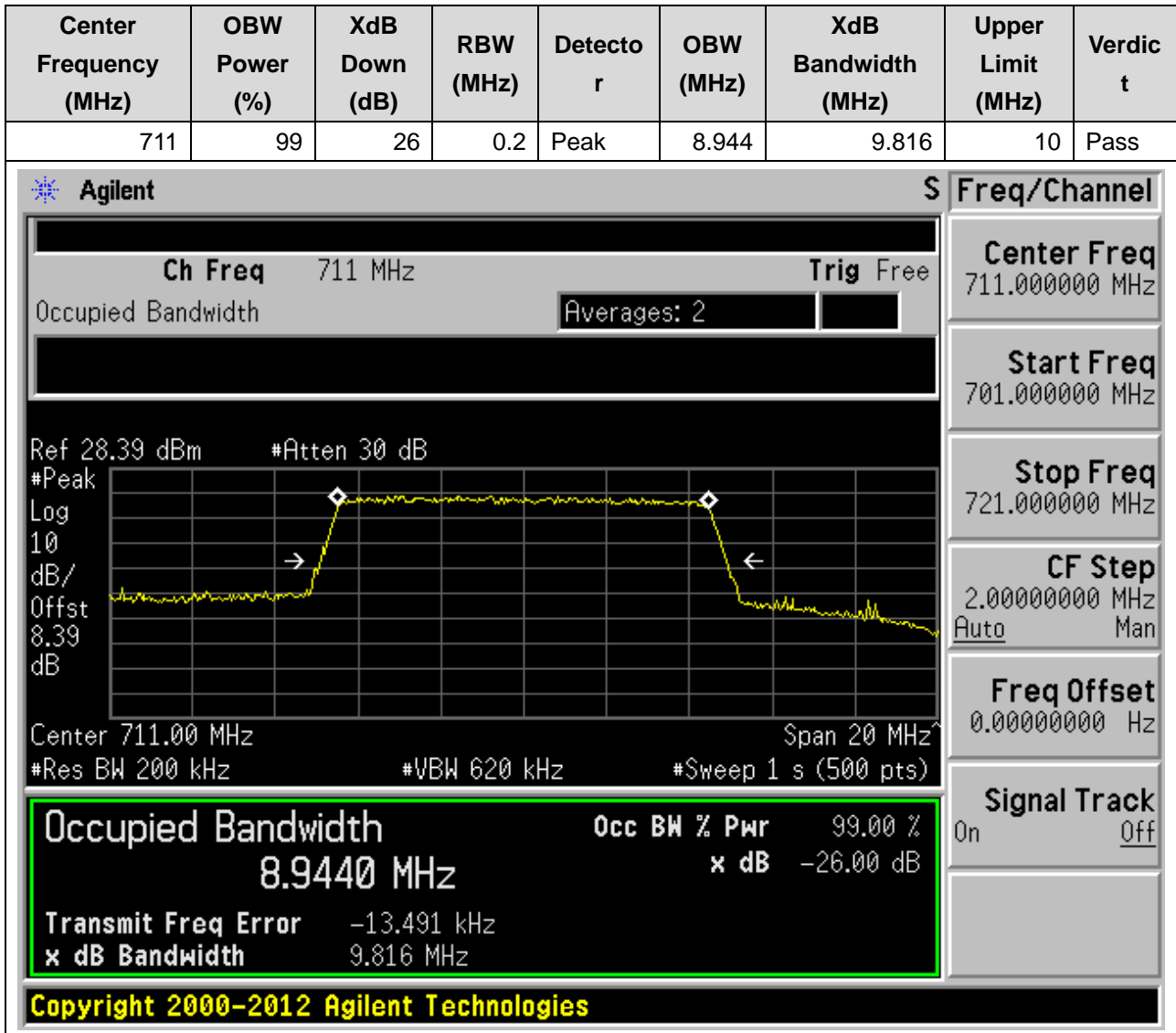
14.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.939	9.785	10	Pass





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



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

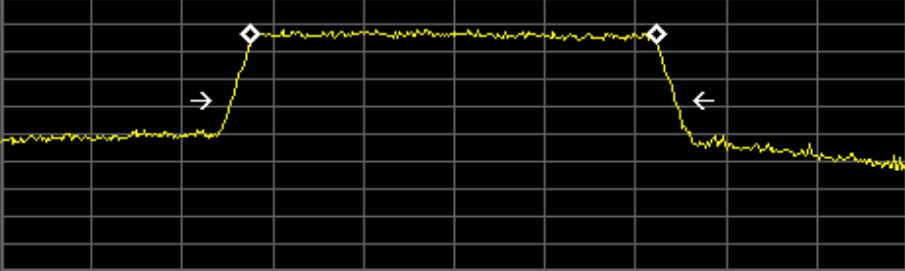
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.946	9.816	10	Pass

Agilent
S

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.39 dBm #Atten 30 dB



Center 711.00 MHz Span 20 MHz

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

**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

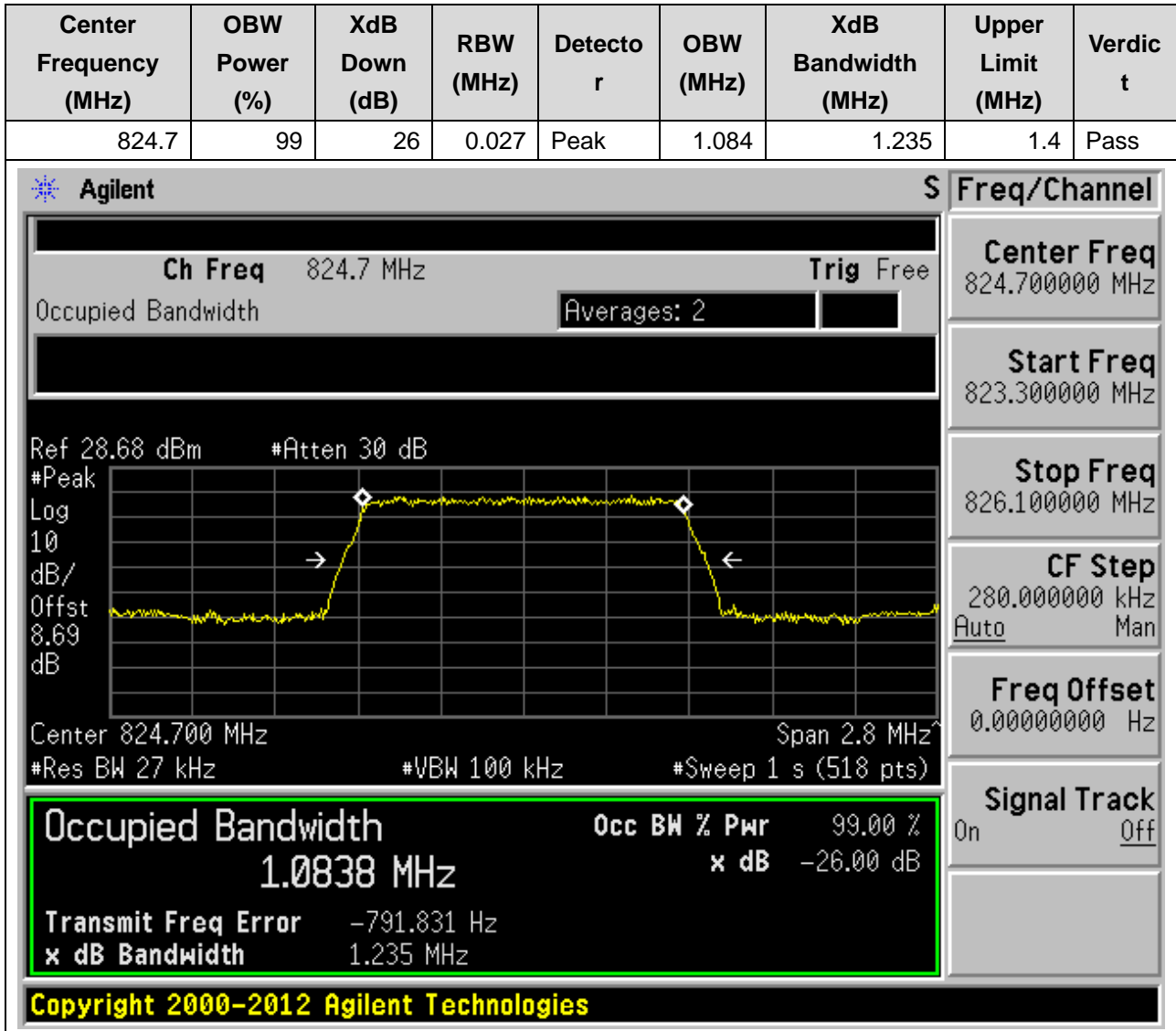
**Signal Track**  
On Off

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9456 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-19.859 kHz	
<b>x dB Bandwidth</b>	9.816 MHz	

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## 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)**

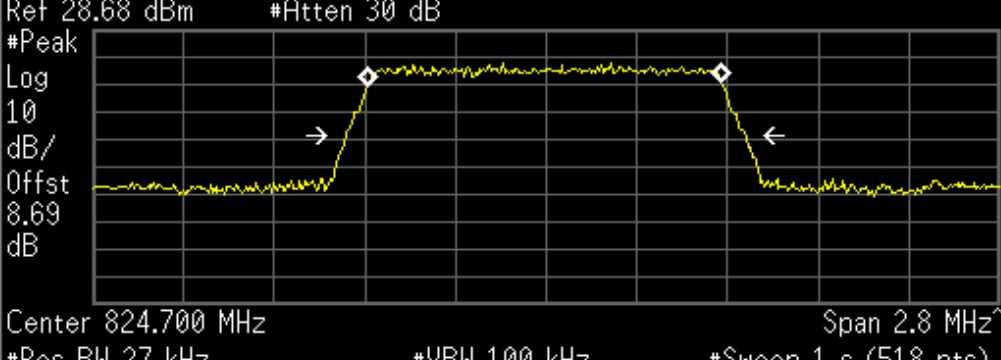
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.087	1.239	1.4	Pass

Agilent
S Freq/Channel

Ch Freq 824.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm #Atten 30 dB



Center 824.700 MHz Span 2.8 MHz

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

Center Freq  
824.700000 MHz

Start Freq  
823.300000 MHz

Stop Freq  
826.100000 MHz

CF Step  
280.000000 kHz  
Auto Man

Freq Offset  
0.00000000 Hz

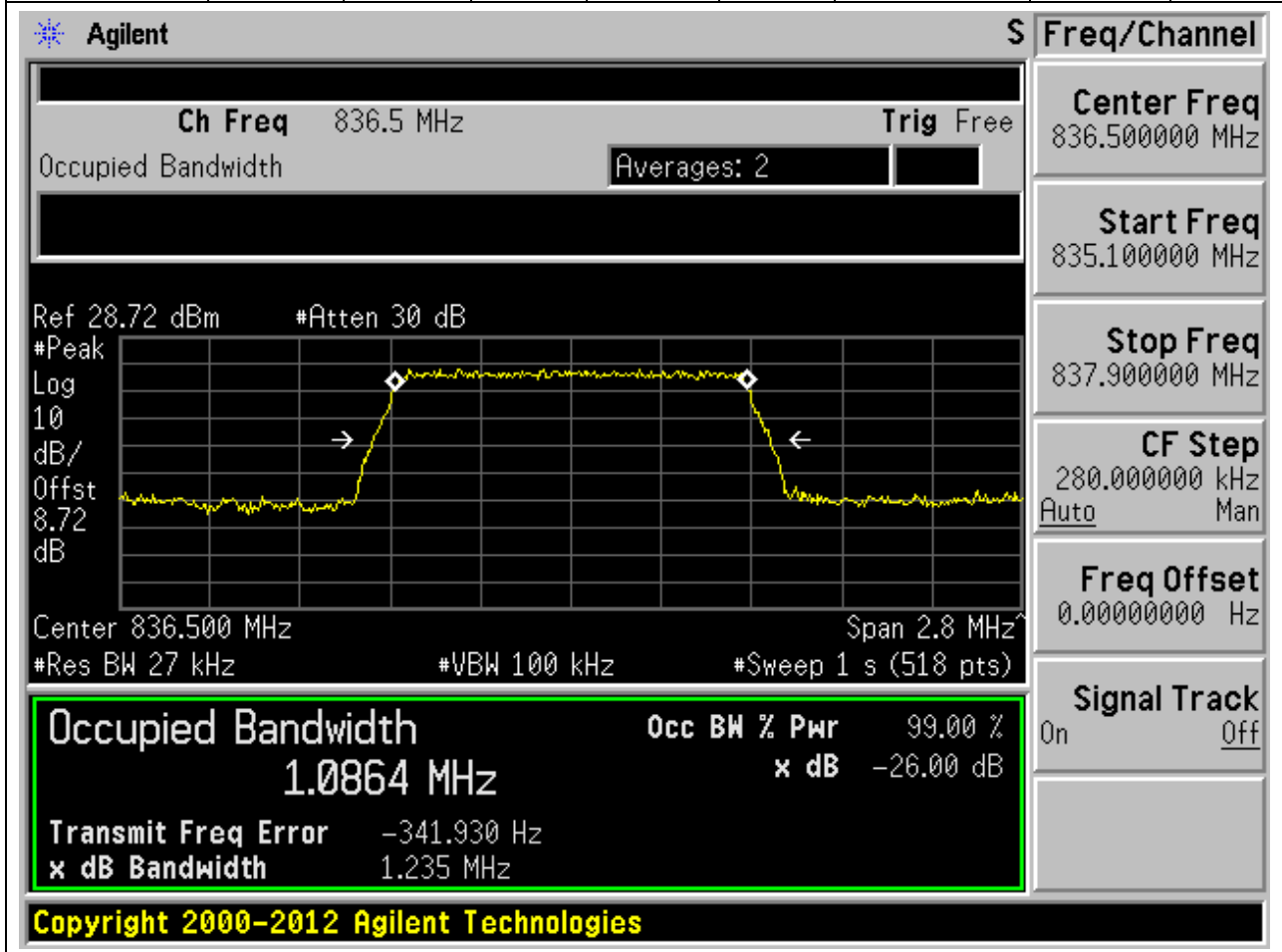
Signal Track  
On Off

<b>Occupied Bandwidth</b>	Occ BW % Pwr	99.00 %
1.0868 MHz	x dB	-26.00 dB
Transmit Freq Error		-3.789 kHz
x dB Bandwidth		1.239 MHz

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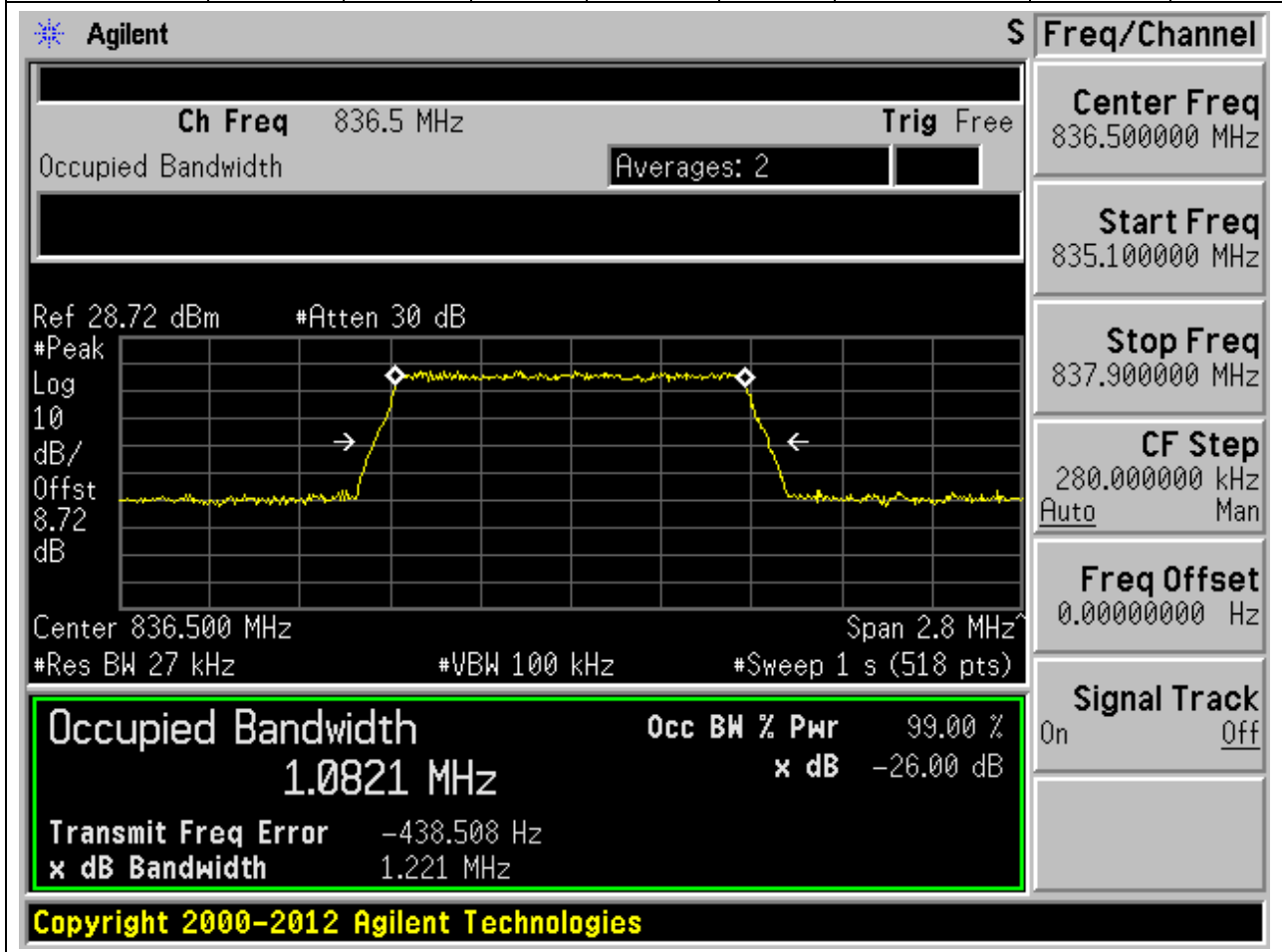
**15.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:26915, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.086	1.235	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.082	1.221	1.4	Pass



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

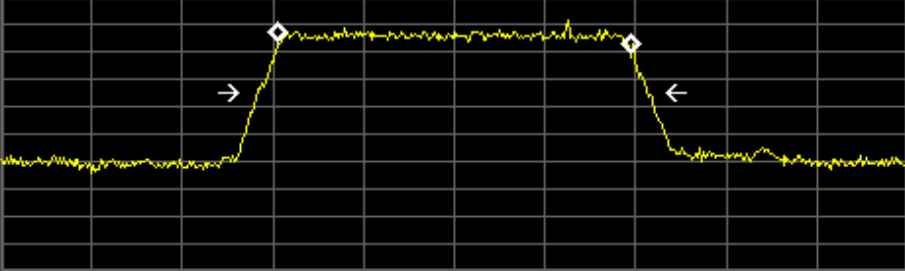
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.212	1.4	Pass

Agilent
S Freq/Channel

Ch Freq 848.3 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.74 dBm    #Atten 30 dB



Center 848.300 MHz    Span 2.8 MHz  
 #Res BW 27 kHz    #VBW 100 kHz    #Sweep 1 s (518 pts)

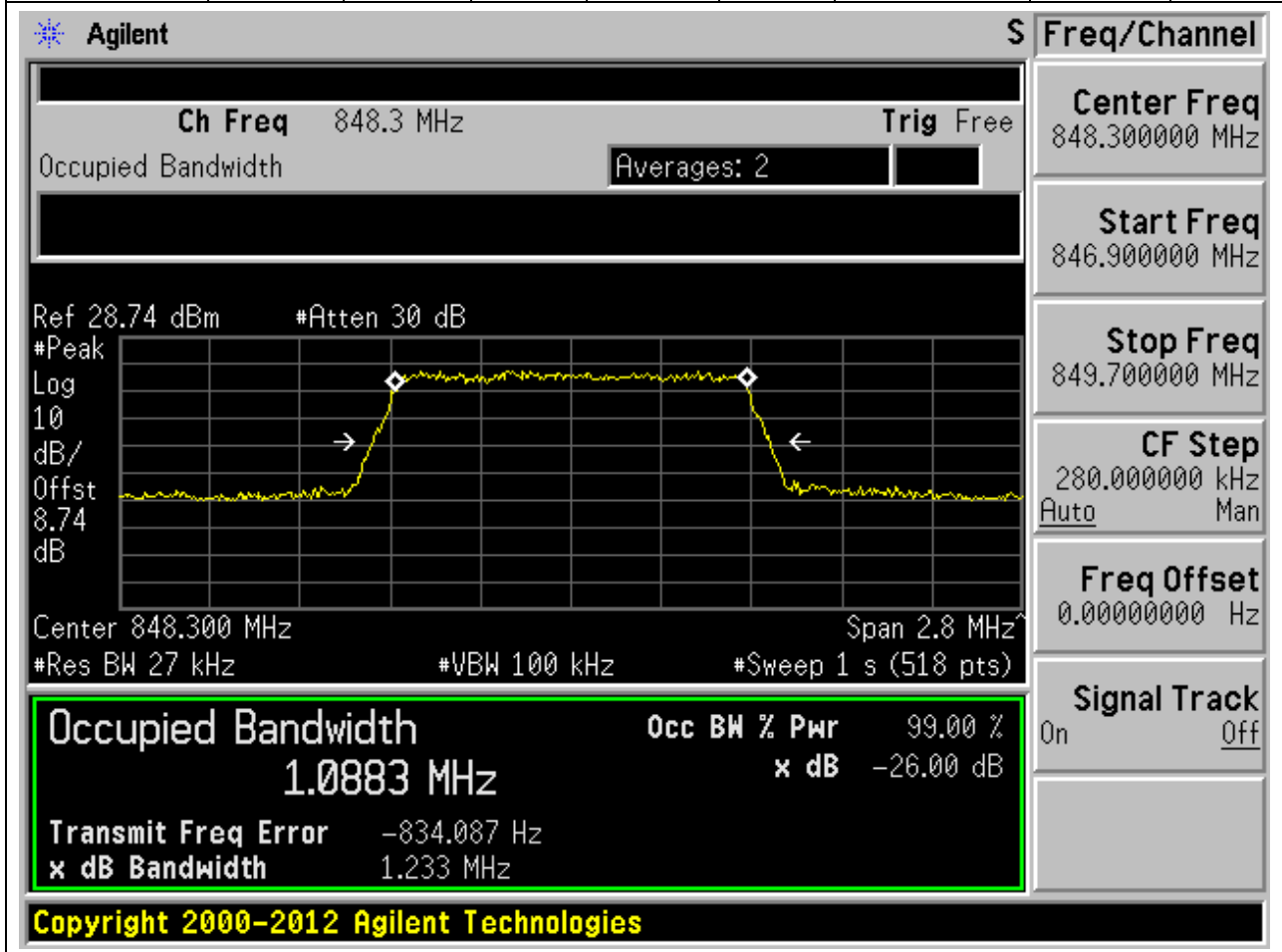
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
1.0904 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	697.563 Hz	
<b>x dB Bandwidth</b>	1.212 MHz	

<b>Signal Track</b>	On <u>Off</u>
---------------------	---------------

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.088	1.233	1.4	Pass





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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.699	2.993	3	Pass

**Agilent**
S

**Ch Freq** 825.5 MHz **Trig** Free

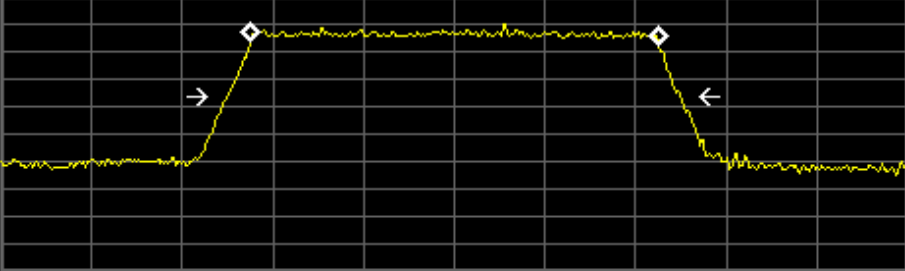
Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 8.69 dB



Center 825.500 MHz Span 6 MHz

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

**Freq/Channel**

**Center Freq**  
825.500000 MHz

**Start Freq**  
822.500000 MHz

**Stop Freq**  
828.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**2.6988 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.359 kHz

**x dB Bandwidth** 2.993 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.697	3.015	3	Pass

**Agilent** S

---

**Ch Freq** 825.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.69 dBm #Atten 30 dB

#Peak

Log

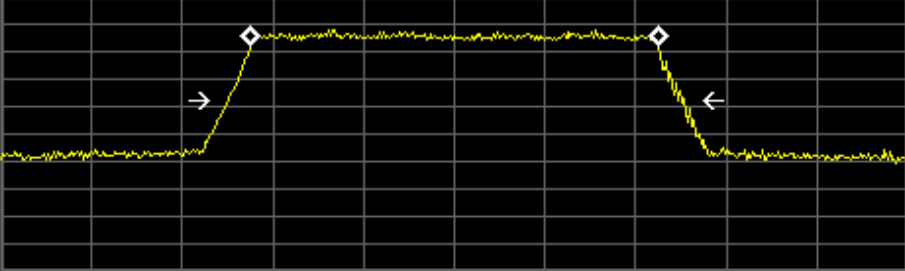
10

dB/

Offst

8.69

dB



Center 825.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz

#Sweep 1 s (483 pts)

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6972 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-2.804 kHz	
<b>x dB Bandwidth</b>	3.015 MHz	

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**Freq/Channel**

**Center Freq**  
825.500000 MHz

**Start Freq**  
822.500000 MHz

**Stop Freq**  
828.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

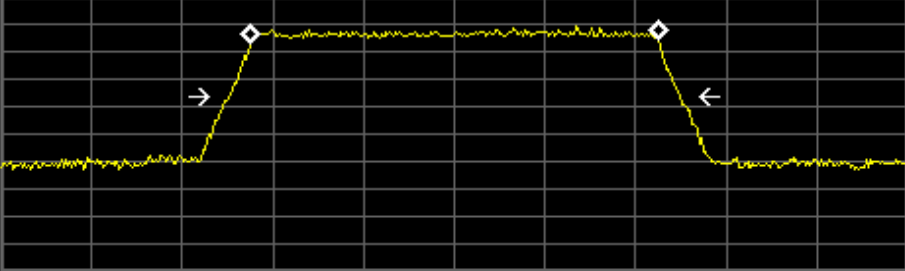
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.703	2.995	3	Pass

Agilent
S Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.72 dBm #Atten 30 dB



Center 836.500 MHz Span 6 MHz  
 #Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

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

**2.7033 MHz** x dB -26.00 dB

Transmit Freq Error 118.776 Hz


x dB Bandwidth 2.995 MHz

Signal Track On Off

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

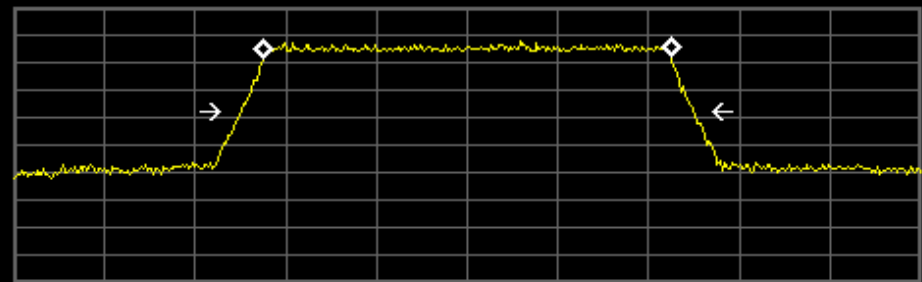
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.696	2.994	3	Pass

 Agilent
S Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.72 dBm #Atten 30 dB



Center 836.500 MHz Span 6 MHz  
 #Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

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

2.6963 MHz x dB -26.00 dB

Transmit Freq Error -3.457 kHz


x dB Bandwidth 2.994 MHz

**Signal Track**  
 On Off

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

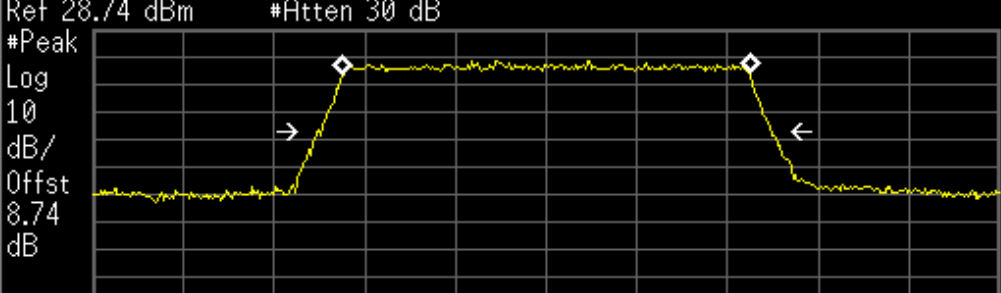
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.705	3.004	3	Pass

 Agilent
S

**Ch Freq** 847.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.74 dBm #Atten 30 dB



Center 847.500 MHz Span 6 MHz  
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

**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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.7048 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.643 kHz	
<b>x dB Bandwidth</b>	3.004 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)**

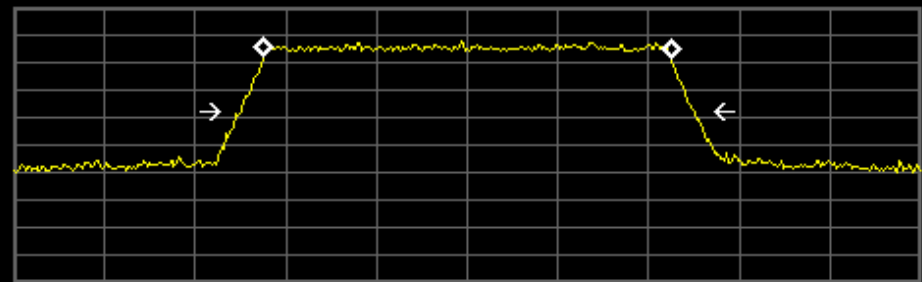
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.695	3.008	3	Pass

 Agilent
S

Ch Freq 847.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.74 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**

**2.6950 MHz**

**Occ BW % Pwr**

**99.00 %**

**x dB**

**-26.00 dB**

**Transmit Freq Error**

**-3.579 kHz**

**x dB Bandwidth**

**3.008 MHz**

**Freq/Channel**

Center Freq  
847.500000 MHz

Start Freq  
844.500000 MHz

Stop Freq  
850.500000 MHz

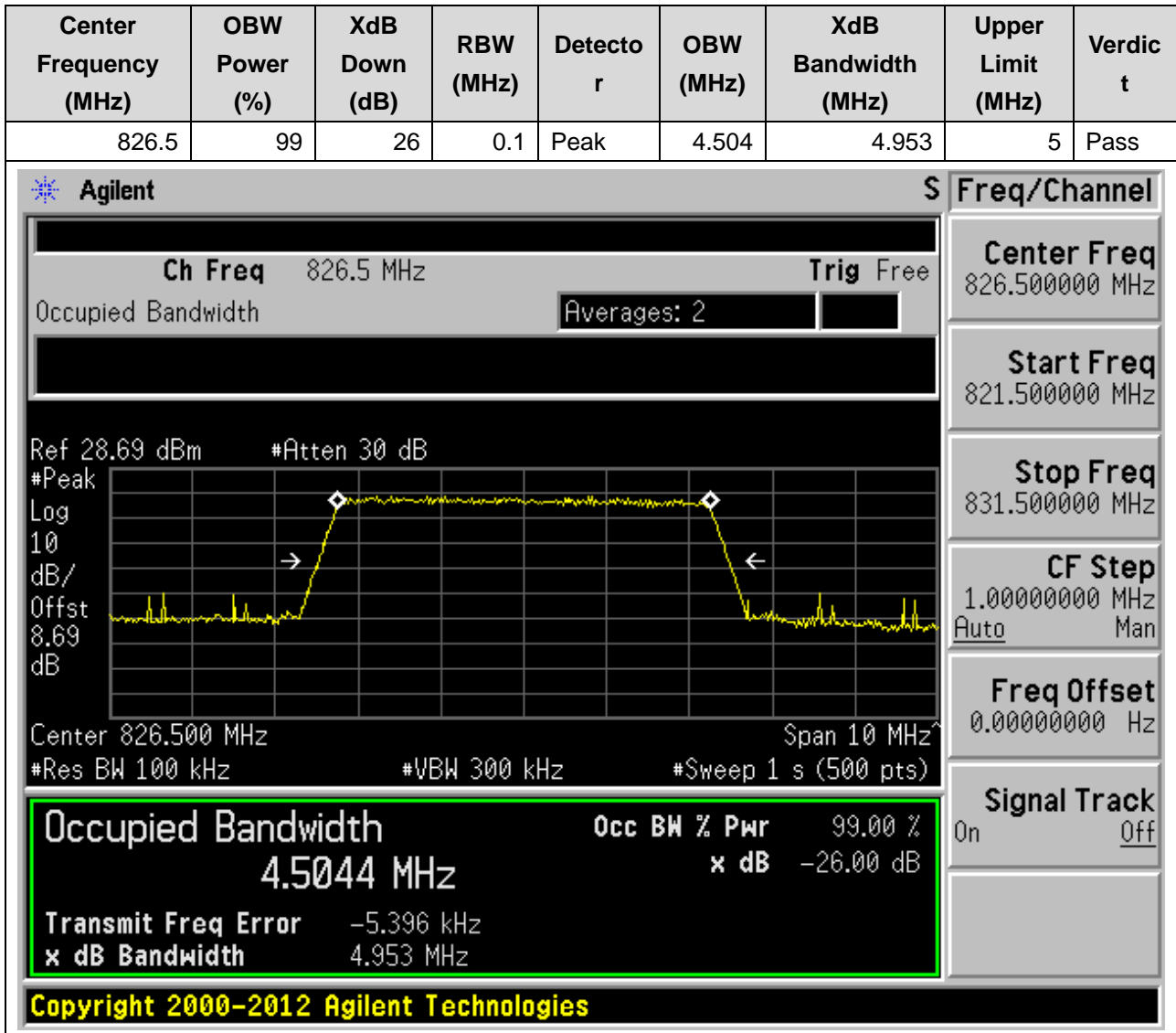
CF Step  
600.000000 kHz  
Auto    Man

Freq Offset  
0.00000000 Hz

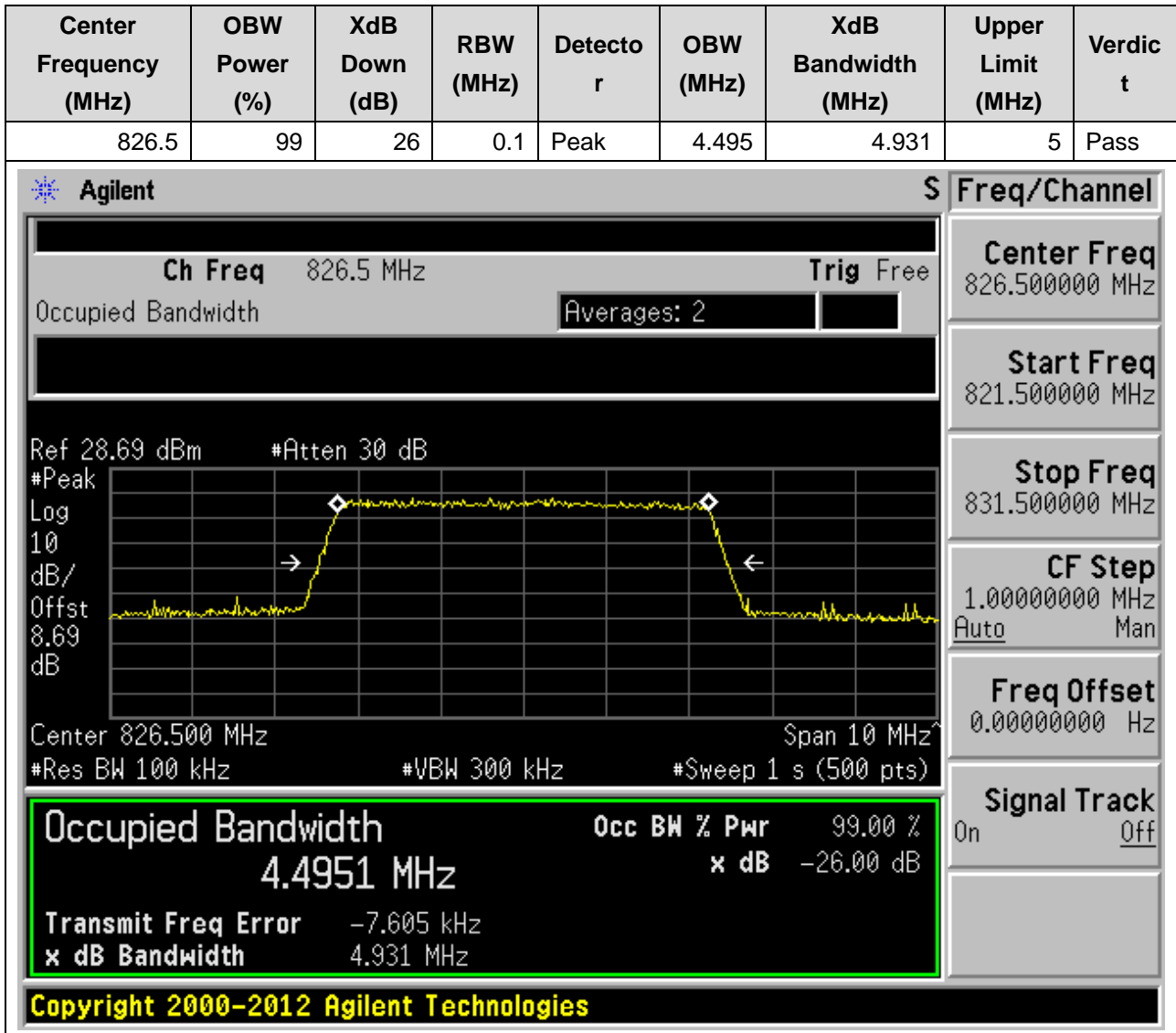
Signal Track  
On    Off

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

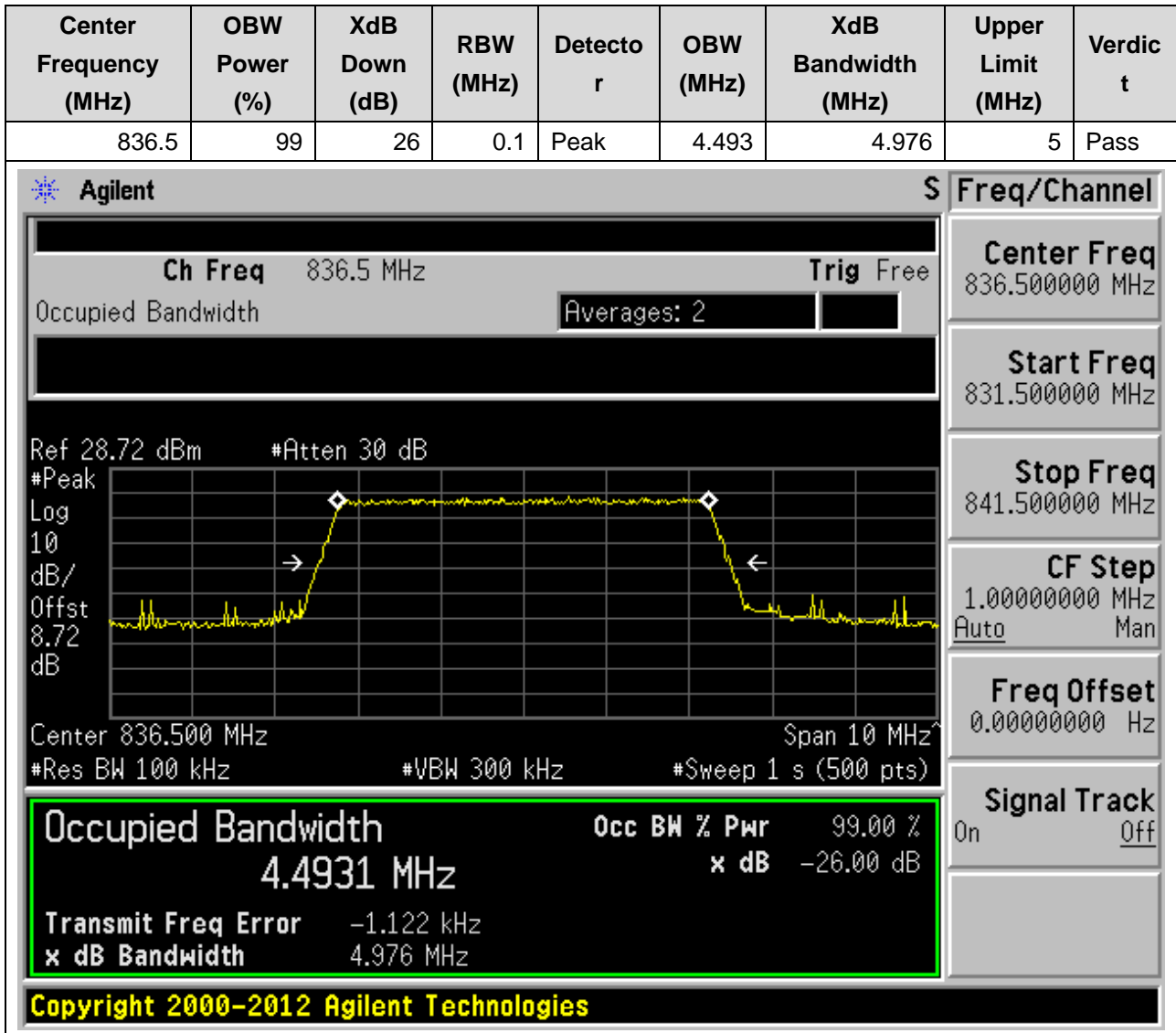


15.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:26815, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

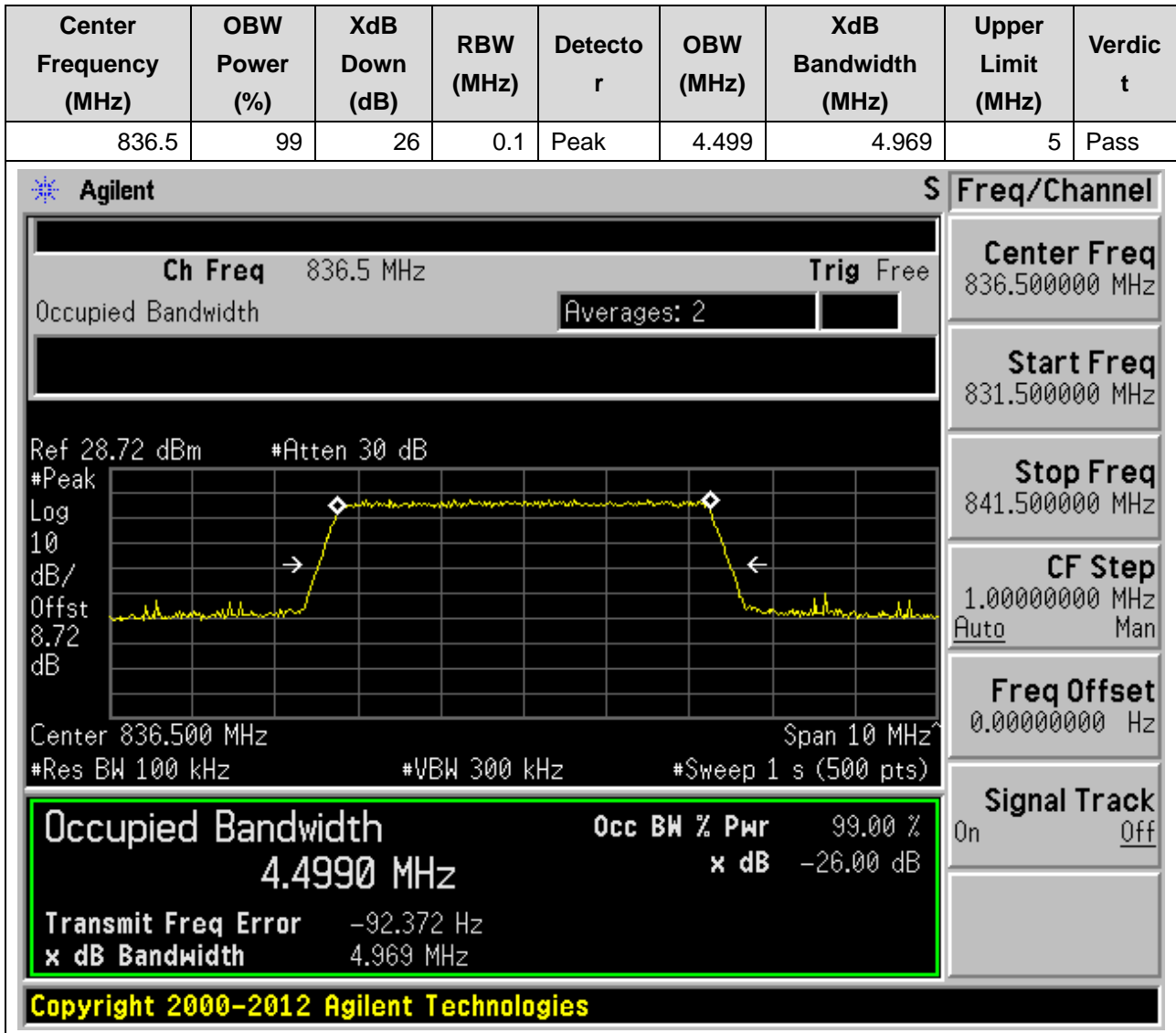




15.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:26915, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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)

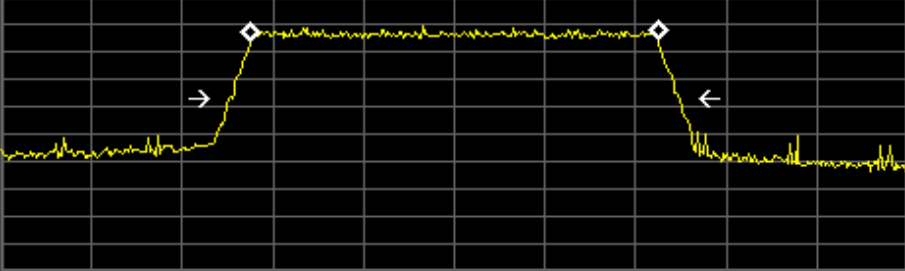
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.494	4.983	5	Pass

Agilent
S Freq/Channel

Ch Freq 846.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.74 dBm    #Atten 30 dB



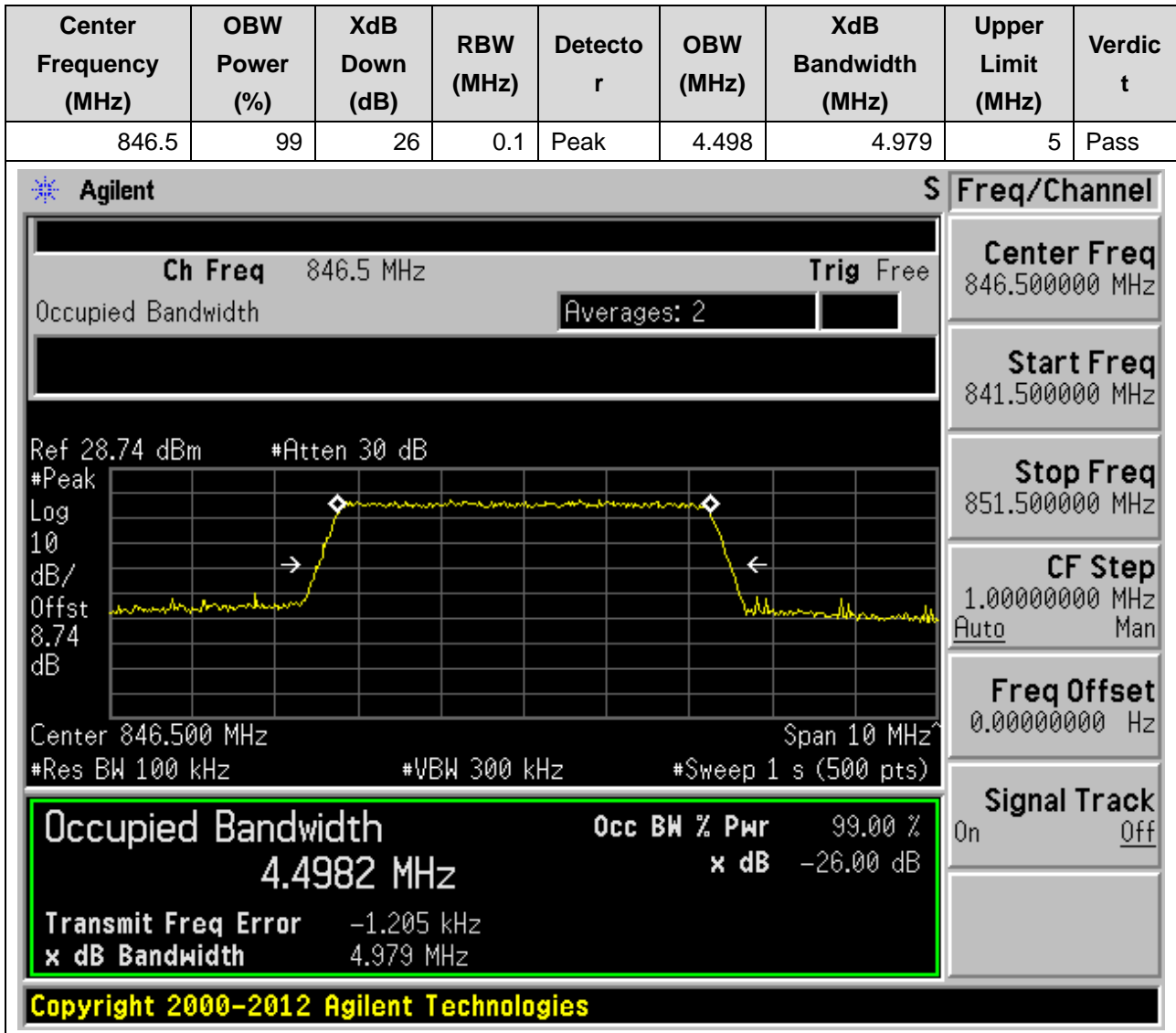
Center 846.500 MHz    Span 10 MHz  
 #Res BW 100 kHz    #VBW 300 kHz    #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4944 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.103 kHz	
x dB Bandwidth	4.983 MHz	

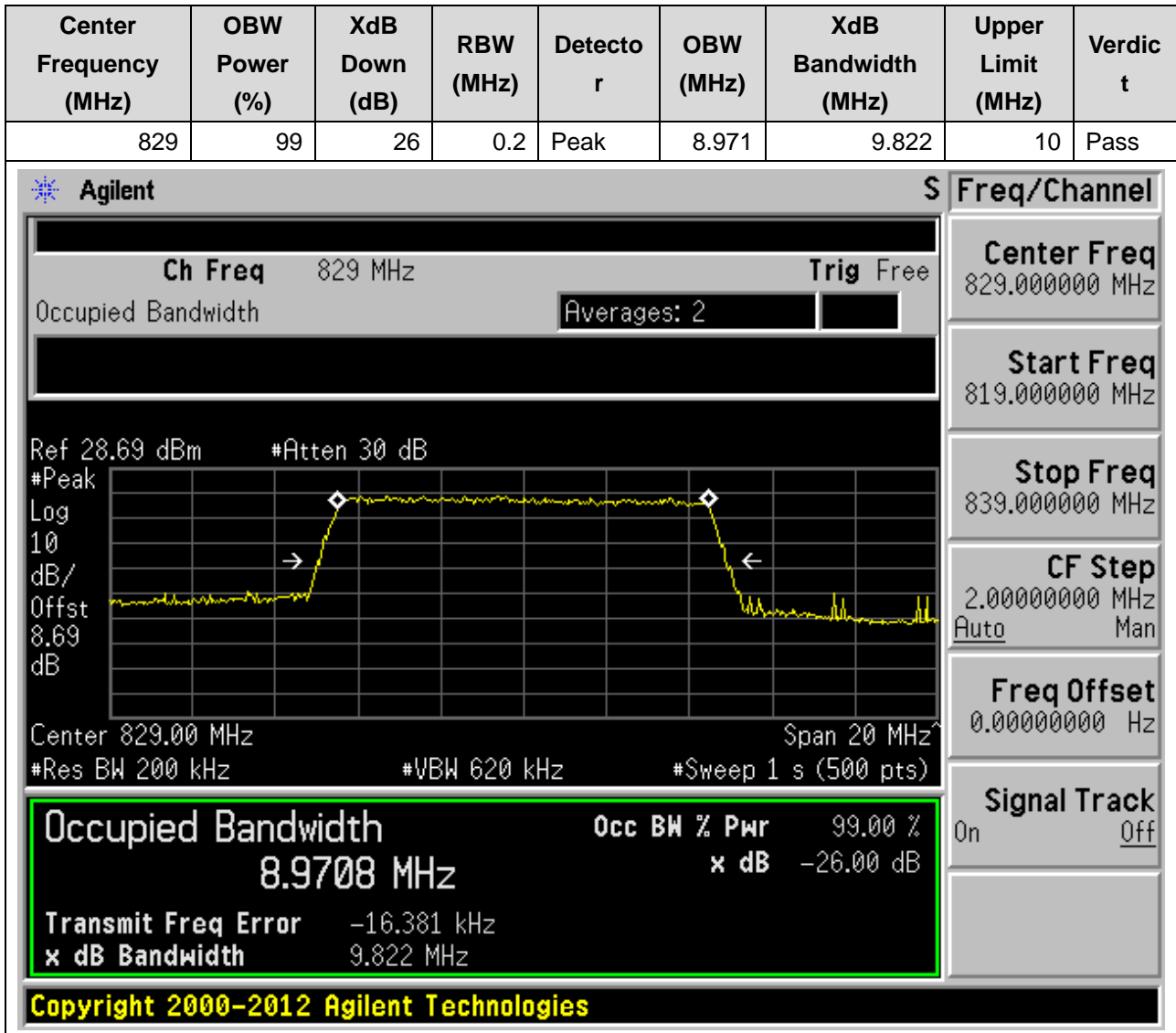
<b>Signal Track</b>
On <u>Off</u>

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**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)**

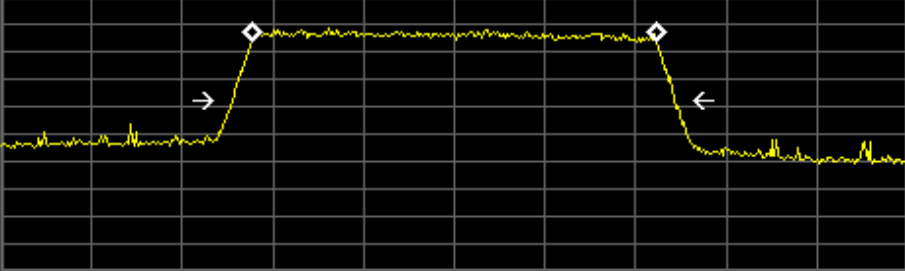
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.945	9.804	10	Pass

Agilent
S Freq/Channel

Ch Freq 829 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 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 %

**8.9450 MHz** x dB -26.00 dB

Transmit Freq Error -10.814 kHz


x dB Bandwidth 9.804 MHz

Signal Track On Off

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

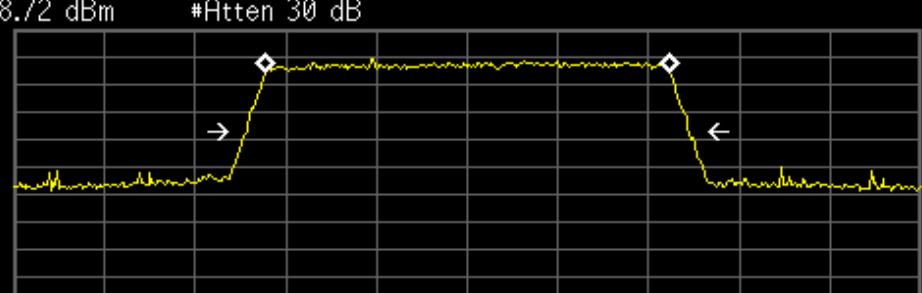
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.941	9.764	10	Pass

 Agilent
S Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.72 dBm #Atten 30 dB



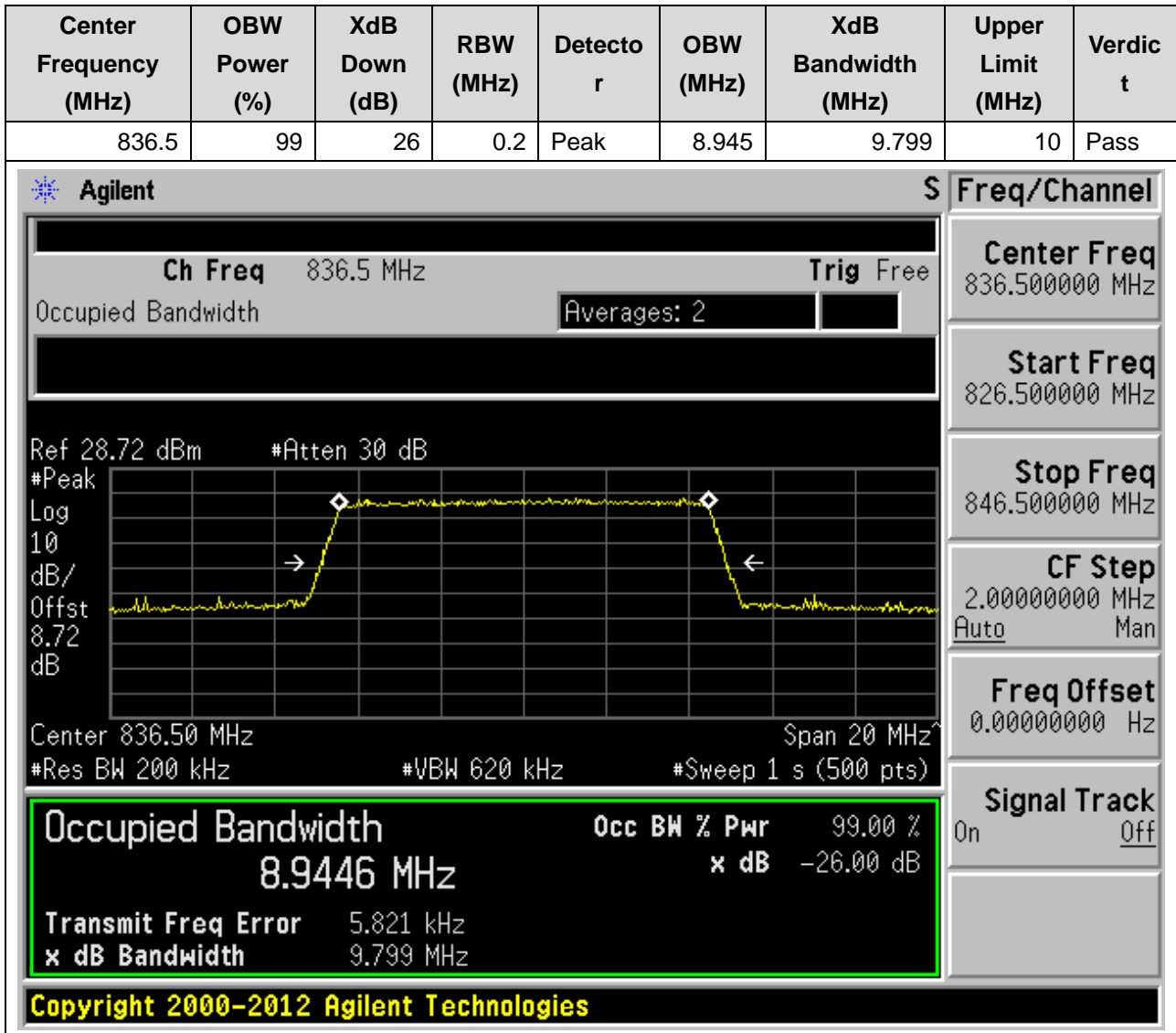
Center 836.50 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9406 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	6.330 kHz	
<b>x dB Bandwidth</b>	9.764 MHz	

<b>Signal Track</b>	On <u>Off</u>
---------------------	---------------

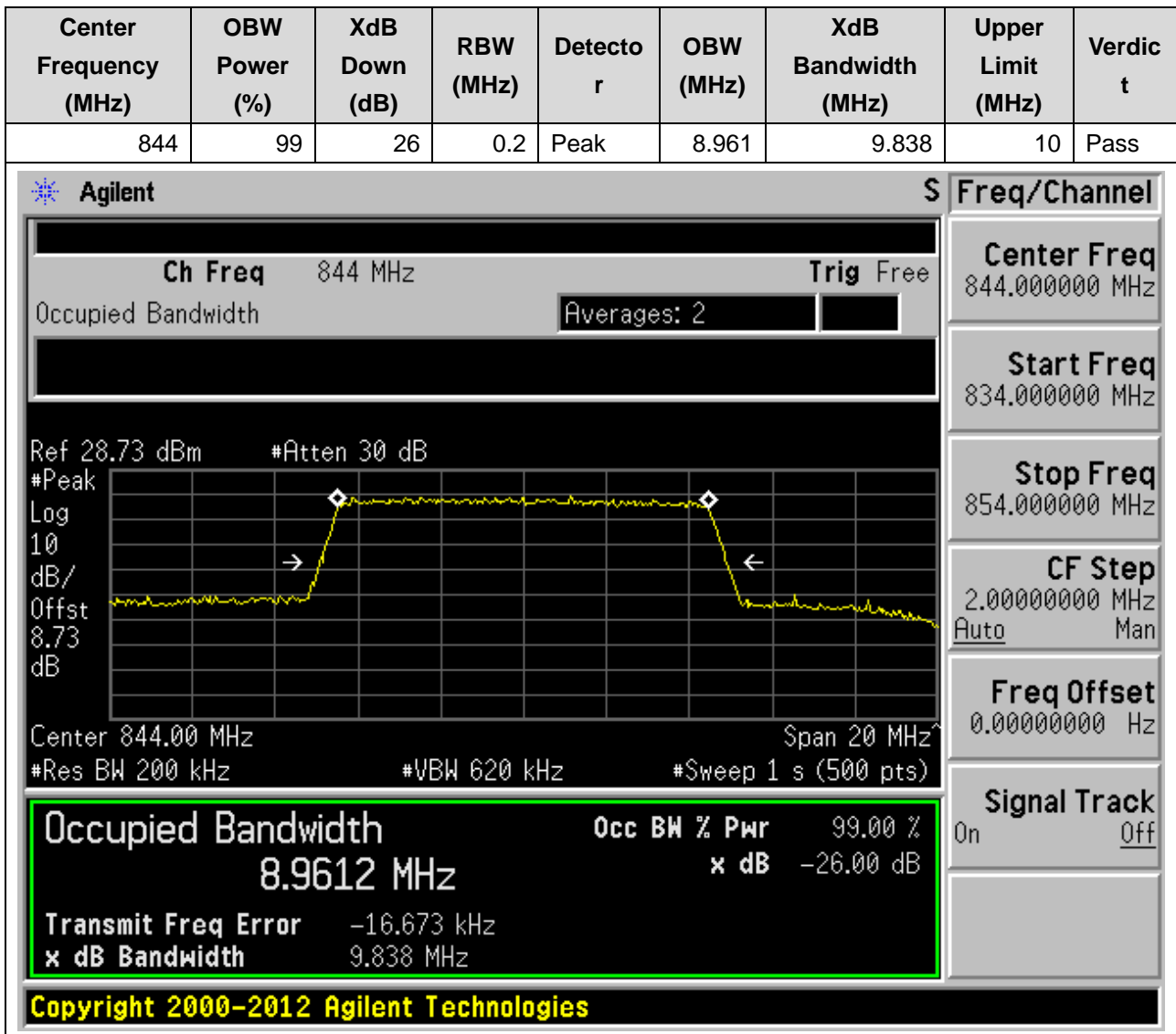
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15.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:26915, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)





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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.948	9.772	10	Pass

Agilent
S Freq/Channel

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.73 dBm #Atten 30 dB

Center 844.00 MHz Span 20 MHz

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

**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**

**8.9485 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

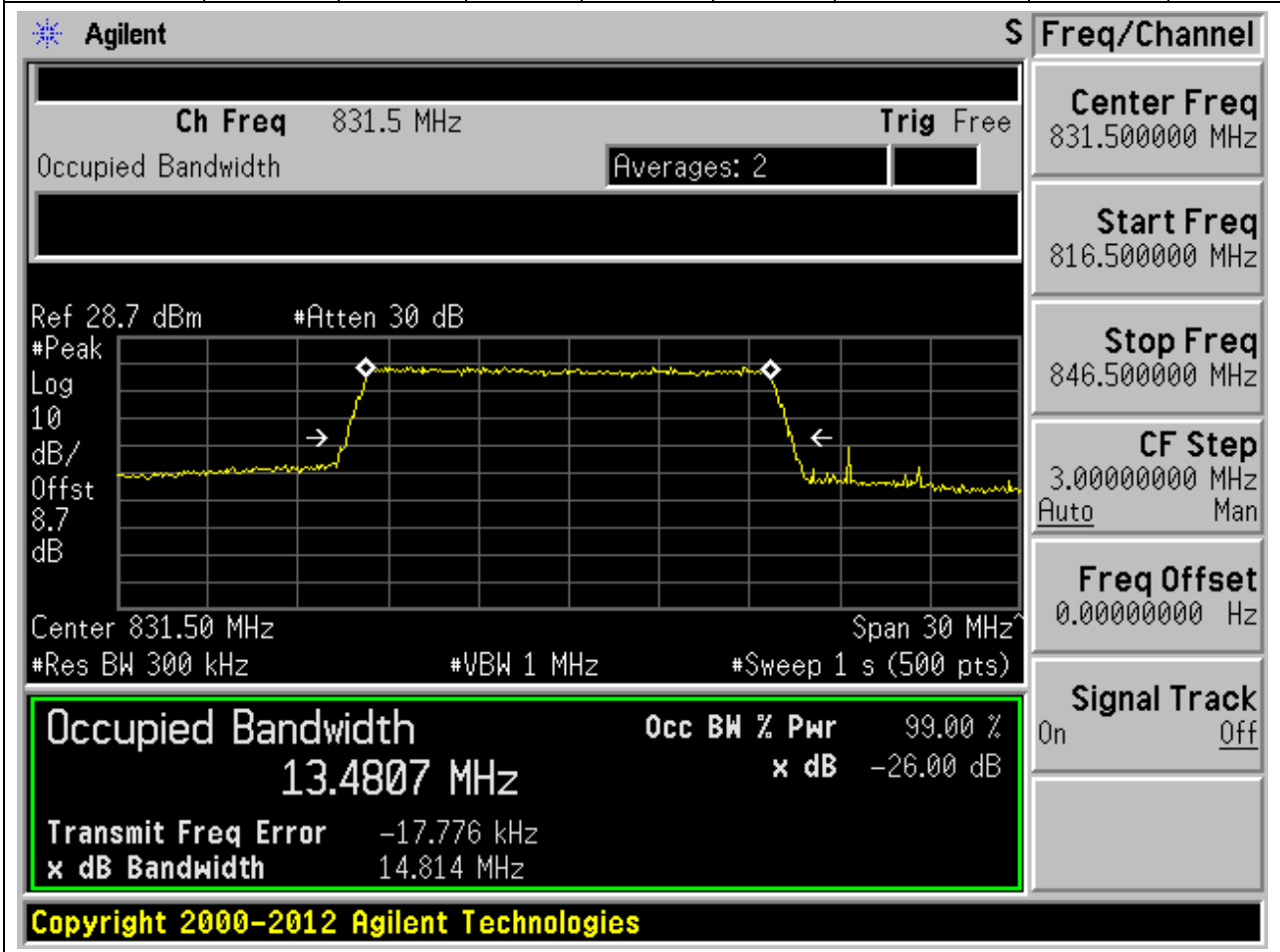
**Transmit Freq Error** -19.908 kHz

**x dB Bandwidth** 9.772 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.481	14.814	15	Pass



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

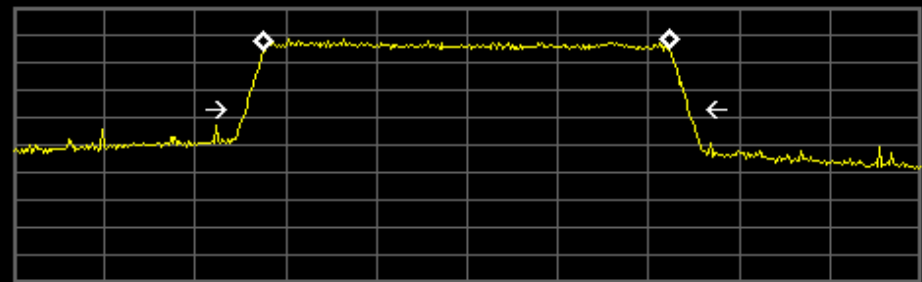
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.466	14.692	15	Pass

 Agilent
S Freq/Channel

Ch Freq 831.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.7 dBm #Atten 30 dB



Center 831.50 MHz Span 30 MHz  
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

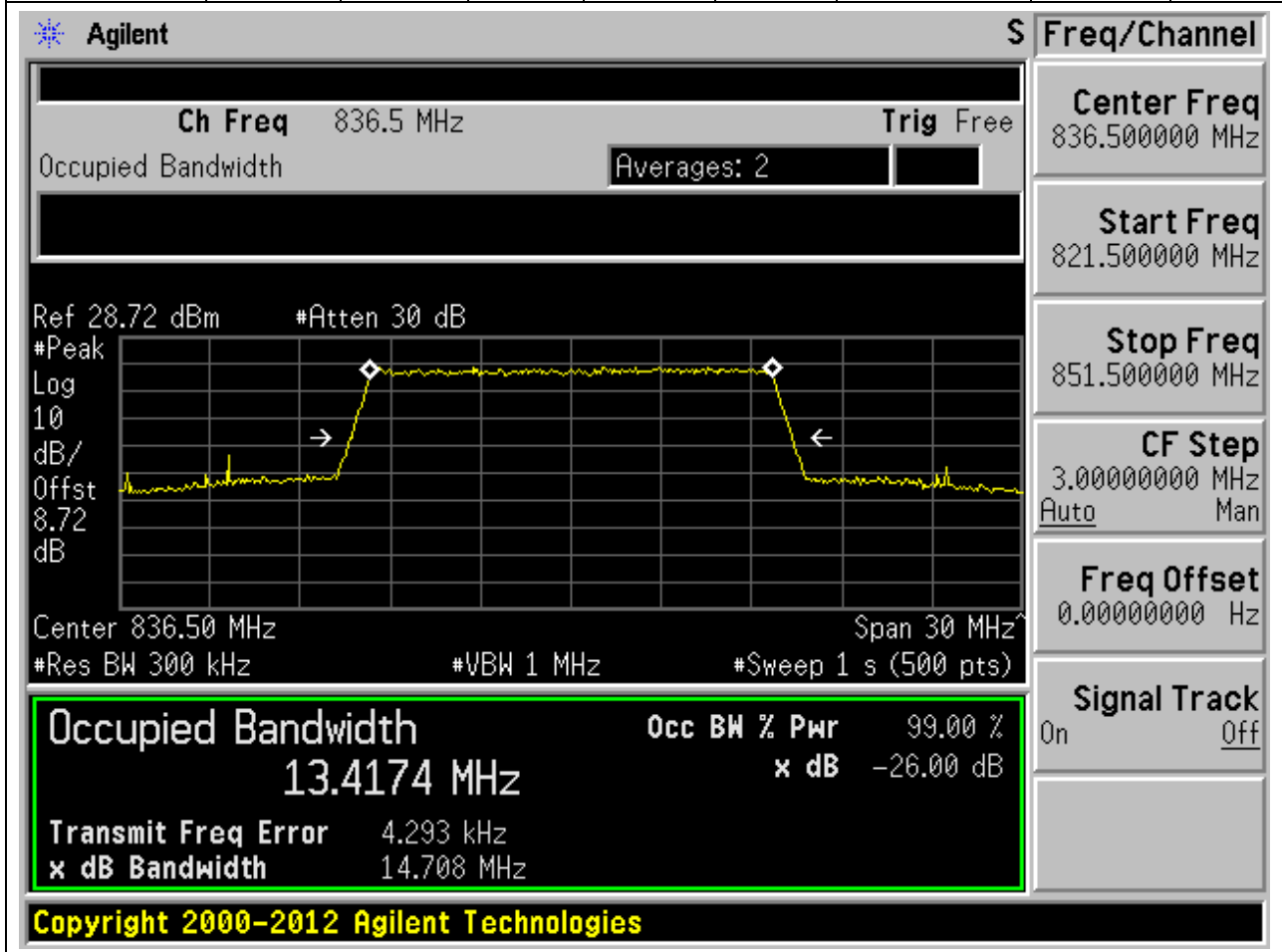
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4659 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.534 kHz	
x dB Bandwidth	14.692 MHz	

<b>Signal Track</b>	On <u>Off</u>
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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	13.417	14.708	15	Pass



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	13.437	14.659	15	Pass

 Agilent
S

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

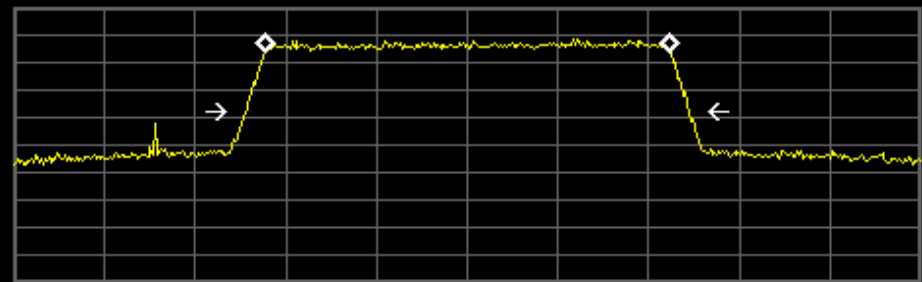
Ref 28.72 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.72

dB



Center 836.50 MHz
Span 30 MHz

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

**Occupied Bandwidth**

**13.4371 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 13.508 kHz

x dB Bandwidth 14.659 MHz

Signal Track
On Off

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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.3	Peak	13.388	14.669	15	Pass

 Agilent
S

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

Occupied Bandwidth
Averages: 2

Ref 28.73 dBm
#Atten 30 dB

#Peak

Log

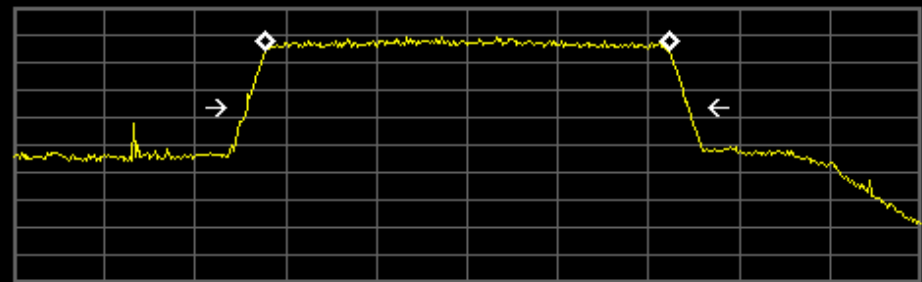
10

dB/

Offst

8.73

dB



Center 841.50 MHz
Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.3878 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.857 kHz	
<b>x dB Bandwidth</b>	14.669 MHz	

**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

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

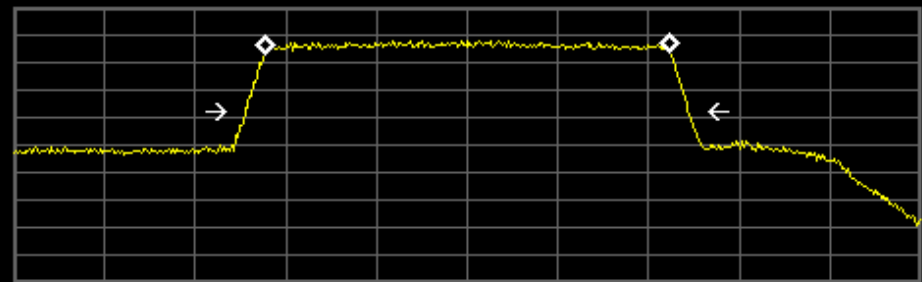
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.3	Peak	13.414	14.684	15	Pass

 Agilent
S Freq/Channel

Ch Freq 841.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.73 dBm #Atten 30 dB



Center 841.50 MHz Span 30 MHz  
 #Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4139 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.215 kHz	
<b>x dB Bandwidth</b>	14.684 MHz	

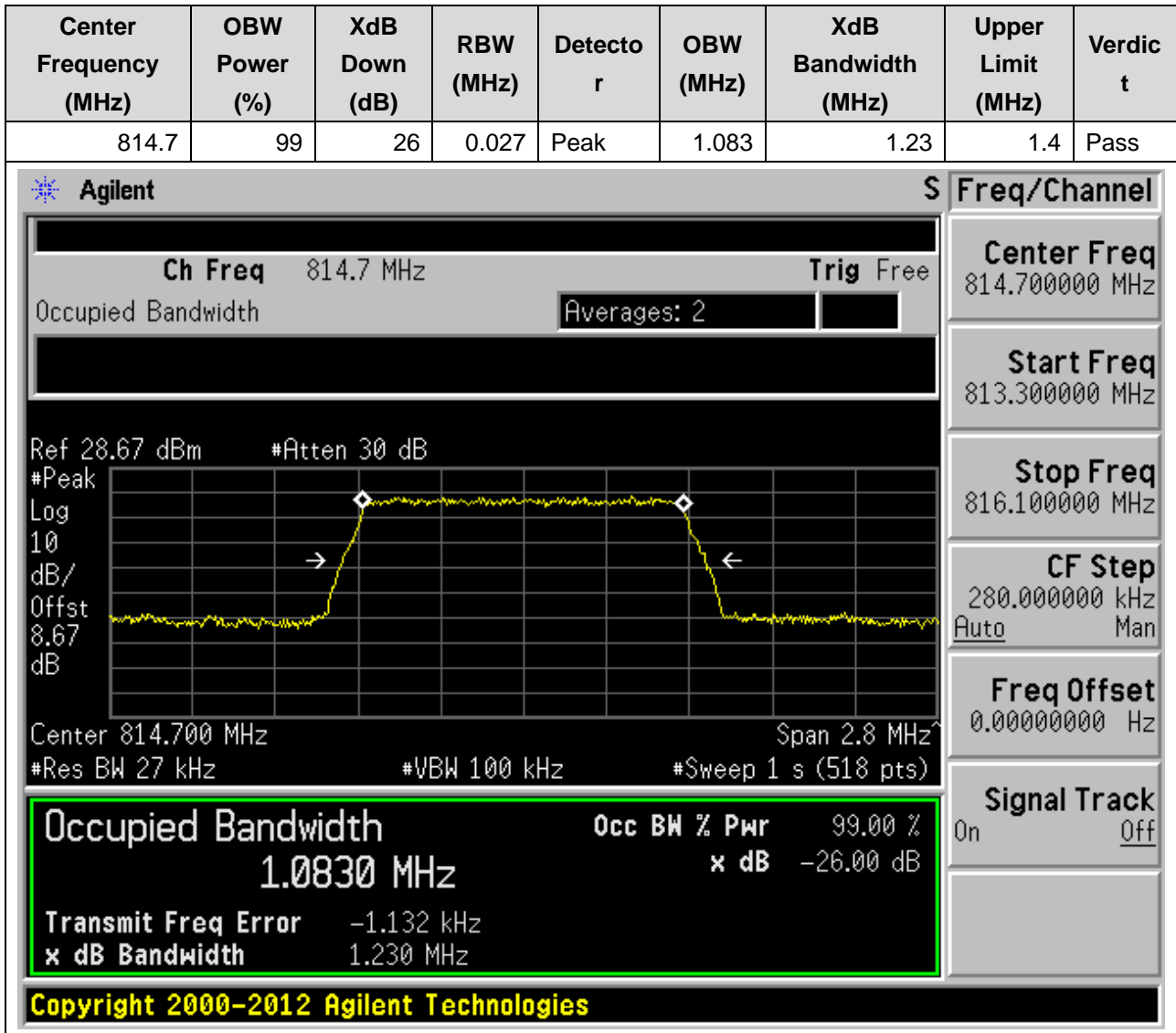
<b>Signal Track</b>	On <u>Off</u>
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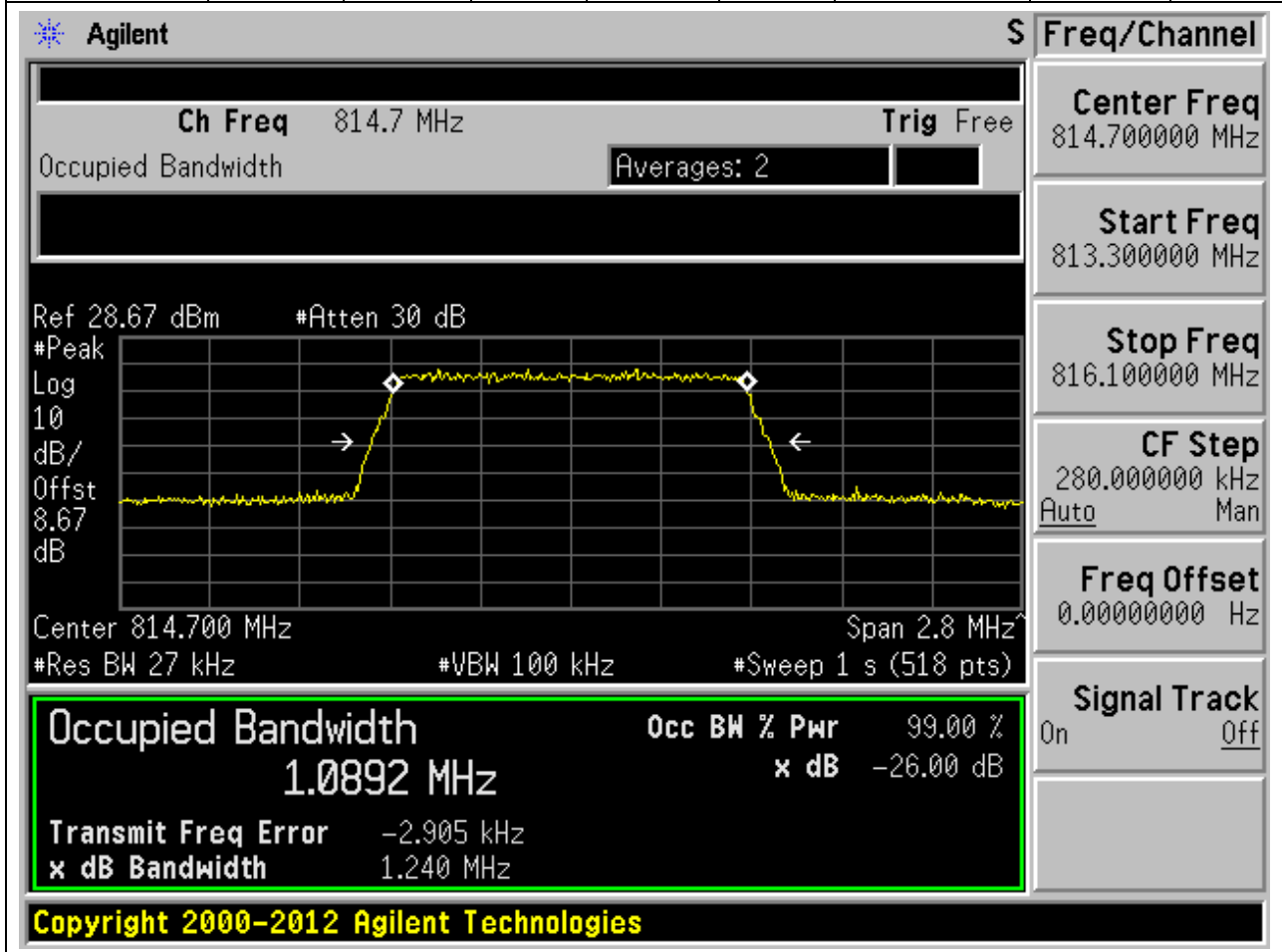
## 16. LTE\_Band26(part90)

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



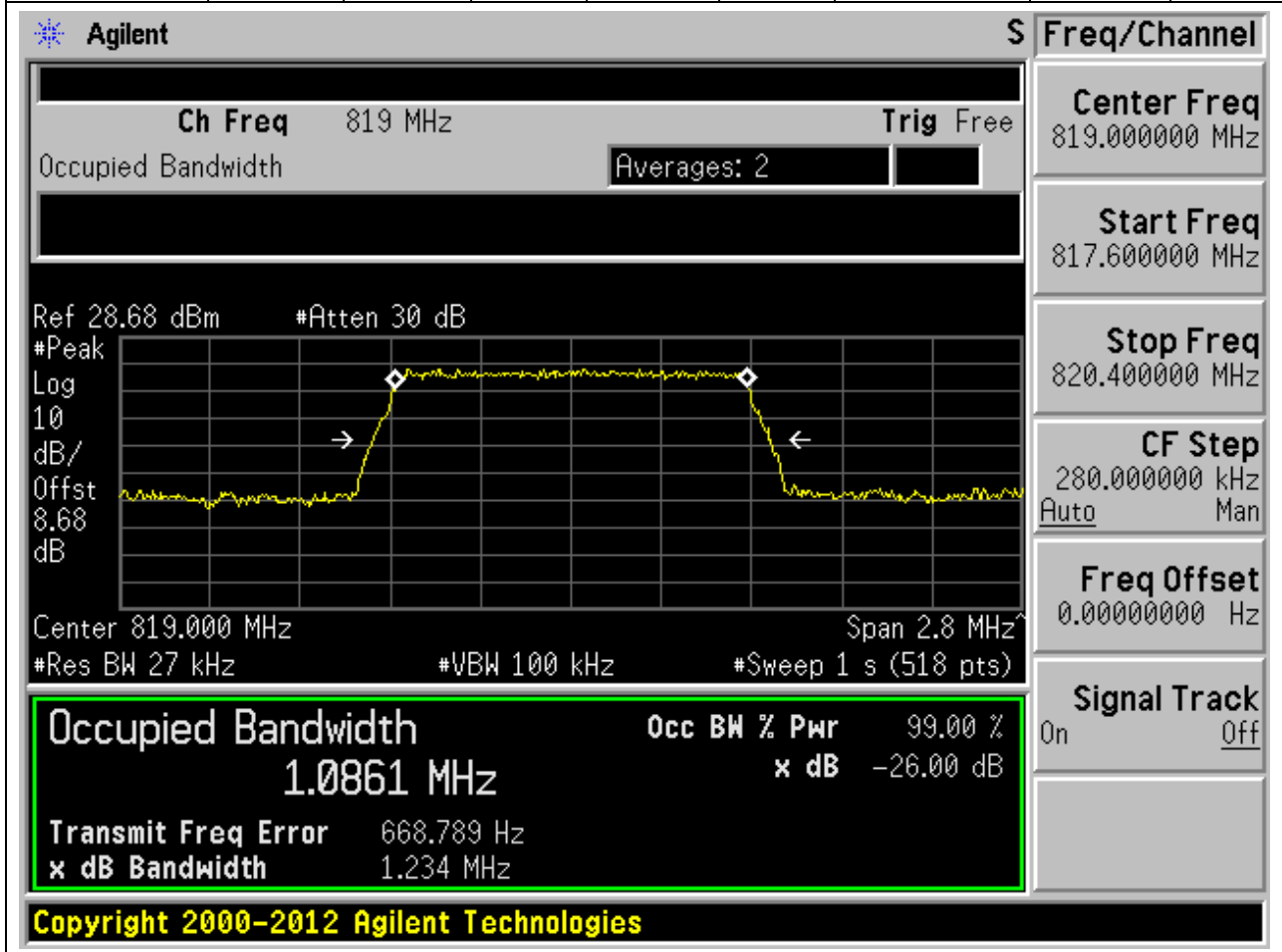
**16.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:26697, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.24	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.027	Peak	1.086	1.234	1.4	Pass



**Agilent** S Freq/Channel

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.68 dB

Center 819.000 MHz Span 2.8 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
1.0861 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	668.789 Hz	
<b>x dB Bandwidth</b>	1.234 MHz	

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Center Freq 819.000000 MHz

Start Freq 817.600000 MHz

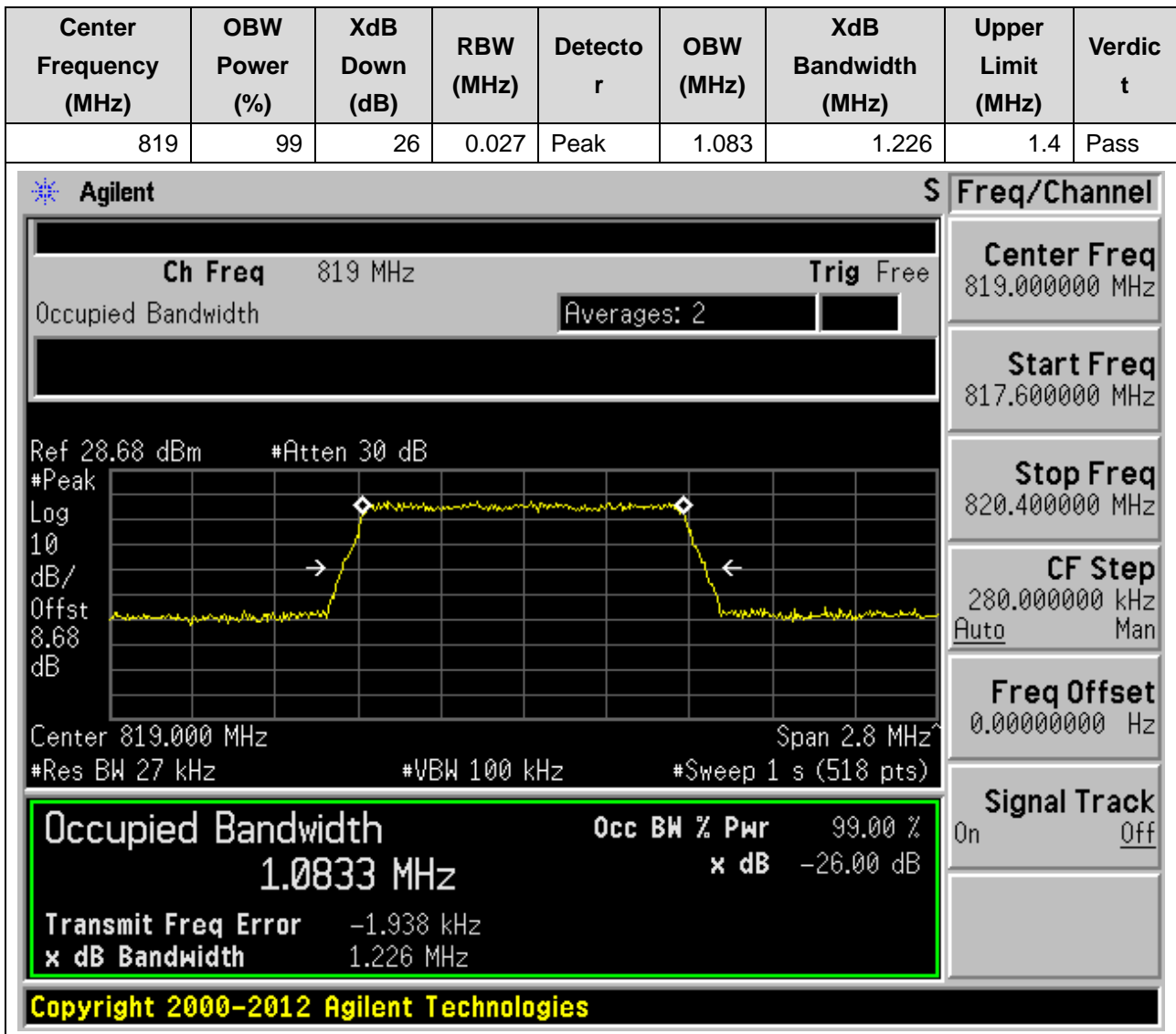
Stop Freq 820.400000 MHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

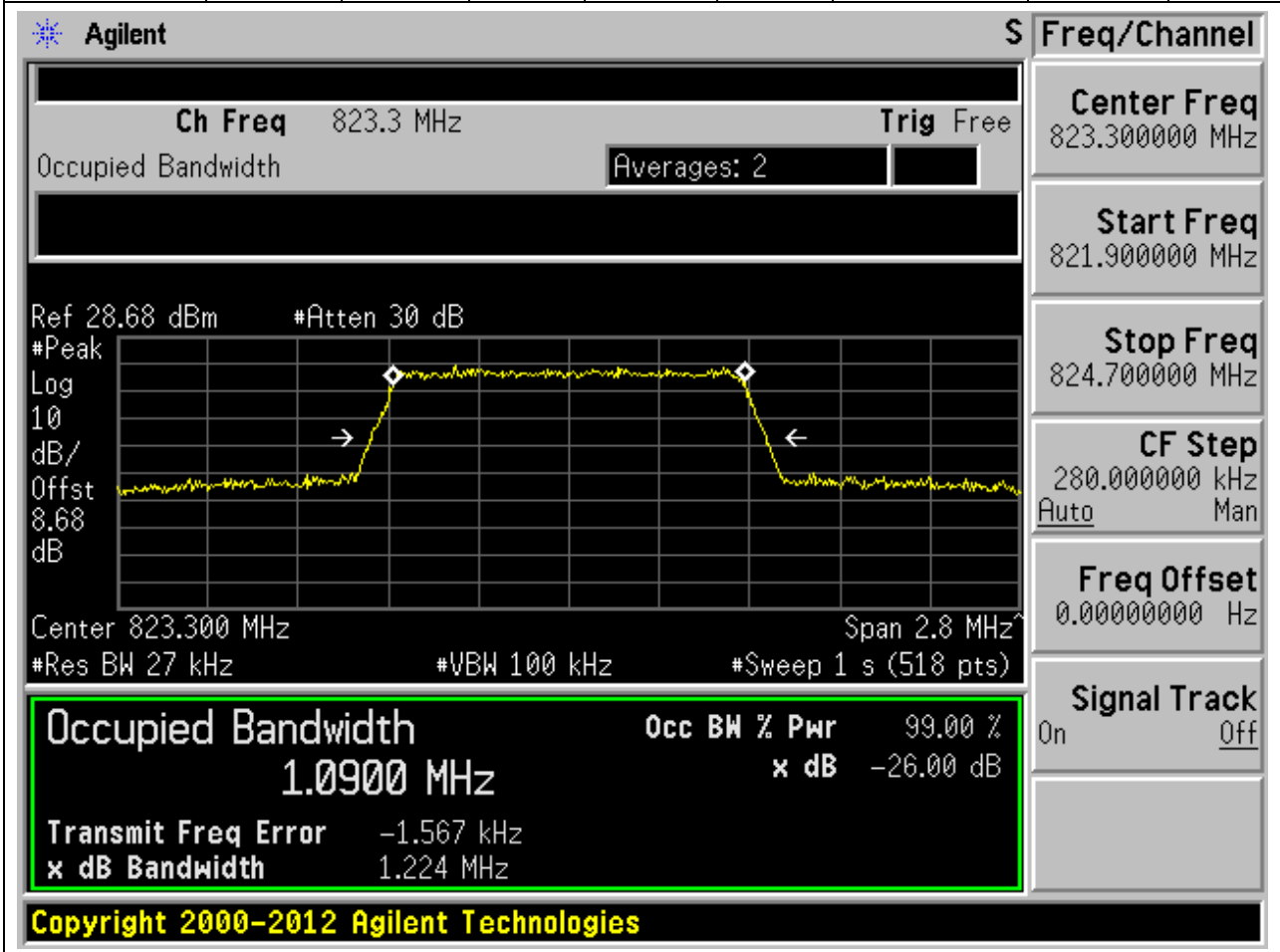
Signal Track On Off

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



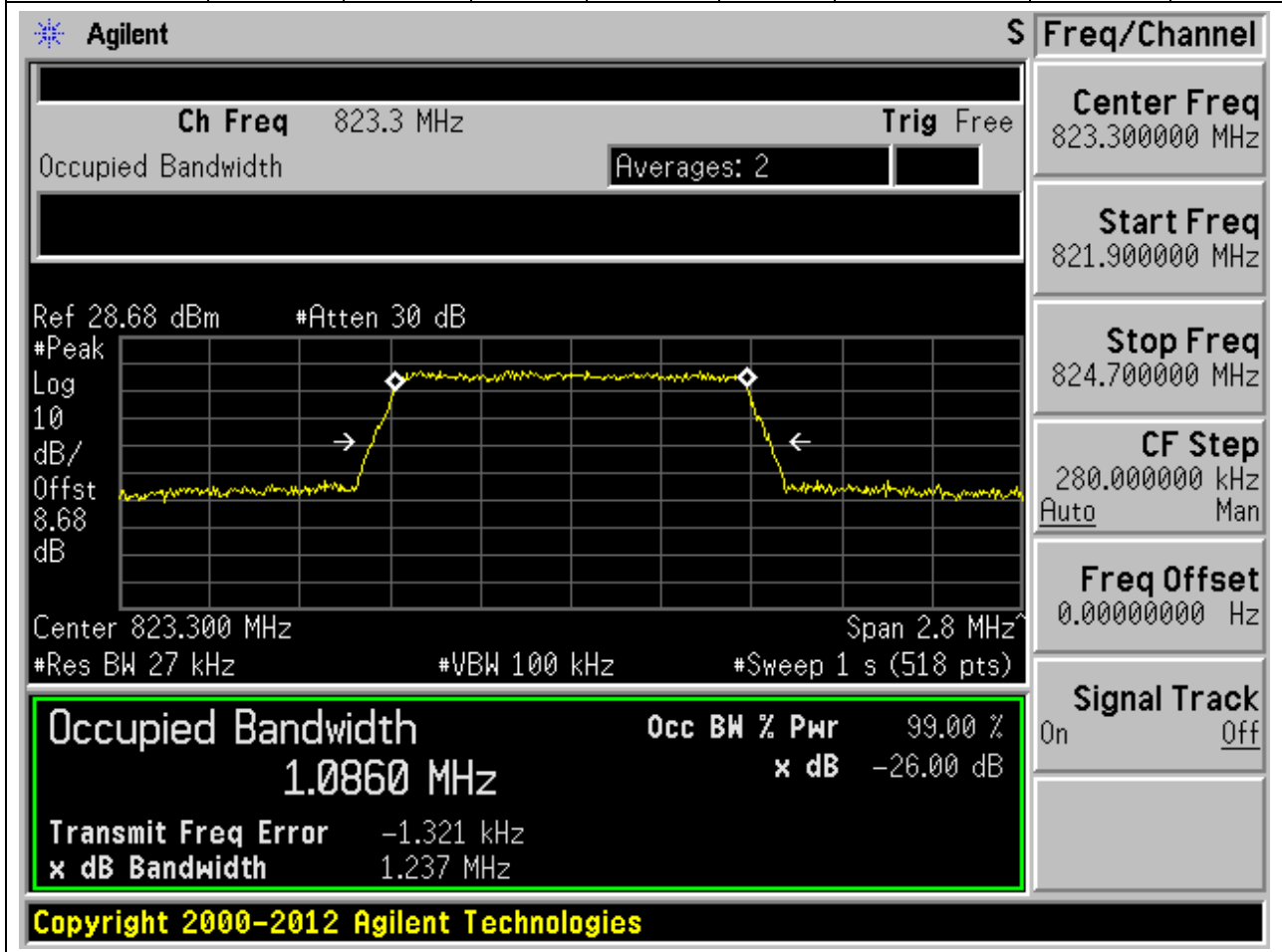
**16.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:26783, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
823.3	99	26	0.027	Peak	1.09	1.224	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
823.3	99	26	0.027	Peak	1.086	1.237	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.703	2.995	3	Pass

**Agilent**
S

**Ch Freq** 815.5 MHz

Occupied Bandwidth

**Trig** Free

Averages: 2

**Freq/Channel**

**Center Freq**  
815.500000 MHz

**Start Freq**  
812.500000 MHz

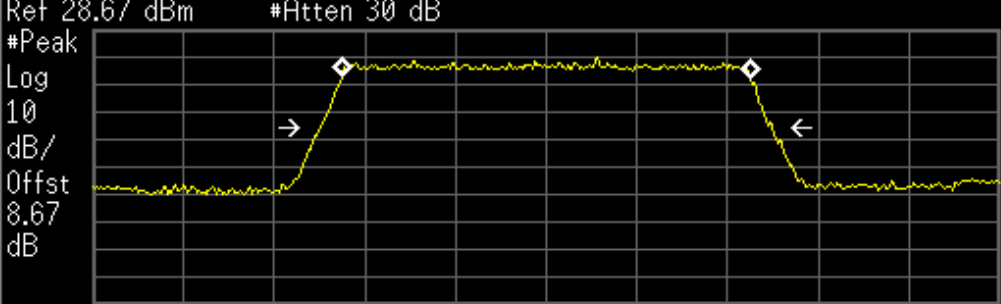
**Stop Freq**  
818.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 28.67 dBm #Atten 30 dB



Occupied Bandwidth

2.7025 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

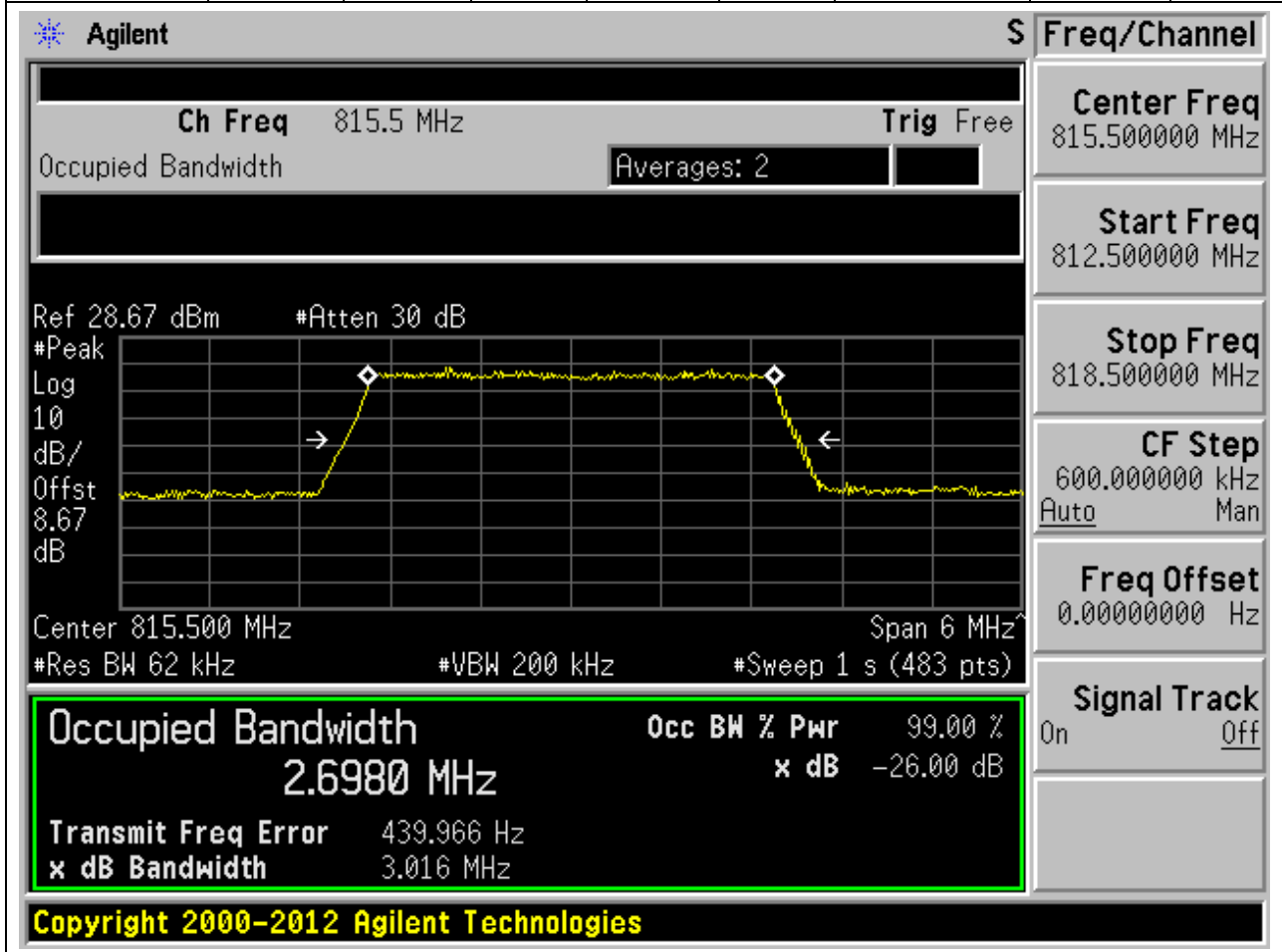
Transmit Freq Error -4.164 kHz

x dB Bandwidth 2.995 MHz

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

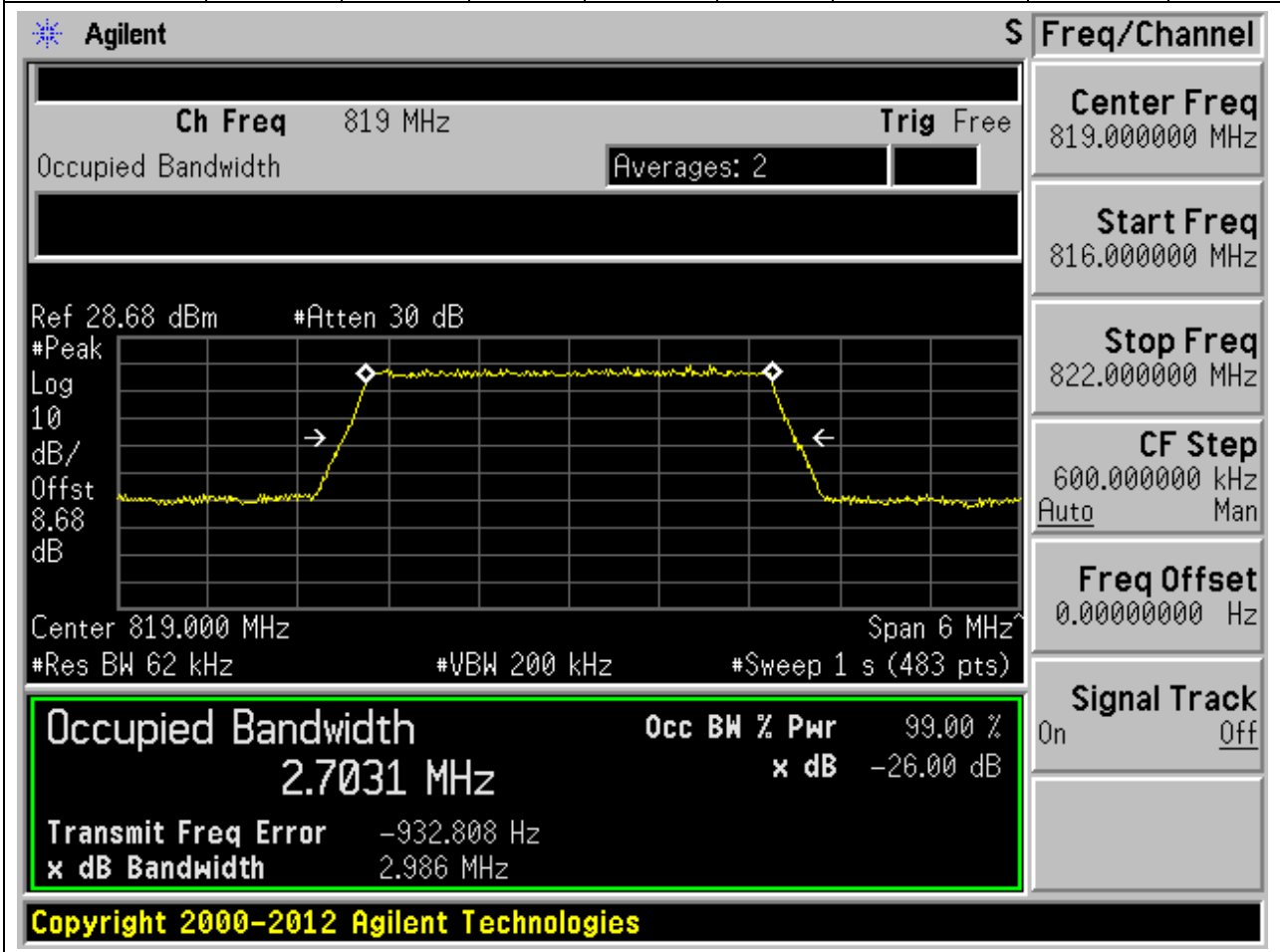
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.698	3.016	3	Pass





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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.062	Peak	2.703	2.986	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.062	Peak	2.698	3.013	3	Pass

**Agilent** S

---

**Ch Freq** 819 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.68 dBm #Atten 30 dB

#Peak

Log

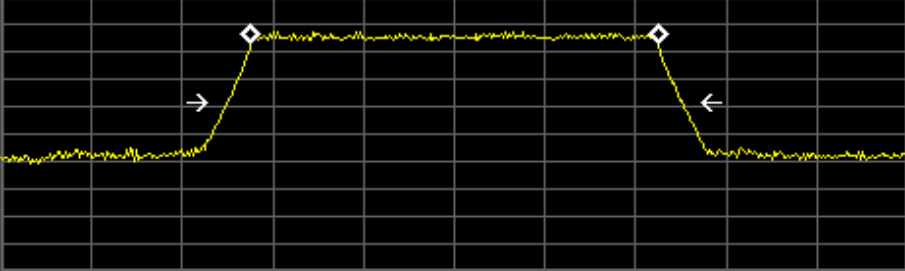
10

dB/

Offst

8.68

dB



Center 819.000 MHz Span 6 MHz

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

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6984 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.702 kHz	
<b>x dB Bandwidth</b>	3.013 MHz	

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**Freq/Channel**

**Center Freq**  
819.000000 MHz

**Start Freq**  
816.000000 MHz

**Stop Freq**  
822.000000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

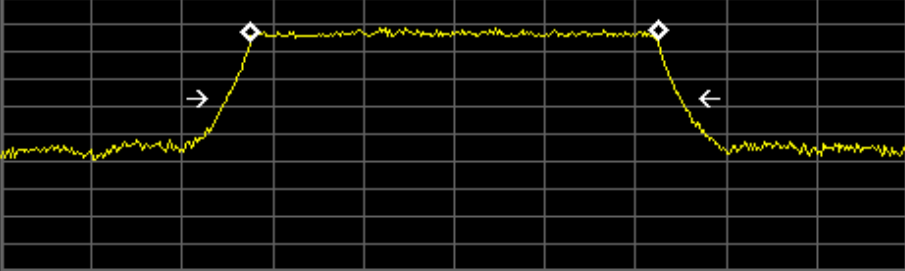
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
822.5	99	26	0.062	Peak	2.701	3.003	3	Pass

Agilent
S

Ch Freq 822.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm #Atten 30 dB



Center 822.500 MHz Span 6 MHz

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

**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

**Occupied Bandwidth**

**2.7008 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.531 kHz

x dB Bandwidth 3.003 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
822.5	99	26	0.062	Peak	2.695	3.013	3	Pass

**Agilent** S

---

**Ch Freq** 822.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.68 dBm #Atten 30 dB

#Peak

Log

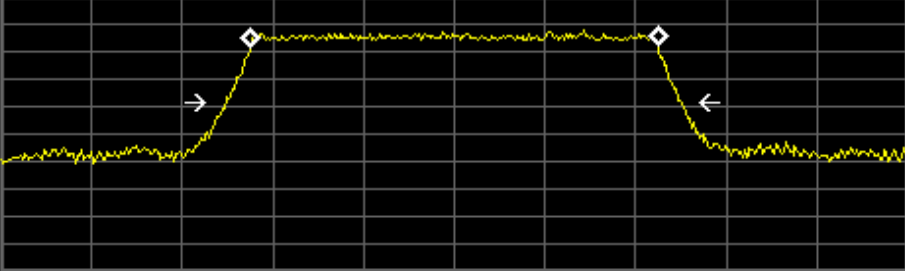
10

dB/

Offst

8.68

dB



Center 822.500 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz

#Sweep 1 s (483 pts)

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6947 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.953 kHz	
<b>x dB Bandwidth</b>	3.013 MHz	

---

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**Freq/Channel**

**Center Freq**  
822.500000 MHz

**Start Freq**  
819.500000 MHz

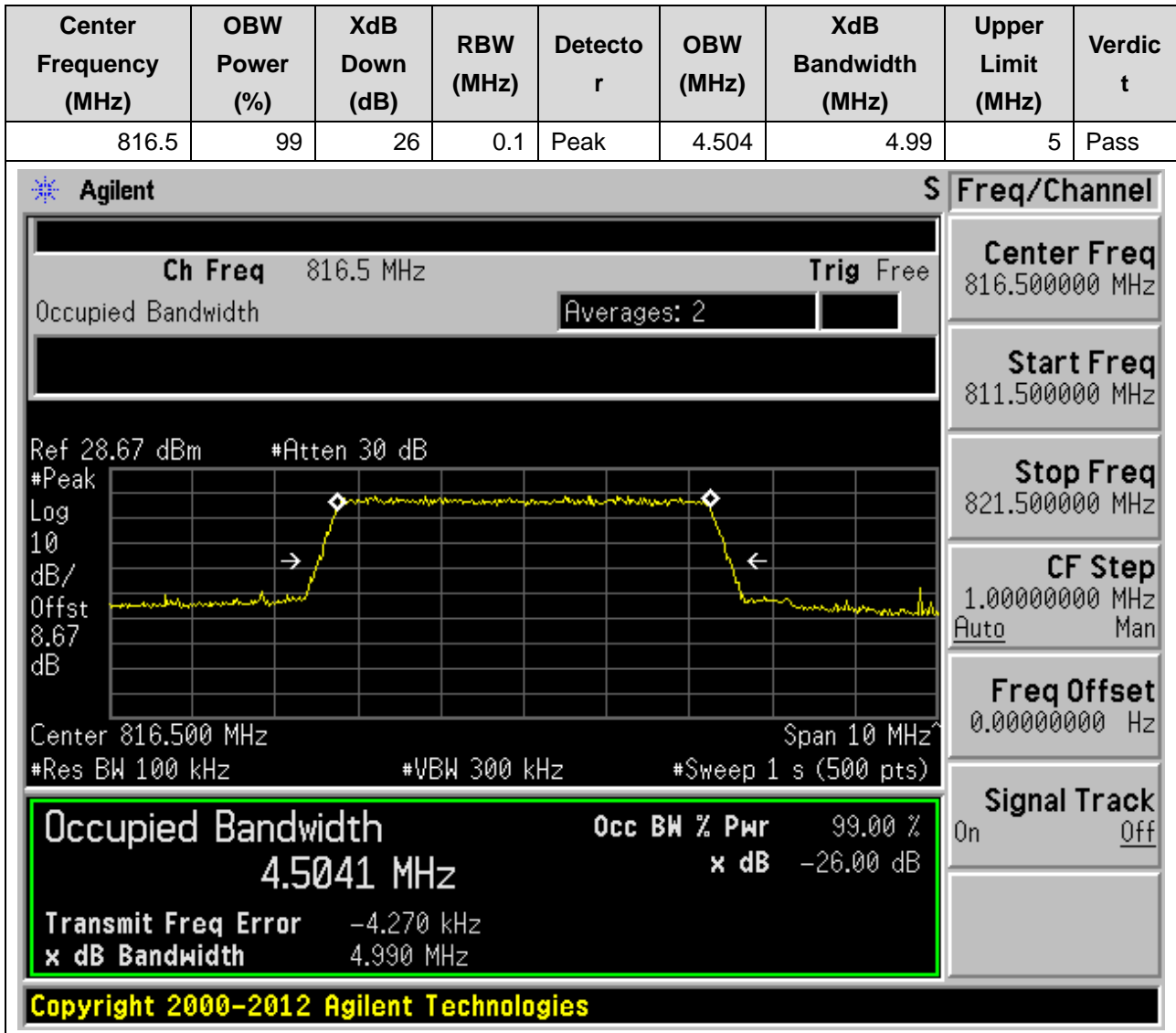
**Stop Freq**  
825.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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



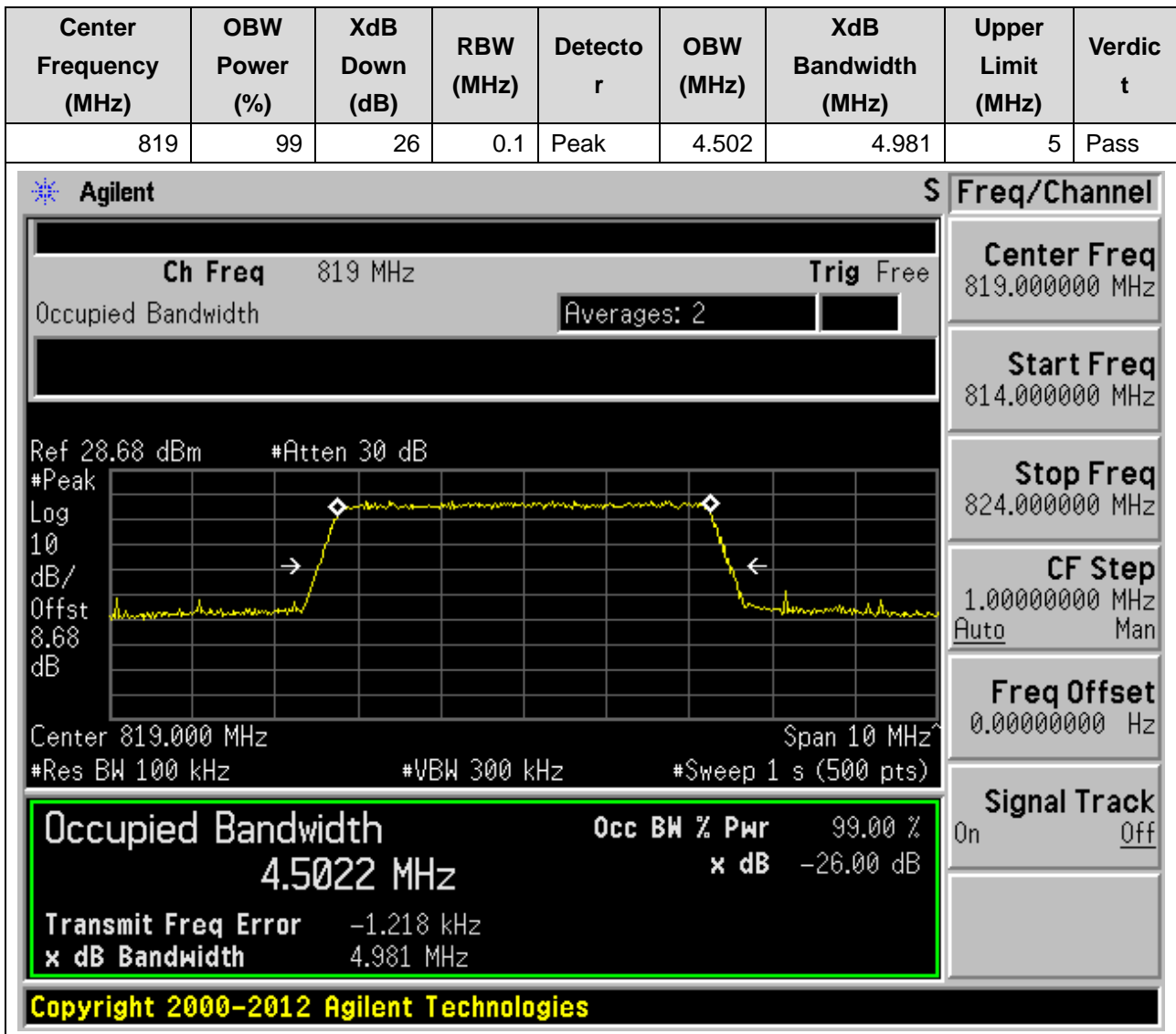
**16.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:26715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



16.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:26740, Bandwidth:5, Modulation:QPSK, 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)**

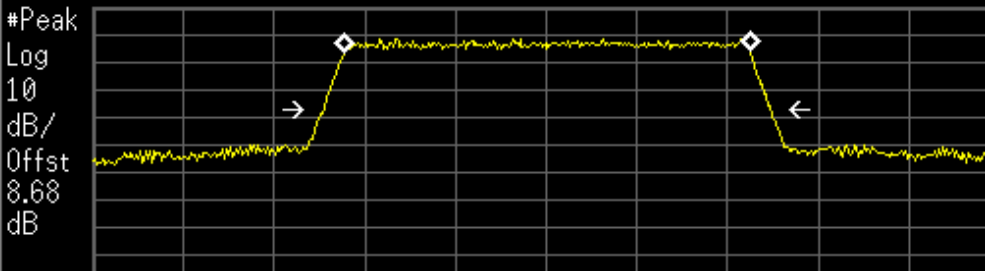
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.486	4.942	5	Pass

 Agilent
S Freq/Channel

Ch Freq 821.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.68 dBm #Atten 30 dB



Center 821.500 MHz Span 10 MHz  
 #Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)


<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4862 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.835 kHz	
<b>x dB Bandwidth</b>	4.942 MHz	

<b>Freq Offset</b>	0.00000000 Hz
<b>Signal Track</b>	On <u>Off</u>

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.494	4.986	5	Pass

 Agilent
S

**Ch Freq** 821.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm    #Atten 30 dB

#Peak

Log

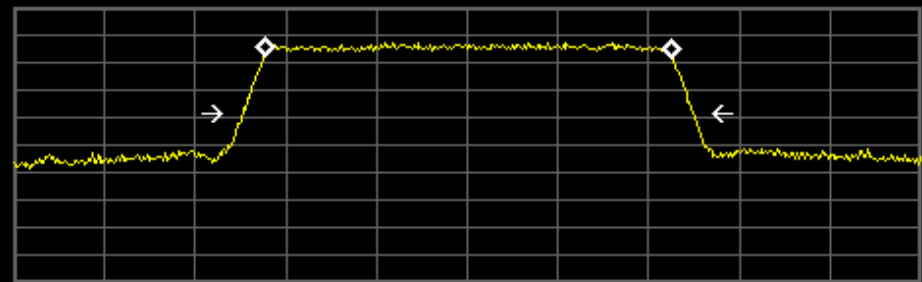
10

dB/

Offst

8.68

dB



Center 821.500 MHz    Span 10 MHz

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

**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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4941 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.742 kHz	
<b>x dB Bandwidth</b>	4.986 MHz	

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

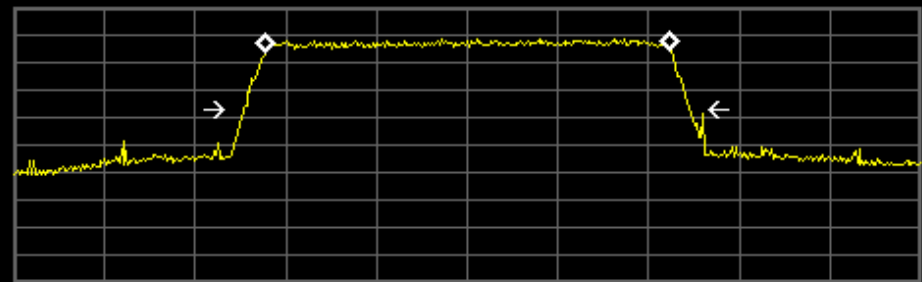
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.2	Peak	8.96	9.879	10	Pass

 Agilent
S Freq/Channel

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm #Atten 30 dB



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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9603 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.992 kHz	
<b>x dB Bandwidth</b>	9.879 MHz	

<b>Signal Track</b>	On <u>Off</u>
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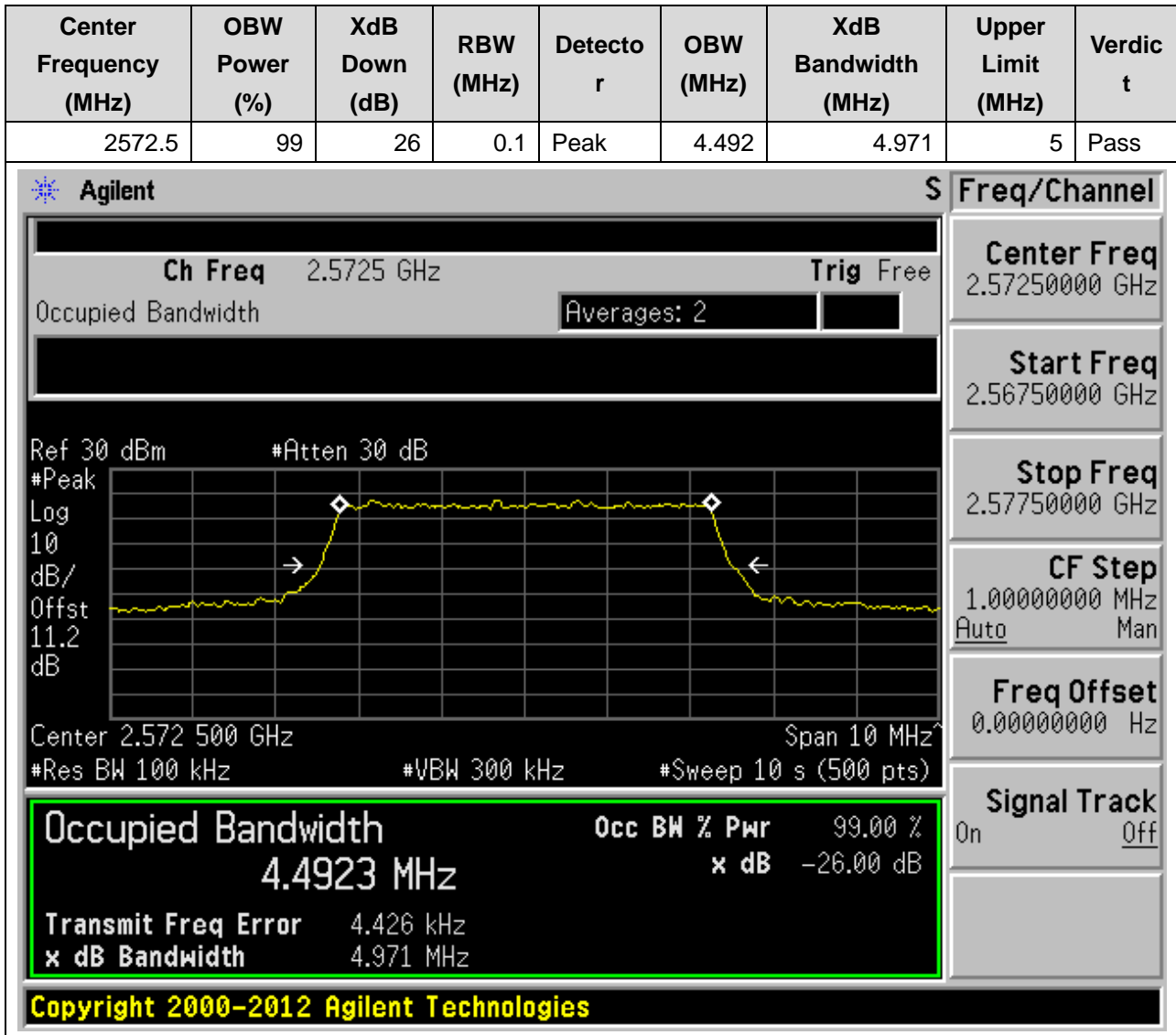
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**16.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**



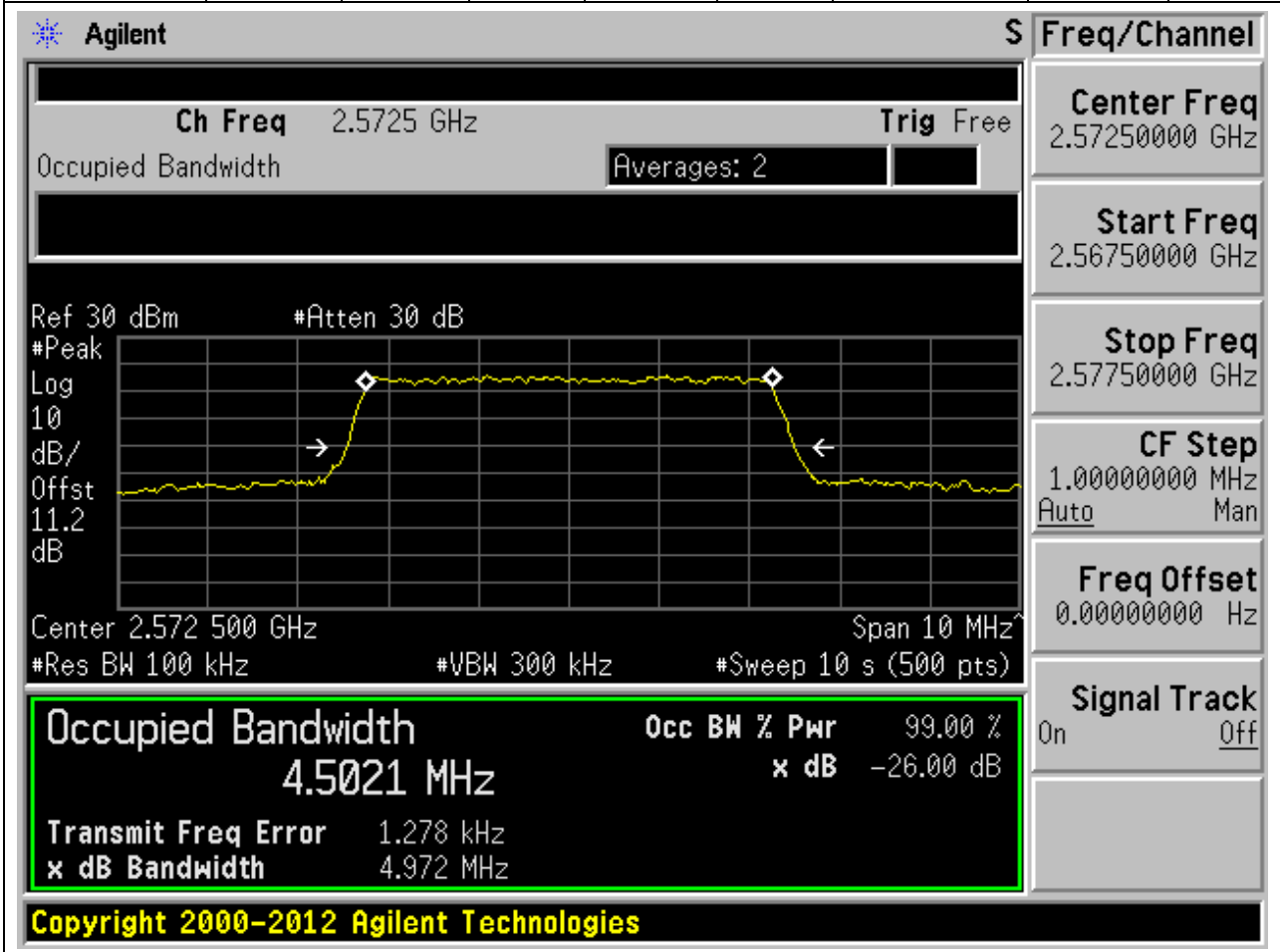
## 17. LTE\_Band38

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	4.502	4.972	5	Pass



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

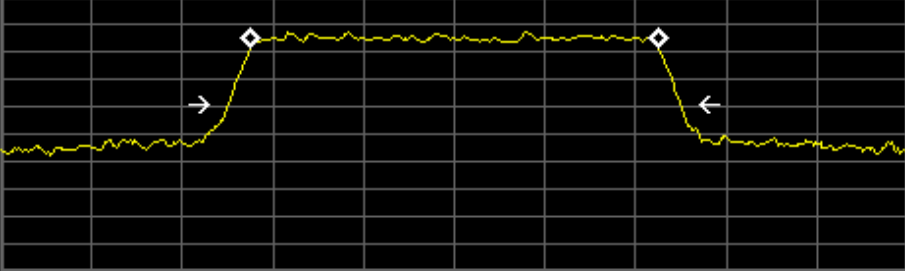
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.496	4.993	5	Pass

Agilent
S Freq/Channel

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.595 000 GHz Span 10 MHz

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

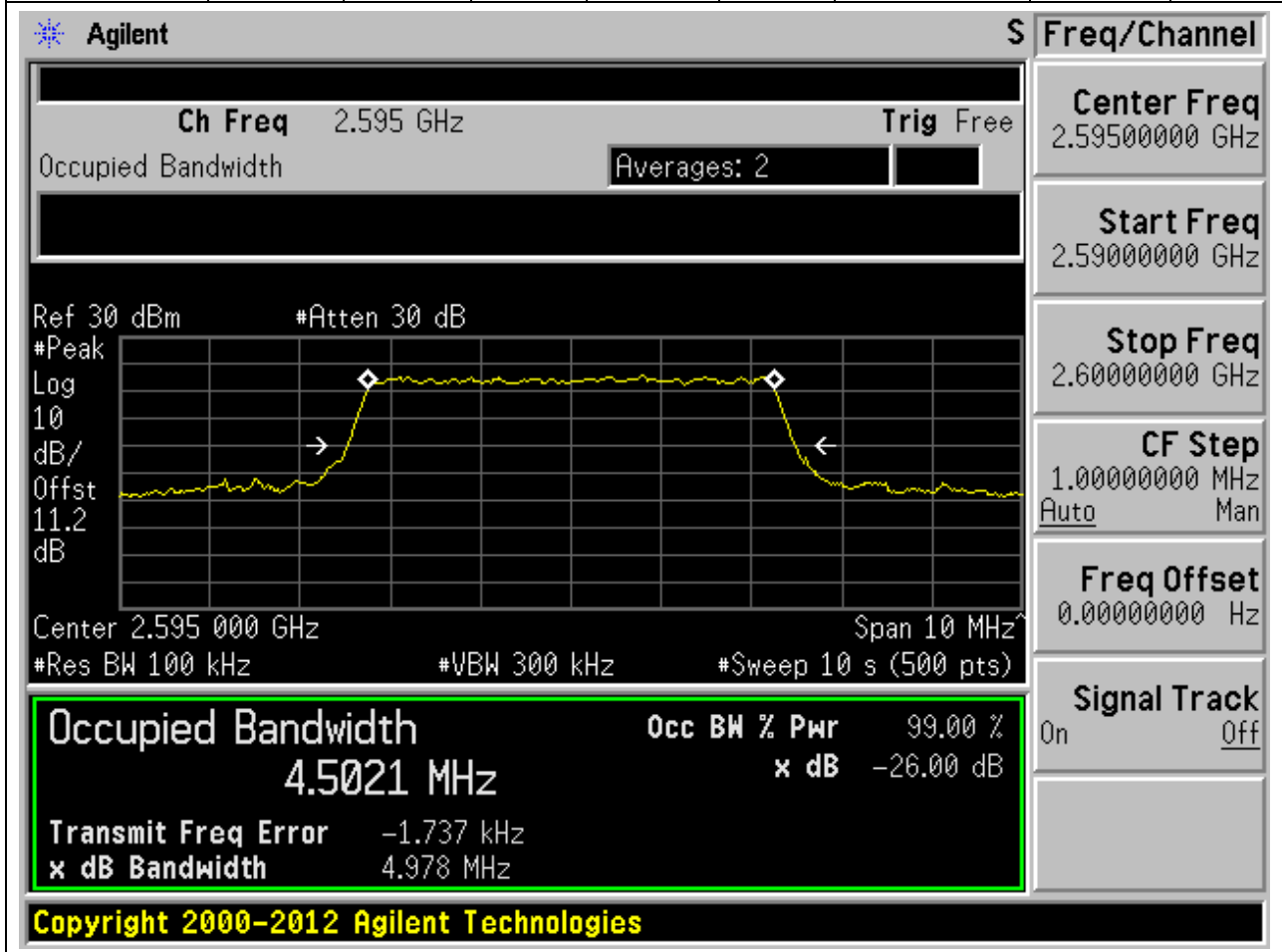
Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4963 MHz	x dB	-26.00 dB
Transmit Freq Error	170.333 Hz	
x dB Bandwidth	4.993 MHz	

<b>Signal Track</b>	On <u>Off</u>
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17.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:38000, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

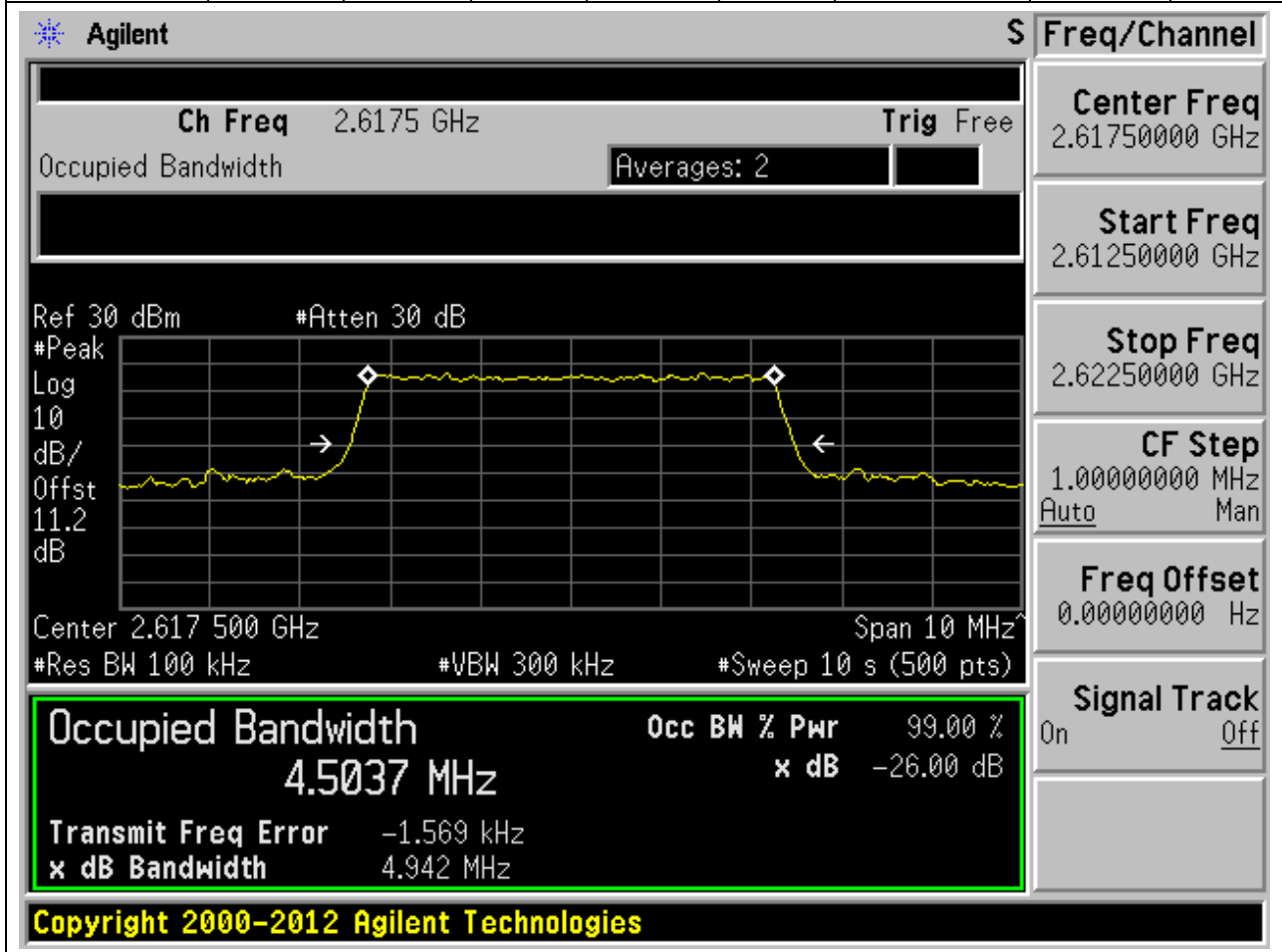
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.502	4.978	5	Pass





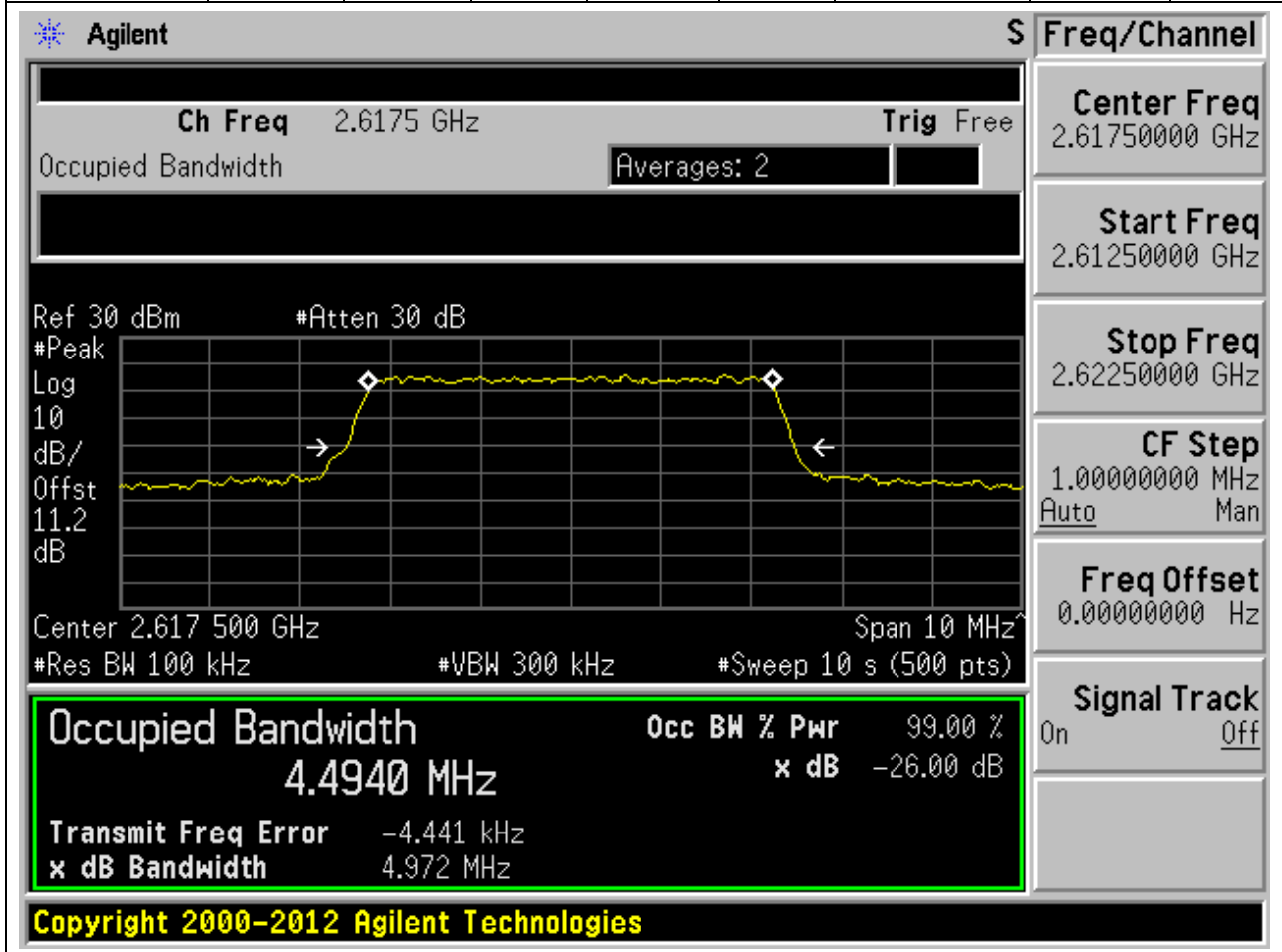
**17.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.504	4.942	5	Pass




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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2617.5	99	26	0.1	Peak	4.494	4.972	5	Pass



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

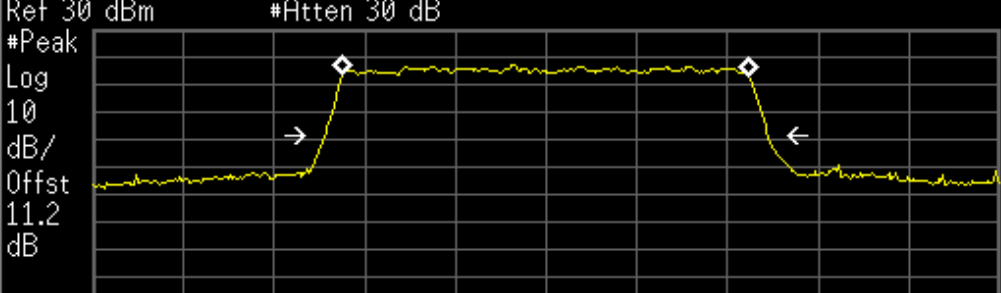
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.995	9.817	10	Pass

 Agilent
S Freq/Channel

Ch Freq 2.575 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.575 00 GHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 10 s (500 pts)

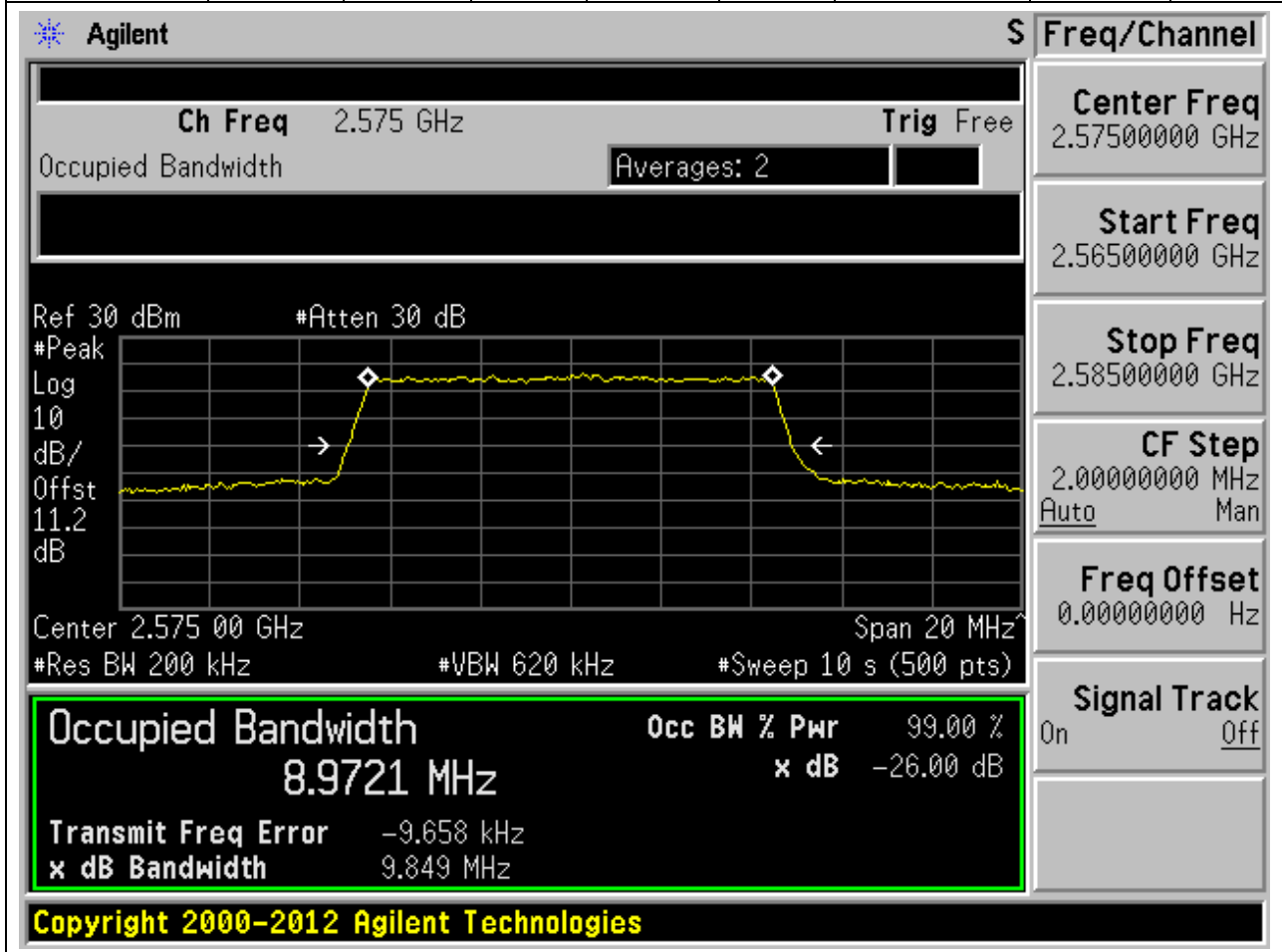
Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9954 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.343 kHz	
x dB Bandwidth	9.817 MHz	

Signal Track	On <u>Off</u>
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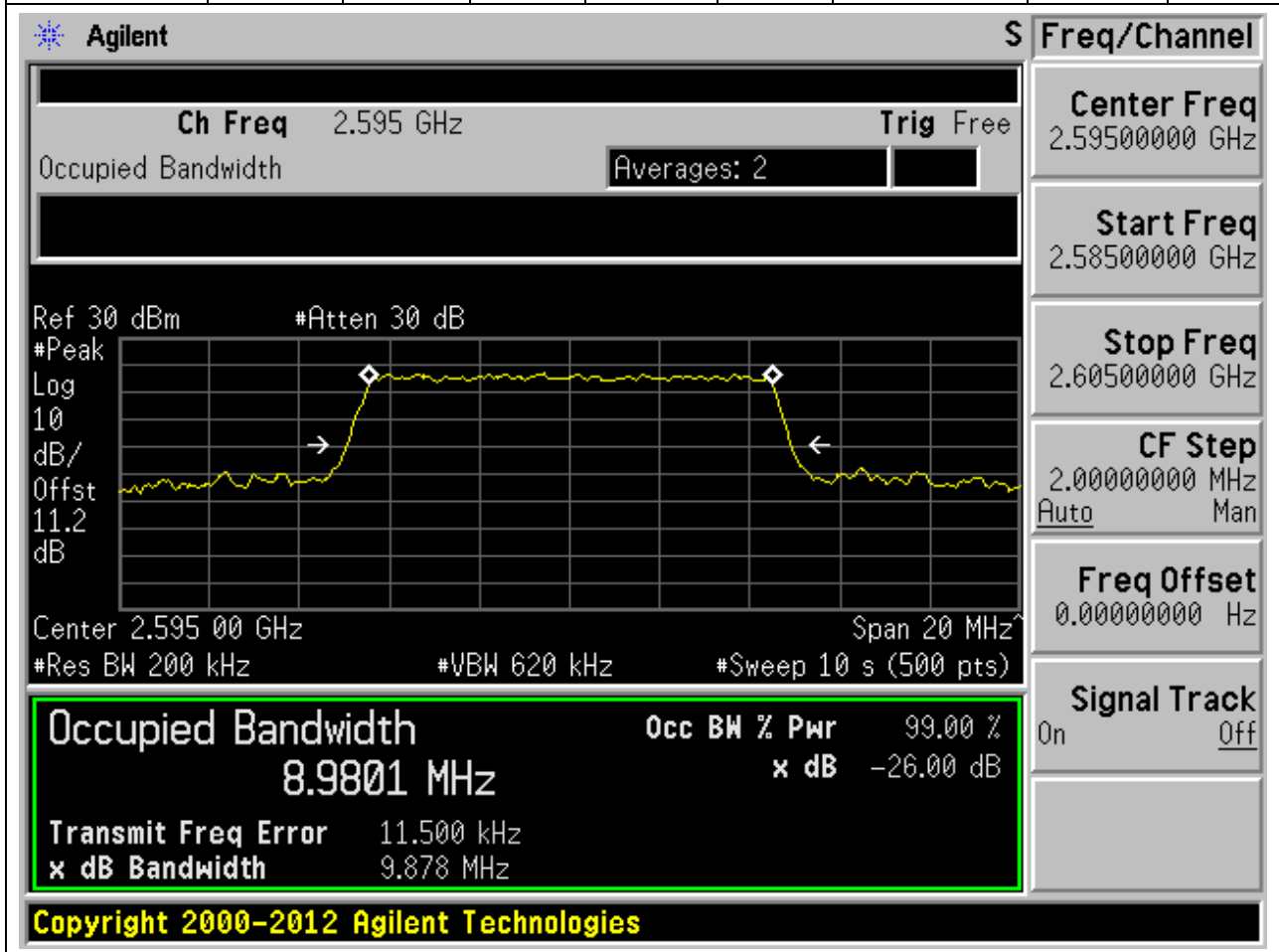
**17.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:37800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.972	9.849	10	Pass



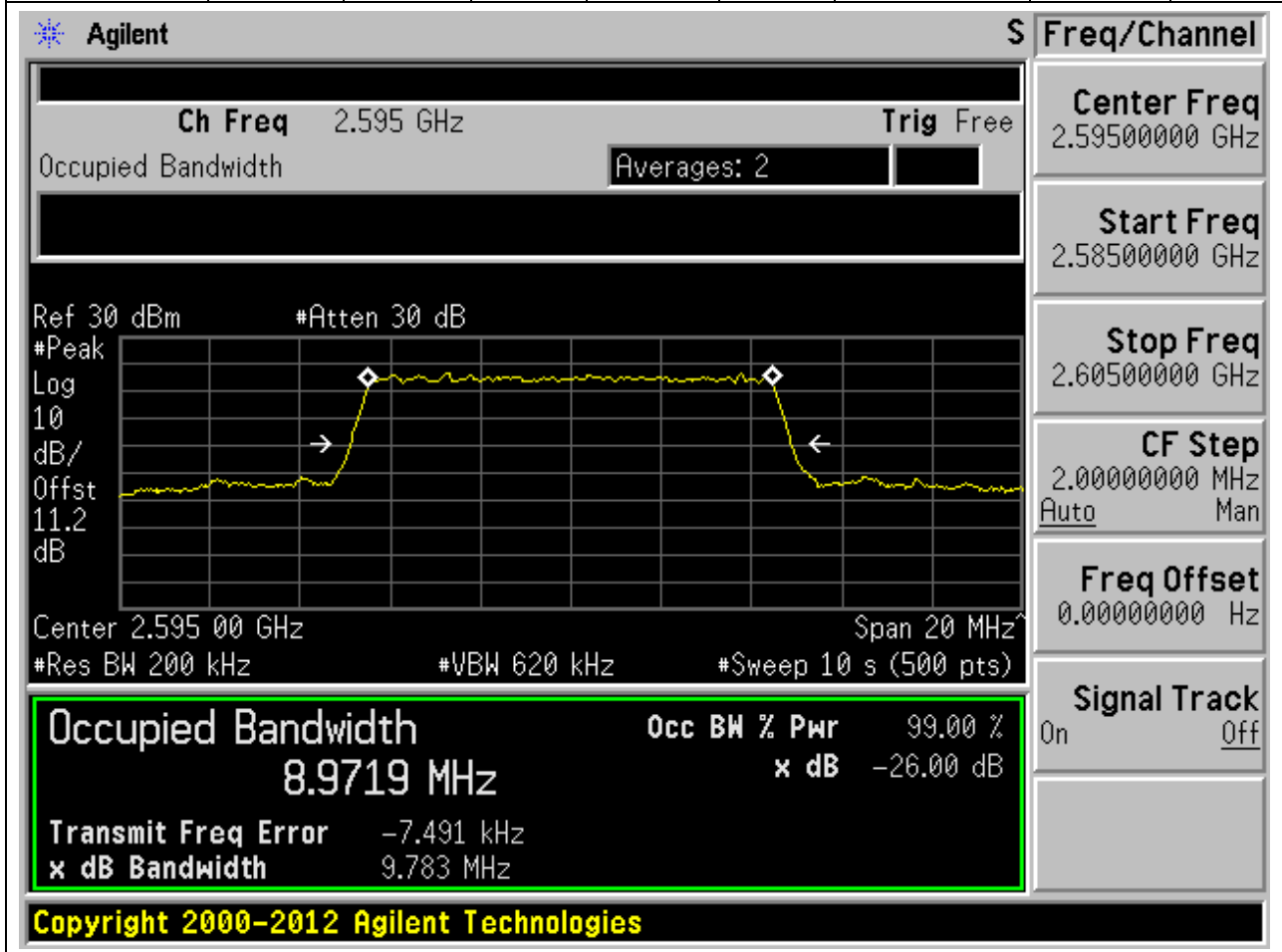
**17.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:38000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.98	9.878	10	Pass




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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.2	Peak	8.972	9.783	10	Pass



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

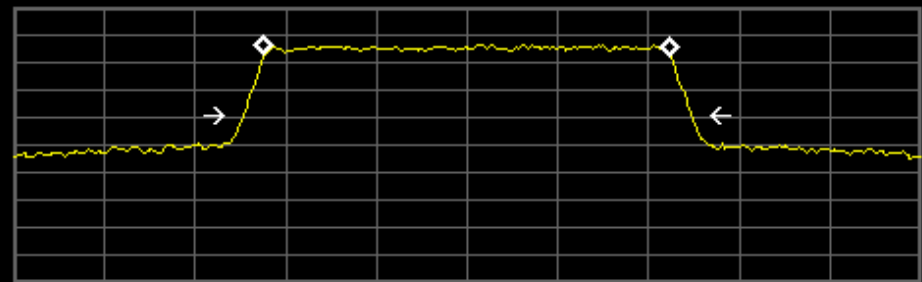
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.977	9.932	10	Pass

 Agilent
S Freq/Channel

Ch Freq 2.615 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.615 00 GHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9775 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.265 kHz	
x dB Bandwidth	9.932 MHz	

Signal Track	On <u>Off</u>
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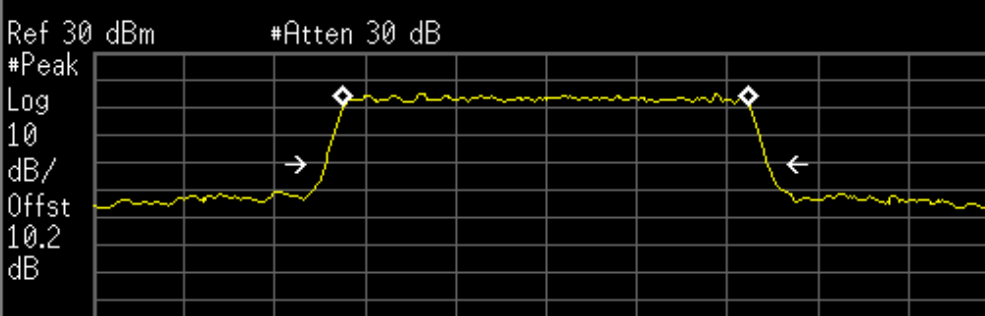
17.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:38200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.975	9.787	10	Pass

Agilent 10:53:15 Jan 28, 2022

Ch Freq 2.615 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.615 00 GHz Span 20 MHz

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

**Freq/Channel**

Center Freq 2.61500000 GHz

Start Freq 2.60500000 GHz

Stop Freq 2.62500000 GHz

CF Step 2.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**8.9748 MHz** x dB -26.00 dB

Transmit Freq Error -2.177 kHz

x dB Bandwidth 9.787 MHz

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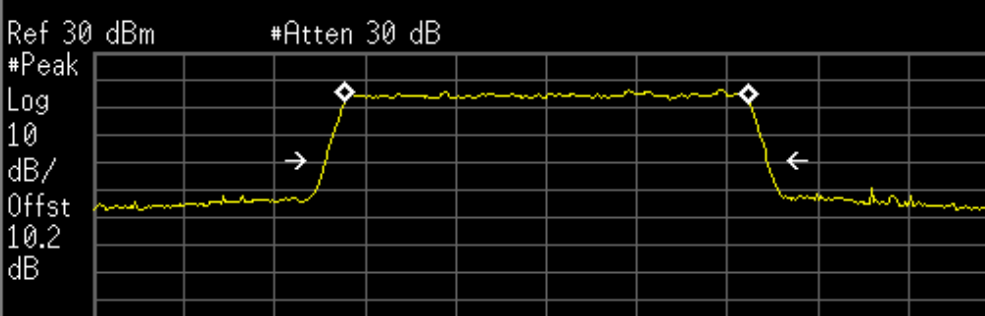
**17.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:37825, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.449	14.689	15	Pass

**Agilent** 12:03:40 Jan 28, 2022

**Ch Freq** 2.5775 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.577 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4494 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		6.441 kHz
<b>x dB Bandwidth</b>		14.689 MHz

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**Freq/Channel**

**Center Freq**  
2.57750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.59250000 GHz

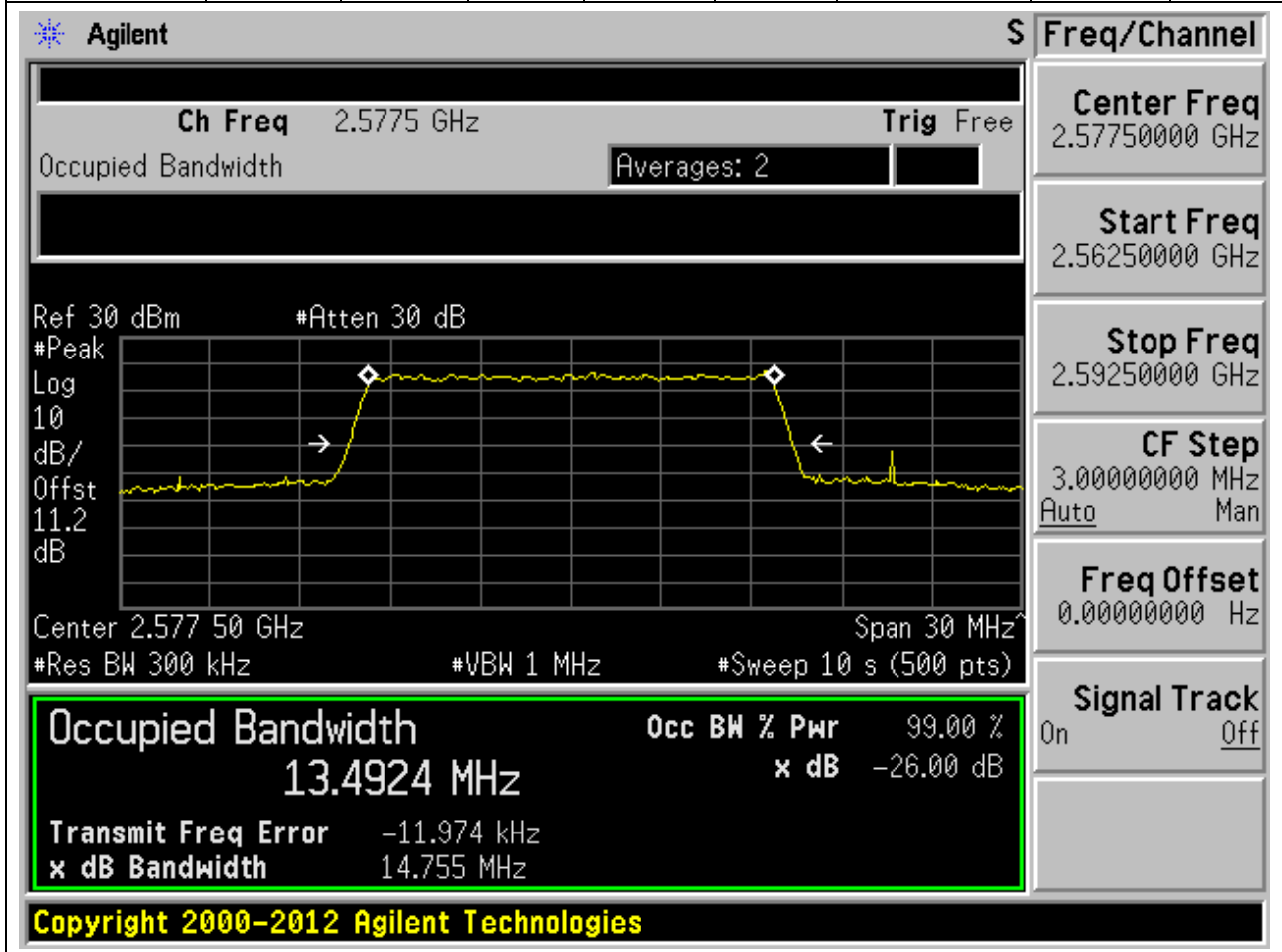
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

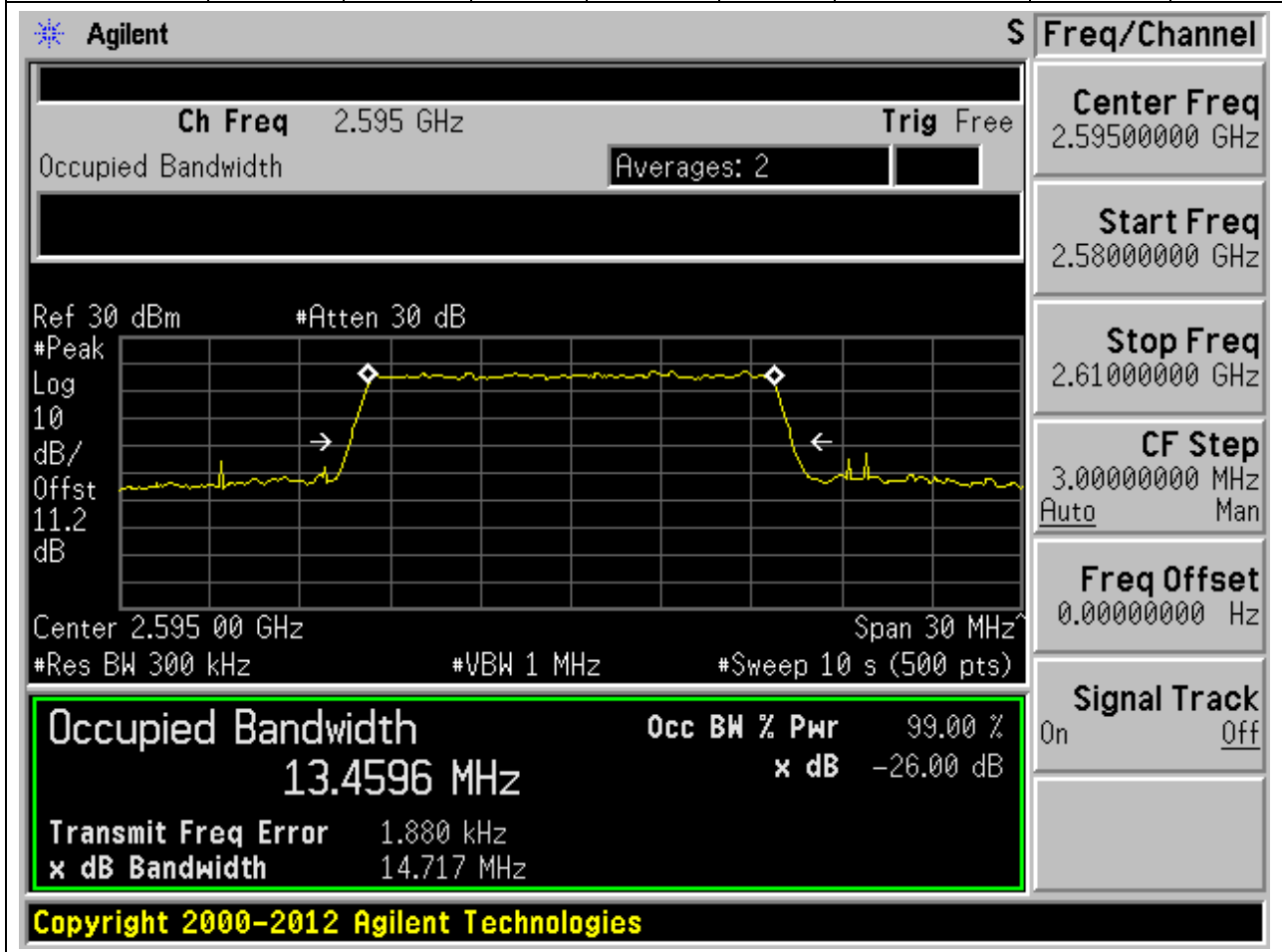
17.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:37825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.492	14.755	15	Pass



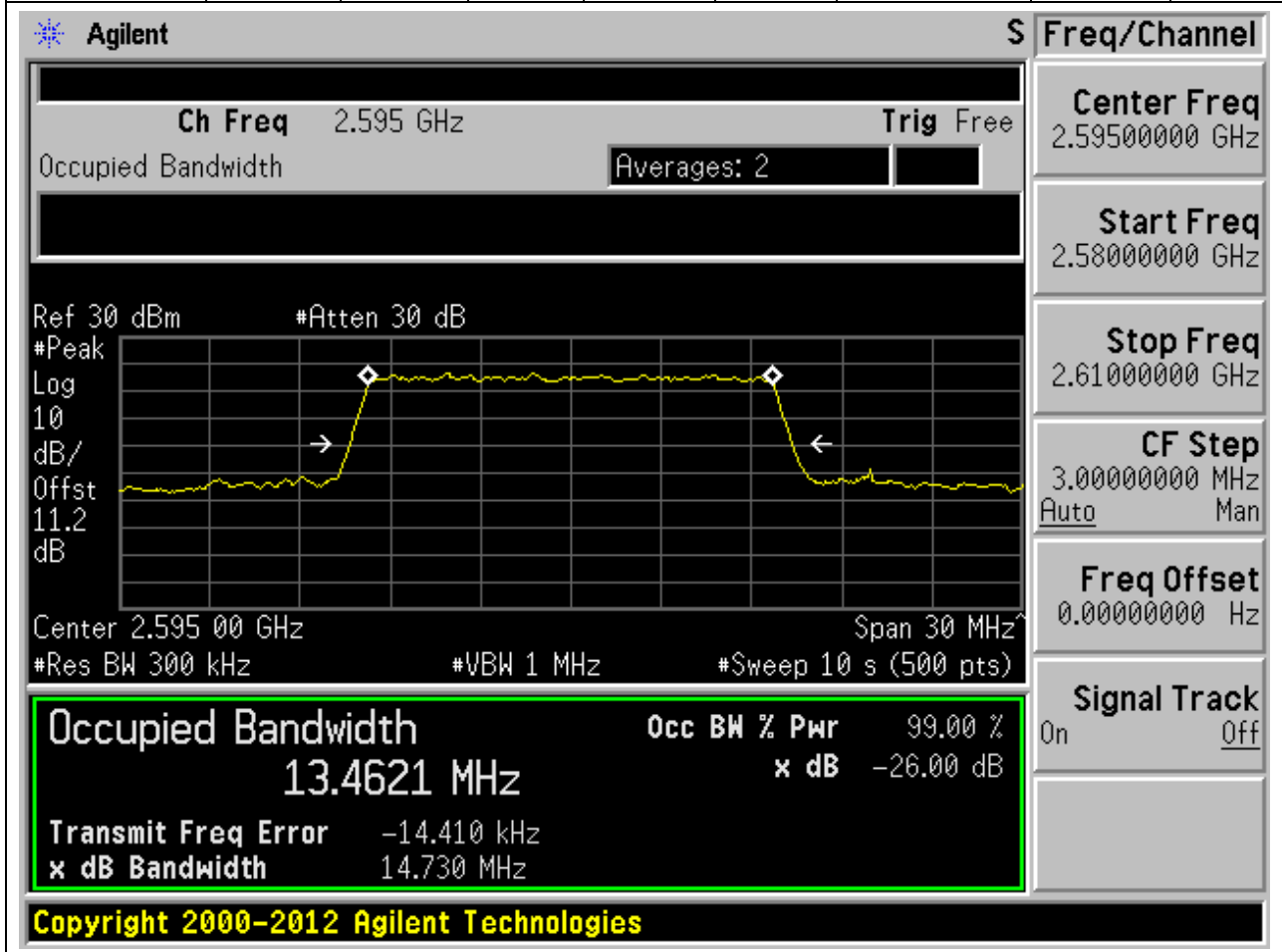
17.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:38000, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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	13.46	14.717	15	Pass



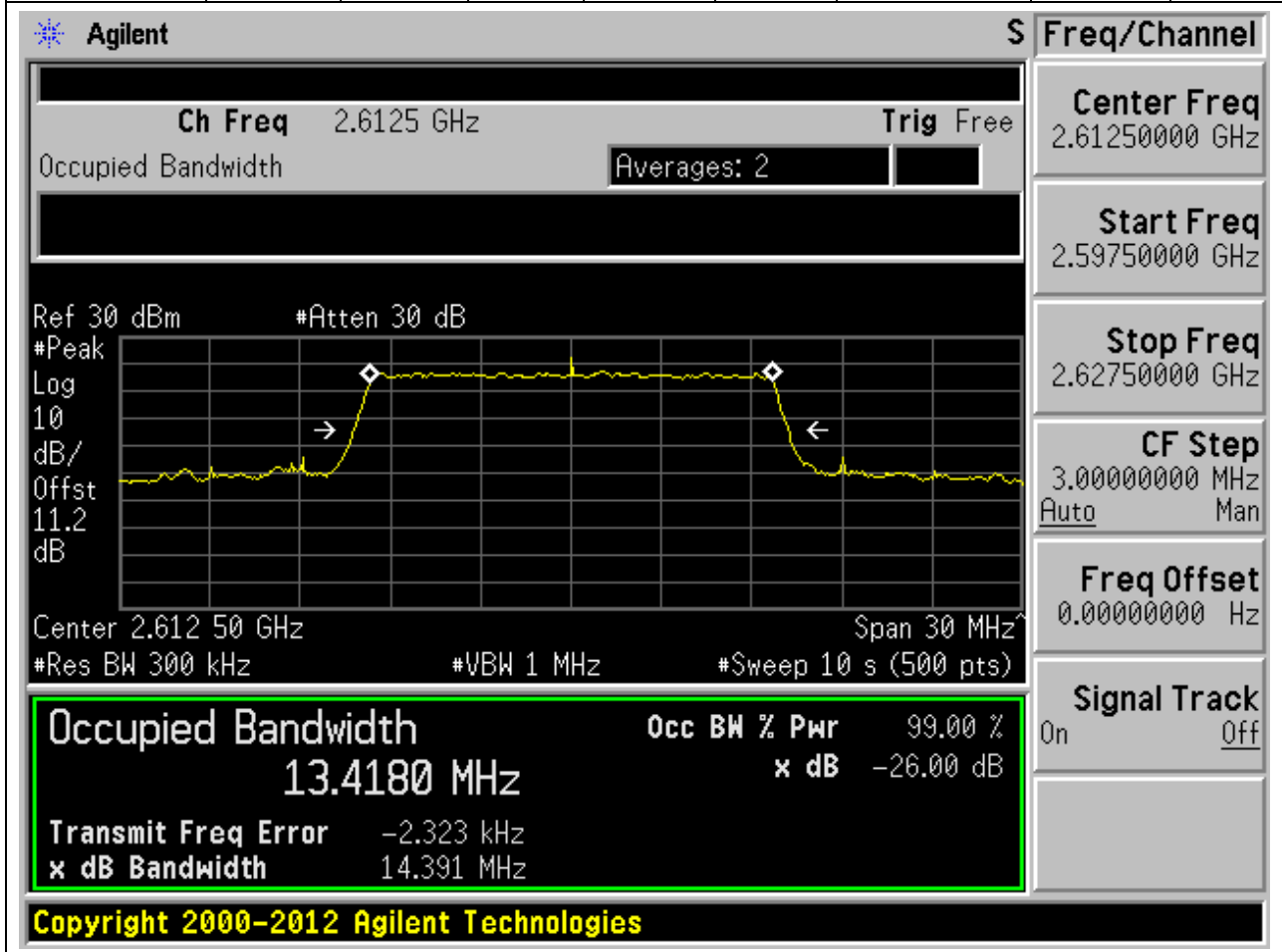
17.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:38000, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.462	14.73	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	13.418	14.391	15	Pass



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

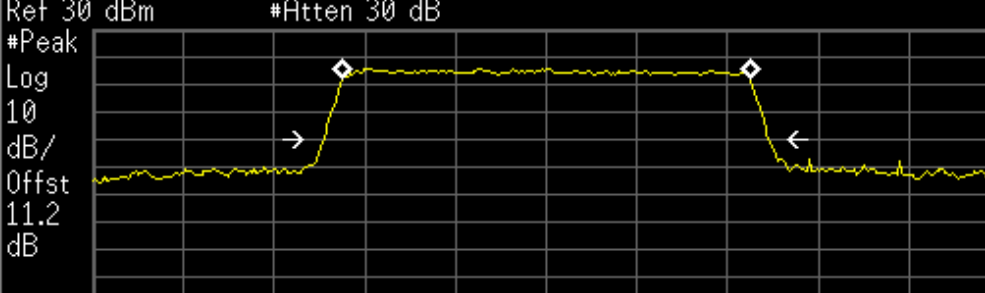
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.494	14.775	15	Pass

Agilent
S Freq/Channel

Ch Freq 2.6125 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.612 50 GHz Span 30 MHz  
 #Res BW 300 kHz #VBW 1 MHz #Sweep 10 s (500 pts)

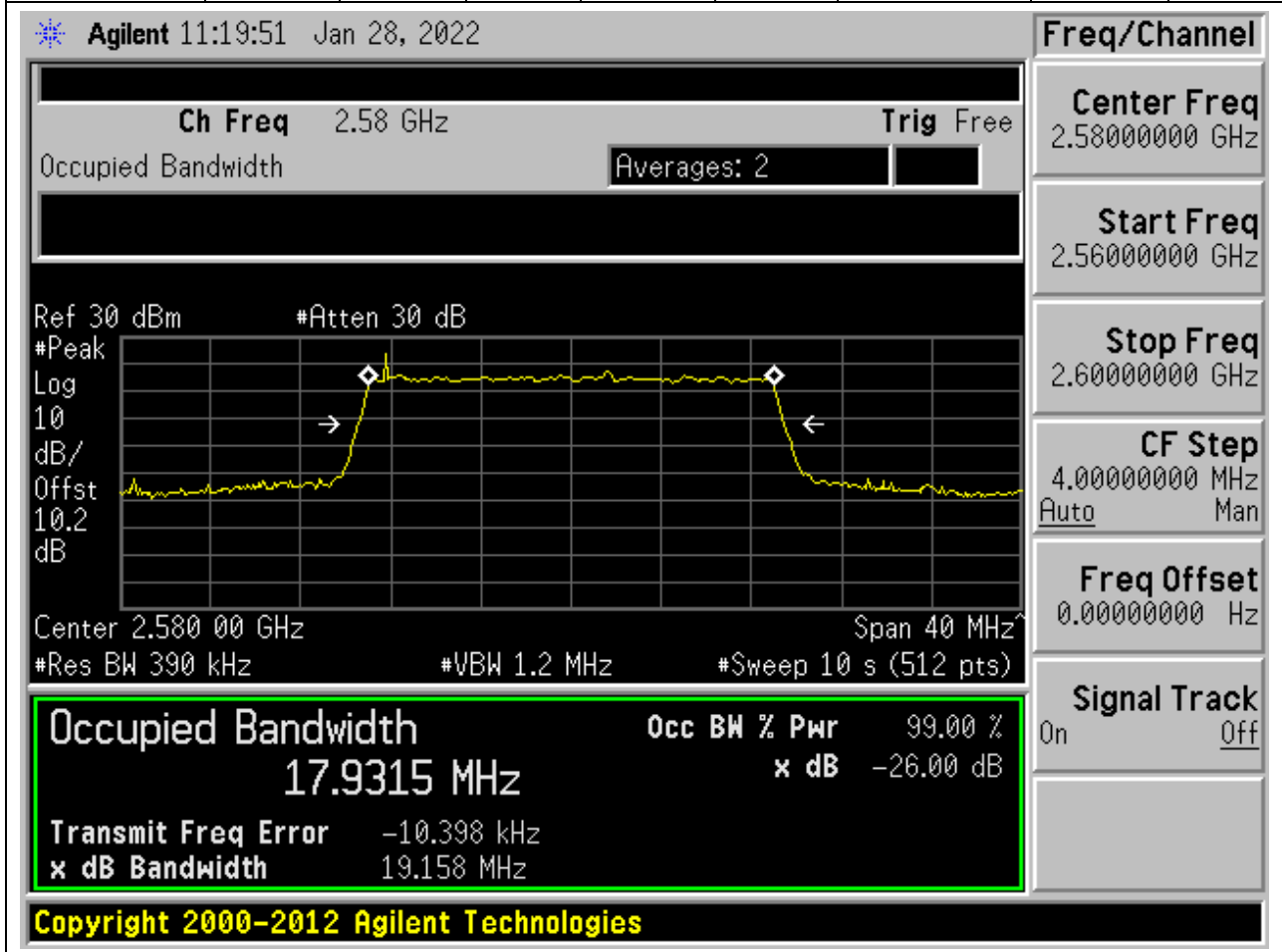
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4942 MHz	x dB	-26.00 dB
Transmit Freq Error		-7.465 kHz
x dB Bandwidth		14.775 MHz

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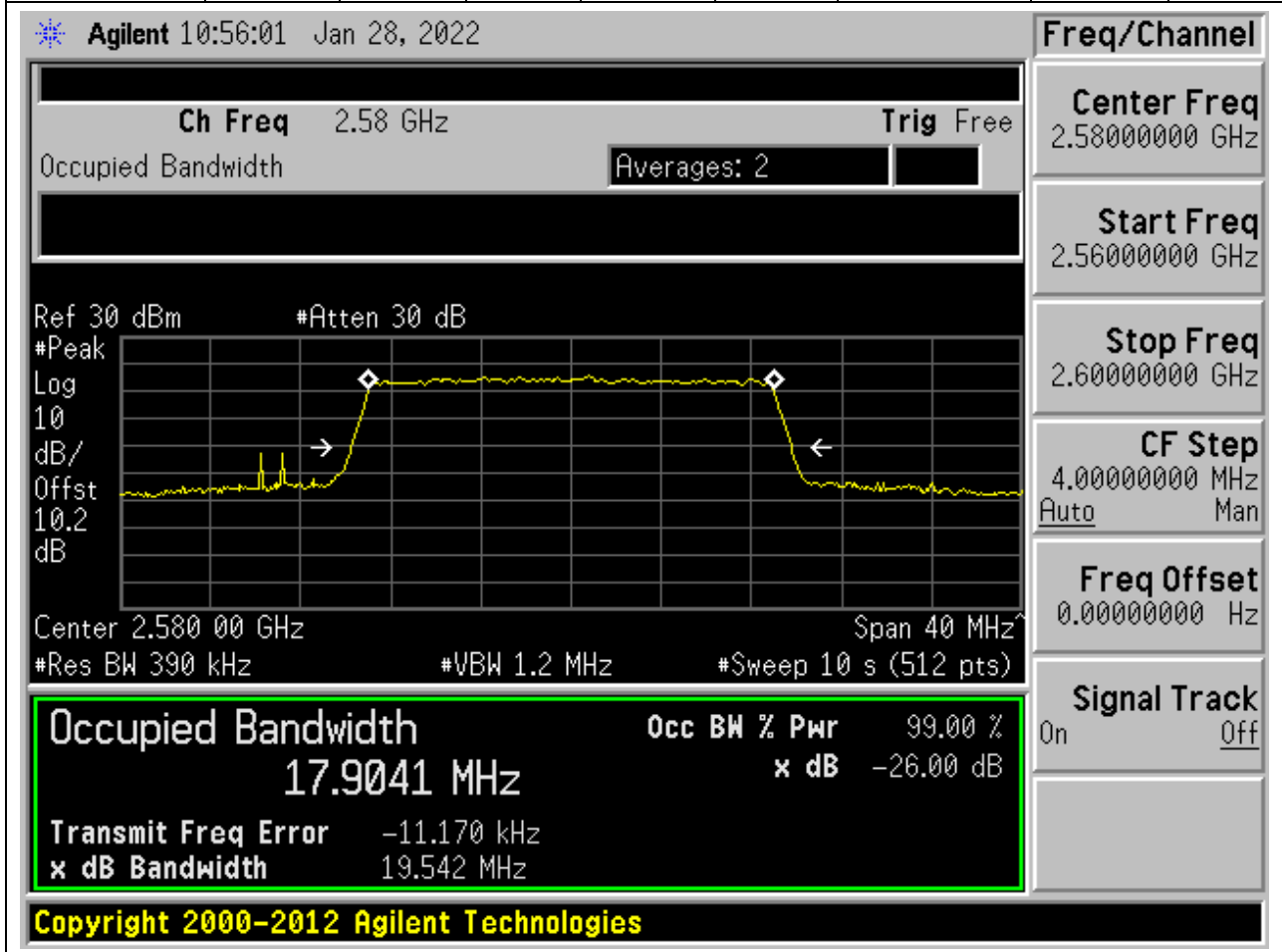
**17.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.932	19.158	20	Pass



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

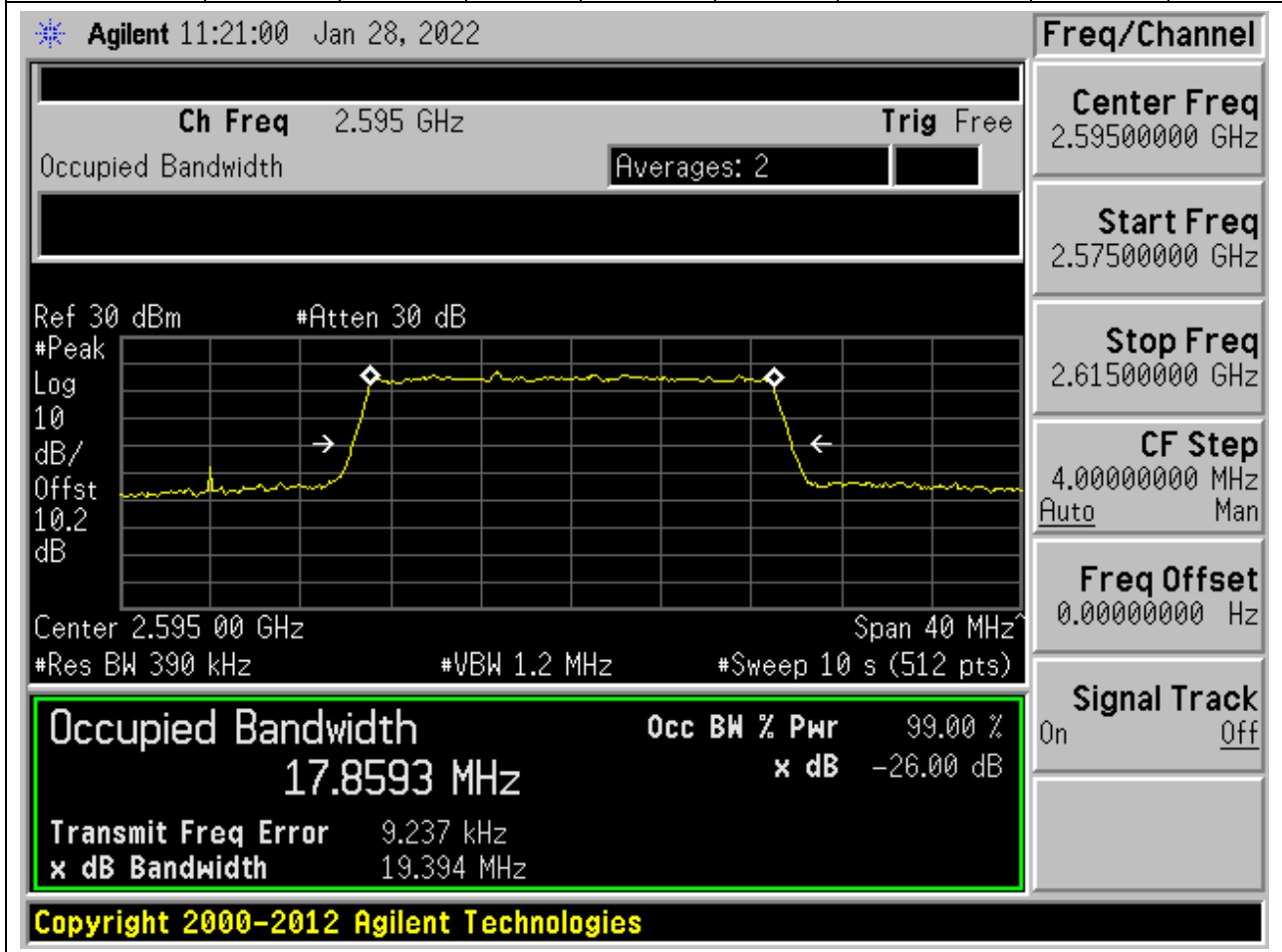
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.904	19.542	20	Pass





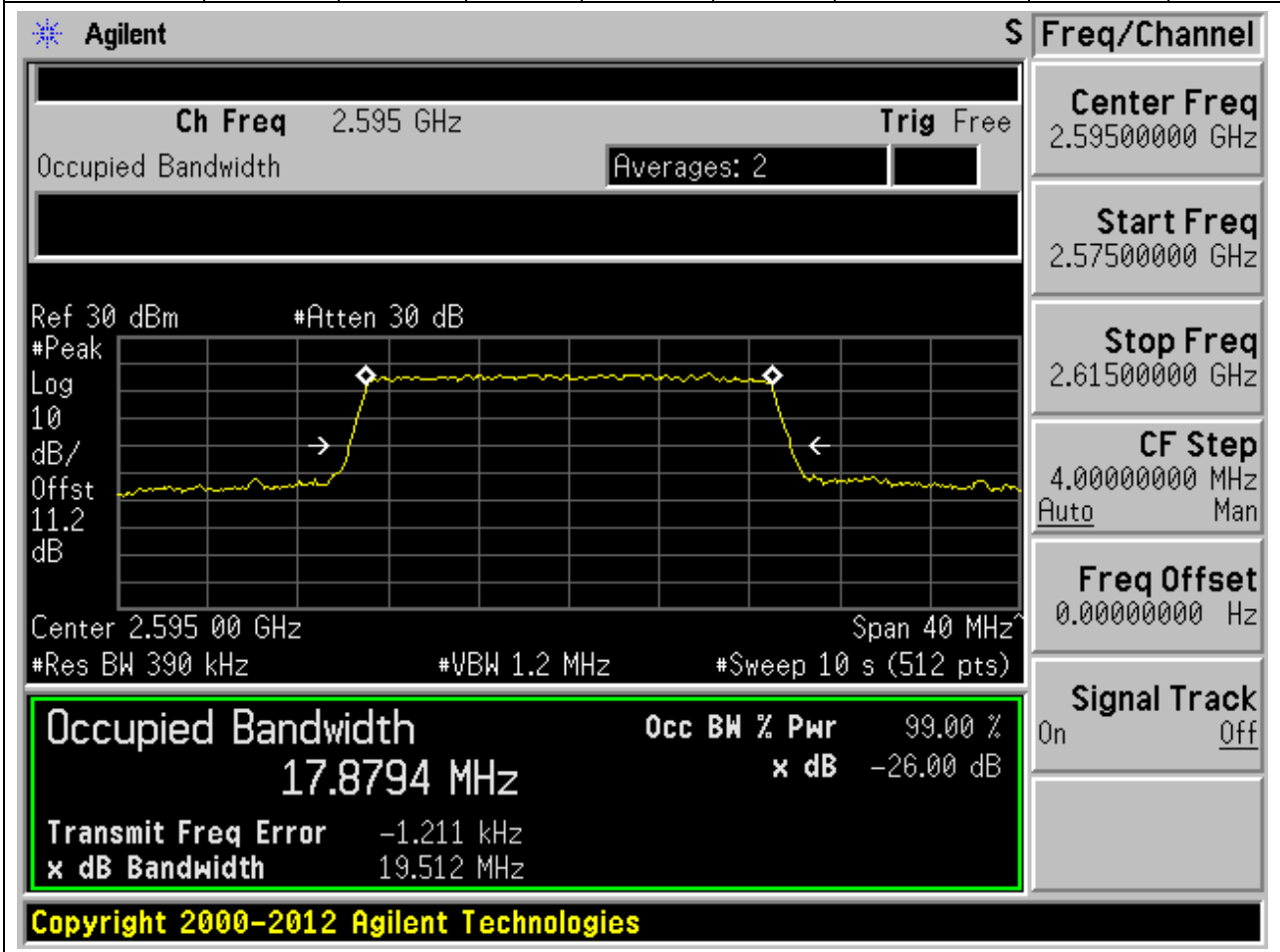
**17.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.859	19.394	20	Pass



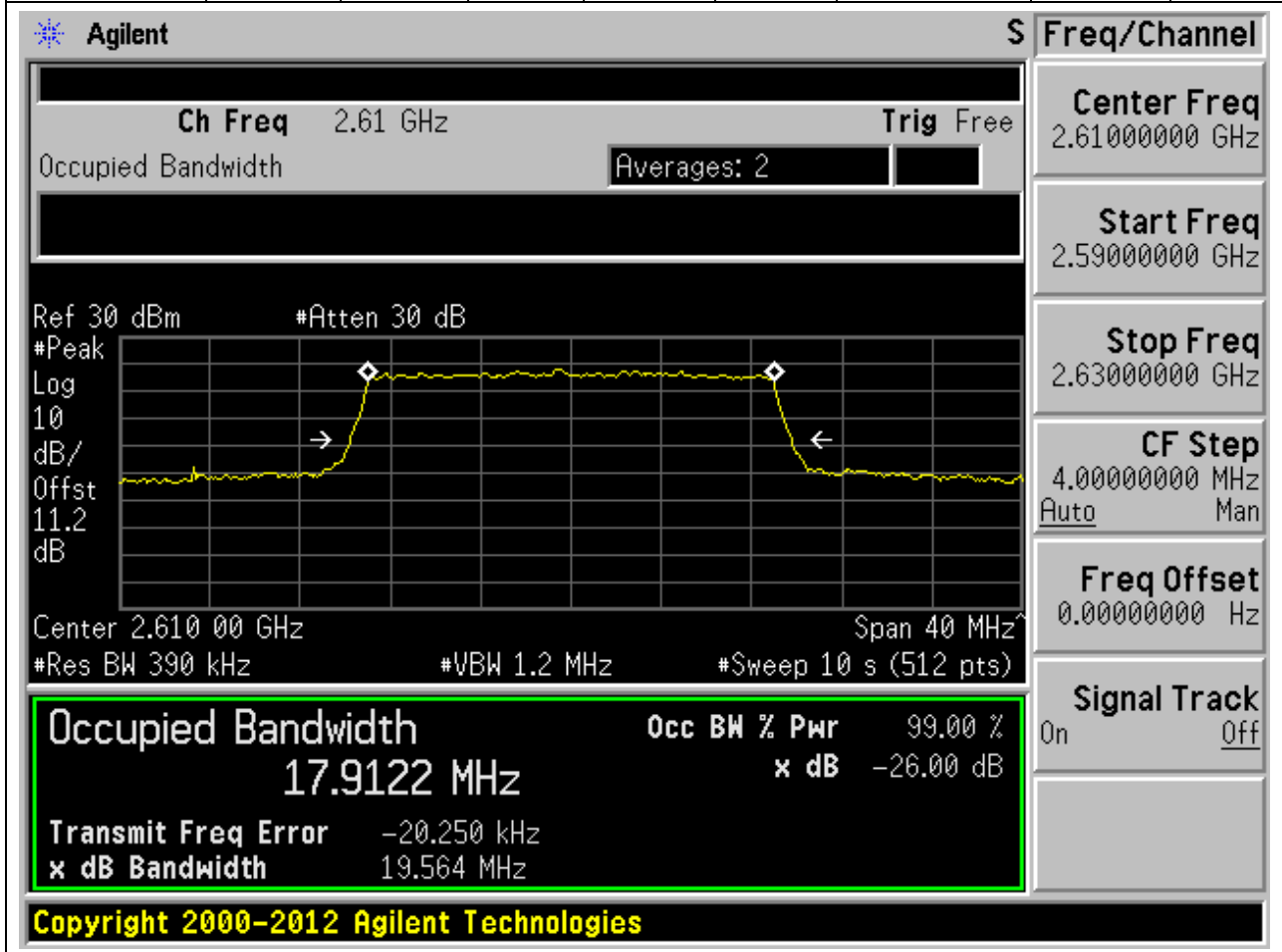
17.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.879	19.512	20	Pass



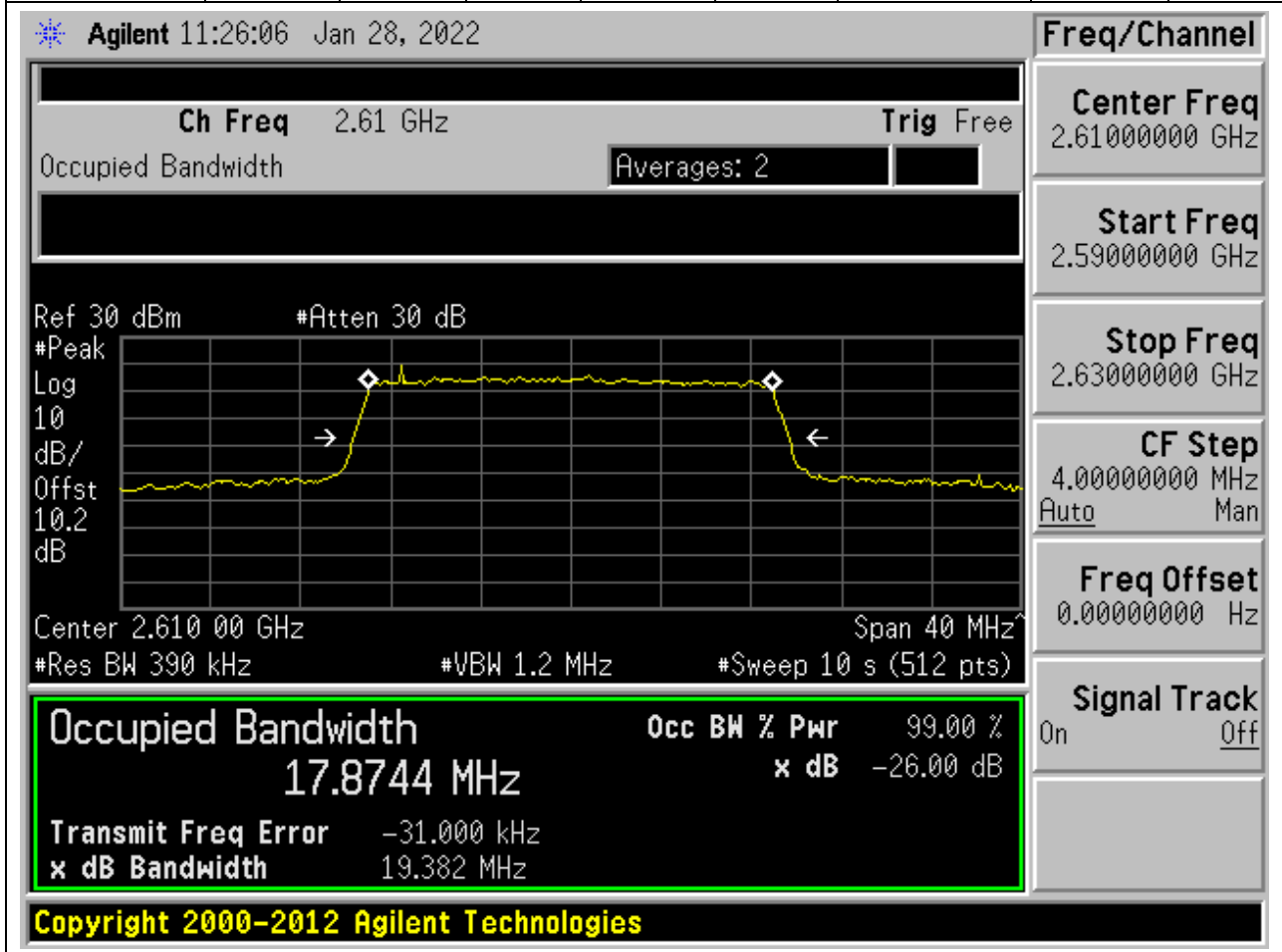
**17.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.912	19.564	20	Pass



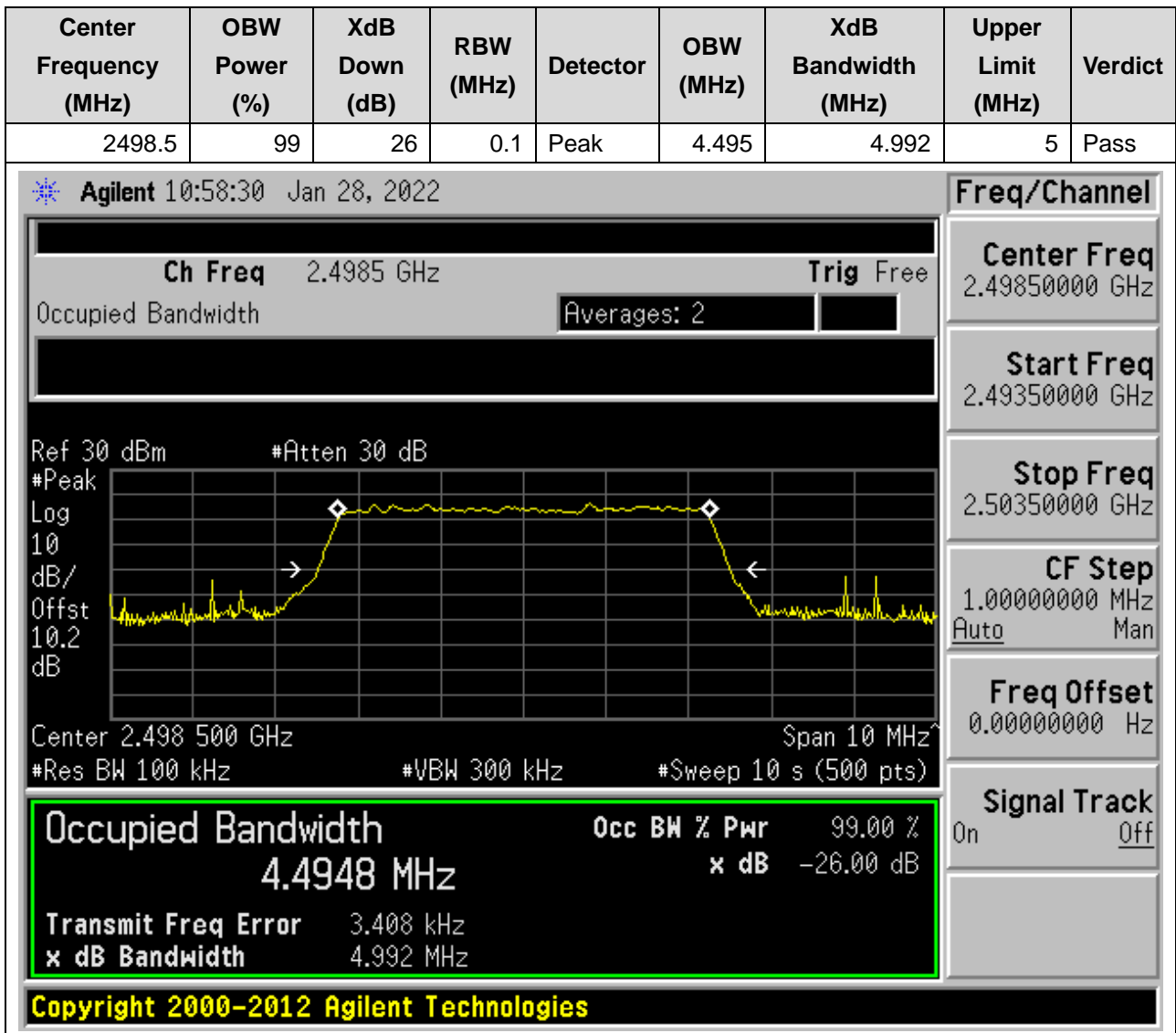
**17.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.874	19.382	20	Pass



## 18. LTE\_Band41 full

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



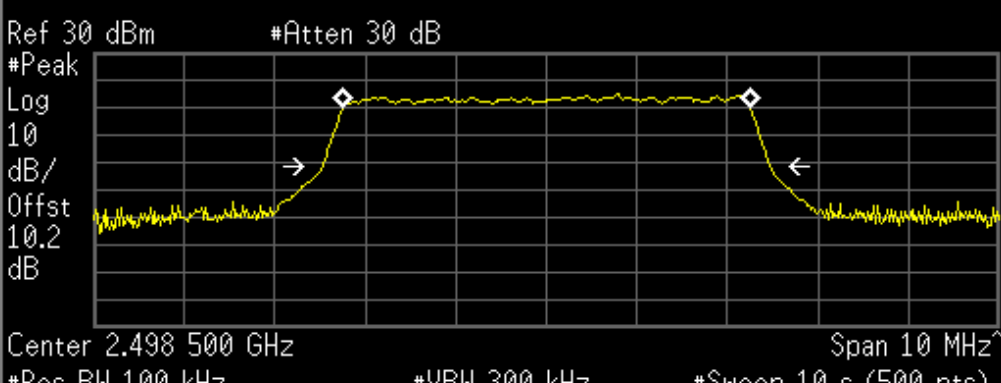
**18.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2498.5	99	26	0.1	Peak	4.498	4.959	5	Pass

Agilent 10:59:17 Jan 28, 2022

**Ch Freq** 2.4985 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.498 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4976 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.476 kHz	
<b>x dB Bandwidth</b>	4.959 MHz	

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**Freq/Channel**

**Center Freq**  
2.49850000 GHz

**Start Freq**  
2.49350000 GHz

**Stop Freq**  
2.50350000 GHz

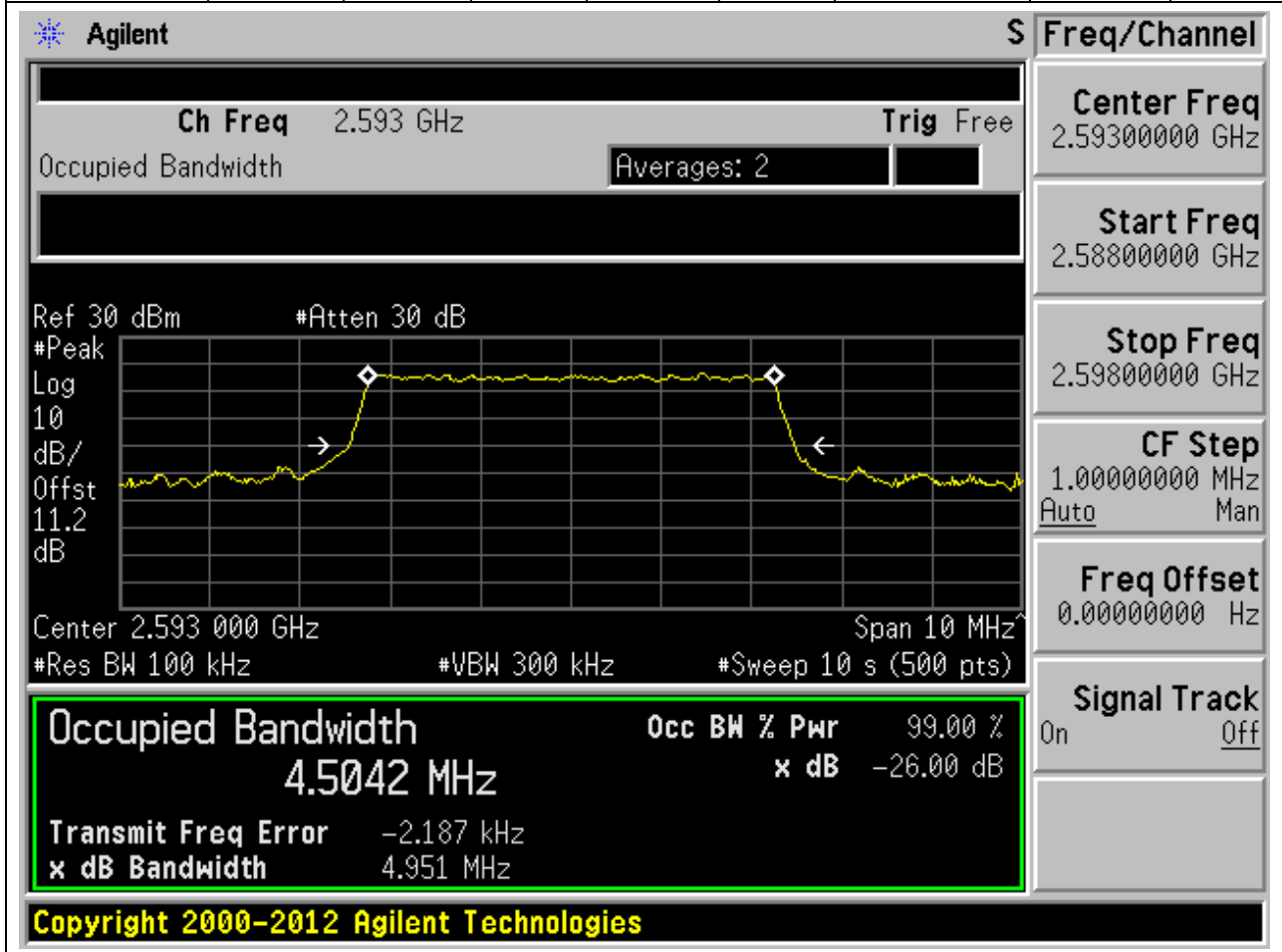
**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

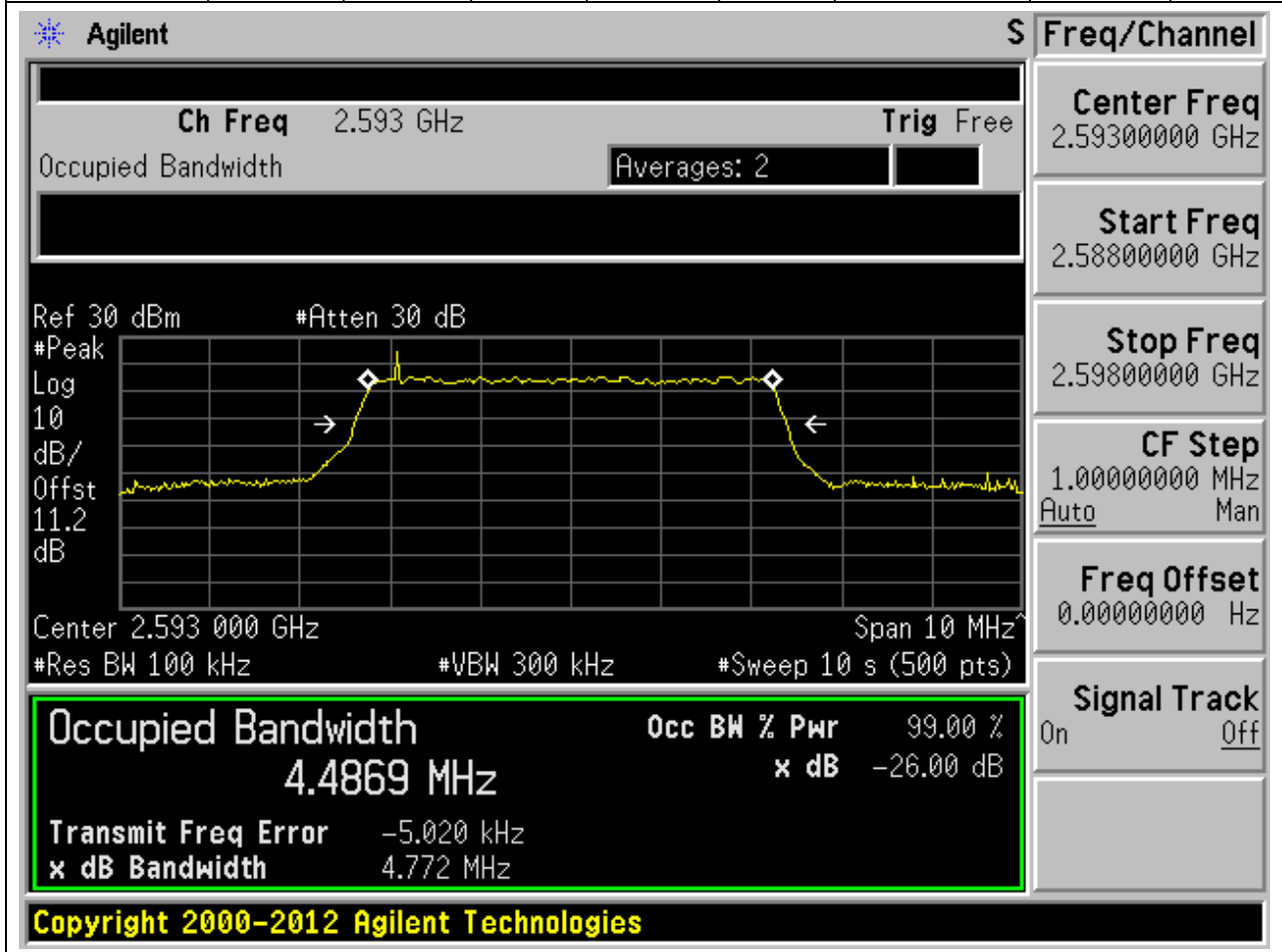
**18.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.504	4.951	5	Pass



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


Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.487	4.772	5	Pass





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

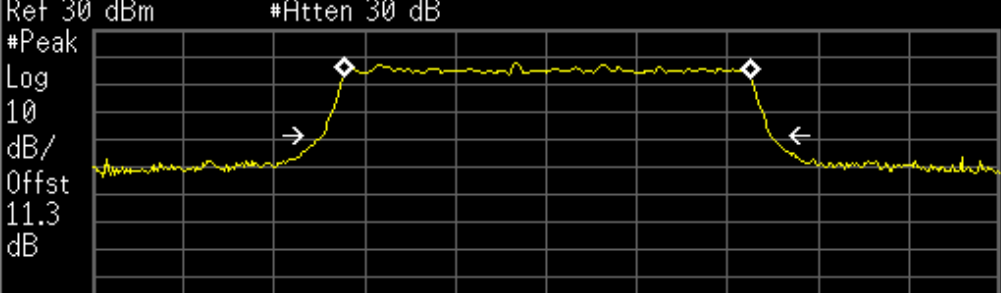
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.491	4.938	5	Pass

 Agilent
S Freq/Channel

Ch Freq 2.6875 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.687 500 GHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4914 MHz	x dB	-26.00 dB
Transmit Freq Error	4.488 kHz	
x dB Bandwidth	4.938 MHz	

<b>Signal Track</b>	On <u>Off</u>
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**18.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

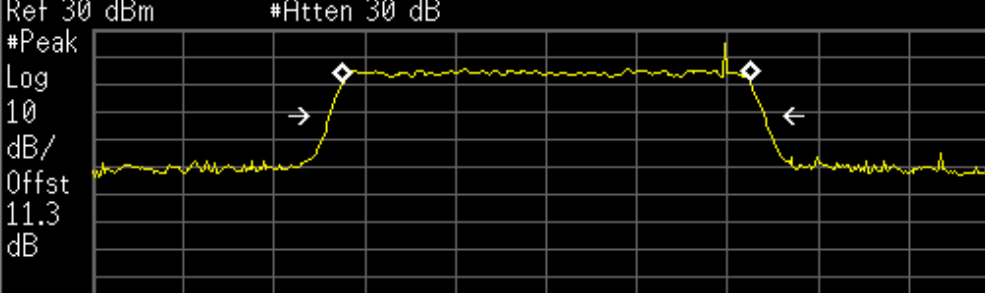
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.497	4.781	5	Pass

Agilent
S Freq/Channel

**Ch Freq** 2.6875 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.687 500 GHz Span 10 MHz

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

**Center Freq**  
2.68750000 GHz

**Start Freq**  
2.68250000 GHz

**Stop Freq**  
2.69250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**Occupied Bandwidth**

**4.4971 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -2.762 kHz

**x dB Bandwidth** 4.781 MHz

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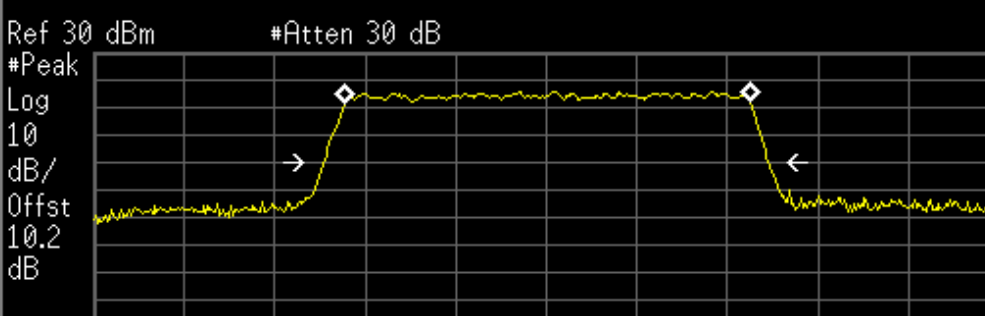
**18.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.975	9.864	10	Pass

**Agilent** 11:27:44 Jan 28, 2022

**Ch Freq** 2.501 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.501 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9746 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	20.056 kHz	
<b>x dB Bandwidth</b>	9.864 MHz	

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**Freq/Channel**

**Center Freq**  
2.50100000 GHz

**Start Freq**  
2.49100000 GHz

**Stop Freq**  
2.51100000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

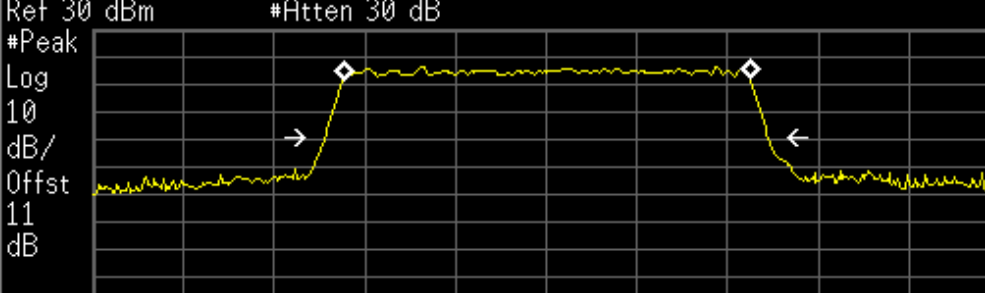
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.972	9.795	10	Pass

Agilent
S Freq/Channel

Ch Freq 2.501 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.501 00 GHz Span 20 MHz

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

Center Freq  
2.50100000 GHz

Start Freq  
2.49100000 GHz

Stop Freq  
2.51100000 GHz

CF Step  
2.00000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

**Occupied Bandwidth**

**8.9718 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

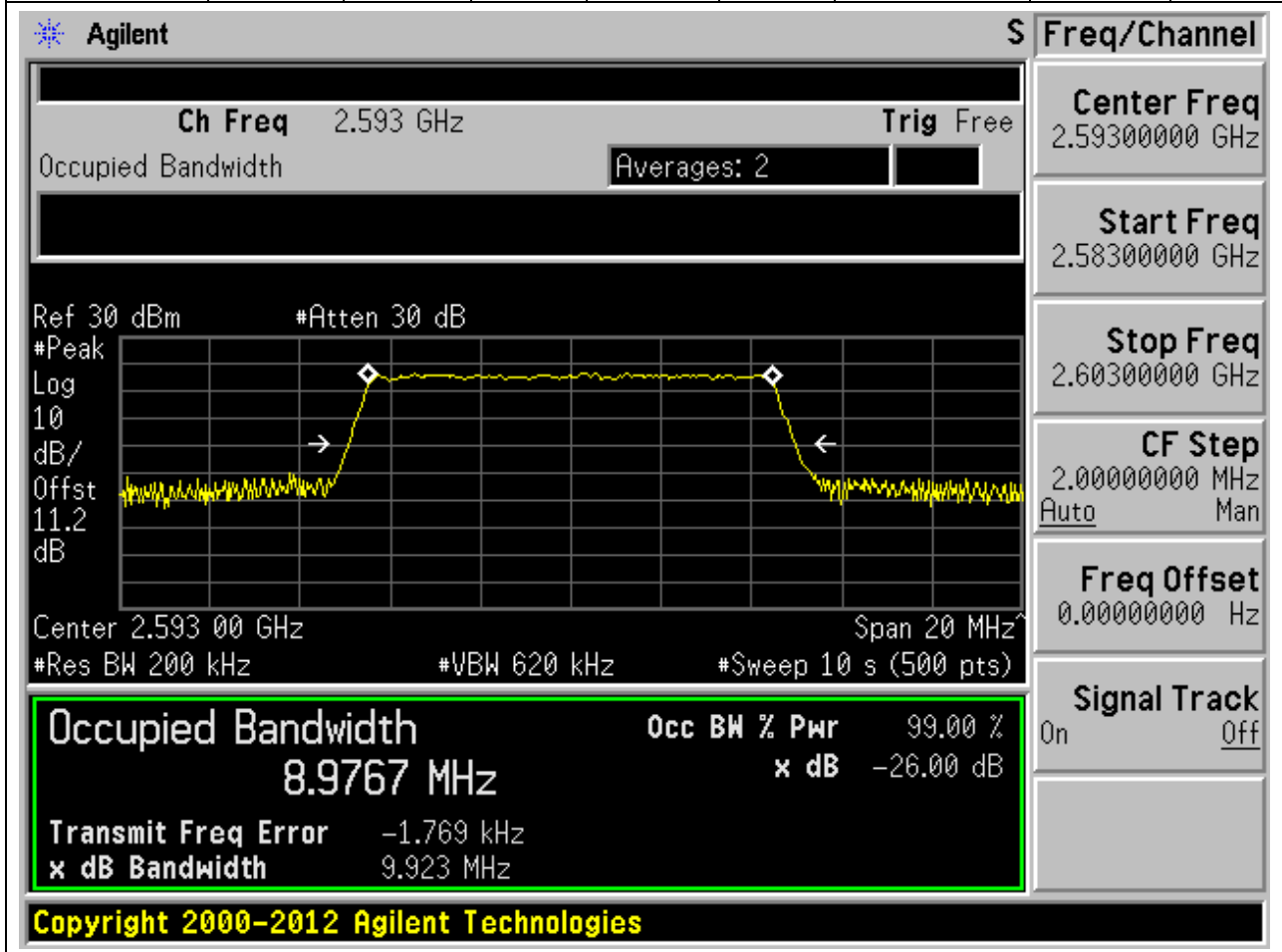
Transmit Freq Error 2.646 kHz

x dB Bandwidth 9.795 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.977	9.923	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.94	9.775	10	Pass

Agilent
S

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.58300000 GHz

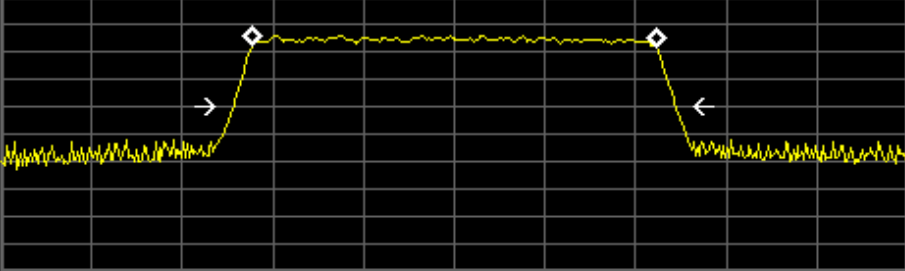
**Stop Freq**  
2.60300000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB



Center 2.593 00 GHz Span 20 MHz

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

**Occupied Bandwidth**

**8.9404 MHz**

Transmit Freq Error -11.509 kHz

x dB Bandwidth 9.775 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	9	9.833	10	Pass

**Agilent**
S

**Ch Freq** 2.685 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

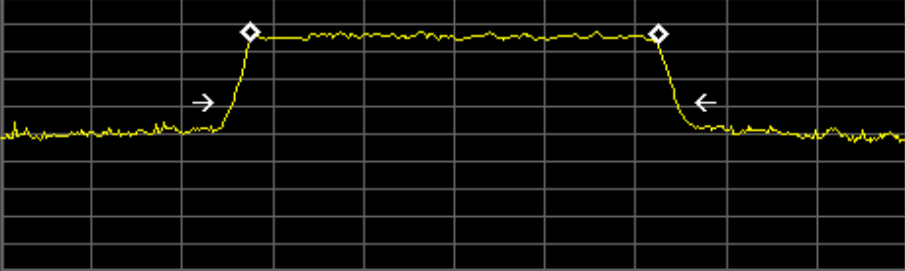
Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.3

dB



Center 2.685 00 GHz
Span 20 MHz

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

**Occupied Bandwidth**

**9.0003 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -9.288 kHz

**x dB Bandwidth** 9.833 MHz

**Signal Track**

On
Off

**Freq/Channel**

**Center Freq** 2.68500000 GHz

**Start Freq** 2.67500000 GHz

**Stop Freq** 2.69500000 GHz

**CF Step** 2.00000000 MHz


Auto Man

**Freq Offset** 0.00000000 Hz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	8.976	9.868	10	Pass

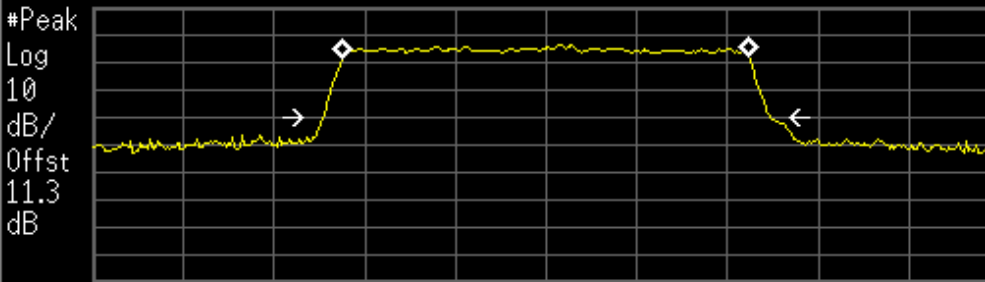
 Agilent
S Freq/Channel

Ch Freq 2.685 GHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.685 00 GHz Span 20 MHz  
#Res BW 200 kHz #VBW 620 kHz #Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9758 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-12.501 kHz	
<b>x dB Bandwidth</b>	9.868 MHz	

<b>Signal Track</b>	On <u>Off</u>
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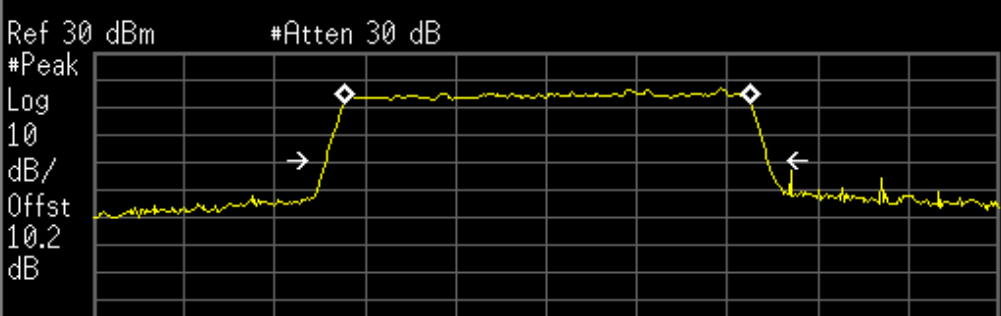
**18.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.474	14.663	15	Pass

**Agilent** 11:28:54 Jan 28, 2022

**Ch Freq** 2.5035 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.503 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4741 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	17.115 kHz	
<b>x dB Bandwidth</b>	14.663 MHz	

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**Freq/Channel**

**Center Freq**  
2.50350000 GHz

**Start Freq**  
2.48850000 GHz

**Stop Freq**  
2.51850000 GHz

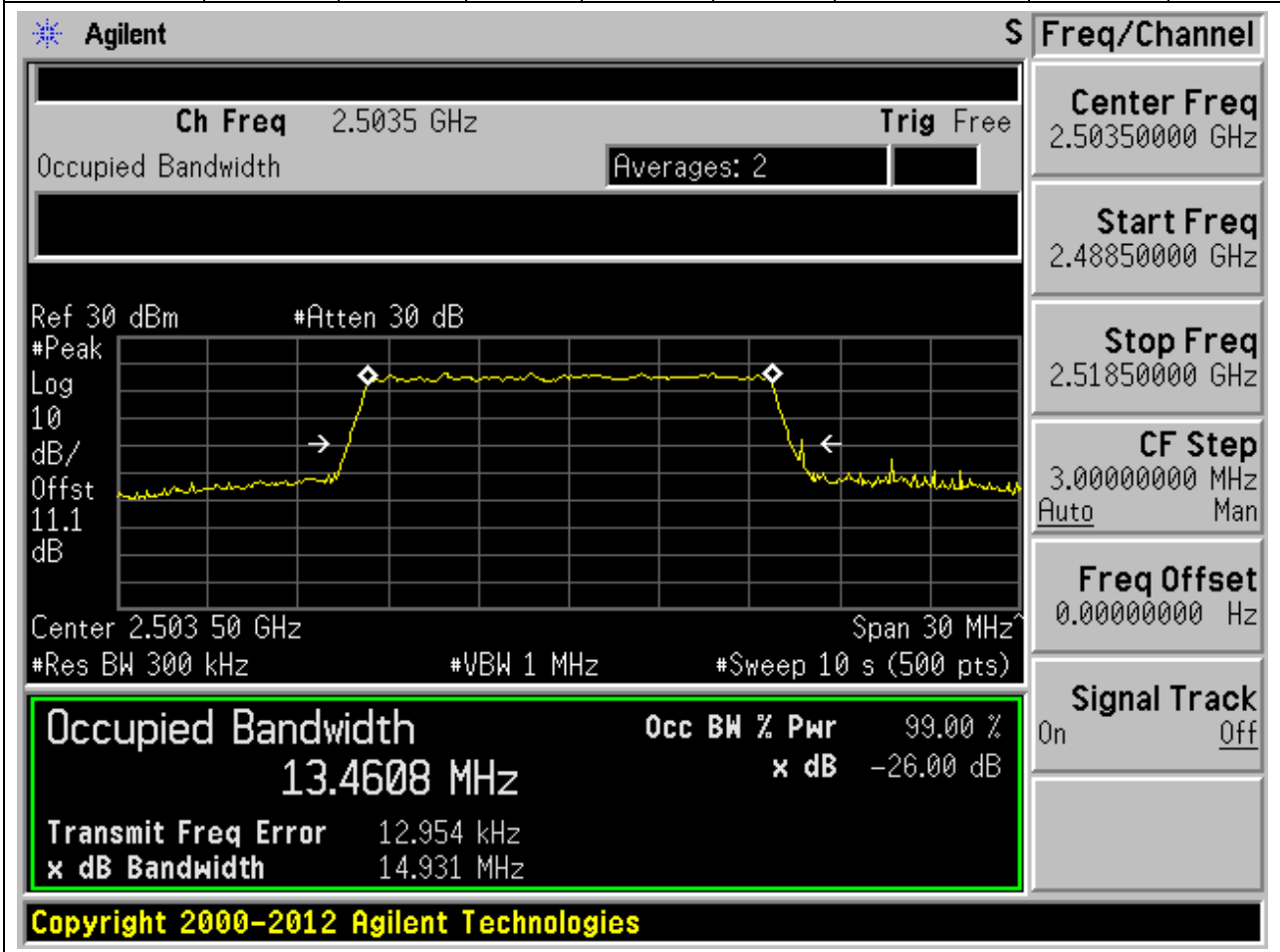
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

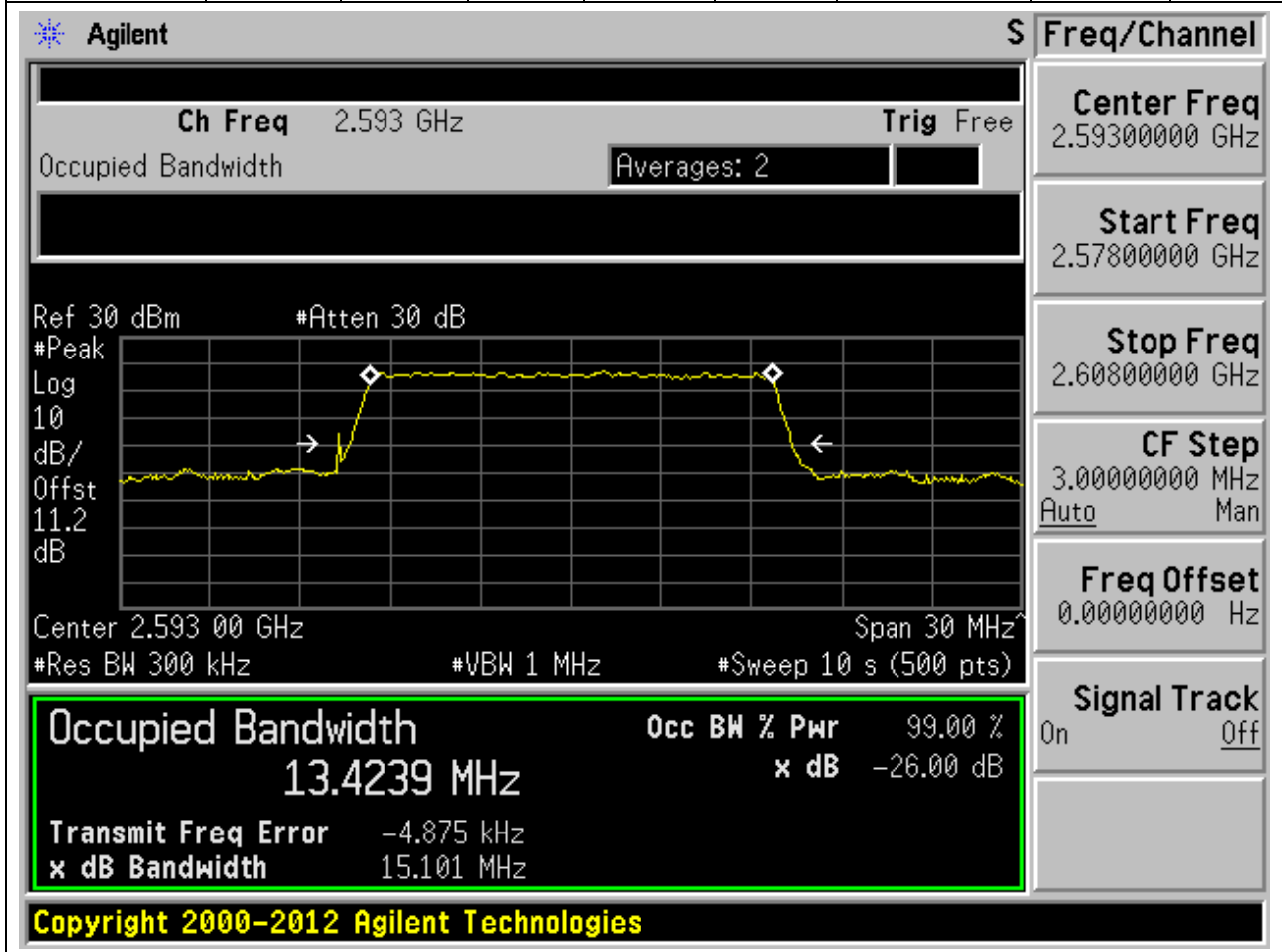
**18.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:39725, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.461	14.931	15	Pass



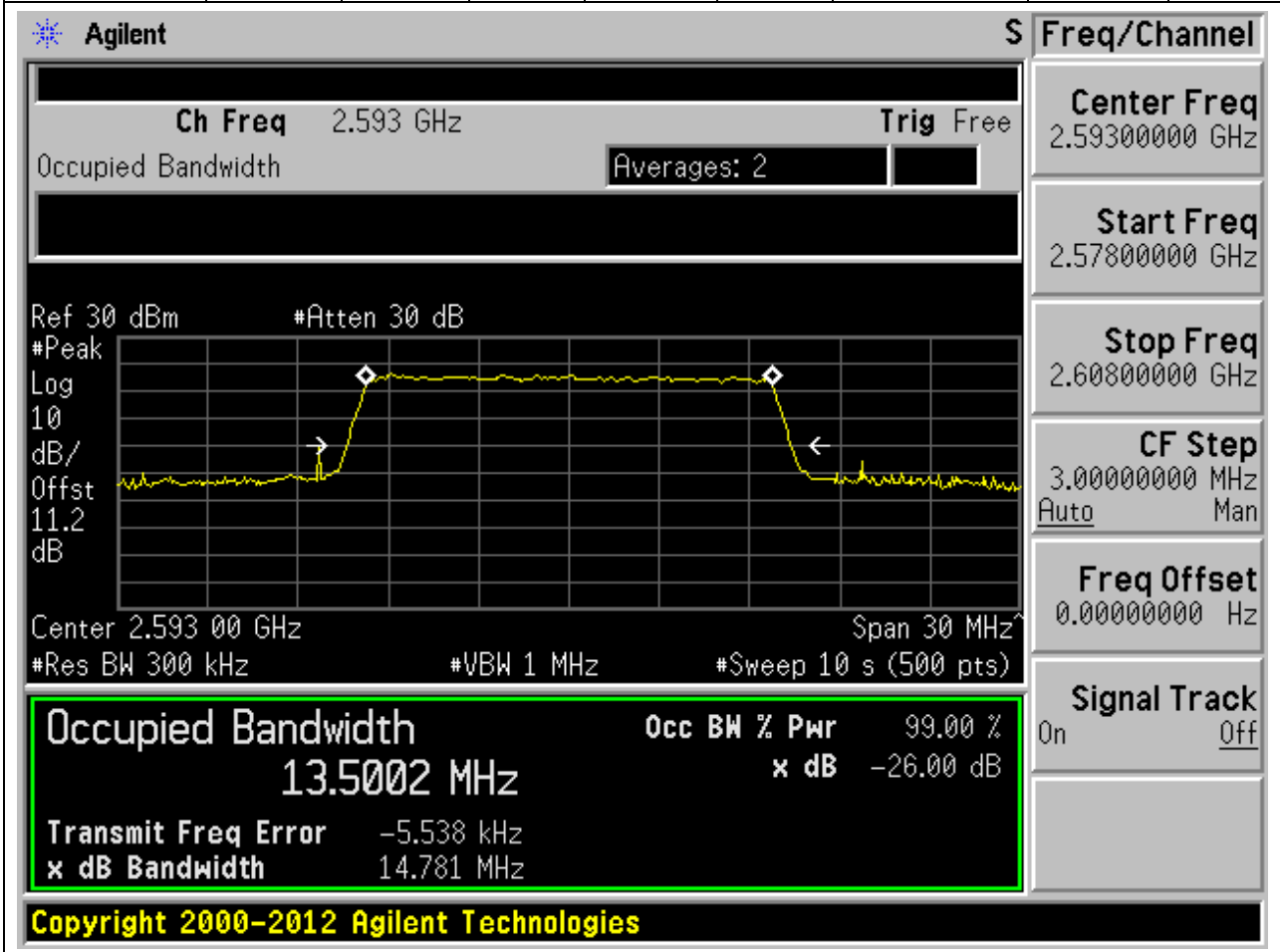
**18.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:40620, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.424	15.101	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.5	14.781	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.413	14.785	15	Pass

**Agilent** S

**Ch Freq** 2.6825 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

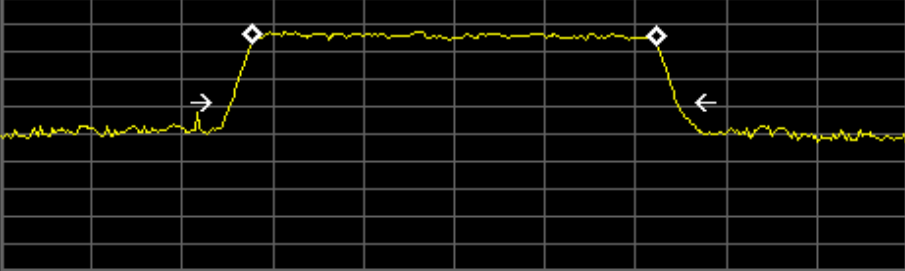
10

dB/

Offst

11.3

dB



Center 2.682 50 GHz Span 30 MHz

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

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

**13.4134 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -14.593 kHz

**x dB Bandwidth** 14.785 MHz

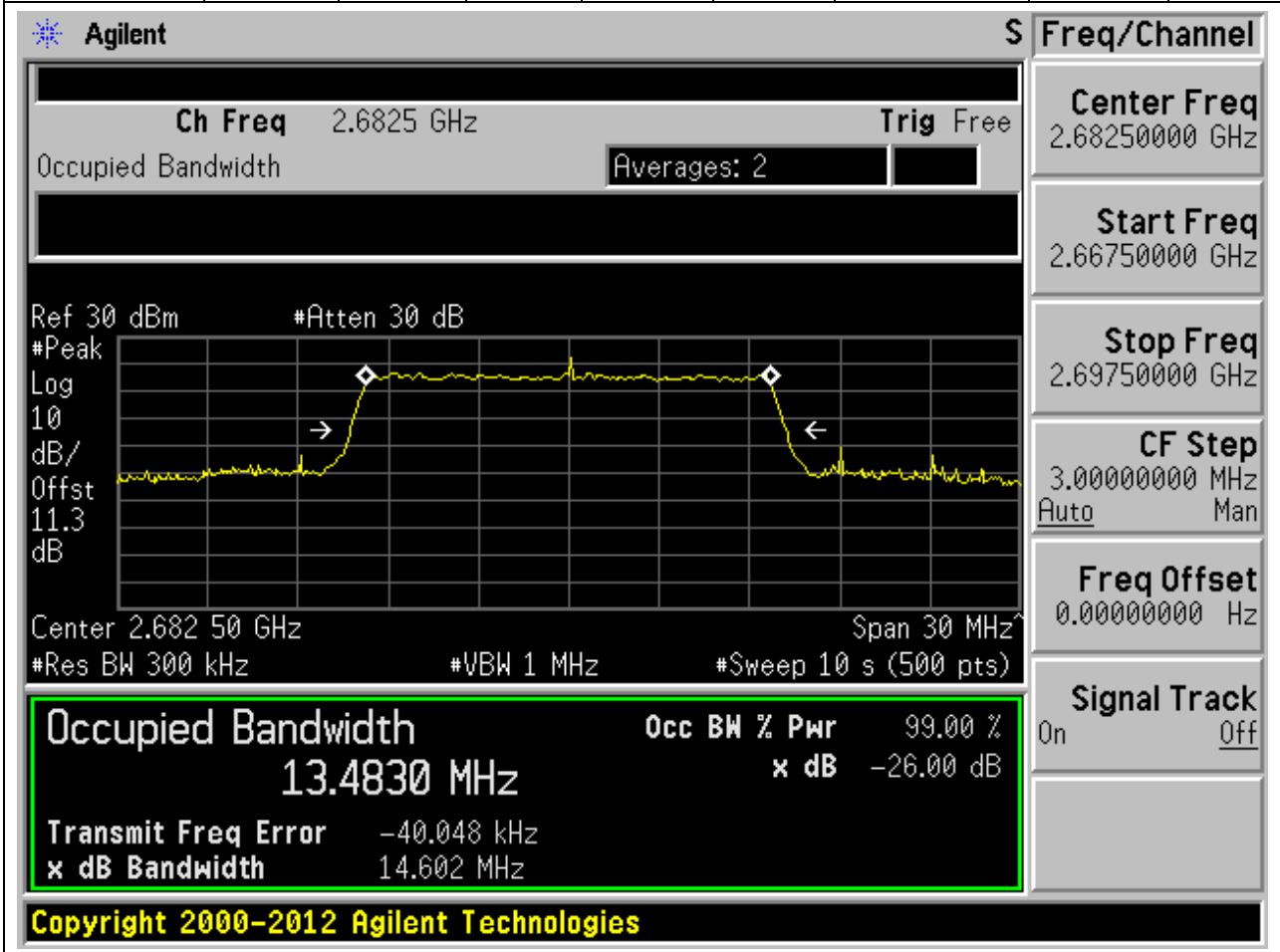
**Signal Track**

On Off

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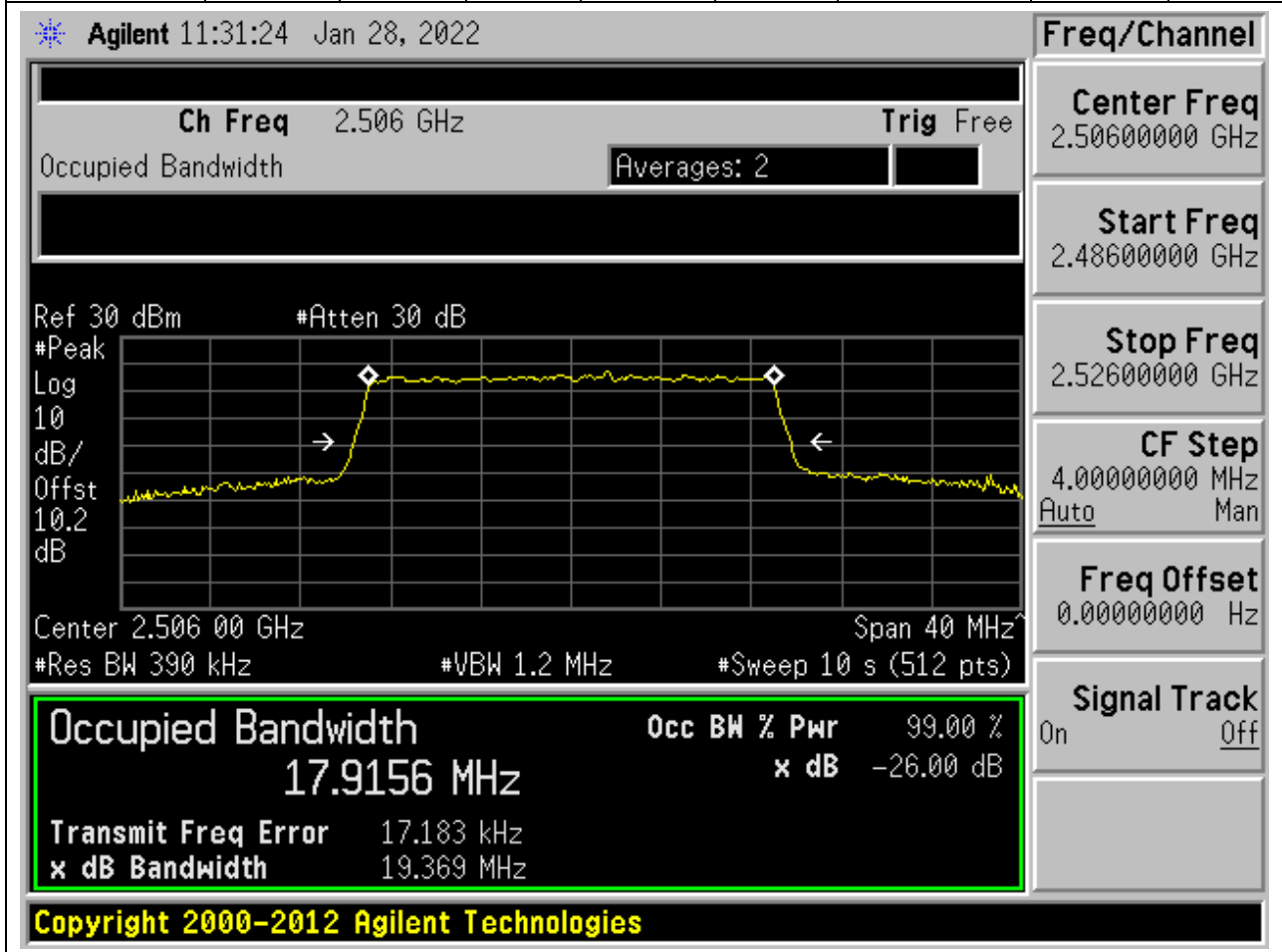
**18.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:41515, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.483	14.602	15	Pass



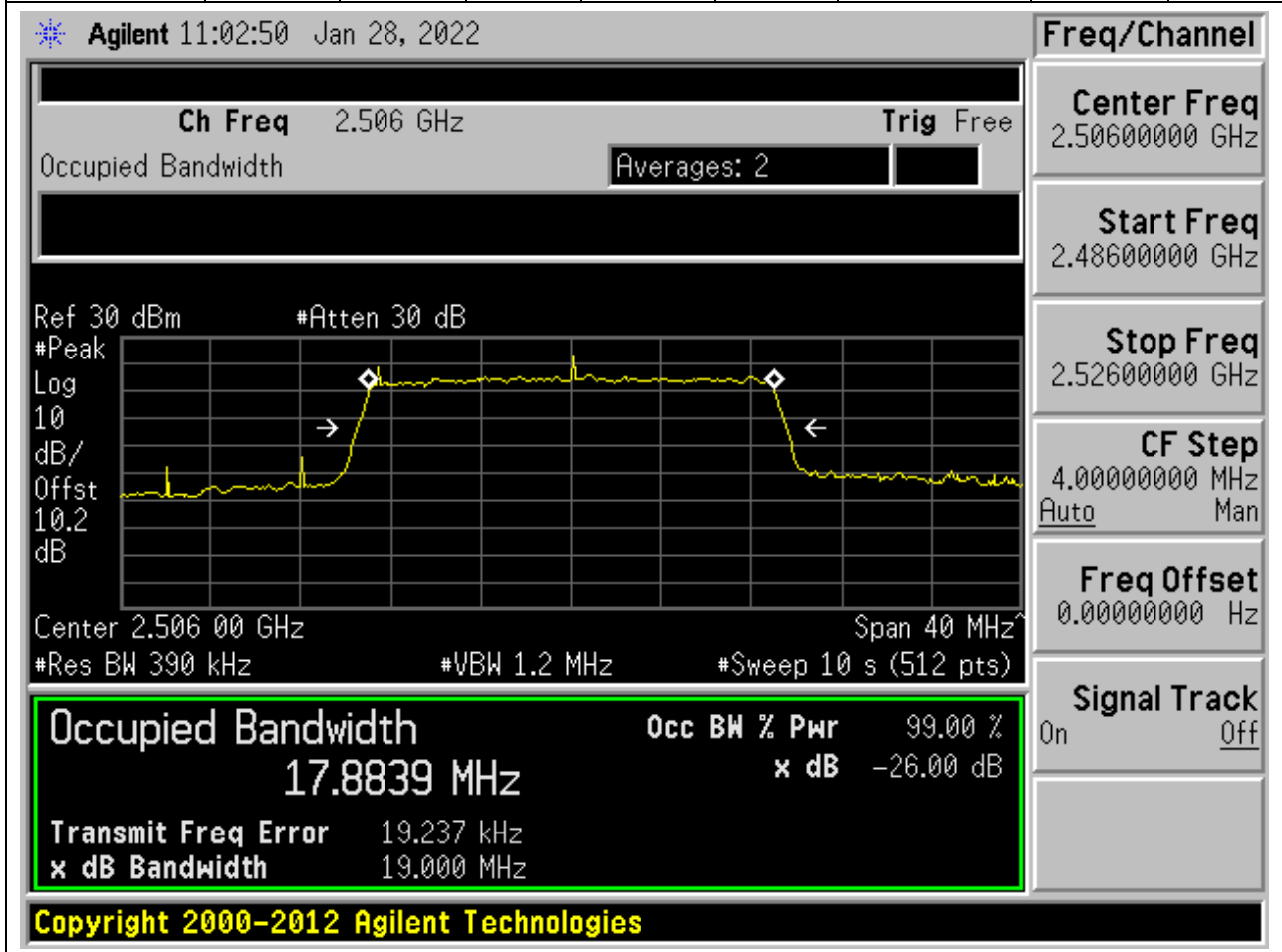
**18.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.916	19.369	20	Pass



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

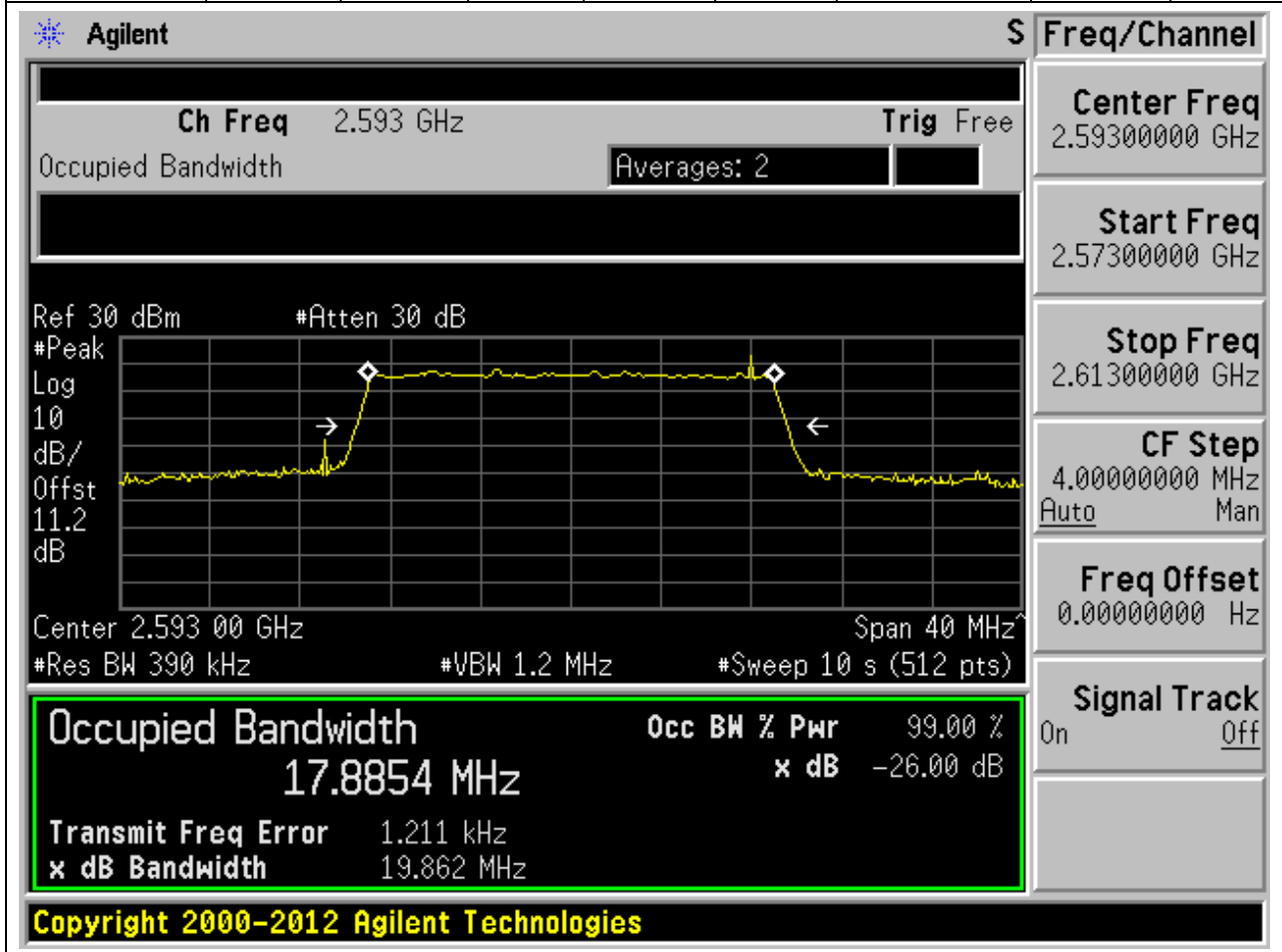
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.884	19	20	Pass





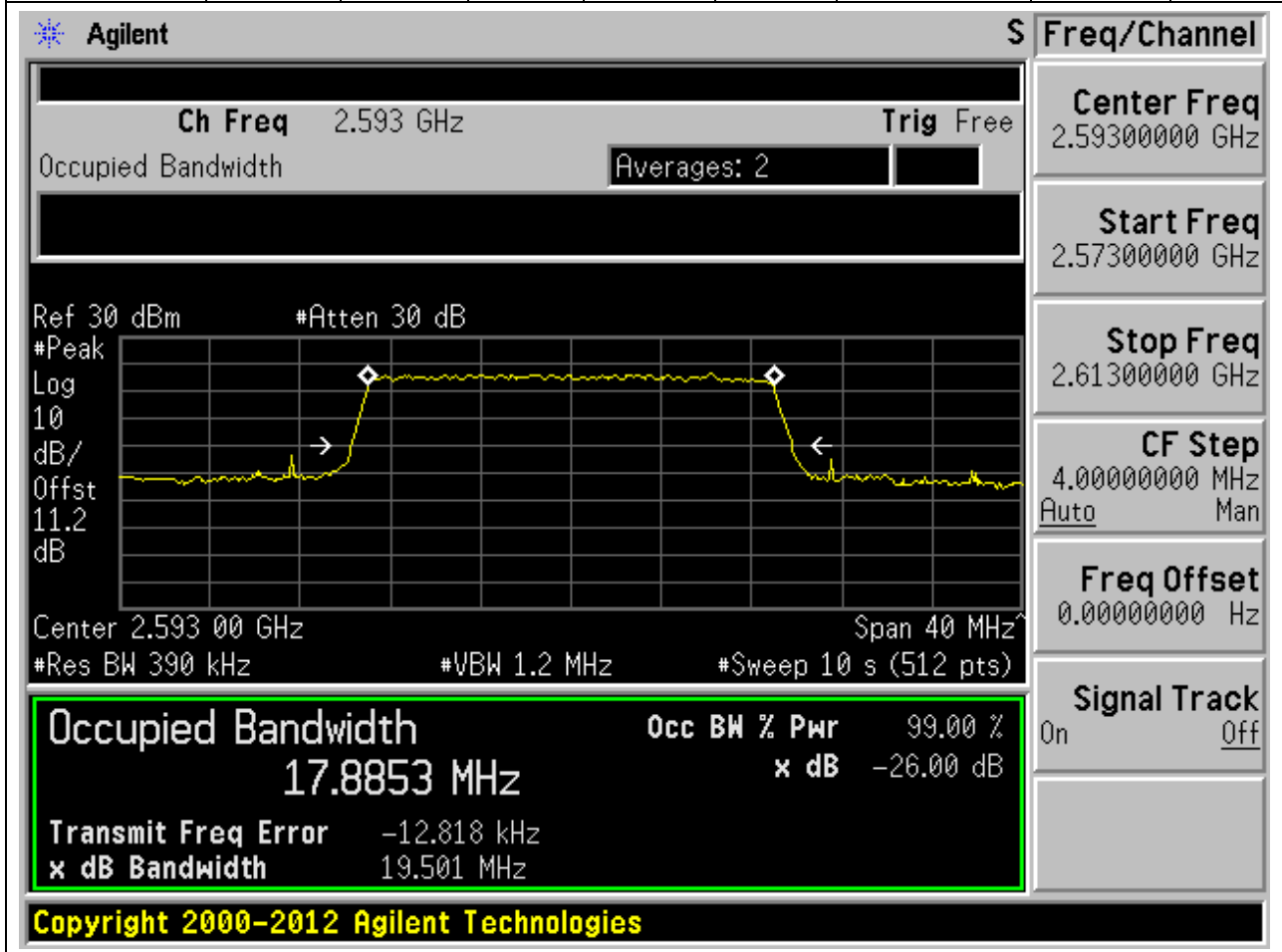
**18.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.885	19.862	20	Pass



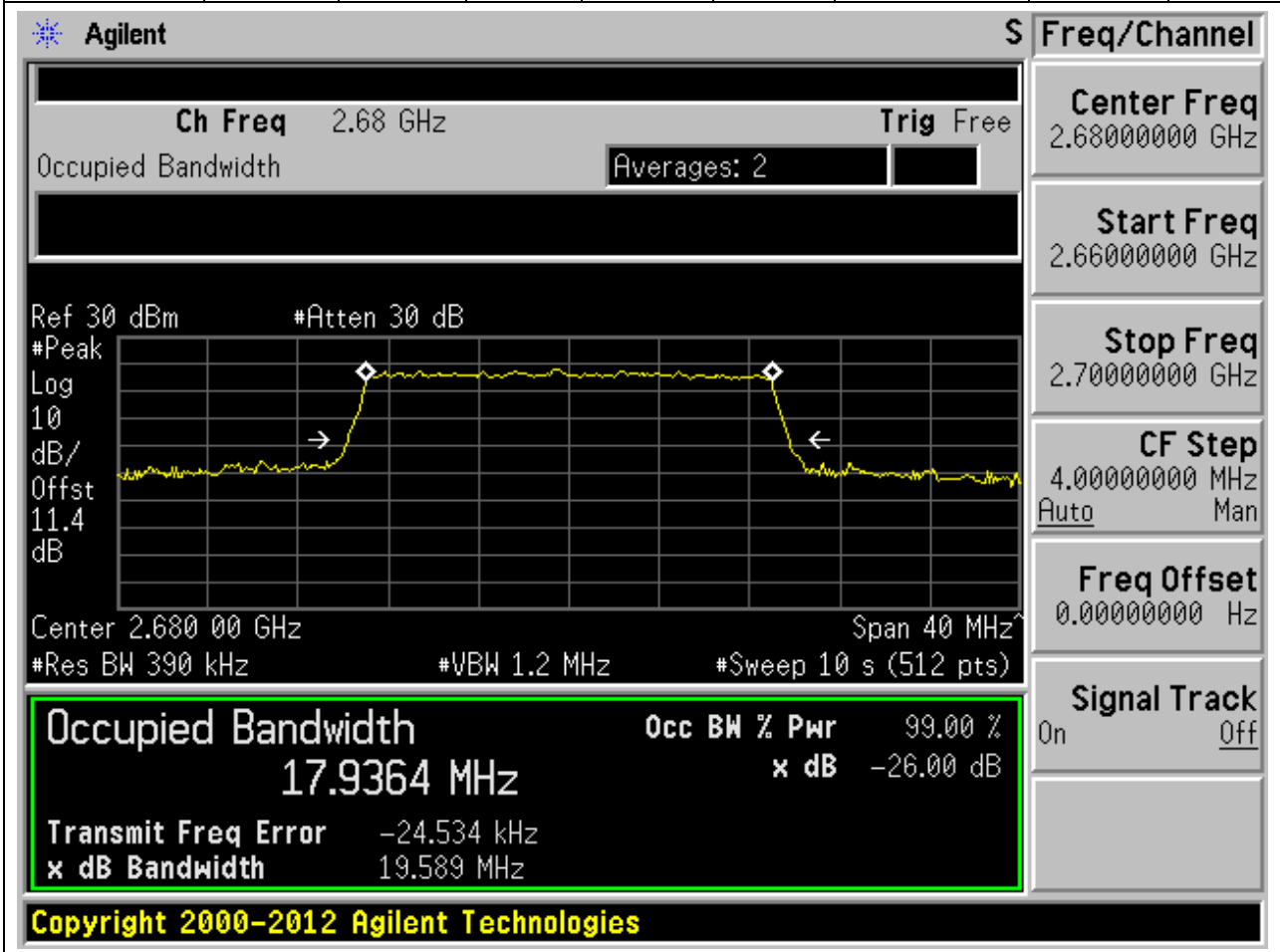
**18.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.885	19.501	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.936	19.589	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.898	19.568	20	Pass

Agilent
S

**Ch Freq** 2.68 GHz

Occupied Bandwidth

Averages: 2

**Trig** Free

Ref 30 dBm #Atten 30 dB

Center 2.680 00 GHz Span 40 MHz

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

**Center Freq** 2.68000000 GHz

**Start Freq** 2.66000000 GHz

**Stop Freq** 2.70000000 GHz

**CF Step** 4.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Occupied Bandwidth** 17.8979 MHz

**Transmit Freq Error** -21.110 kHz

**x dB Bandwidth** 19.568 MHz

**Occ BW % Pwr** 99.00 %

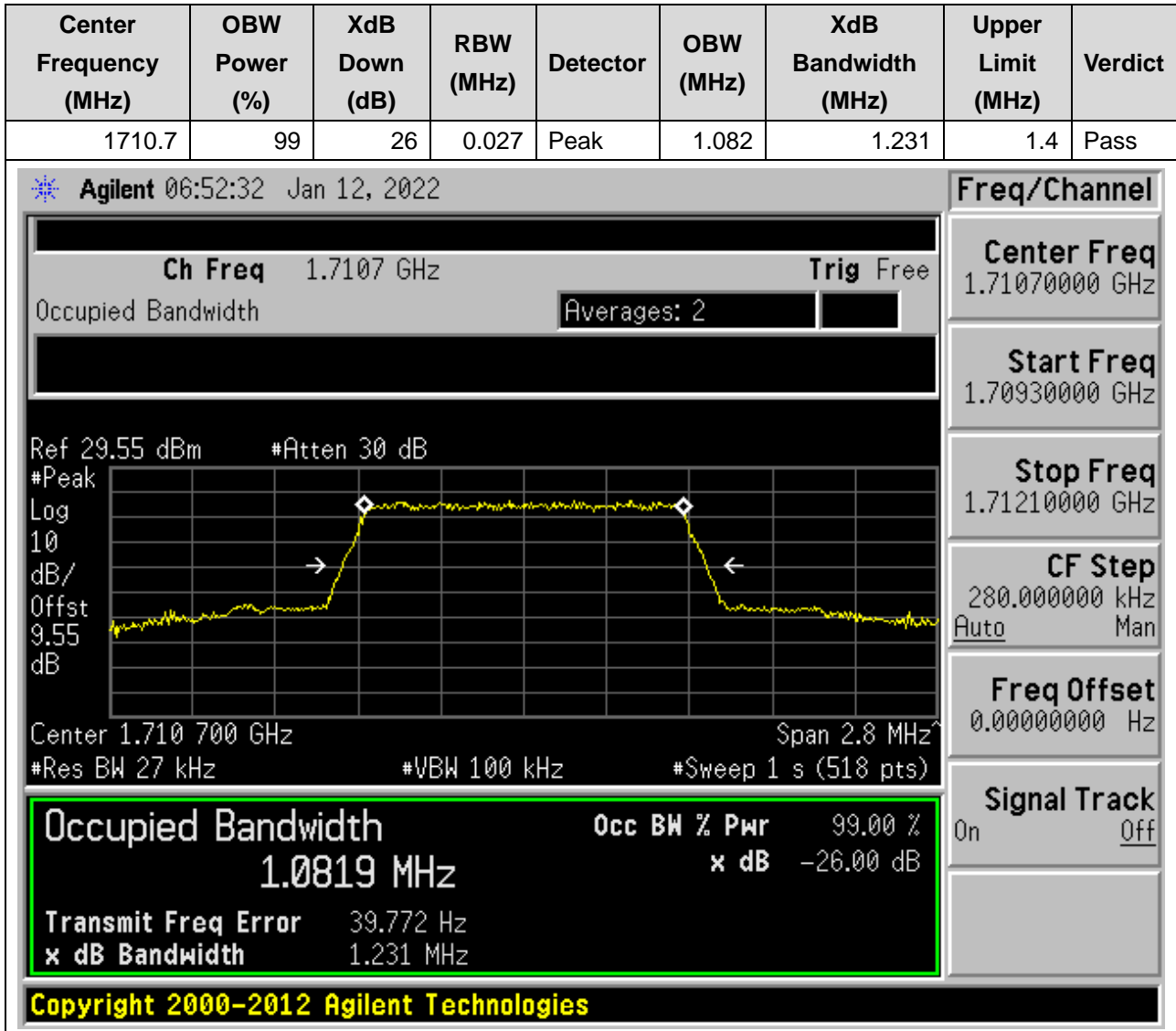
**x dB** -26.00 dB

**Signal Track** On Off

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## 19. LTE\_Band66

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



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

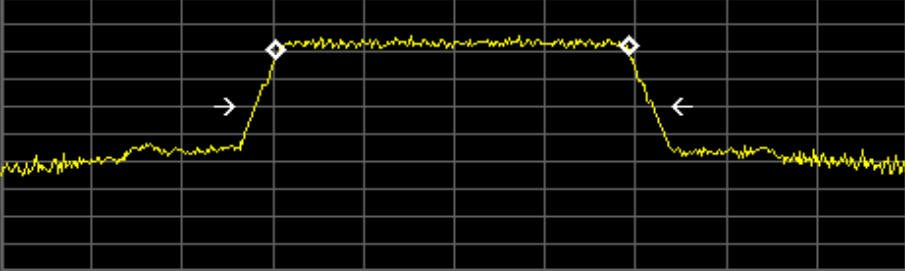
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.088	1.238	1.4	Pass

**Agilent** 06:52:43 Jan 12, 2022

**Ch Freq** 1.7107 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.55 dBm #Atten 30 dB



Center 1.710 700 GHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
1.71070000 GHz

**Start Freq**  
1.70930000 GHz

**Stop Freq**  
1.71210000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0883 MHz** **x dB** -26.00 dB

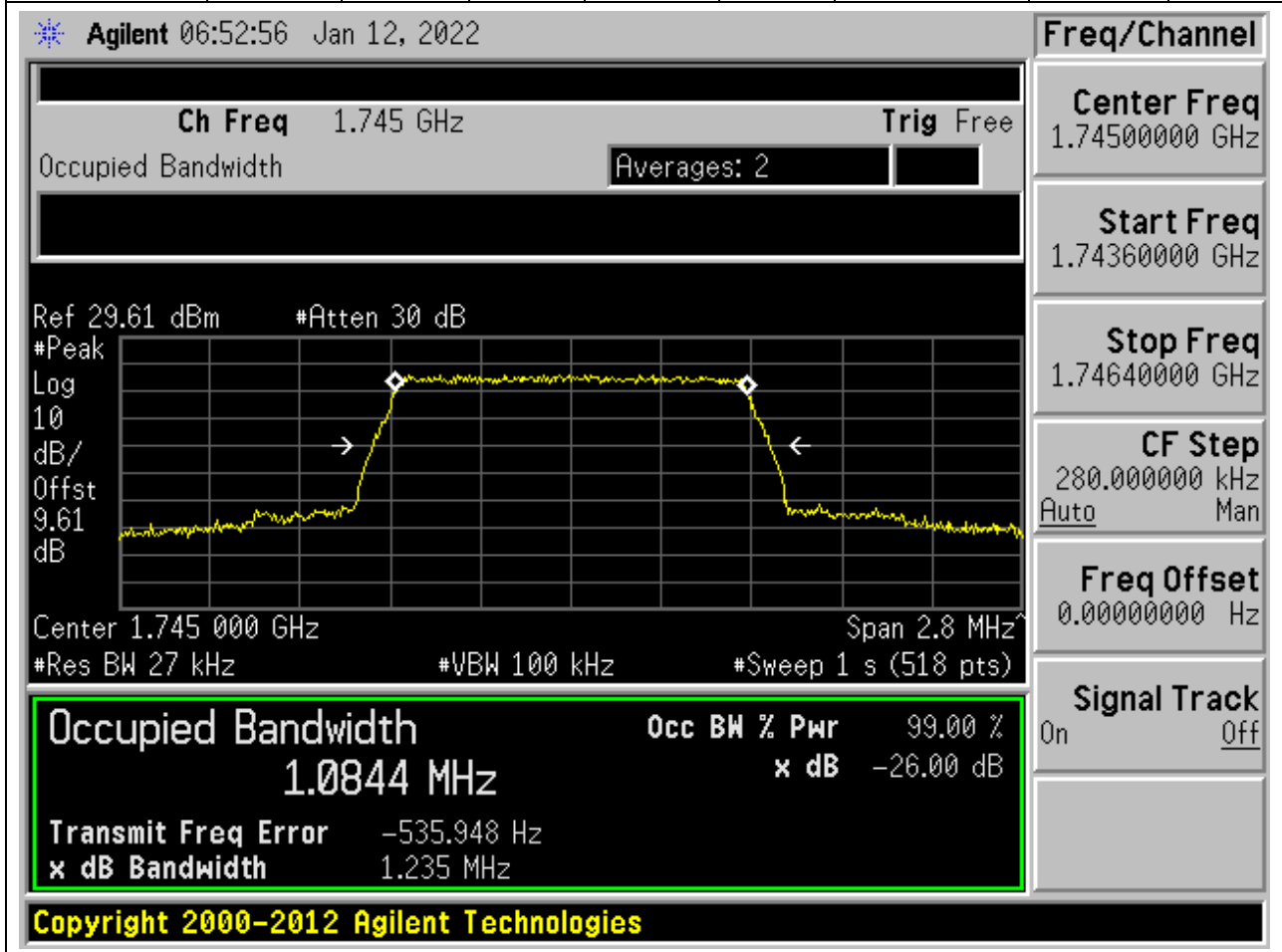
**Transmit Freq Error** -3.363 kHz

**x dB Bandwidth** 1.238 MHz

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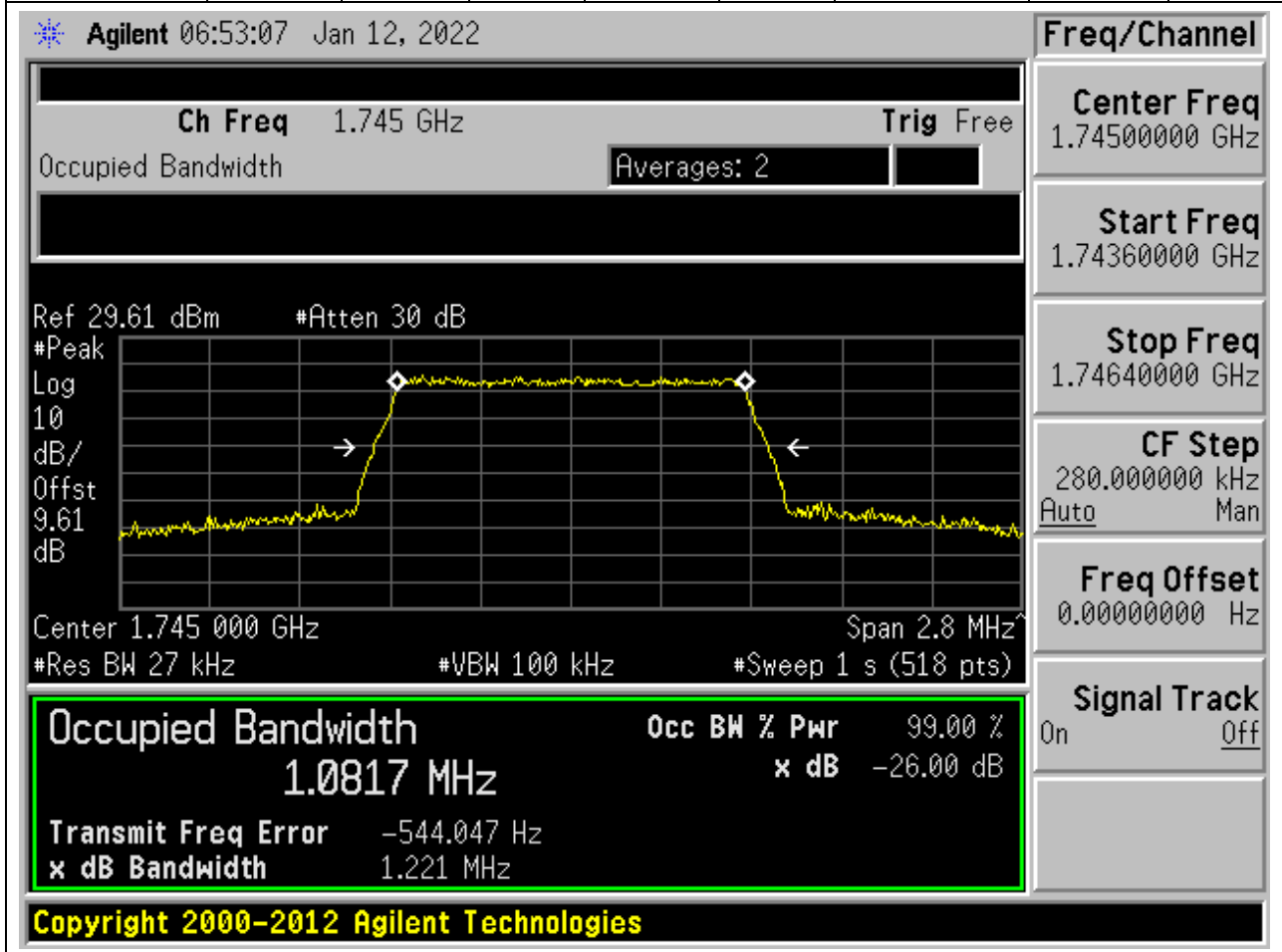
**19.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.084	1.235	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.082	1.221	1.4	Pass





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

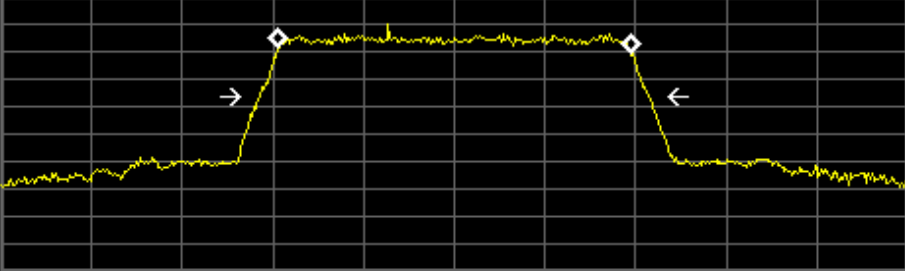
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.088	1.198	1.4	Pass

**Agilent** 06:53:20 Jan 12, 2022

**Ch Freq** 1.7793 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.69 dBm #Atten 30 dB



Center 1.779 300 GHz Span 2.8 MHz  
#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

**Freq/Channel**

**Center Freq**  
1.77930000 GHz

**Start Freq**  
1.77790000 GHz

**Stop Freq**  
1.78070000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0885 MHz** **x dB** -26.00 dB

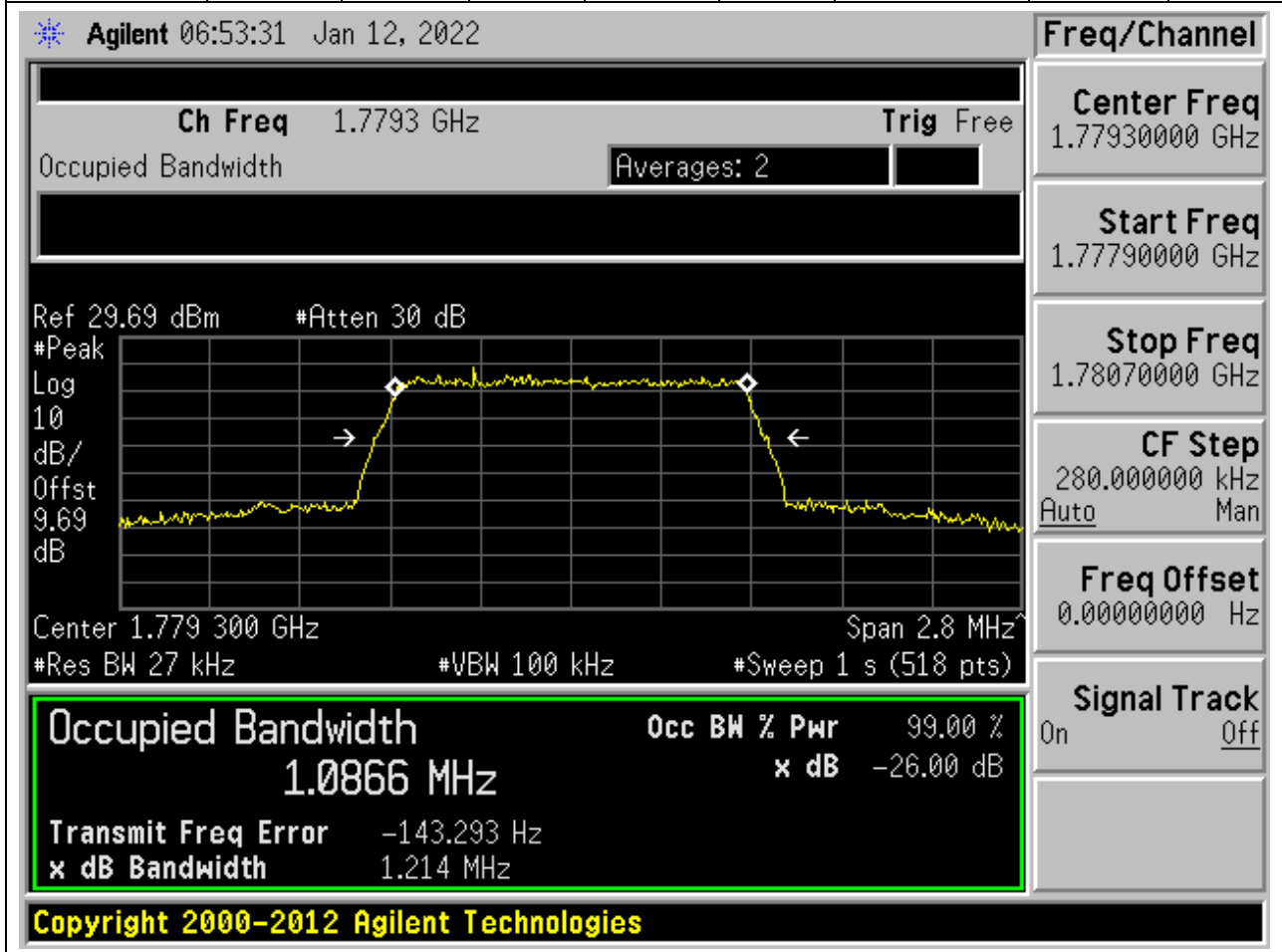
**Transmit Freq Error** -953.934 Hz

**x dB Bandwidth** 1.198 MHz

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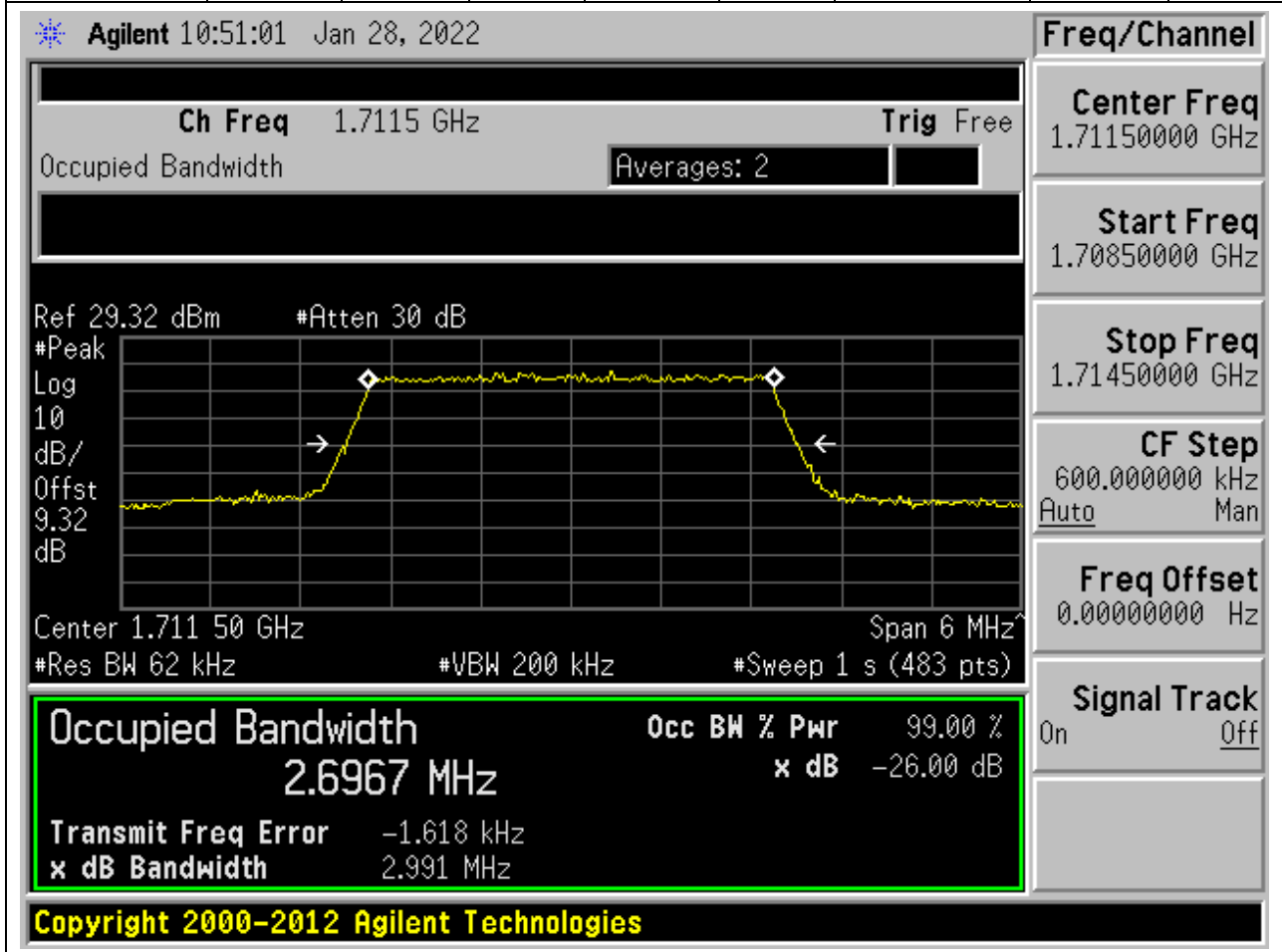
**19.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.087	1.214	1.4	Pass



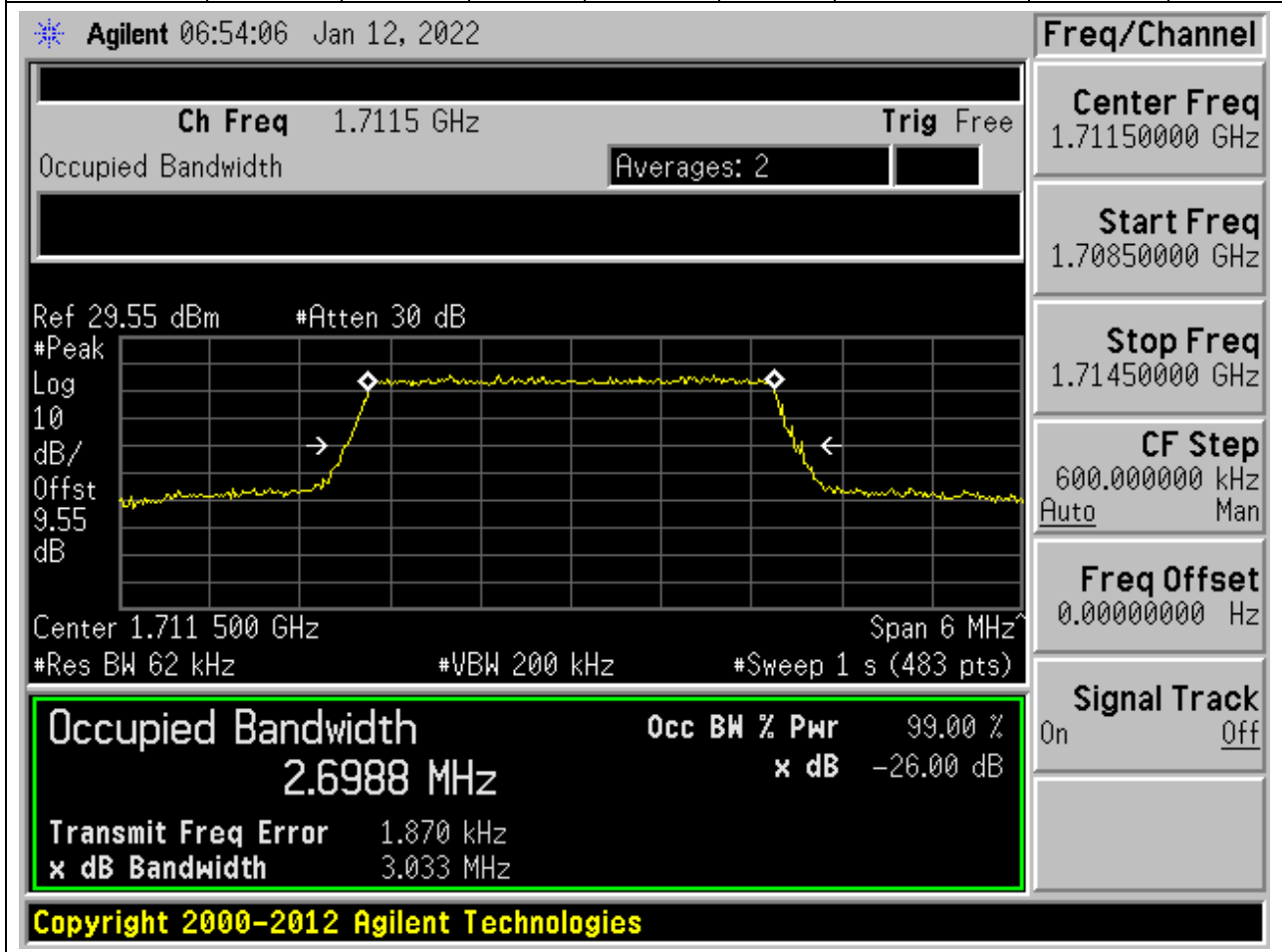
**19.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.697	2.991	3	Pass



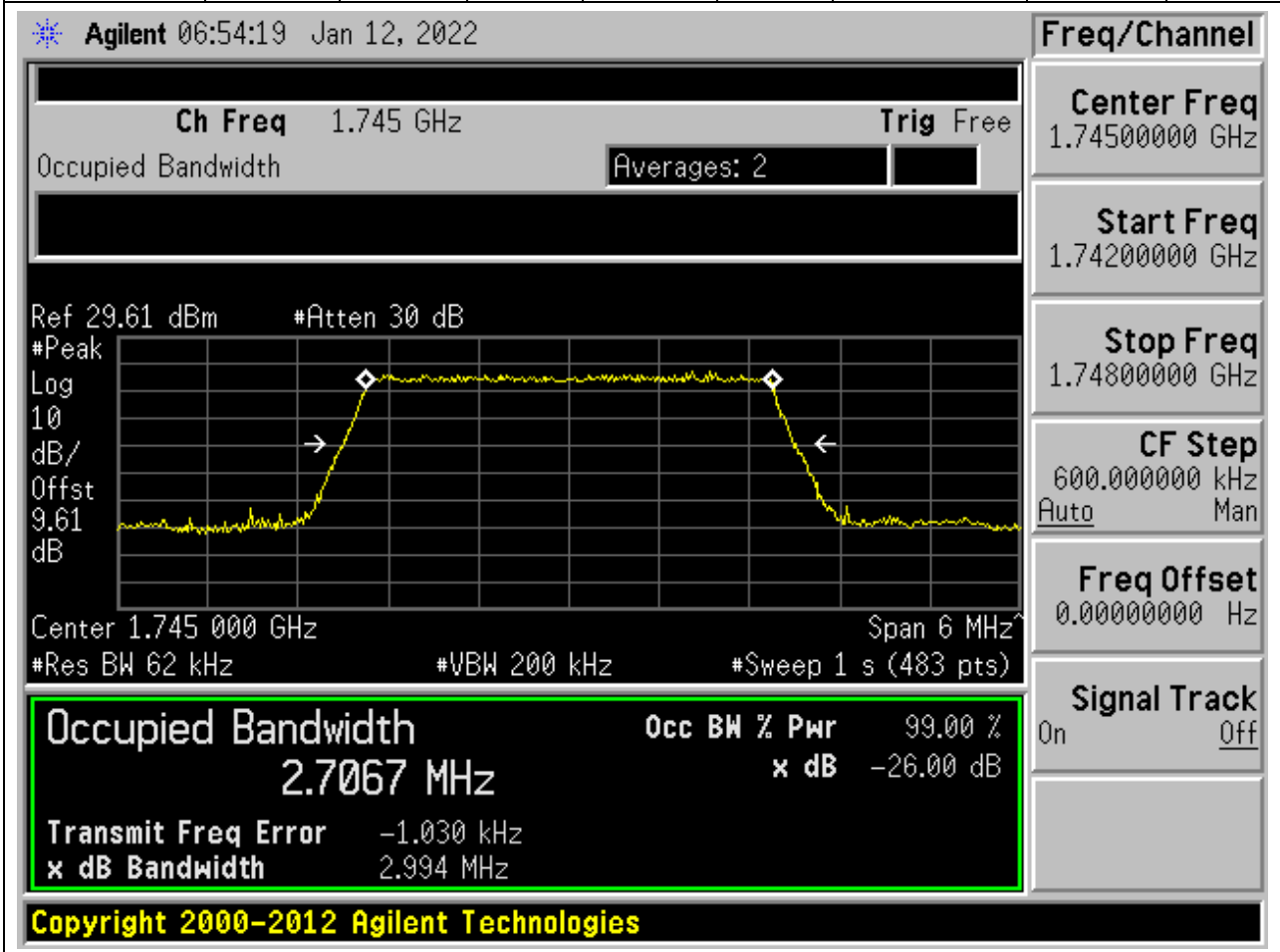
**19.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.699	3.033	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.707	2.994	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.697	3.007	3	Pass

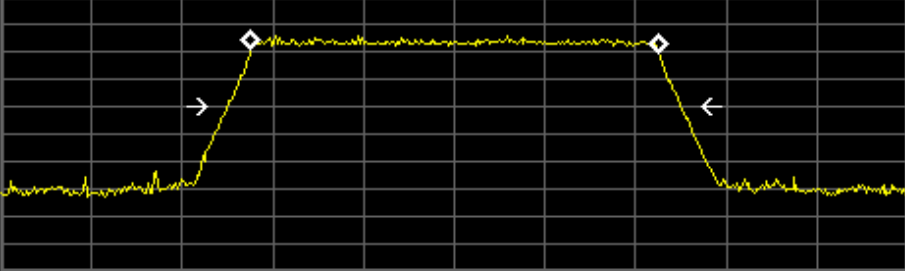
**Agilent** 06:54:30 Jan 12, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 29.61 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.61 dB



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

**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.74200000 GHz

**Stop Freq**  
1.74800000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**2.6972 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 21.974 Hz

**x dB Bandwidth** 3.007 MHz

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

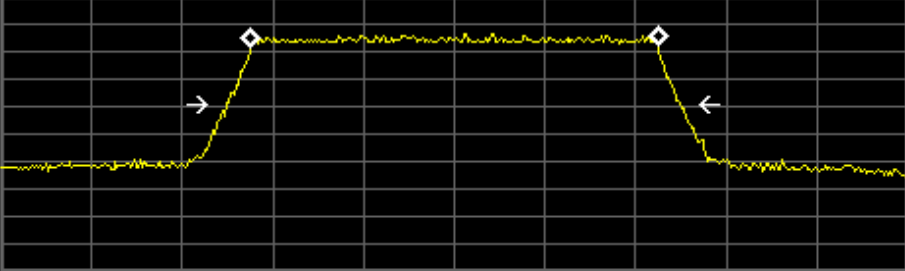
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1778.5	99	26	0.062	Peak	2.697	3.004	3	Pass

**Agilent** 06:54:43 Jan 12, 2022

**Ch Freq** 1.7785 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.68 dBm #Atten 30 dB



Center 1.778 500 GHz Span 6 MHz

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

**Freq/Channel**

**Center Freq**  
1.77850000 GHz

**Start Freq**  
1.77550000 GHz

**Stop Freq**  
1.78150000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**2.6966 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.760 kHz

**x dB Bandwidth** 3.004 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1778.5	99	26	0.062	Peak	2.694	3.02	3	Pass

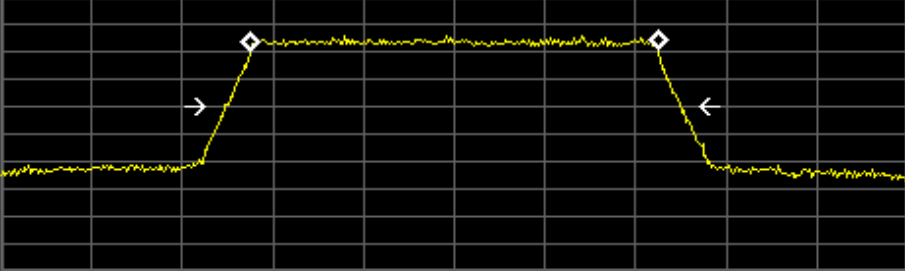
Agilent 06:54:54 Jan 12, 2022

**Ch Freq** 1.7785 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.68 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.68 dB



Center 1.778 500 GHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6940 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.313 kHz	
<b>x dB Bandwidth</b>	3.020 MHz	

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**Freq/Channel**

**Center Freq**  
1.77850000 GHz

**Start Freq**  
1.77550000 GHz

**Stop Freq**  
1.78150000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.504	4.983	5	Pass

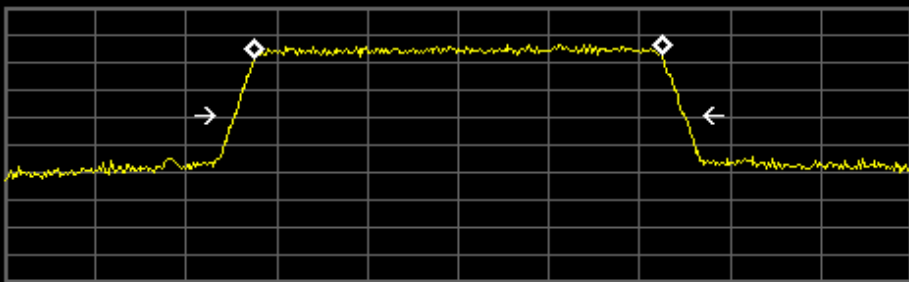
**Agilent** 06:55:18 Jan 12, 2022

**Ch Freq** 1.7125 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.54 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.54 dB



Center 1.712 500 GHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
1.71250000 GHz

**Start Freq**  
1.70750000 GHz

**Stop Freq**  
1.71750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.5036 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 1.822 kHz

**x dB Bandwidth** 4.983 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.492	4.964	5	Pass

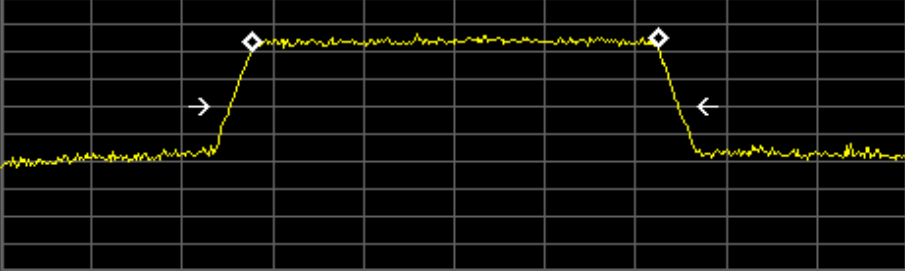
**Agilent** 06:55:28 Jan 12, 2022

**Ch Freq** 1.7125 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.54 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.54 dB



Center 1.712 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4915 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.199 kHz	
<b>x dB Bandwidth</b>	4.964 MHz	

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**Freq/Channel**

**Center Freq**  
1.71250000 GHz

**Start Freq**  
1.70750000 GHz

**Stop Freq**  
1.71750000 GHz

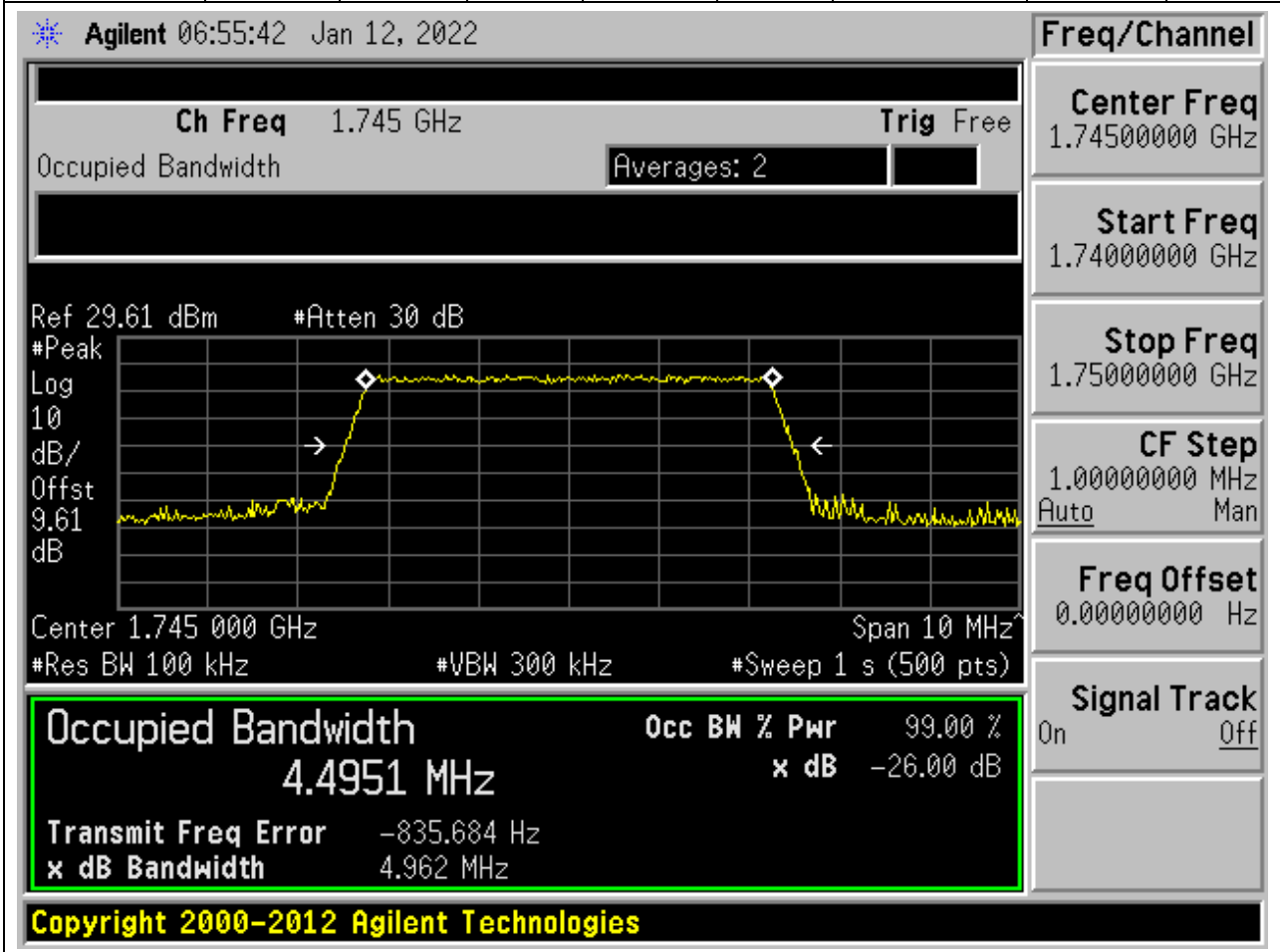
**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

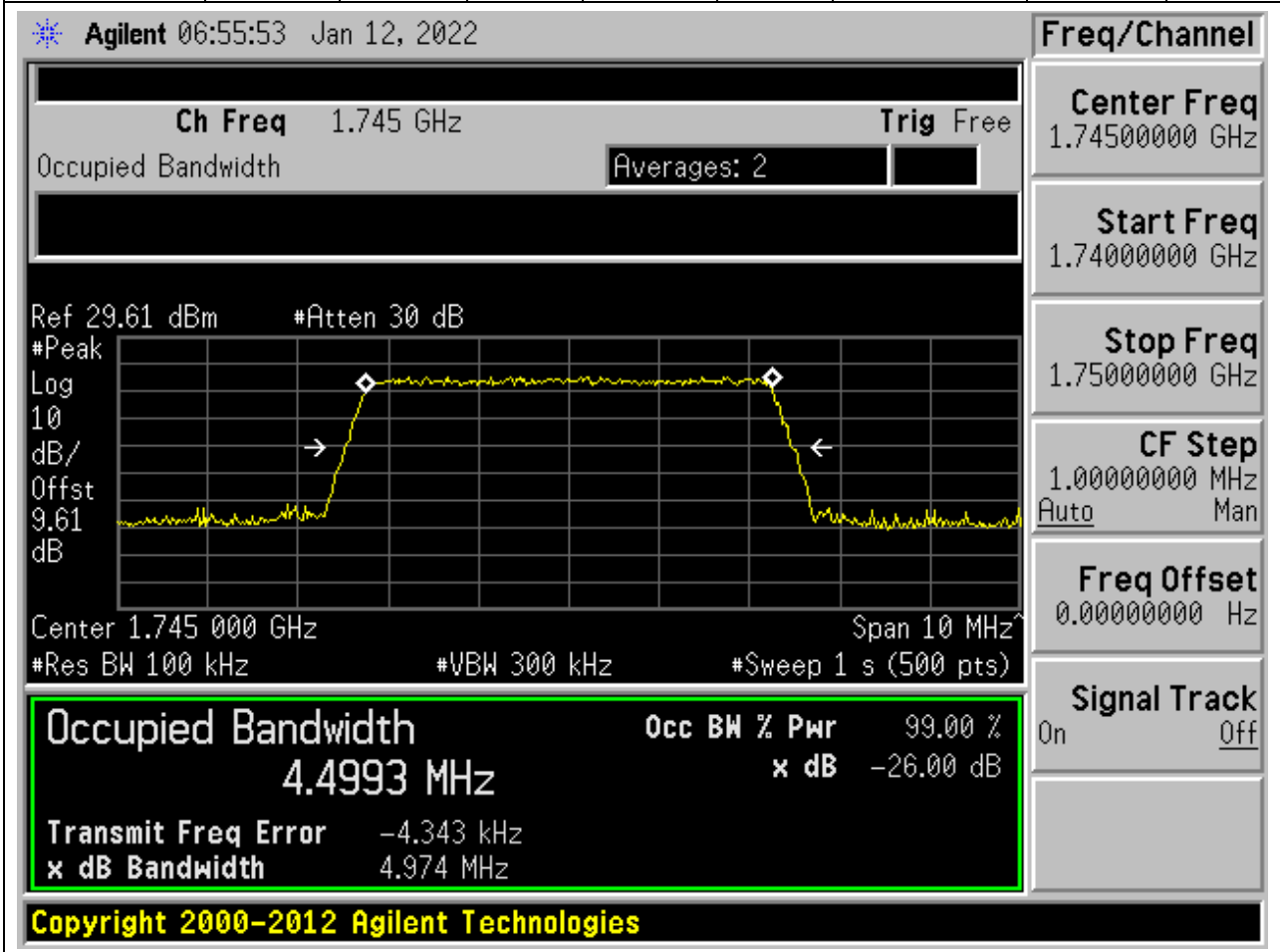
**19.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.495	4.962	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.499	4.974	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.493	4.951	5	Pass

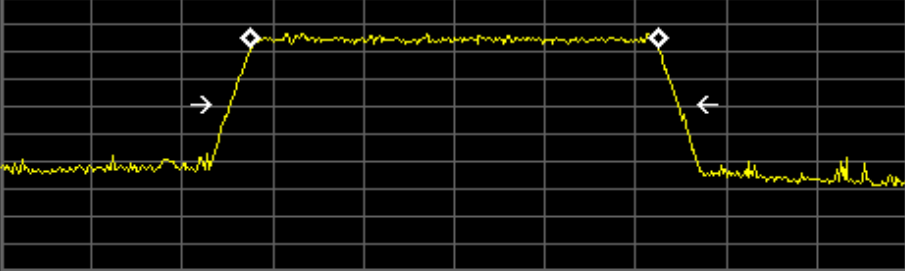
Agilent 06:56:06 Jan 12, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 29.68 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.68 dB



Center 1.777 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4928 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-394.012 Hz	
<b>x dB Bandwidth</b>	4.951 MHz	

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**Freq/Channel**

**Center Freq**  
1.77750000 GHz

**Start Freq**  
1.77250000 GHz

**Stop Freq**  
1.78250000 GHz

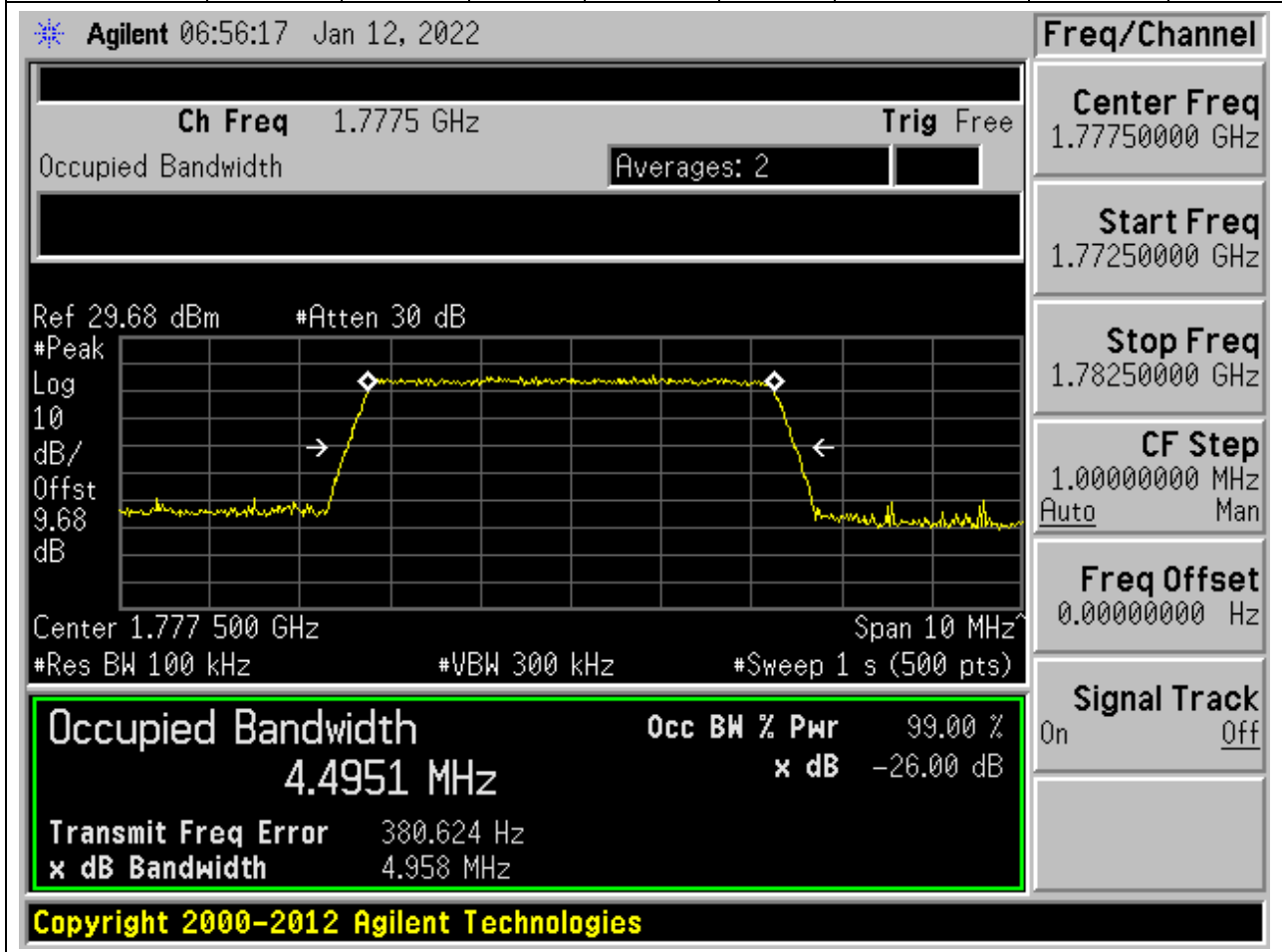
**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.495	4.958	5	Pass



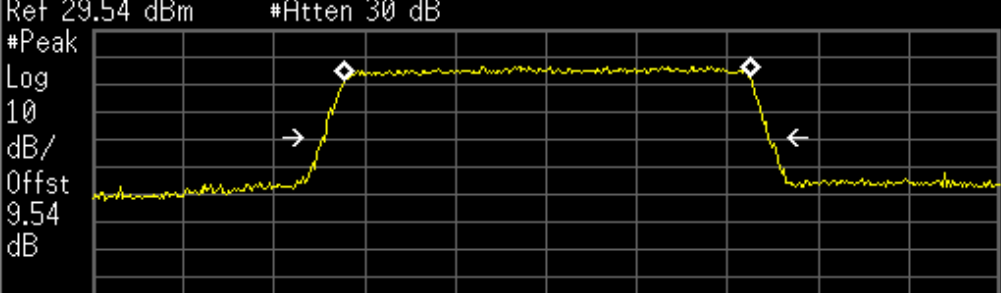
**19.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.959	9.84	10	Pass

**Agilent** 06:56:41 Jan 12, 2022

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

Occupied Bandwidth **Averages: 2**



Ref 29.54 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.54 dB

Center 1.715 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.71500000 GHz

**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

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

**8.9589 MHz** **x dB** -26.00 dB

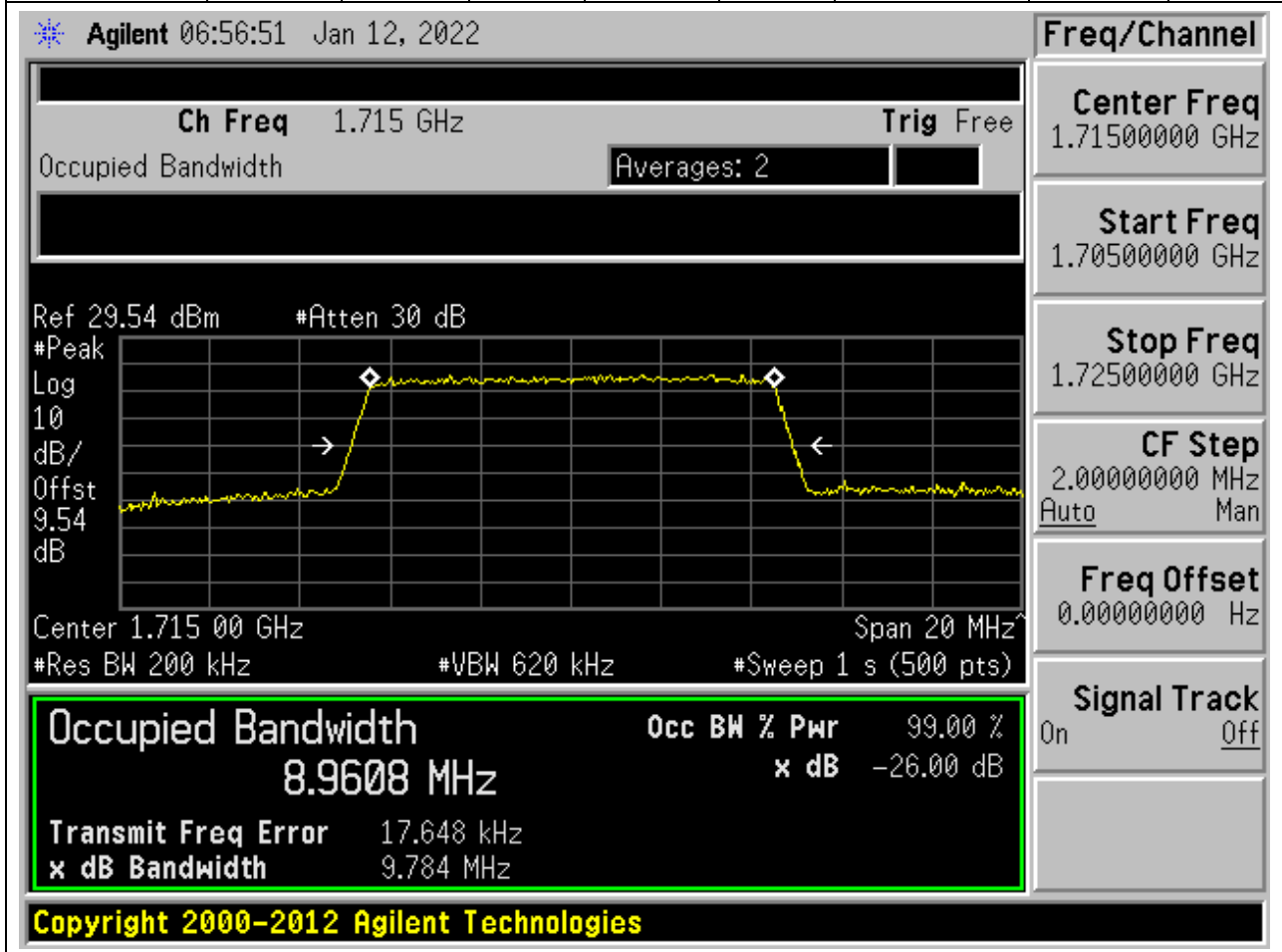
**Transmit Freq Error** 14.985 kHz

**x dB Bandwidth** 9.840 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.961	9.784	10	Pass





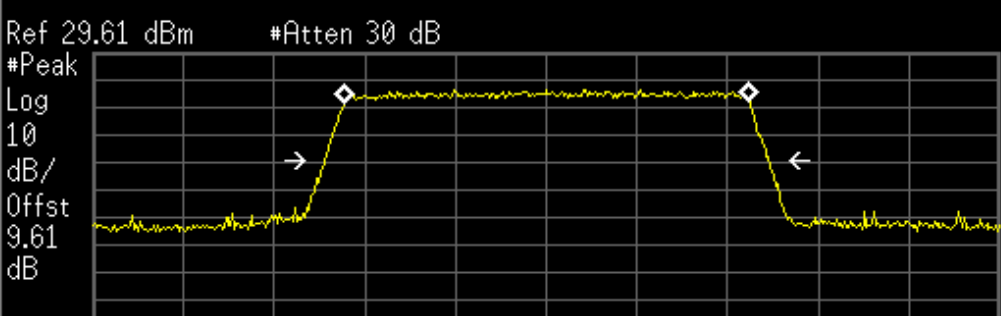
**19.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.939	9.837	10	Pass

**Agilent** 06:57:04 Jan 12, 2022

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

Occupied Bandwidth **Averages: 2**



Ref 29.61 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.61 dB

Center 1.745 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.73500000 GHz

**Stop Freq**  
1.75500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9394 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 4.832 kHz

**x dB Bandwidth** 9.837 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.2	Peak	8.964	9.756	10	Pass

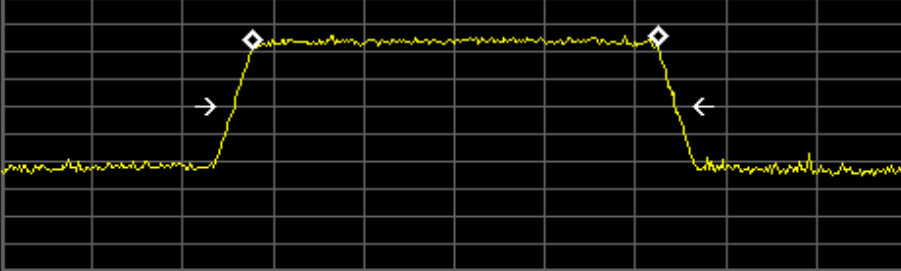
Agilent 10:51:20 Jan 28, 2022

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.38 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.38 dB



Center 1.745 00 GHz Span 20 MHz

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

**Freq/Channel**

Center Freq 1.74500000 GHz

Start Freq 1.73500000 GHz

Stop Freq 1.75500000 GHz

CF Step 2.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**8.9644 MHz** x dB -26.00 dB

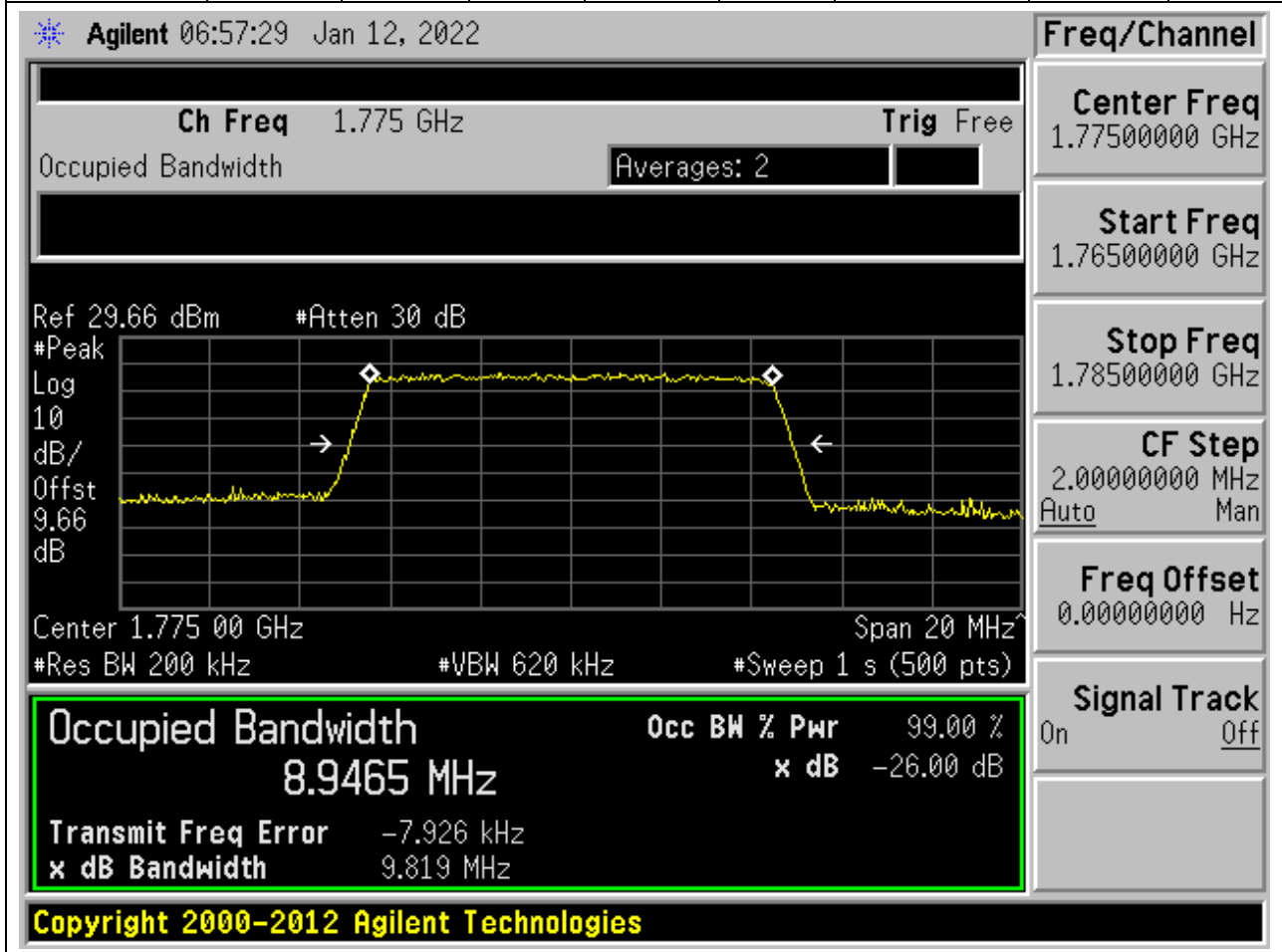
Transmit Freq Error 10.099 kHz

x dB Bandwidth 9.756 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.2	Peak	8.946	9.819	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.2	Peak	8.948	9.791	10	Pass

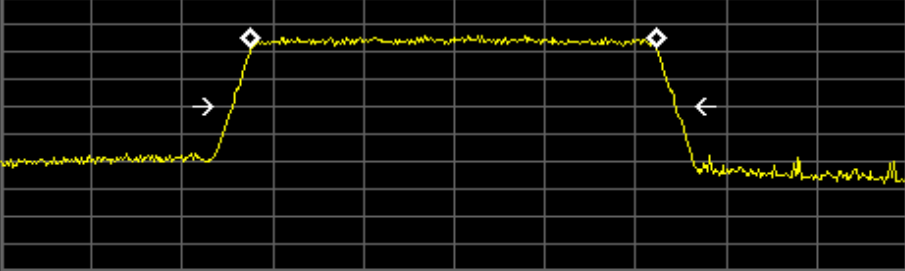
**Agilent** 06:57:39 Jan 12, 2022

**Ch Freq** 1.775 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.66 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.66 dB



Center 1.775 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.77500000 GHz

**Start Freq**  
1.76500000 GHz

**Stop Freq**  
1.78500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9481 MHz** **x dB** -26.00 dB

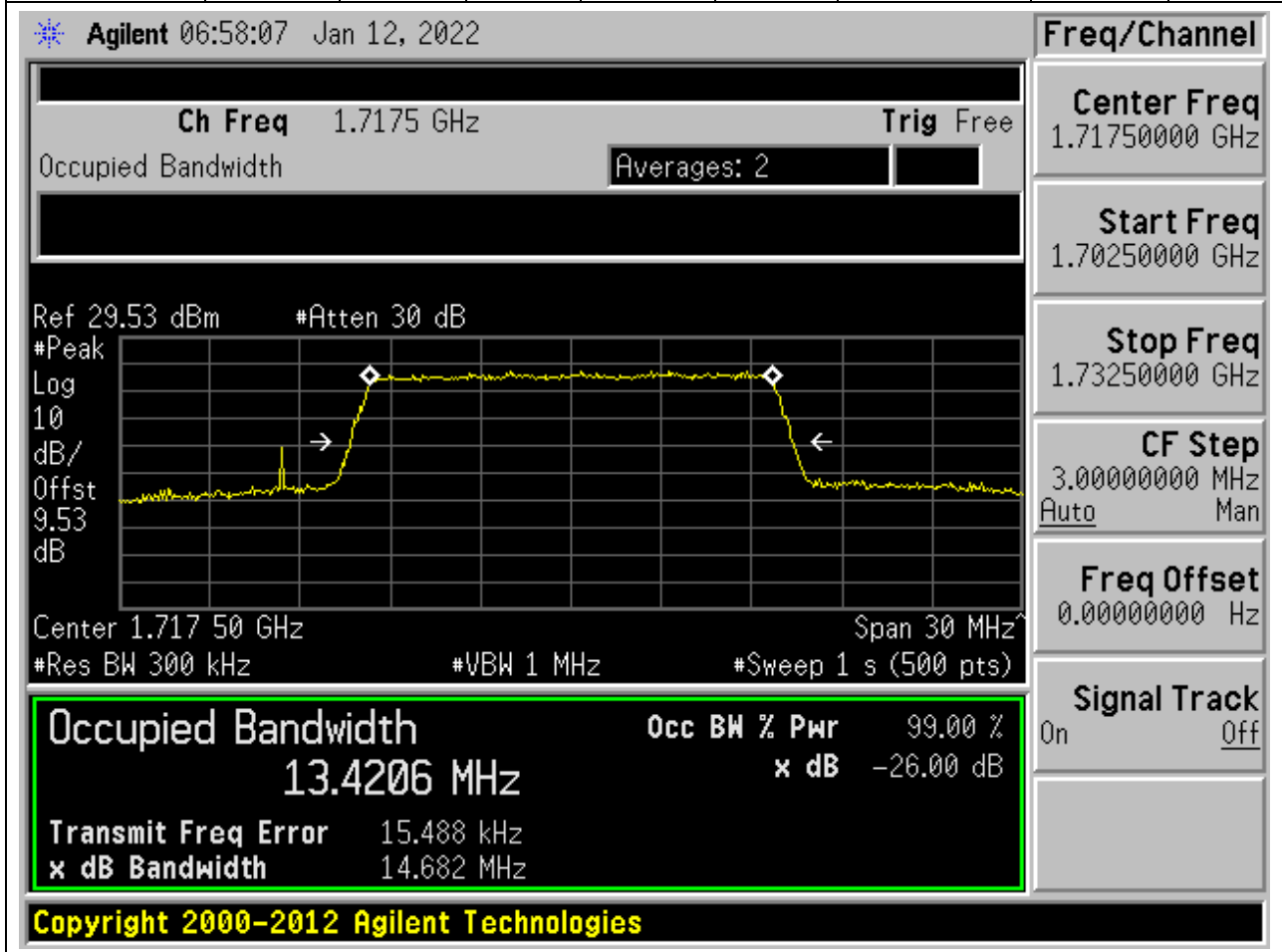
**Transmit Freq Error** -13.479 kHz

**x dB Bandwidth** 9.791 MHz

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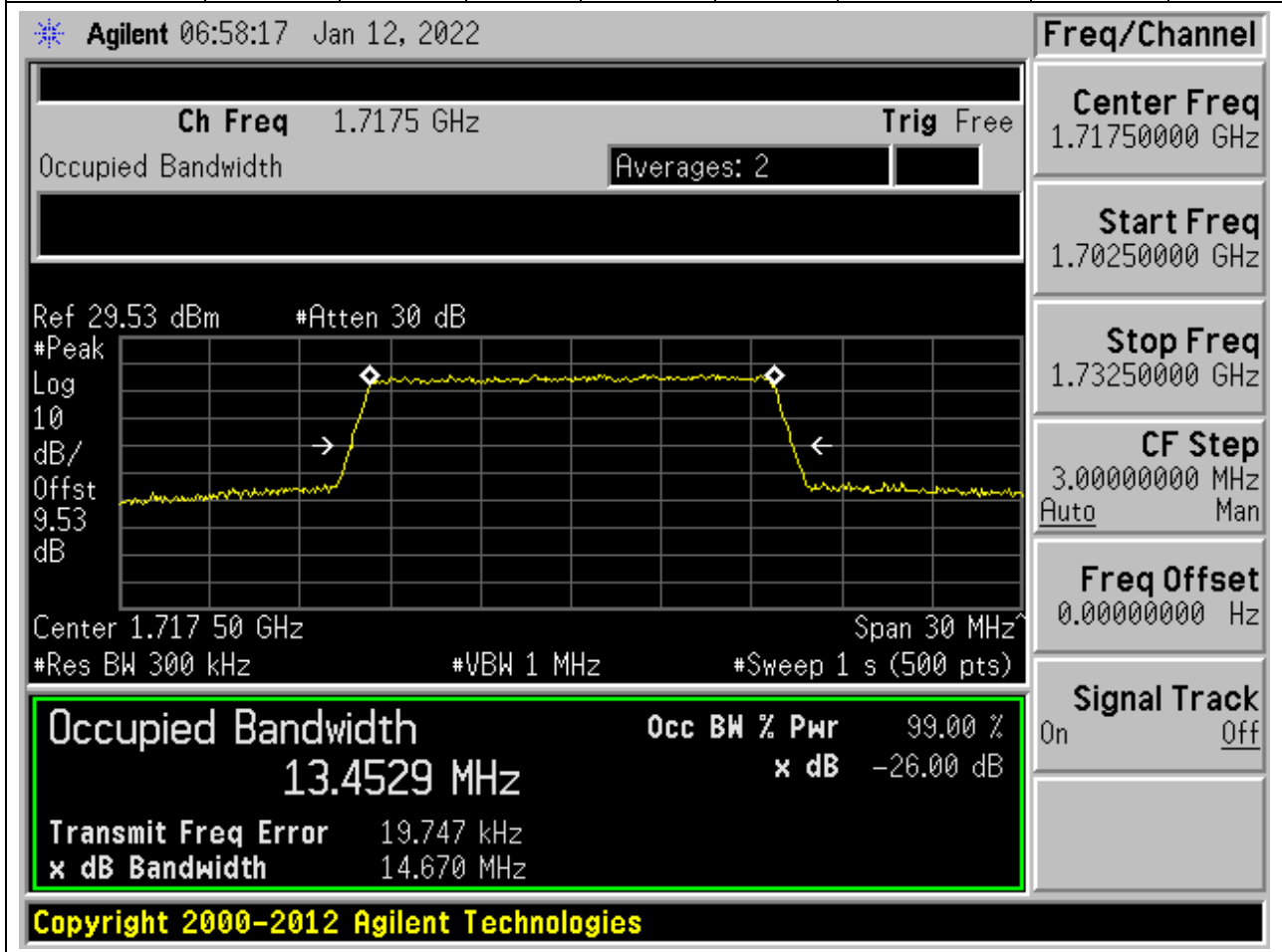
**19.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.421	14.682	15	Pass



**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	13.453	14.67	15	Pass



**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	13.45	14.749	15	Pass

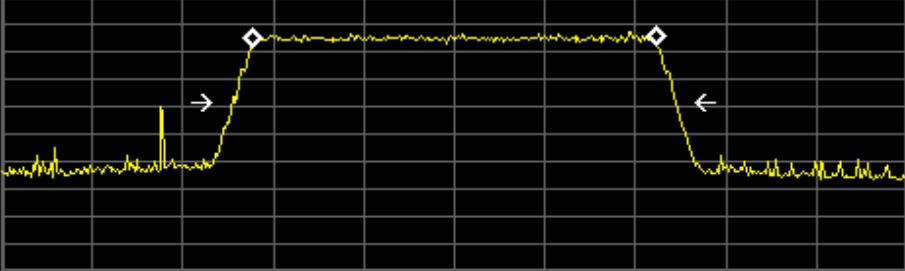
Agilent 10:51:36 Jan 28, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 29.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.38 dB



Center 1.745 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4499 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	3.640 kHz	
<b>x dB Bandwidth</b>	14.749 MHz	

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**Freq/Channel**

**Center Freq** 1.74500000 GHz

**Start Freq** 1.73000000 GHz

**Stop Freq** 1.76000000 GHz

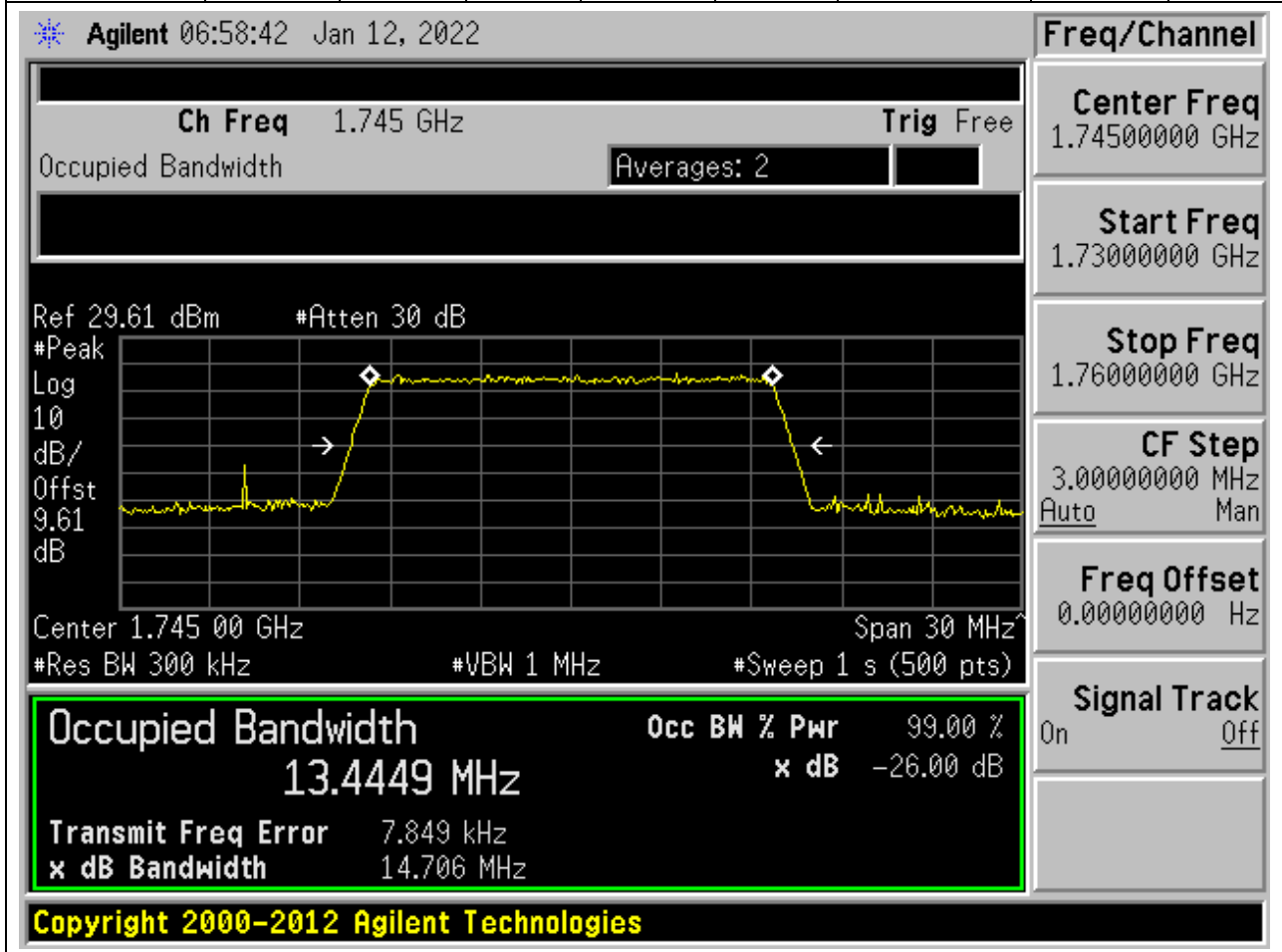
**CF Step** 3.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	13.445	14.706	15	Pass





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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.415	14.749	15	Pass

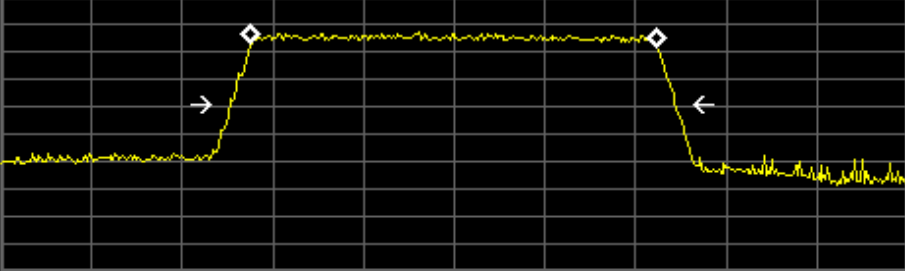
Agilent 06:58:55 Jan 12, 2022

**Ch Freq** 1.7725 GHz **Trig** Free

Occupied Bandwidth **Averages:** 2

Ref 29.65 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.65 dB



Center 1.772 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4151 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-20.449 kHz	
<b>x dB Bandwidth</b>	14.749 MHz	

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**Freq/Channel**

**Center Freq**  
1.77250000 GHz

**Start Freq**  
1.75750000 GHz

**Stop Freq**  
1.78750000 GHz

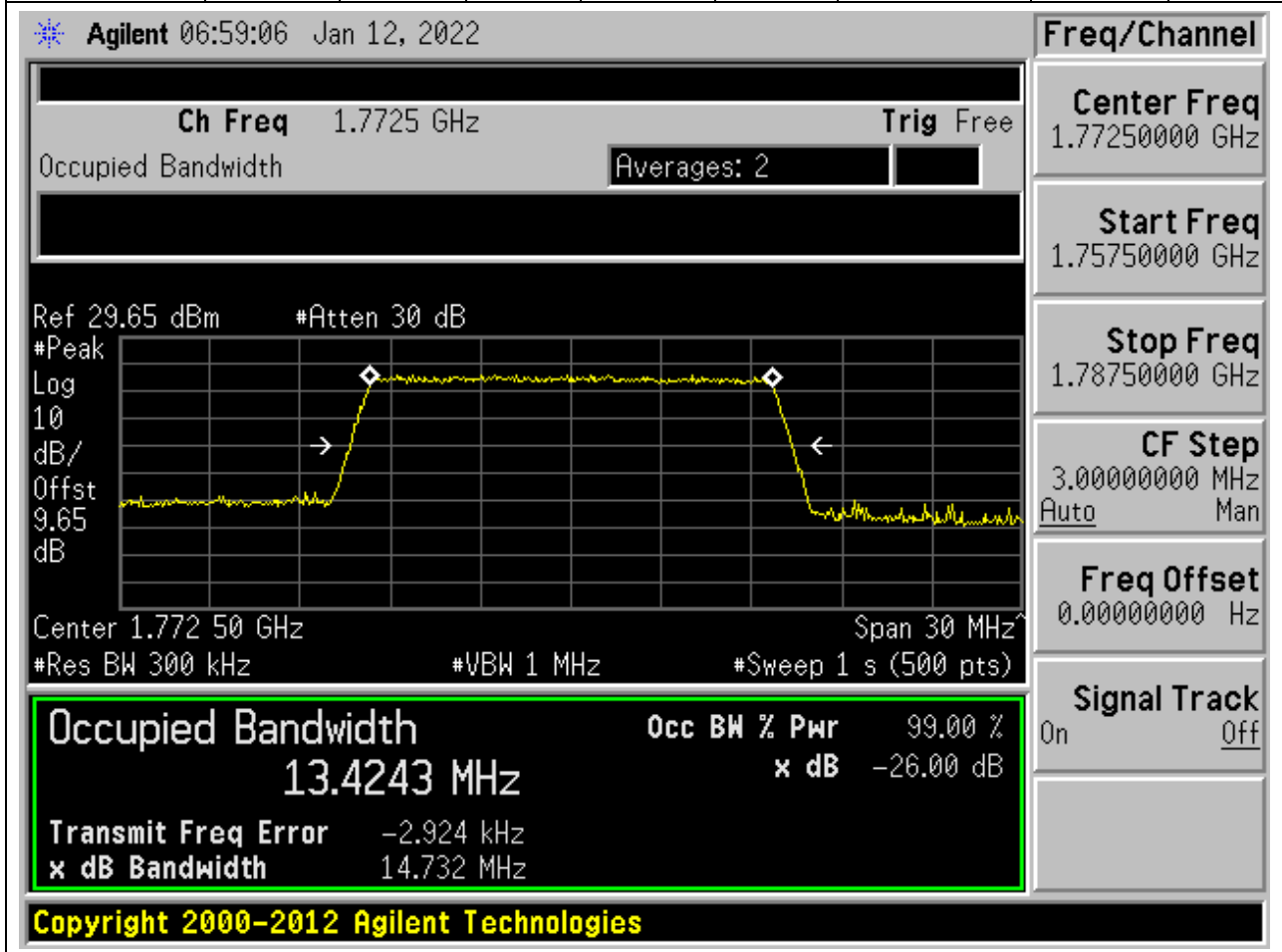
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

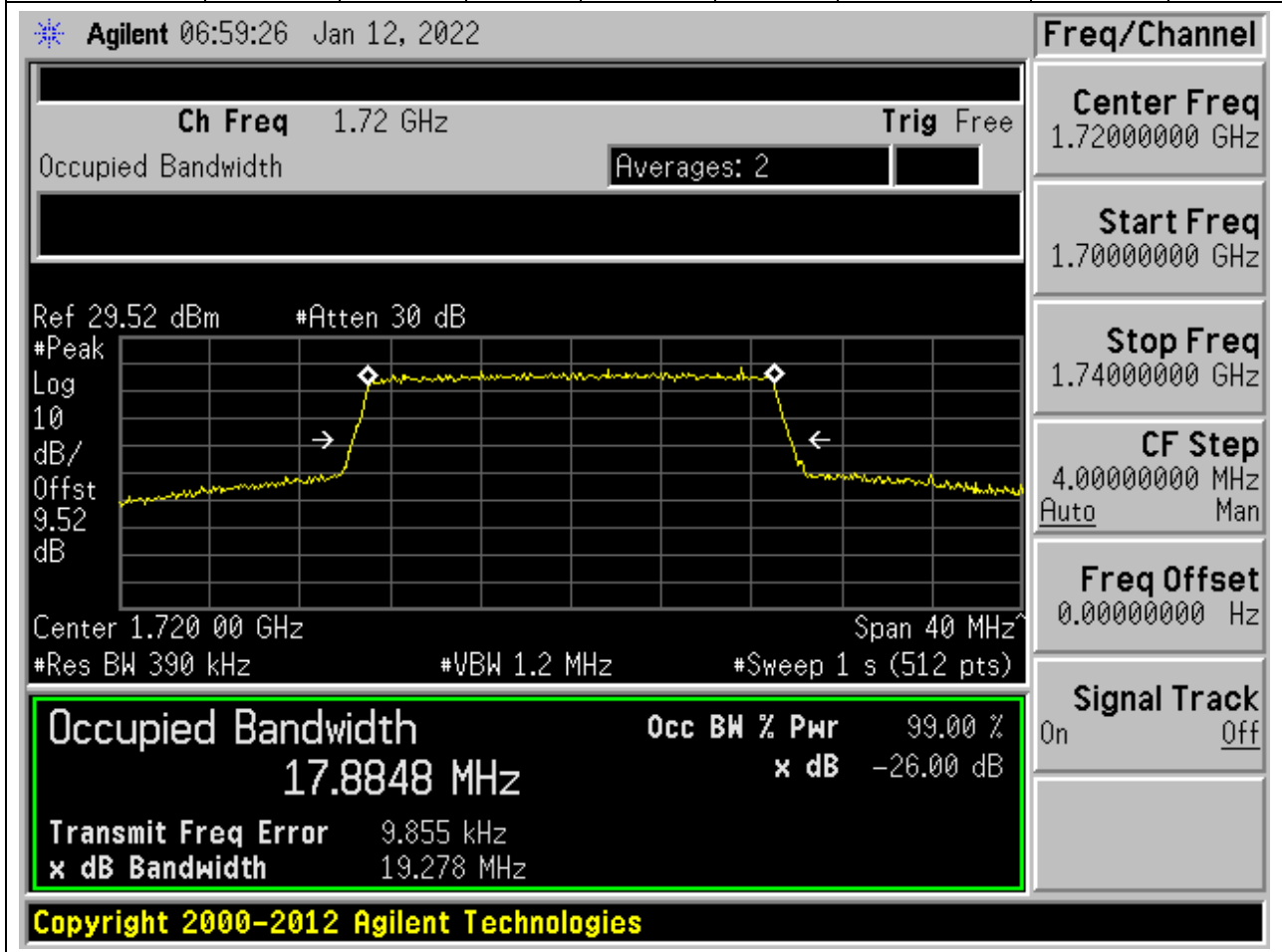
**19.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.424	14.732	15	Pass



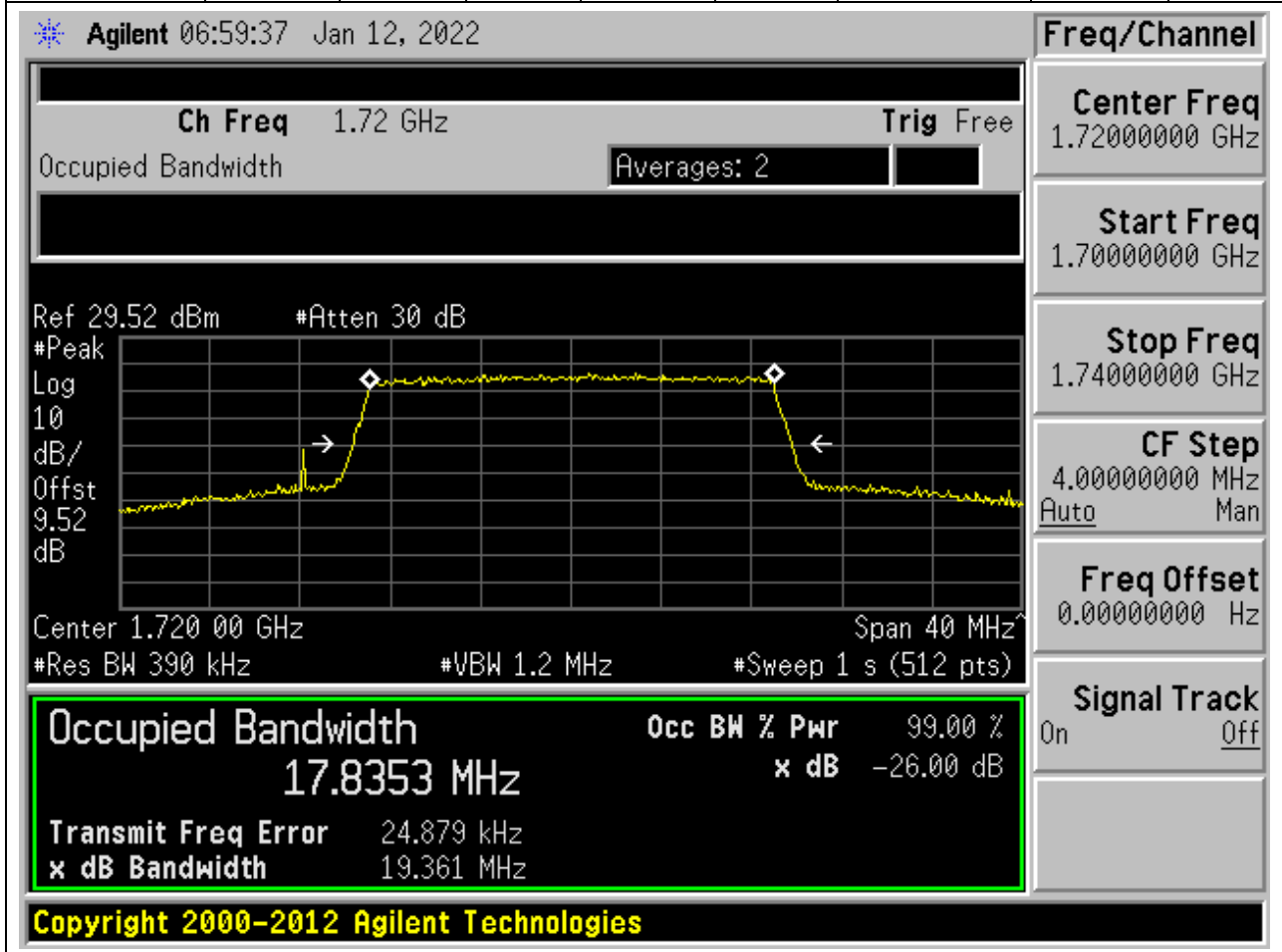
**19.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.885	19.278	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.835	19.361	20	Pass



**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	17.896	19.452	20	Pass

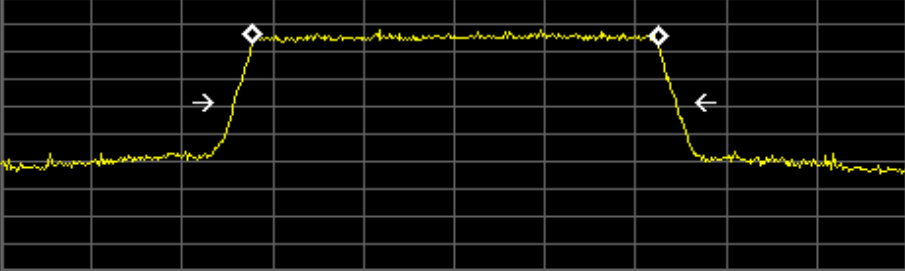
**Agilent** 06:59:50 Jan 12, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 29.61 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.61 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 %

**17.8961 MHz** **x dB** -26.00 dB

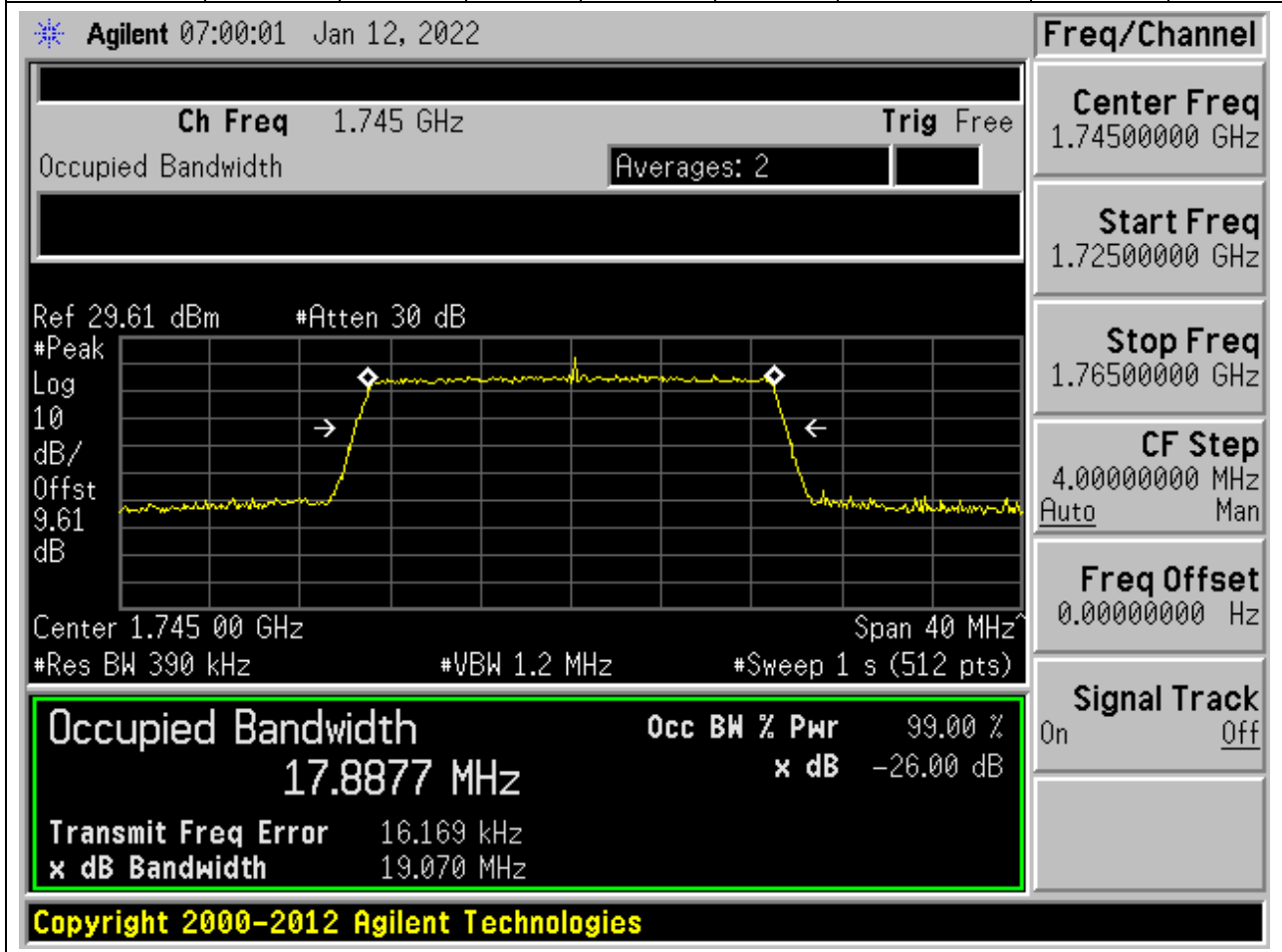
**Transmit Freq Error** 37.549 kHz

**x dB Bandwidth** 19.452 MHz

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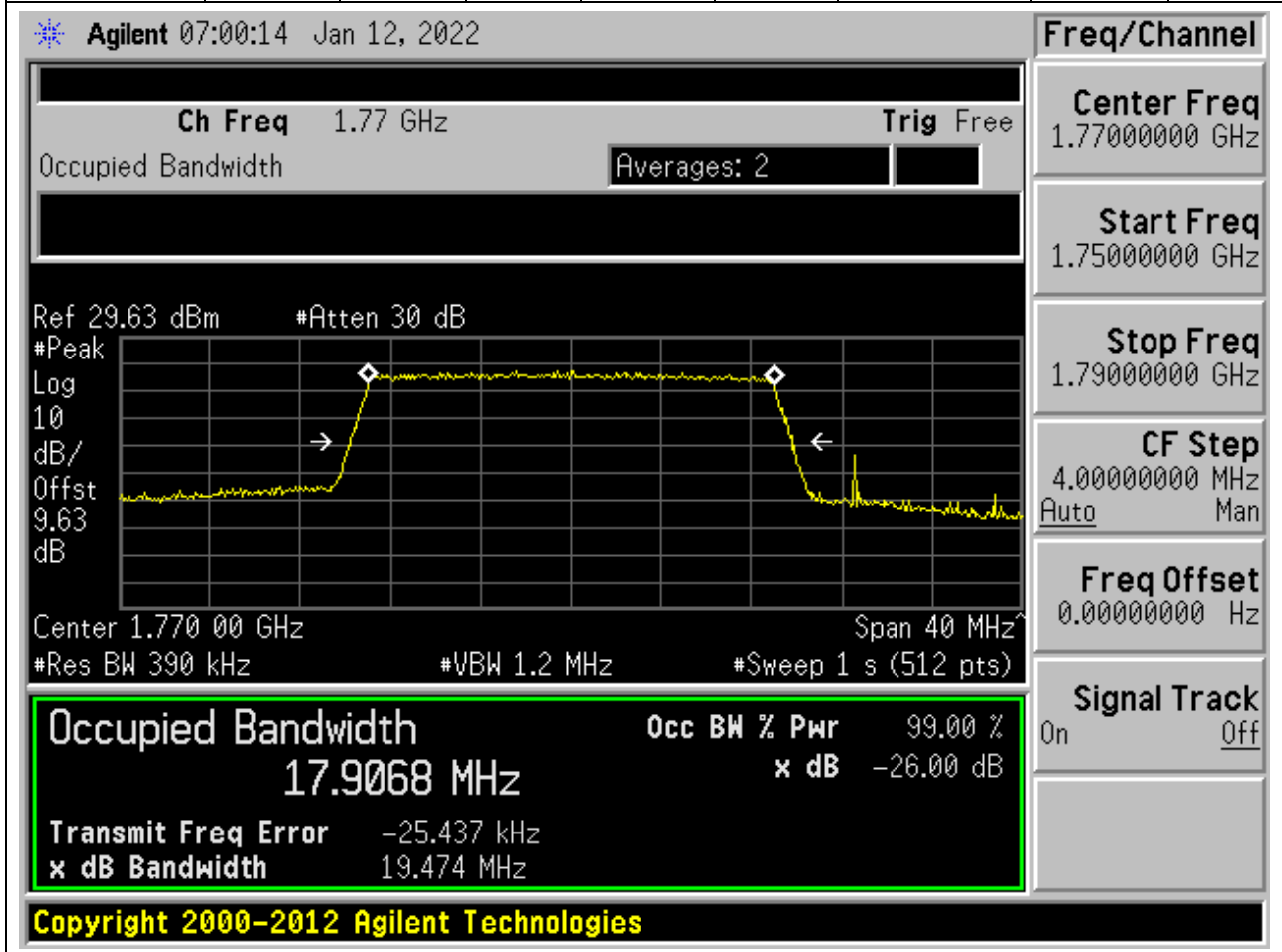
**19.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.888	19.07	20	Pass



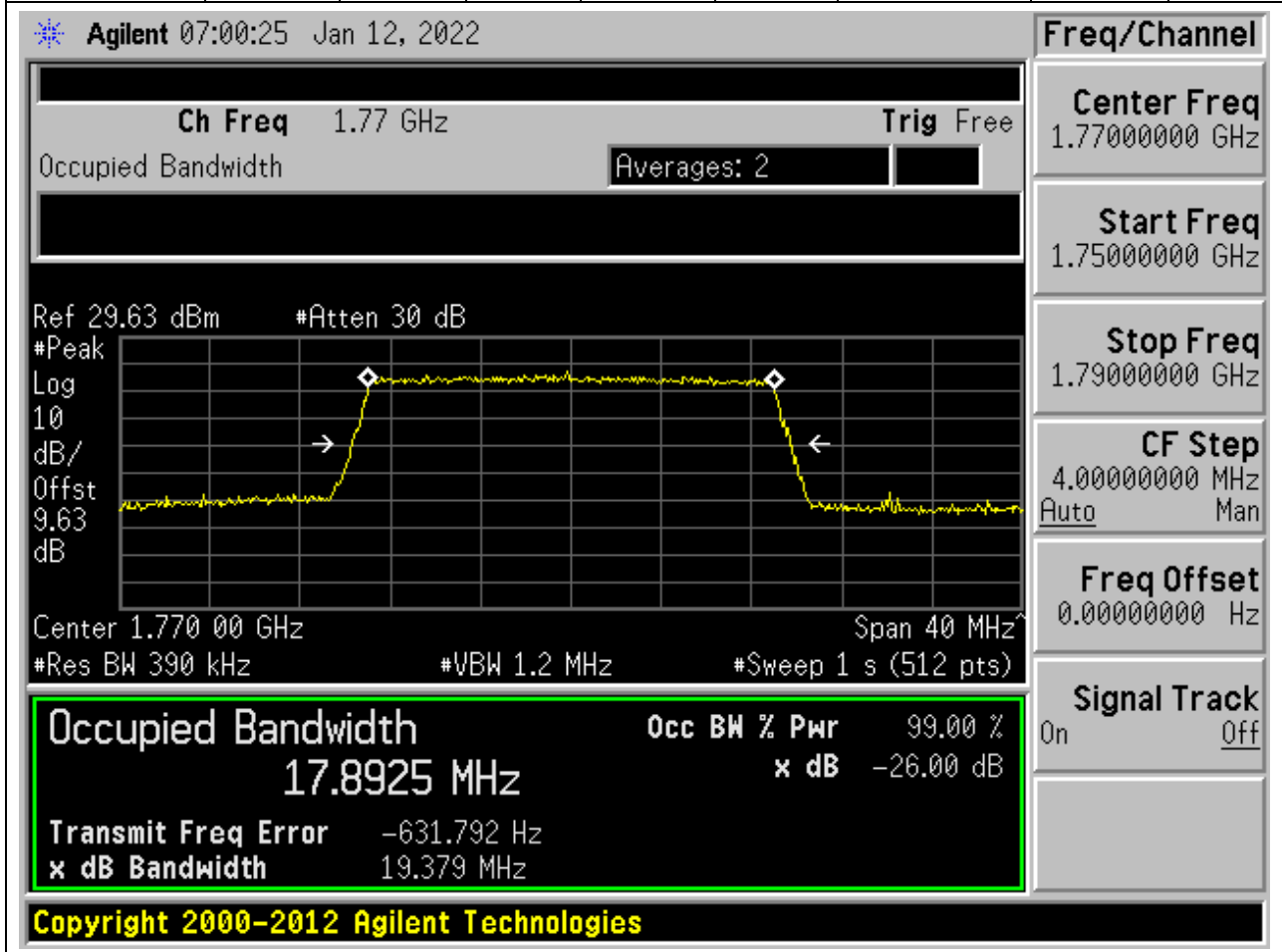
**19.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.39	Peak	17.907	19.474	20	Pass



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

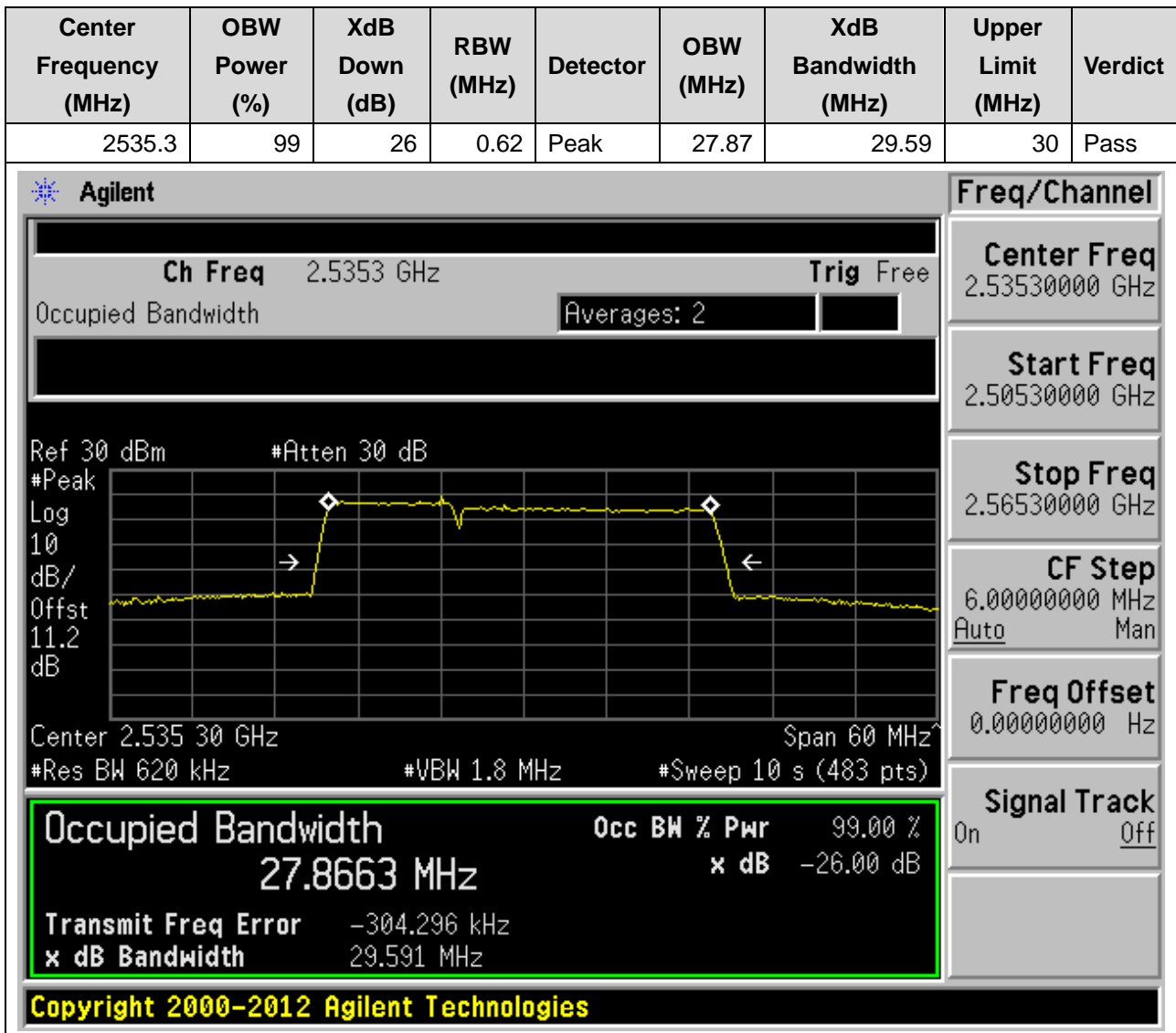
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.39	Peak	17.892	19.379	20	Pass





## 20. CA\_7C

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



**20.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:21006+21150, Bandwidth:10+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

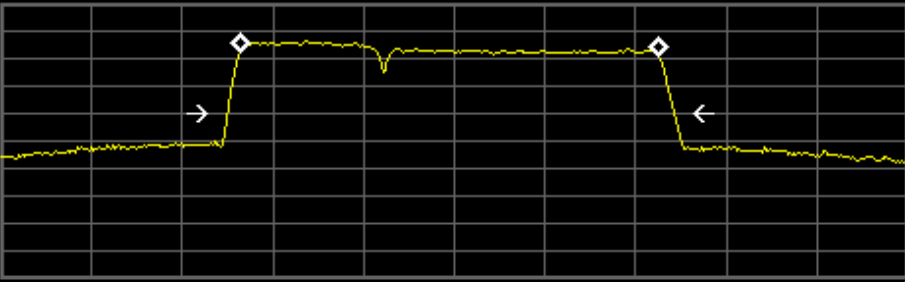
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.79	29.58	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5353 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.535 30 GHz Span 60 MHz

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

Center Freq 2.53530000 GHz

Start Freq 2.50530000 GHz

Stop Freq 2.56530000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**Occupied Bandwidth**

**27.7900 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

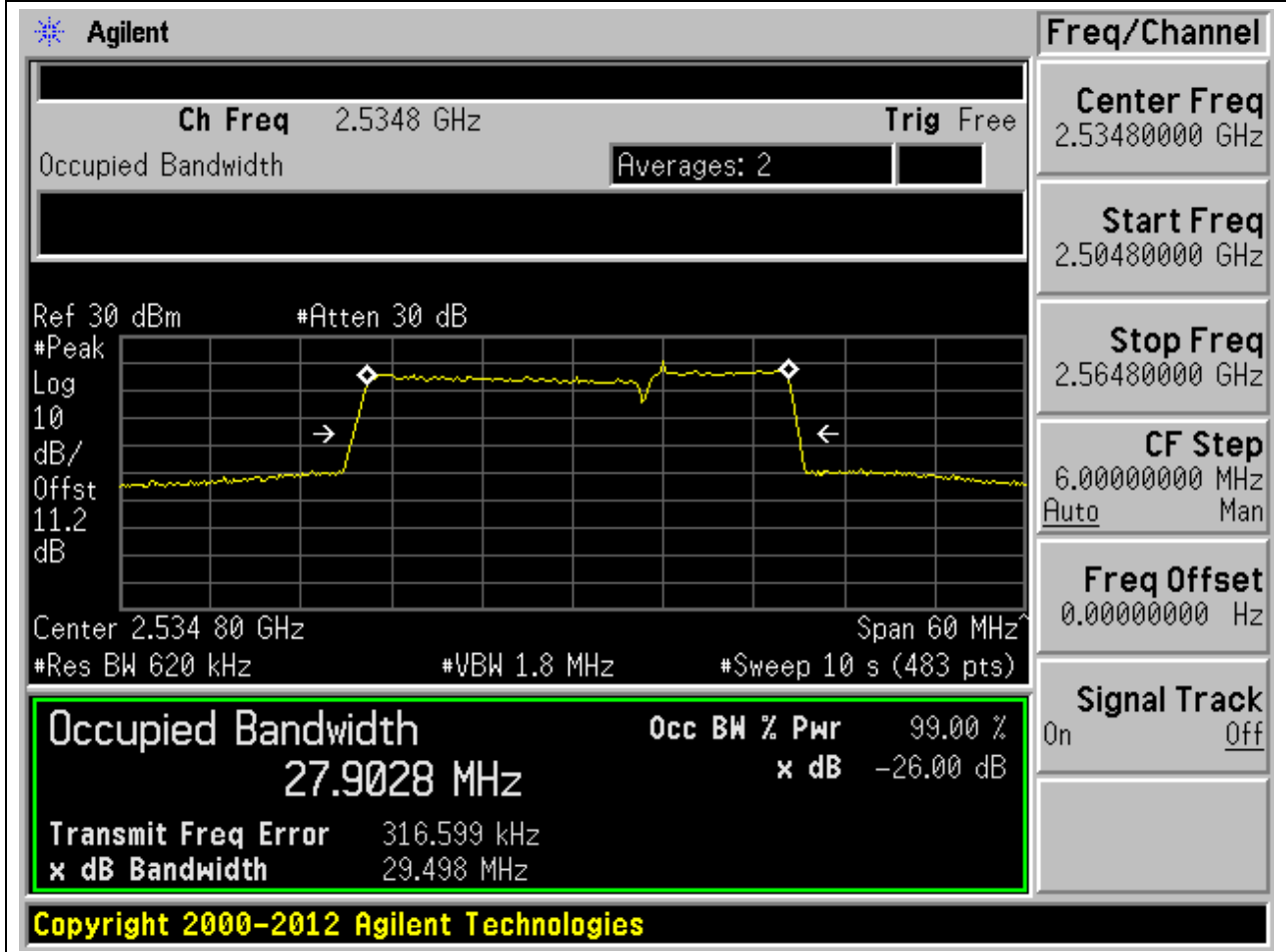
Transmit Freq Error -326.262 kHz

x dB Bandwidth 29.584 MHz

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**20.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:21051+21195, Bandwidth:20+10, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.9	29.5	30	Pass



**20.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:21051+21195, Bandwidth:20+10, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.86	29.65	30	Pass

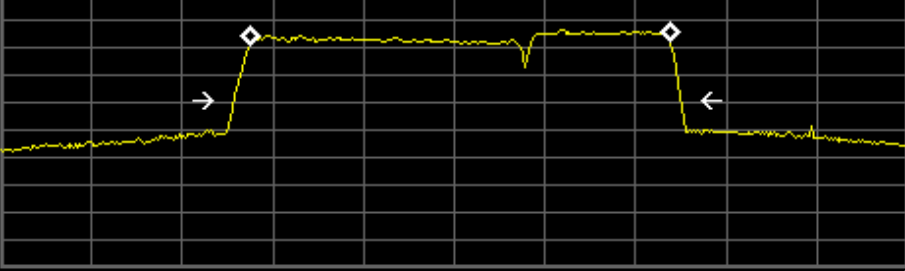
Agilent
Freq/Channel

Ch Freq 2.5348 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.534 80 GHz Span 60 MHz

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

**Center Freq**  
2.53480000 GHz

**Start Freq**  
2.50480000 GHz

**Stop Freq**  
2.56480000 GHz

**CF Step**  
6.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

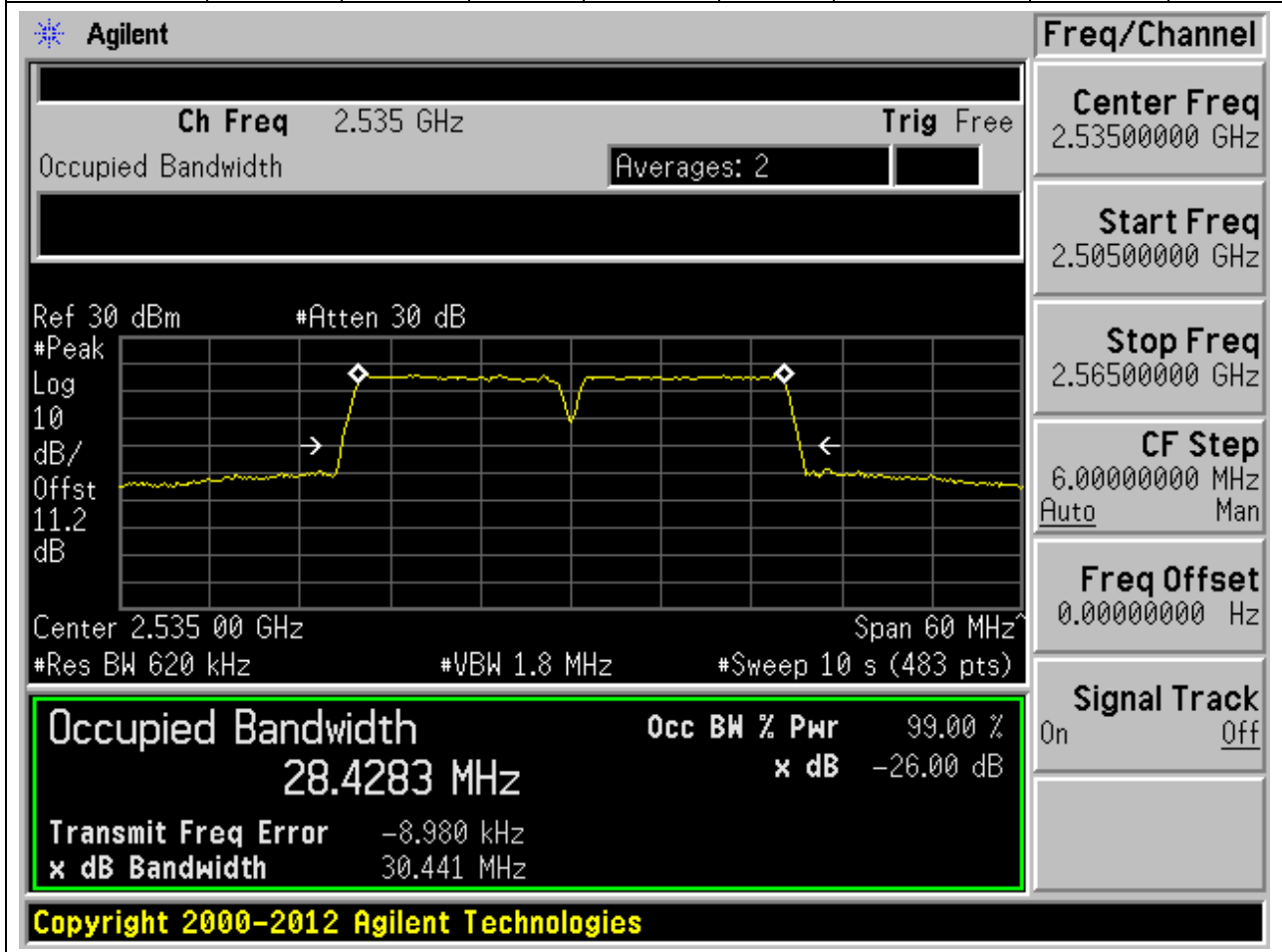
**Signal Track**  
On Off

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %				
<b>27.8550 MHz</b>	<b>x dB</b>	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;"><b>Transmit Freq Error</b></td> <td style="text-align: right;">327.740 kHz</td> </tr> <tr> <td style="text-align: left;"><b>x dB Bandwidth</b></td> <td style="text-align: right;">29.645 MHz</td> </tr> </table>			<b>Transmit Freq Error</b>	327.740 kHz	<b>x dB Bandwidth</b>	29.645 MHz
<b>Transmit Freq Error</b>	327.740 kHz					
<b>x dB Bandwidth</b>	29.645 MHz					

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**20.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:21025+21175, Bandwidth:15+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.43	30.44	30	Pass



**20.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:21025+21175, Bandwidth:15+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.5	30.42	30	Pass

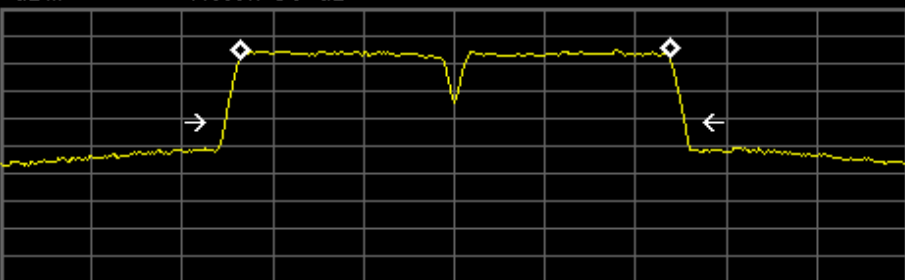
Agilent
Freq/Channel

Ch Freq 2.535 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.535 00 GHz Span 60 MHz

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

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.50500000 GHz

**Stop Freq**  
2.56500000 GHz

**CF Step**  
6.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

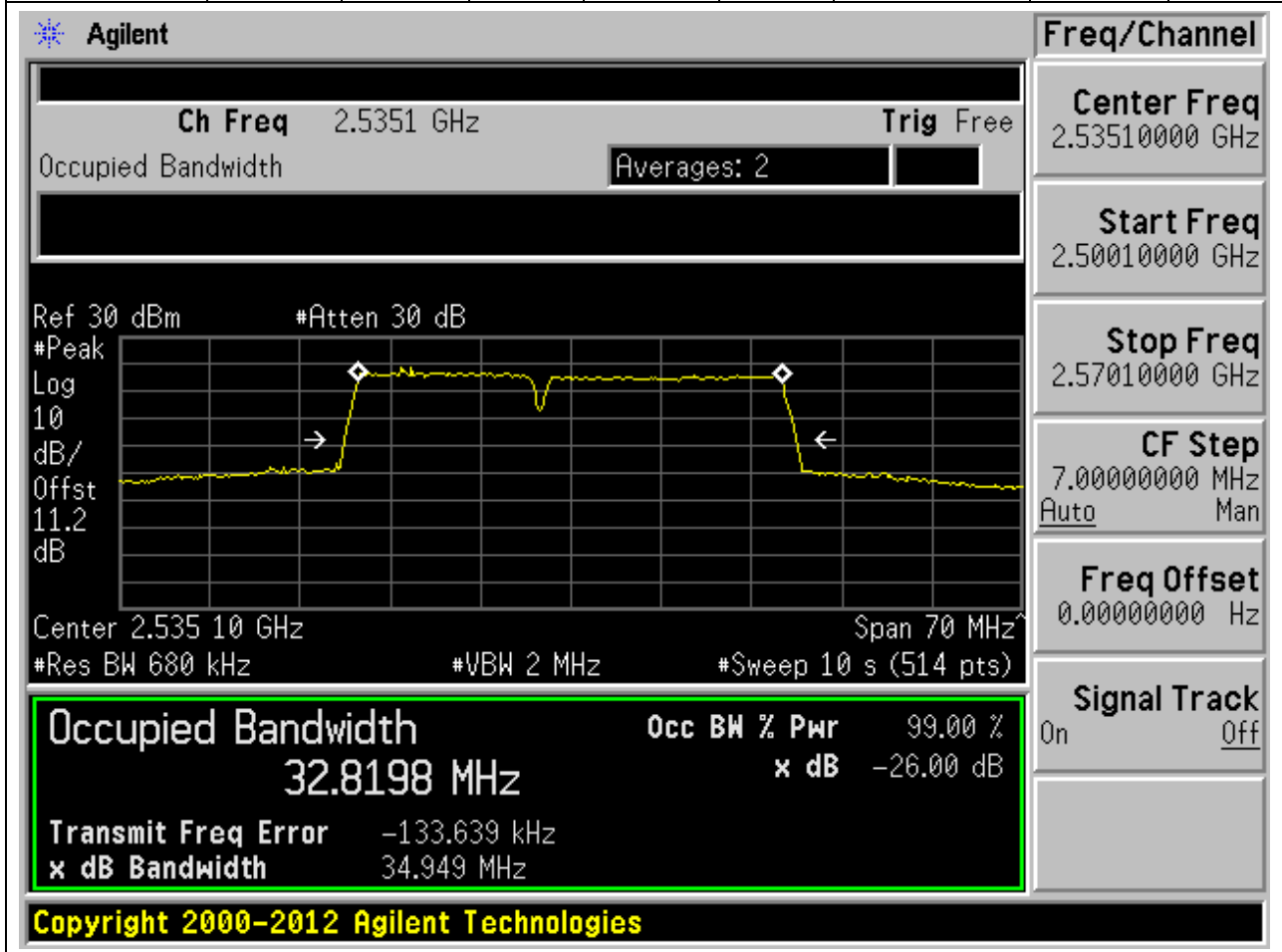
**Signal Track**  
On Off

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.4980 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	15.947 kHz	
<b>x dB Bandwidth</b>	30.424 MHz	

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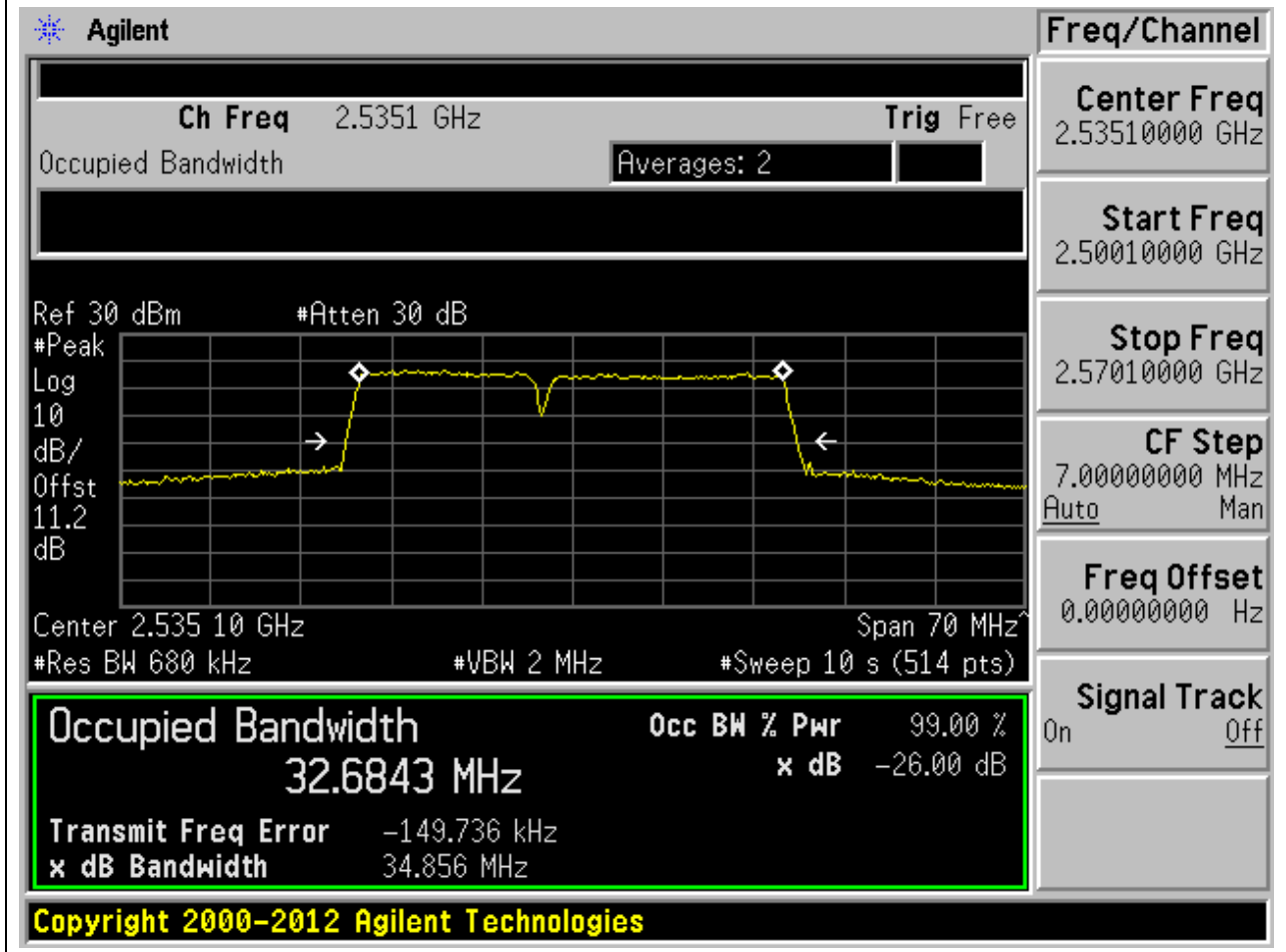
**20.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:21003+21174, Bandwidth:15+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.82	34.95	35	Pass



**20.8. CA Occupied Bandwidth(NTNV)(Subtest:8, Channel:21003+21174, Bandwidth:15+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.68	34.86	35	Pass





**20.9. CA Occupied Bandwidth(NTNV)(Subtest:9, Channel:21026+21197, Bandwidth:20+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

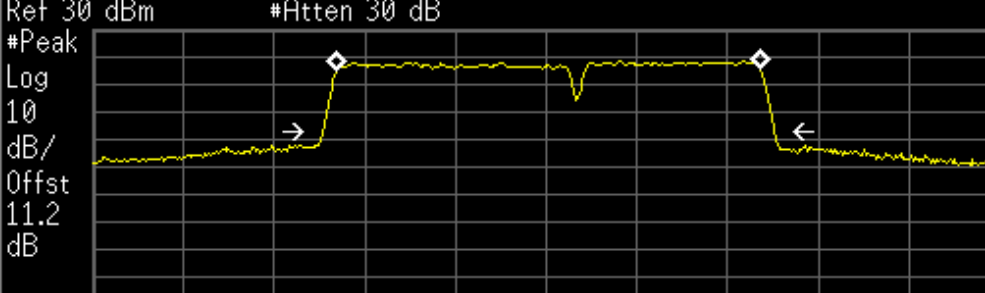
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.74	34.81	35	Pass

**Agilent**

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.534 90 GHz Span 70 MHz

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

**Freq/Channel**

Center Freq 2.53490000 GHz

Start Freq 2.49990000 GHz

Stop Freq 2.56990000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**32.7412 MHz** x dB -26.00 dB

Transmit Freq Error 182.255 kHz

x dB Bandwidth 34.815 MHz

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**20.10. CA Occupied Bandwidth(NTNV)(Subtest:10, Channel:21026+21197, Bandwidth:20+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.77	34.91	35	Pass

**Agilent**
**Freq/Channel**

**Ch Freq** 2.5349 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

**Center Freq**  
2.53490000 GHz

**Start Freq**  
2.49990000 GHz

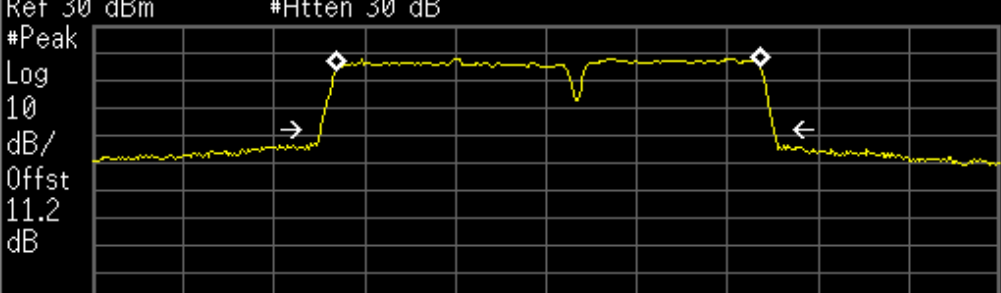
**Stop Freq**  
2.56990000 GHz

**CF Step**  
7.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB



Center 2.534 90 GHz Span 70 MHz  
#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

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

**32.7710 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 184.416 kHz

**x dB Bandwidth** 34.910 MHz

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20.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:21001+21199, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)

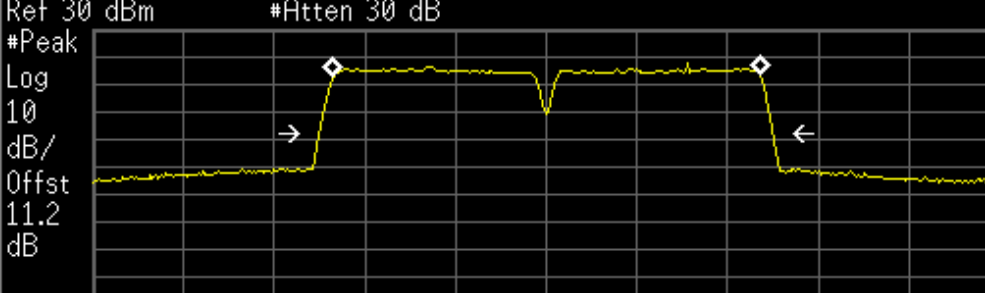
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.8	40.07	40	Pass

**Agilent**

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.535 00 GHz Span 80 MHz

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

**Freq/Channel**

Center Freq 2.53500000 GHz

Start Freq 2.49500000 GHz

Stop Freq 2.57500000 GHz

CF Step 8.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

37.7965 MHz x dB -26.00 dB

Transmit Freq Error 36.338 kHz

x dB Bandwidth 40.066 MHz

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**20.12. CA Occupied Bandwidth(NTNV)(Subtest:12, Channel:21001+21199, Bandwidth:20+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

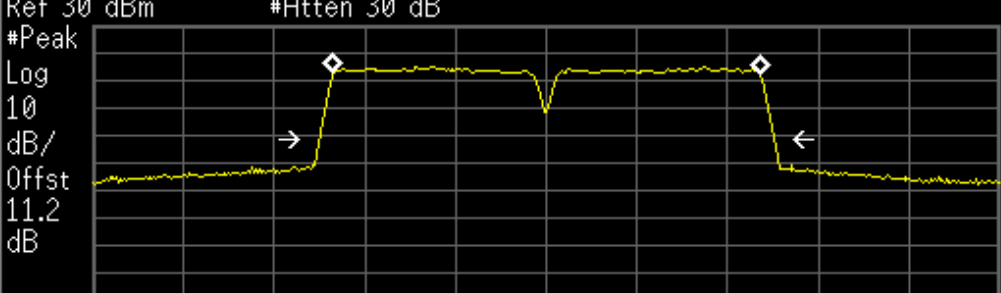
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.75	40.11	40	Pass

Agilent
Freq/Channel

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.535 00 GHz Span 80 MHz

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

Center Freq 2.53500000 GHz

Start Freq 2.49500000 GHz

Stop Freq 2.57500000 GHz

CF Step 8.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**Occupied Bandwidth**

**37.7525 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

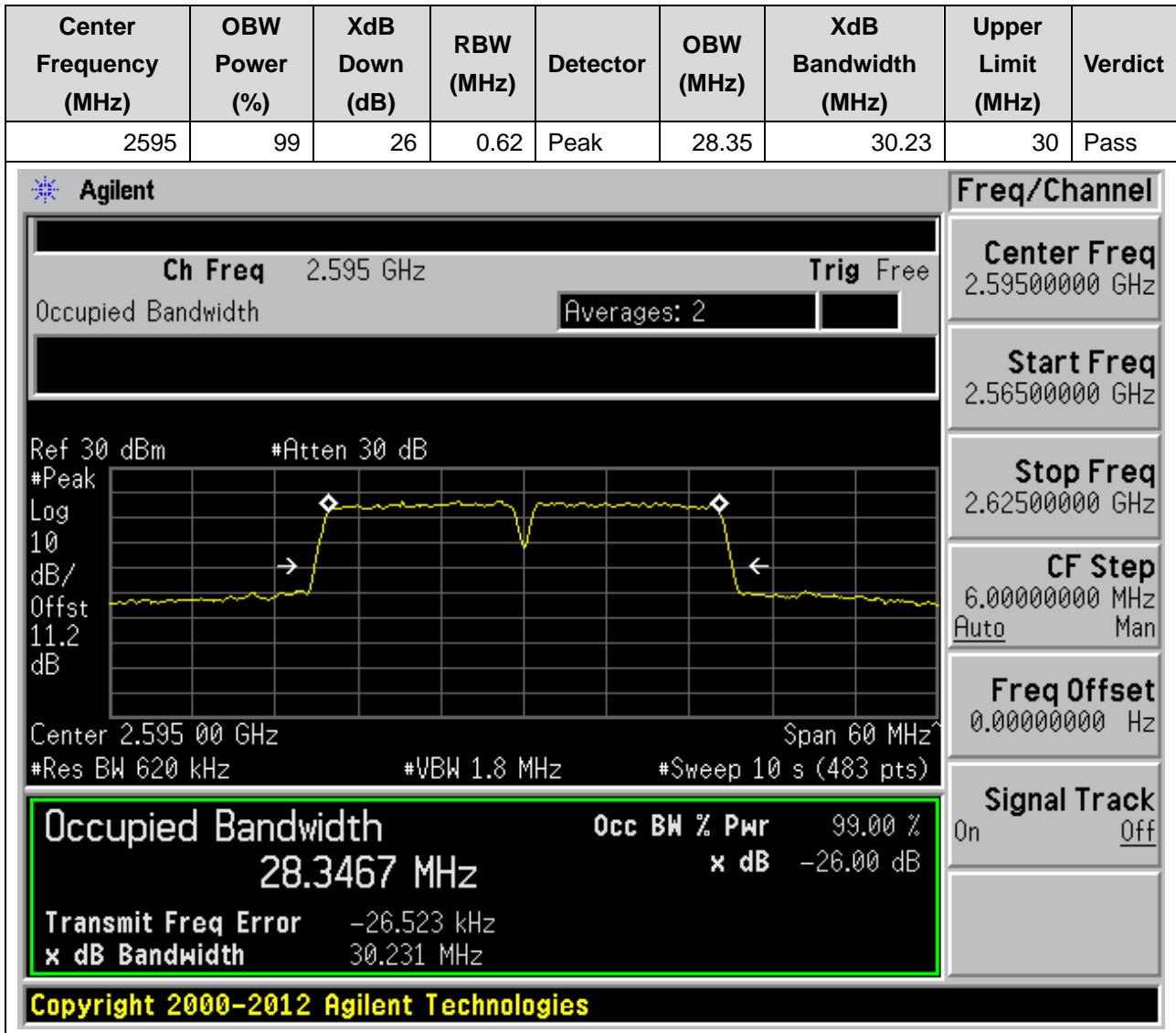
Transmit Freq Error 11.124 kHz

x dB Bandwidth 40.112 MHz

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## 21. CA\_38C

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



**21.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:37925+38075, Bandwidth:15+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	28.4	30.31	30	Pass

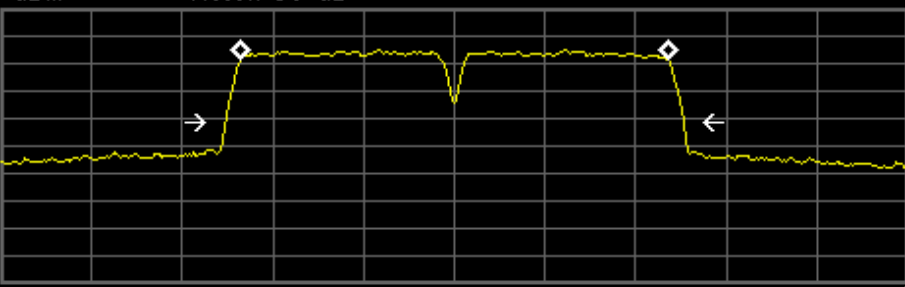
Agilent
Freq/Channel

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.595 00 GHz Span 60 MHz

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

Center Freq 2.59500000 GHz

Start Freq 2.56500000 GHz

Stop Freq 2.62500000 GHz

CF Step 6.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**28.3956 MHz** x dB -26.00 dB

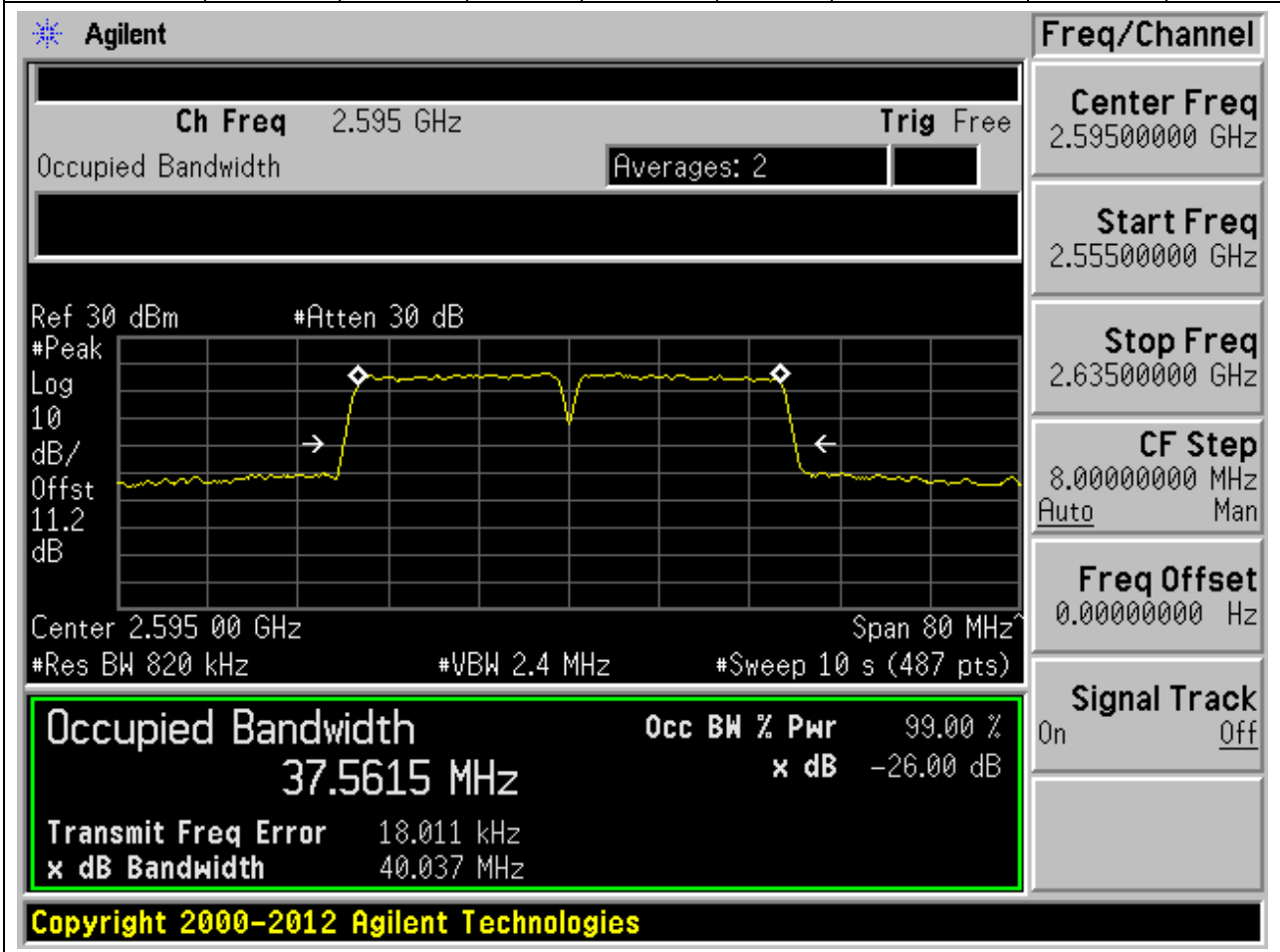
Transmit Freq Error 2.985 kHz

x dB Bandwidth 30.313 MHz

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**21.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:37901+38099, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.56	40.04	40	Pass



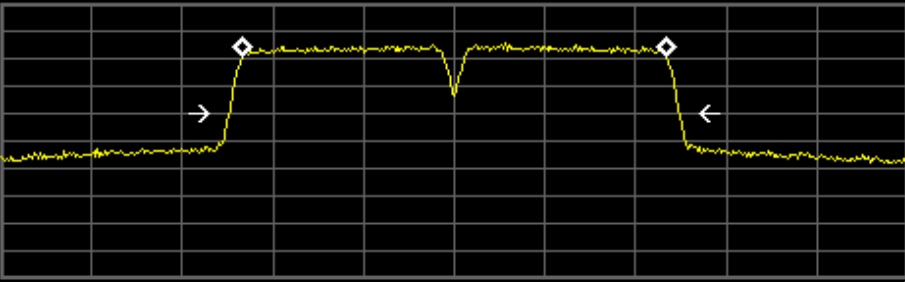
**21.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:37901+38099, Bandwidth:20+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.44	39.72	40	Pass

Agilent
Freq/Channel

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB  
 #Peak Log 10 dB/Offst 11.2 dB  


Center 2.595 00 GHz Span 80 MHz  
#Res BW 820 kHz #VBW 2.4 MHz #Sweep 2 s (487 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.4377 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.491 kHz	
x dB Bandwidth	39.719 MHz	

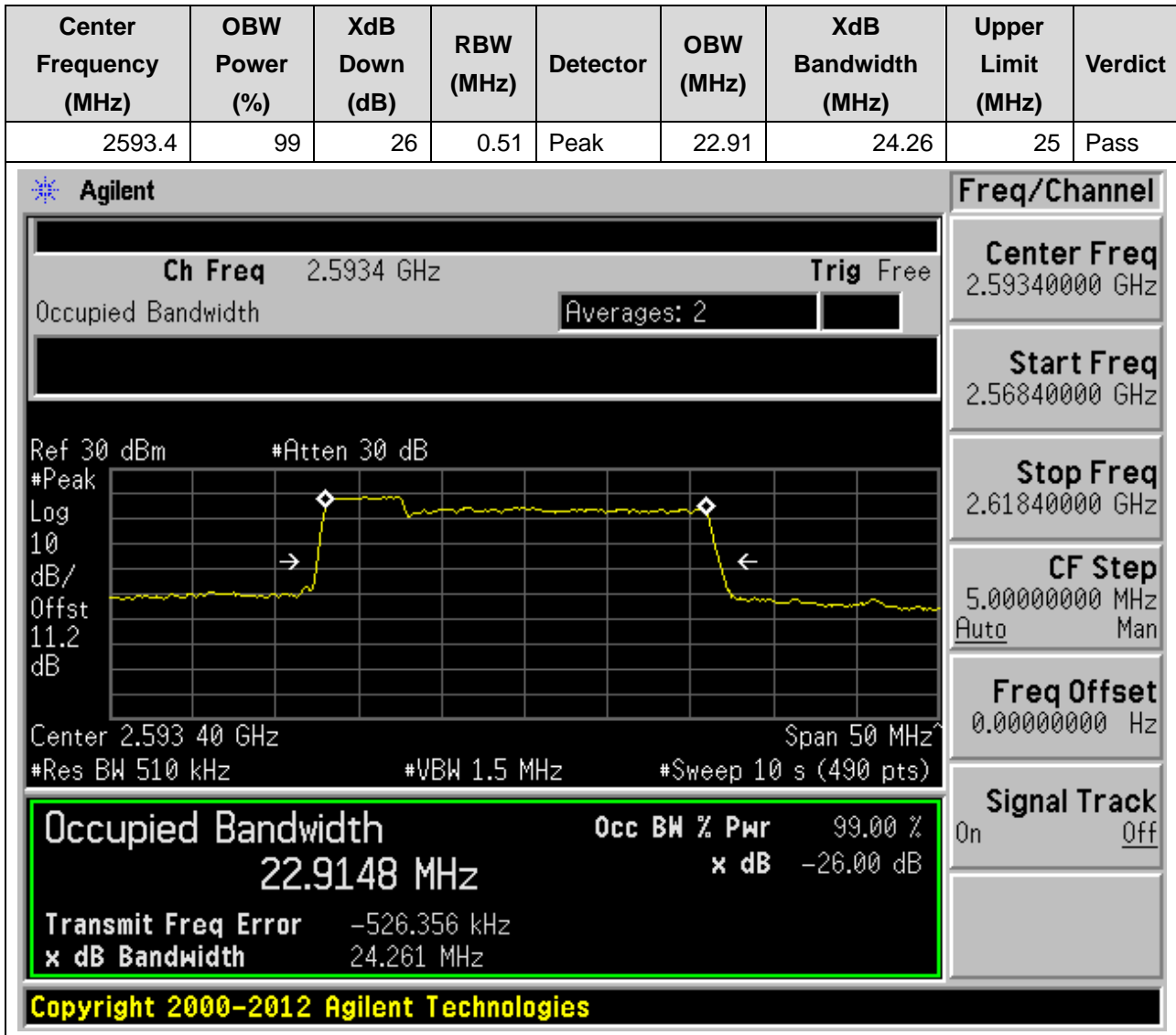
Signal Track
On Off

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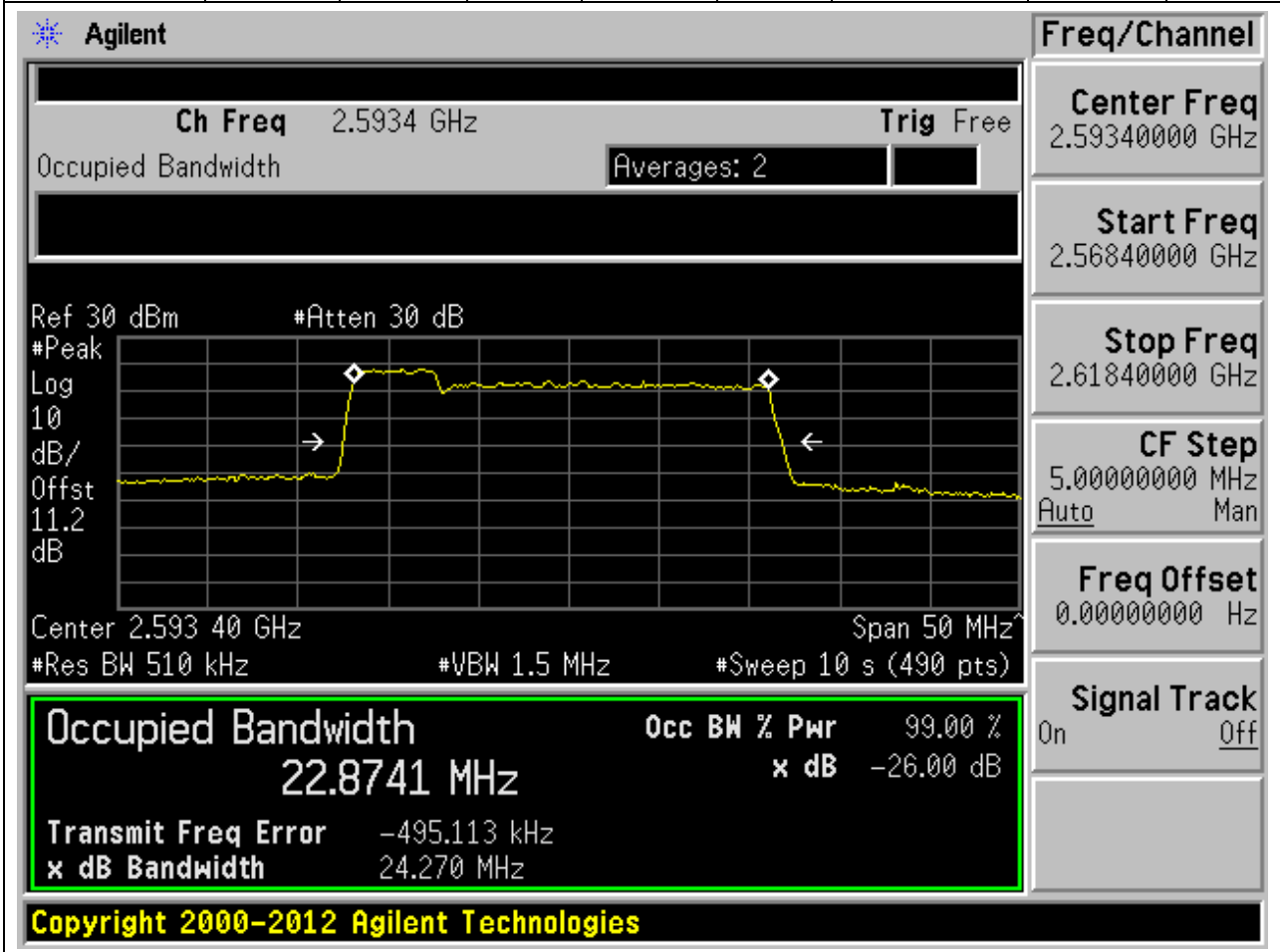
## 22. CA\_41C\_full

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



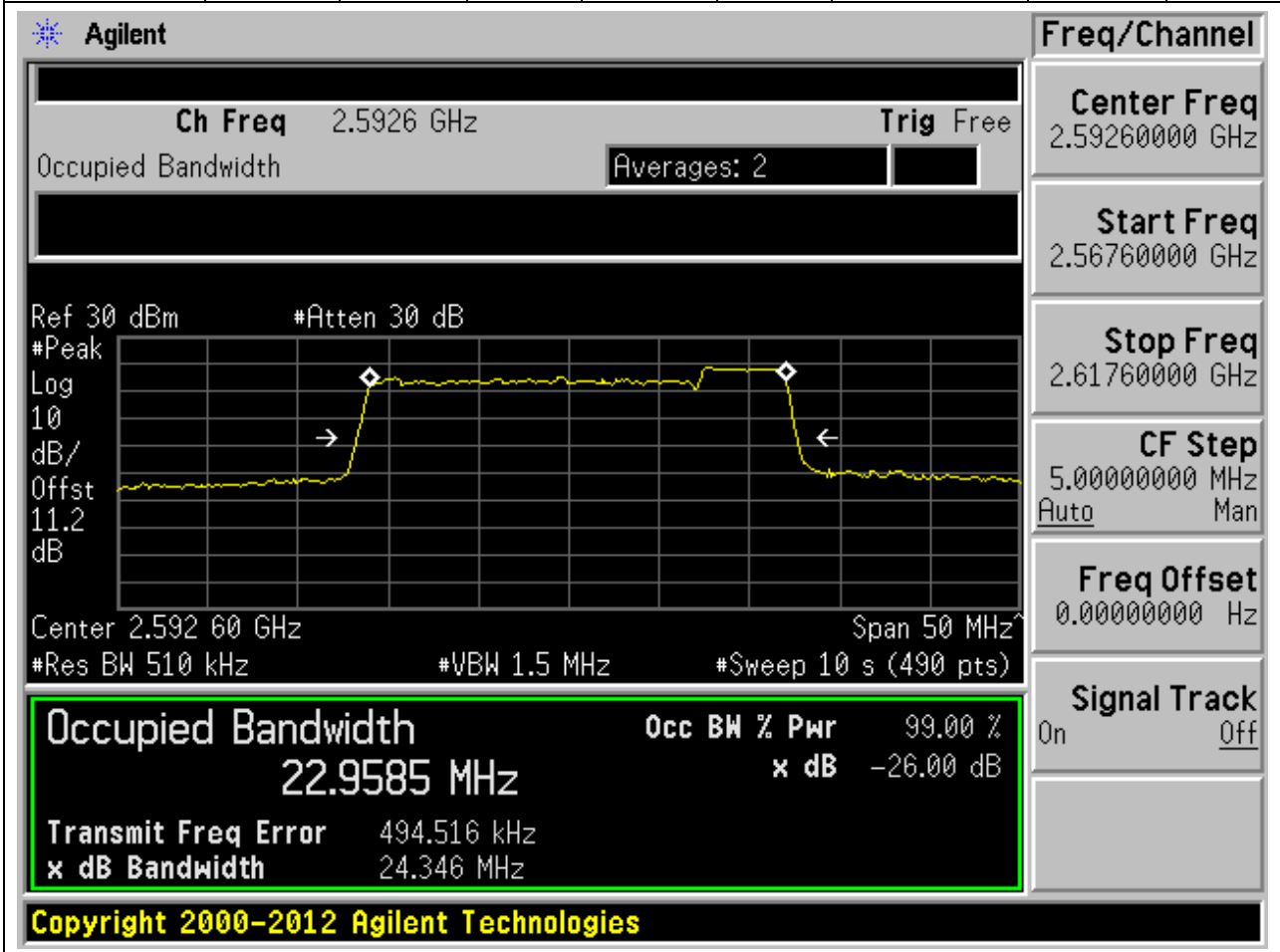
**22.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:40528+40645, Bandwidth:5+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.4	99	26	0.51	Peak	22.87	24.27	25	Pass



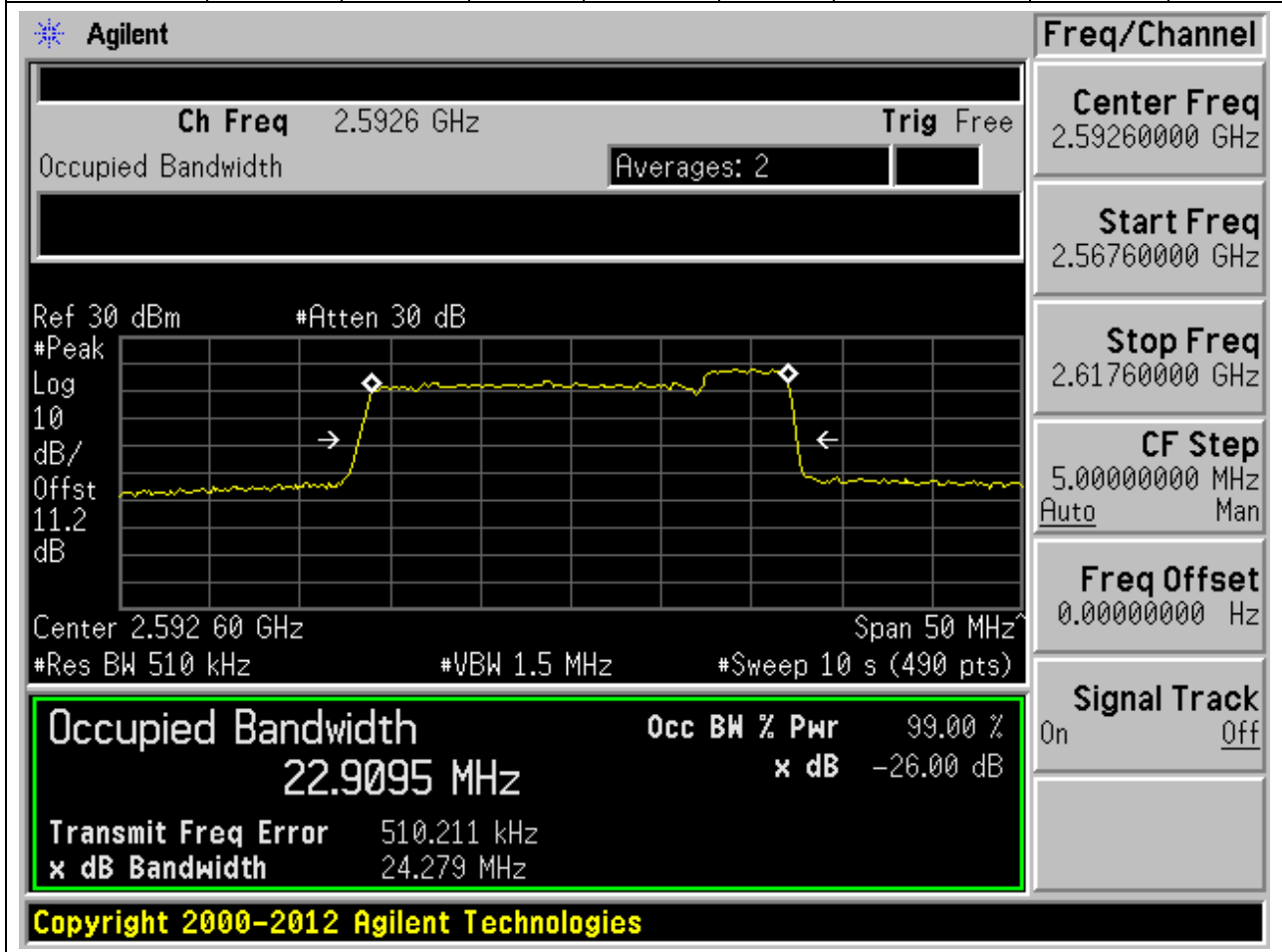
**22.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:40595+40712, Bandwidth:20+5, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.6	99	26	0.51	Peak	22.96	24.35	25	Pass



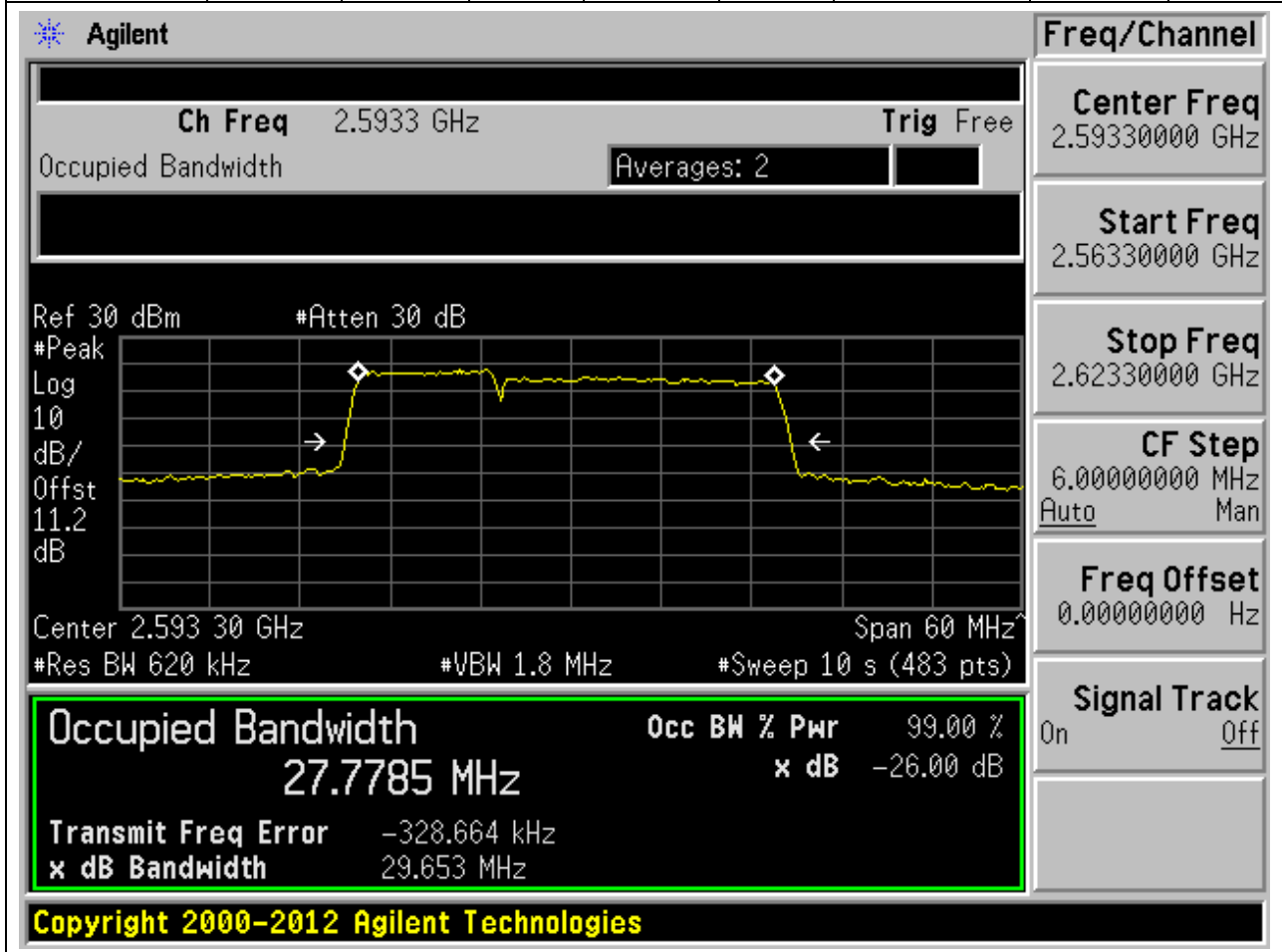
**22.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:40595+40712, Bandwidth:20+5, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.6	99	26	0.51	Peak	22.91	24.28	25	Pass



**22.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:40526+40670, Bandwidth:10+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.3	99	26	0.62	Peak	27.78	29.65	30	Pass



**22.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:40526+40670, Bandwidth:10+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.3	99	26	0.62	Peak	27.73	29.54	30	Pass

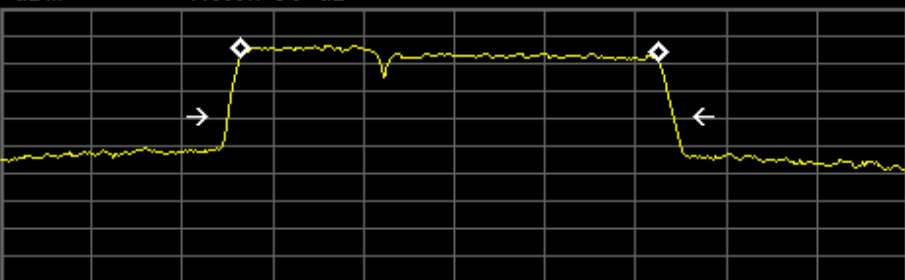
Agilent
Freq/Channel

Ch Freq 2.5933 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.593 30 GHz Span 60 MHz

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

Center Freq 2.59330000 GHz

Start Freq 2.56330000 GHz

Stop Freq 2.62330000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**27.7267 MHz** x dB -26.00 dB

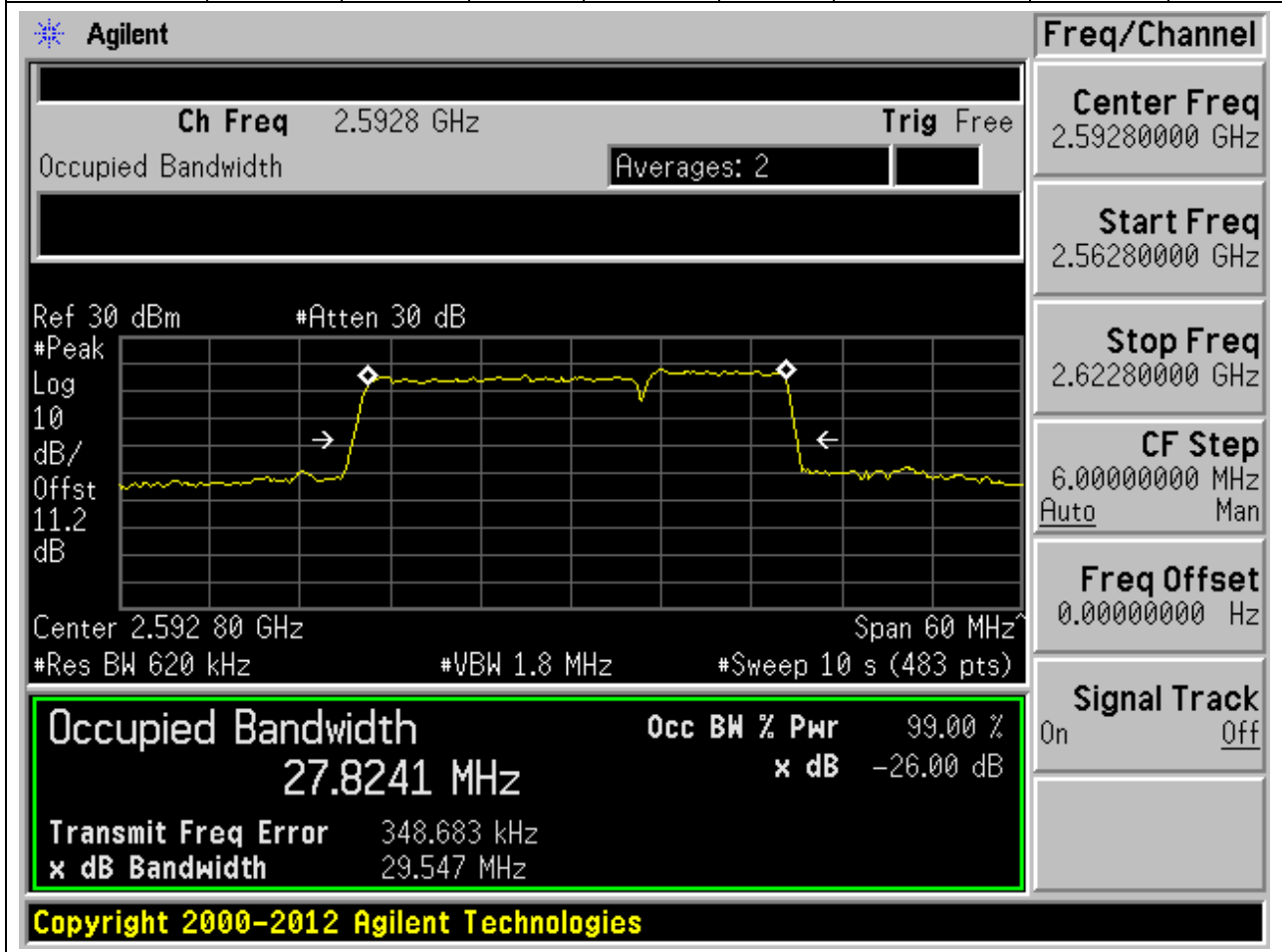
Transmit Freq Error -343.944 kHz

x dB Bandwidth 29.541 MHz

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**22.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:40571+40715, Bandwidth:20+10, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.82	29.55	30	Pass



**22.8. CA Occupied Bandwidth(NTNV)(Subtest:8, Channel:40571+40715, Bandwidth:20+10, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.75	29.54	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.592 80 GHz Span 60 MHz

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

Center Freq 2.59280000 GHz

Start Freq 2.56280000 GHz

Stop Freq 2.62280000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**27.7534 MHz** x dB -26.00 dB

Transmit Freq Error 341.421 kHz

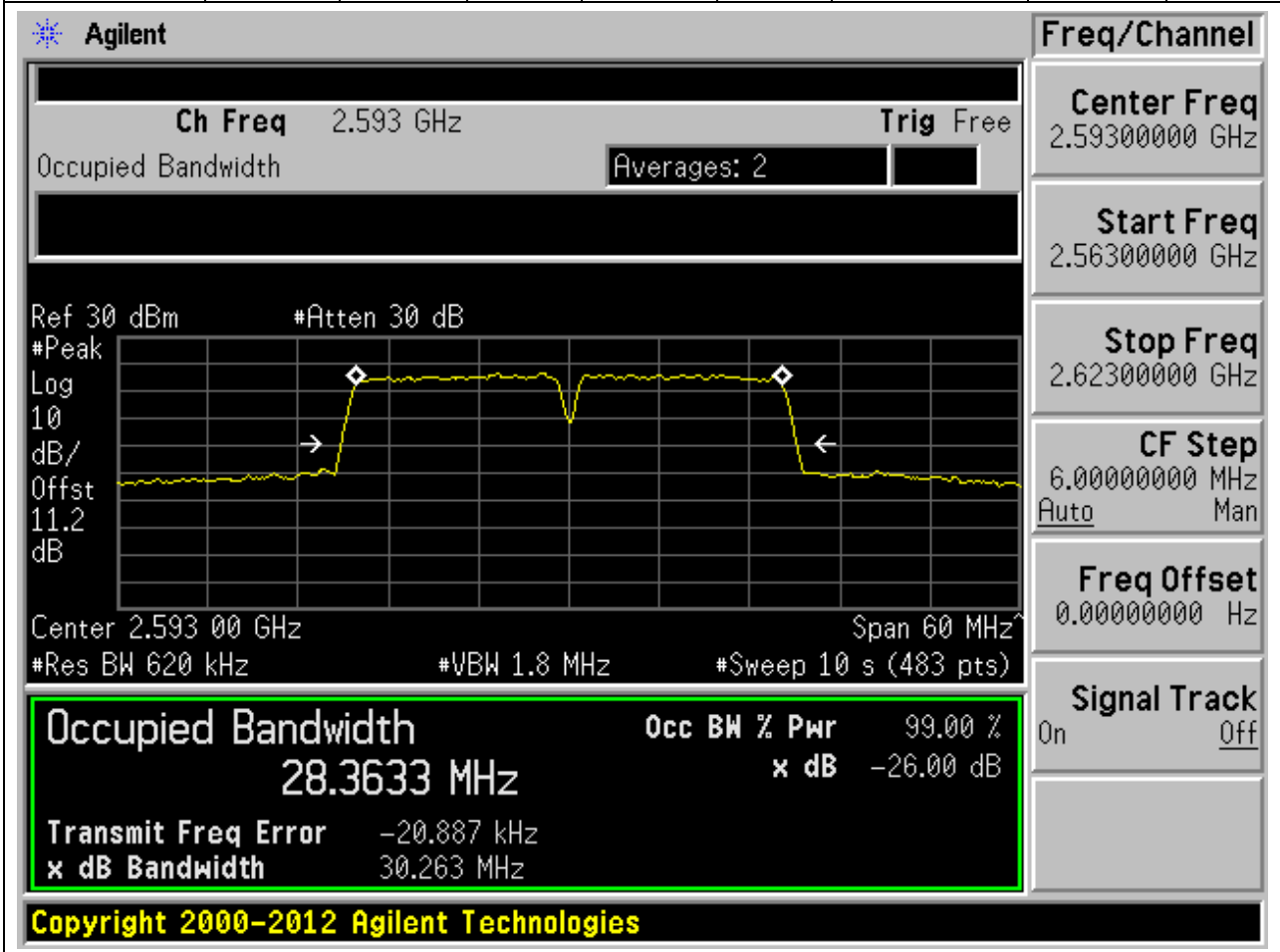
x dB Bandwidth 29.541 MHz

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**22.9. CA Occupied Bandwidth(NTNV)(Subtest:9, Channel:40545+40695, Bandwidth:15+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.62	Peak	28.36	30.26	30	Pass



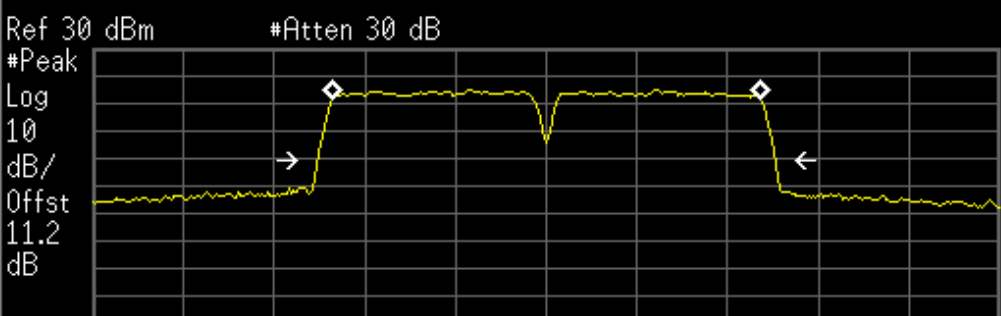
**22.10. CA Occupied Bandwidth(NTNV)(Subtest:10, Channel:40545+40695, Bandwidth:15+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.62	Peak	28.41	30.31	30	Pass

Agilent
Freq/Channel

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

Center 2.593 00 GHz Span 60 MHz

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

Center Freq 2.59300000 GHz

Start Freq 2.56300000 GHz

Stop Freq 2.62300000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**Occupied Bandwidth**

**28.4091 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 4.950 kHz

x dB Bandwidth 30.306 MHz

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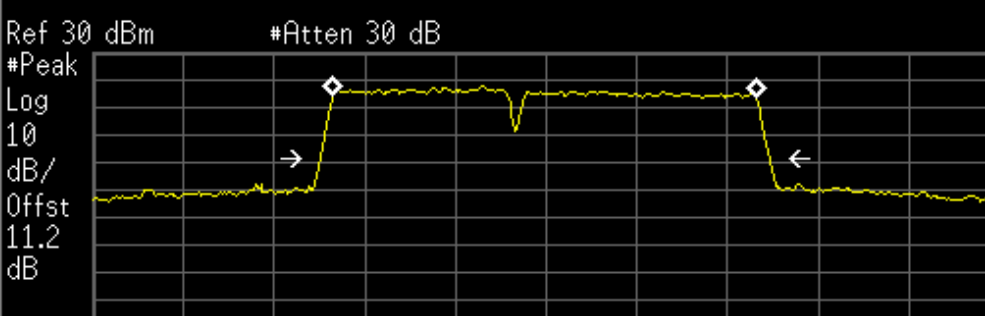
**22.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:40523+40694, Bandwidth:15+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.1	99	26	0.68	Peak	32.65	34.65	35	Pass

**Agilent**

Ch Freq 2.5931 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.593 10 GHz Span 70 MHz

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

**Freq/Channel**

Center Freq 2.59310000 GHz

Start Freq 2.55810000 GHz

Stop Freq 2.62810000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**32.6490 MHz** x dB -26.00 dB

Transmit Freq Error -162.118 kHz

x dB Bandwidth 34.648 MHz

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**22.12. CA Occupied Bandwidth(NTNV)(Subtest:12, Channel:40523+40694, Bandwidth:15+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.1	99	26	0.68	Peak	32.59	34.75	35	Pass

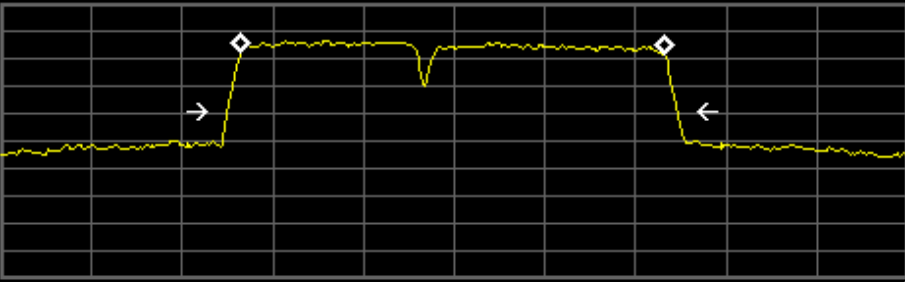
Agilent
Freq/Channel

Ch Freq 2.5931 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.593 10 GHz Span 70 MHz

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

Center Freq 2.59310000 GHz

Start Freq 2.55810000 GHz

Stop Freq 2.62810000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**32.5915 MHz** x dB -26.00 dB

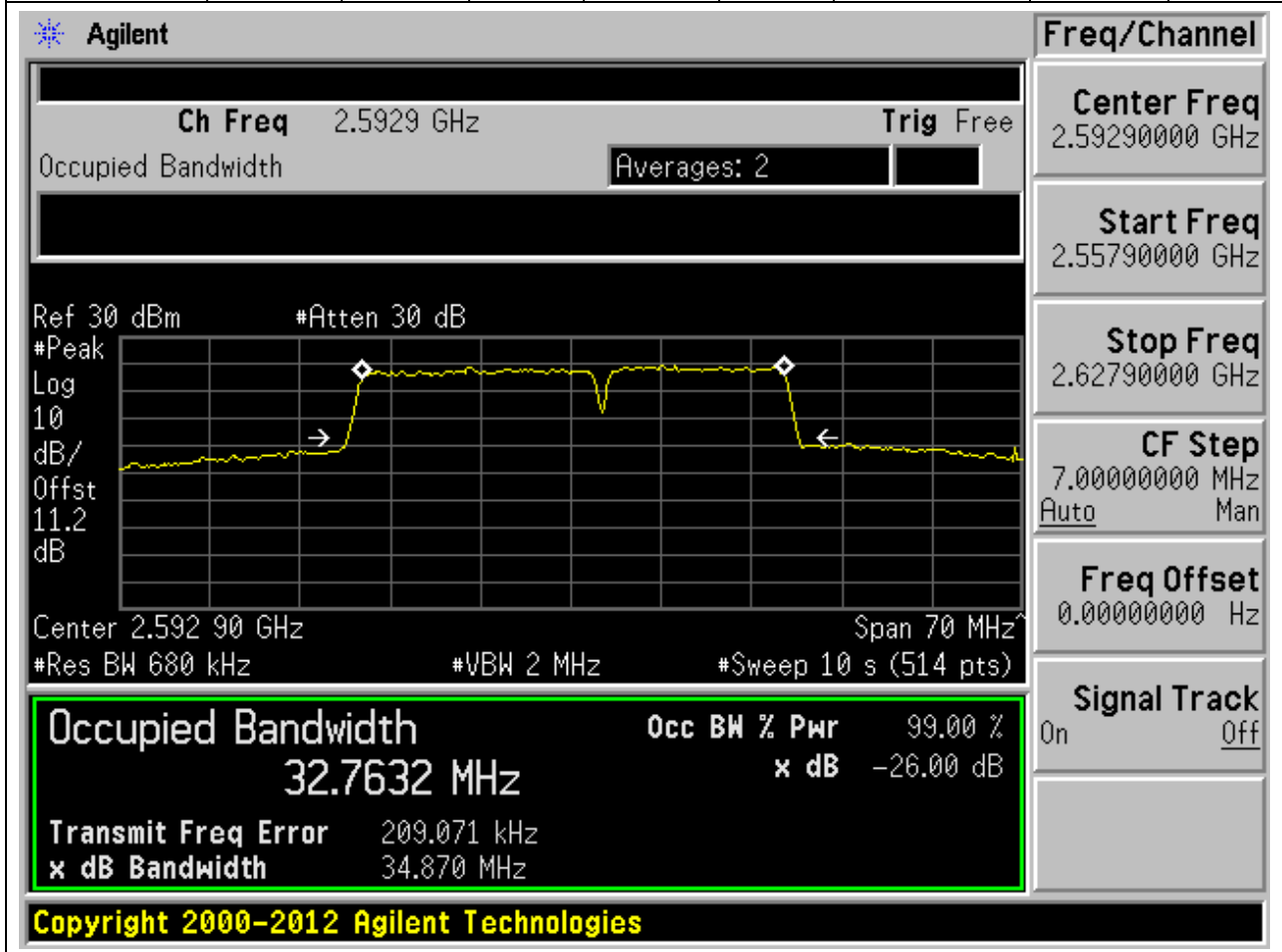
Transmit Freq Error -177.509 kHz

x dB Bandwidth 34.745 MHz

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**22.13. CA Occupied Bandwidth(NTNV)(Subtest:13, Channel:40546+40717, Bandwidth:20+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.9	99	26	0.68	Peak	32.76	34.87	35	Pass



**22.14. CA Occupied Bandwidth(NTNV)(Subtest:14, Channel:40546+40717, Bandwidth:20+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.9	99	26	0.68	Peak	32.83	39.82	35	Pass

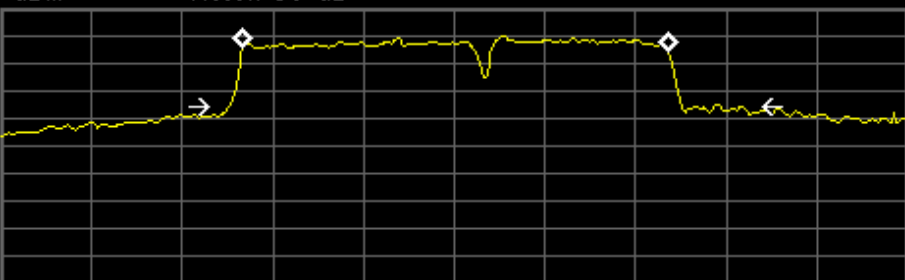
Agilent
Freq/Channel

Ch Freq 2.5929 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.2 dB



Center 2.592 90 GHz Span 70 MHz

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

Center Freq 2.59290000 GHz

Start Freq 2.55790000 GHz

Stop Freq 2.62790000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.8268 MHz	x dB	-26.00 dB
Transmit Freq Error 136.624 kHz		
x dB Bandwidth 39.823 MHz		

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**22.15. CA Occupied Bandwidth(NTNV)(Subtest:15, Channel:40521+40719, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

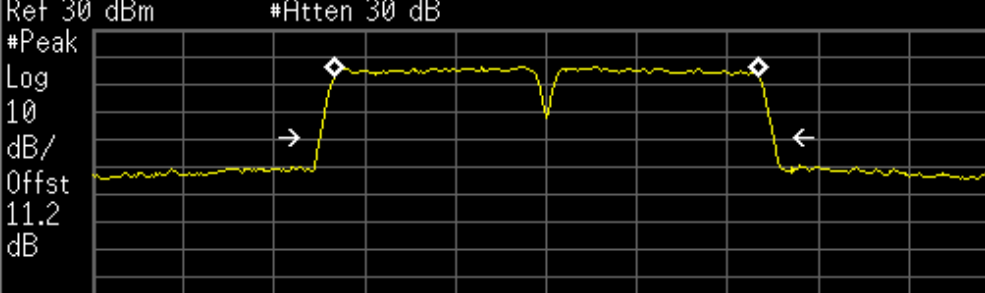
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.58	40.06	40	Pass

**Agilent**

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.593 00 GHz Span 80 MHz

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

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

**37.5798 MHz** x dB -26.00 dB

Transmit Freq Error 15.575 kHz

x dB Bandwidth 40.061 MHz

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**Freq/Channel**

Center Freq 2.59300000 GHz

Start Freq 2.55300000 GHz

Stop Freq 2.63300000 GHz

CF Step 8.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**22.16. CA Occupied Bandwidth(NTNV)(Subtest:16, Channel:40521+40719, Bandwidth:20+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.48	39.86	40	Pass

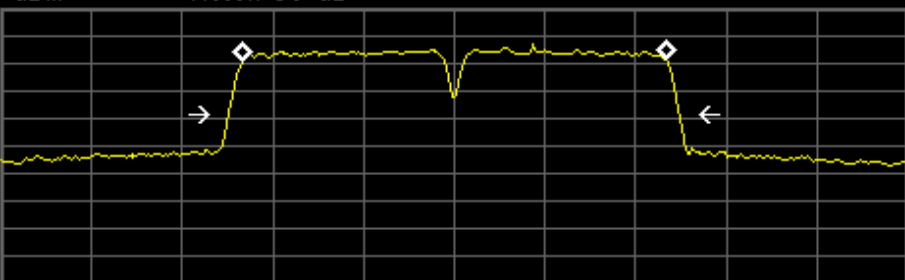
Agilent
Freq/Channel

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.593 00 GHz Span 80 MHz

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

Center Freq 2.59300000 GHz

Start Freq 2.55300000 GHz

Stop Freq 2.63300000 GHz

CF Step 8.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

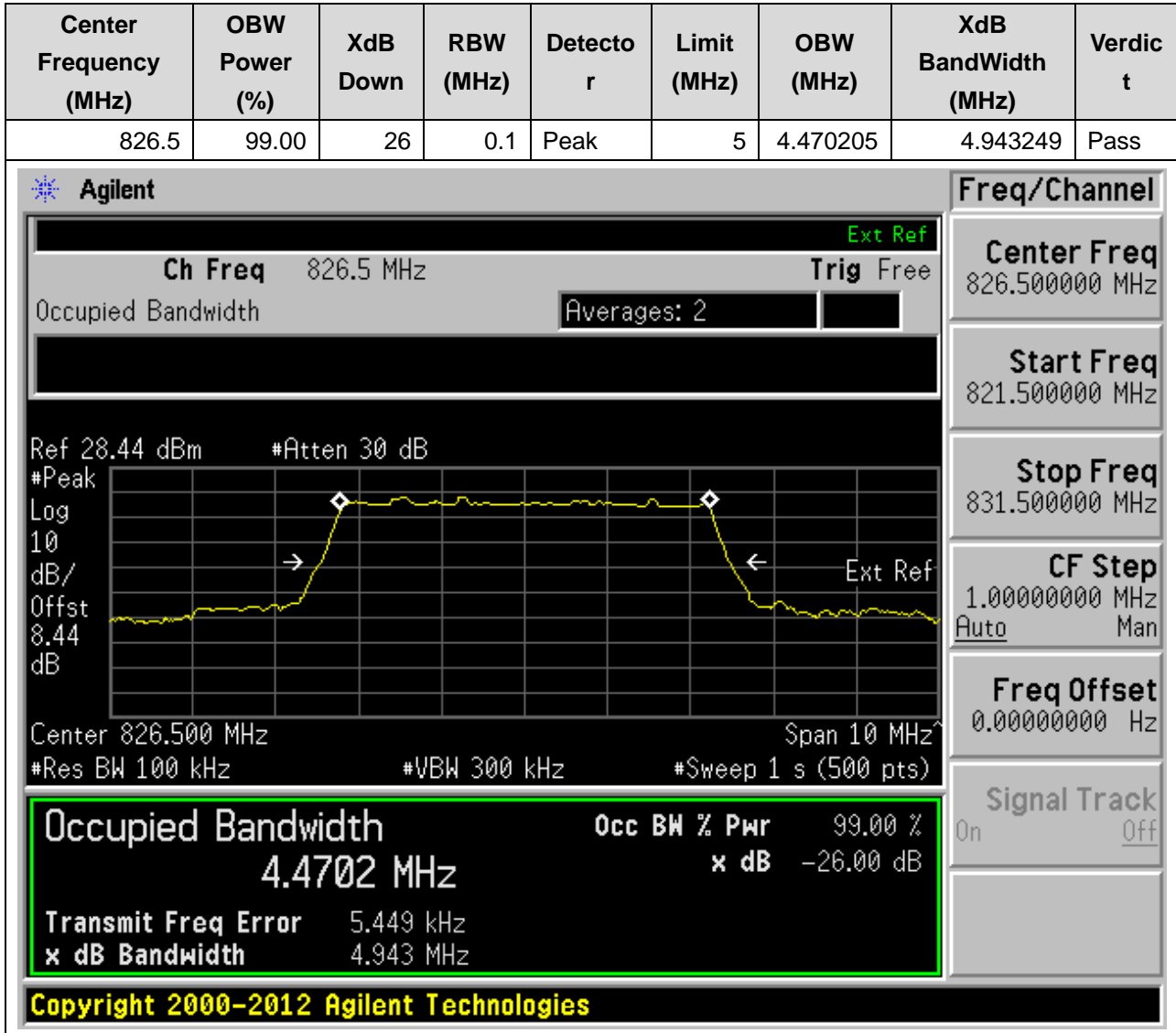
Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.4817 MHz	x dB	-26.00 dB
Transmit Freq Error	1.020 kHz	
x dB Bandwidth	39.862 MHz	

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## 23. NR\_n5\_SCS15\_5M\_L\_Outer Full(QPSK)

### 23.1. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_5M\_L\_Outer Full(16QAM)

### 23.2. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_5M\_M\_Outer Full(QPSK)

### 23.3. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_5M\_M\_Outer Full(16QAM)

### 23.4. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_5M\_H\_Outer Full(QPSK)

### 23.5. NR Occupied Bandwidth(NTNV)



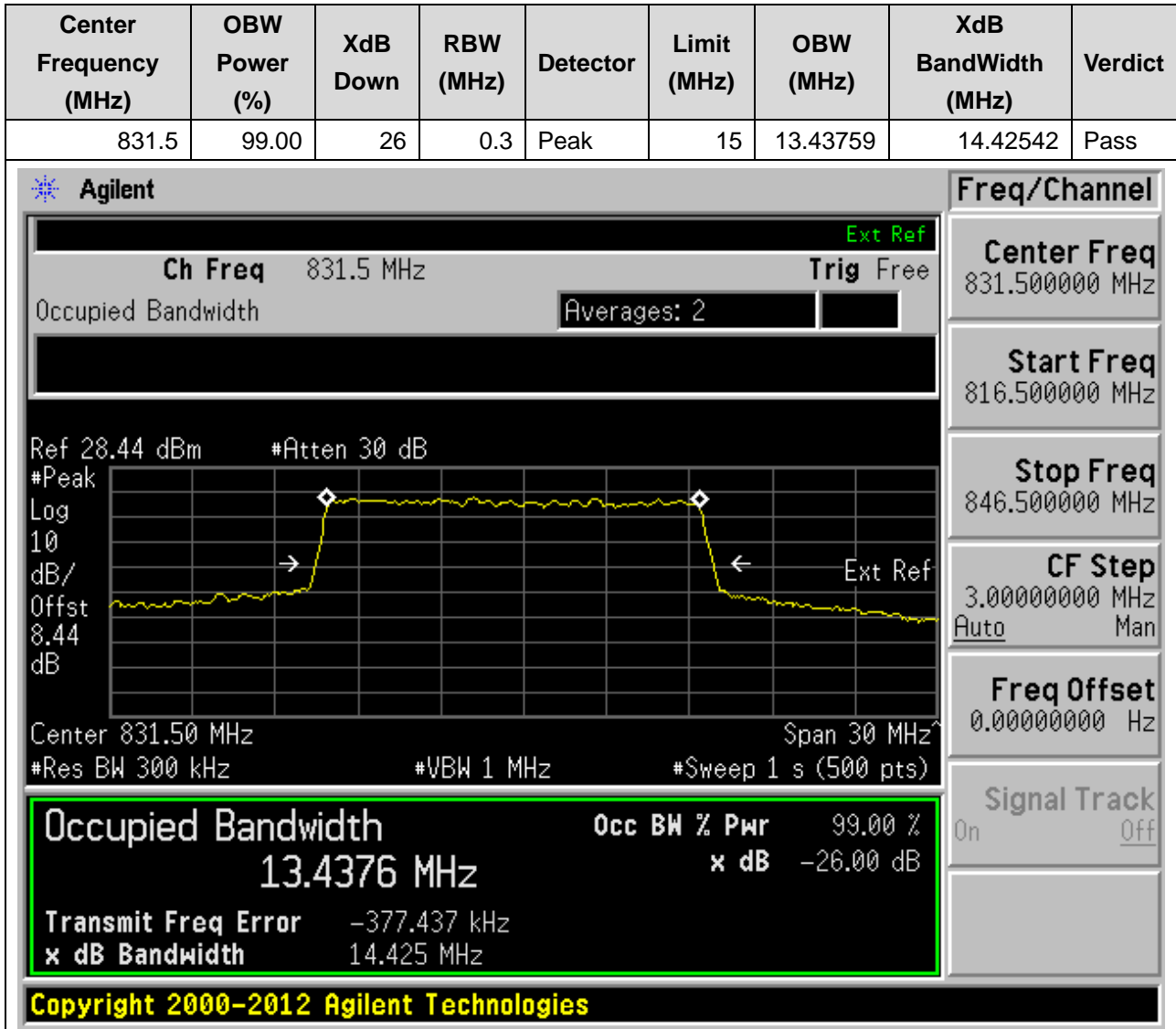
## 23. NR\_n5\_SCS15\_5M\_H\_Outer Full(16QAM)

### 23.6. NR Occupied Bandwidth(NTNV)



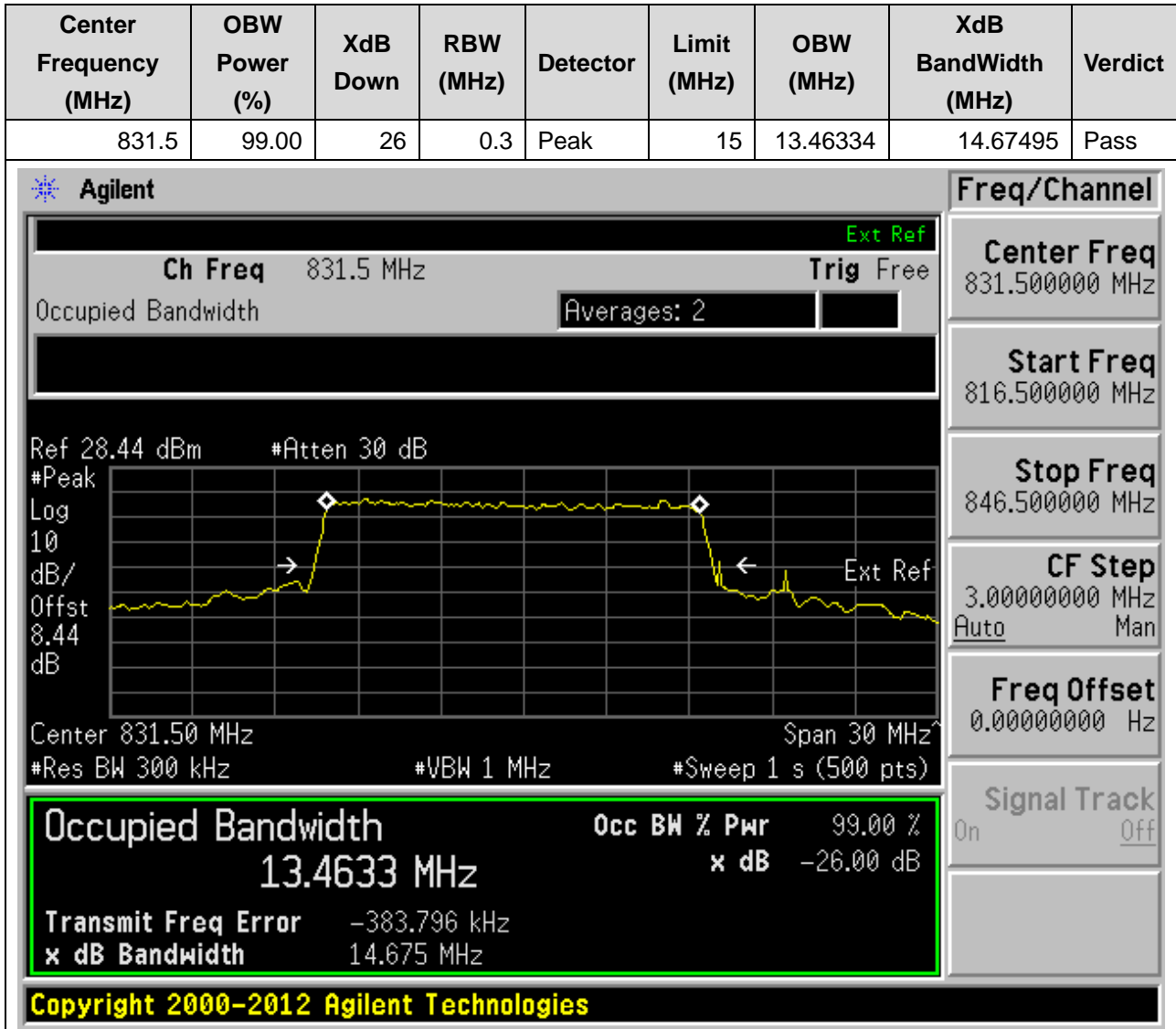
## 23. NR\_n5\_SCS15\_15M\_L\_Outer Full(QPSK)

### 23.7. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_15M\_L\_Outer Full(16QAM)

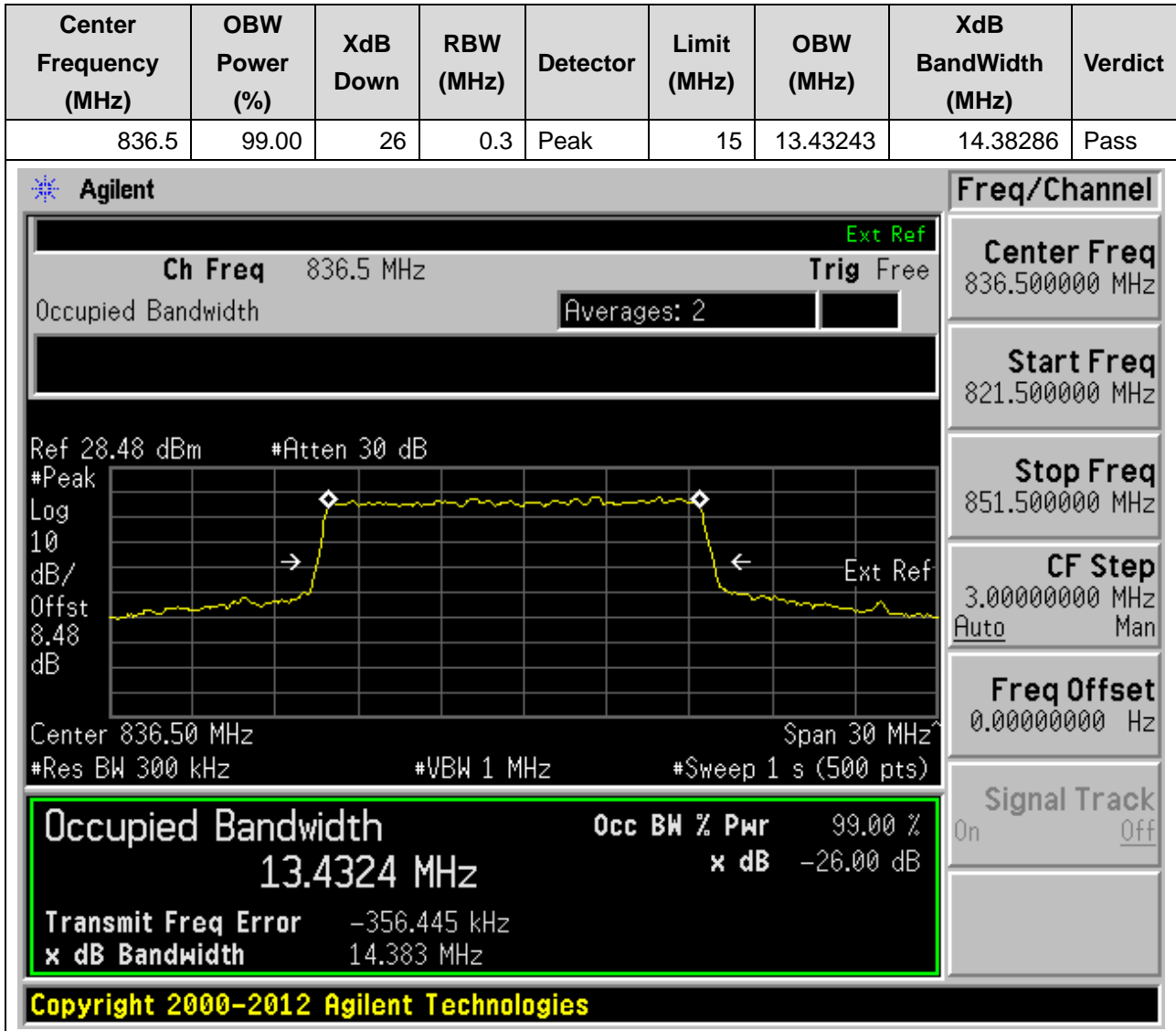
### 23.8. NR Occupied Bandwidth(NTNV)





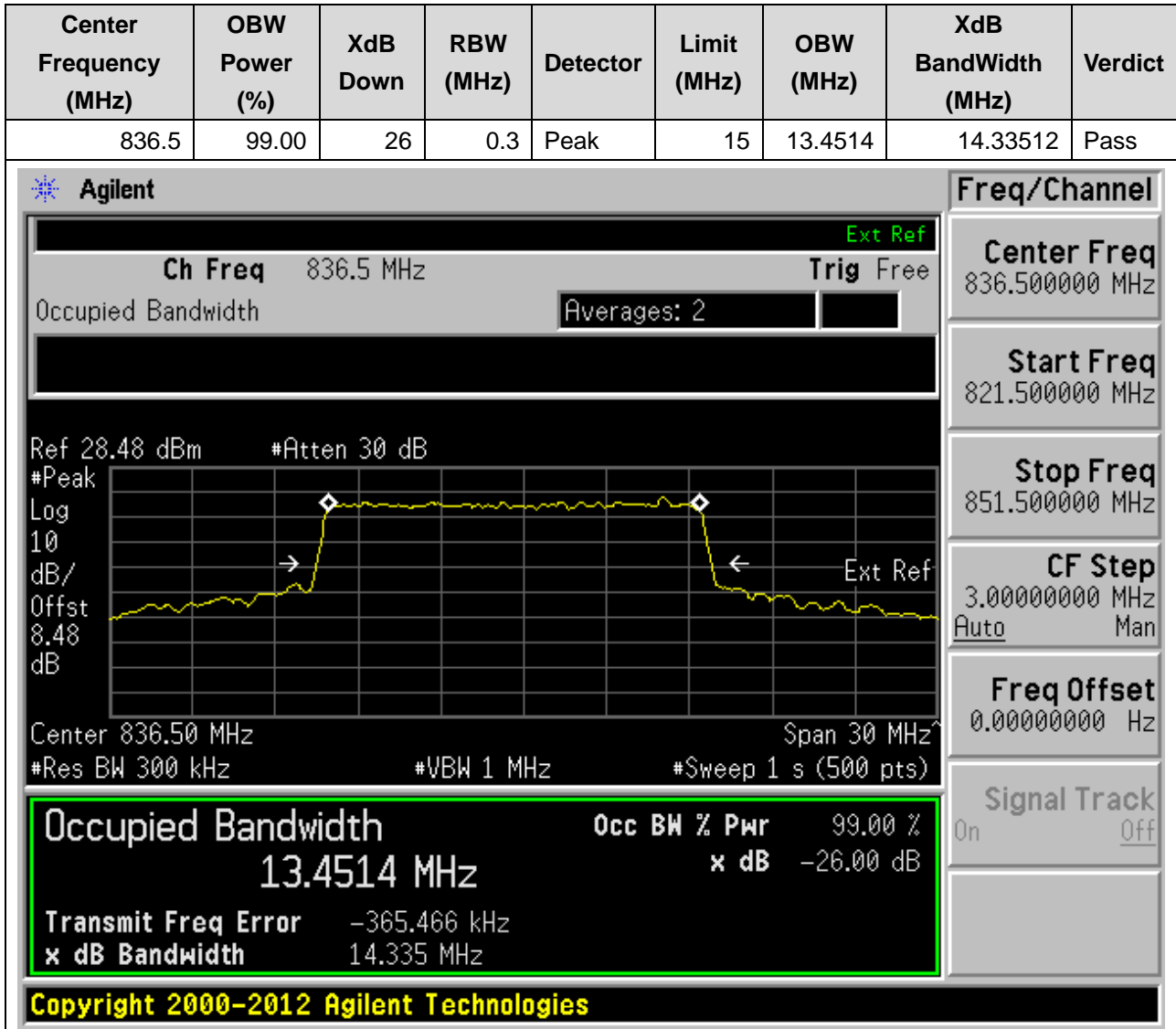
## 23. NR\_n5\_SCS15\_15M\_M\_Outer Full(QPSK)

### 23.9. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_15M\_M\_Outer Full(16QAM)

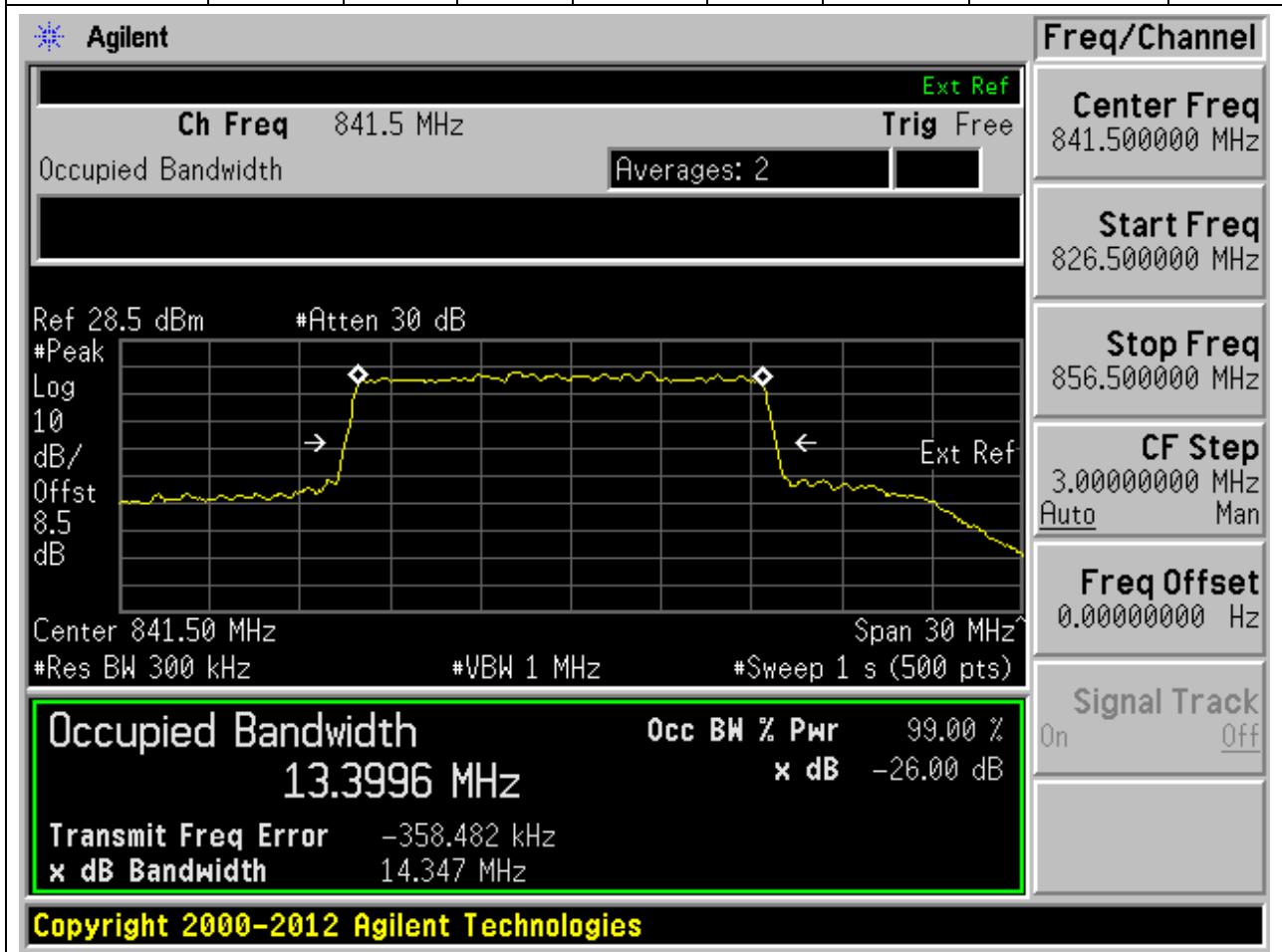
### 23.10. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_15M\_H\_Outer Full(QPSK)

### 23.11. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
841.5	99.00	26	0.3	Peak	15	13.39958	14.34733	Pass



## 23. NR\_n5\_SCS15\_15M\_H\_Outer Full(16QAM)

### 23.12. NR Occupied Bandwidth(NTNV)



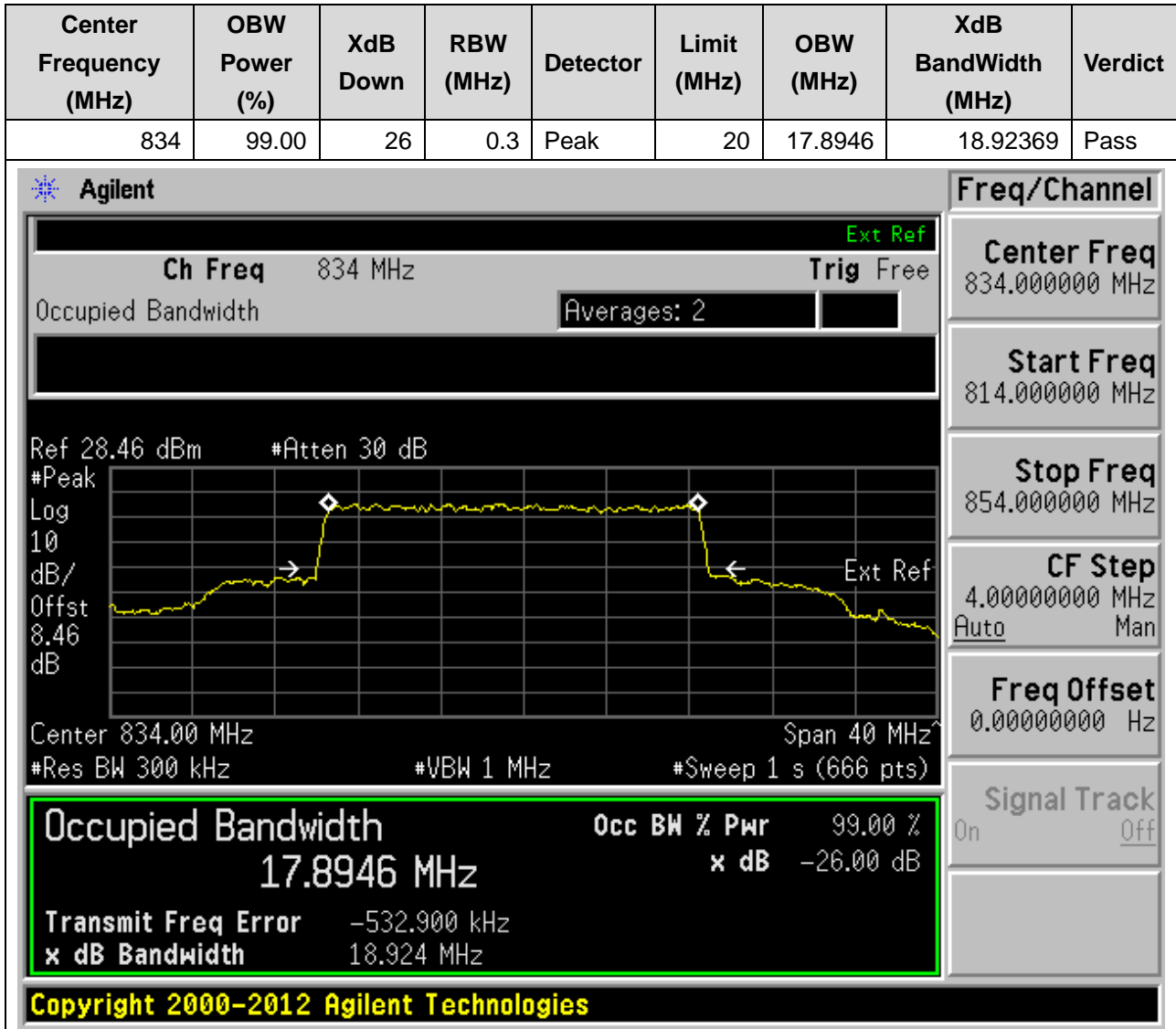
## 23. NR\_n5\_SCS15\_20M\_L\_Outer Full(QPSK)

### 23.13. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_20M\_L\_Outer Full(16QAM)

### 23.14. NR Occupied Bandwidth(NTNV)



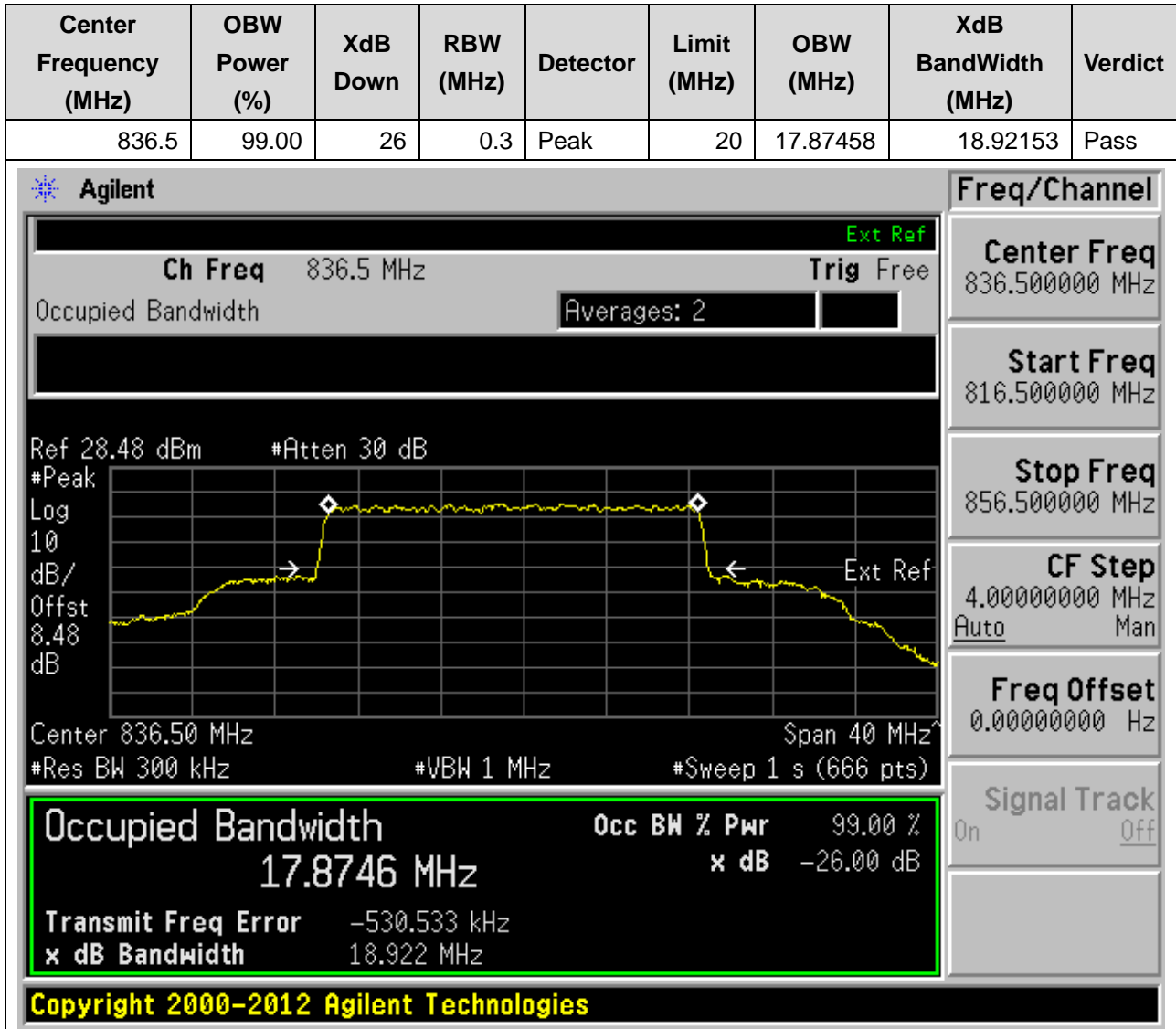
## 23. NR\_n5\_SCS15\_20M\_M\_Outer Full(QPSK)

### 23.15. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_20M\_M\_Outer Full(16QAM)

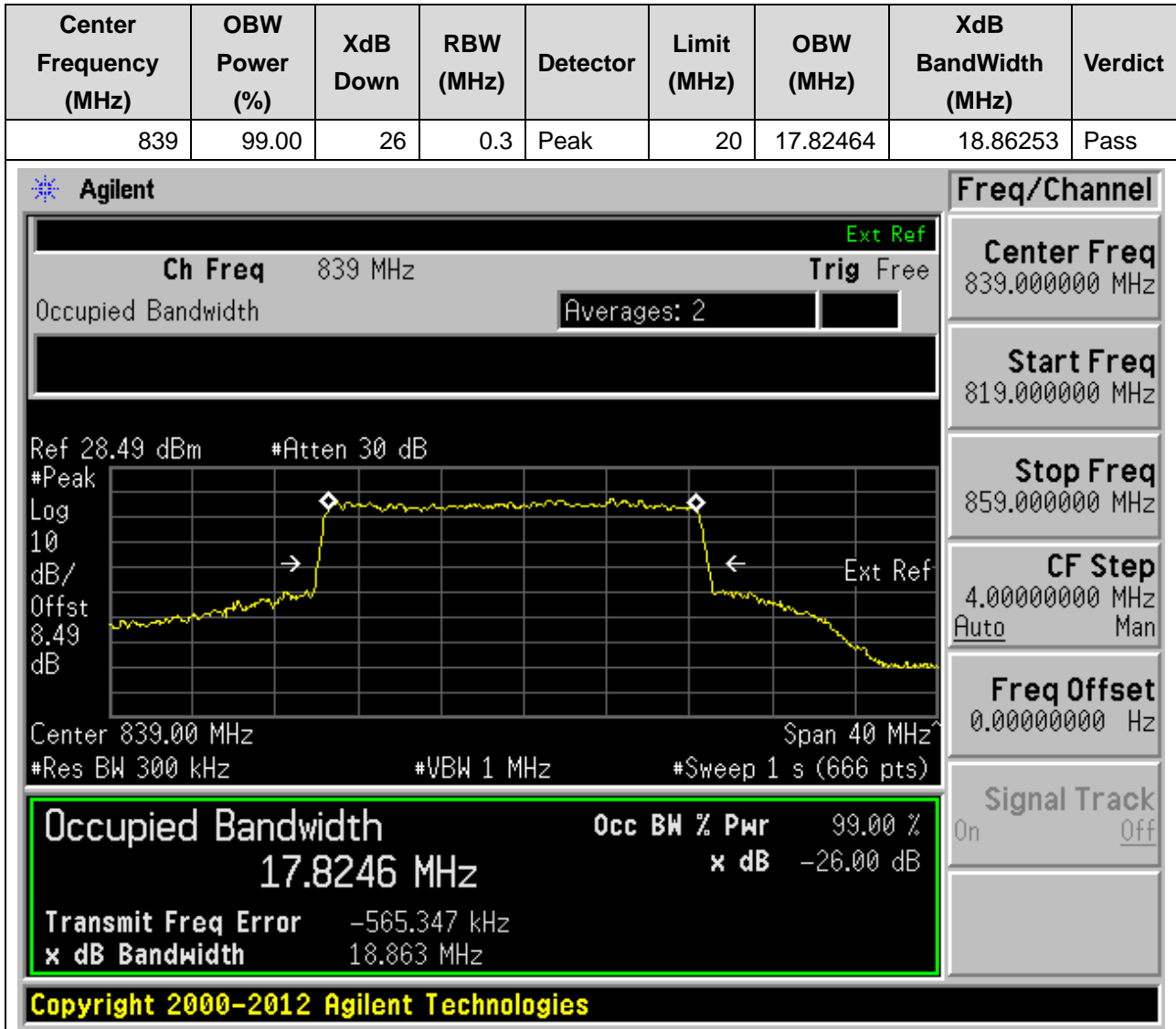
### 23.16. NR Occupied Bandwidth(NTNV)





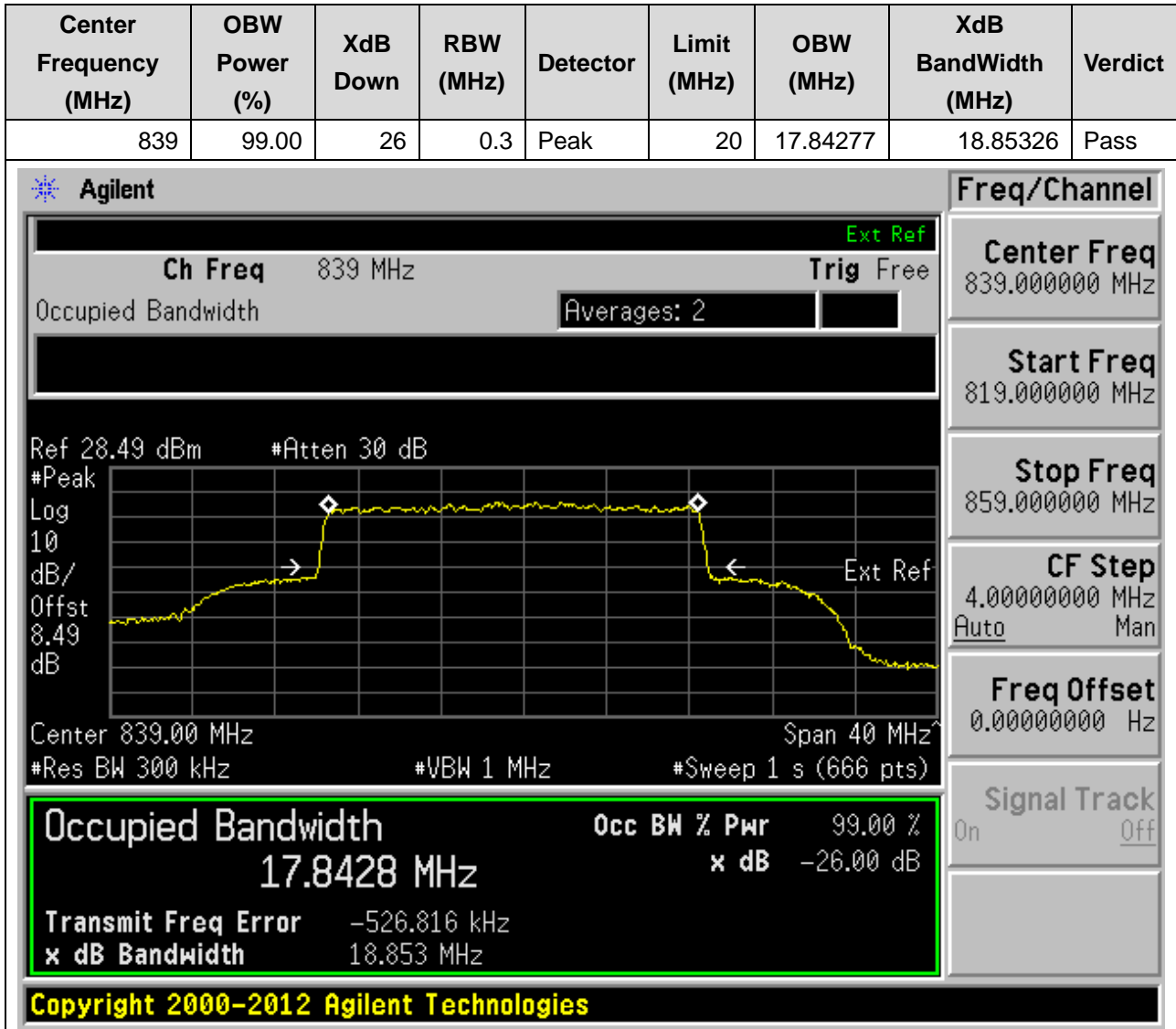
## 23. NR\_n5\_SCS15\_20M\_H\_Outer Full(QPSK)

### 23.17. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_20M\_H\_Outer Full(16QAM)

### 23.18. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_L\_Outer Full(QPSK)

### 24.1. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_L\_Outer Full(16QAM)

### 24.2. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_M\_Outer Full(QPSK)

### 24.3. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_M\_Outer Full(16QAM)

### 24.4. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_H\_Outer Full(QPSK)

### 24.5. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_H\_Outer Full(16QAM)

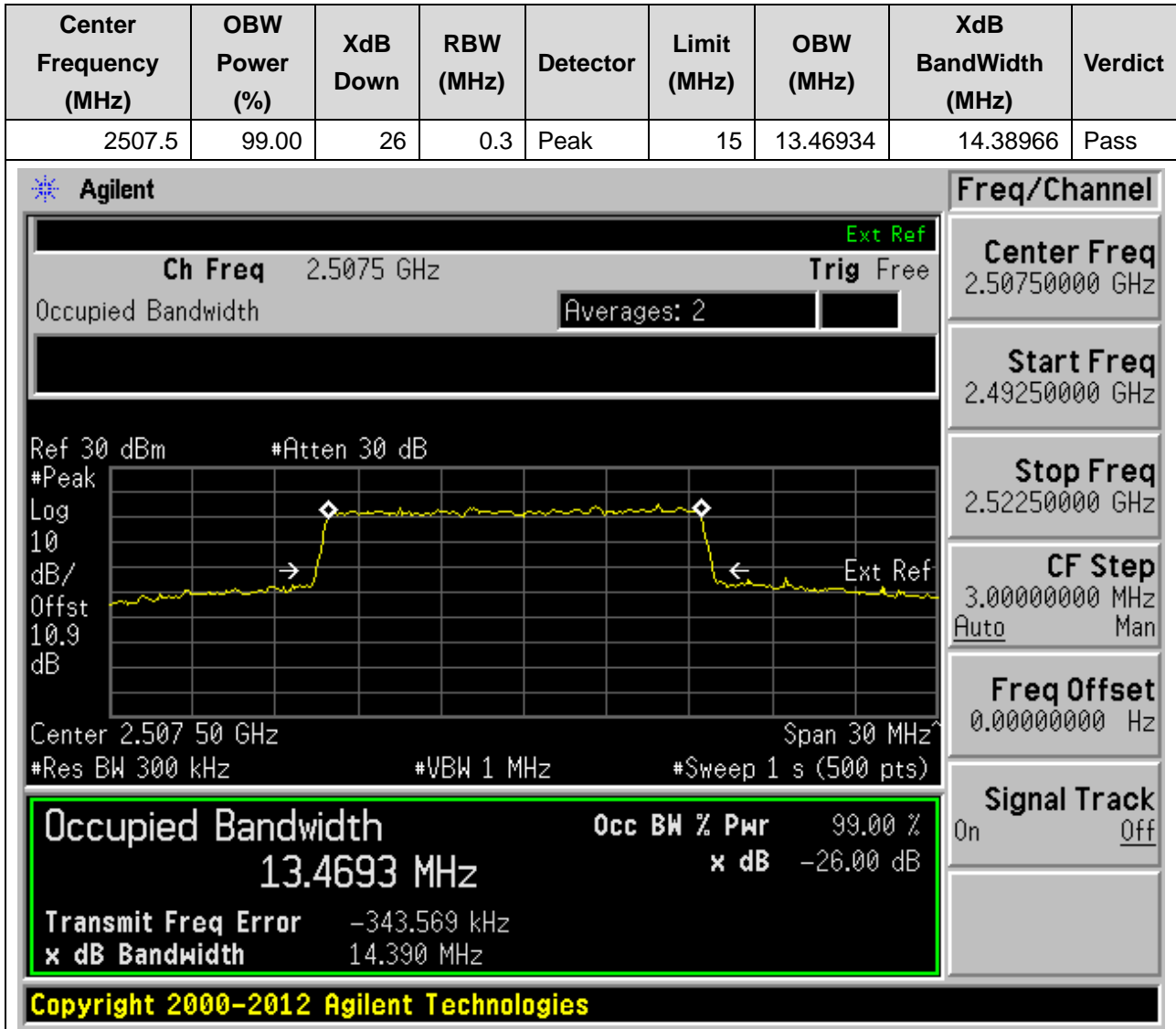
### 24.6. NR Occupied Bandwidth(NTNV)





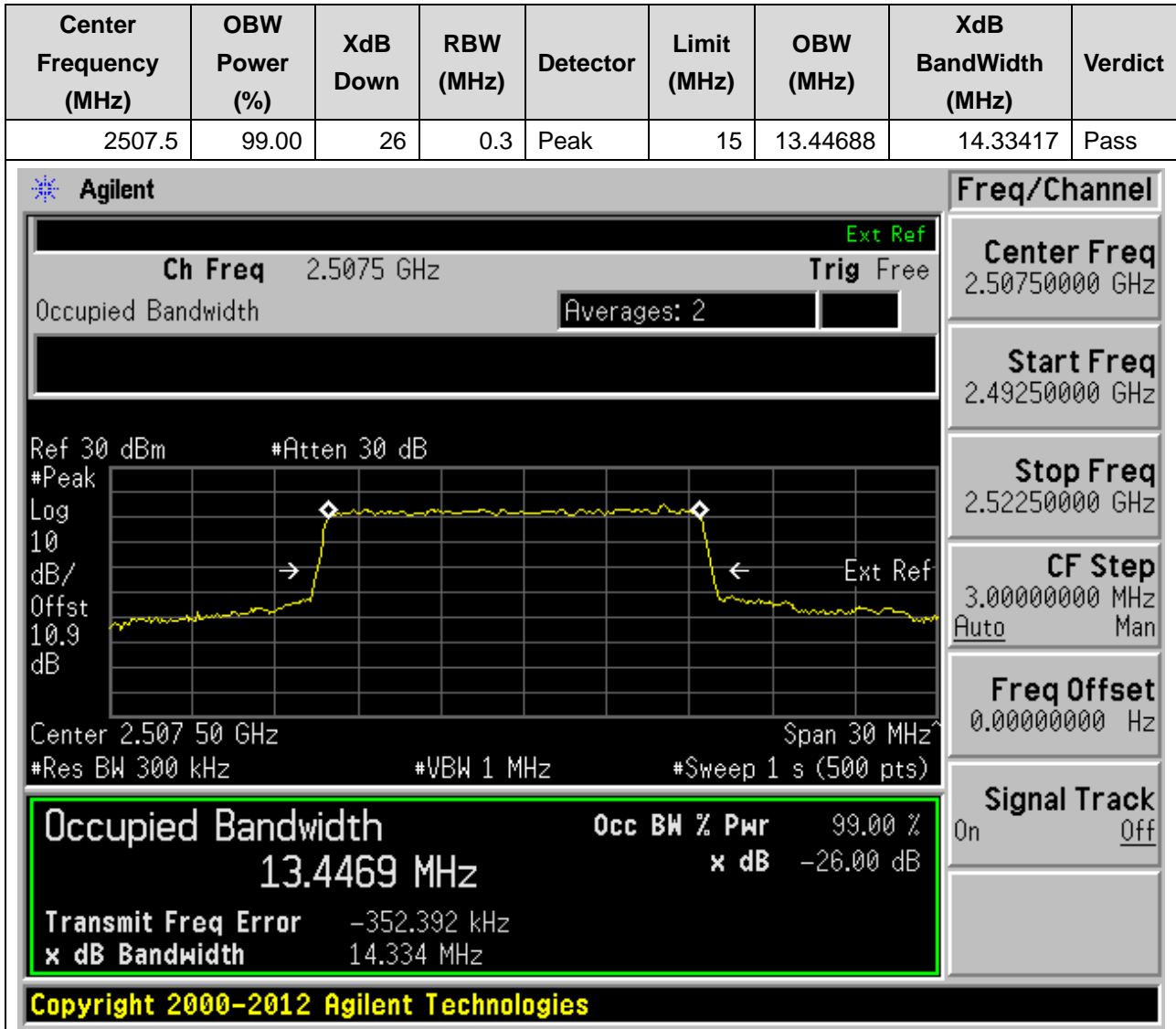
## 24. NR\_n7\_SCS15\_15M\_L\_Outer Full(QPSK)

### 24.7. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_15M\_L\_Outer Full(16QAM)

### 24.8. NR Occupied Bandwidth(NTNV)



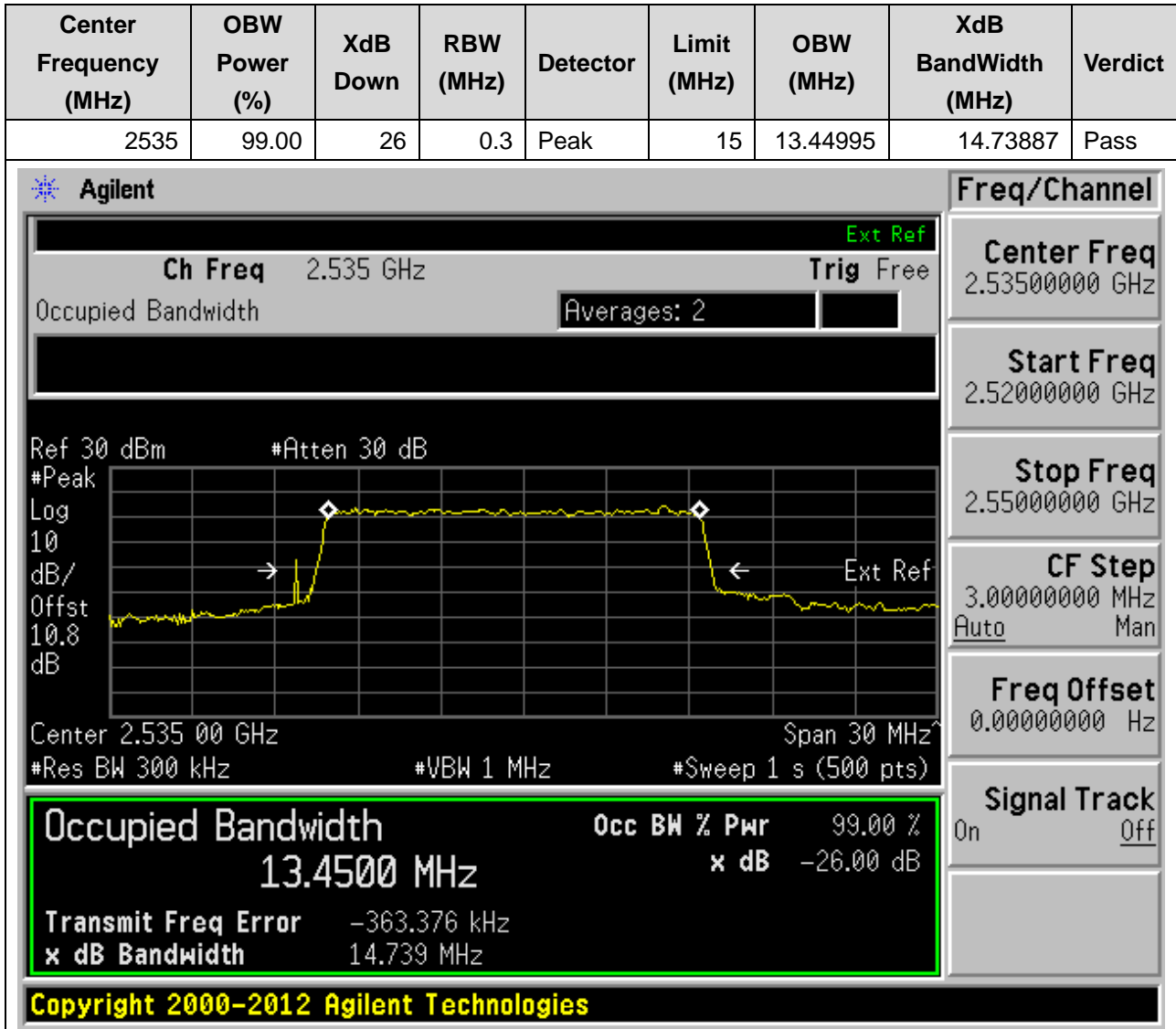
## 24. NR\_n7\_SCS15\_15M\_M\_Outer Full(QPSK)

### 24.9. NR Occupied Bandwidth(NTNV)



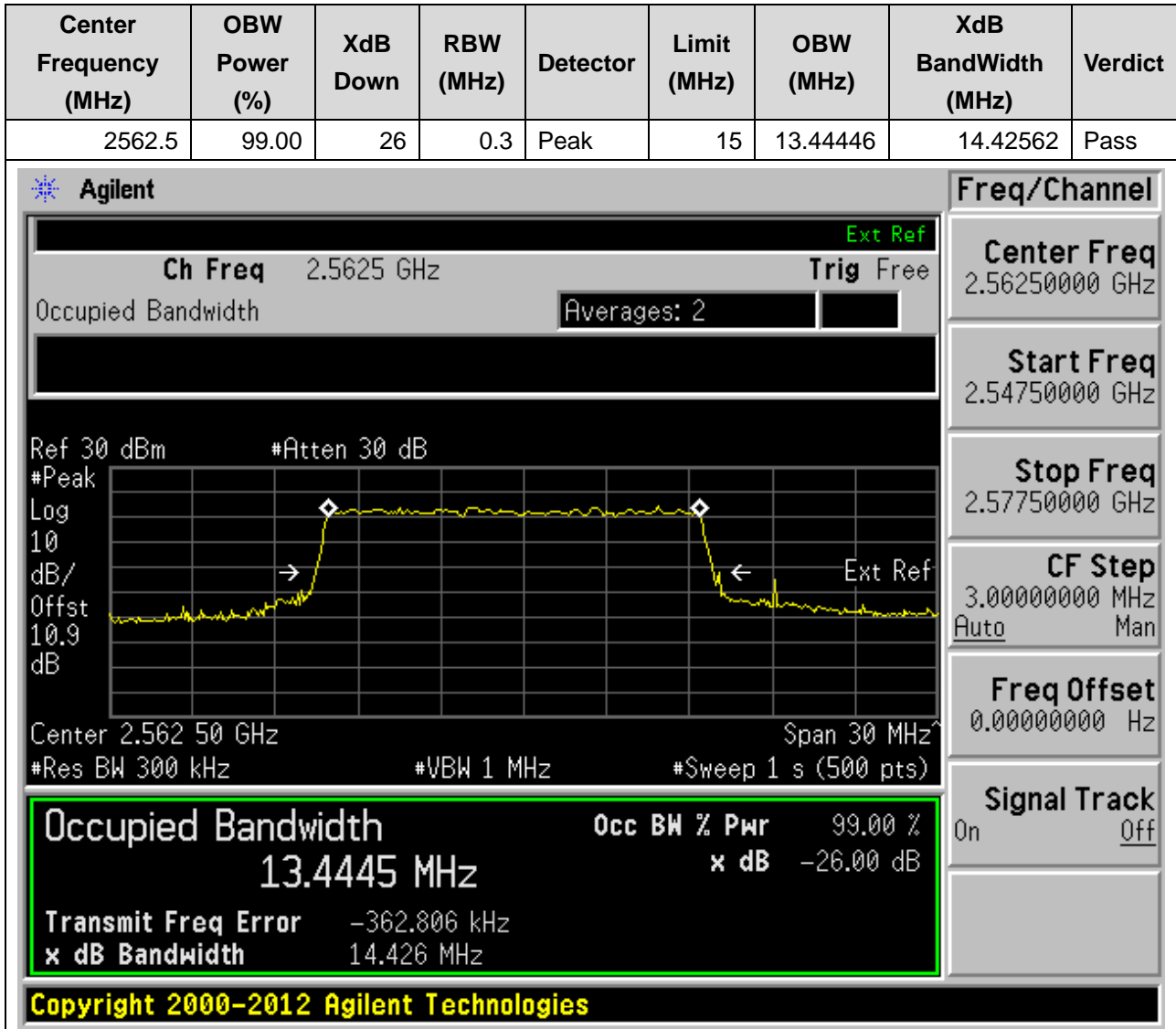
## 24. NR\_n7\_SCS15\_15M\_M\_Outer Full(16QAM)

### 24.10. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_15M\_H\_Outer Full(QPSK)

### 24.11. NR Occupied Bandwidth(NTNV)



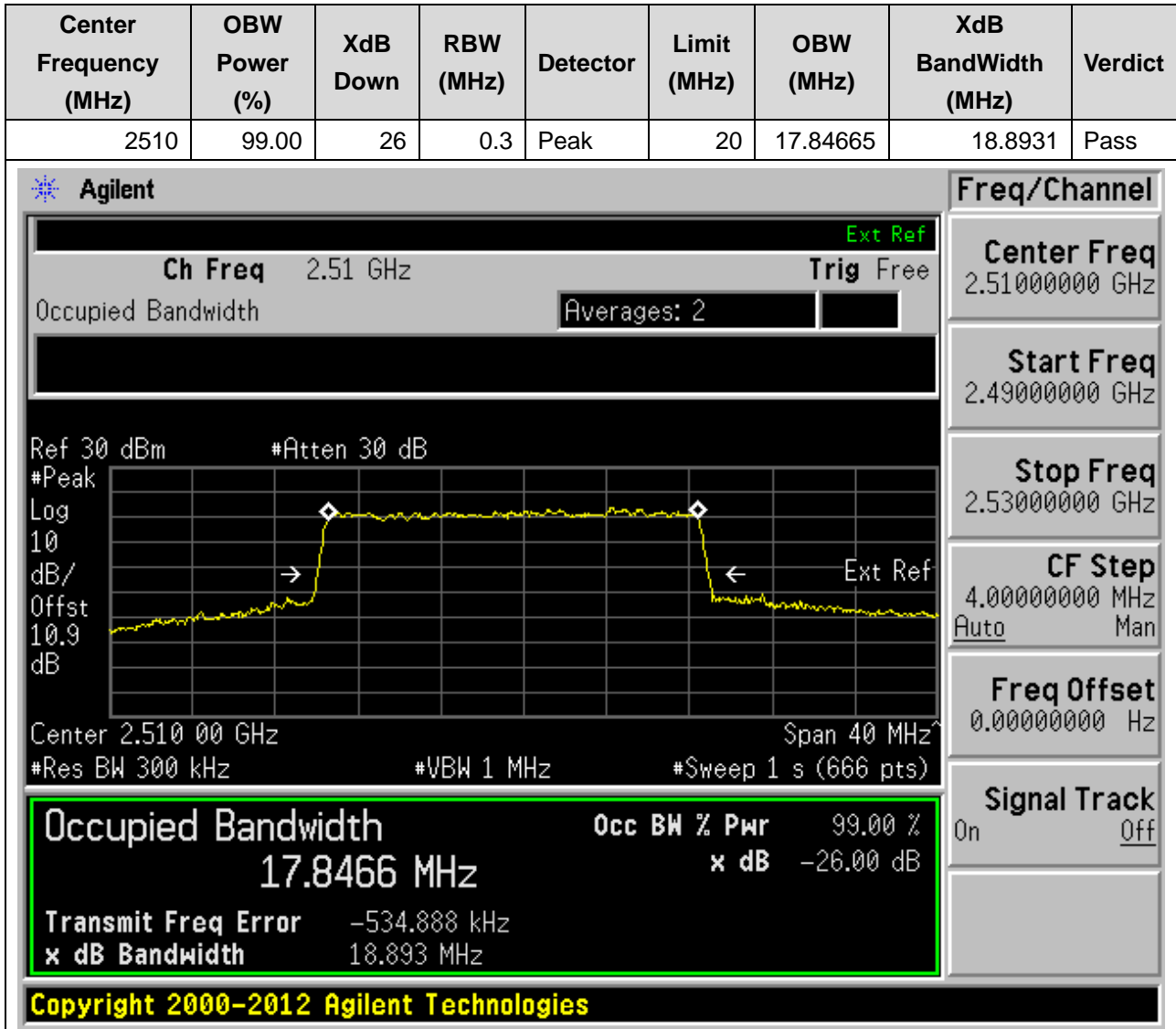
## 24. NR\_n7\_SCS15\_15M\_H\_Outer Full(16QAM)

### 24.12. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_20M\_L\_Outer Full(QPSK)

### 24.13. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_20M\_L\_Outer Full(16QAM)

### 24.14. NR Occupied Bandwidth(NTNV)





## 24. NR\_n7\_SCS15\_20M\_M\_Outer Full(QPSK)

### 24.15. NR Occupied Bandwidth(NTNV)



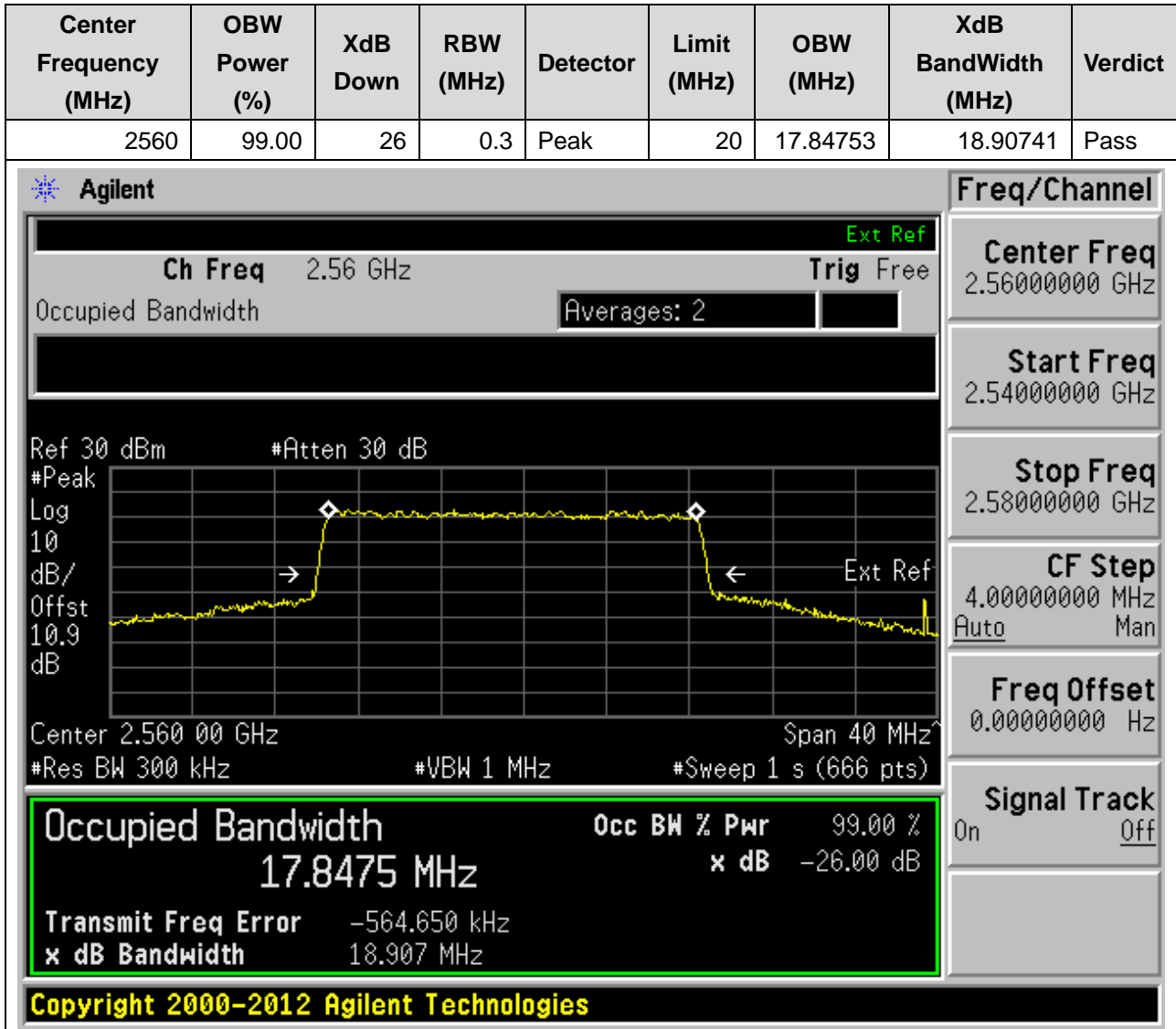
## 24. NR\_n7\_SCS15\_20M\_M\_Outer Full(16QAM)

### 24.16. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_20M\_H\_Outer Full(QPSK)

### 24.17. NR Occupied Bandwidth(NTNV)



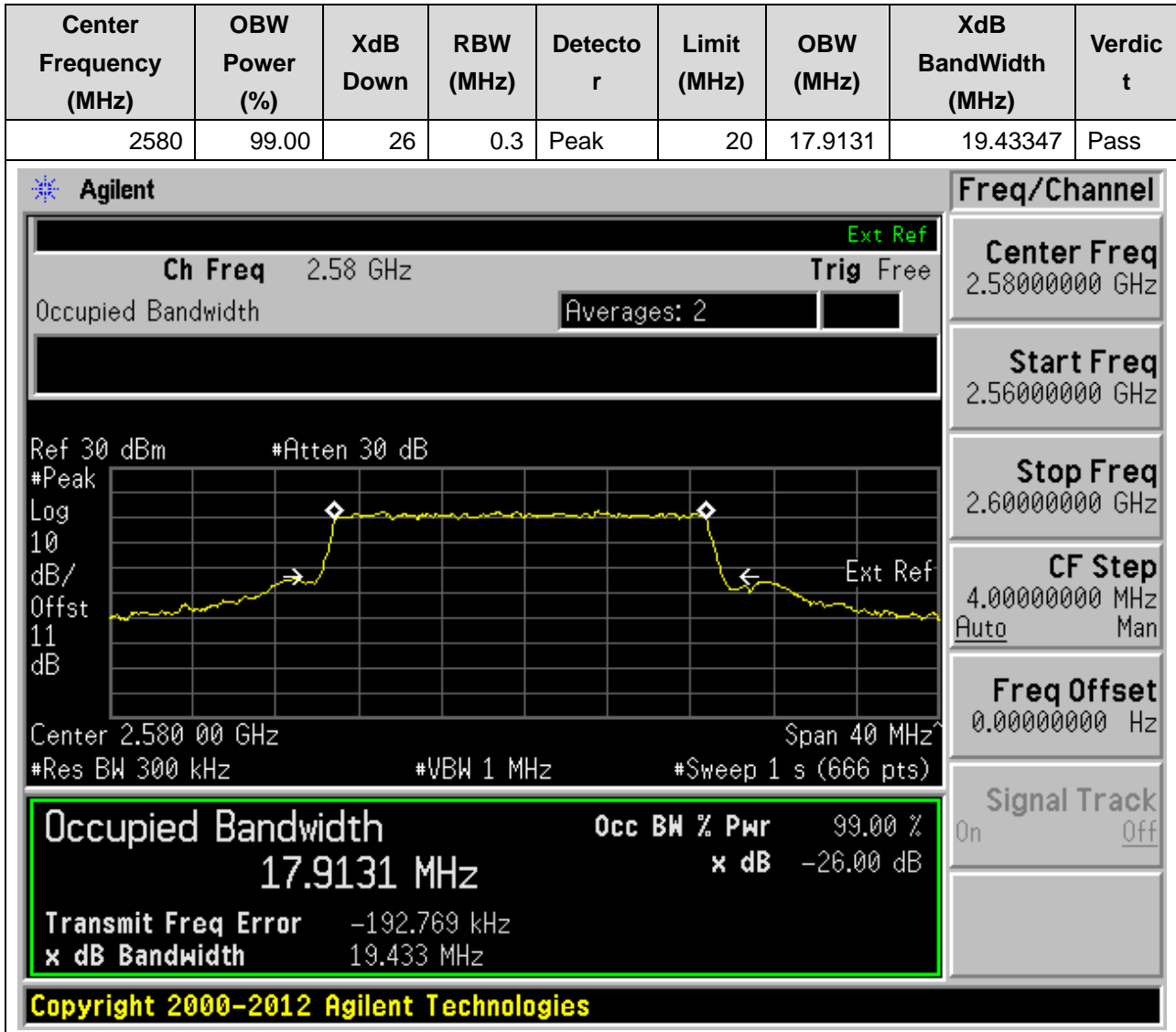
## 24. NR\_n7\_SCS15\_20M\_H\_Outer Full(16QAM)

### 24.18. NR Occupied Bandwidth(NTNV)



## 25. NR\_n38\_SCS30\_20M\_L\_Outer Full(QPSK)

### 25.1. NR Occupied Bandwidth(NTNV)



## 25. NR\_n38\_SCS30\_20M\_L\_Outer Full(16QAM)

### 25.2. NR Occupied Bandwidth(NTNV)

