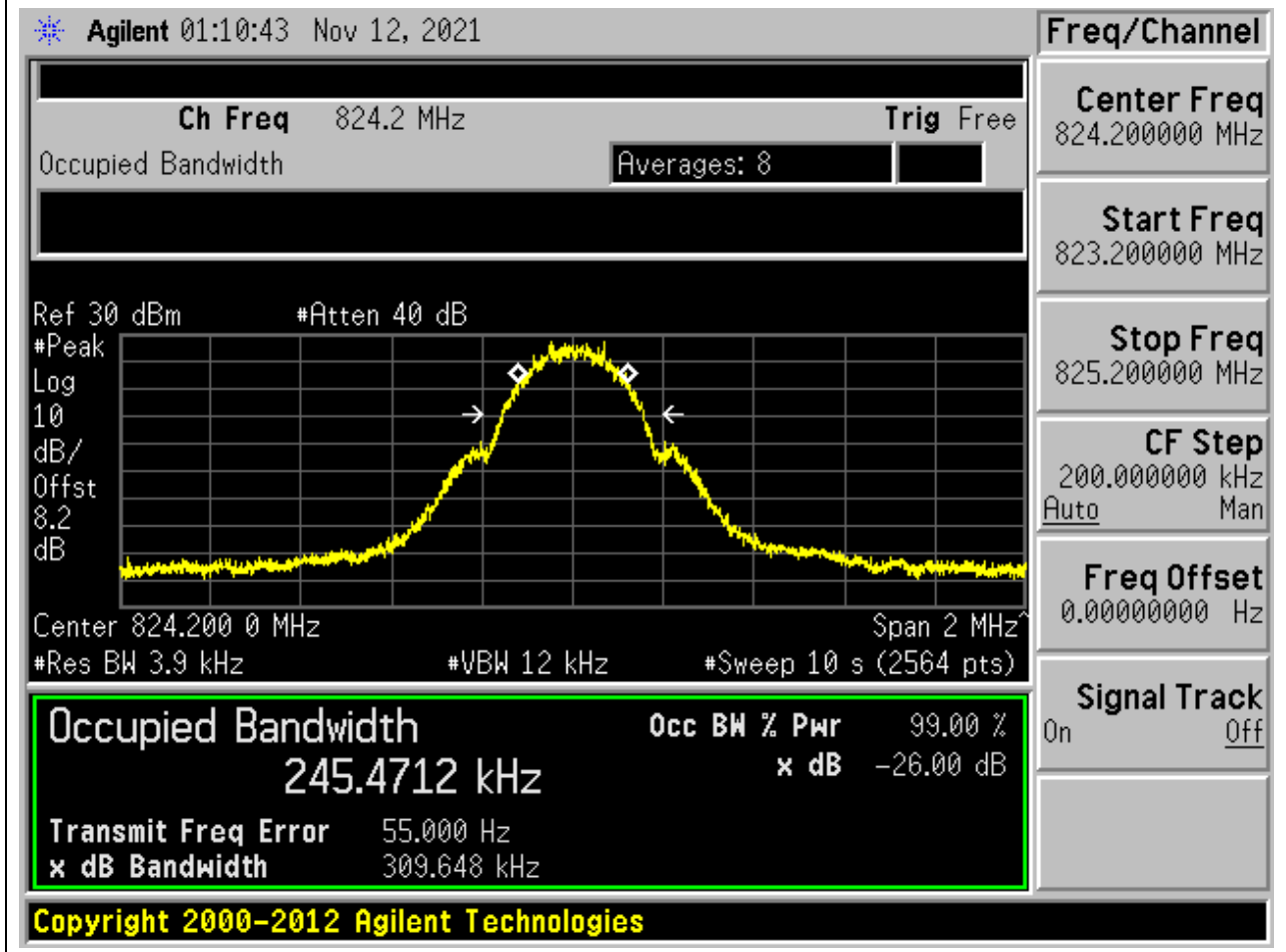


## Annex 3. Occupied Bandwidth

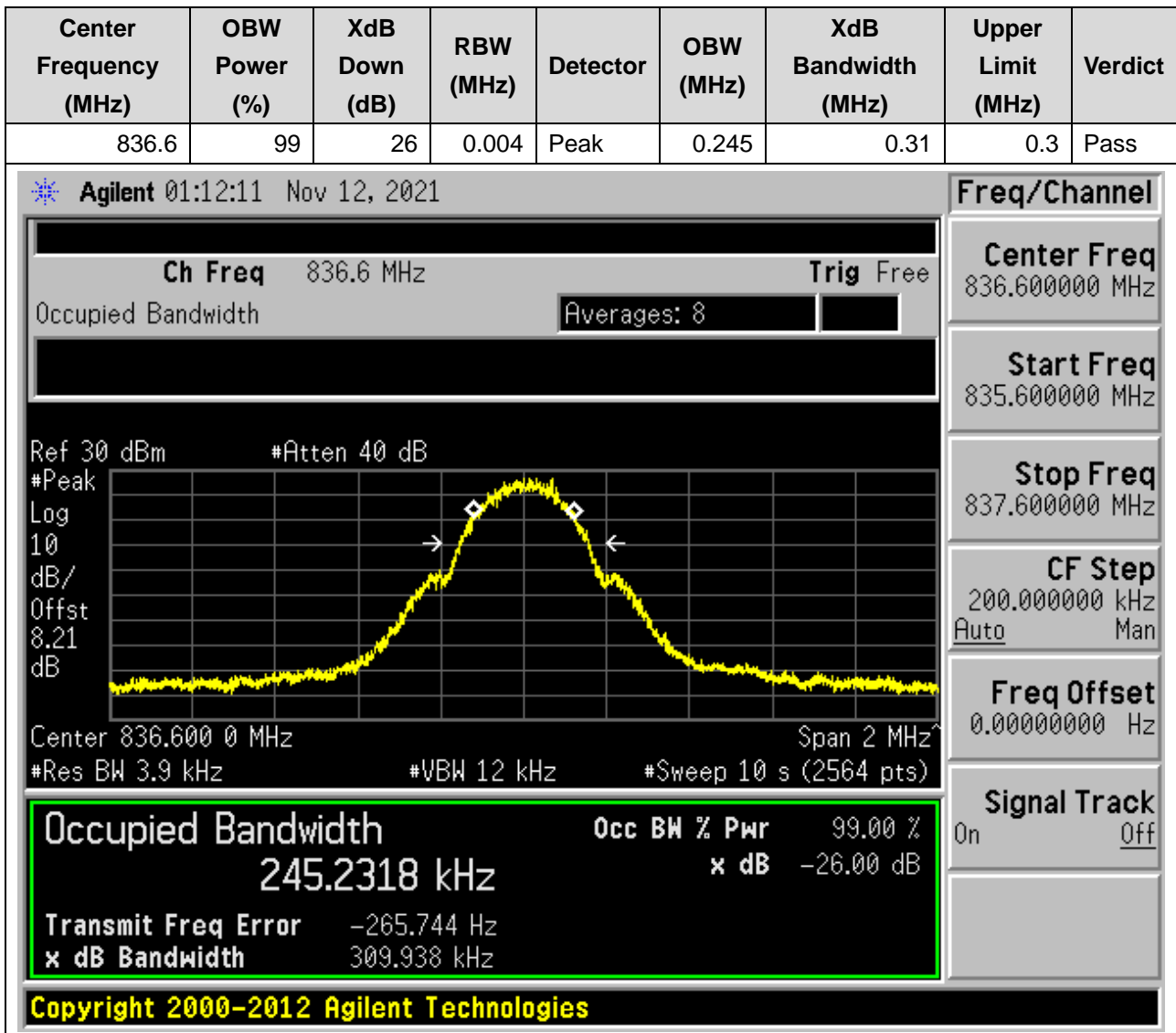
# 1. GSM\_GSM850

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

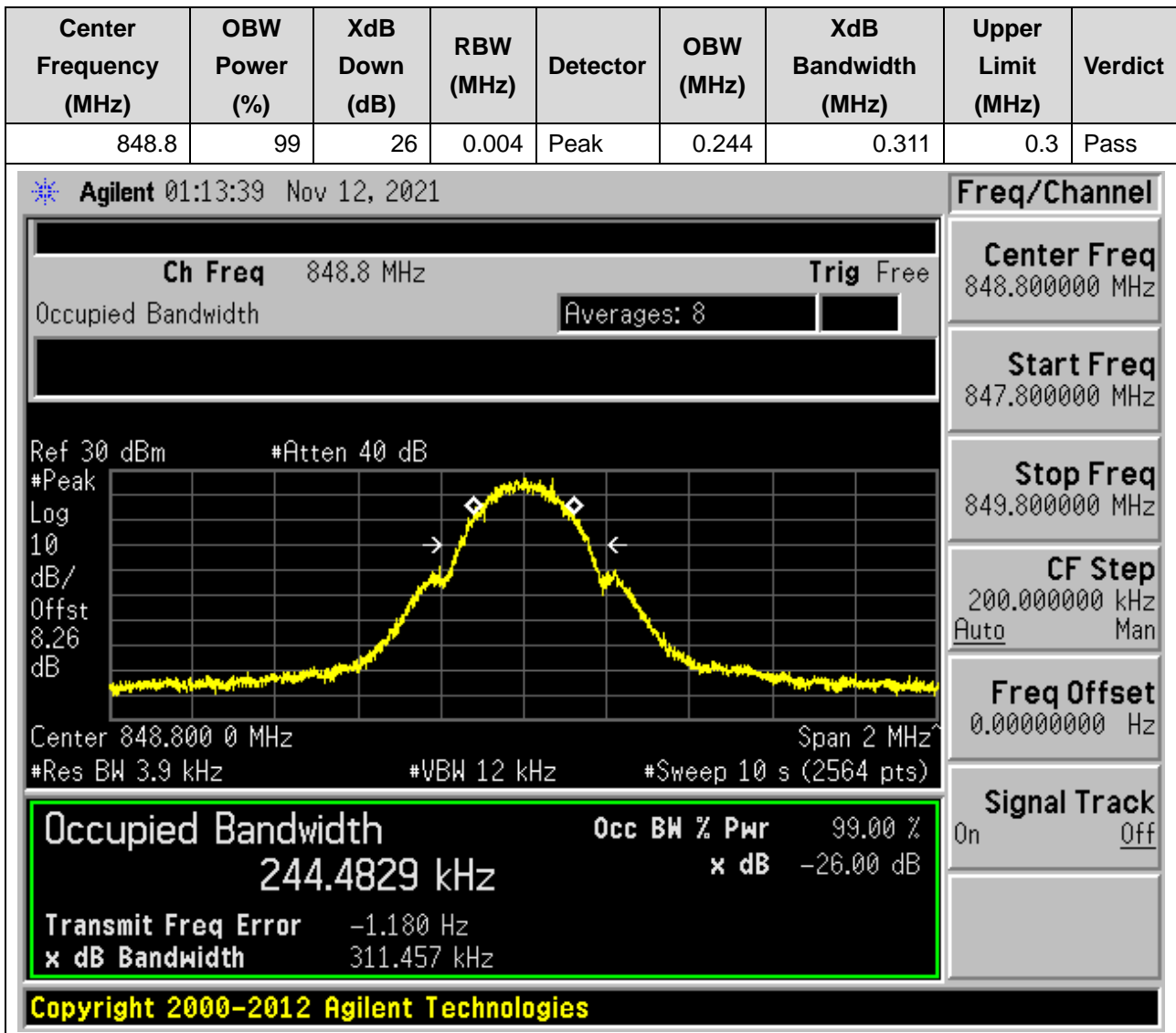
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.245	0.31	0.3	Pass



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

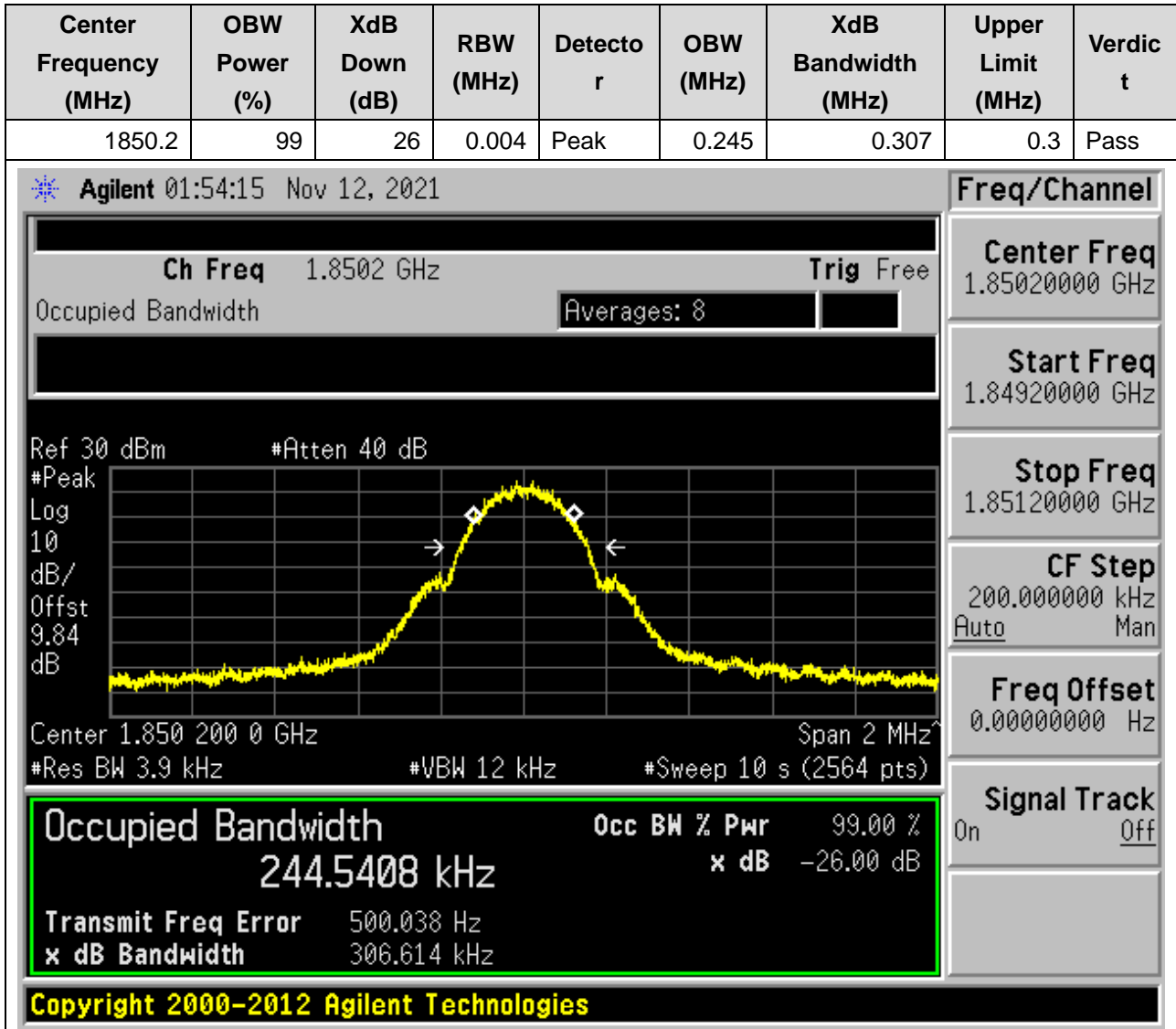


### 1.3. GSM Occupied Bandwidth(NTNV)(Channel:251)

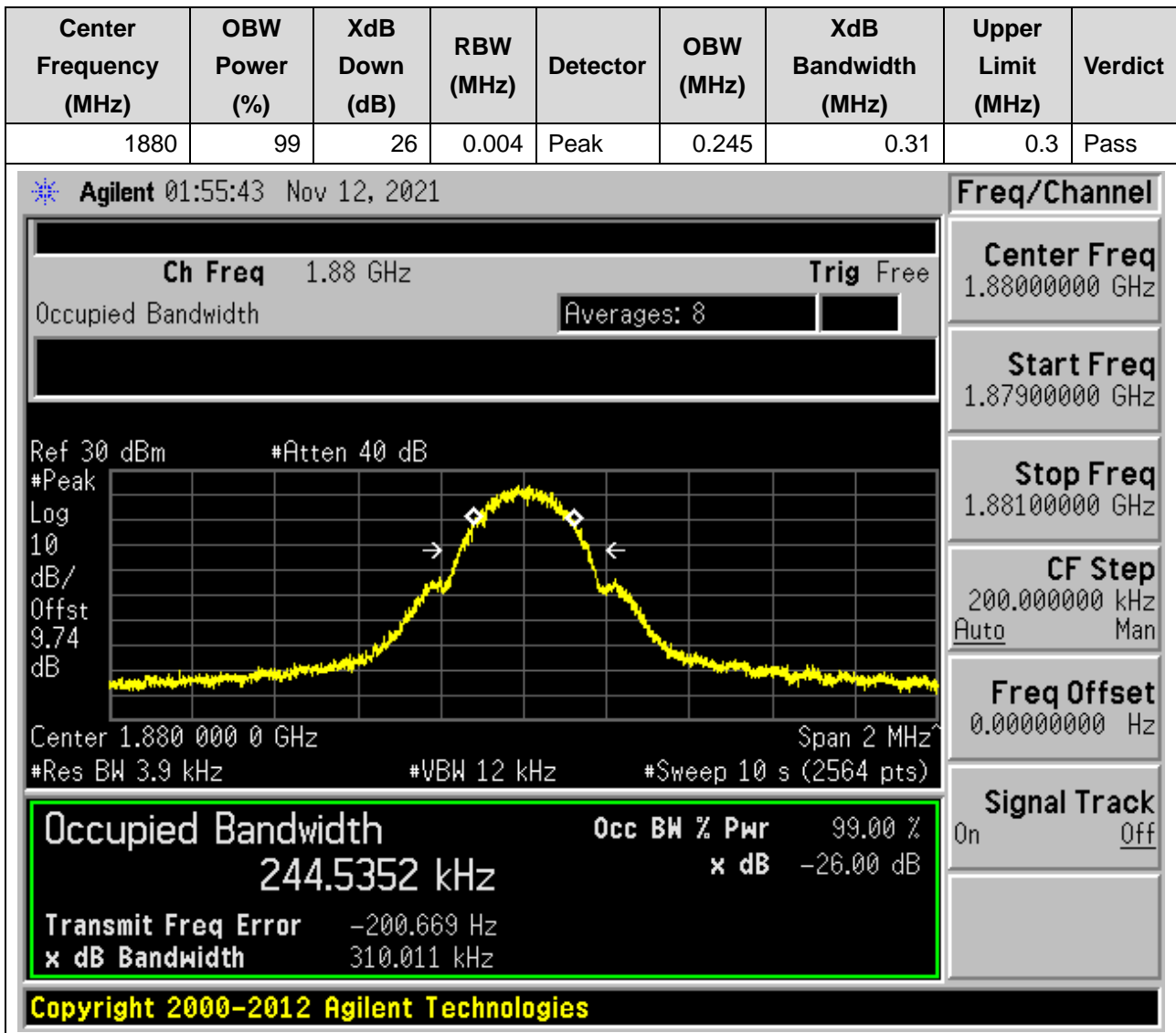


## 2. GSM\_PCS

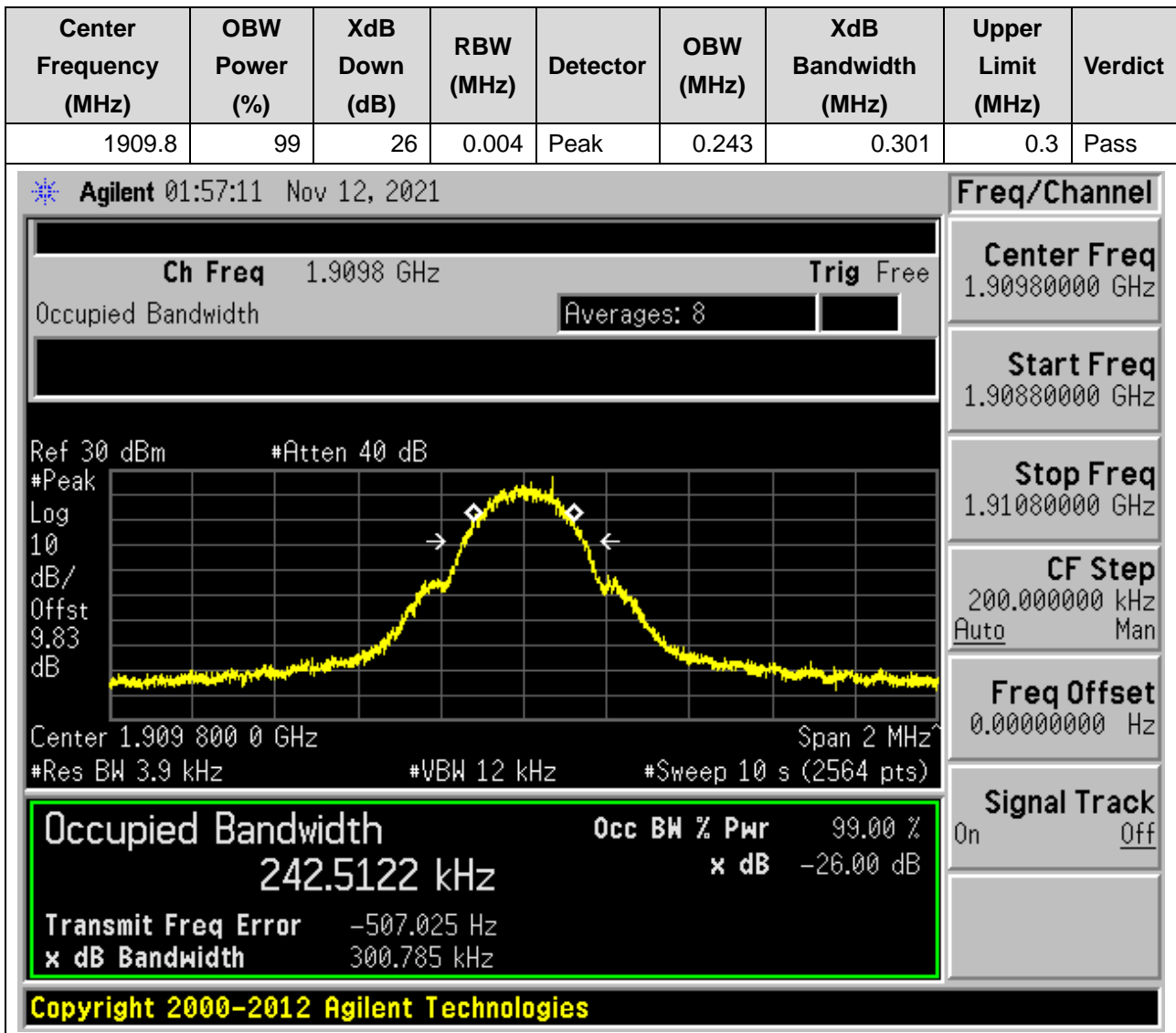
### 2.1. GSM Occupied Bandwidth(NTNV)(Channel:512)



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

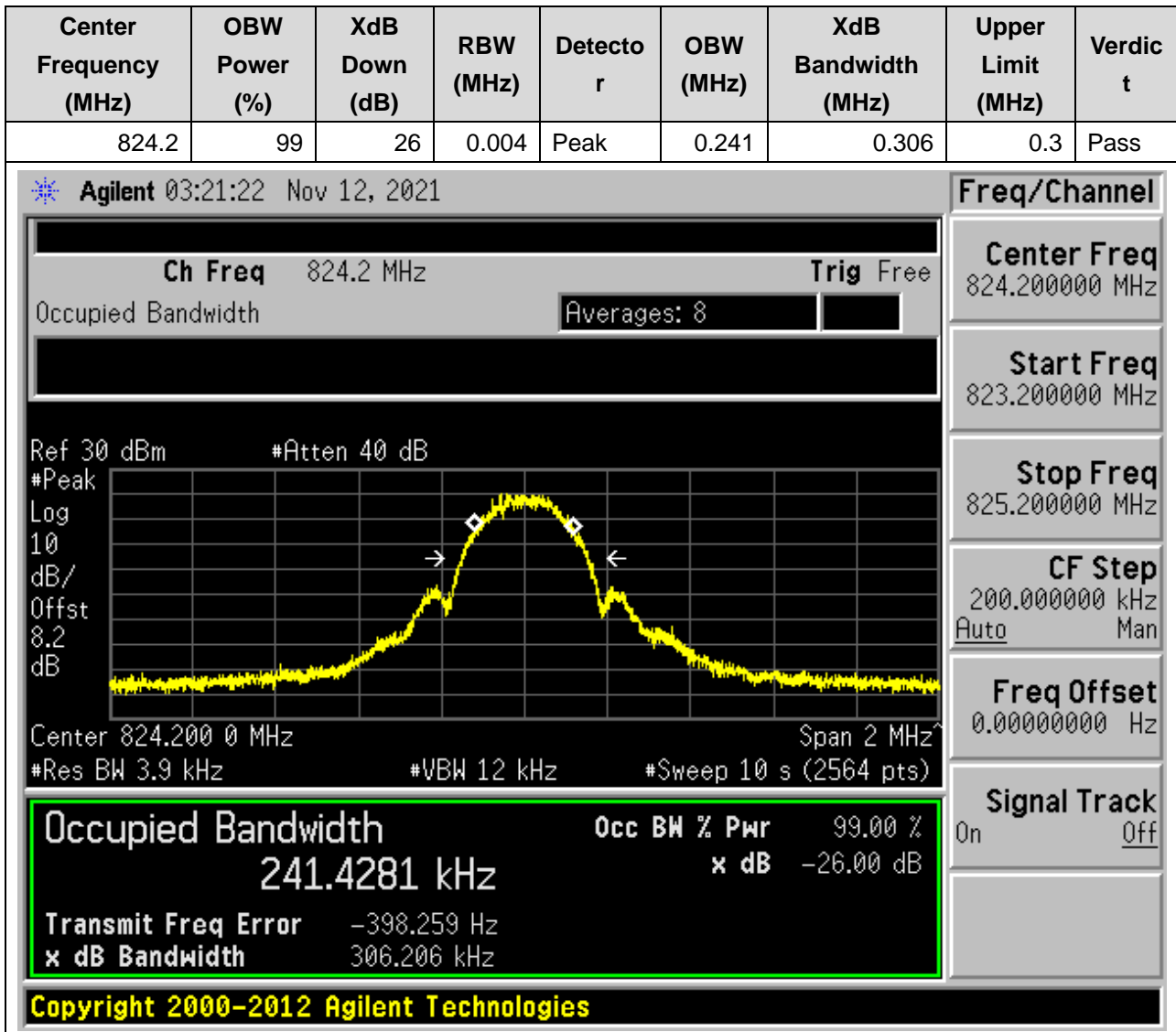


### 2.3. GSM Occupied Bandwidth(NTNV)(Channel:810)



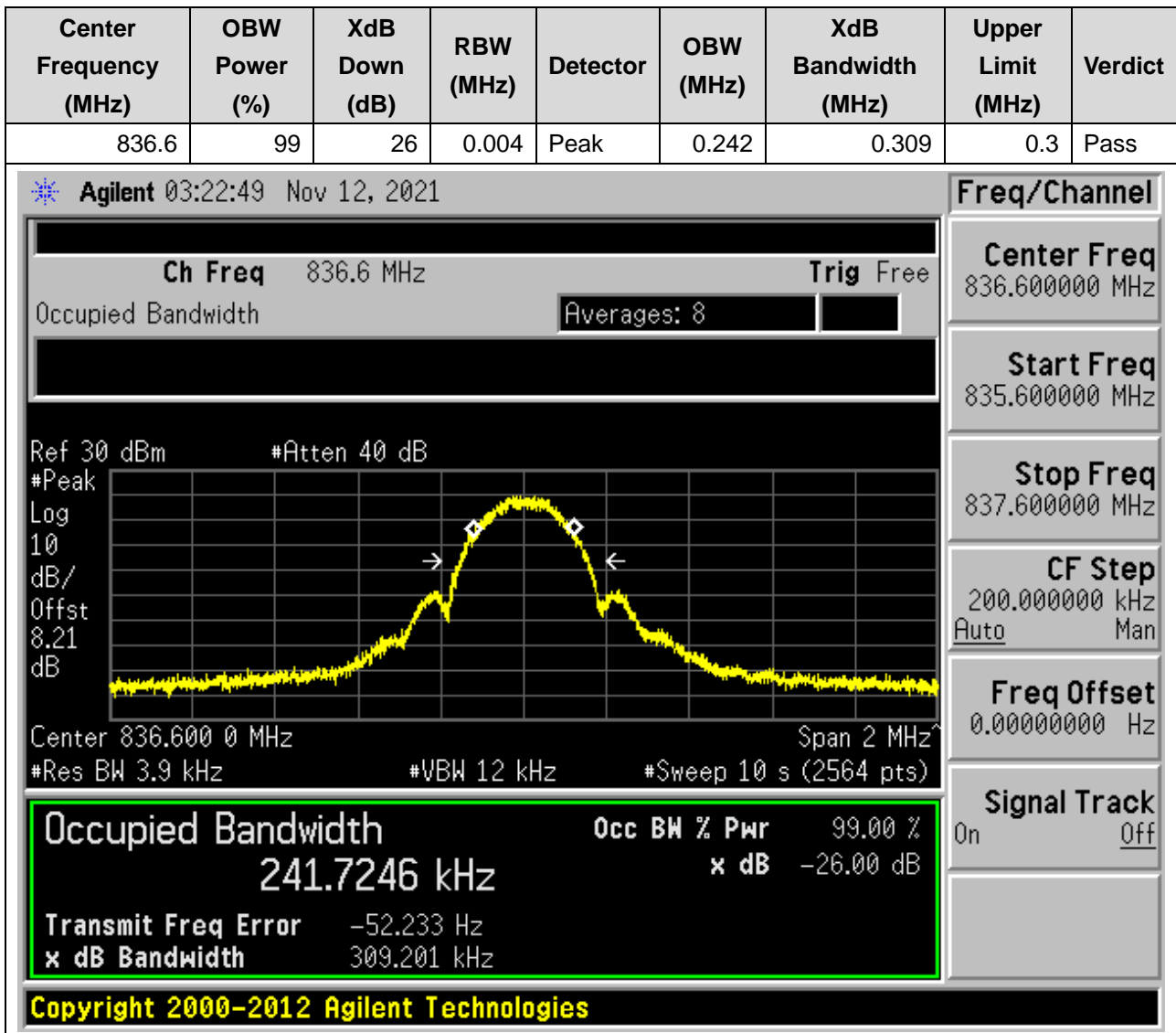
### 3. EGPRS\_GSM850

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

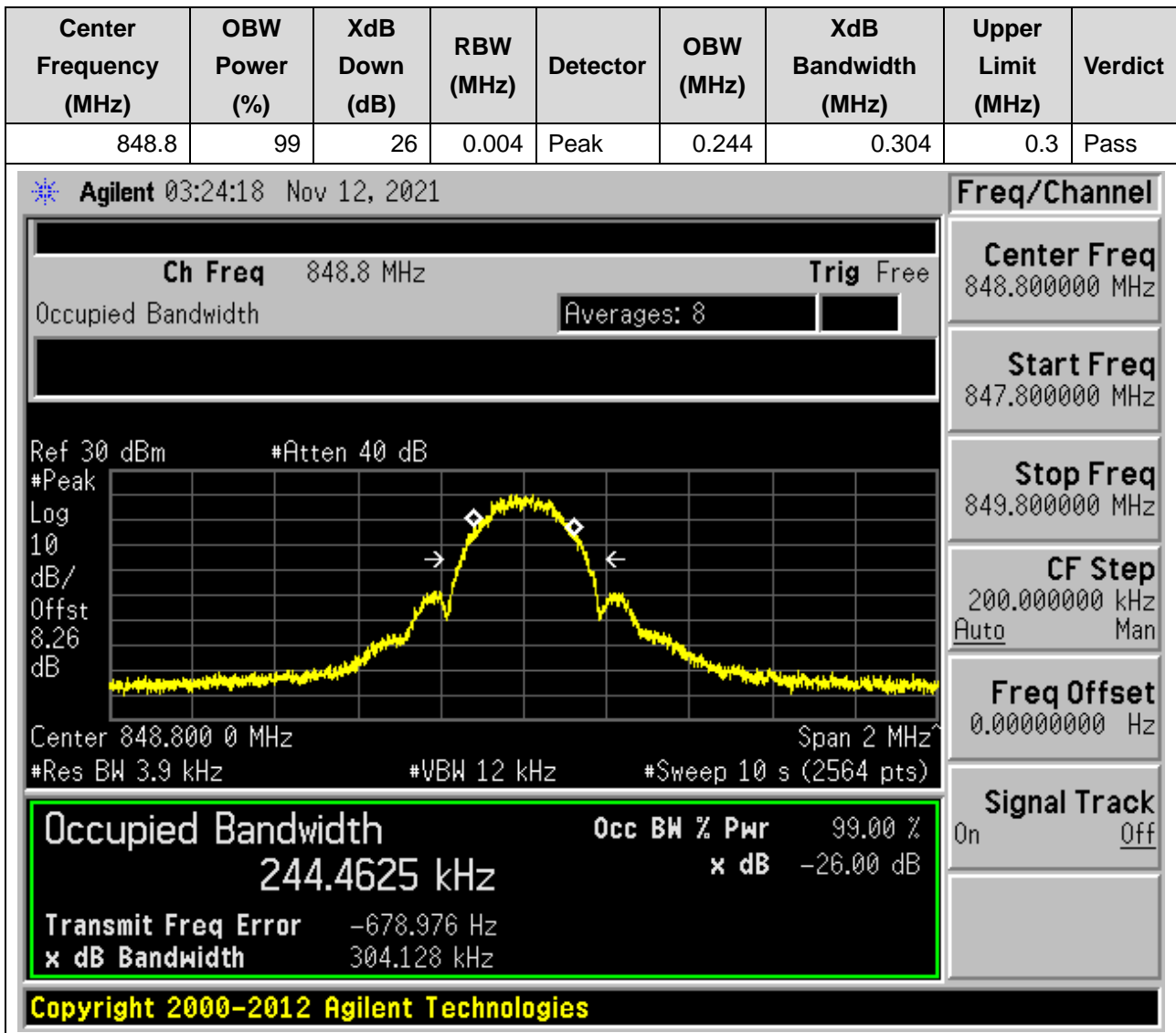




### 3.2. EGPRS Occupied Bandwidth(NTNV)(Channel:190)

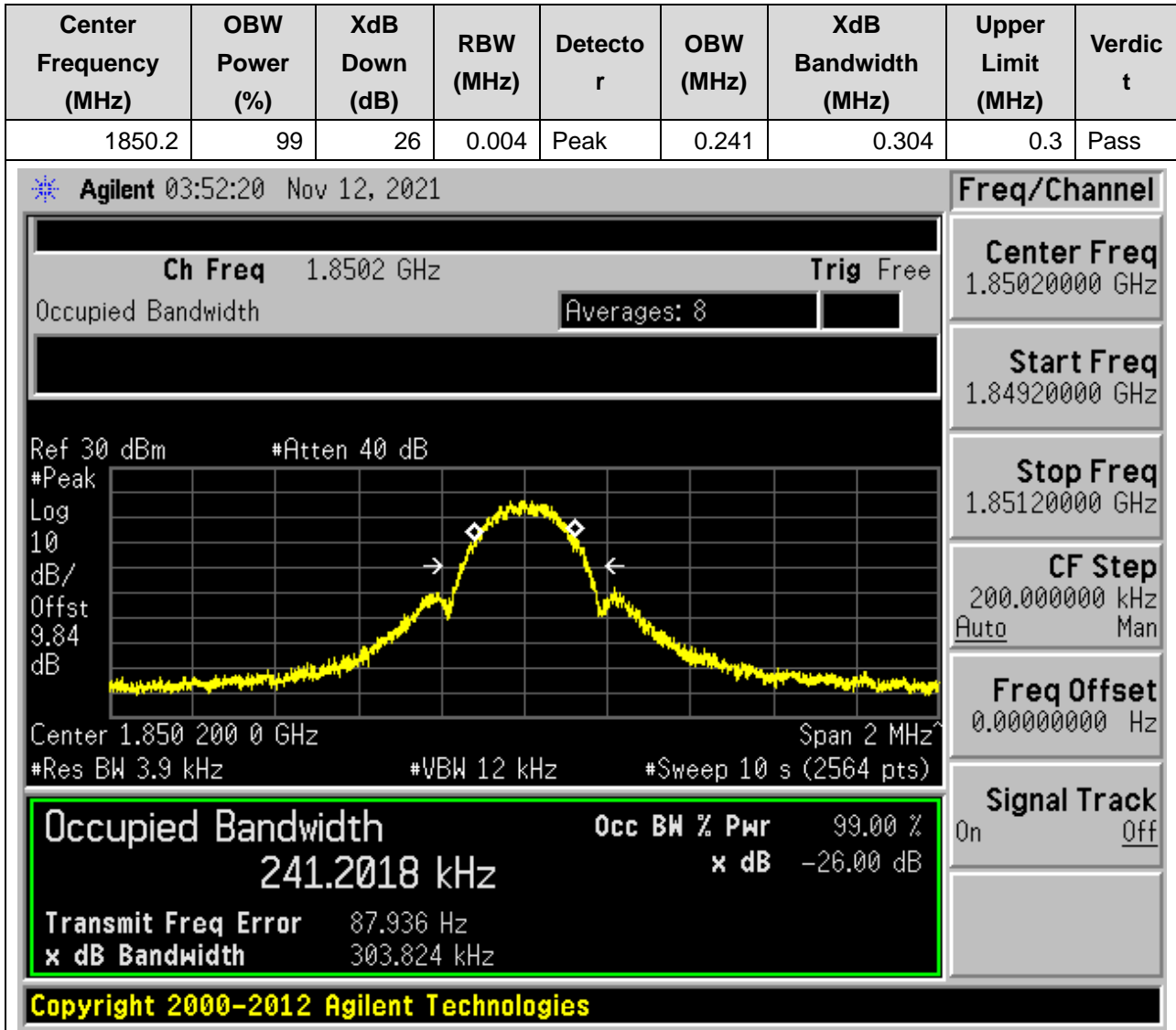


### 3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)

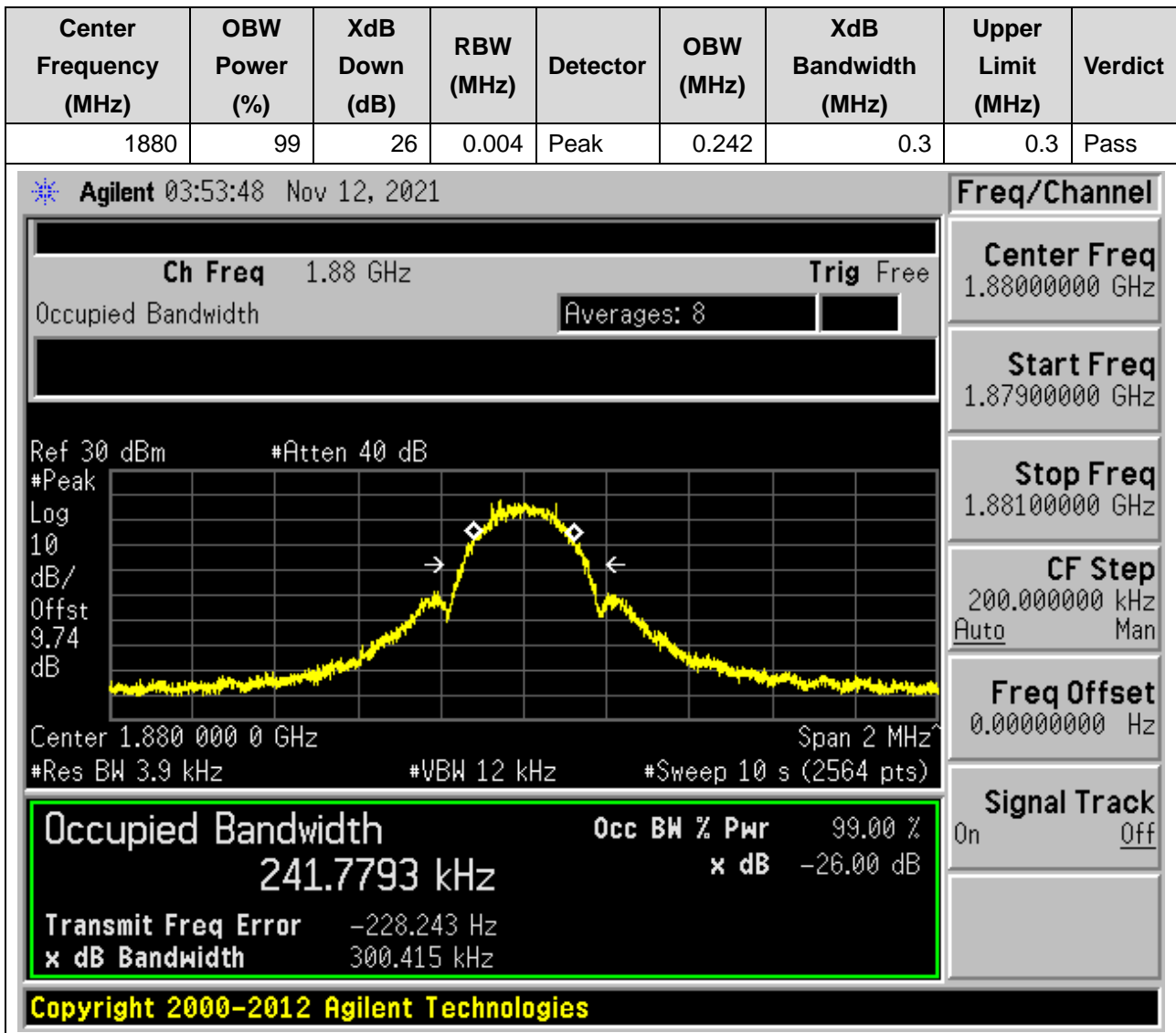


## 4. EGPRS\_PCS

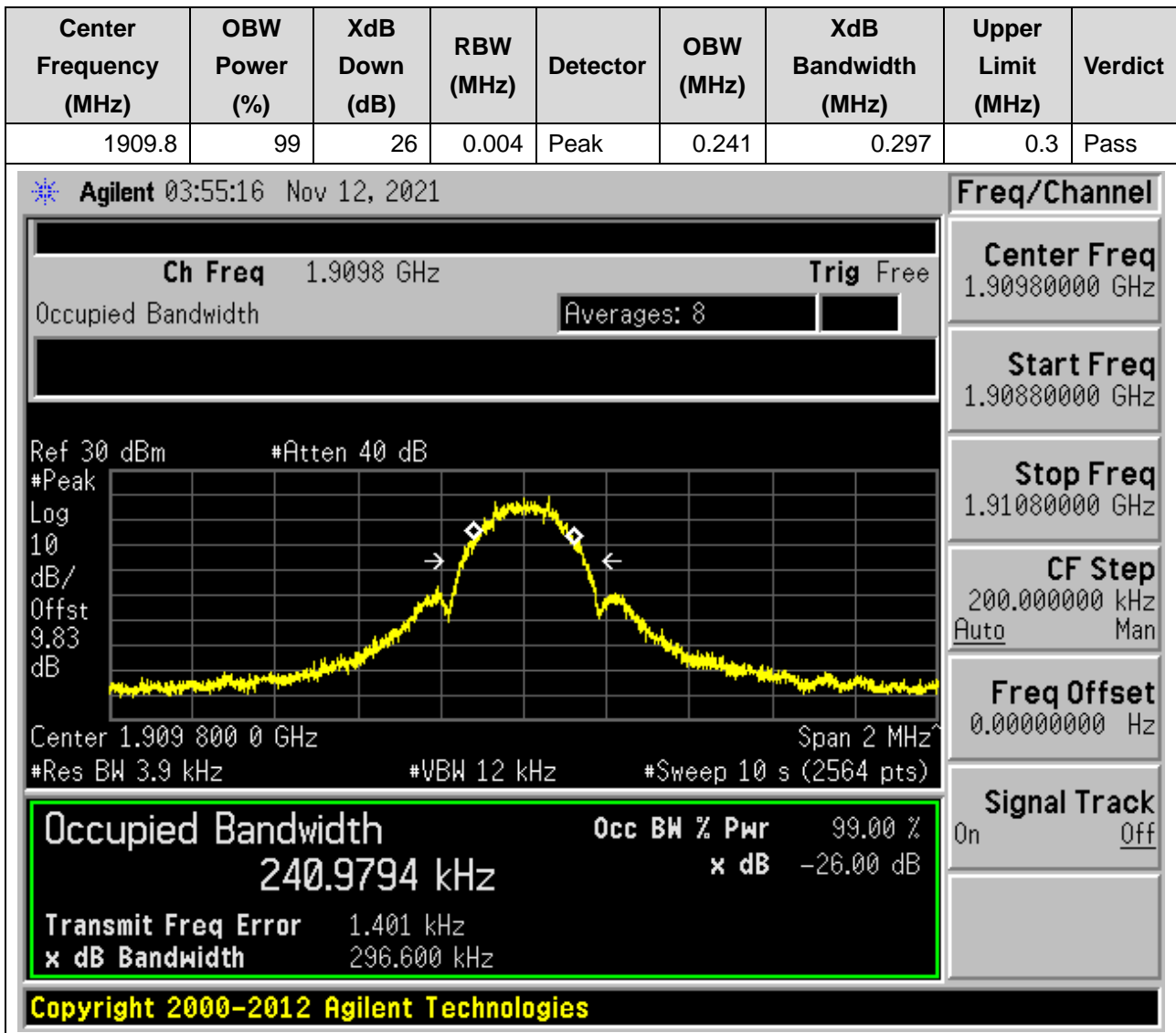
### 4.1. EGPRS Occupied Bandwidth(NTNV)(Channel:512)



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

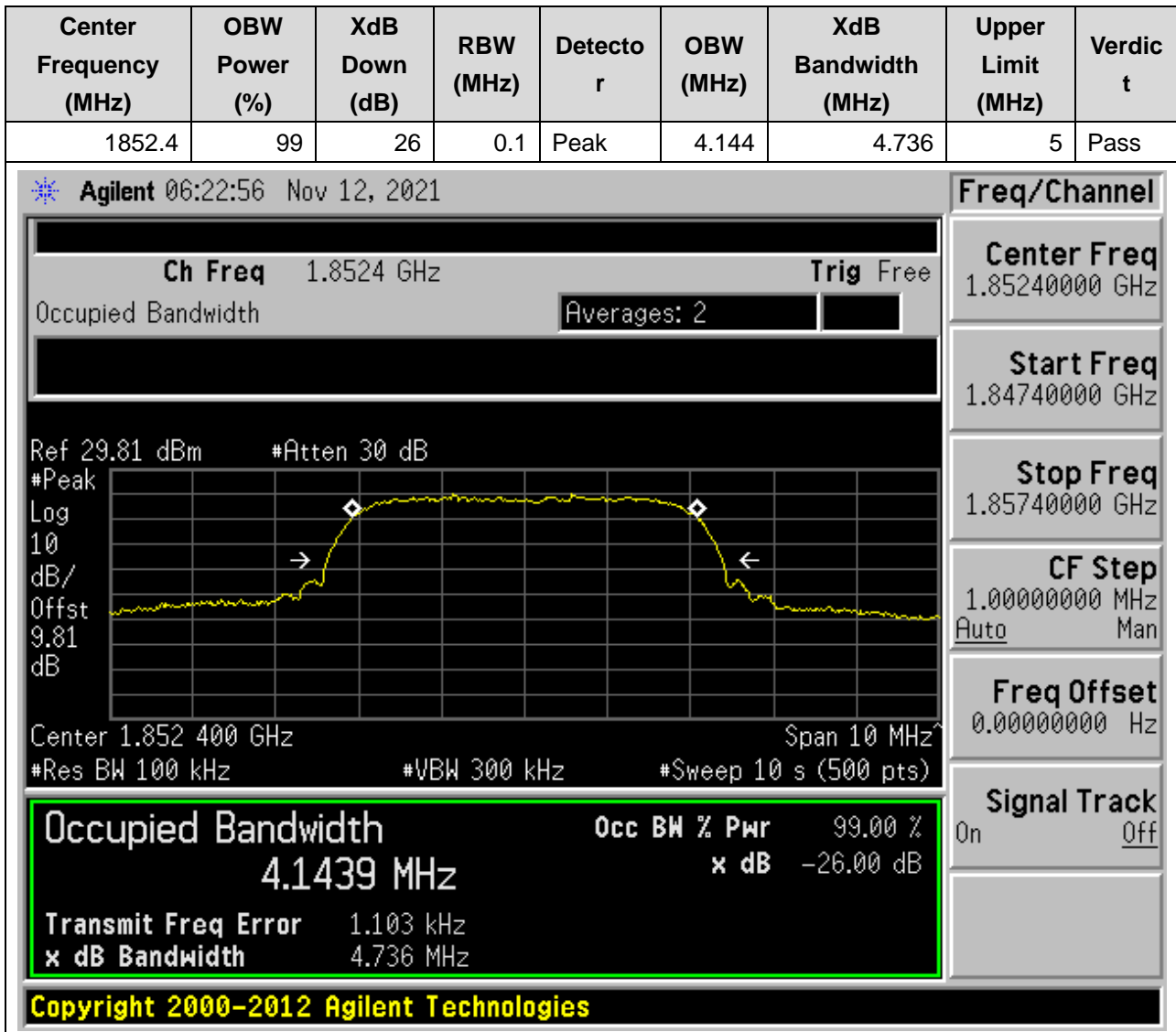


### 4.3. EGPRS Occupied Bandwidth(NTNV)(Channel:810)

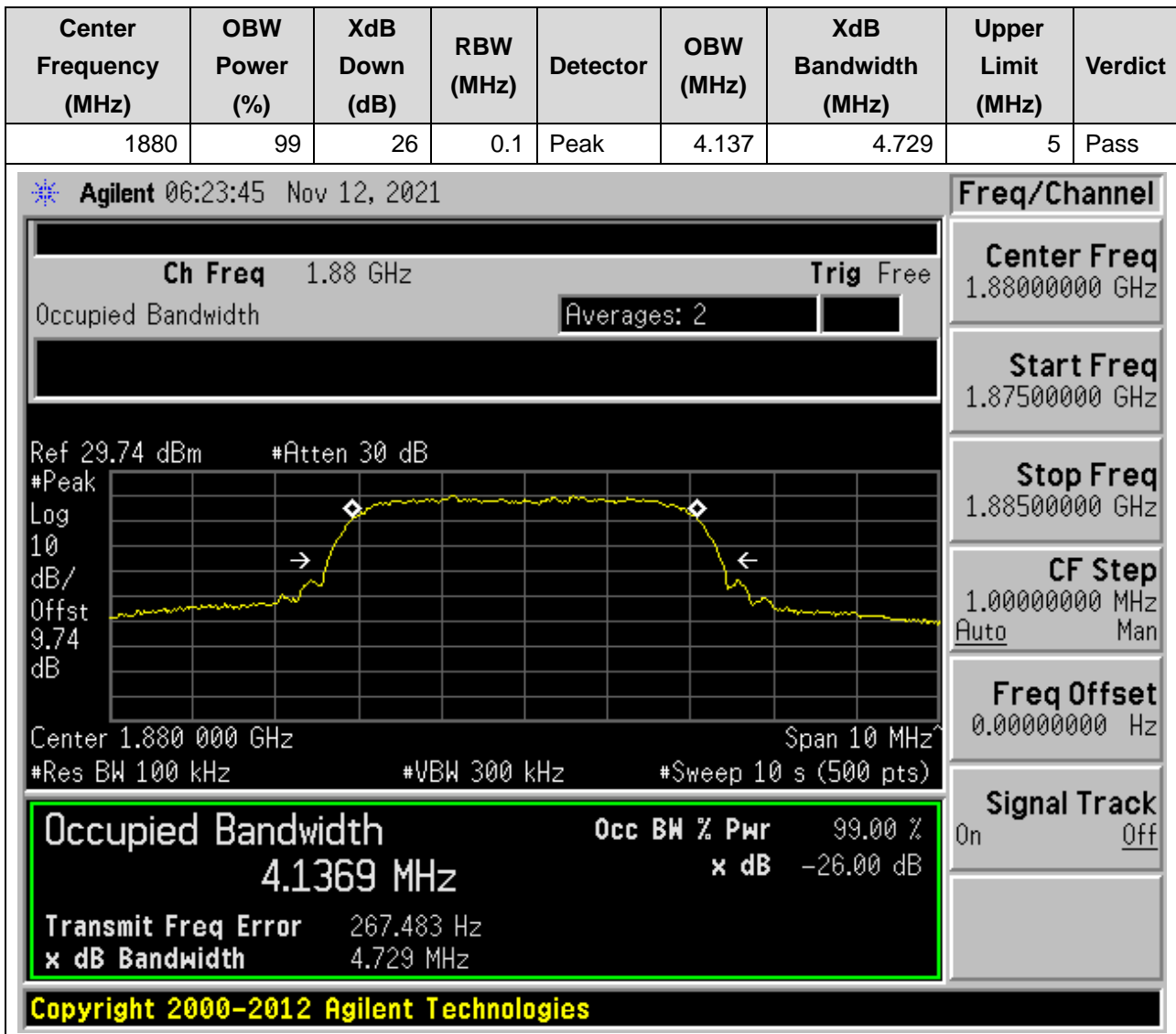


## 5. WCDMA\_Band2

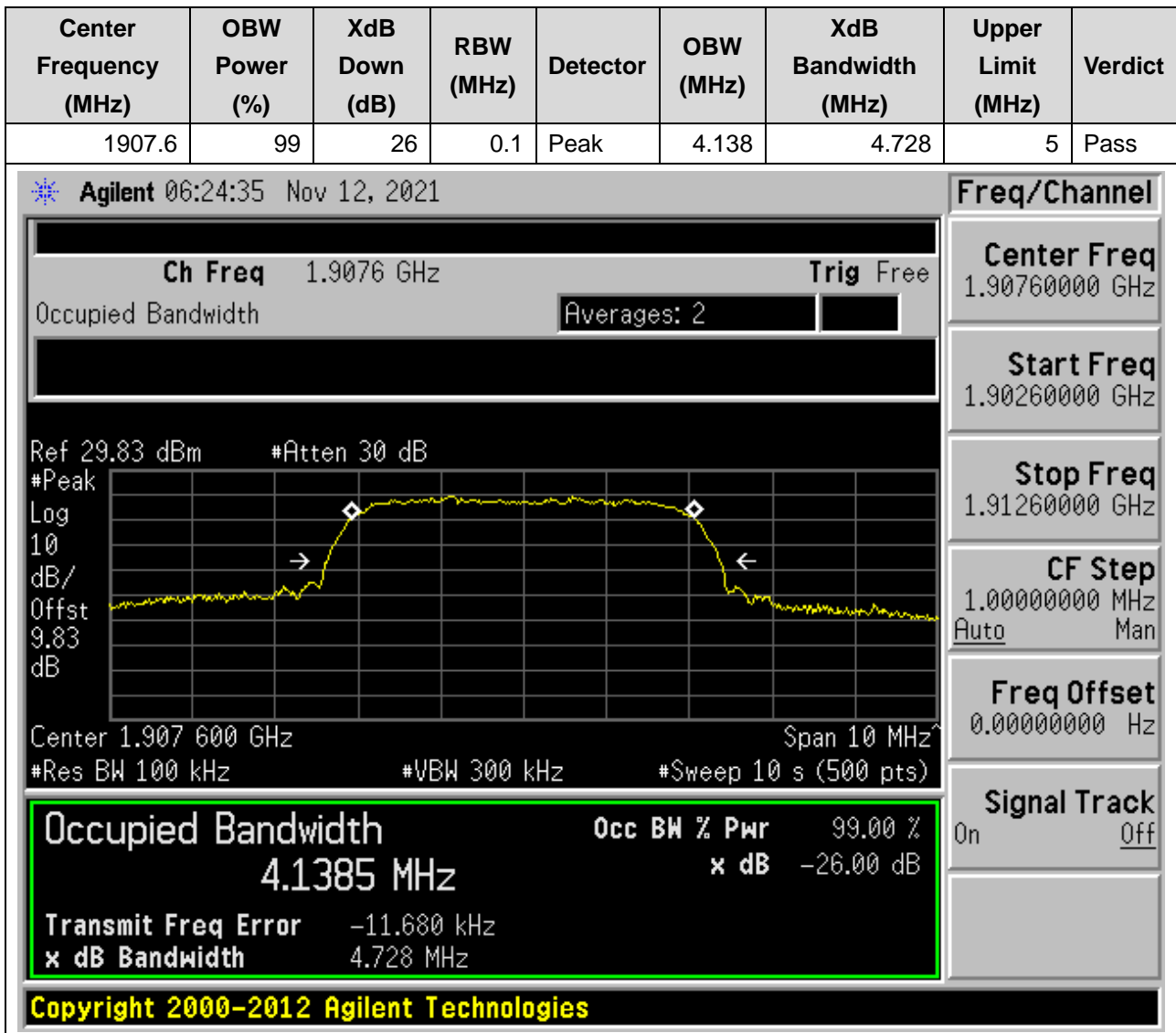
### 5.1. WCDMA Occupied Bandwidth(NTNV)(Channel:9262)



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



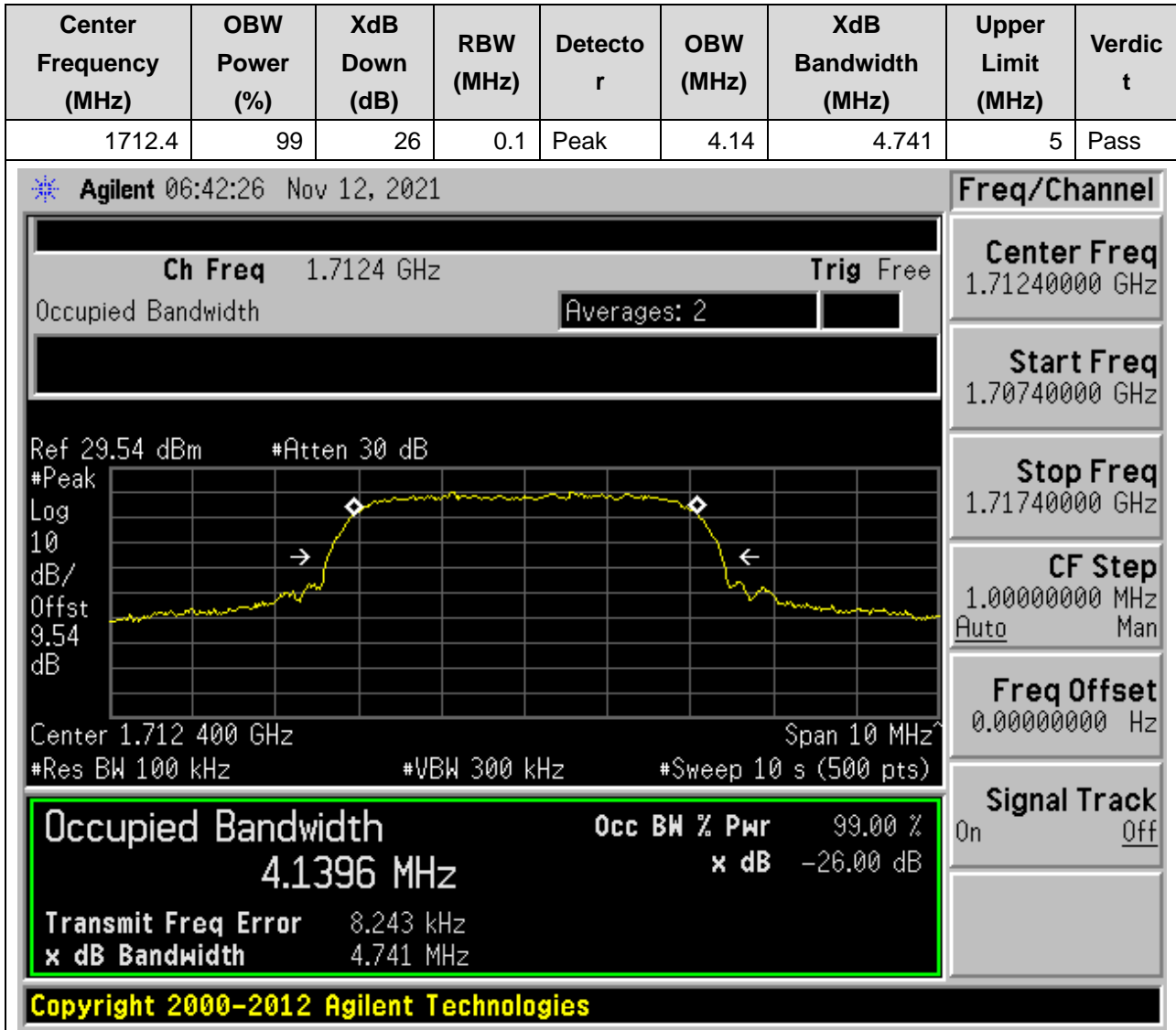
### 5.3. WCDMA Occupied Bandwidth(NTNV)(Channel:9538)



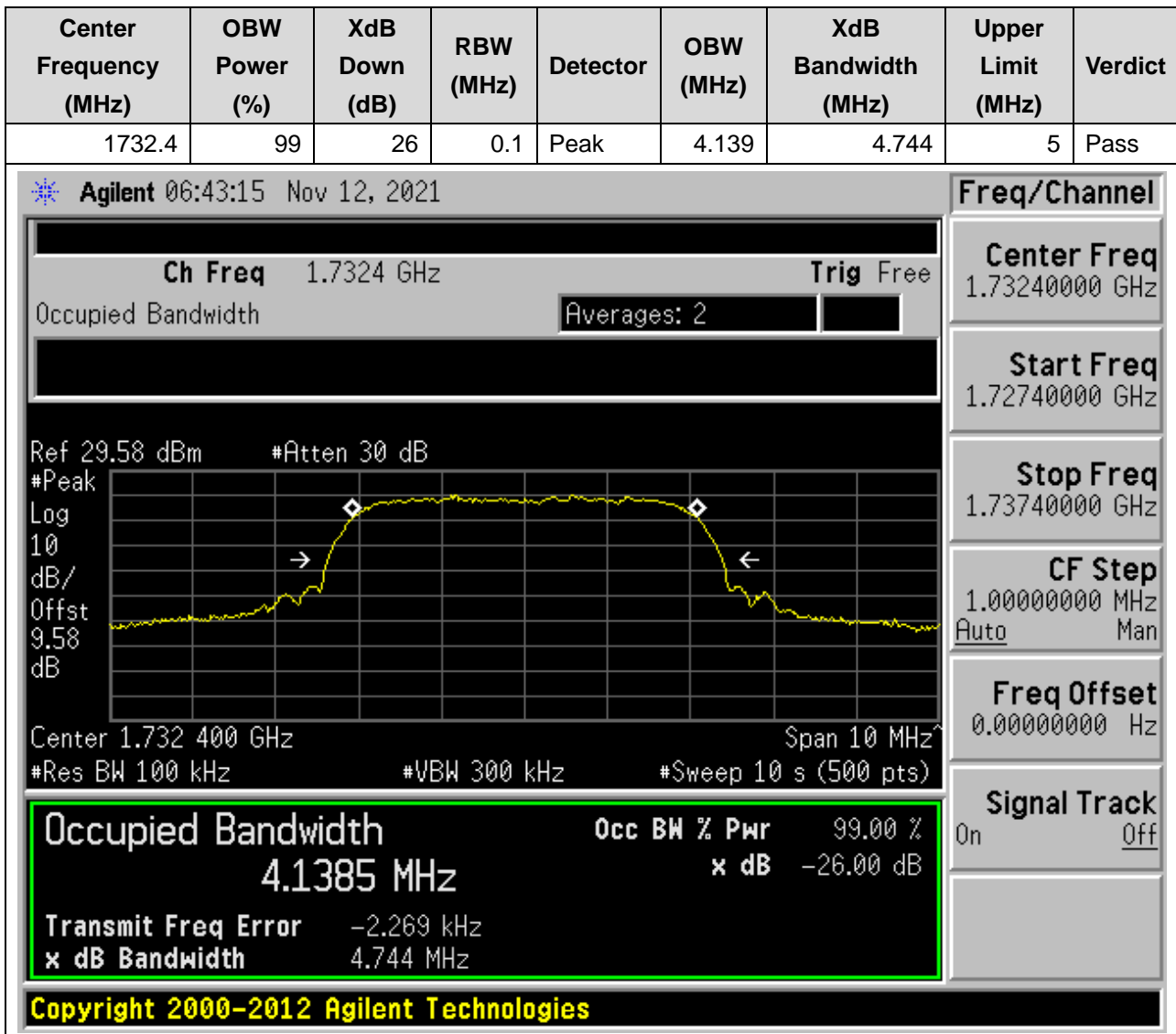


## 6. WCDMA\_Band4

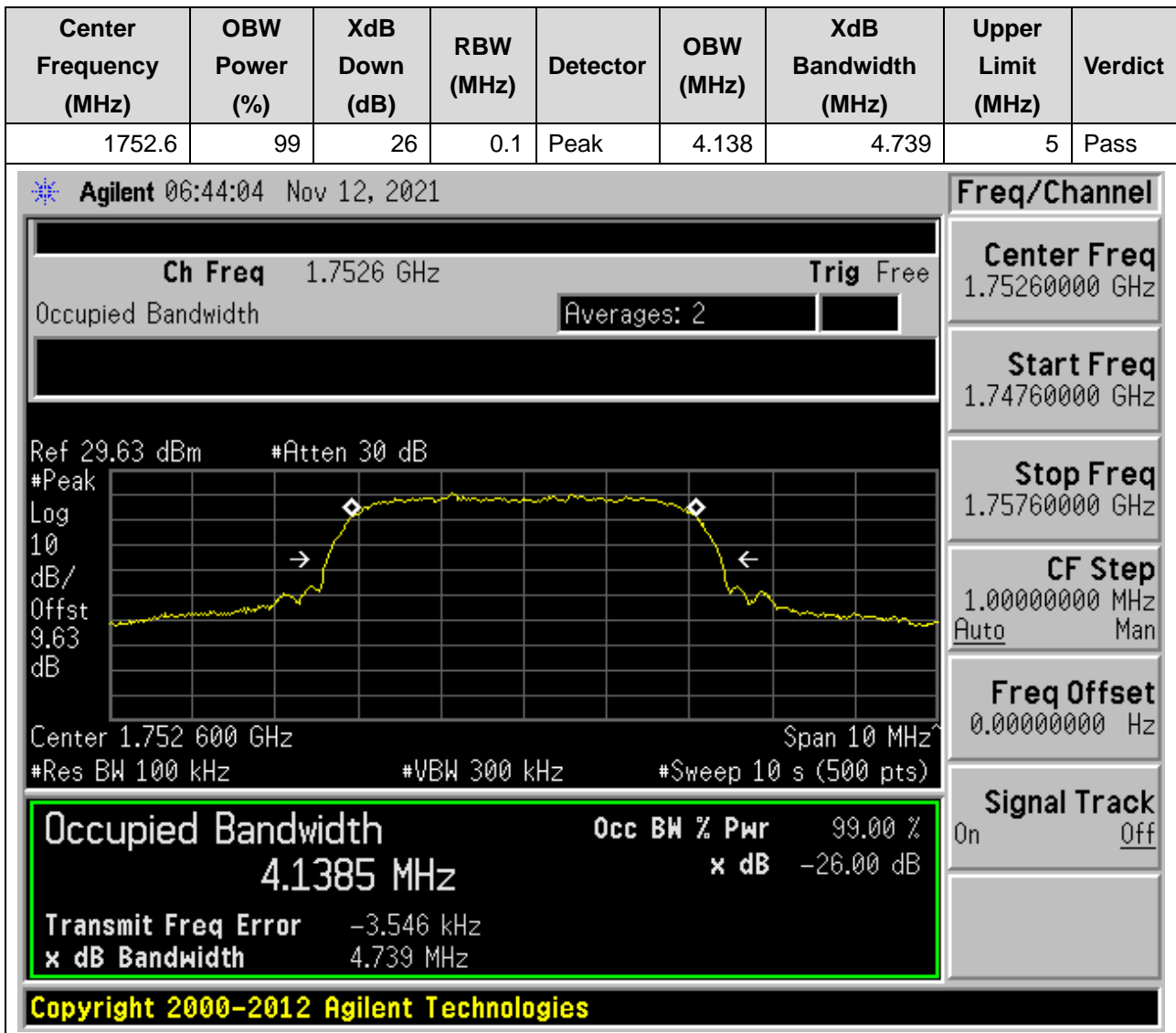
### 6.1. WCDMA Occupied Bandwidth(NTNV)(Channel:1312)



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



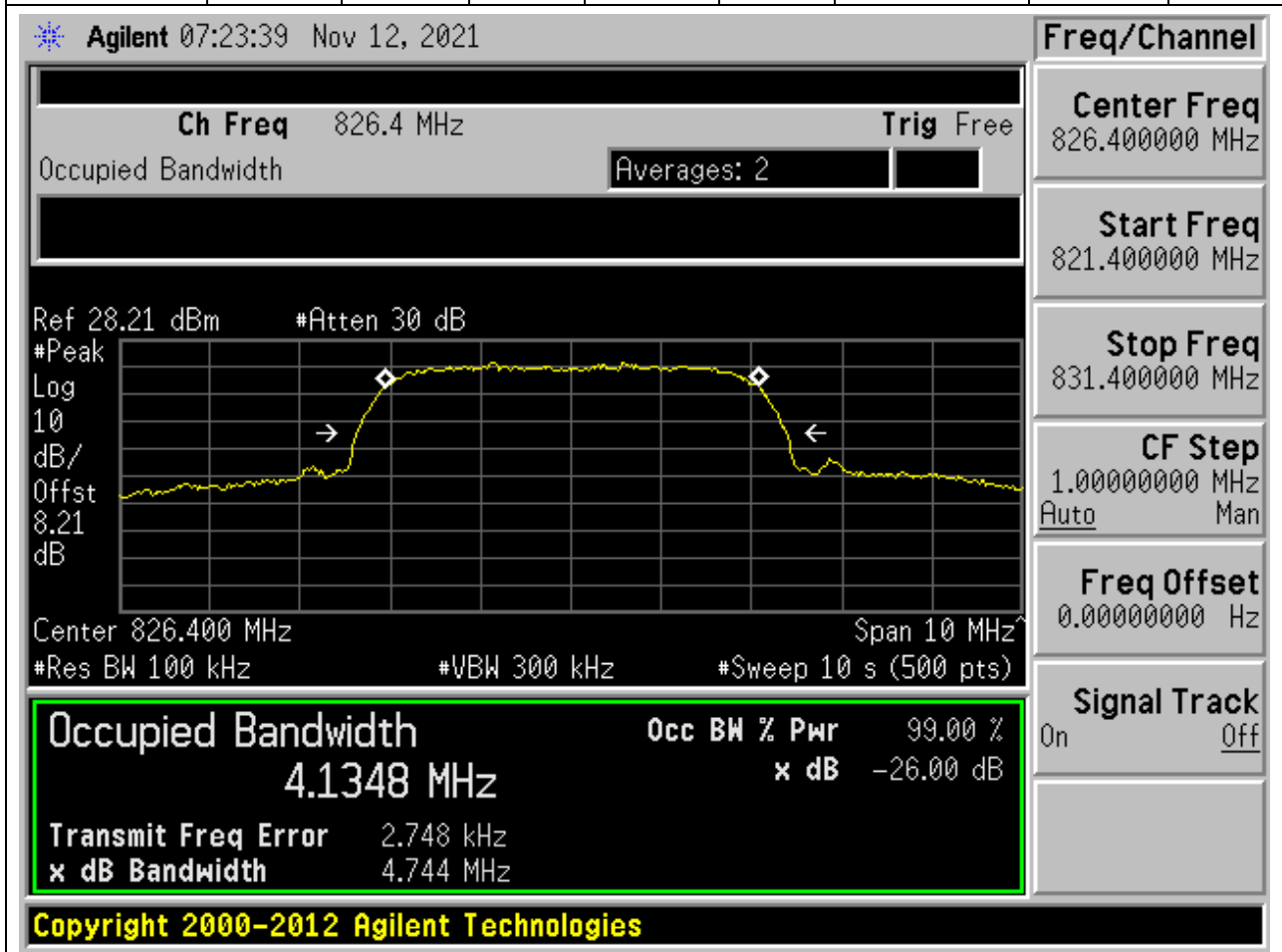
### 6.3. WCDMA Occupied Bandwidth(NTNV)(Channel:1513)



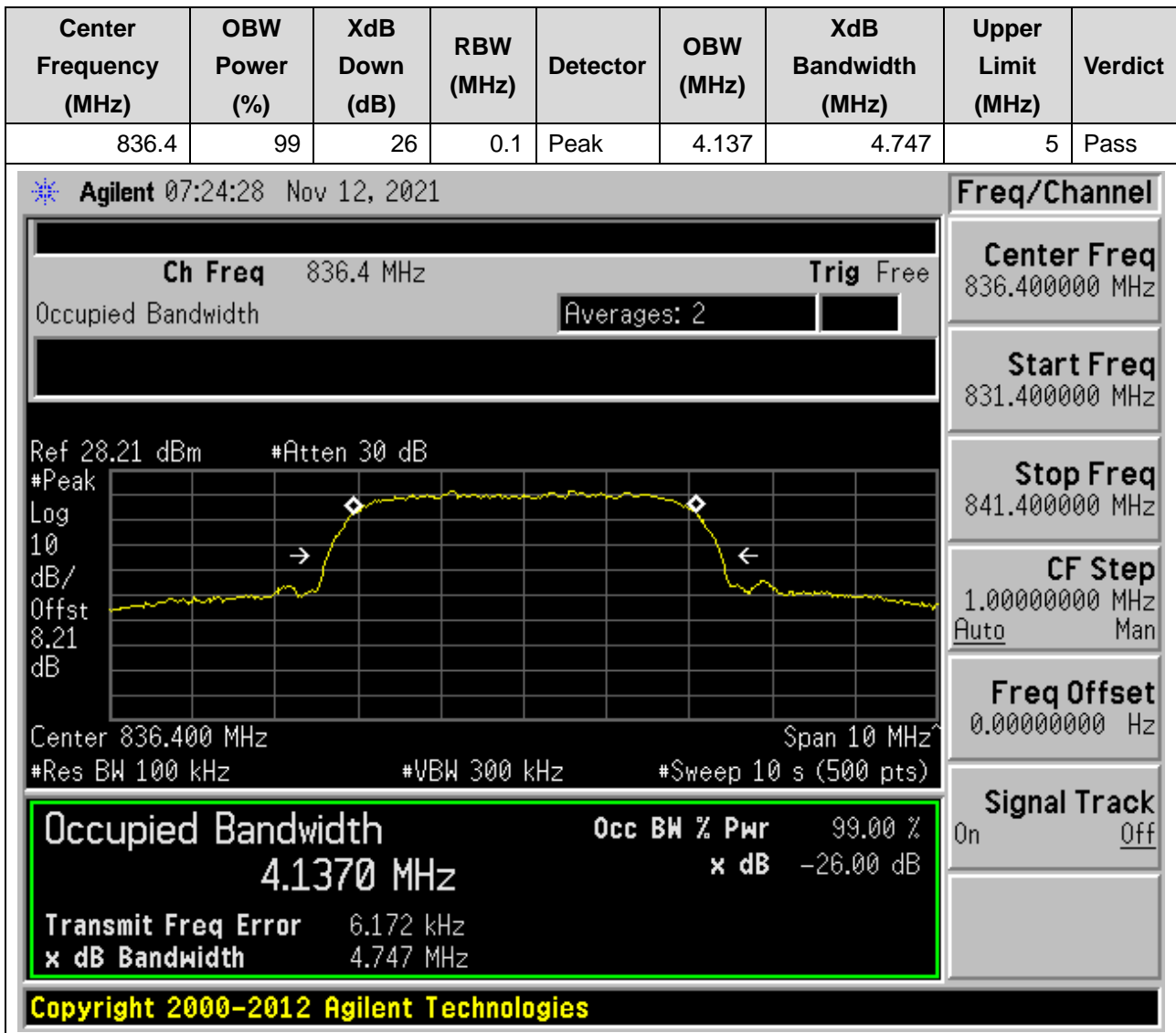
## 7. WCDMA\_Band5

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

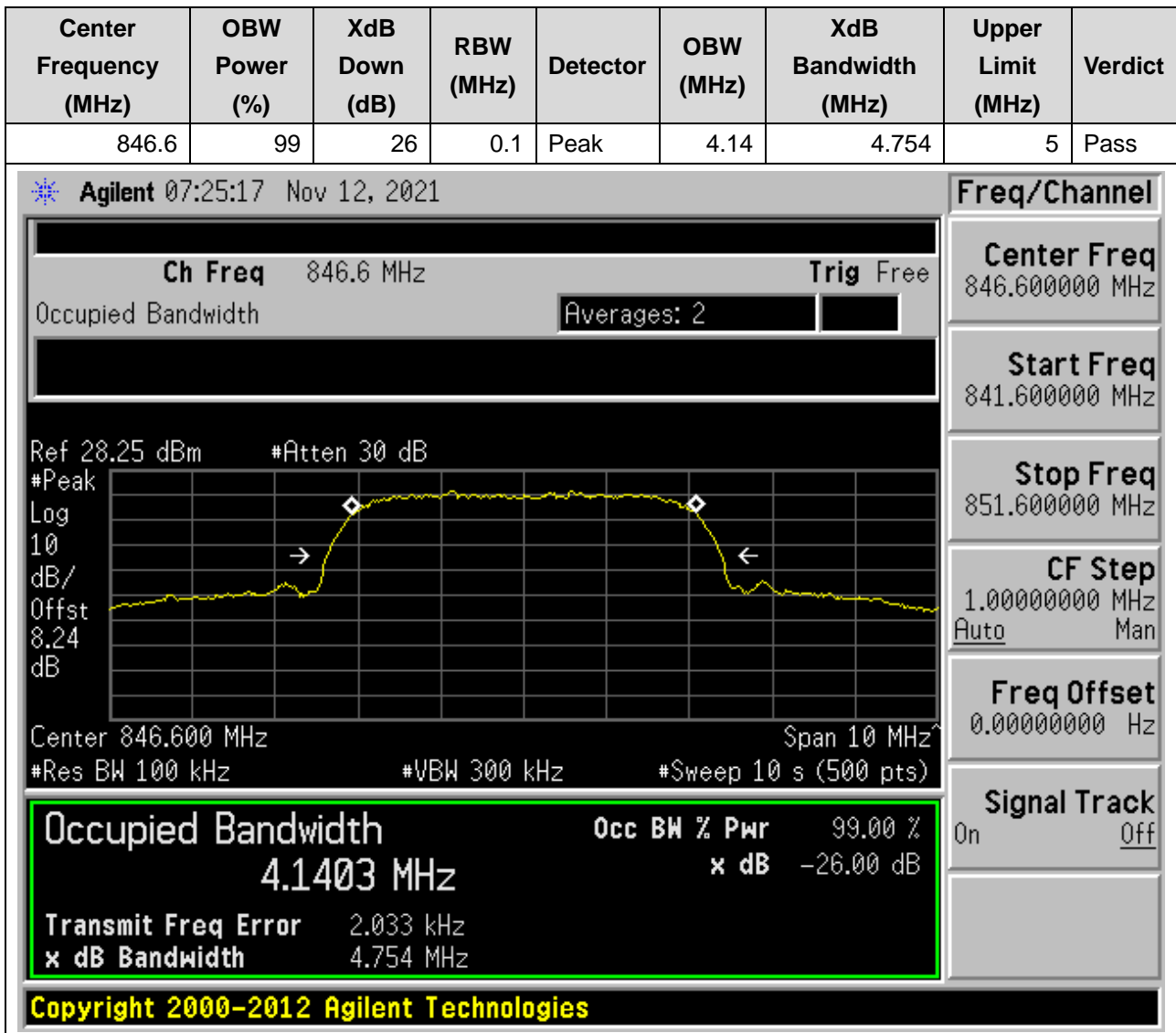
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.4	99	26	0.1	Peak	4.135	4.744	5	Pass



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

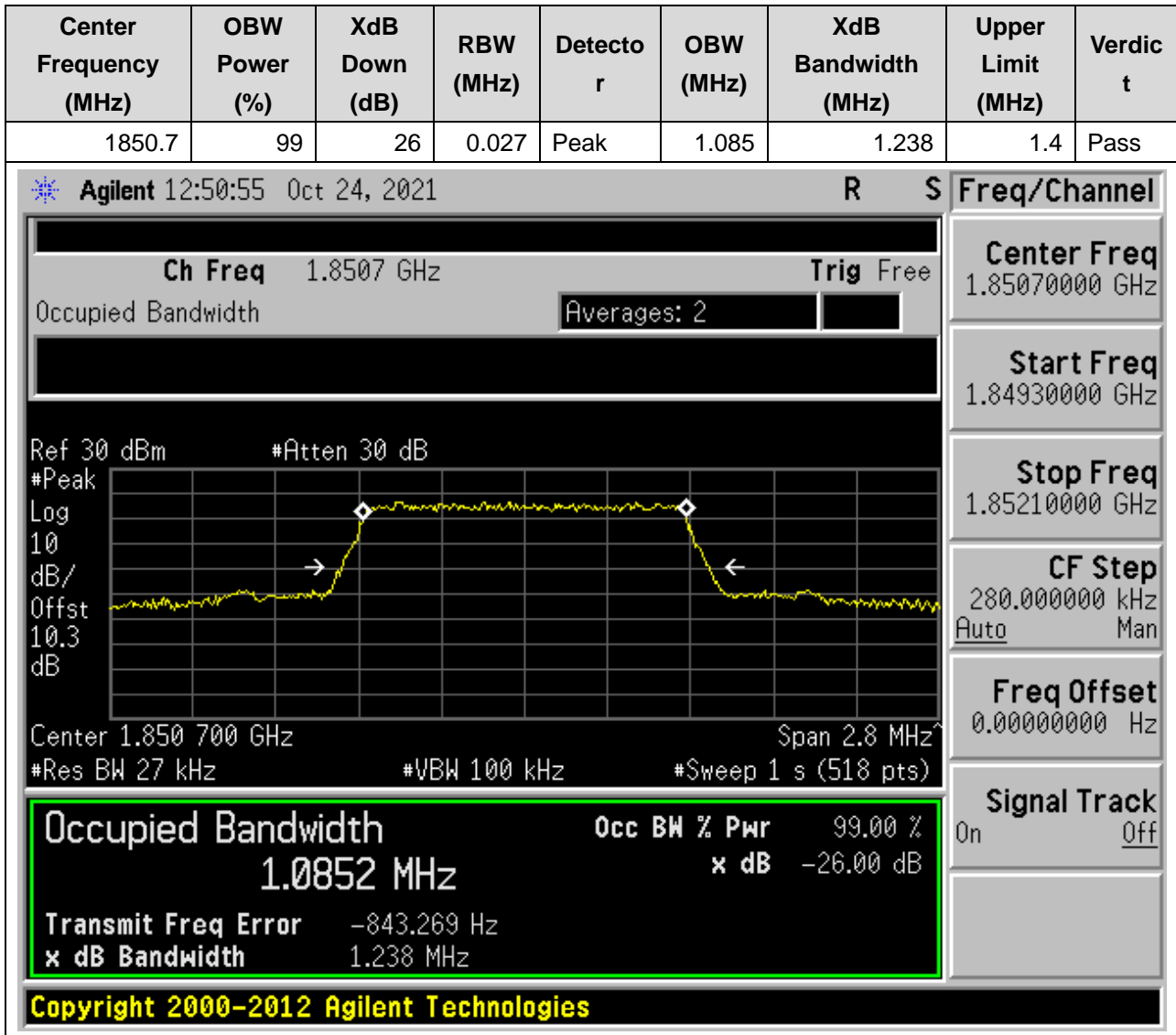


### 7.3. WCDMA Occupied Bandwidth(NTNV)(Channel:4233)



## 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	1.217	1.4	Pass

Agilent 12:51:06 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
1.85070000 GHz

**Start Freq**  
1.84930000 GHz

**Stop Freq**  
1.85210000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

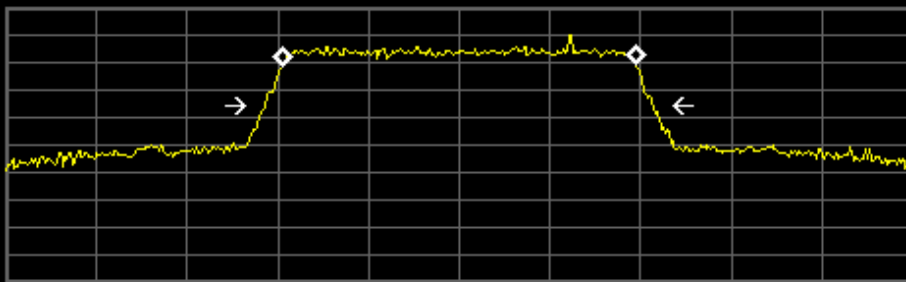
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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)

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

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

**Transmit Freq Error** -1.565 kHz

**x dB Bandwidth** 1.217 MHz

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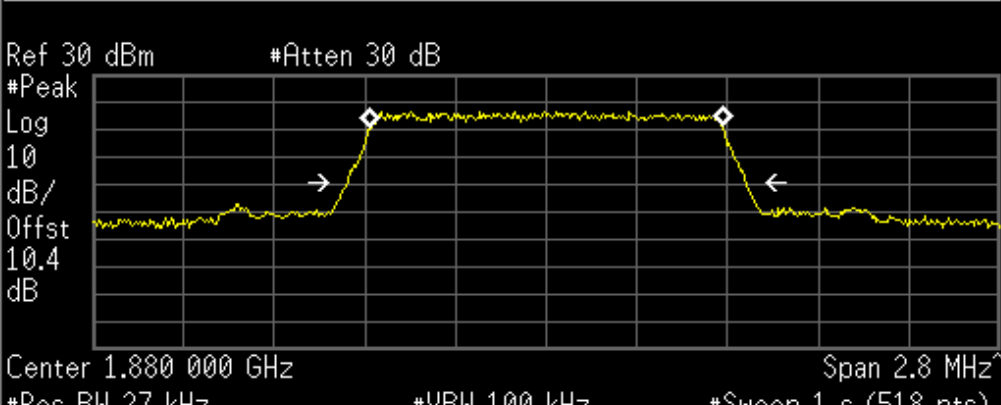
**8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.085	1.234	1.4	Pass

Agilent 12:51:18 Oct 24, 2021 R 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 2.8 MHz

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

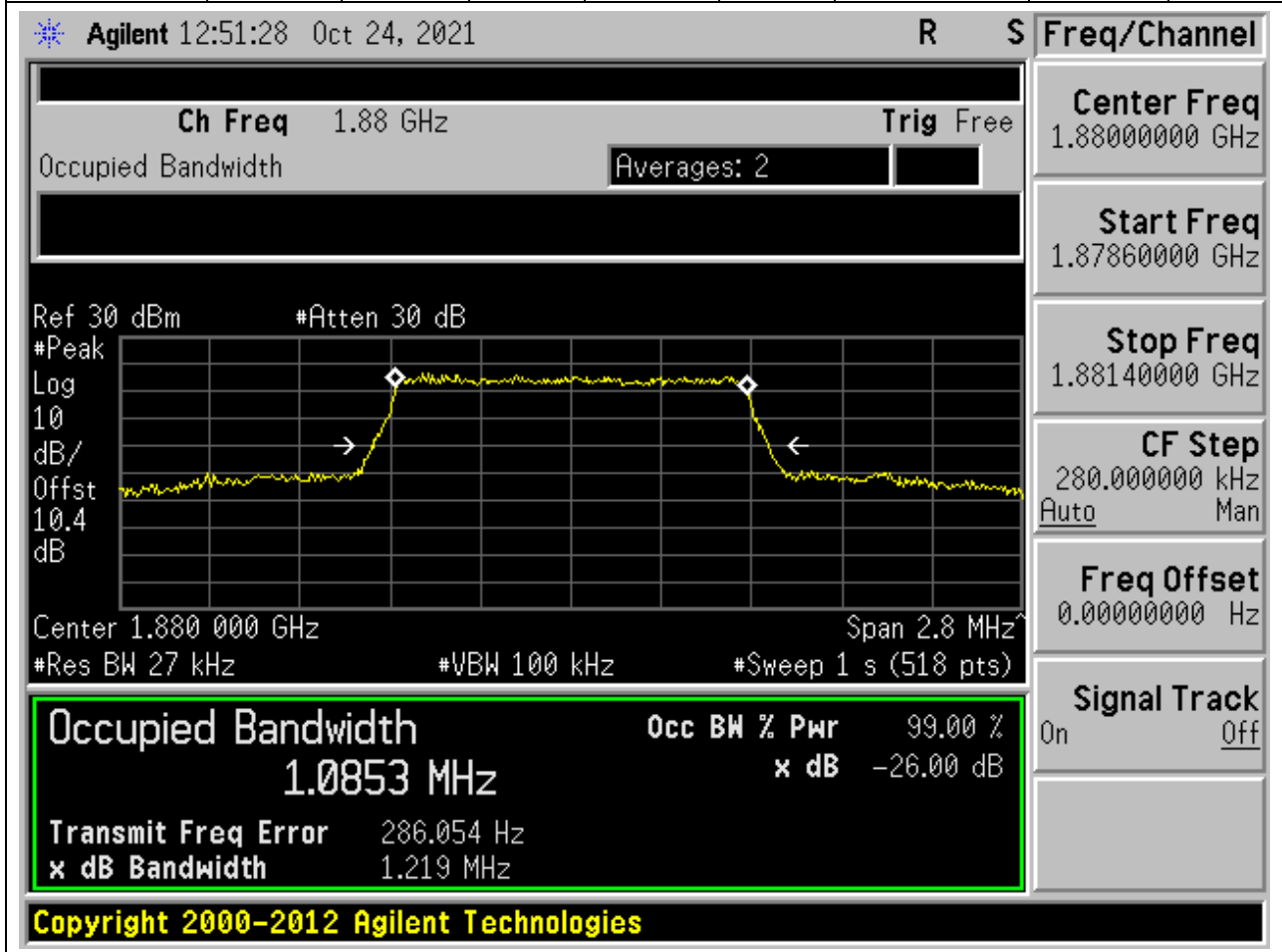
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0848 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-245.869 Hz	
<b>x dB Bandwidth</b>	1.234 MHz	

**Signal Track**  
On Off

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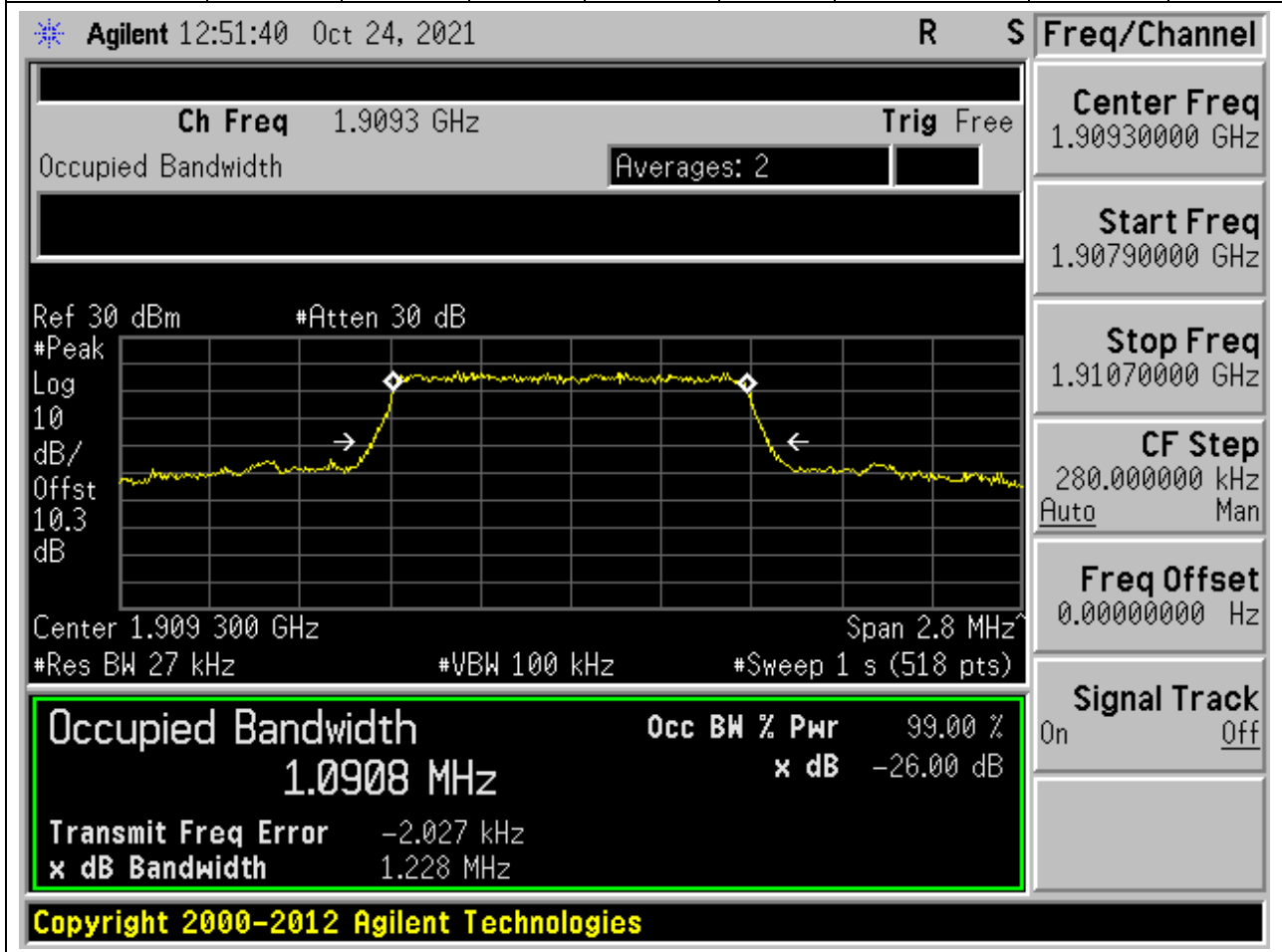
**8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.085	1.219	1.4	Pass



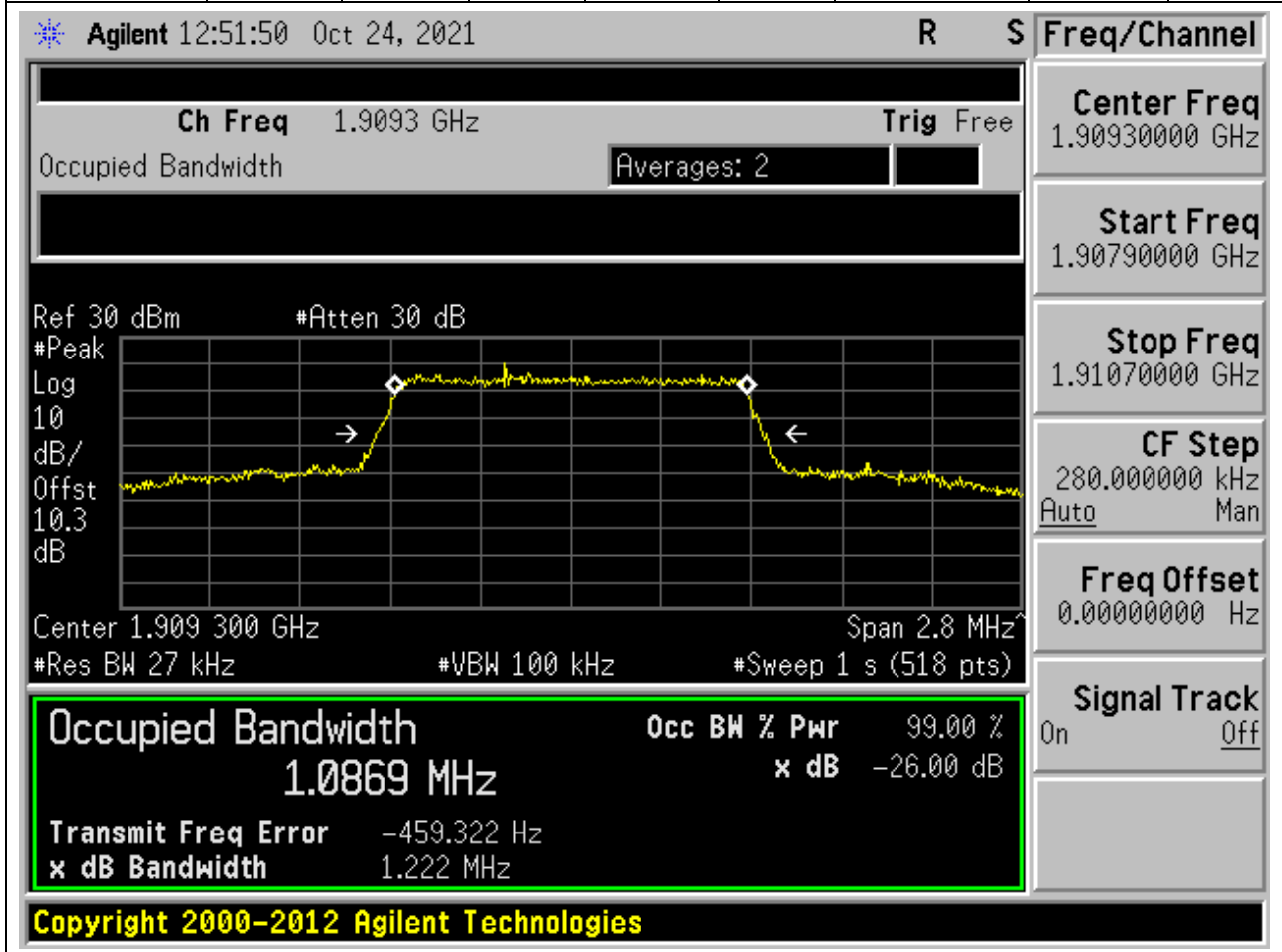
**8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.091	1.228	1.4	Pass



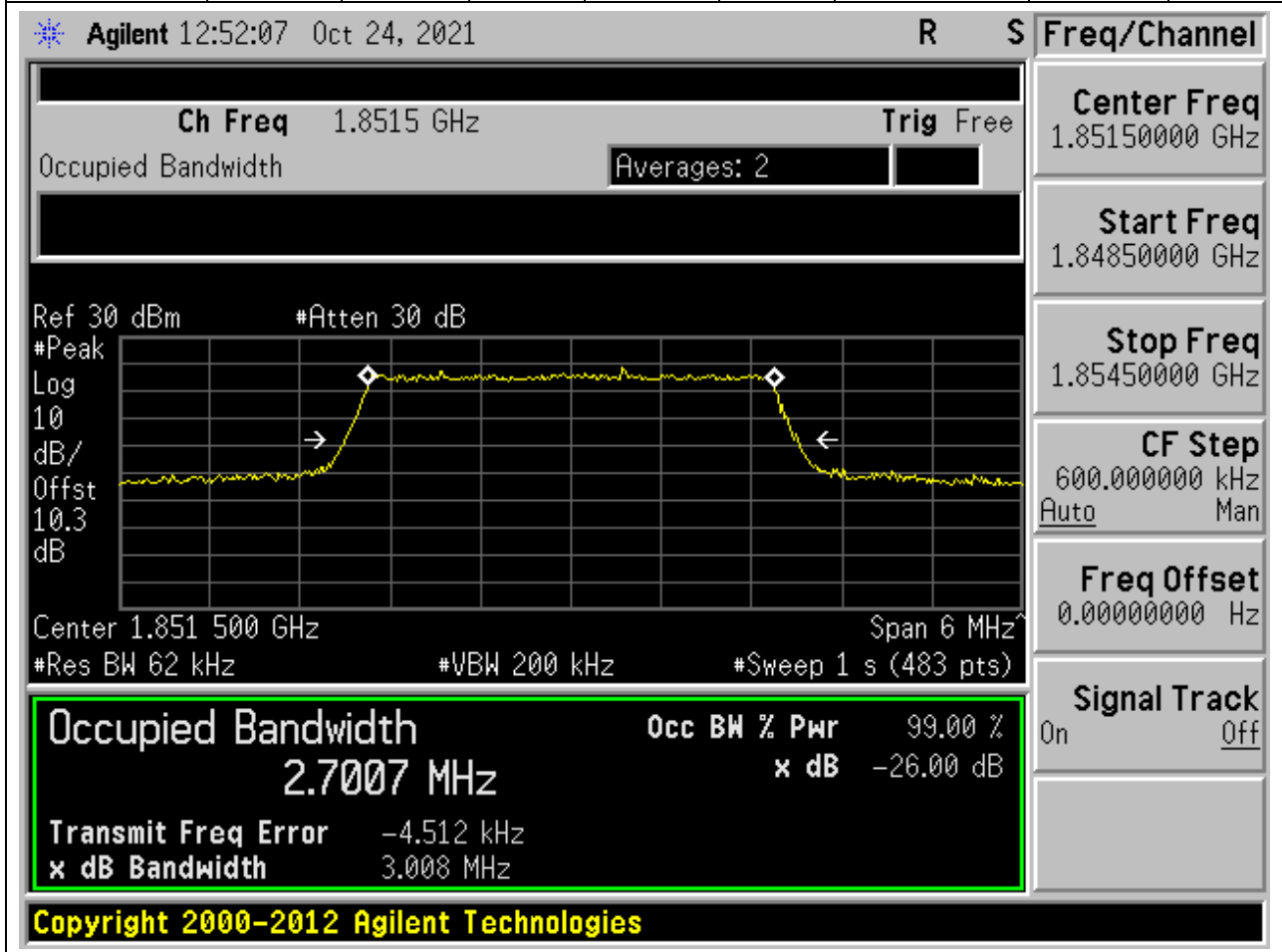
**8.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.087	1.222	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.701	3.008	3	Pass



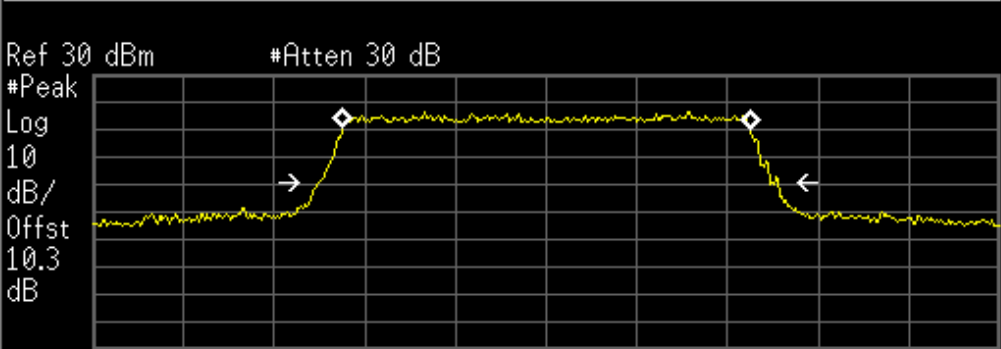
**8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.698	3.042	3	Pass

Agilent 12:52:17 Oct 24, 2021 R S

**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)

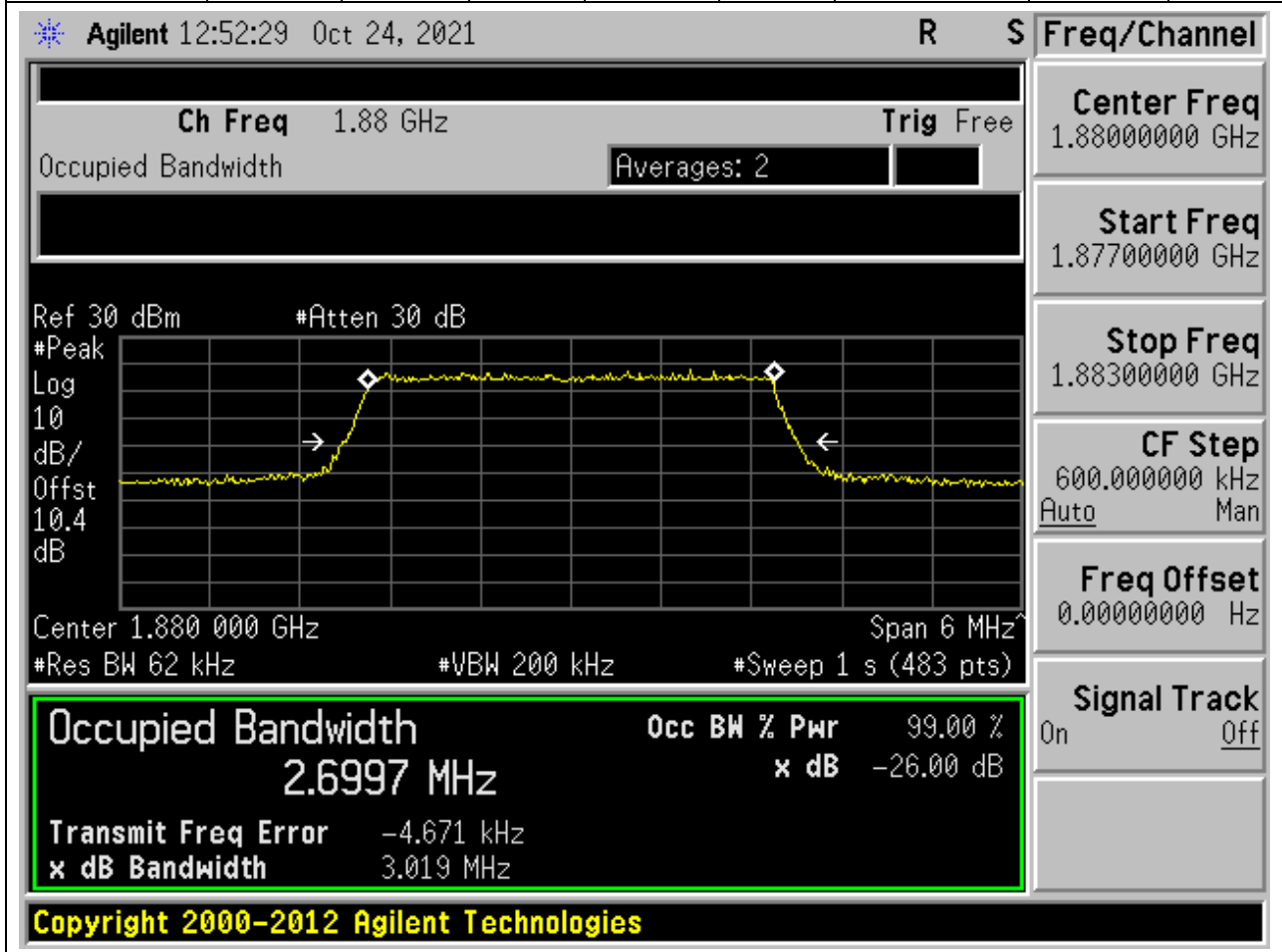
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6982 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-395.346 Hz	
<b>x dB Bandwidth</b>	3.042 MHz	

**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	2.7	3.019	3	Pass



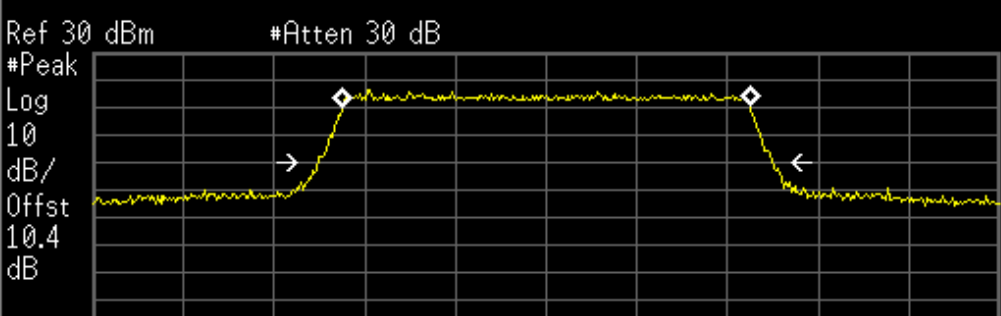
**8.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.699	3.009	3	Pass

Agilent 12:52:39 Oct 24, 2021 R 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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6987 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.201 kHz	
<b>x dB Bandwidth</b>	3.009 MHz	

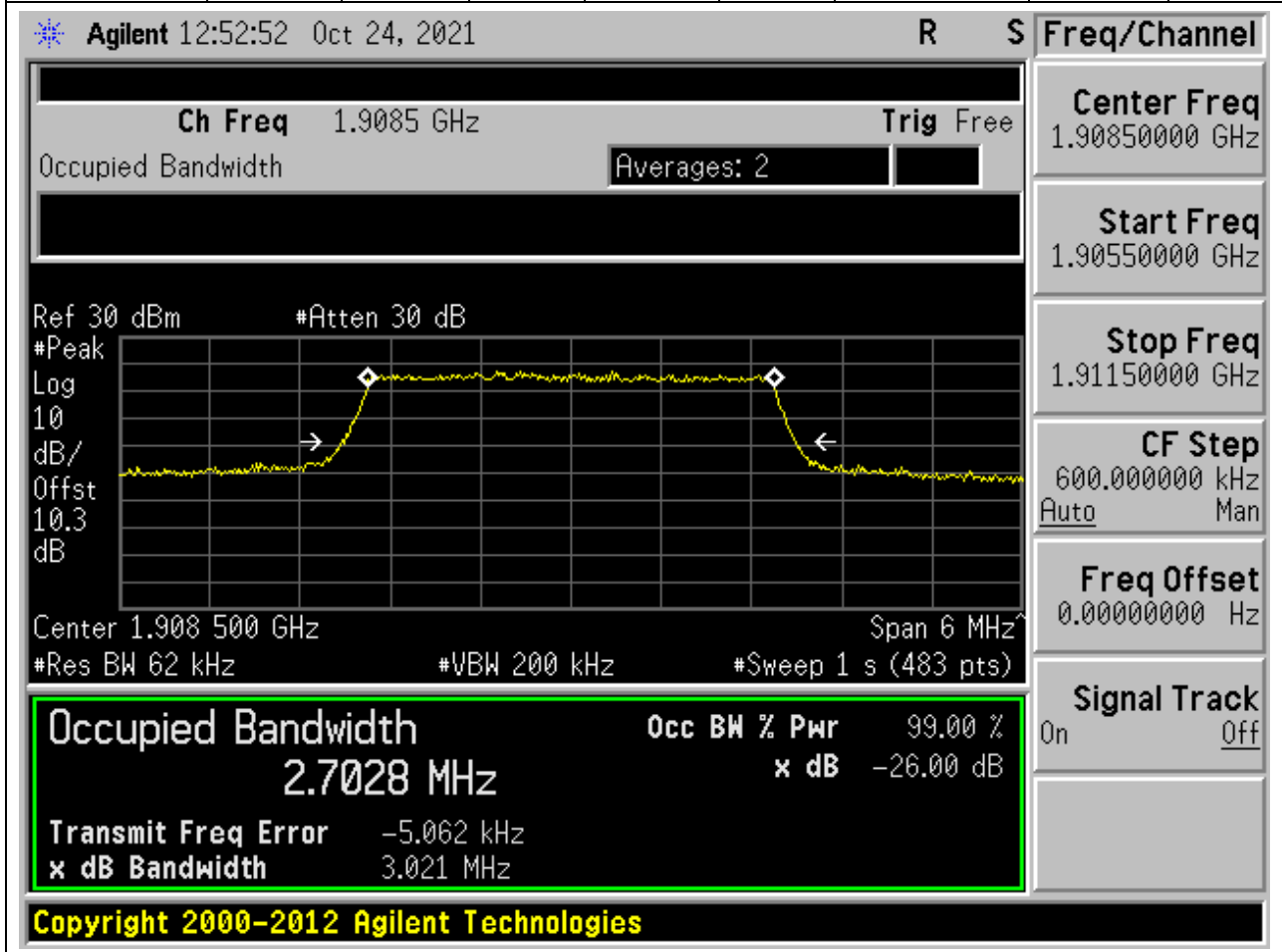
**Signal Track**  
On Off

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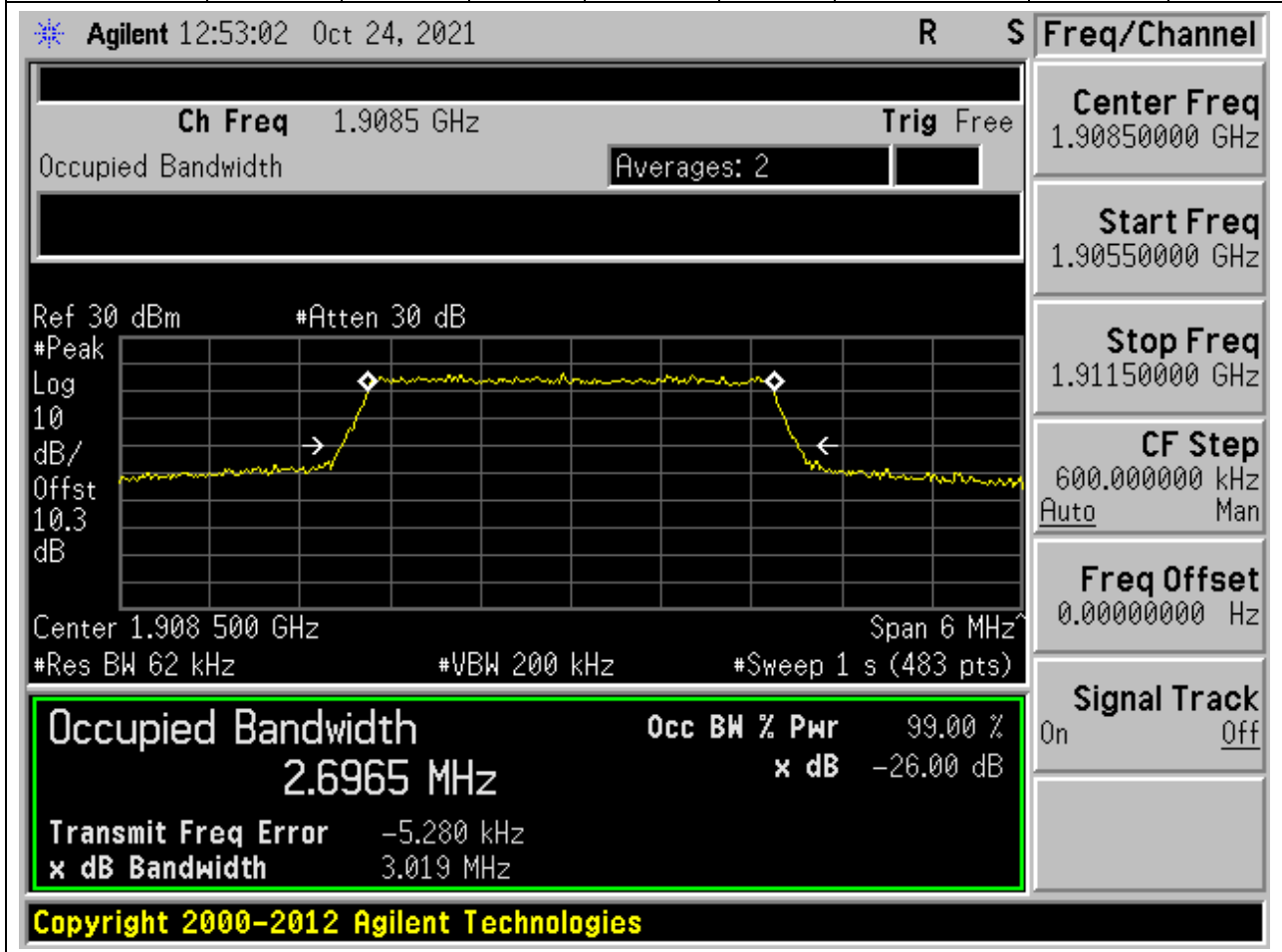
8.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

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	2.703	3.021	3	Pass



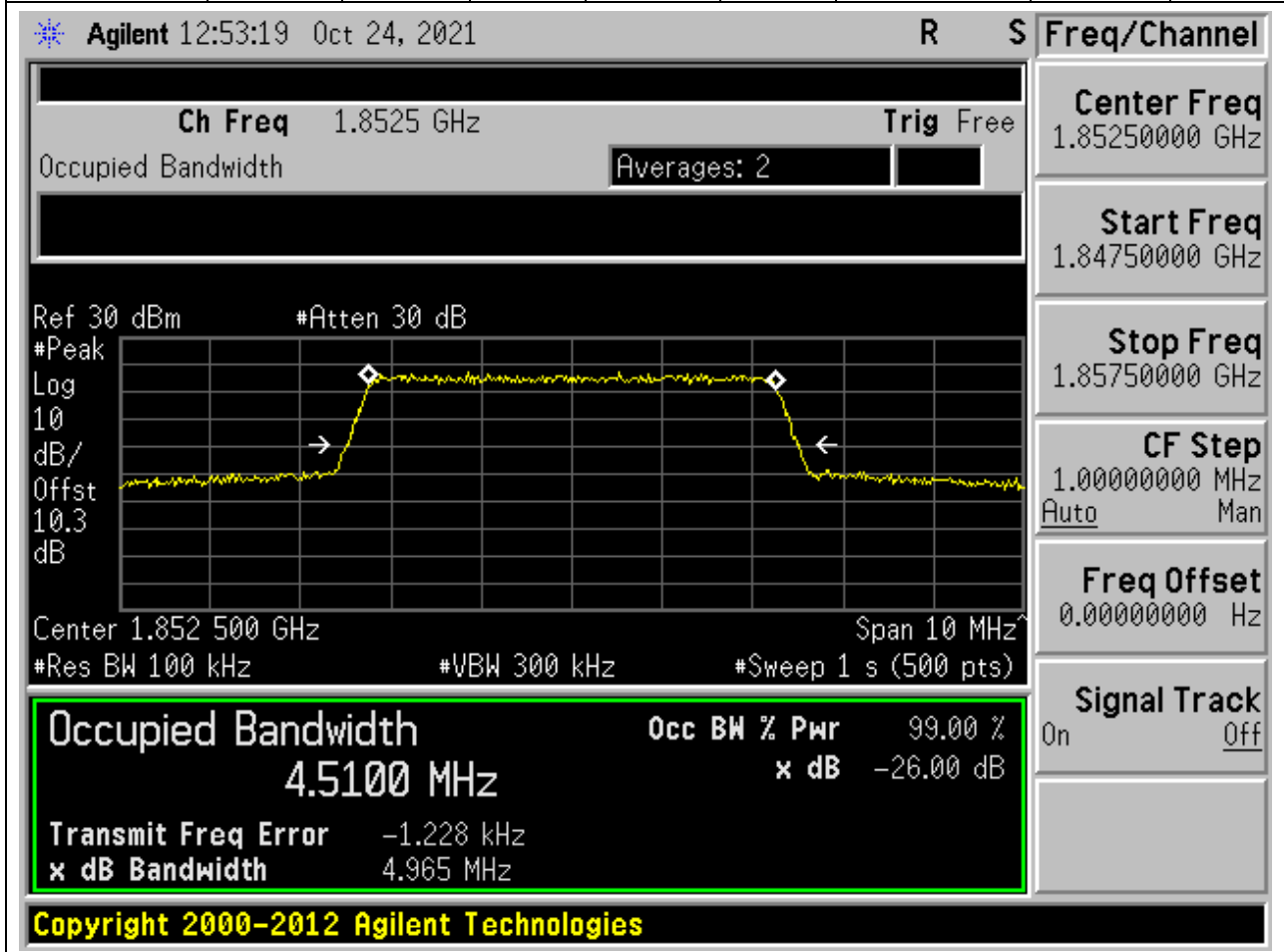
**8.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.697	3.019	3	Pass



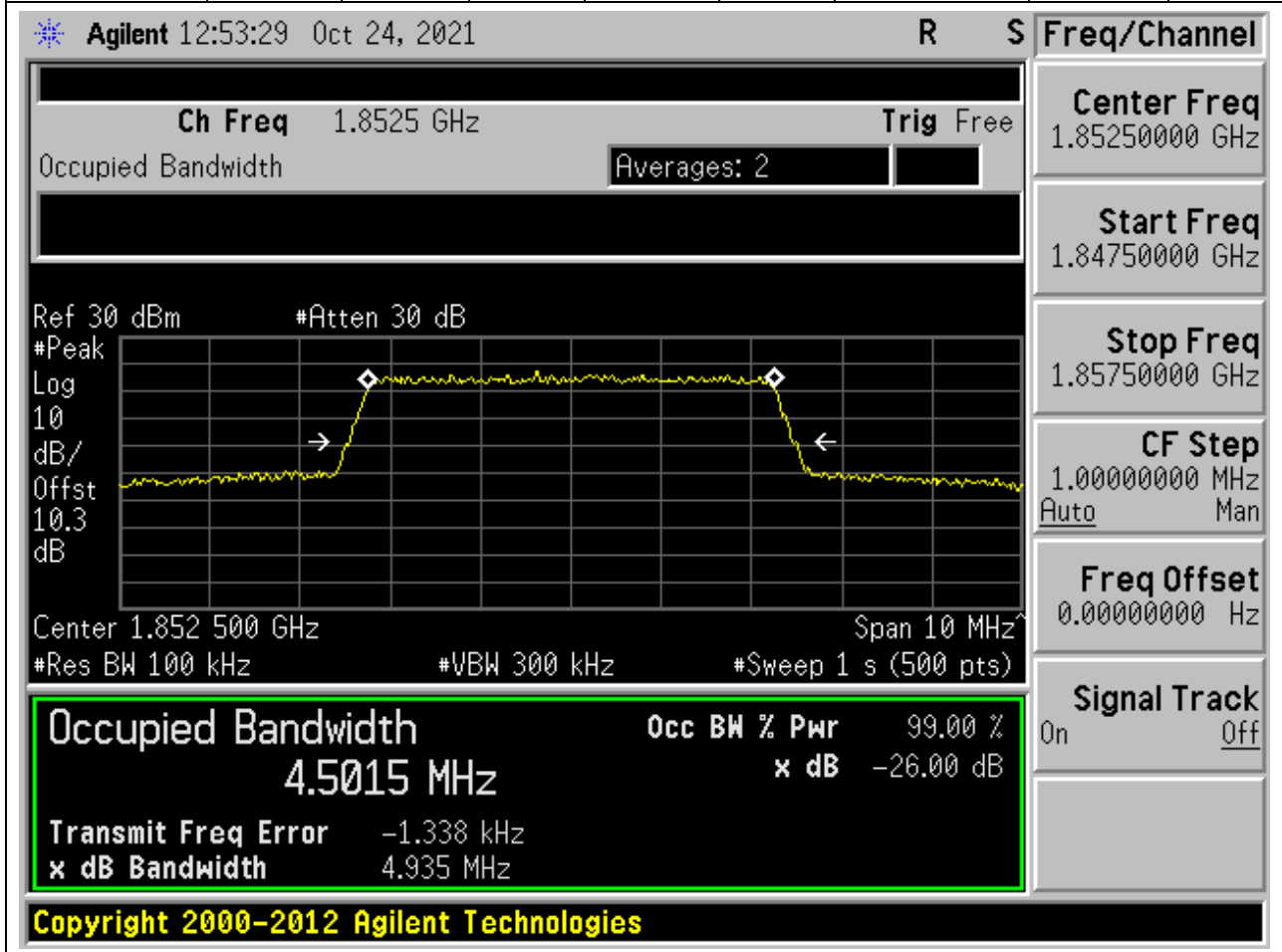
**8.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.51	4.965	5	Pass



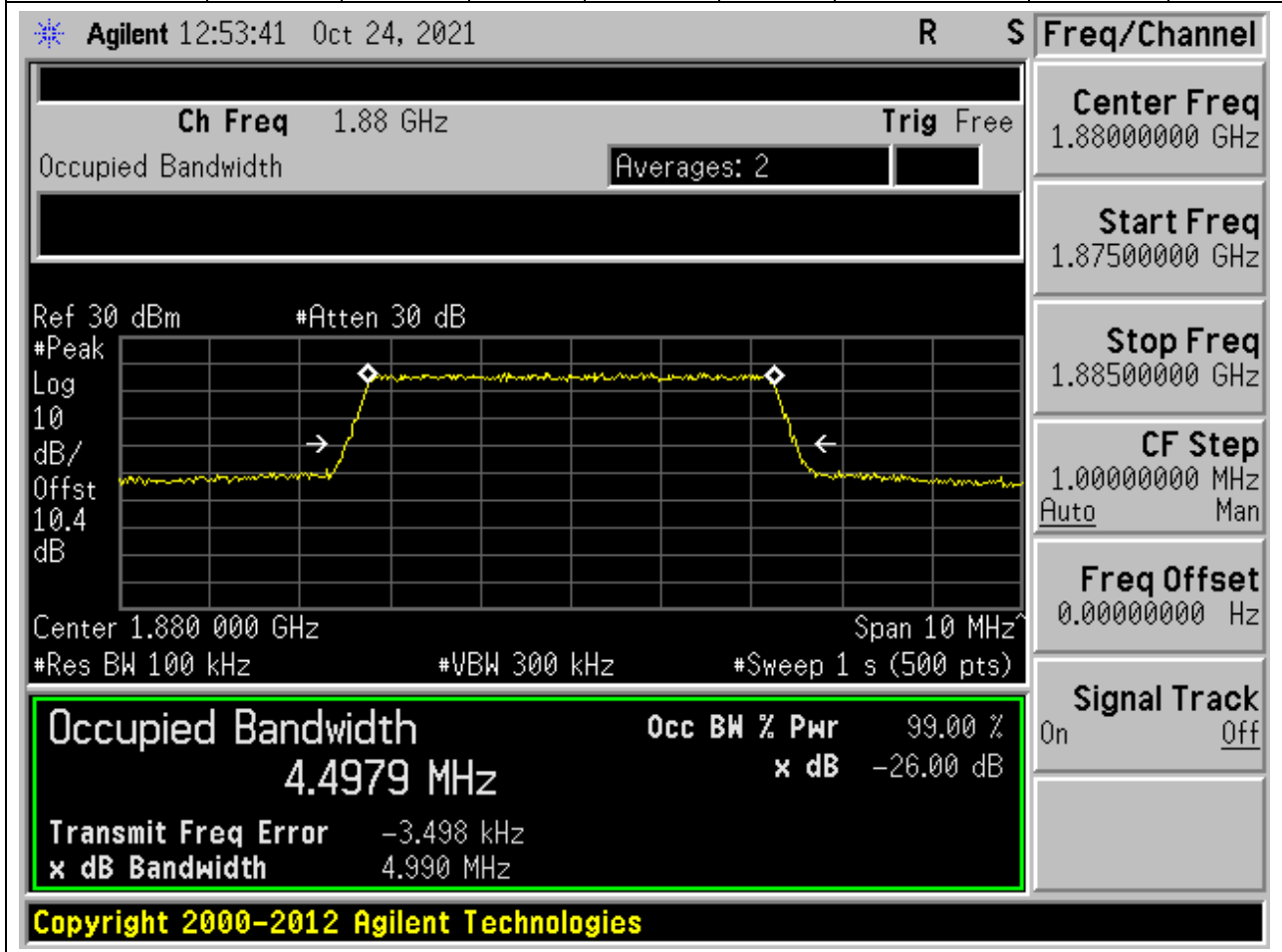
8.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.502	4.935	5	Pass



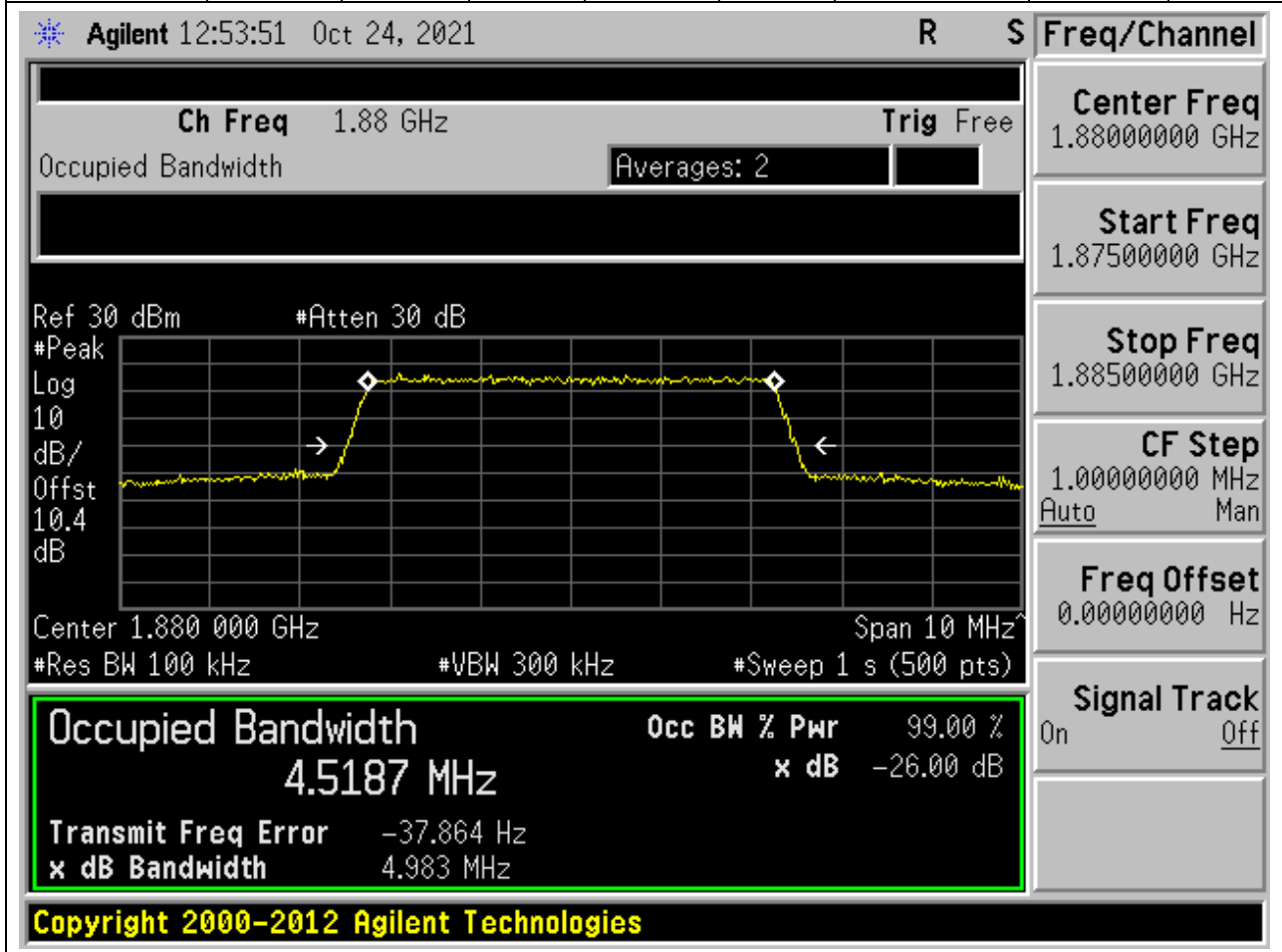
**8.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.498	4.99	5	Pass



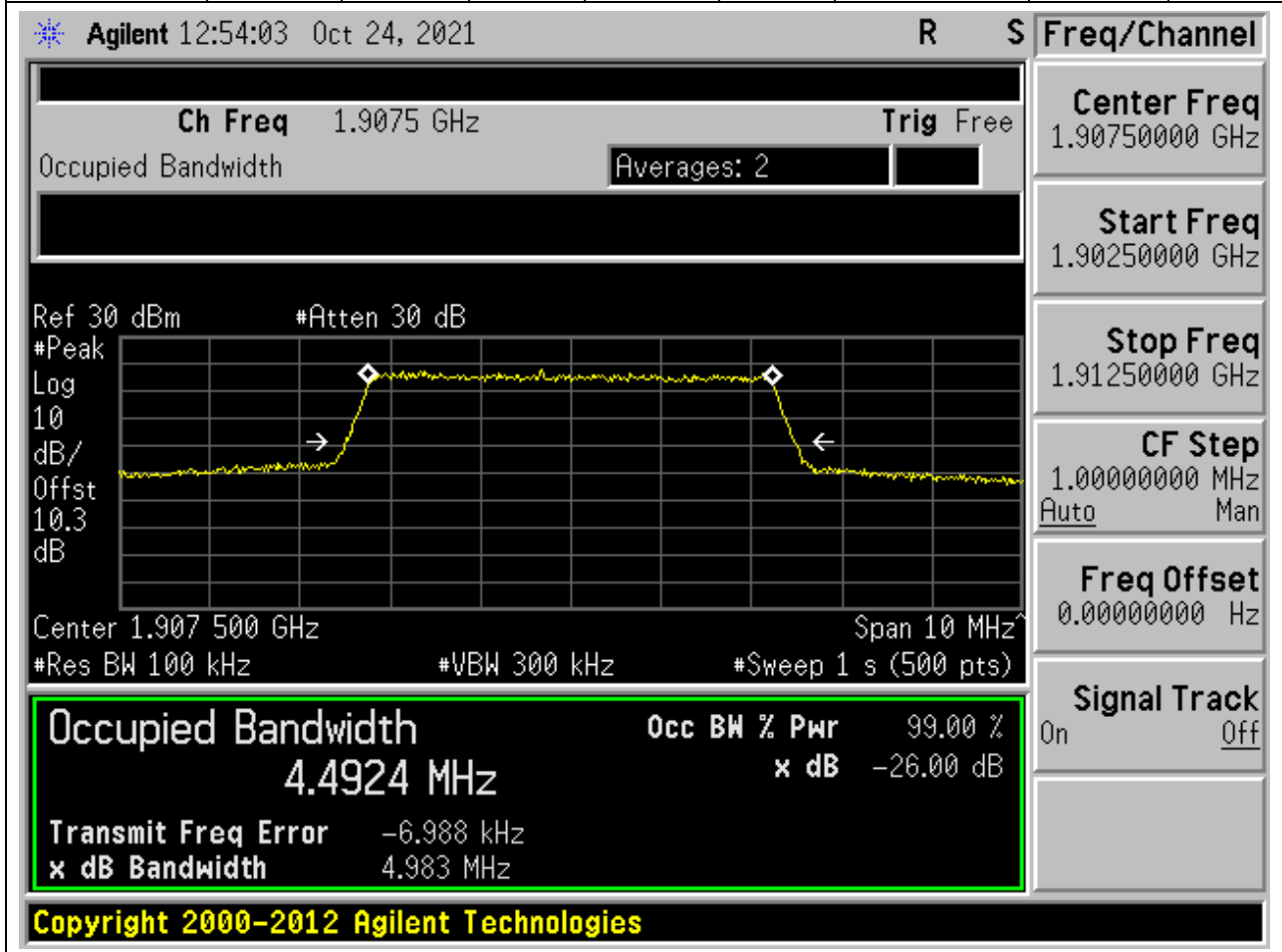
**8.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.519	4.983	5	Pass



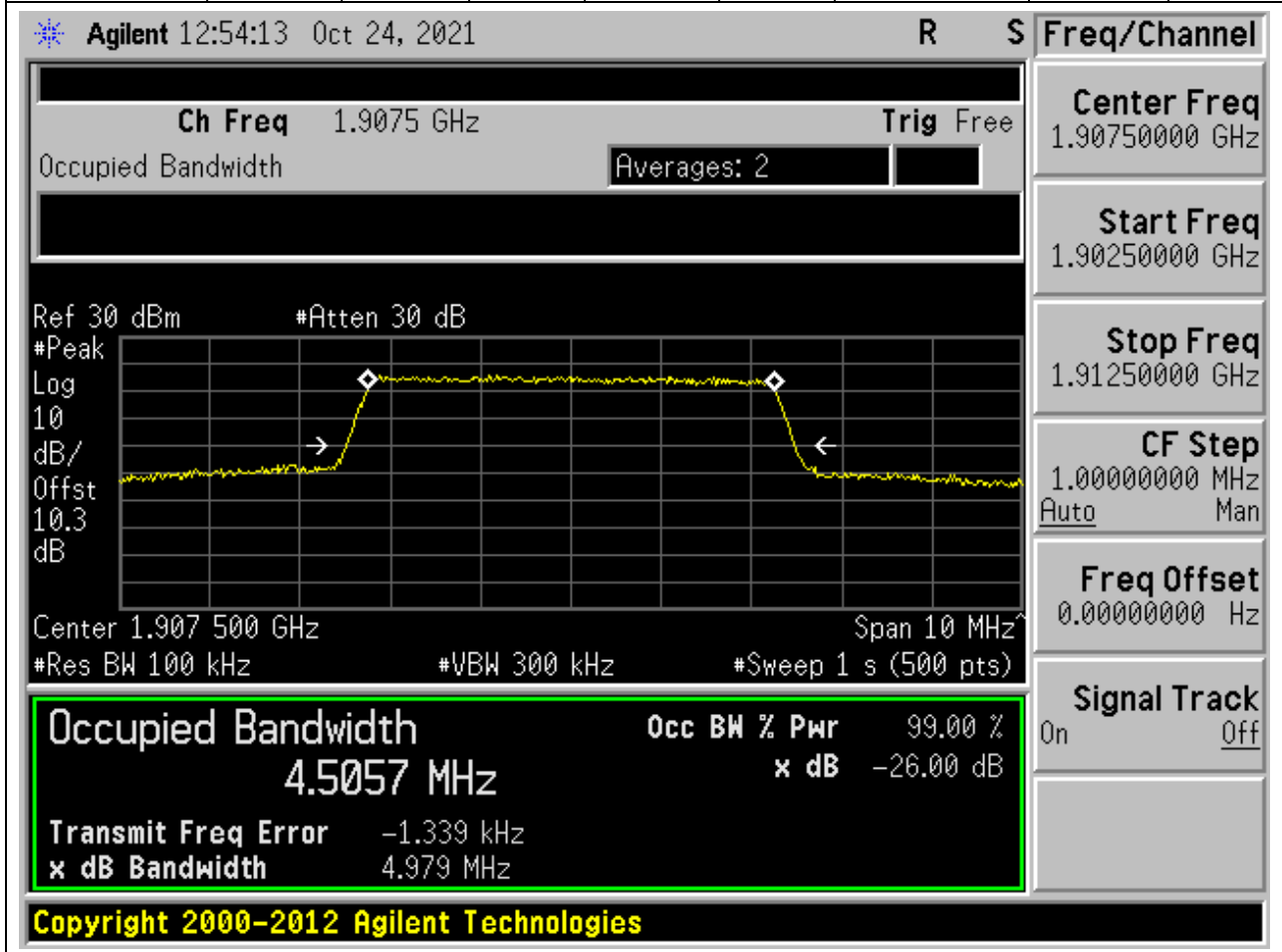
**8.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.492	4.983	5	Pass



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

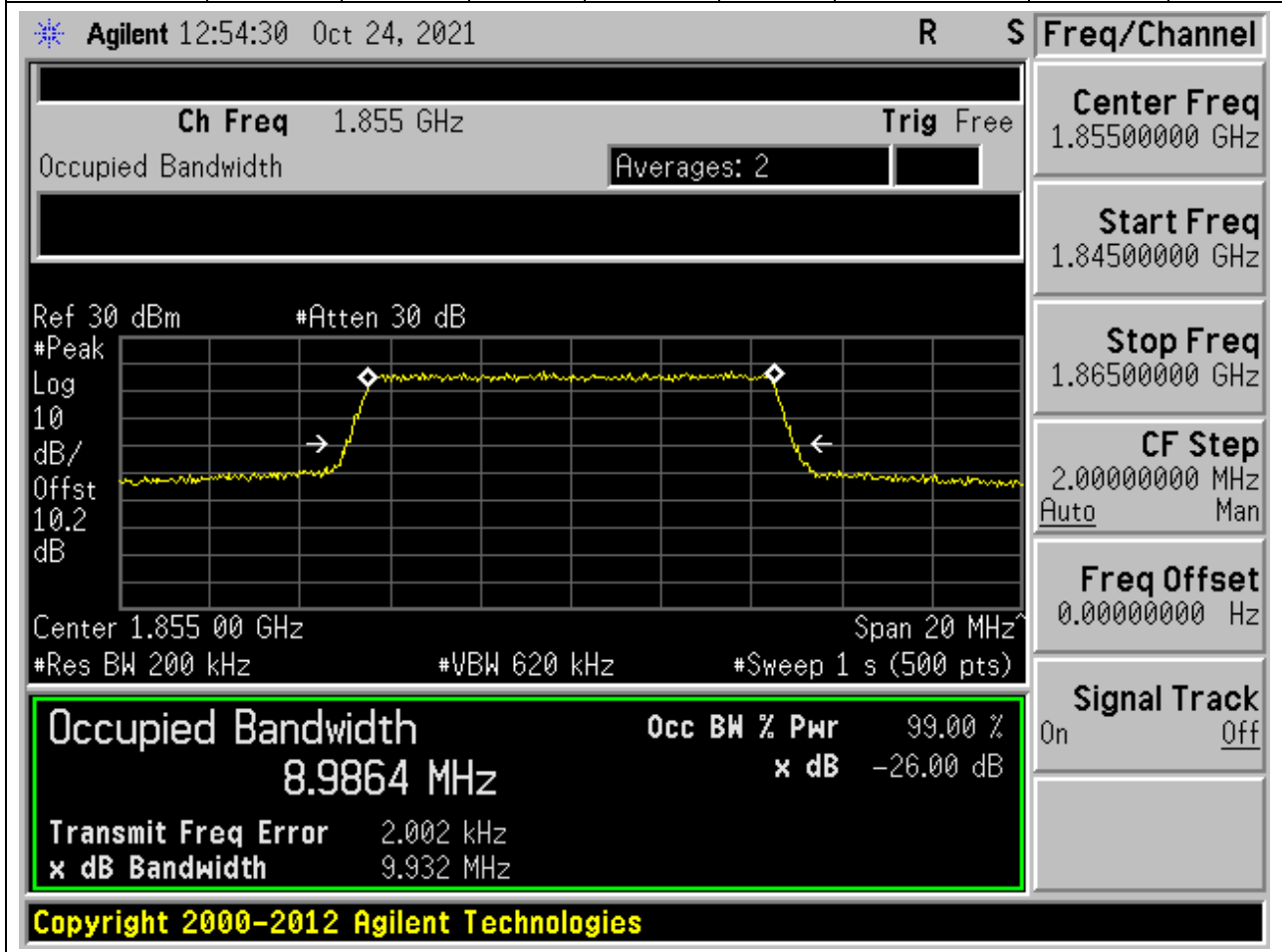
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.506	4.979	5	Pass





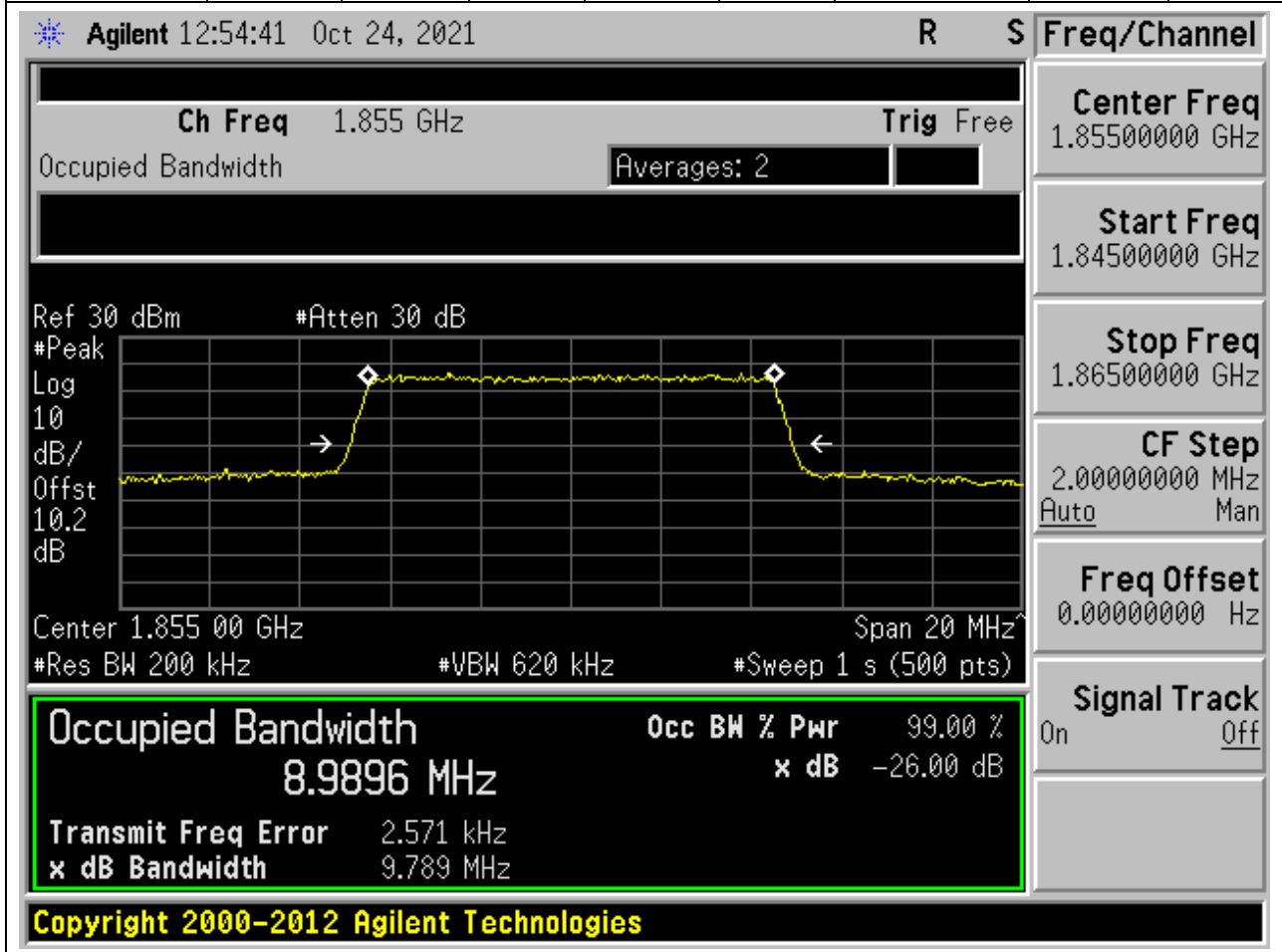
**8.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.986	9.932	10	Pass



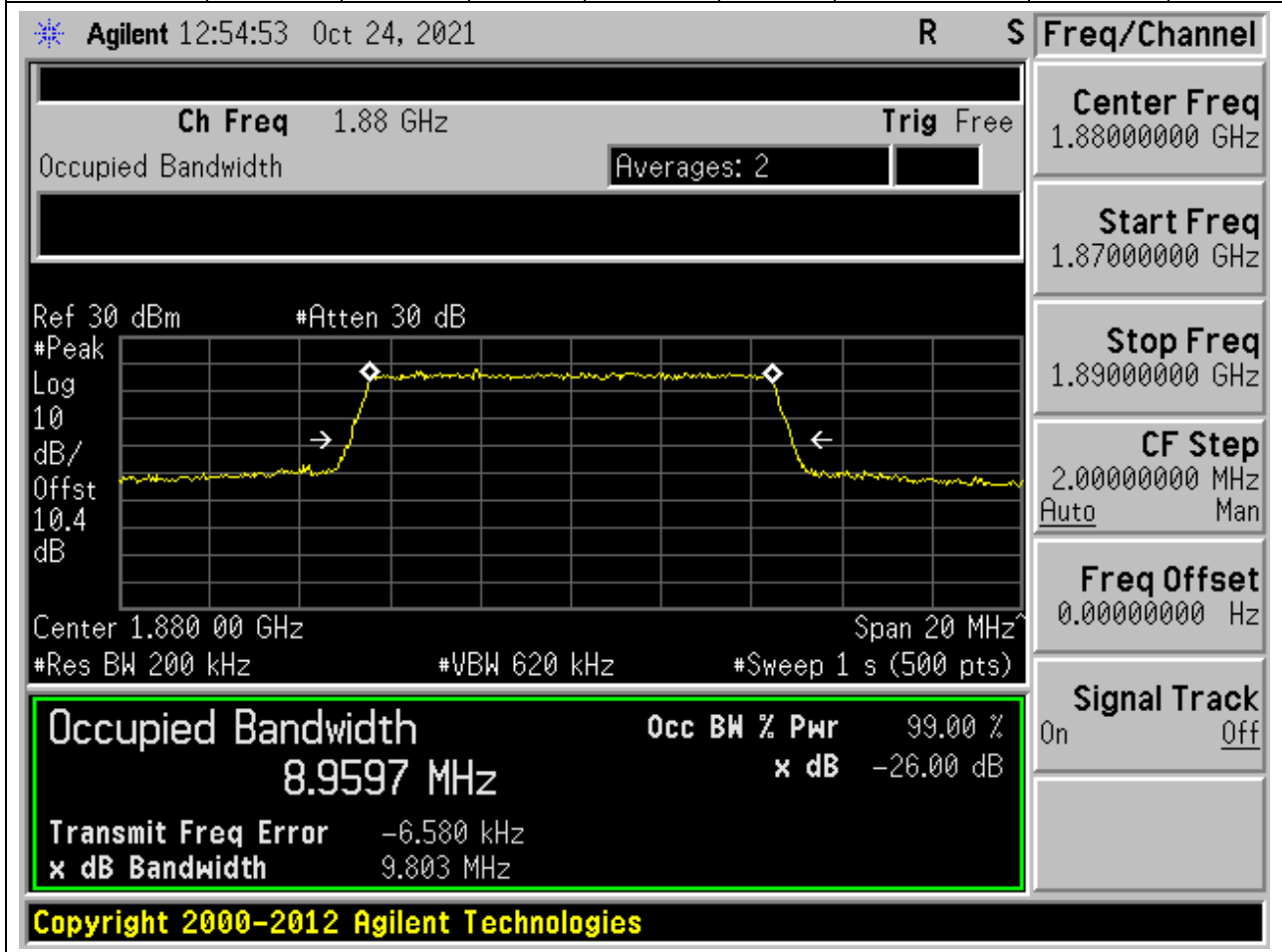
**8.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.99	9.789	10	Pass



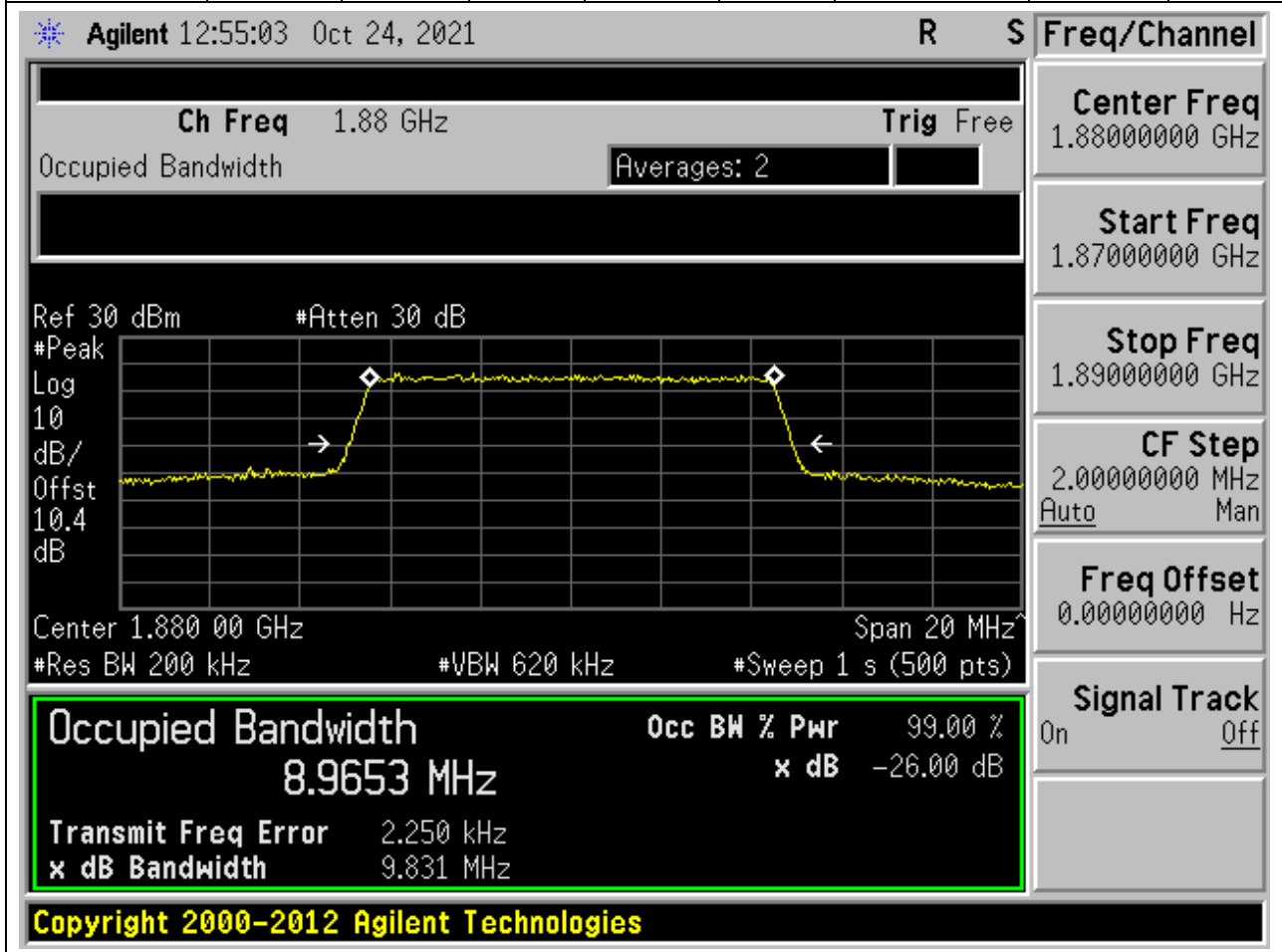
**8.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.96	9.803	10	Pass



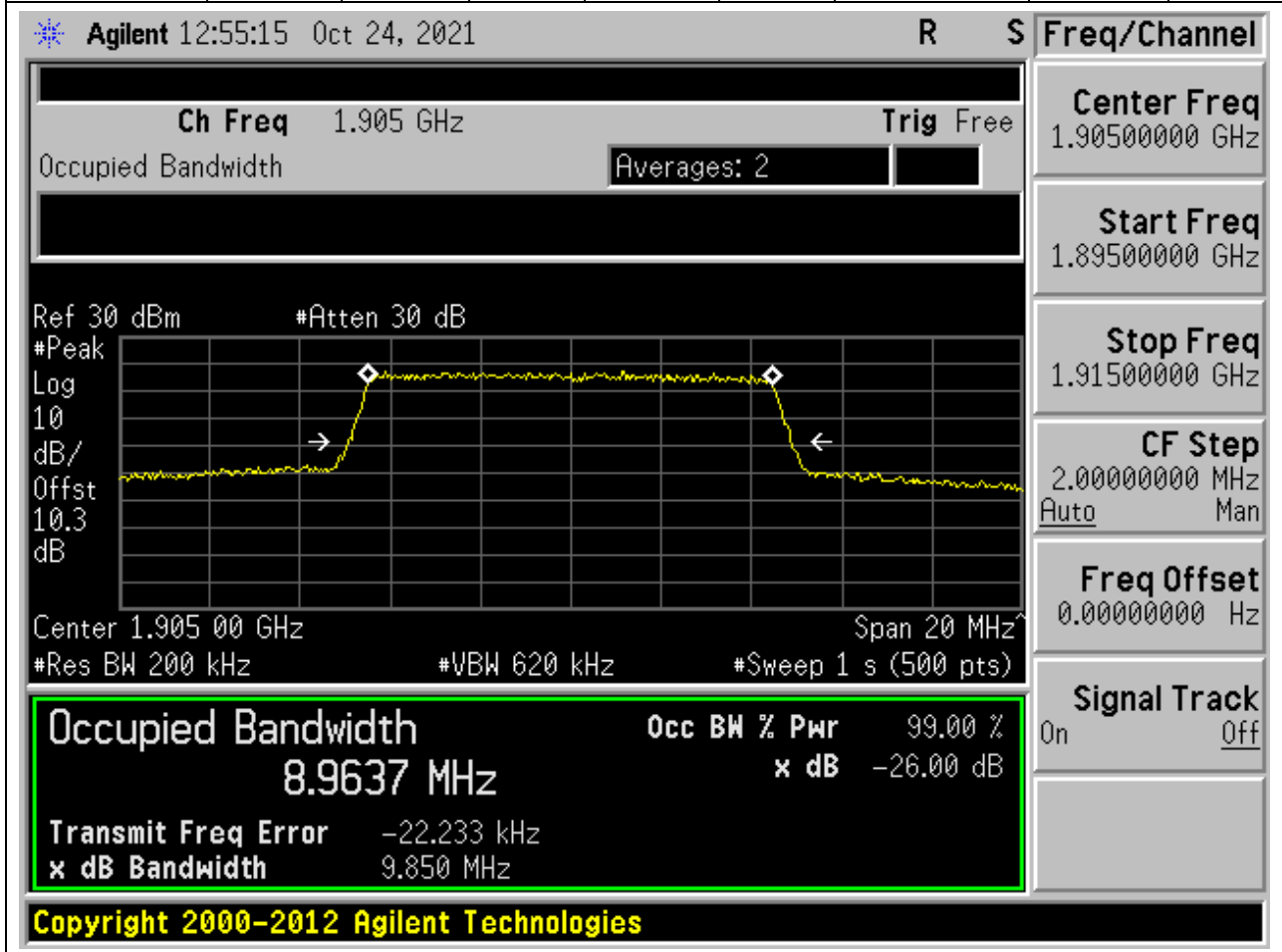
**8.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.965	9.831	10	Pass



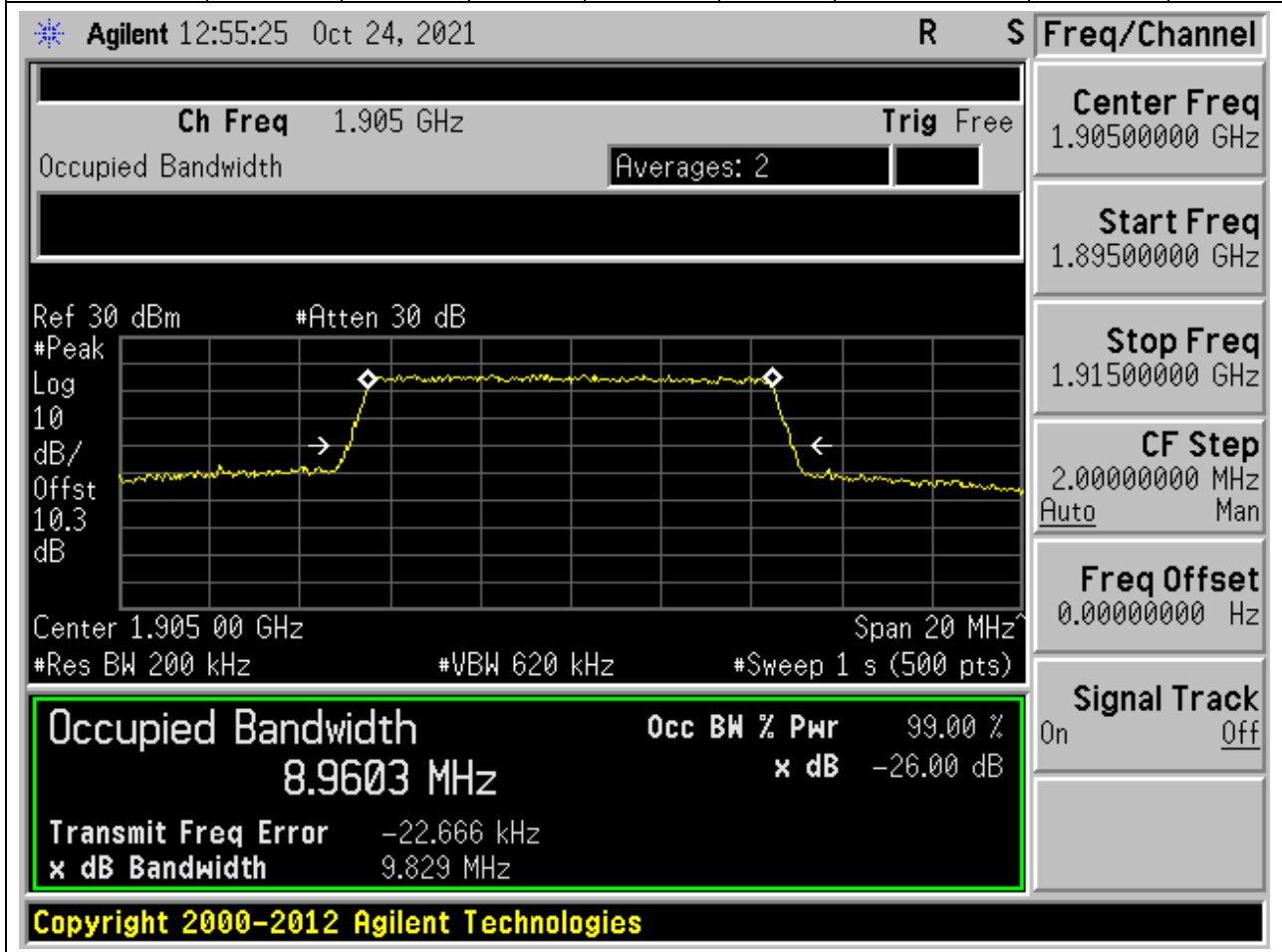
**8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.964	9.85	10	Pass



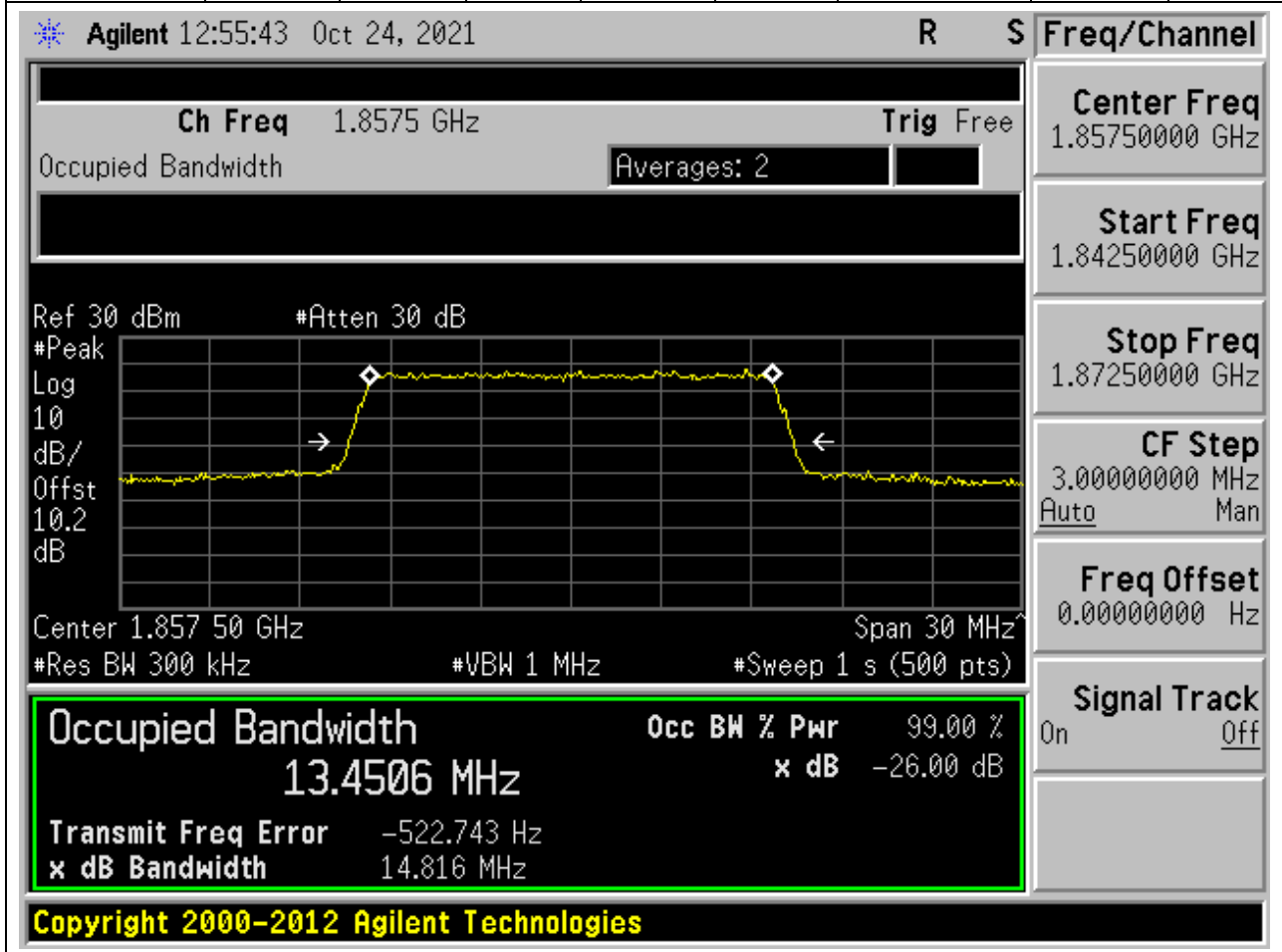
**8.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.96	9.829	10	Pass



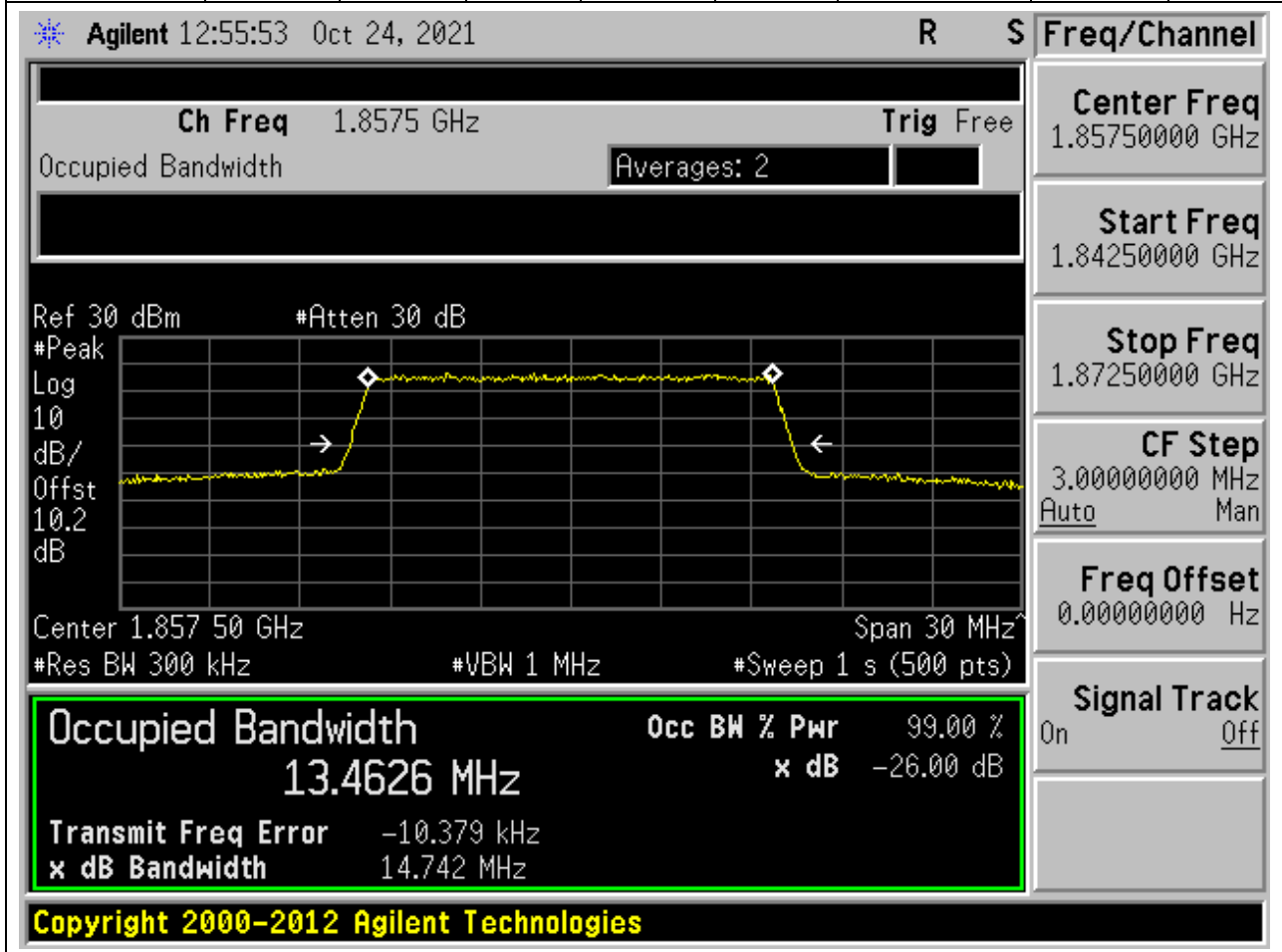
**8.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.451	14.816	15	Pass



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

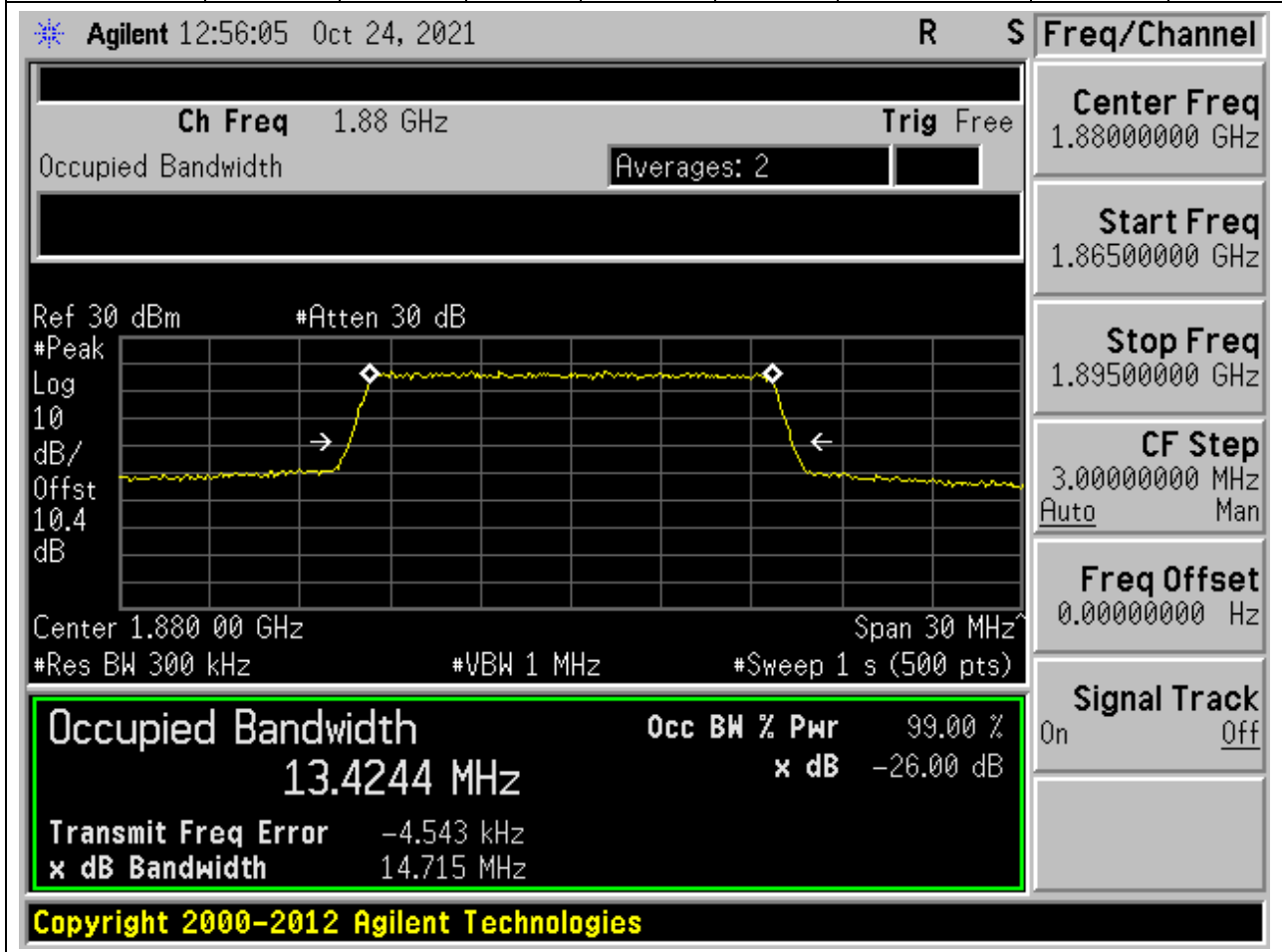
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.463	14.742	15	Pass





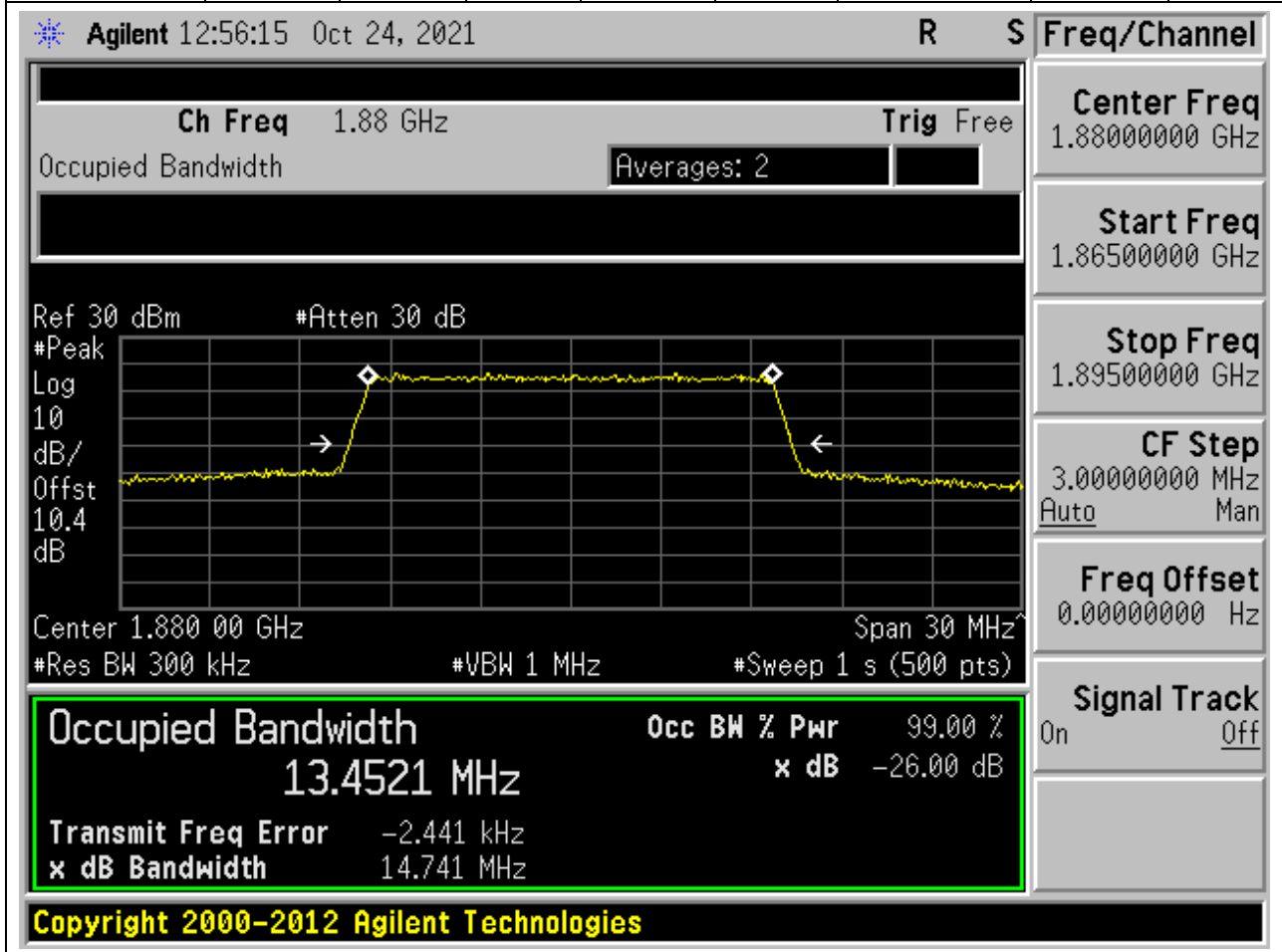
**8.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.424	14.715	15	Pass



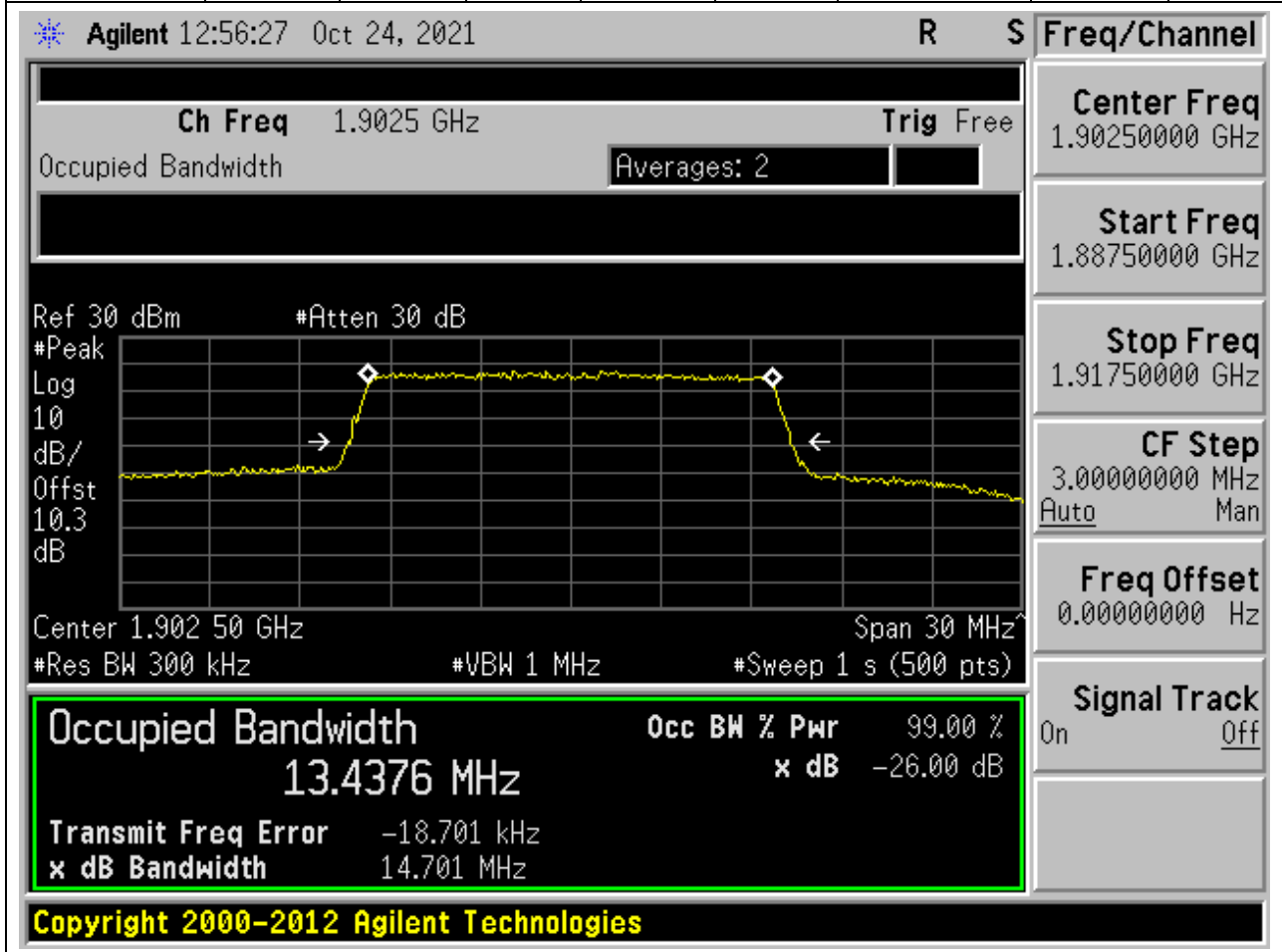
**8.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.452	14.741	15	Pass



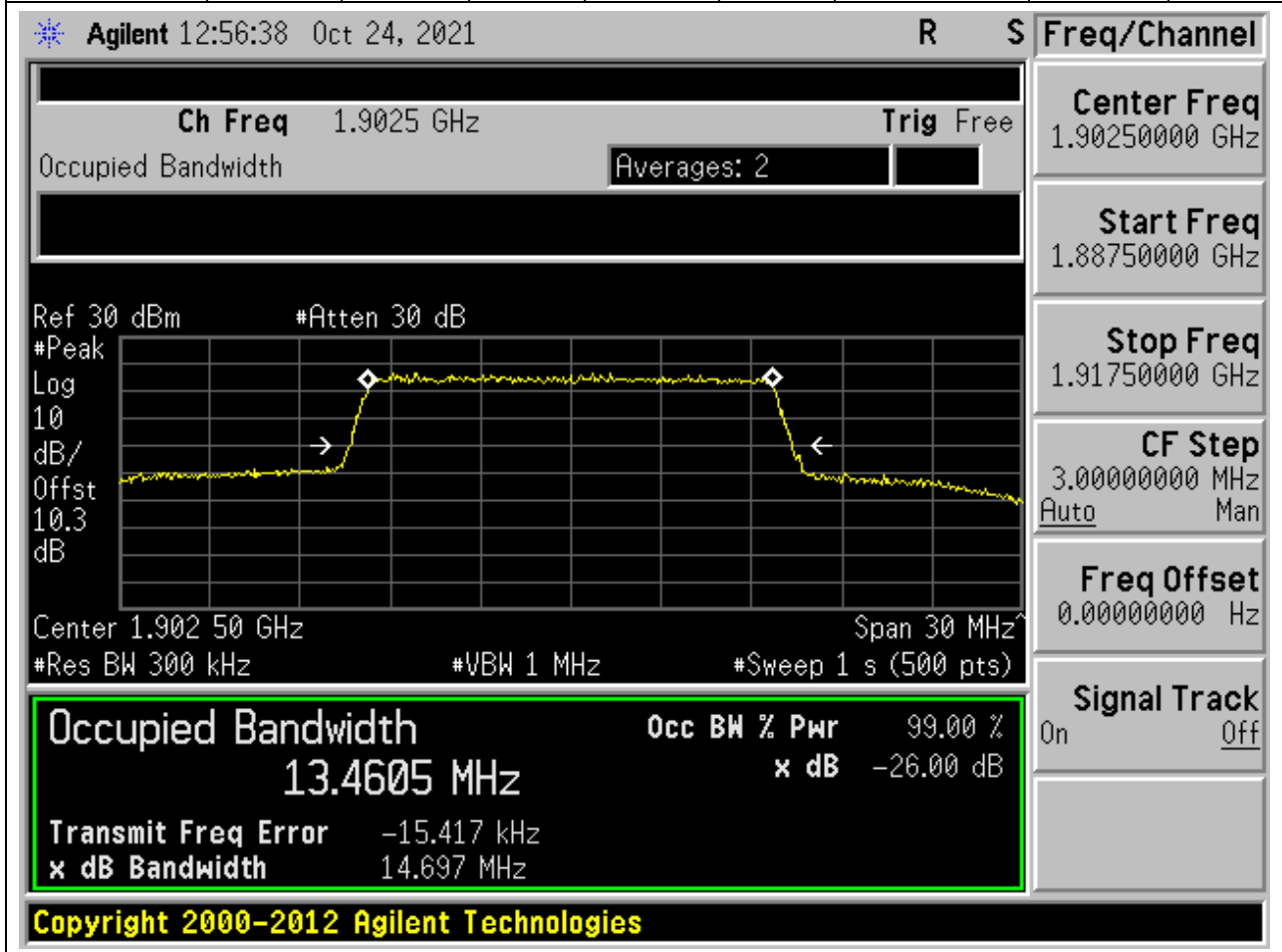
**8.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.438	14.701	15	Pass



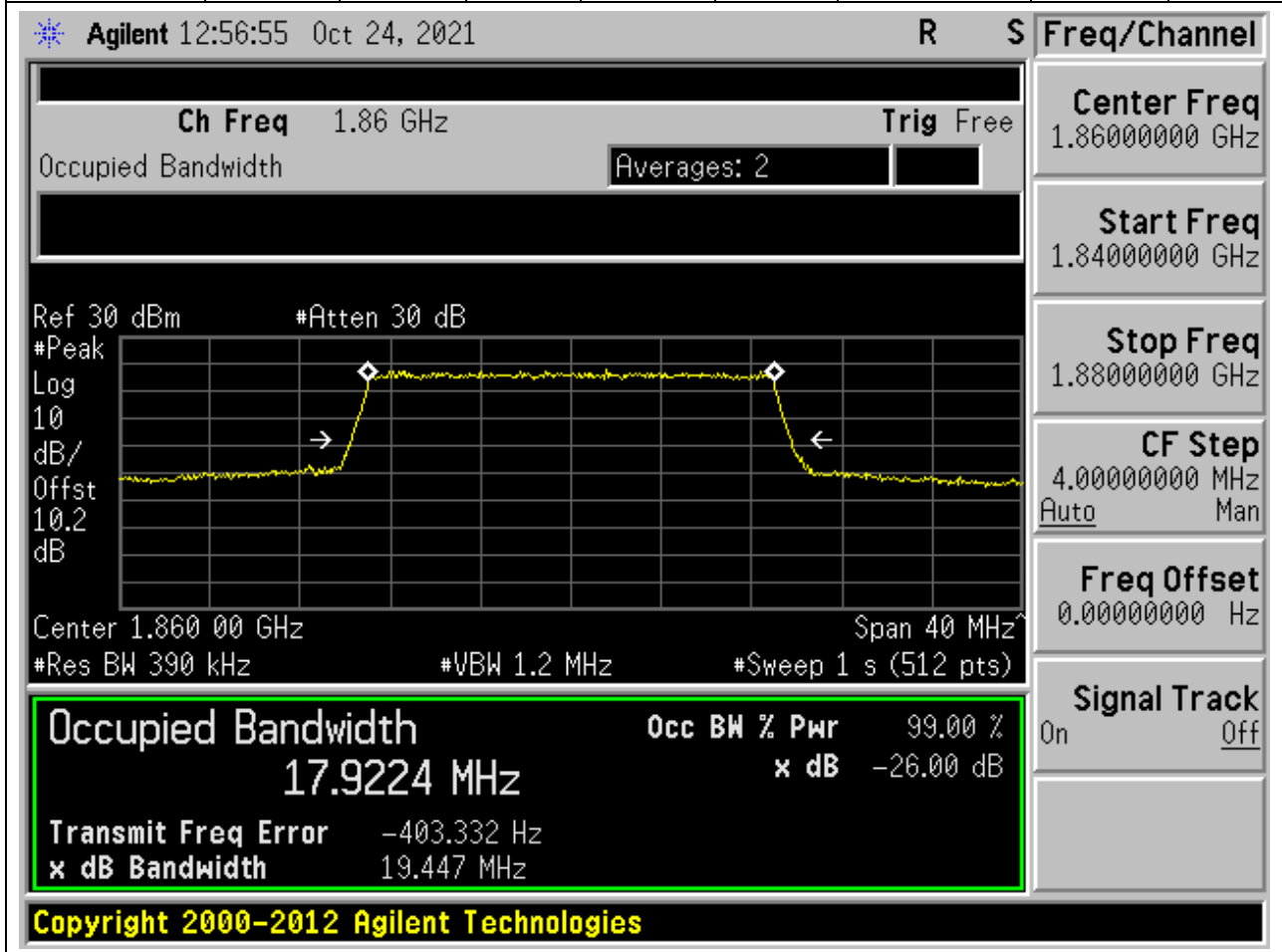
**8.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.46	14.697	15	Pass



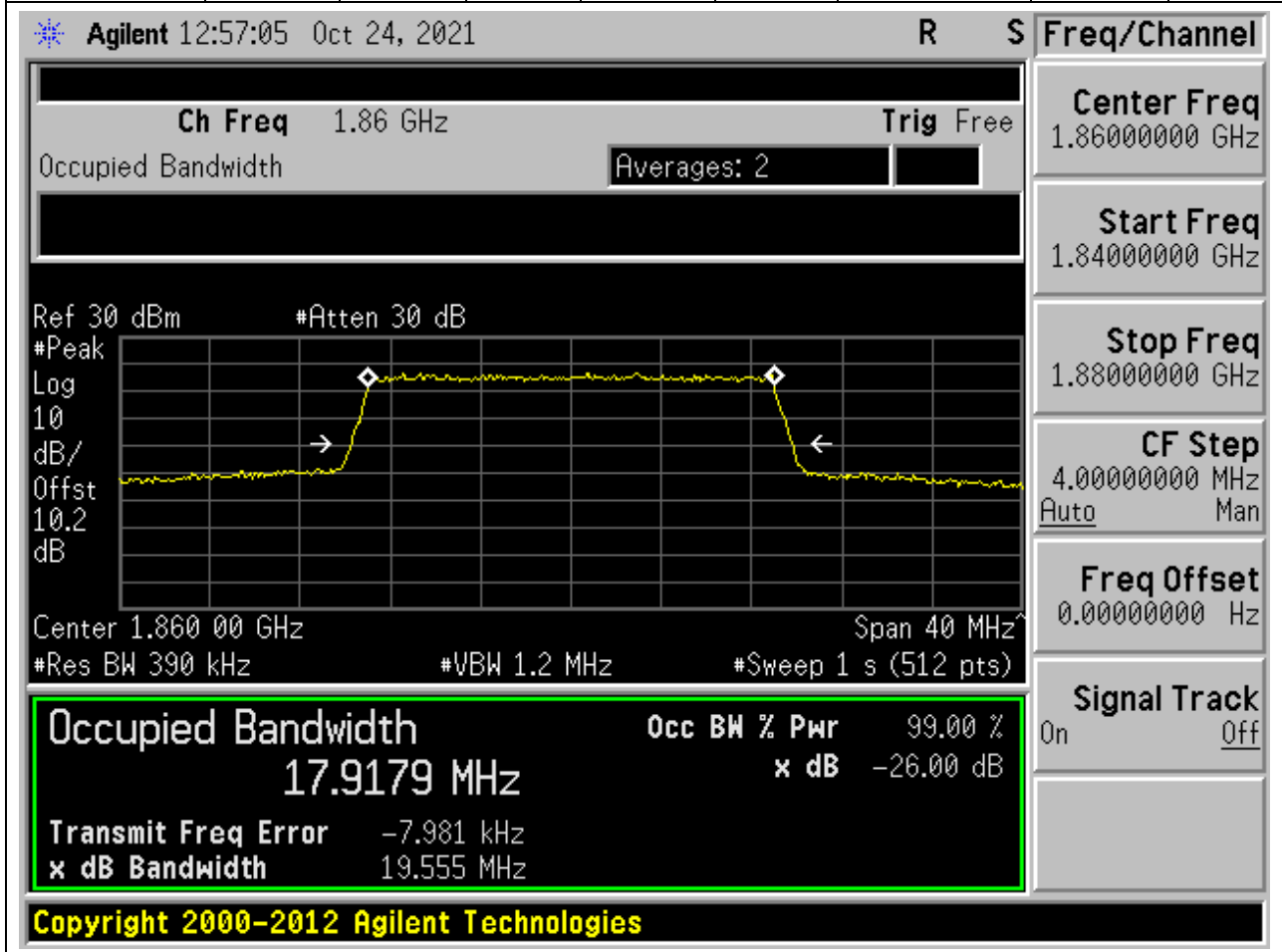
**8.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1860	99	26	0.39	Peak	17.922	19.447	20	Pass



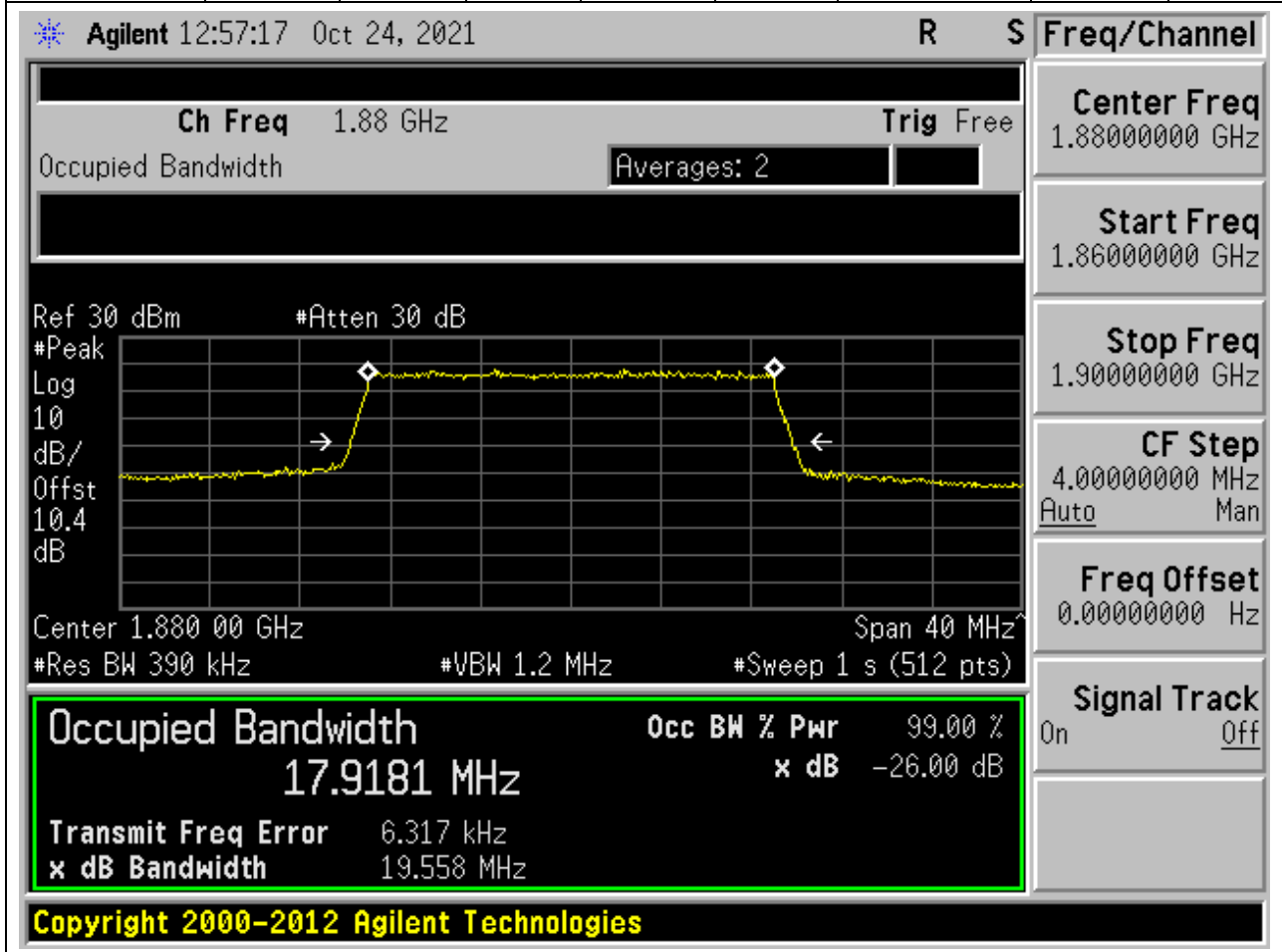
**8.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.918	19.555	20	Pass



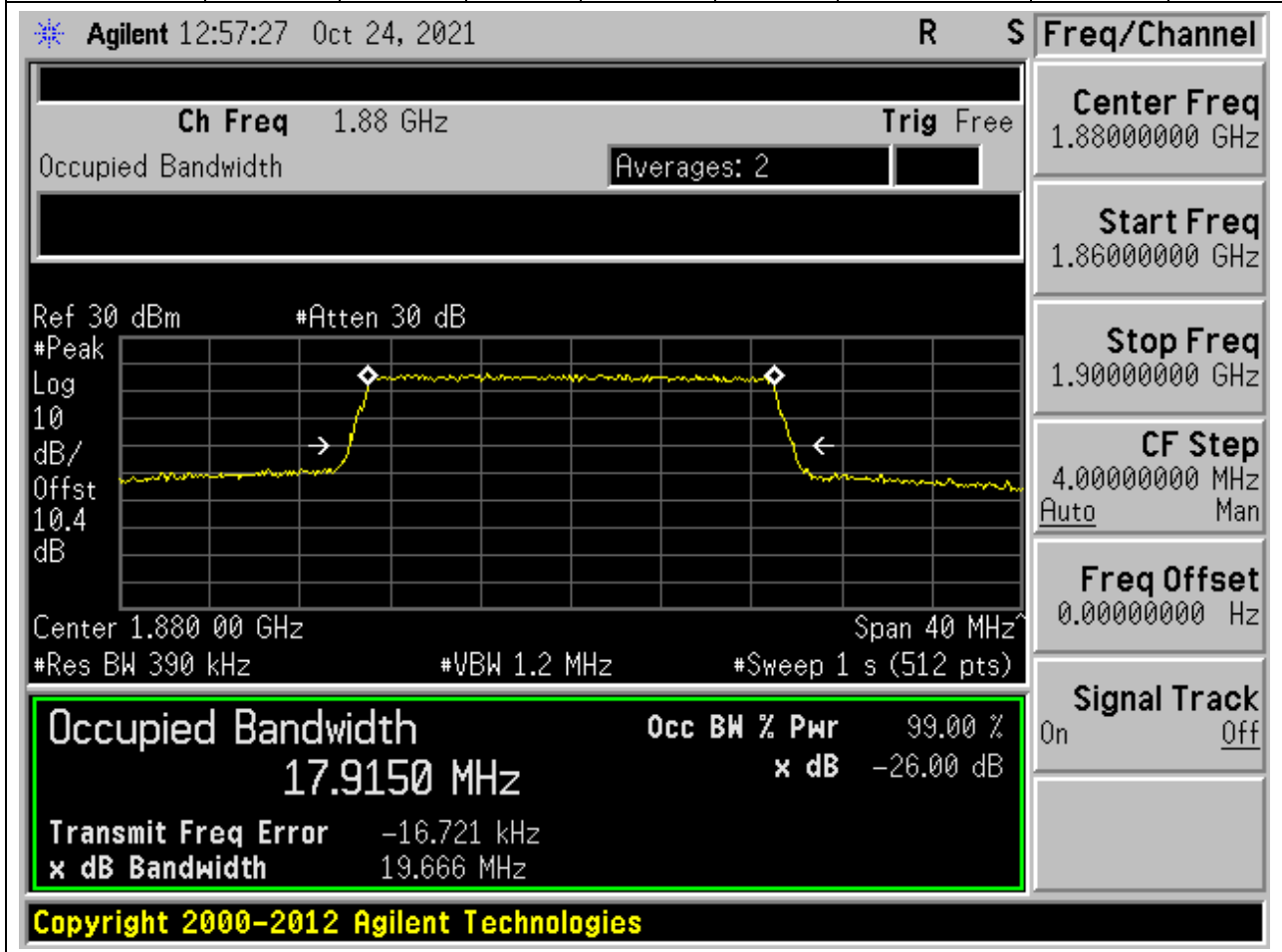
**8.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.918	19.558	20	Pass



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

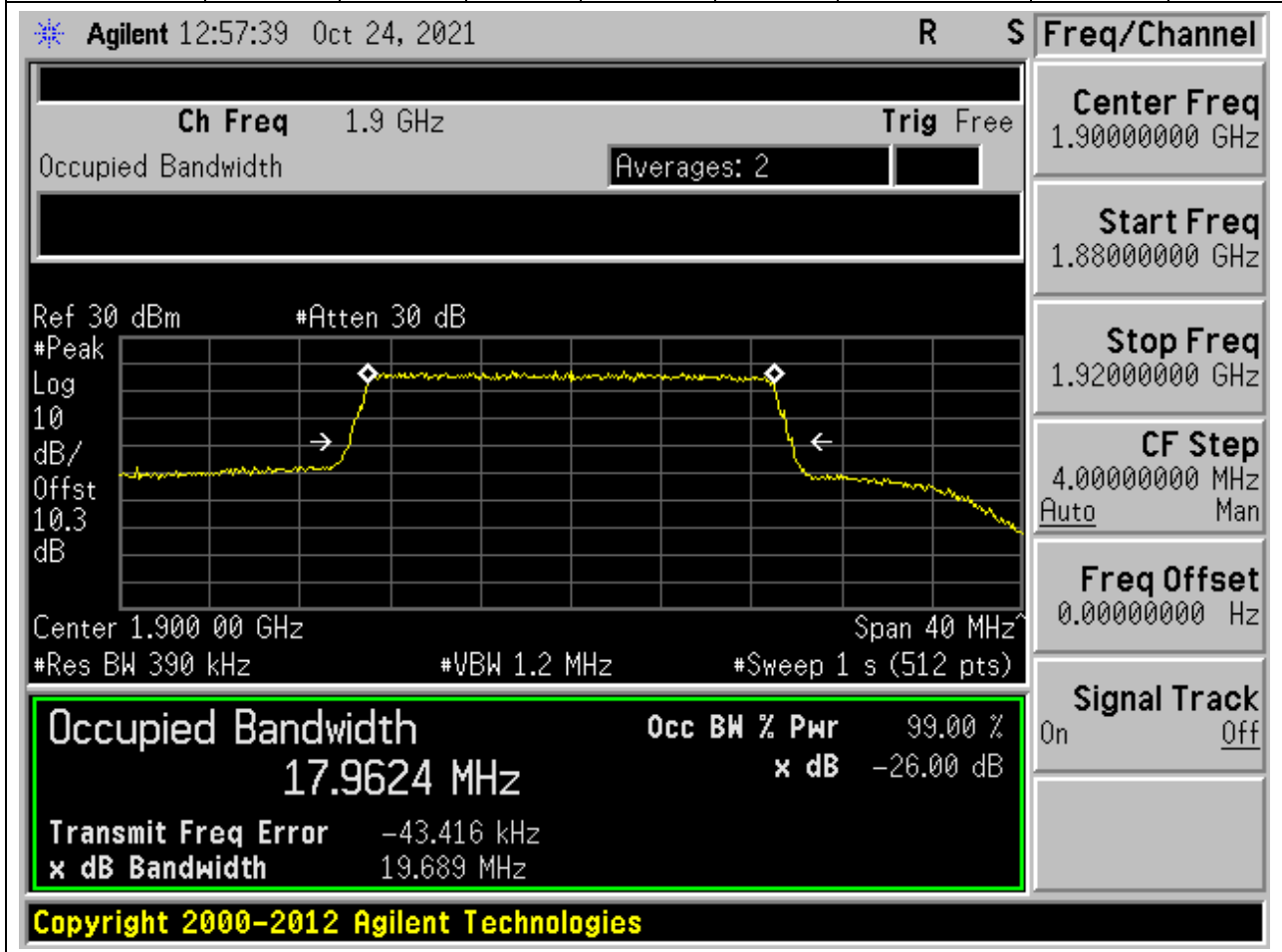
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.39	Peak	17.915	19.666	20	Pass





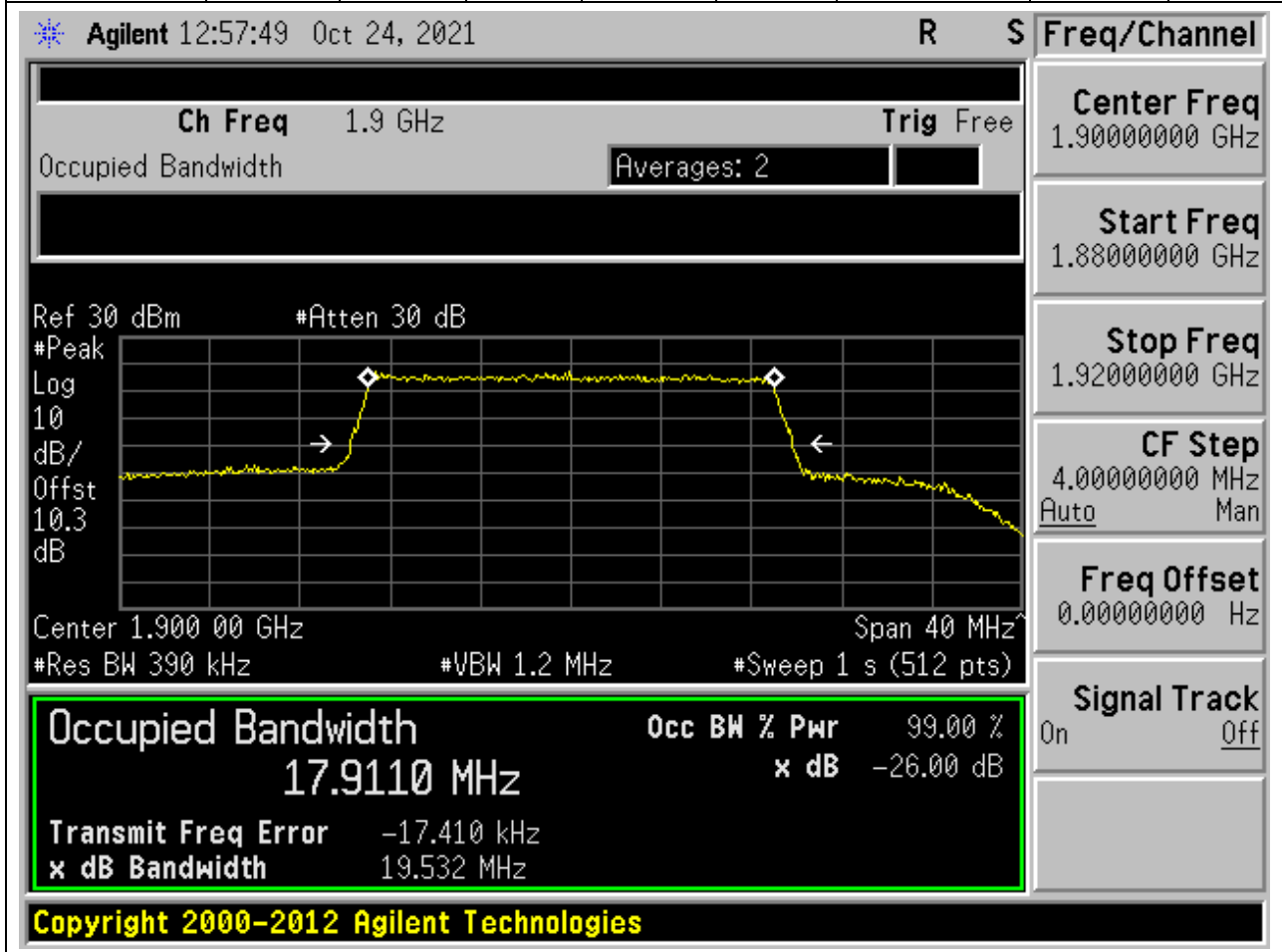
**8.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.962	19.689	20	Pass



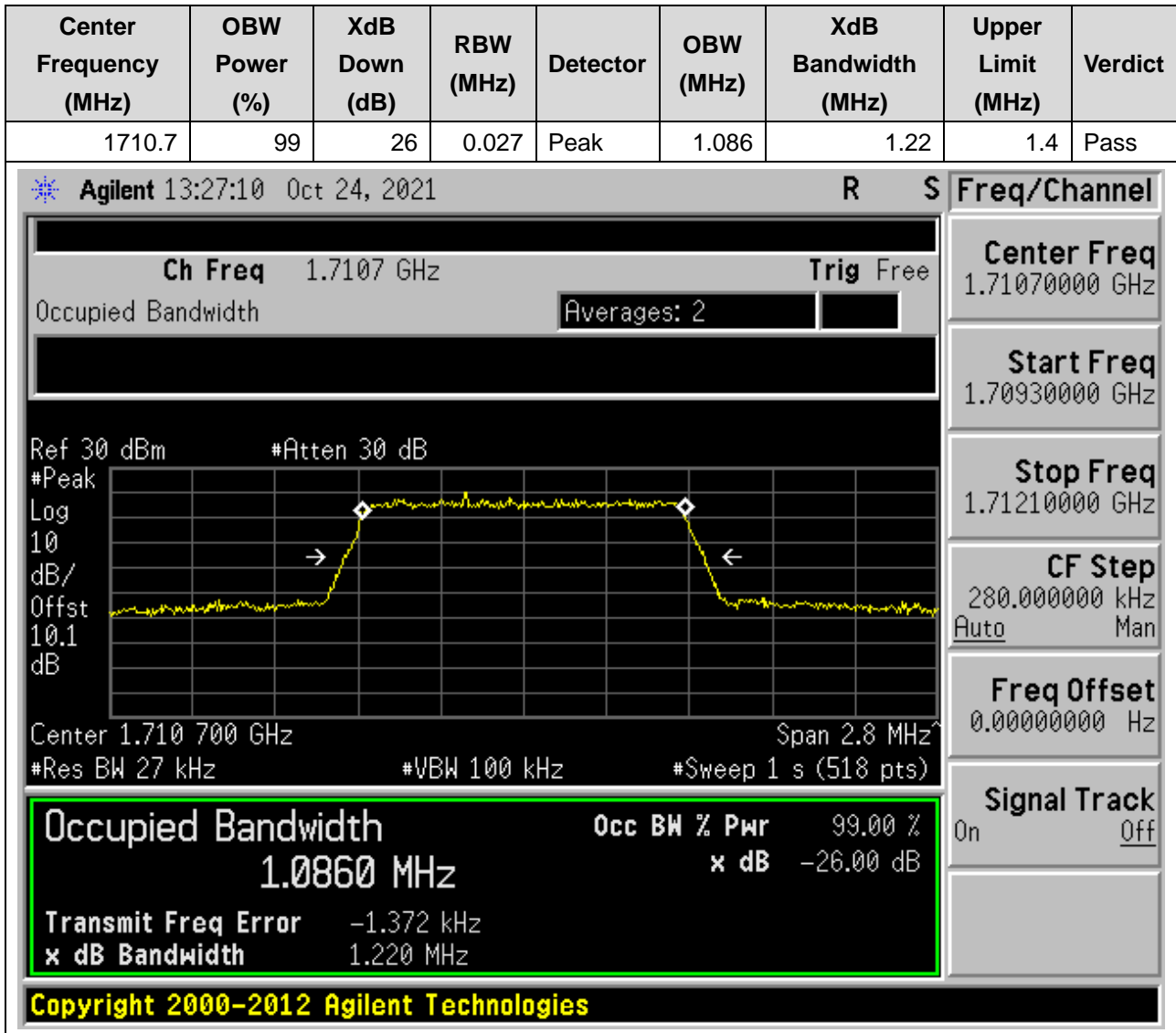
**8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.911	19.532	20	Pass



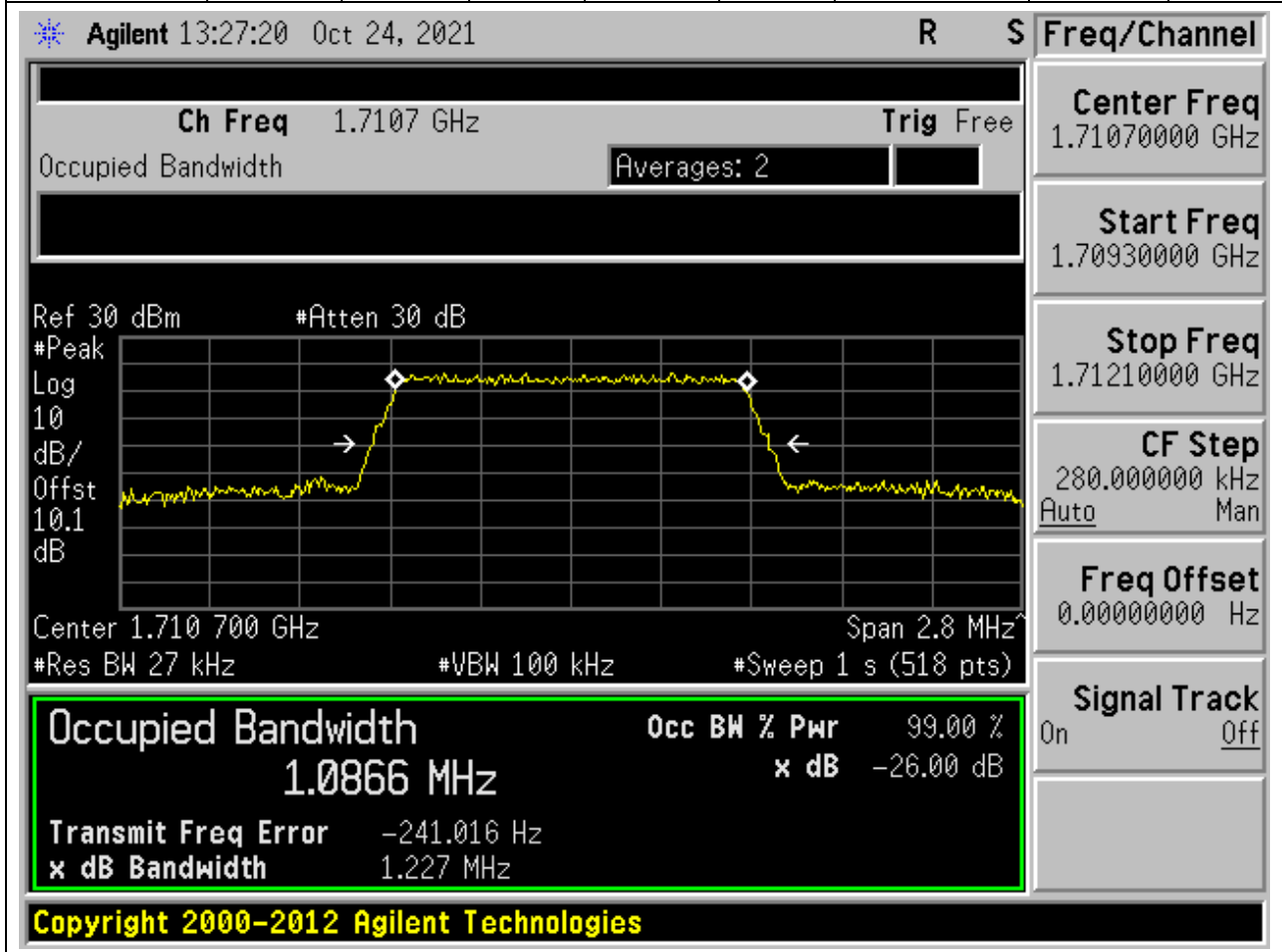
## 9. LTE\_Band4

### 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	1.087	1.227	1.4	Pass



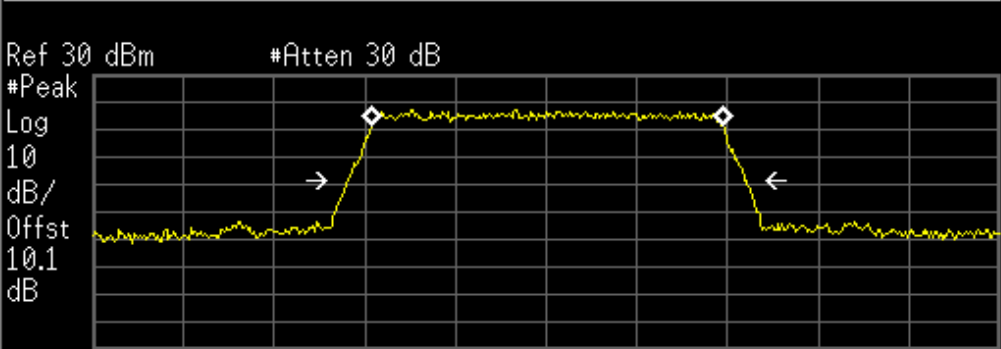
**9.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.085	1.235	1.4	Pass

Agilent 13:27:32 Oct 24, 2021 R S

**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.732 500 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>1.0850 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	1.974 kHz	
<b>x dB Bandwidth</b>	1.235 MHz	

**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.73110000 GHz

**Stop Freq**  
1.73390000 GHz

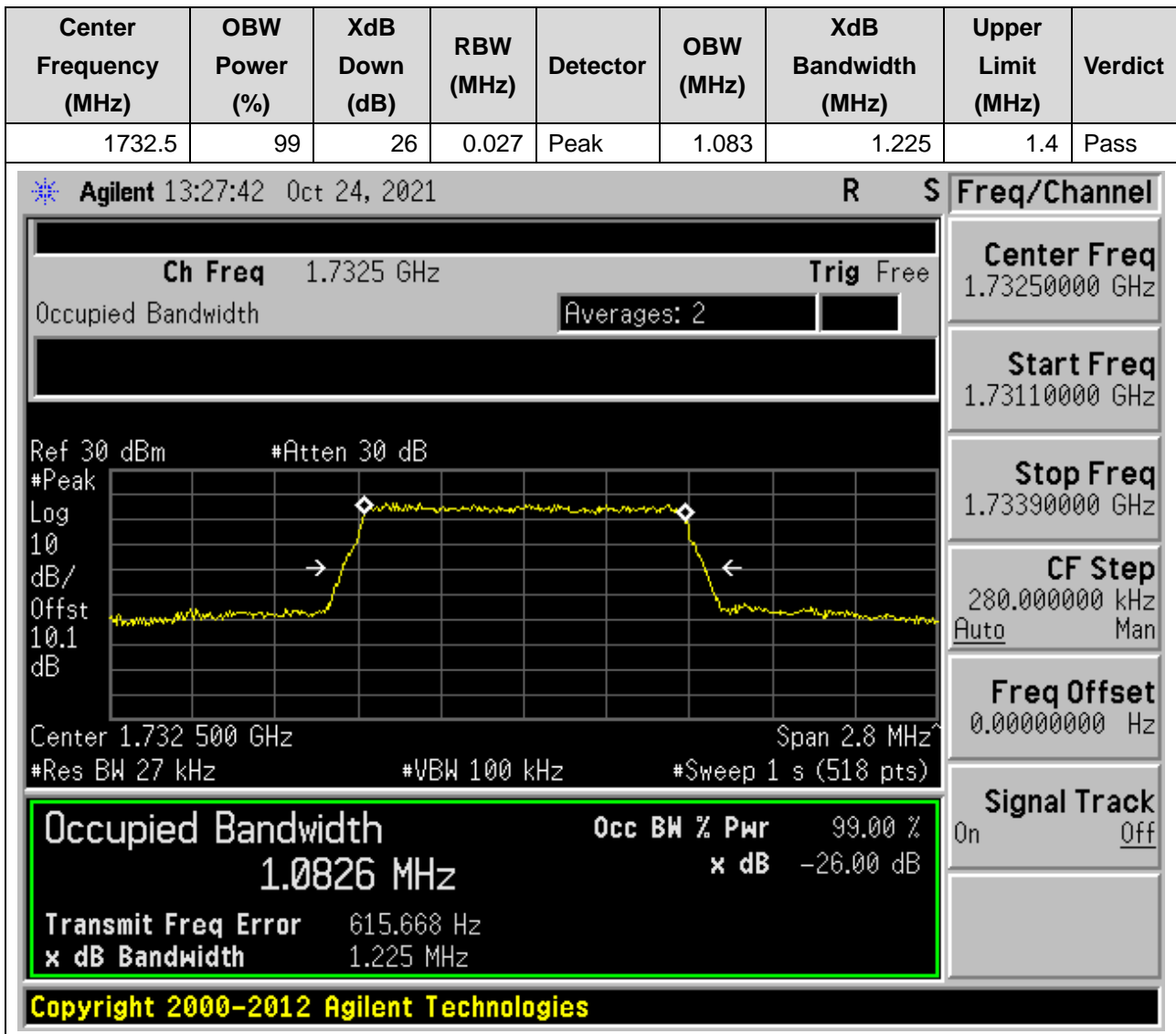
**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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



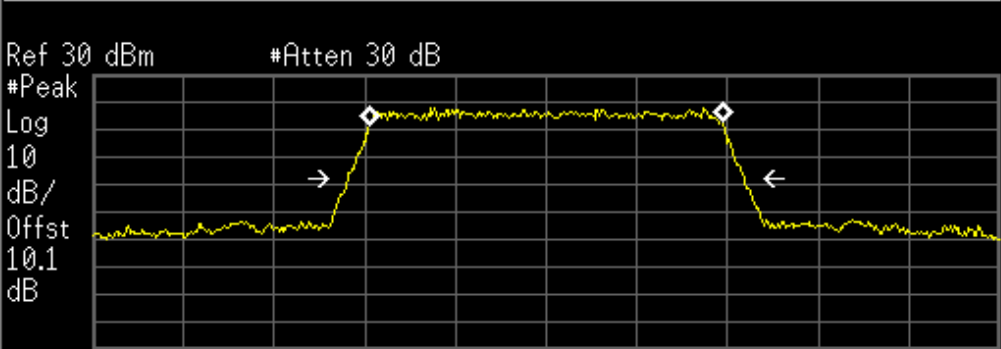
**9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.087	1.225	1.4	Pass

Agilent 13:27:54 Oct 24, 2021 R S

**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

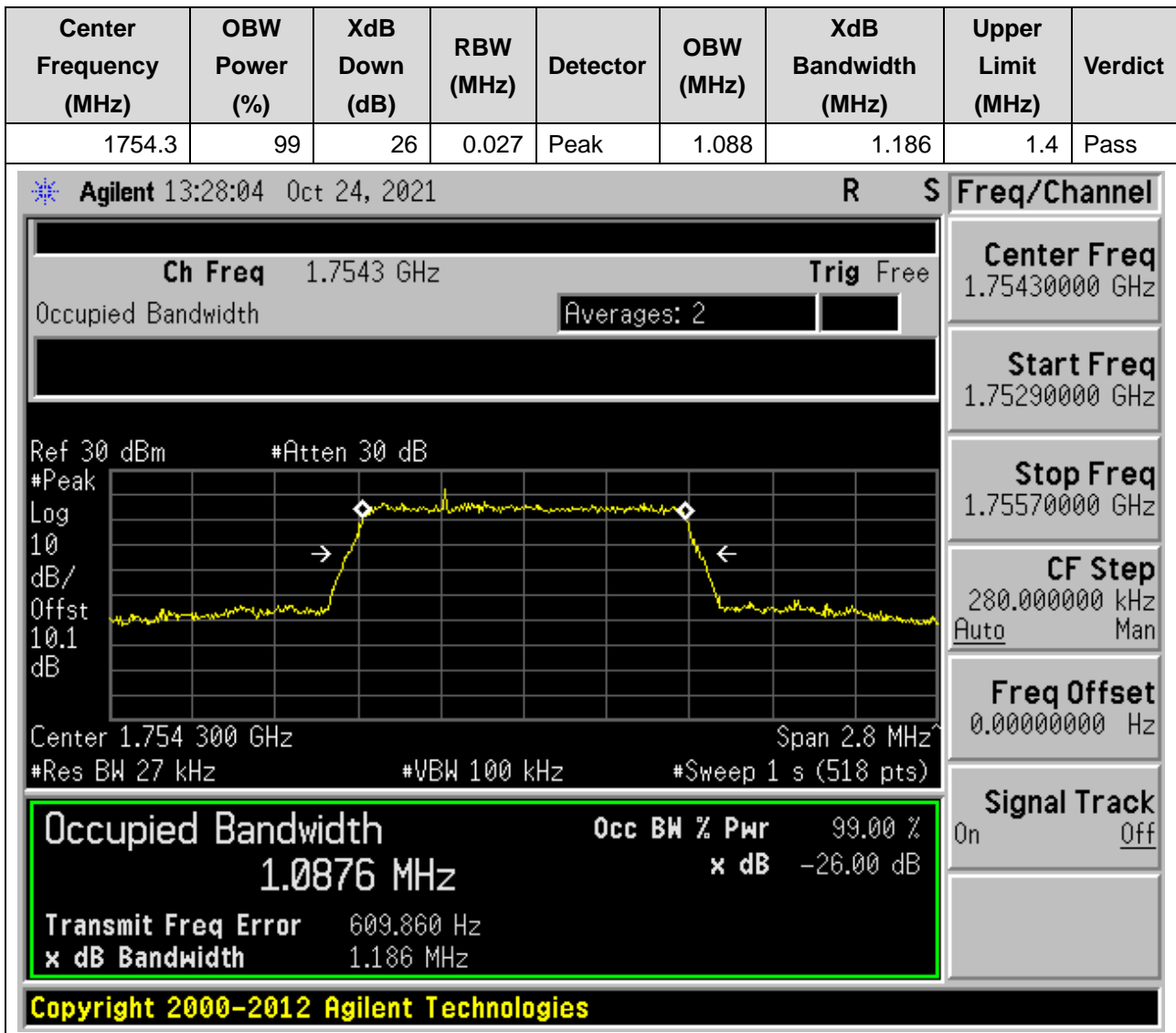
#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0874 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.376 kHz	
<b>x dB Bandwidth</b>	1.225 MHz	

**Signal Track**  
On Off

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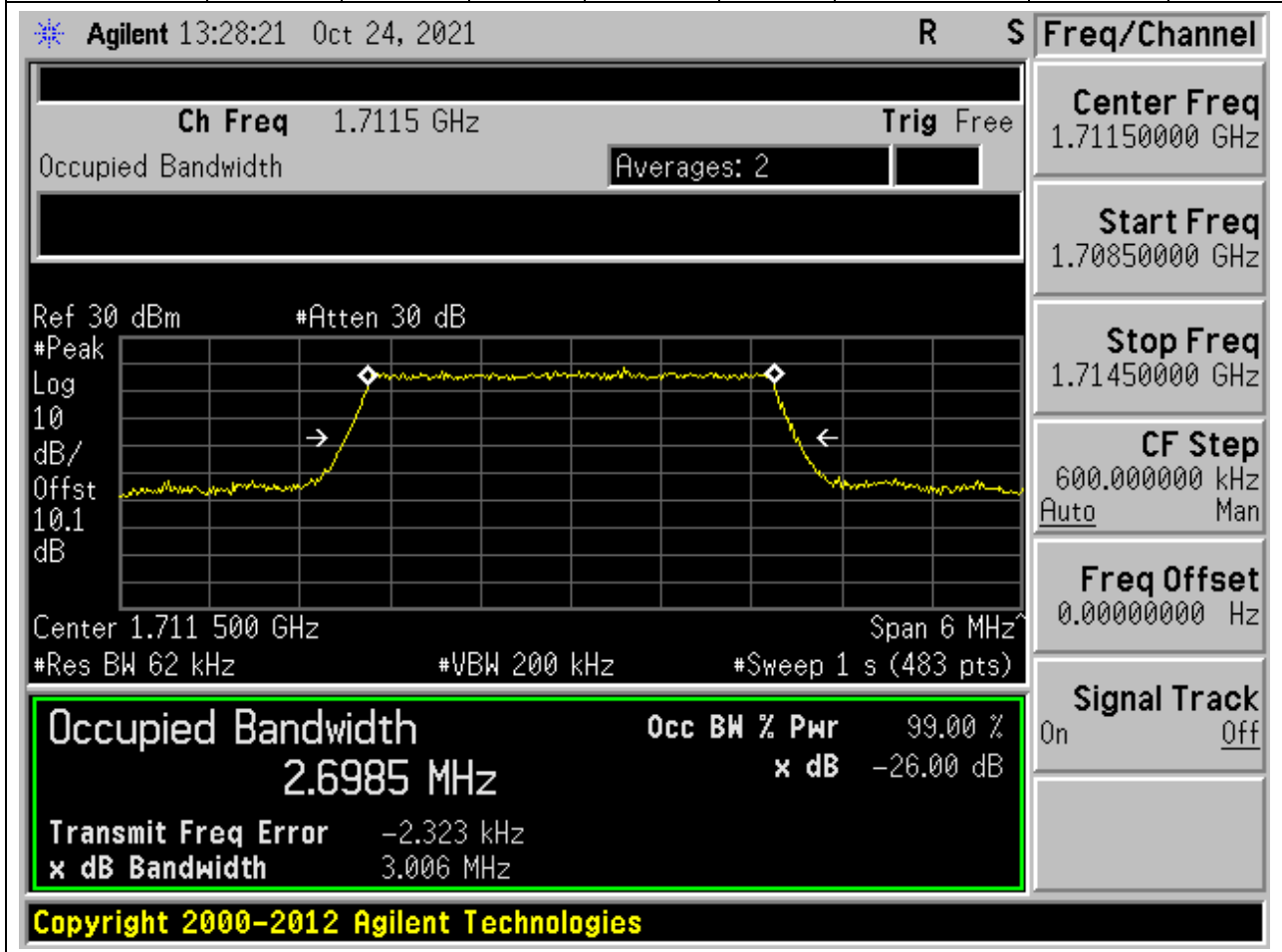
**9.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**





**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	2.699	3.006	3	Pass



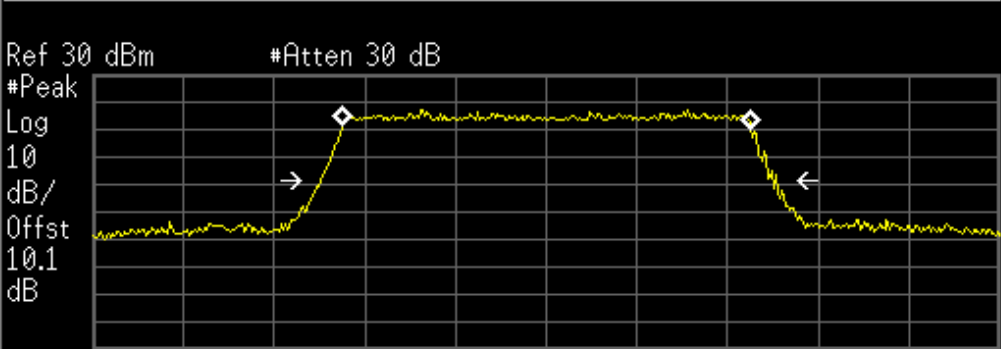
**9.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.704	3.009	3	Pass

Agilent 13:28:31 Oct 24, 2021 R S

**Ch Freq** 1.7115 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.711 500 GHz Span 6 MHz

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

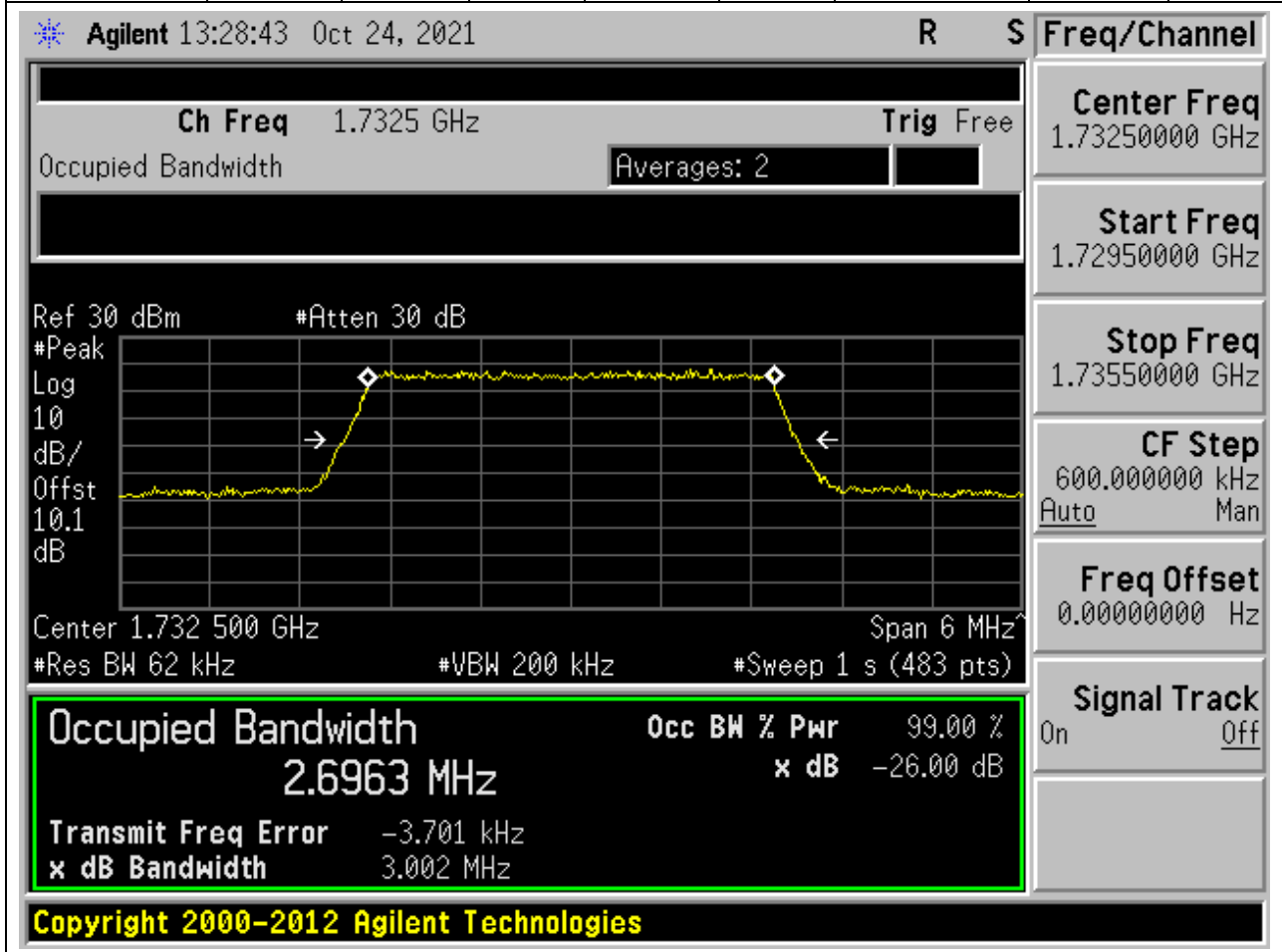
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.7035 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	888.487 Hz	
<b>x dB Bandwidth</b>	3.009 MHz	

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.696	3.002	3	Pass



**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	2.697	3.008	3	Pass

Agilent 13:28:53 Oct 24, 2021 R S

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**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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Ref 30 dBm #Atten 30 dB

#Peak

Log

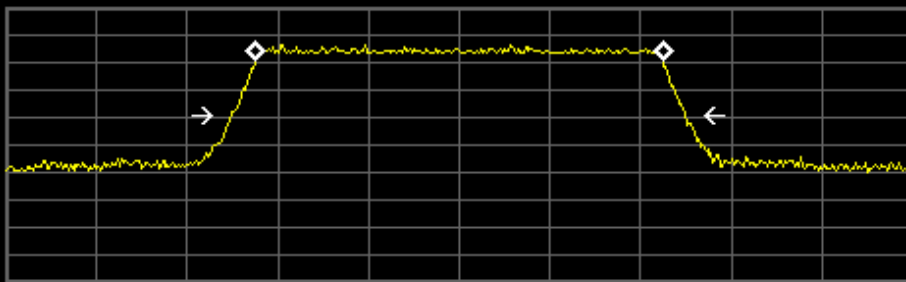
10

dB/

Offst

10.1

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

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

**2.6971 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.275 kHz

**x dB Bandwidth** 3.008 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.702	2.999	3	Pass

Agilent 13:29:06 Oct 24, 2021 R S

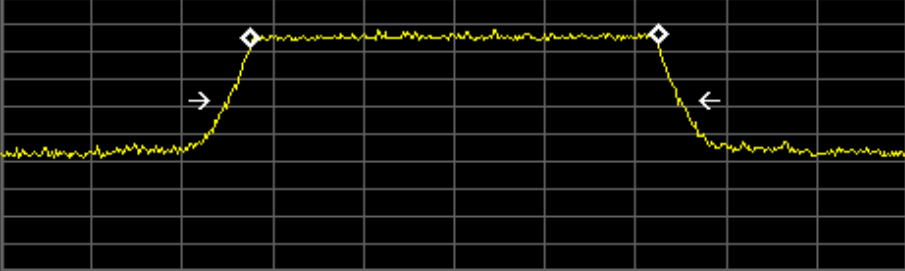
---

**Ch Freq** 1.7535 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB



Center 1.753 500 GHz Span 6 MHz

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

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<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.7018 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.954 kHz	
<b>x dB Bandwidth</b>	2.999 MHz	

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**Freq/Channel**

**Center Freq** 1.75350000 GHz

**Start Freq** 1.75050000 GHz

**Stop Freq** 1.75650000 GHz

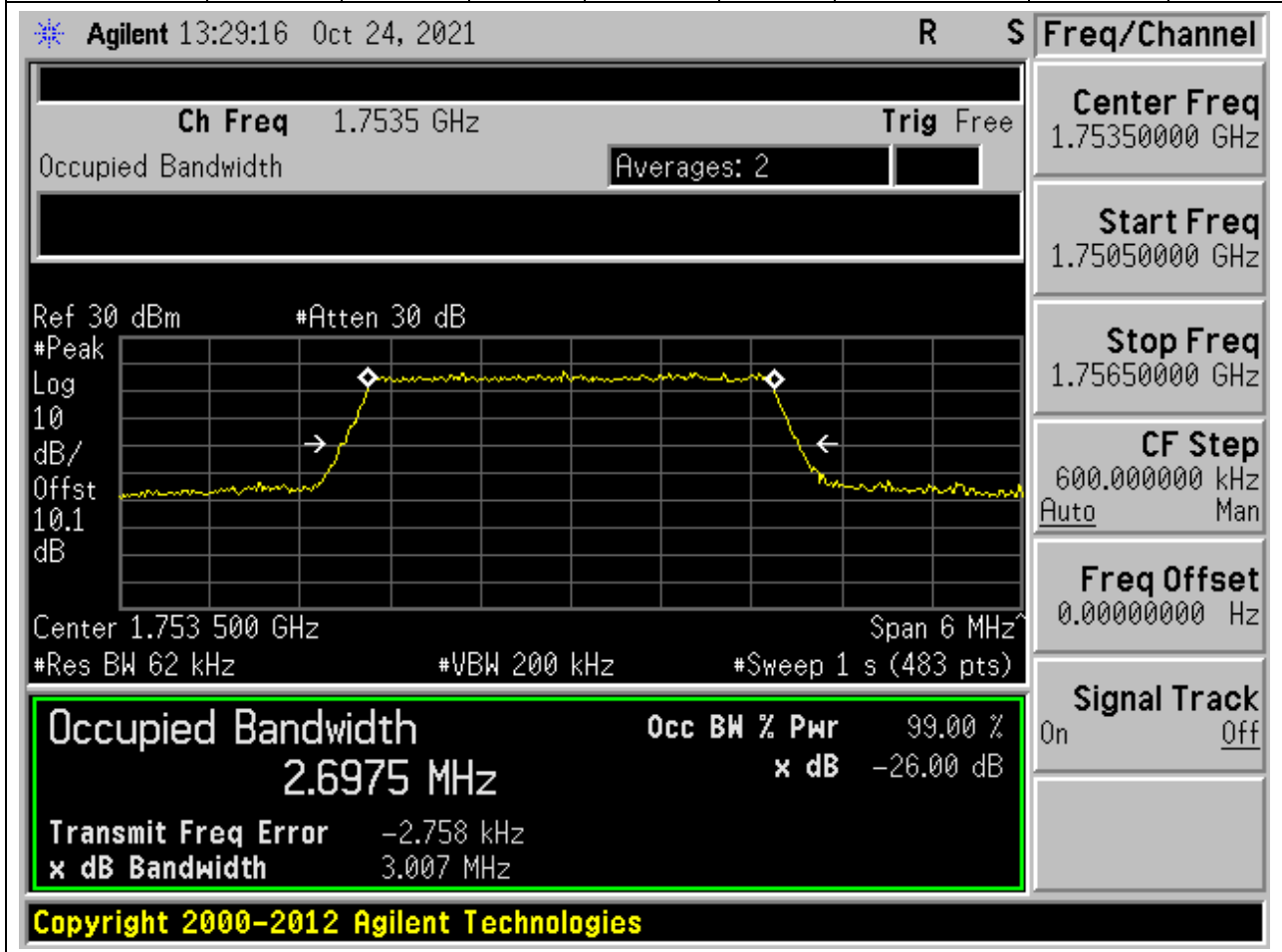
**CF Step** 600.000000 kHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	2.697	3.007	3	Pass



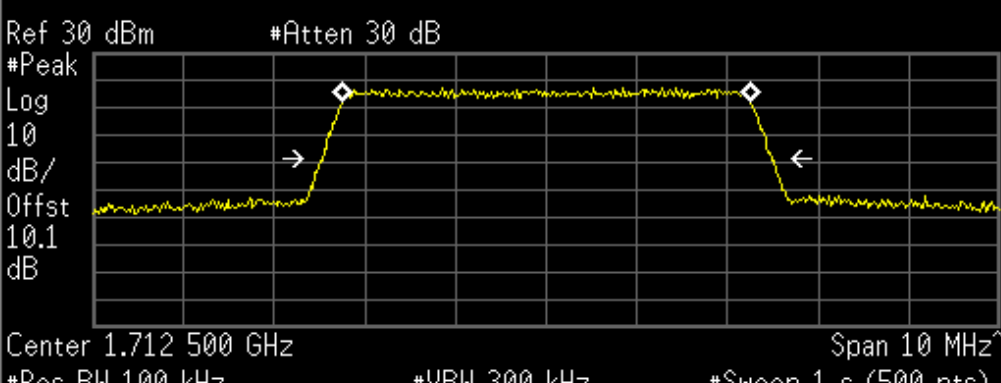
**9.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.508	4.965	5	Pass

Agilent 13:29:33 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



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

4.5075 MHz **x dB** -26.00 dB

**Transmit Freq Error** 915.145 Hz

**x dB Bandwidth** 4.965 MHz

**Freq/Channel**

**Center Freq** 1.71250000 GHz

**Start Freq** 1.70750000 GHz

**Stop Freq** 1.71750000 GHz

**CF Step** 1.00000000 MHz  
Auto Man

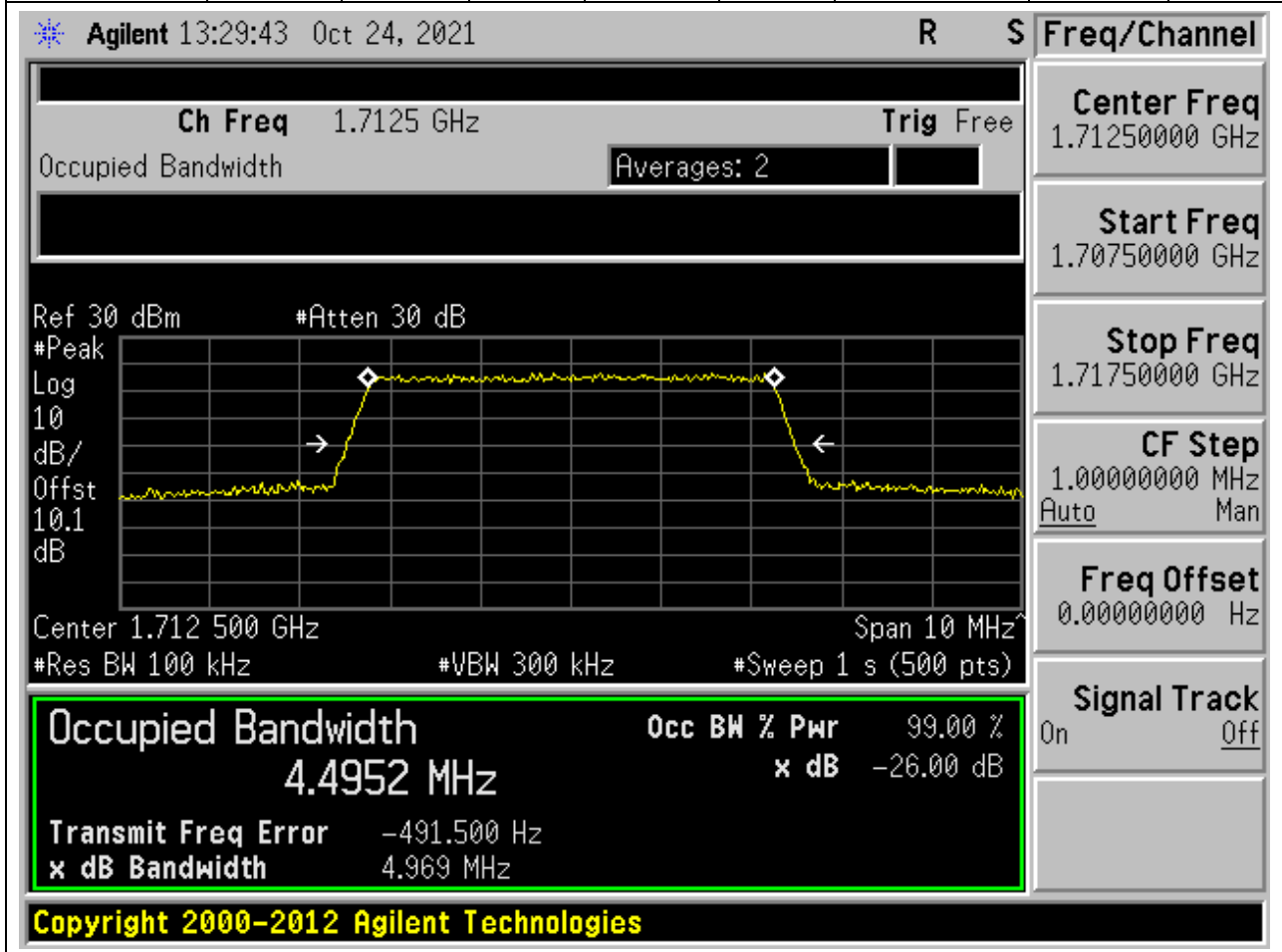
**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.495	4.969	5	Pass





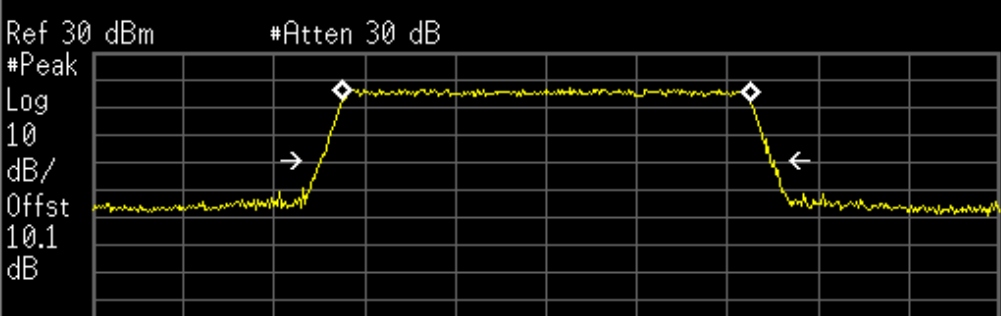
**9.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.5	4.975	5	Pass

Agilent 13:29:55 Oct 24, 2021 R S

**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
10.1  
dB

Center 1.732 500 GHz Span 10 MHz

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

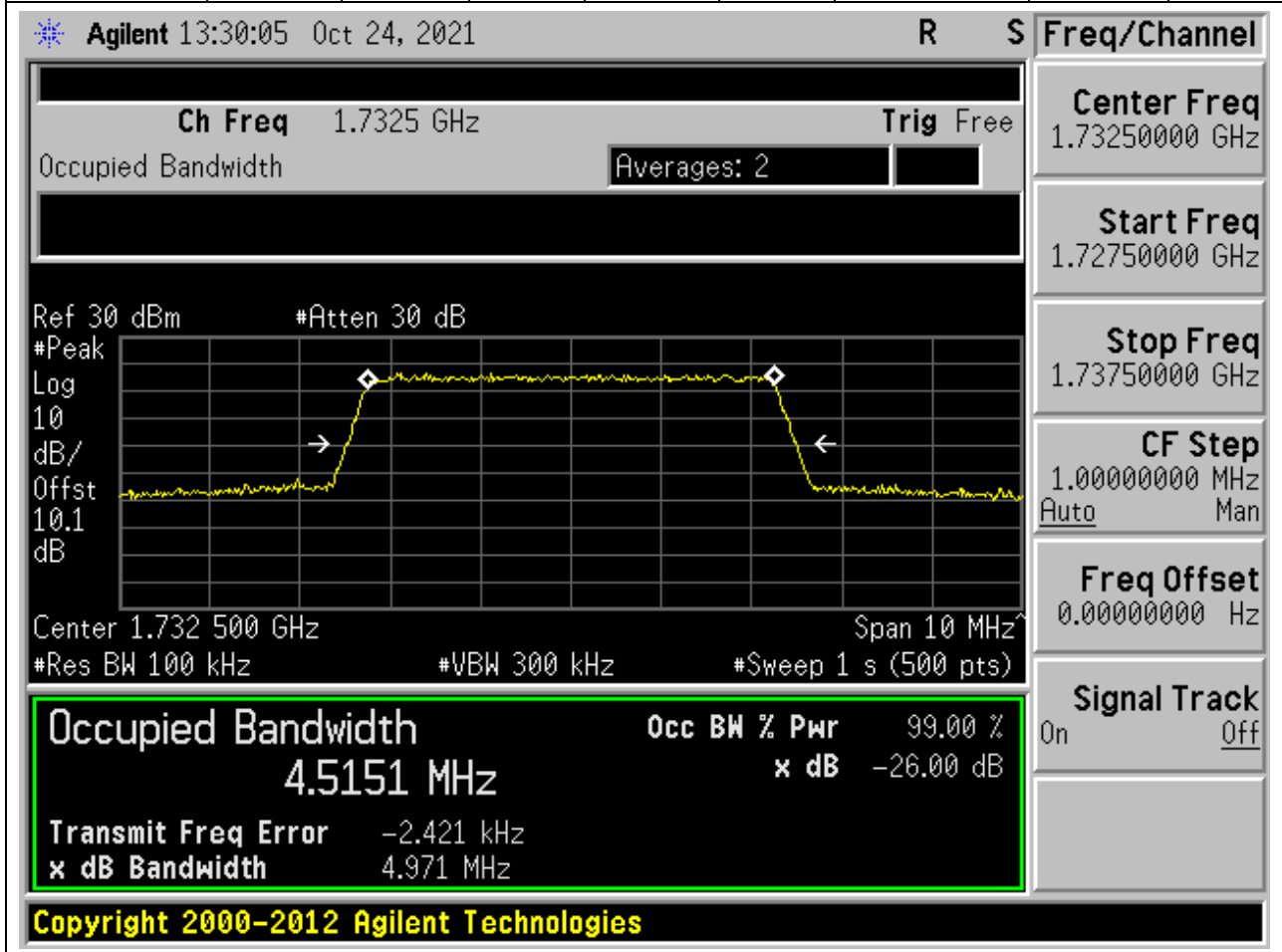
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5003 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.961 kHz	
<b>x dB Bandwidth</b>	4.975 MHz	

**Signal Track**  
On Off

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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	4.515	4.971	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	4.494	4.956	5	Pass

Agilent 13:30:17 Oct 24, 2021 R S

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**Ch Freq** 1.7525 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.1

dB

Center 1.752 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz

#Sweep 1 s (500 pts)

**Freq/Channel**

**Center Freq**  
1.75250000 GHz

**Start Freq**  
1.74750000 GHz

**Stop Freq**  
1.75750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.4936 MHz **x dB** -26.00 dB

**Transmit Freq Error** 2.212 kHz

**x dB Bandwidth** 4.956 MHz

---

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

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	4.499	4.969	5	Pass

Agilent 13:30:27 Oct 24, 2021 R S

---

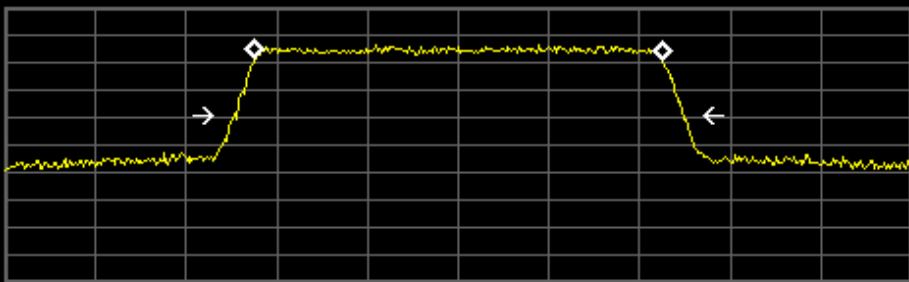
**Ch Freq** 1.7525 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB



Center 1.752 500 GHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
1.75250000 GHz

**Start Freq**  
1.74750000 GHz

**Stop Freq**  
1.75750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.4988 MHz **x dB** -26.00 dB

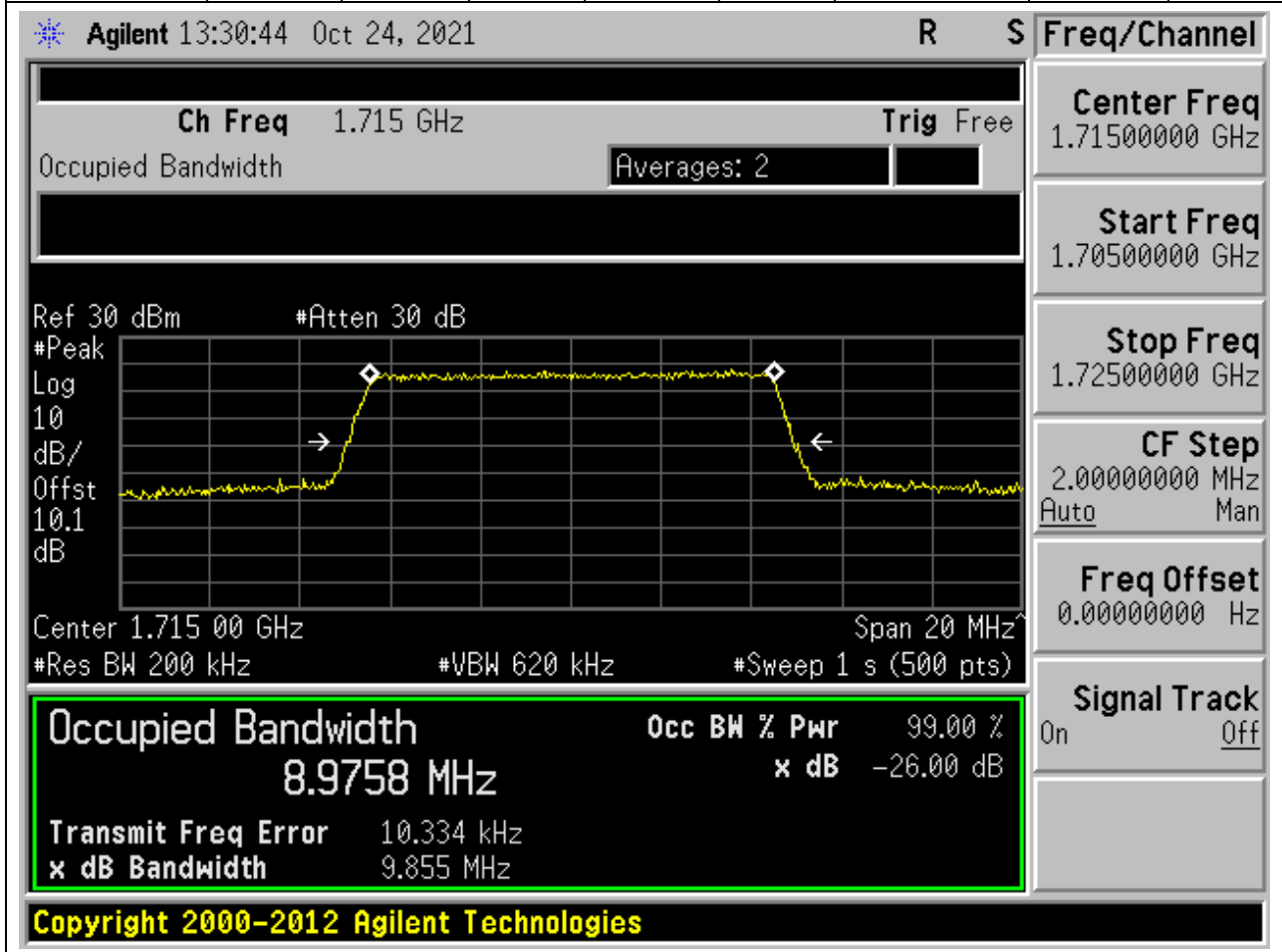
**Transmit Freq Error** 3.250 kHz

**x dB Bandwidth** 4.969 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.976	9.855	10	Pass



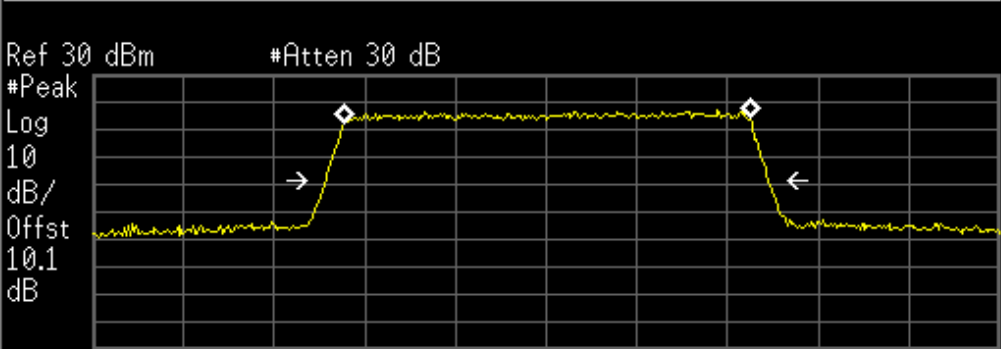
**9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.977	9.795	10	Pass

Agilent 13:30:54 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.715 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>8.9770 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	17.152 kHz	
<b>x dB Bandwidth</b>	9.795 MHz	

**Signal Track**  
On Off

**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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.965	9.785	10	Pass

Agilent 13:31:06 Oct 24, 2021 R S

---

**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

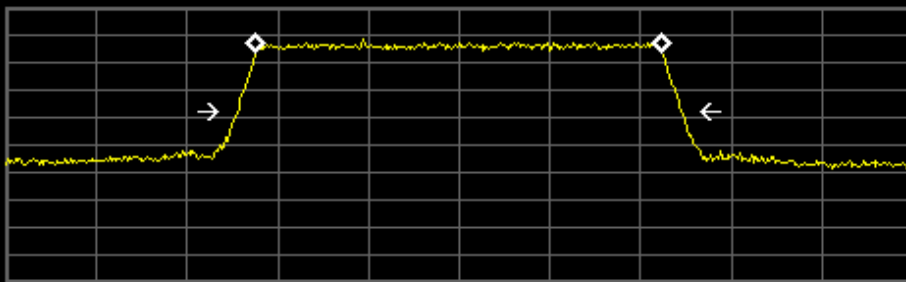
10

dB/

Offst

10.1

dB



Center 1.732 50 GHz Span 20 MHz

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

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.72250000 GHz

**Stop Freq**  
1.74250000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

8.9650 MHz **x dB** -26.00 dB

**Transmit Freq Error** -6.035 kHz

**x dB Bandwidth** 9.785 MHz

---

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.967	9.822	10	Pass

Agilent 13:31:16 Oct 24, 2021 R S

---

**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

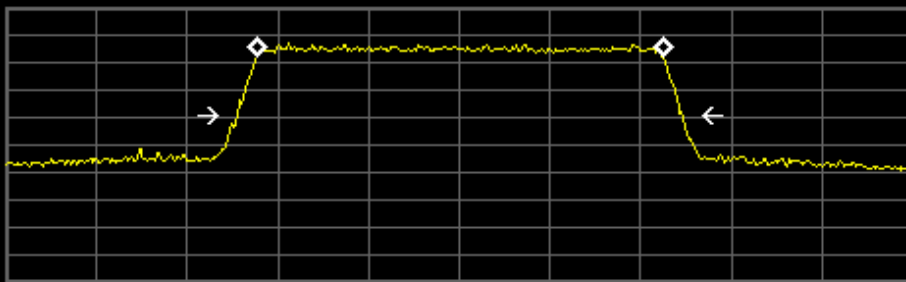
10

dB/

Offst

10.1

dB



Center 1.732 50 GHz Span 20 MHz

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

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.72250000 GHz

**Stop Freq**  
1.74250000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9668 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 5.730 kHz

**x dB Bandwidth** 9.822 MHz

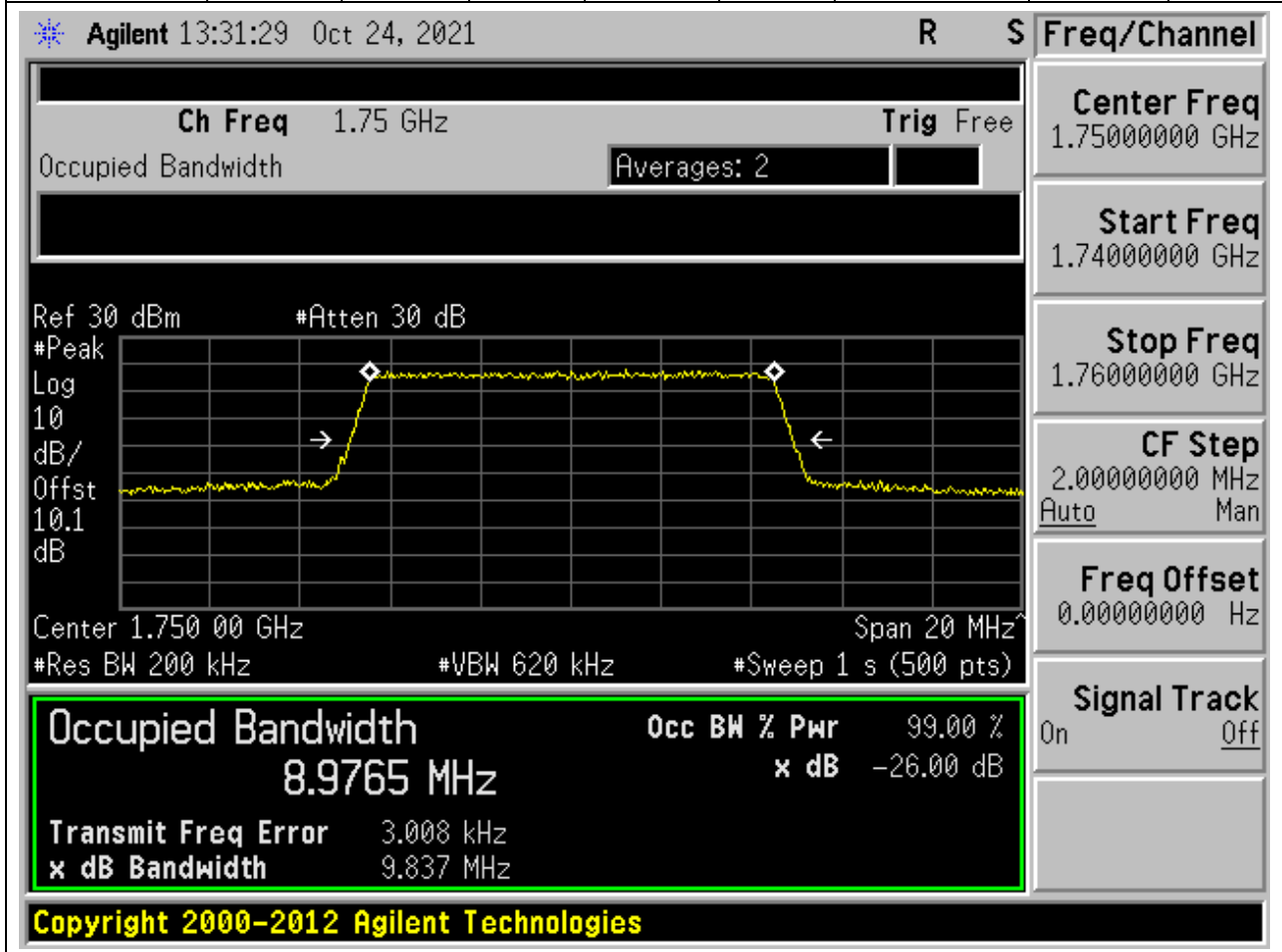
---

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.976	9.837	10	Pass



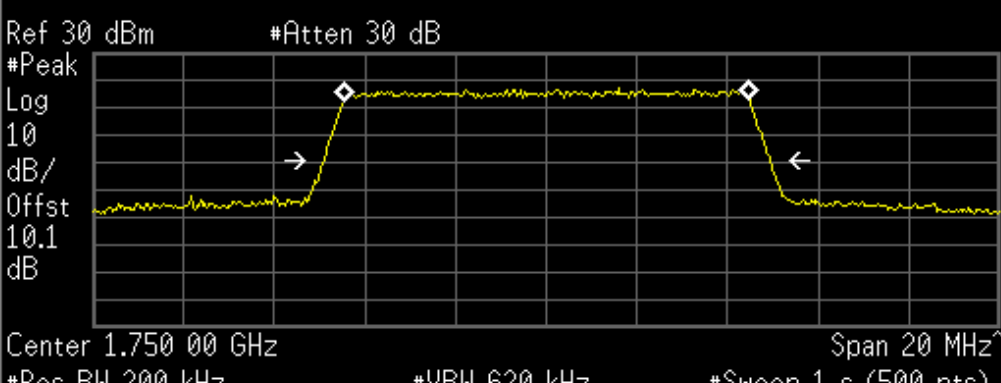
**9.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.964	9.858	10	Pass

Agilent 13:31:39 Oct 24, 2021 R S

**Ch Freq** 1.75 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.750 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>8.9636 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	1.510 kHz	
<b>x dB Bandwidth</b>	9.858 MHz	

**Signal Track**  
On Off

**Freq/Channel**

**Center Freq**  
1.75000000 GHz

**Start Freq**  
1.74000000 GHz

**Stop Freq**  
1.76000000 GHz

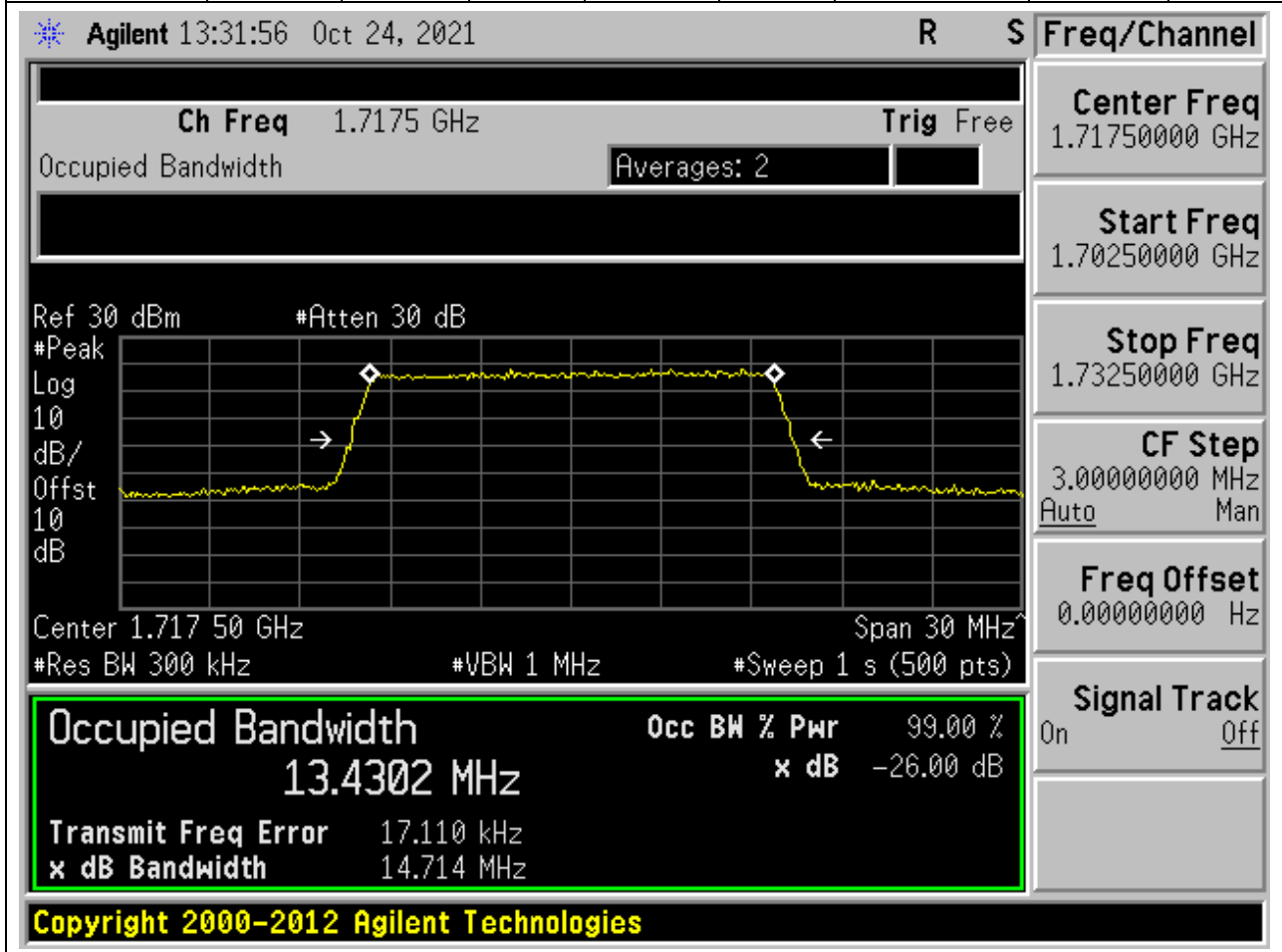
**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

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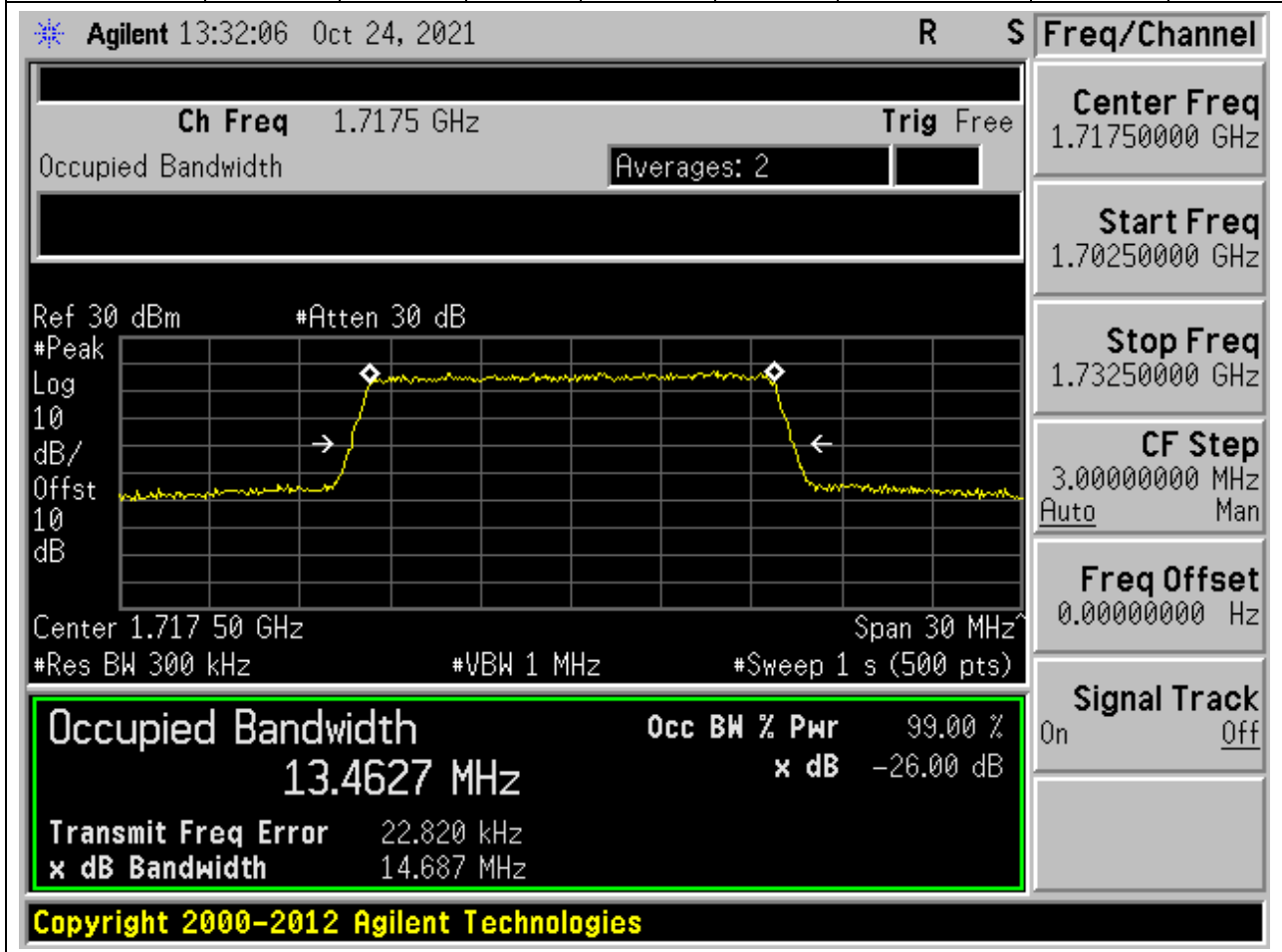
**9.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.43	14.714	15	Pass



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	13.463	14.687	15	Pass



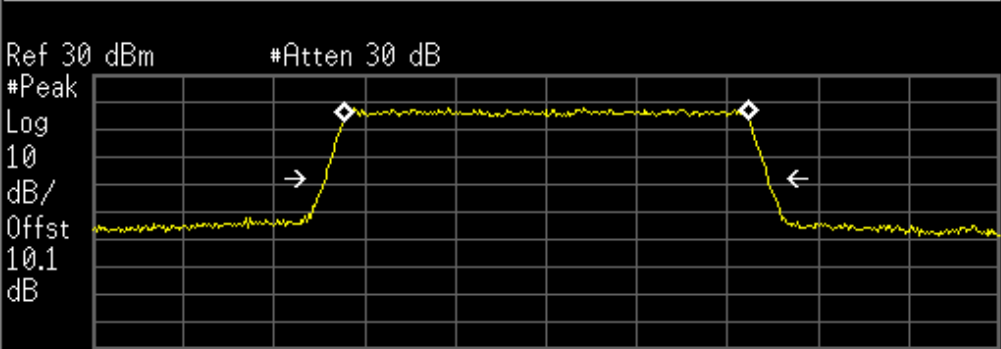
**9.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.423	14.693	15	Pass

Agilent 13:32:18 Oct 24, 2021 R S

**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.732 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>13.4227 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.042 kHz	
<b>x dB Bandwidth</b>	14.693 MHz	

**Signal Track**  
On Off

**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.71750000 GHz

**Stop Freq**  
1.74750000 GHz

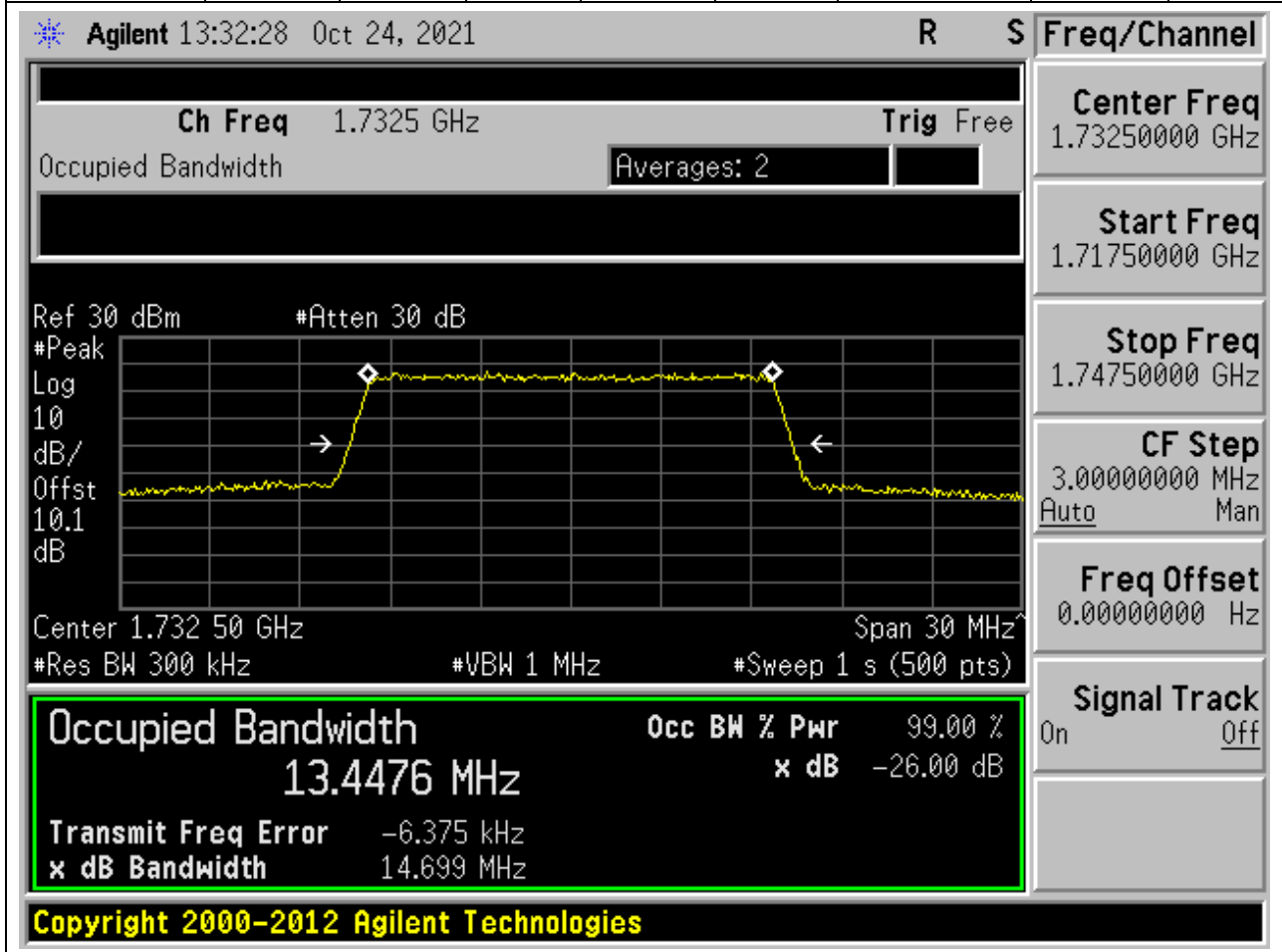
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.448	14.699	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	13.432	14.701	15	Pass

Agilent 13:32:40 Oct 24, 2021 R S

---

**Ch Freq** 1.7475 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

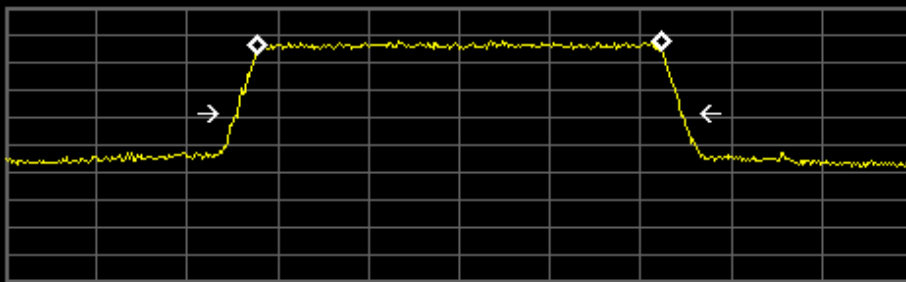
10

dB/

Offst

10.1

dB



Center 1.747 50 GHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
1.74750000 GHz

**Start Freq**  
1.73250000 GHz

**Stop Freq**  
1.76250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4319 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.308 kHz

**x dB Bandwidth** 14.701 MHz

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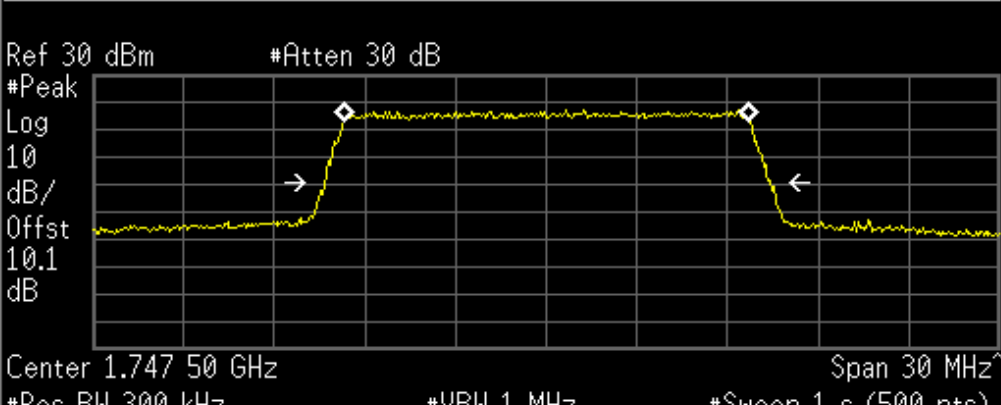
**9.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.45	14.746	15	Pass

Agilent 13:32:50 Oct 24, 2021 R S

**Ch Freq** 1.7475 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.747 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>13.4504 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	10.221 kHz	
<b>x dB Bandwidth</b>	14.746 MHz	

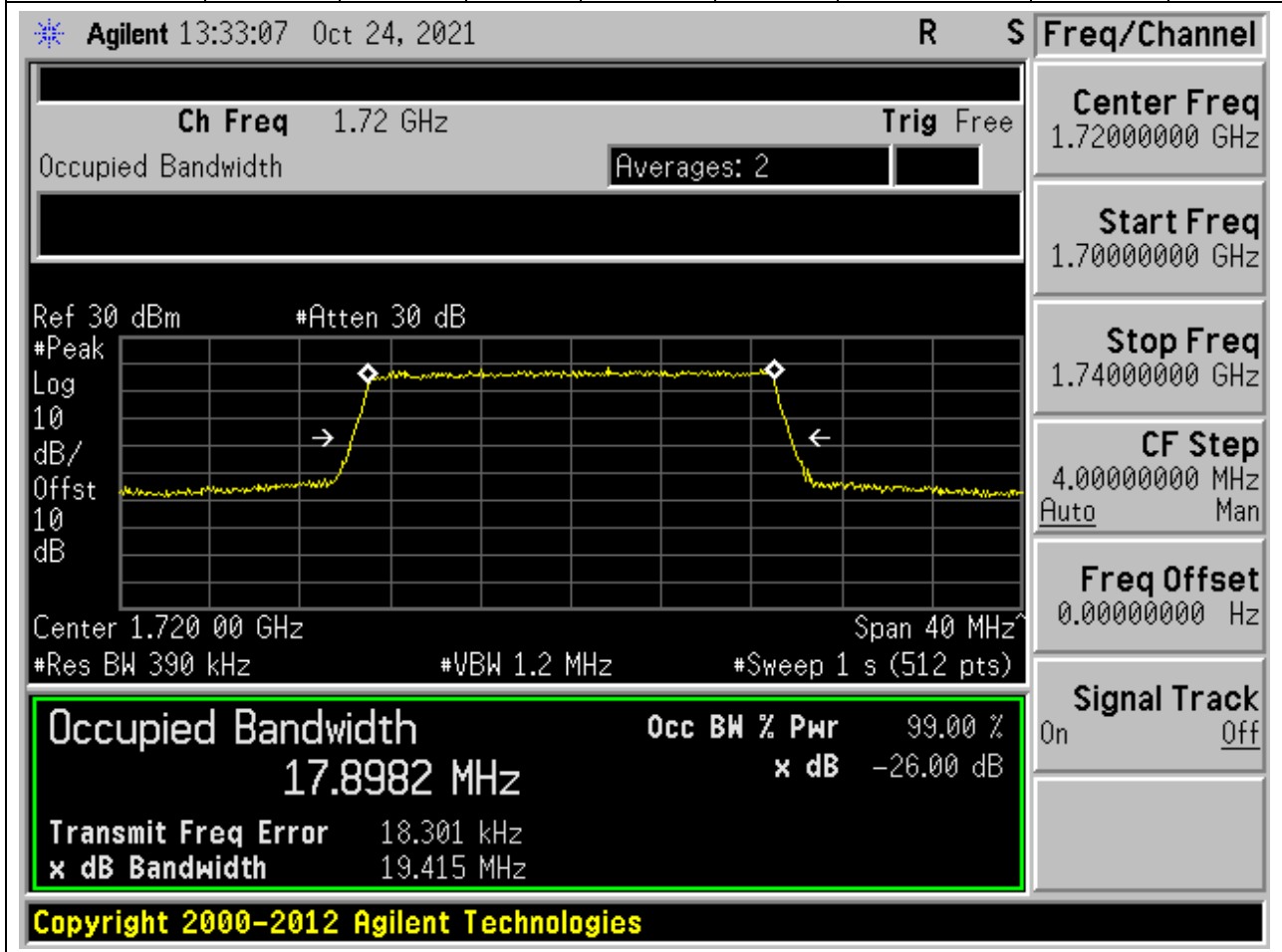
**Signal Track**  
On Off

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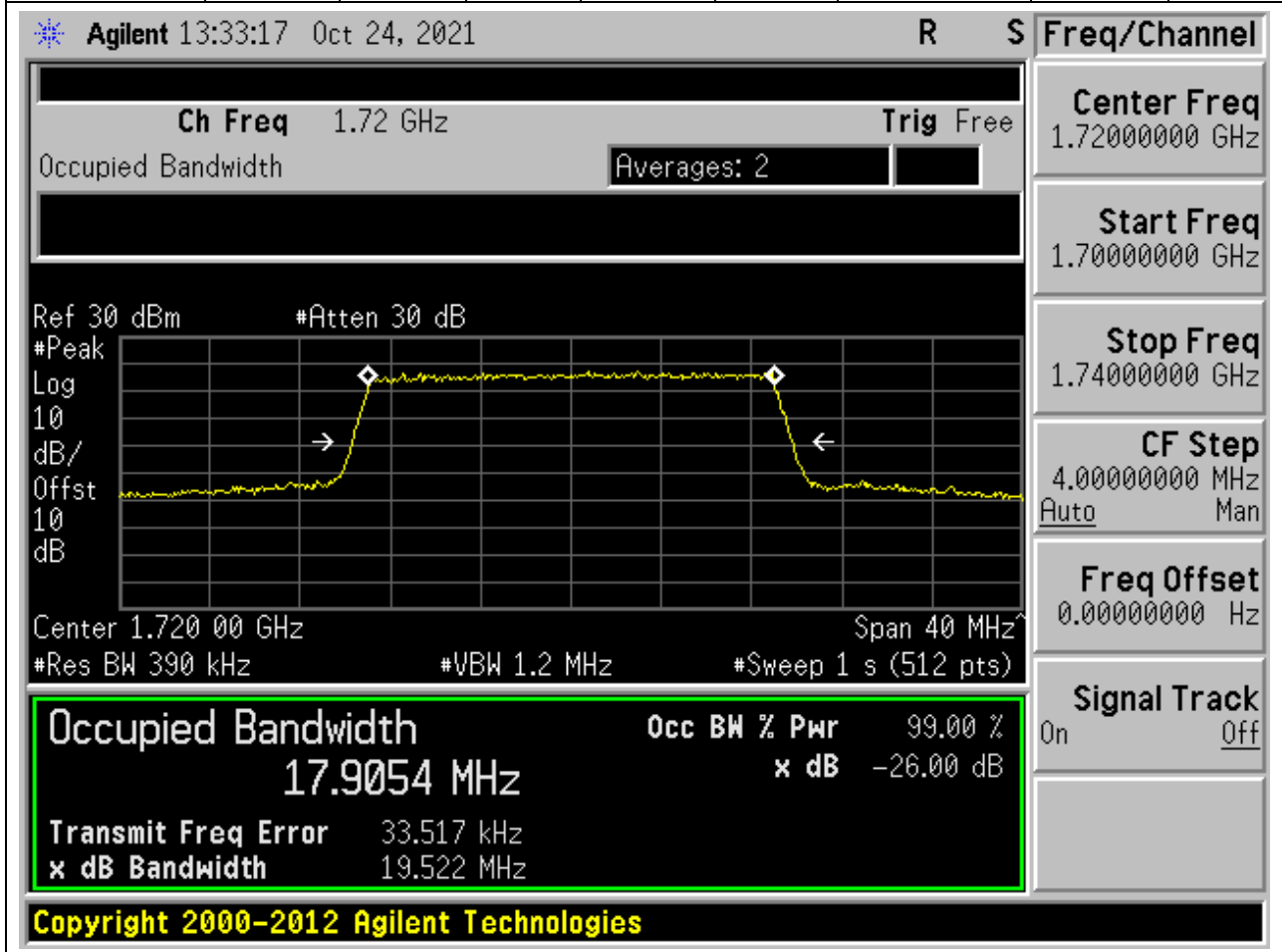
**9.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.898	19.415	20	Pass



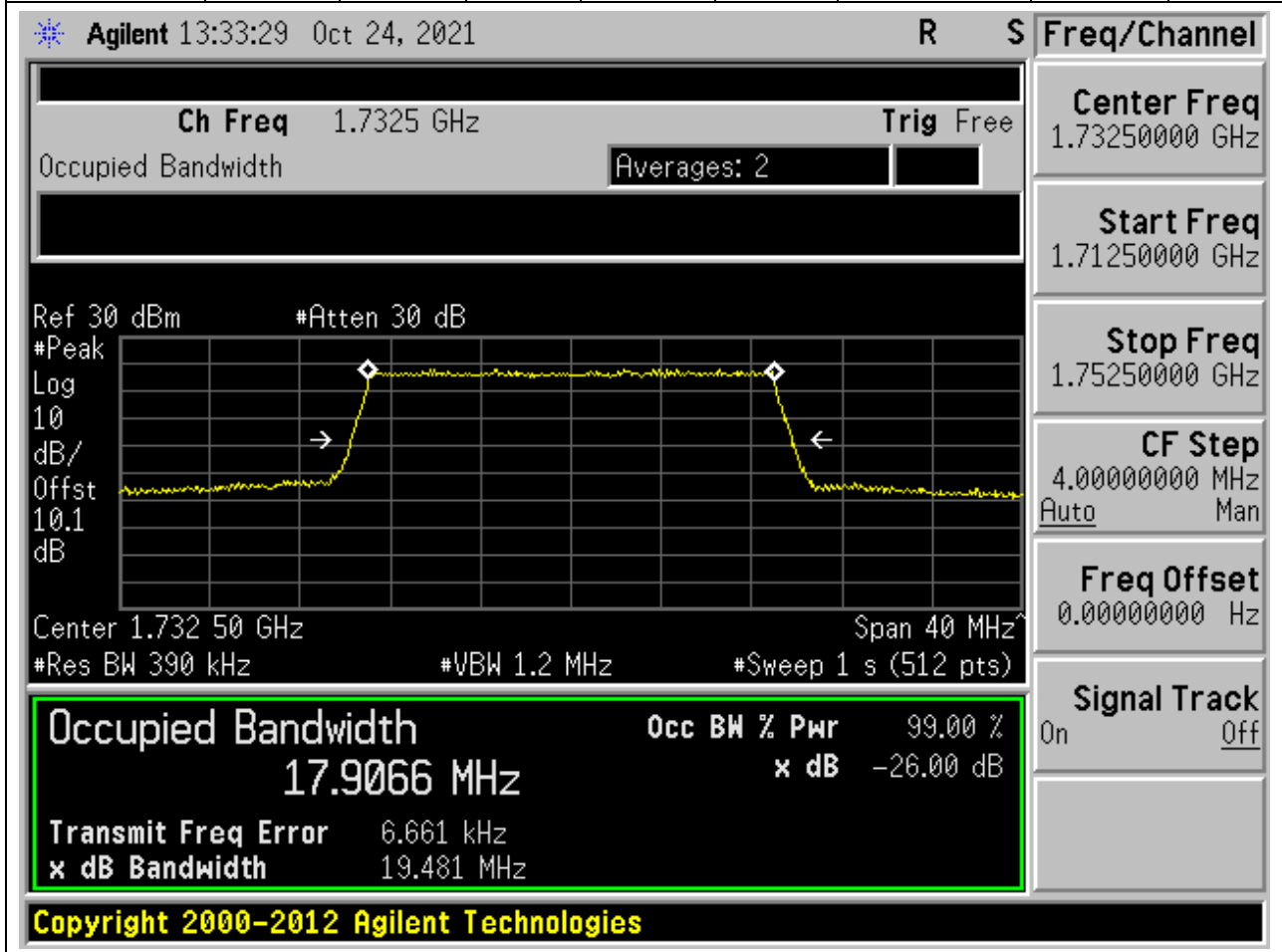
**9.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.905	19.522	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	17.907	19.481	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	17.924	19.49	20	Pass

Agilent 13:33:39 Oct 24, 2021 R S

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**Ch Freq** 1.7325 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

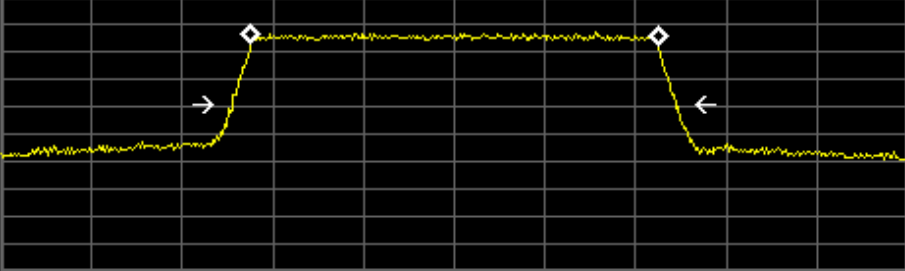
10

dB/

Offst

10.1

dB



Center 1.732 50 GHz Span 40 MHz

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

**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.71250000 GHz

**Stop Freq**  
1.75250000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**17.9243 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.273 kHz

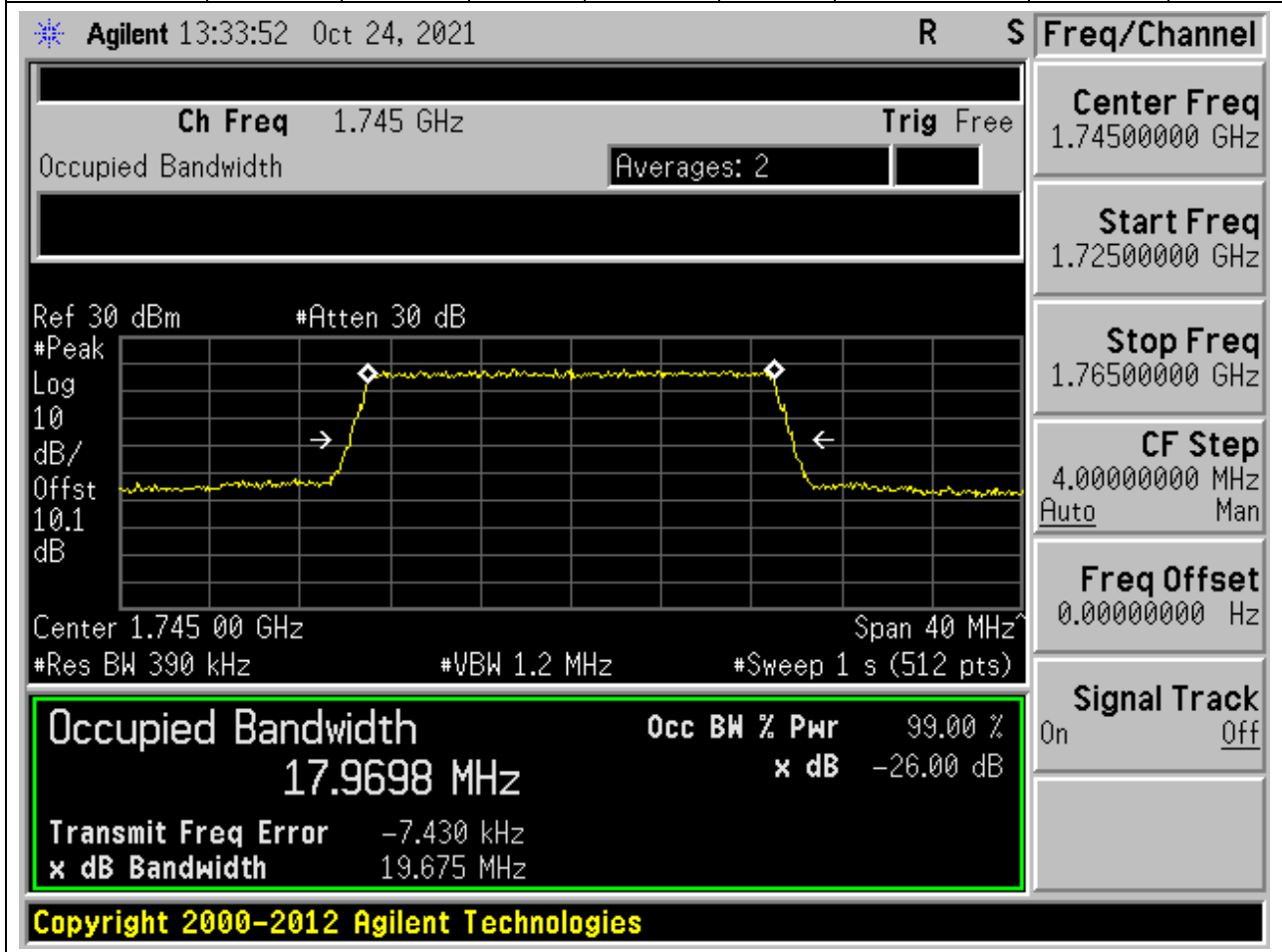
**x dB Bandwidth** 19.490 MHz

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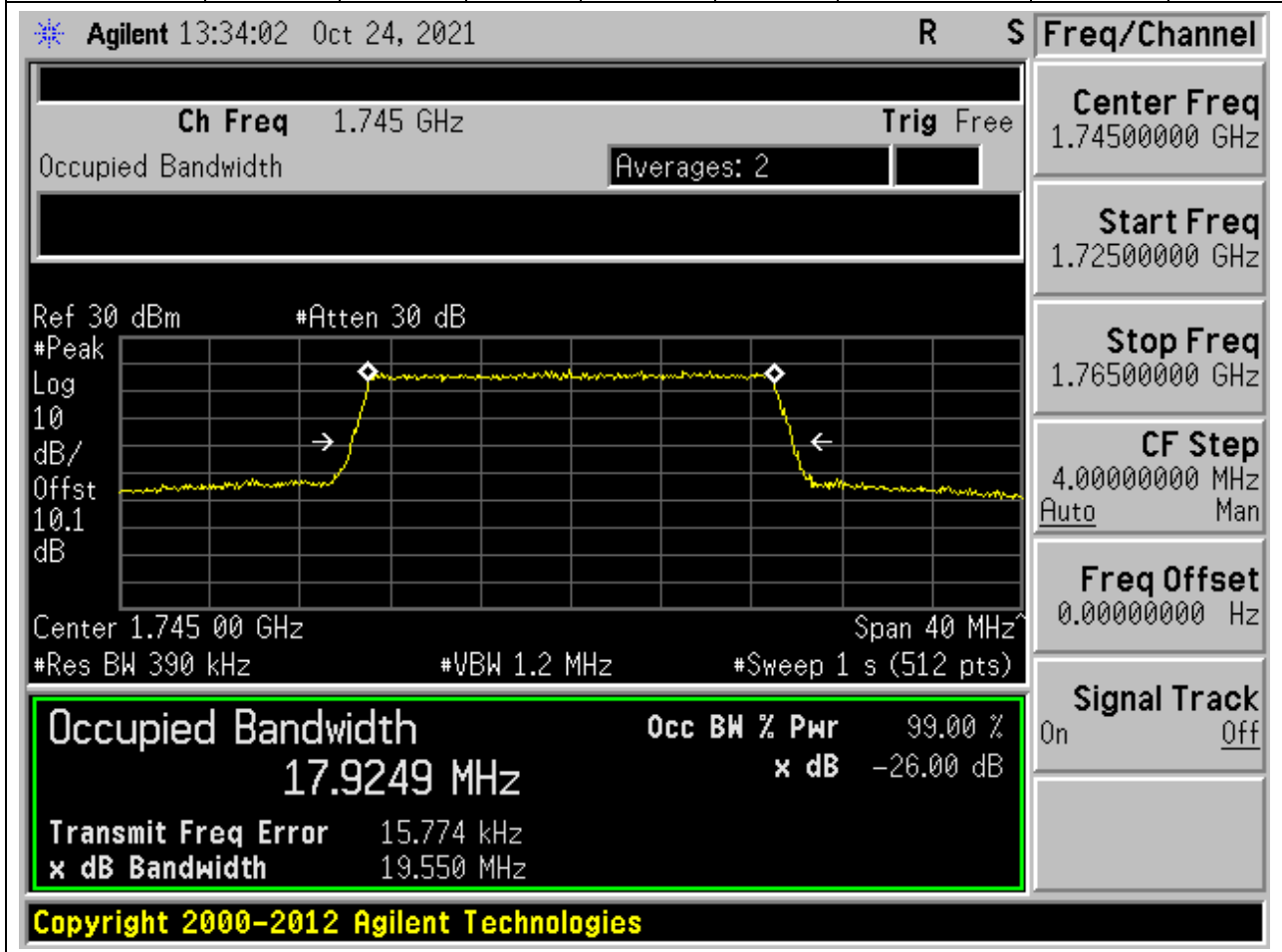
**9.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.97	19.675	20	Pass



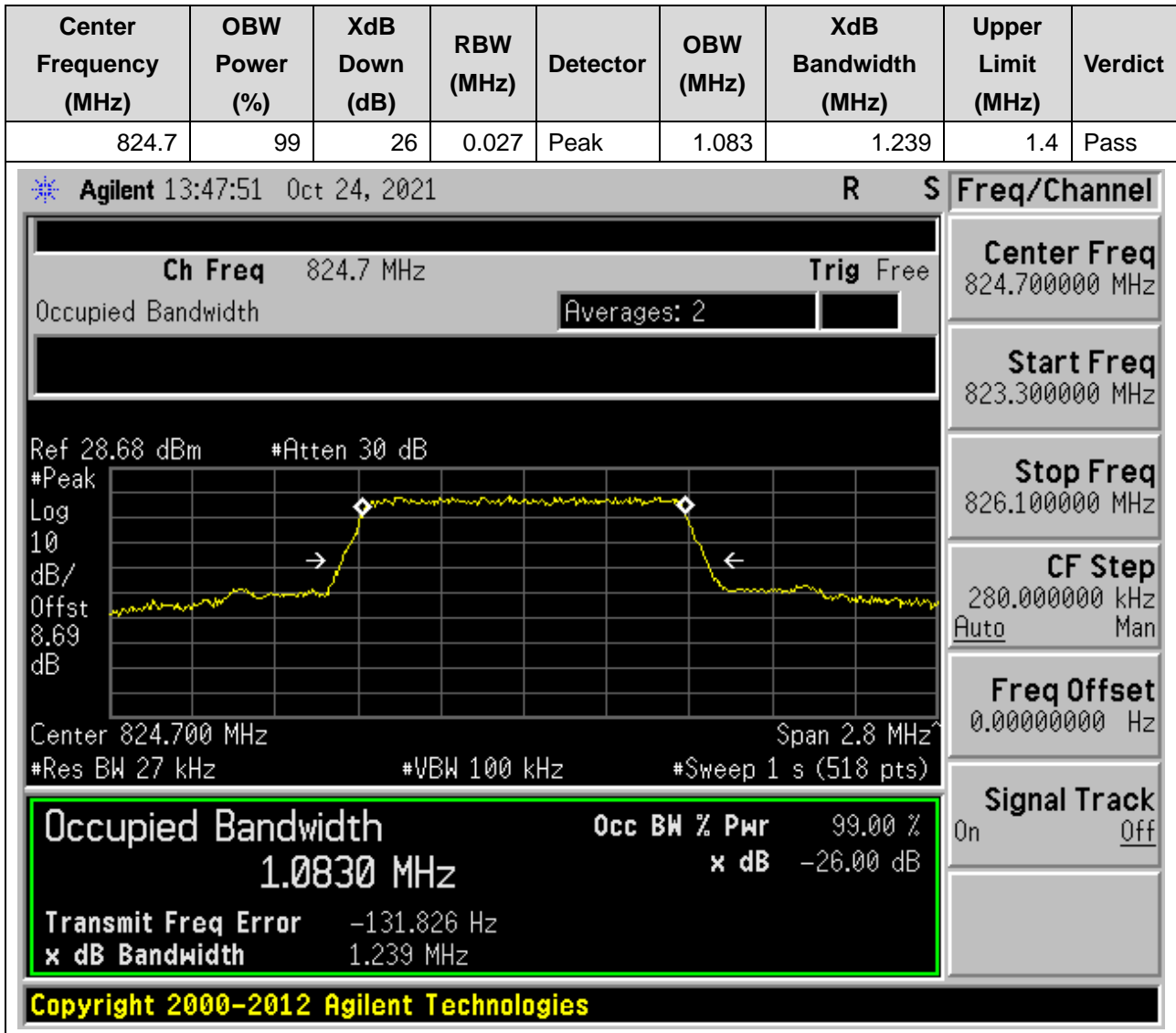
**9.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.925	19.55	20	Pass



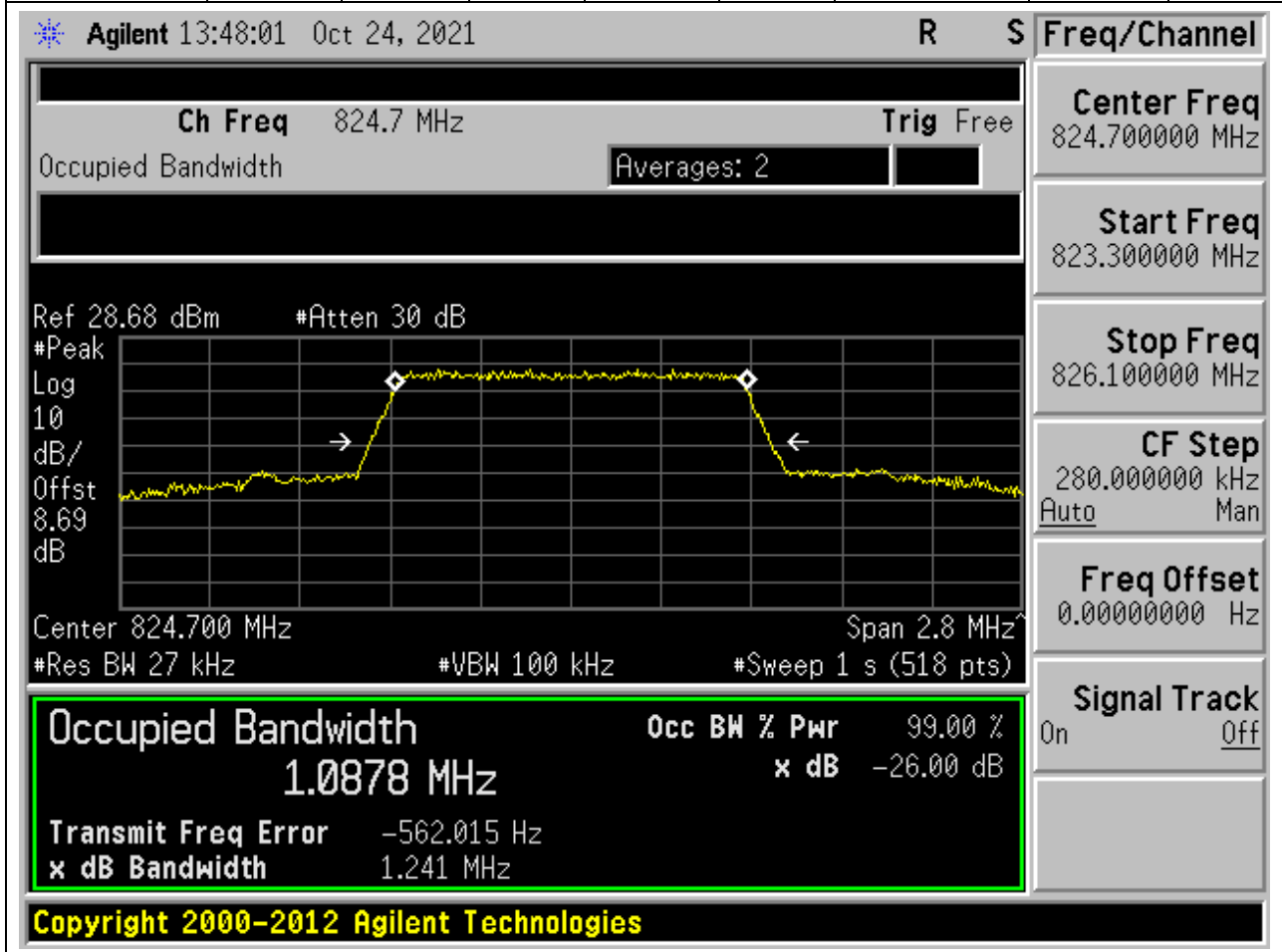
## 10. LTE\_Band5

### 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	1.088	1.241	1.4	Pass





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

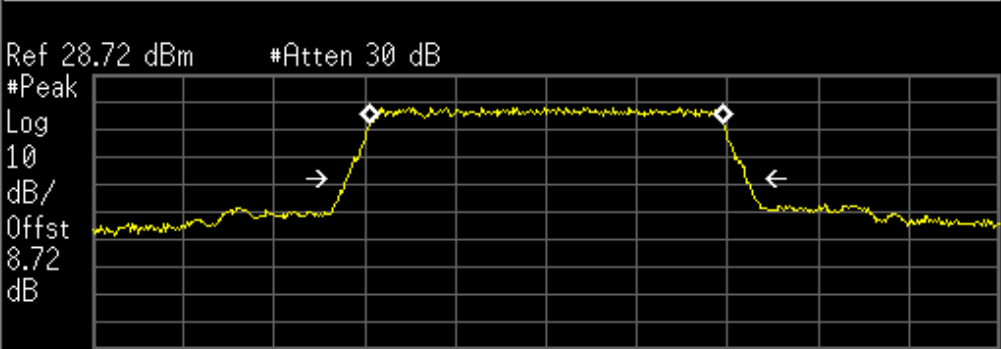
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.086	1.238	1.4	Pass

Agilent 13:48:13 Oct 24, 2021 R S

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**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 836.500 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
835.100000 MHz

**Stop Freq**  
837.900000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**1.0861 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 1.426 kHz

**x dB Bandwidth** 1.238 MHz

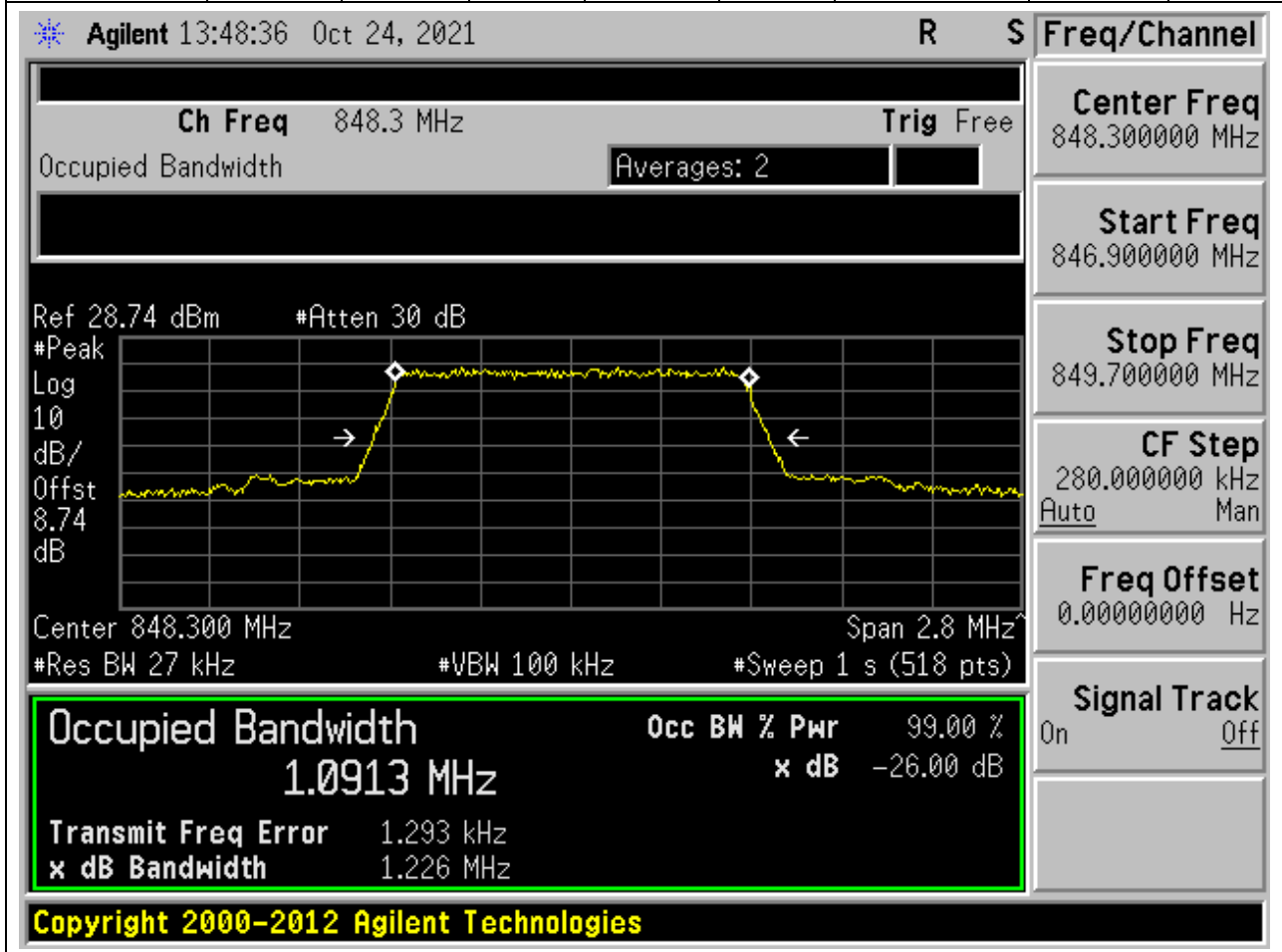
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**10.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**



**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	1.091	1.226	1.4	Pass



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

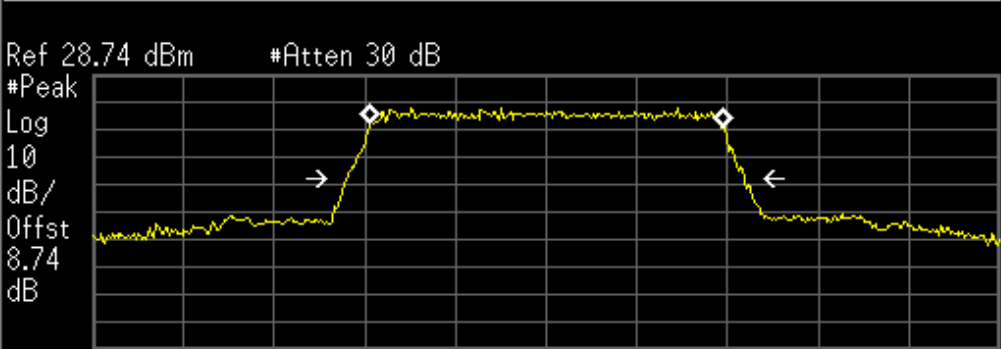
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.089	1.228	1.4	Pass

Agilent 13:48:46 Oct 24, 2021 R S

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**Ch Freq** 848.3 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 848.300 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
848.300000 MHz

**Start Freq**  
846.900000 MHz

**Stop Freq**  
849.700000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**1.0887 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 854.329 Hz

**x dB Bandwidth** 1.228 MHz

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

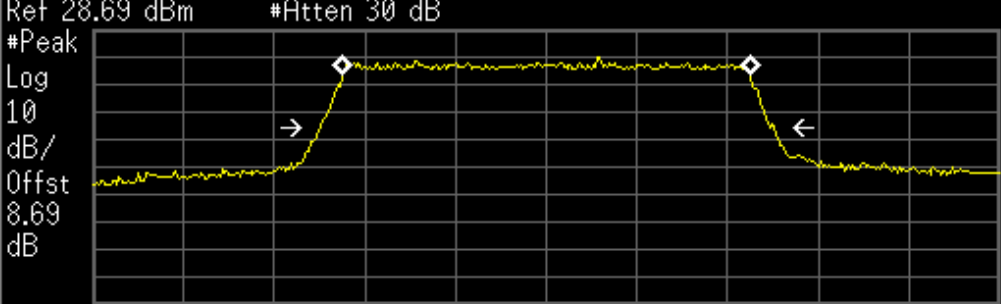
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.699	3.007	3	Pass

Agilent 13:49:01 Oct 24, 2021 R 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 %

2.6991 MHz **x dB** -26.00 dB

**Transmit Freq Error** -2.658 kHz

**x dB Bandwidth** 3.007 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	2.699	3.01	3	Pass

Agilent 13:49:11 Oct 24, 2021 R S

---

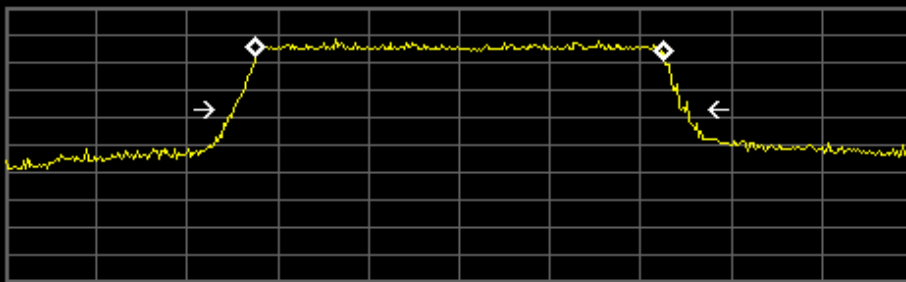
**Ch Freq** 825.5 MHz **Trig** Free

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 %
<b>2.6992 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.164 kHz	
<b>x dB Bandwidth</b>	3.010 MHz	

---

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**Freq/Channel**

**Center Freq** 825.500000 MHz

**Start Freq** 822.500000 MHz

**Stop Freq** 828.500000 MHz

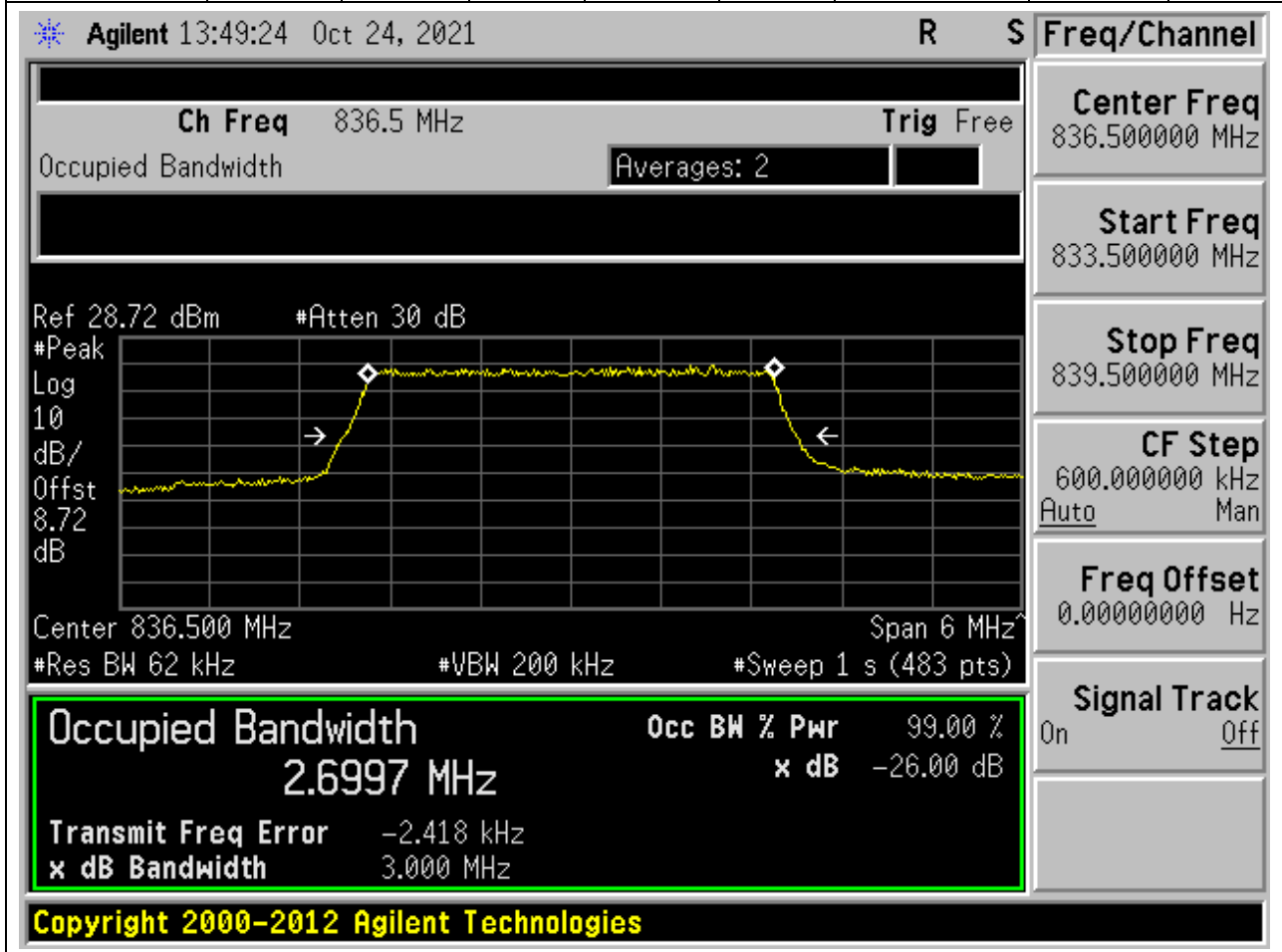
**CF Step** 600.000000 kHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	2.7	3	3	Pass



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

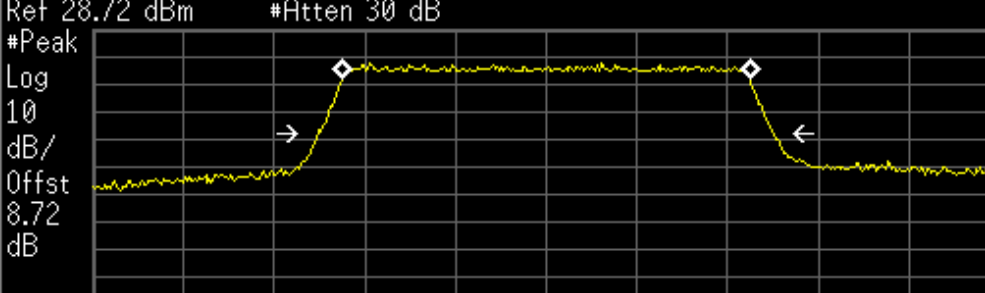
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.699	3.004	3	Pass

Agilent 13:49:34 Oct 24, 2021 R 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 836.500 MHz Span 6 MHz

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

**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

---

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

**2.6990 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.004 kHz

**x dB Bandwidth** 3.004 MHz

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

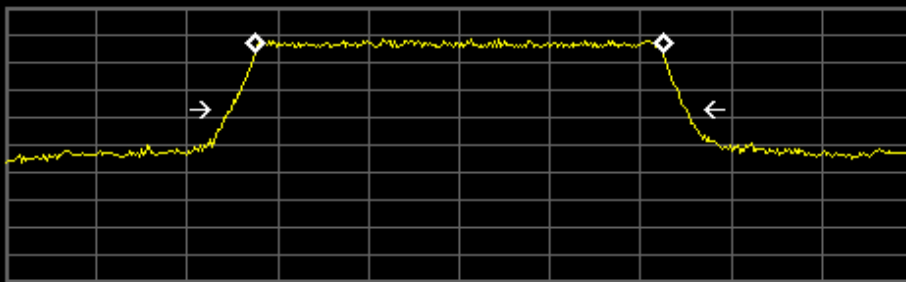
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.7	3.011	3	Pass

Agilent 13:49:46 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 847.500 MHz Span 6 MHz

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

**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

---

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

**2.6997 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.136 kHz

**x dB Bandwidth** 3.011 MHz

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

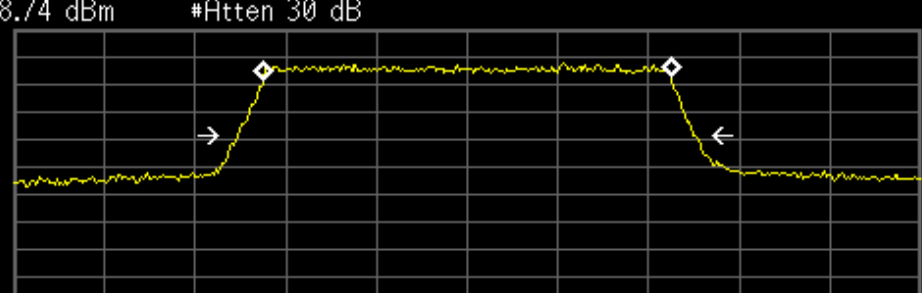
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.696	3.011	3	Pass

Agilent 13:49:56 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 847.500 MHz Span 6 MHz

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

**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

---

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

2.6961 MHz **x dB** -26.00 dB

**Transmit Freq Error** -1.973 kHz

**x dB Bandwidth** 3.011 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.508	5	5	Pass

Agilent 13:50:11 Oct 24, 2021 R S

---

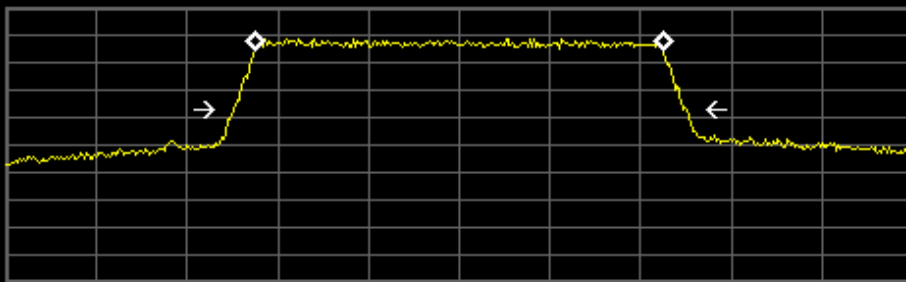
**Ch Freq** 826.5 MHz **Trig** Free

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 %

4.5076 MHz **x dB** -26.00 dB

**Transmit Freq Error** -4.457 kHz

**x dB Bandwidth** 5.000 MHz

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

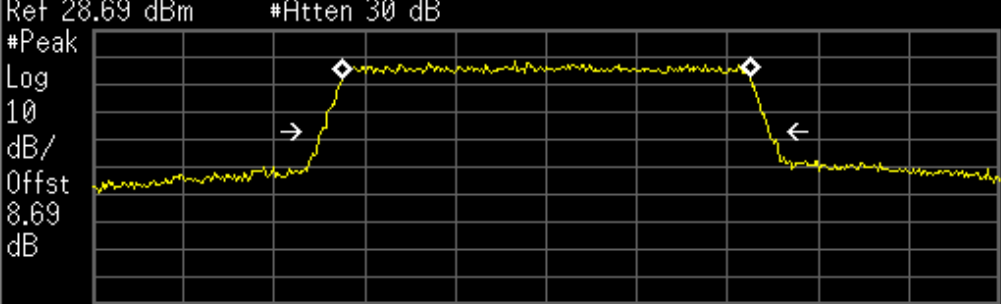
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.497	4.948	5	Pass

Agilent 13:50:21 Oct 24, 2021 R S

---

**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)

**Freq/Channel**

**Center Freq**  
826.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
831.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.4975 MHz **x dB** -26.00 dB

**Transmit Freq Error** -2.017 kHz

**x dB Bandwidth** 4.948 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)**

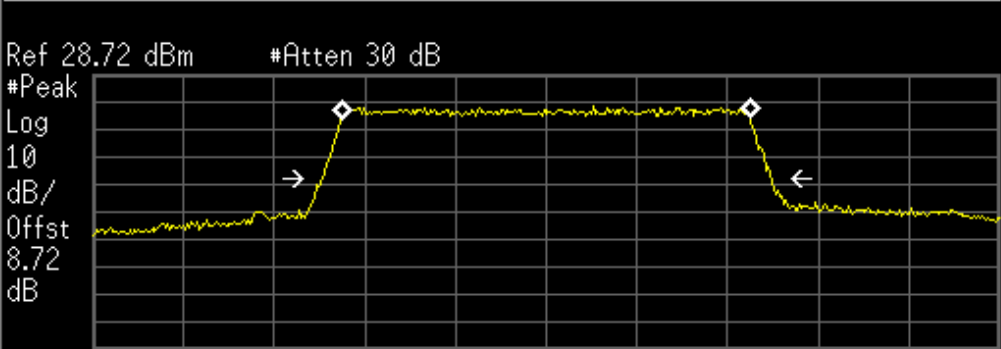
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.505	4.972	5	Pass

Agilent 13:50:34 Oct 24, 2021 R 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 836.500 MHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
831.500000 MHz

**Stop Freq**  
841.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**4.5046 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -6.828 kHz

**x dB Bandwidth** 4.972 MHz

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

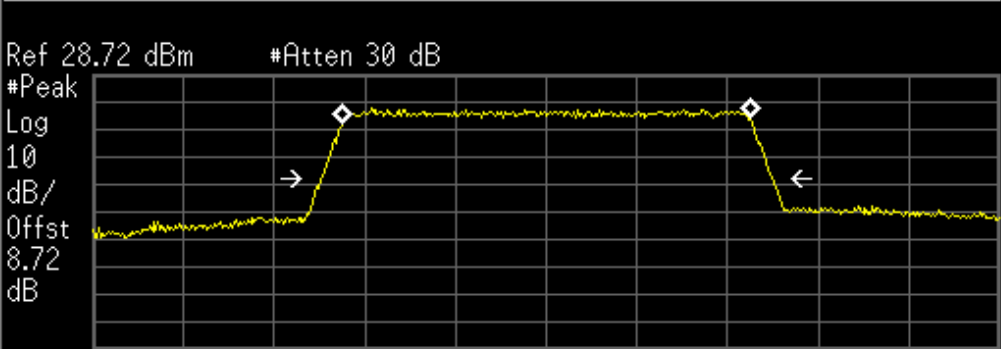
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.513	4.988	5	Pass

Agilent 13:50:44 Oct 24, 2021 R 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 836.500 MHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
831.500000 MHz

**Stop Freq**  
841.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.5126 MHz **x dB** -26.00 dB

**Transmit Freq Error** 2.135 kHz

**x dB Bandwidth** 4.988 MHz

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

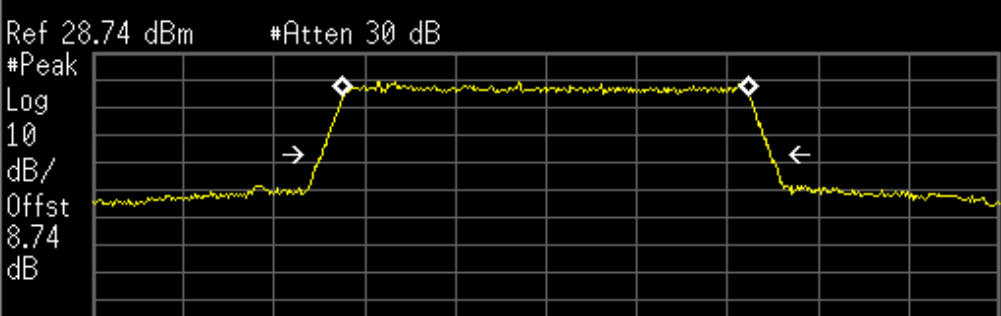
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.491	4.947	5	Pass

Agilent 13:50:56 Oct 24, 2021 R 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)

**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

---

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

4.4914 MHz **x dB** -26.00 dB

**Transmit Freq Error** -1.807 kHz

**x dB Bandwidth** 4.947 MHz

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

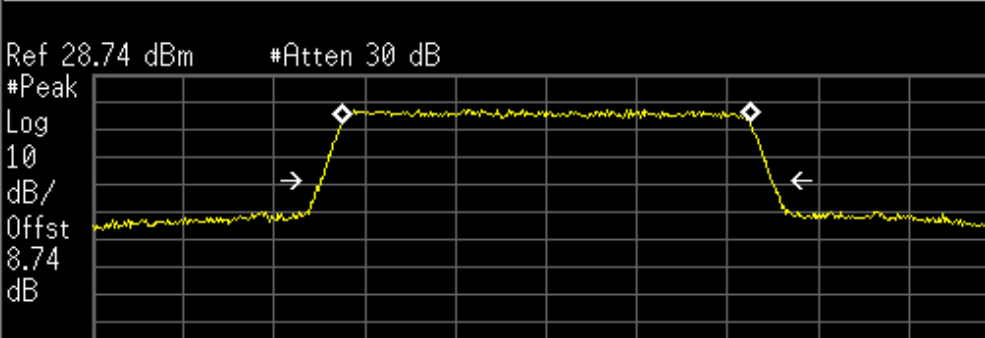
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.503	4.99	5	Pass

Agilent 13:51:06 Oct 24, 2021 R 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)

**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

---

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

**4.5032 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.881 kHz

**x dB Bandwidth** 4.990 MHz

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

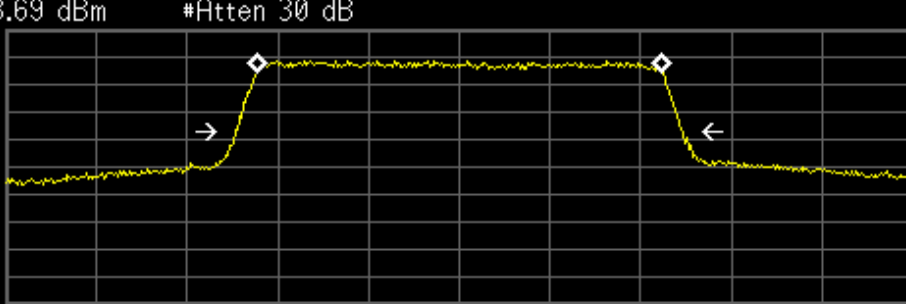
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.975	9.886	10	Pass

Agilent 13:51:21 Oct 24, 2021 R S

---

**Ch Freq** 829 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.69 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.69 dB

Center 829.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
829.000000 MHz

**Start Freq**  
819.000000 MHz

**Stop Freq**  
839.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9755 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.063 kHz

**x dB Bandwidth** 9.886 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.968	9.801	10	Pass

Agilent 13:51:32 Oct 24, 2021 R S

---

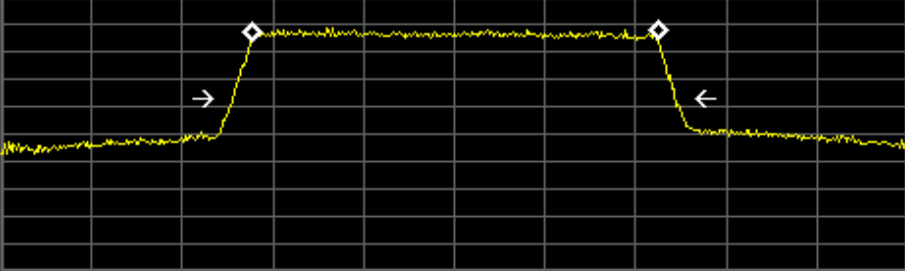
**Ch Freq** 829 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.69 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.69 dB



Center 829.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
829.000000 MHz

**Start Freq**  
819.000000 MHz

**Stop Freq**  
839.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9678 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.385 kHz

**x dB Bandwidth** 9.801 MHz

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

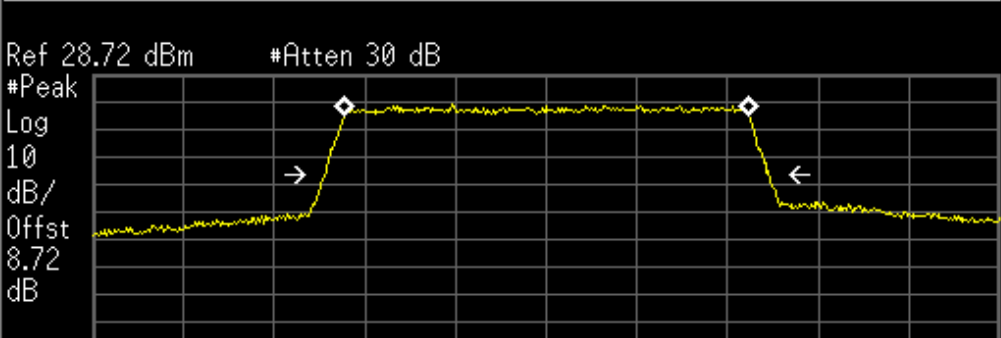
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.961	9.841	10	Pass

Agilent 13:51:44 Oct 24, 2021 R 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 20 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
846.500000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9613 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.976 kHz

**x dB Bandwidth** 9.841 MHz

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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	8.965	9.849	10	Pass

Agilent 13:51:54 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
846.500000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

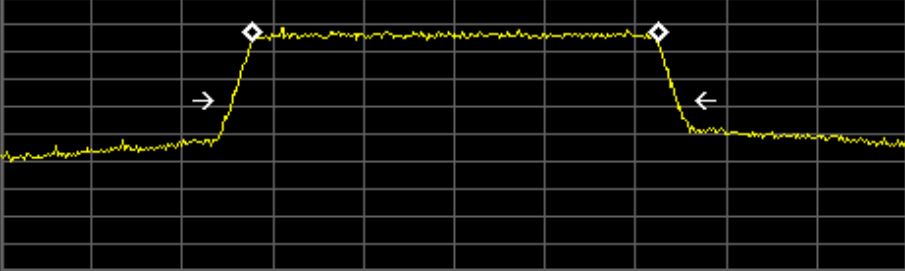
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 28.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB



Center 836.50 MHz Span 20 MHz

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

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

**8.9651 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 9.270 kHz

**x dB Bandwidth** 9.849 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.961	9.828	10	Pass

Agilent 13:52:06 Oct 24, 2021 R 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

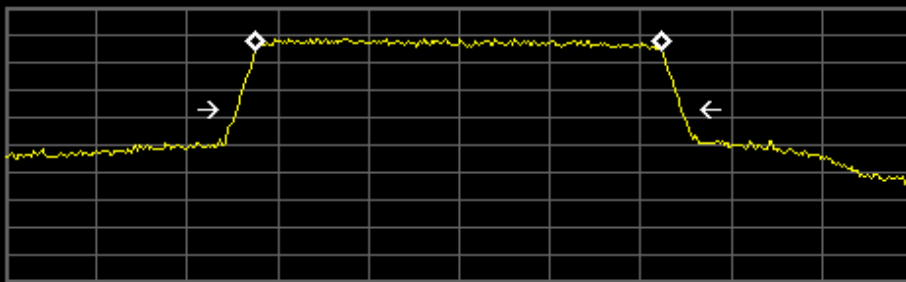
**Freq Offset**  
0.00000000 Hz

**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** **Occ BW % Pwr** 99.00 %

**8.9605 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -12.393 kHz

**x dB Bandwidth** 9.828 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)**

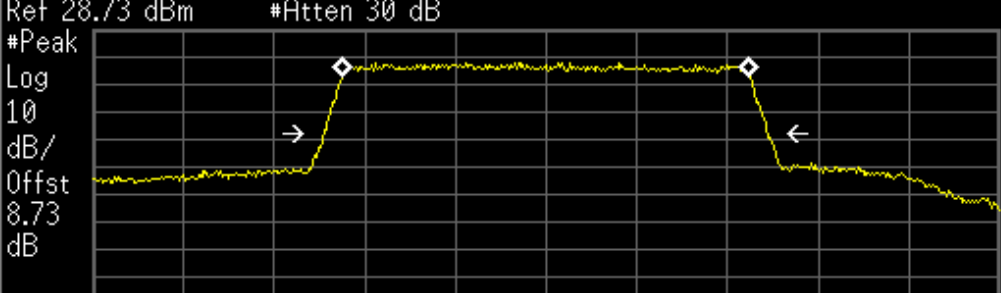
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.962	9.817	10	Pass

Agilent 13:52:16 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



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)

**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

**Stop Freq**  
854.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9624 MHz** **x dB** -26.00 dB

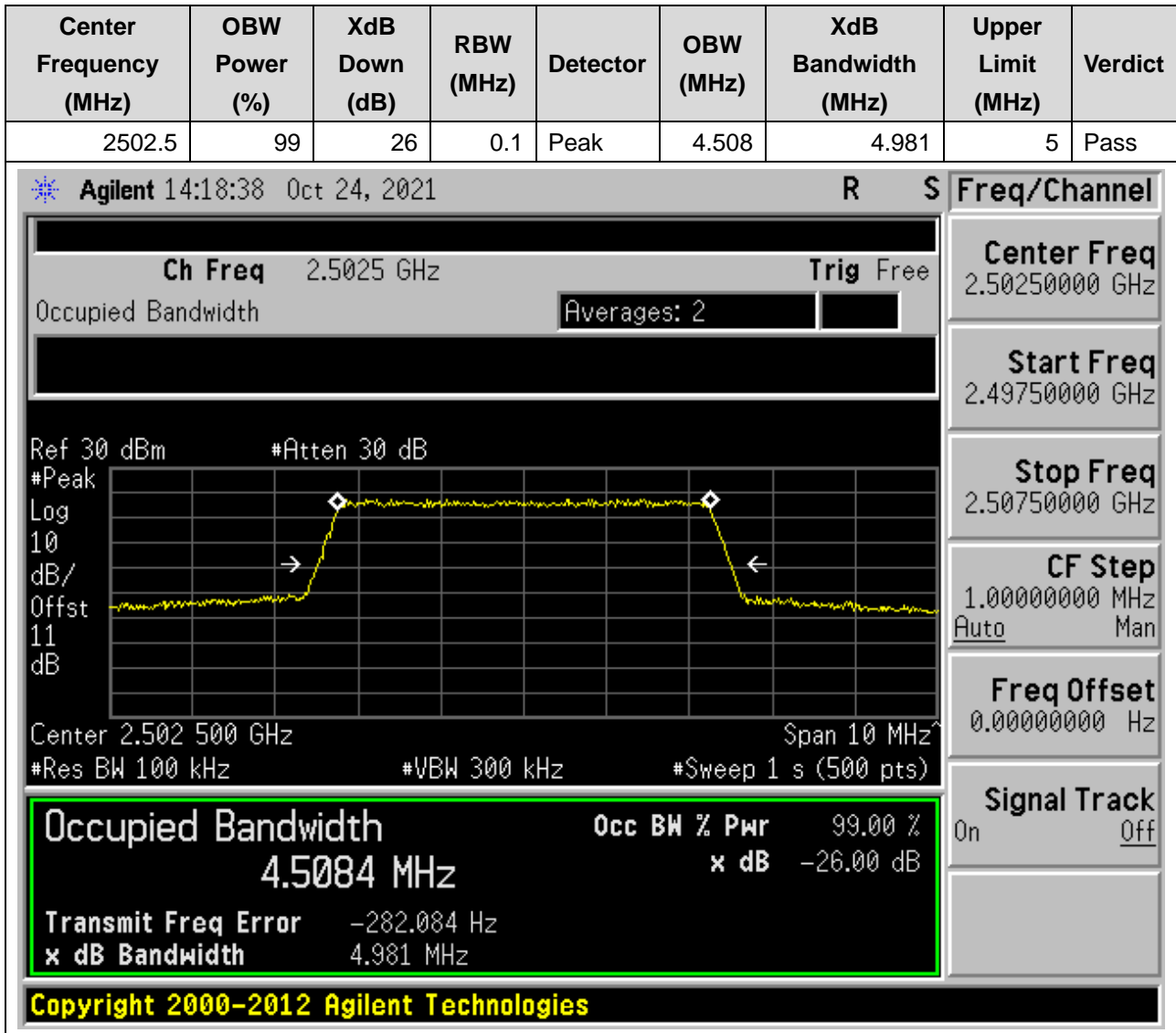
**Transmit Freq Error** -12.718 kHz

**x dB Bandwidth** 9.817 MHz

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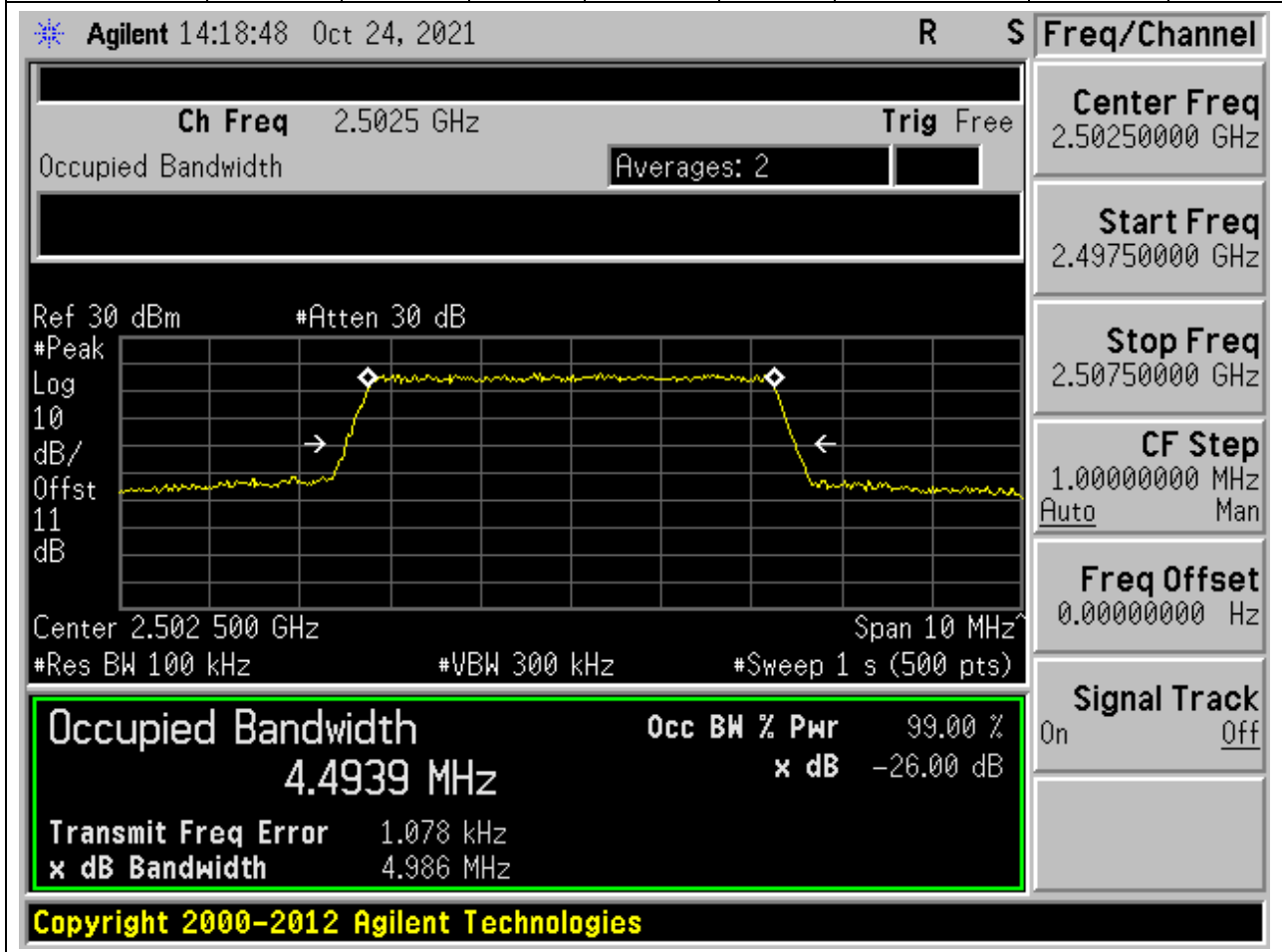
## 11. LTE\_Band7

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



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

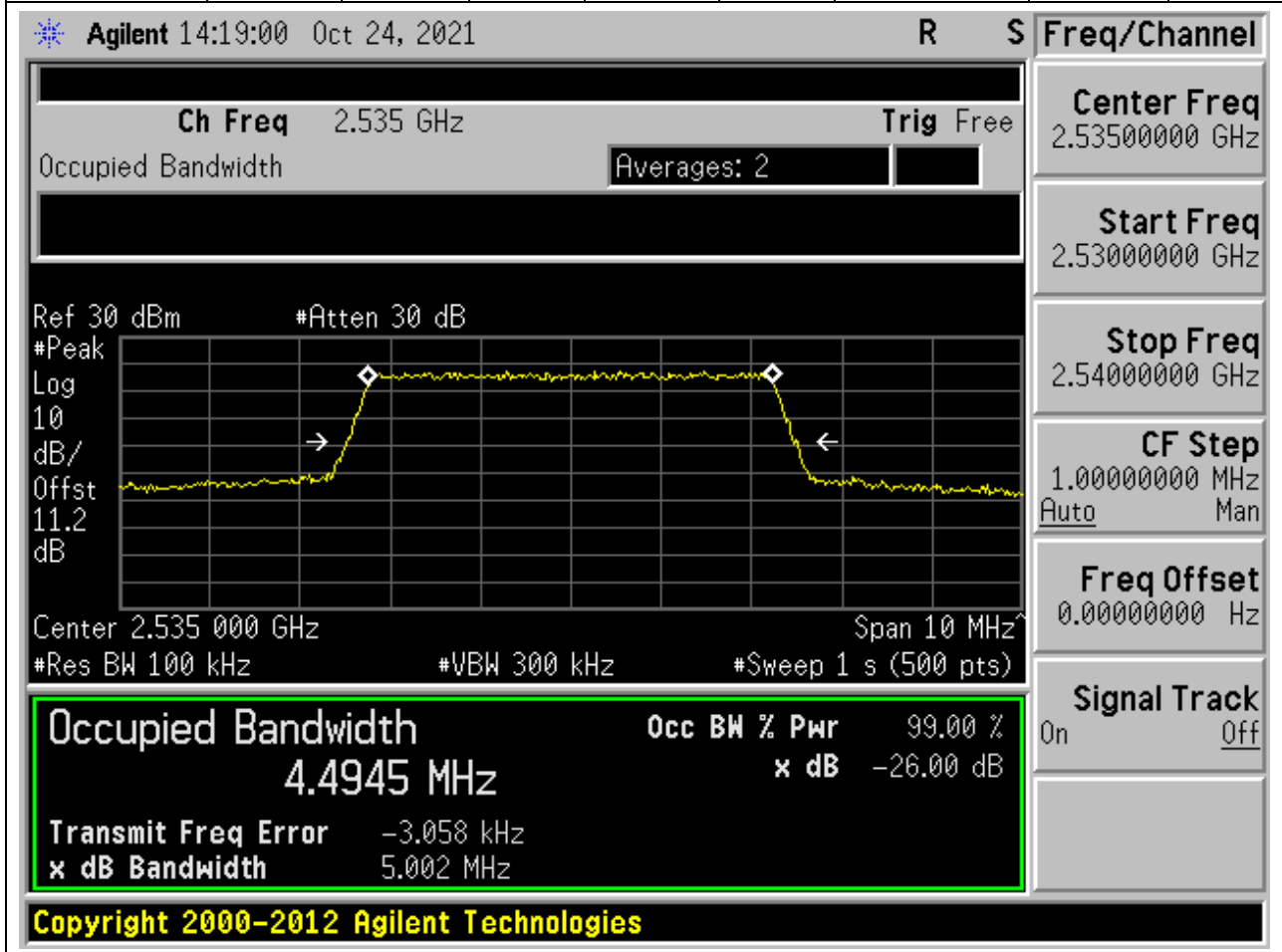
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2502.5	99	26	0.1	Peak	4.494	4.986	5	Pass





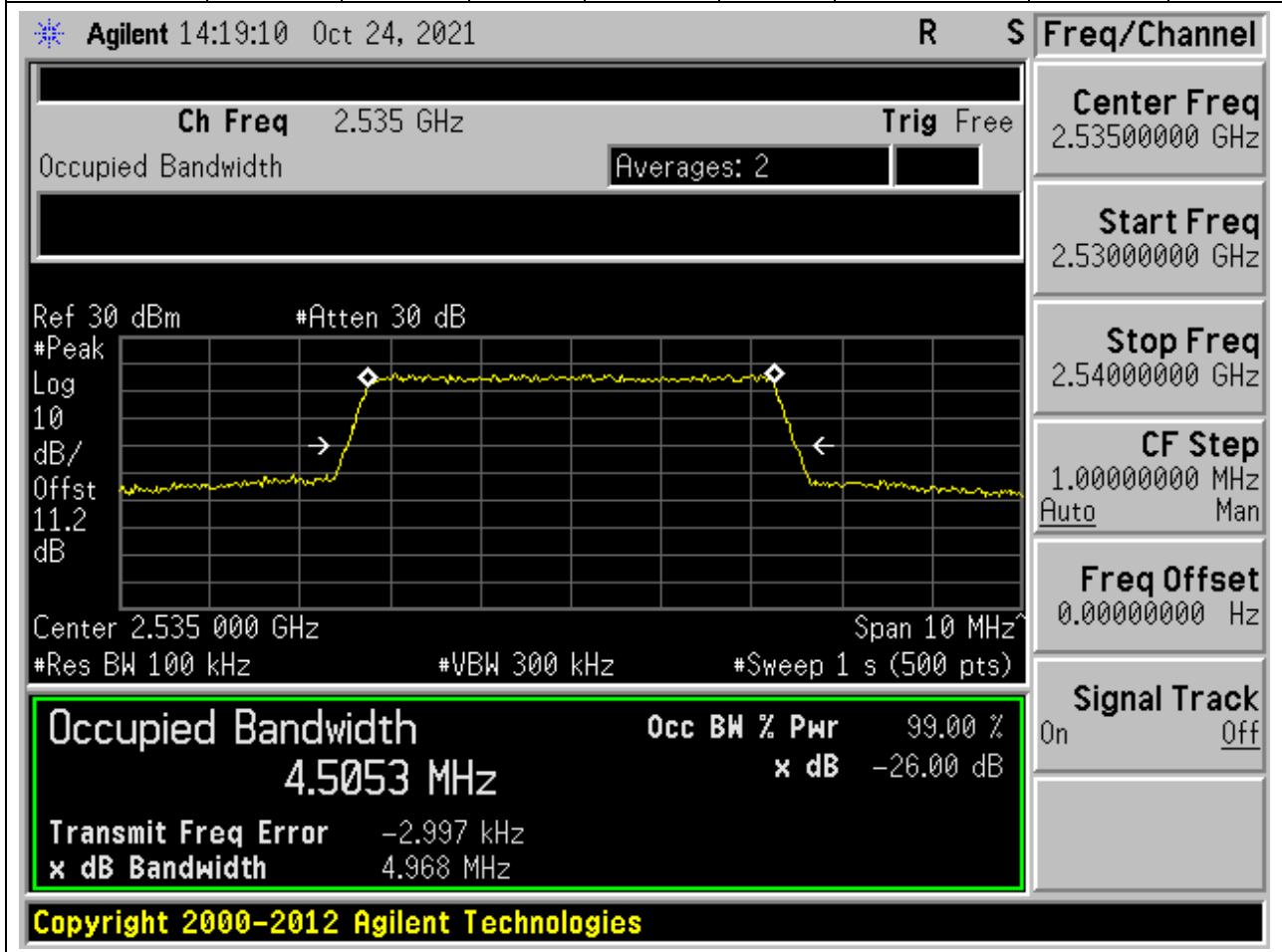
**11.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.495	5.002	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.505	4.968	5	Pass



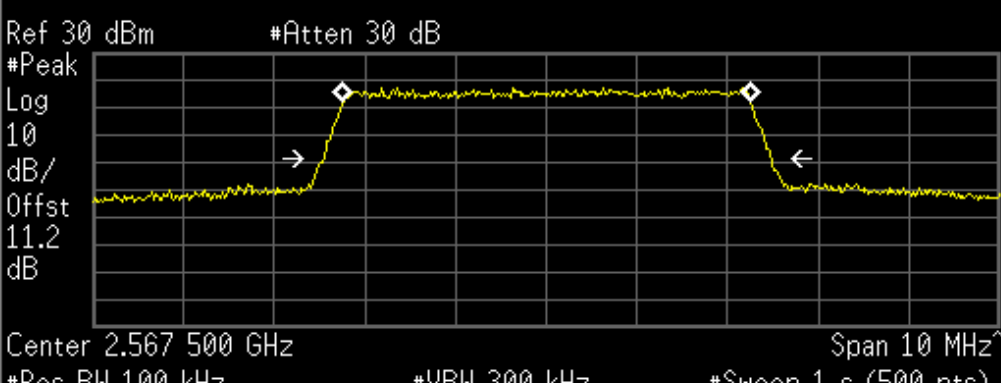
**11.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.495	4.959	5	Pass

Agilent 14:19:23 Oct 24, 2021 R S

**Ch Freq** 2.5675 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

Center 2.567 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4946 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.557 kHz	
<b>x dB Bandwidth</b>	4.959 MHz	

**Freq/Channel**

**Center Freq**  
2.56750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.57250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

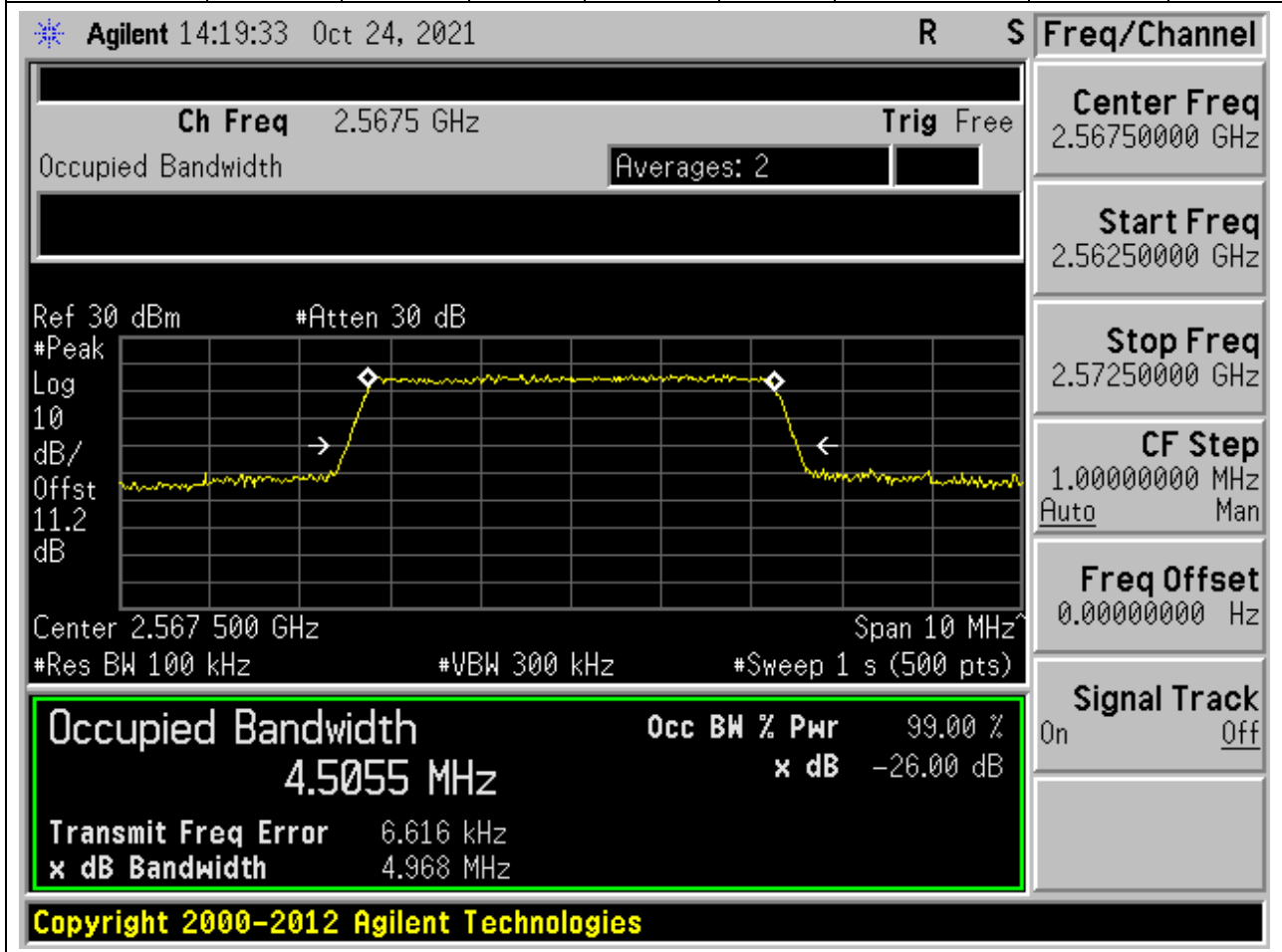
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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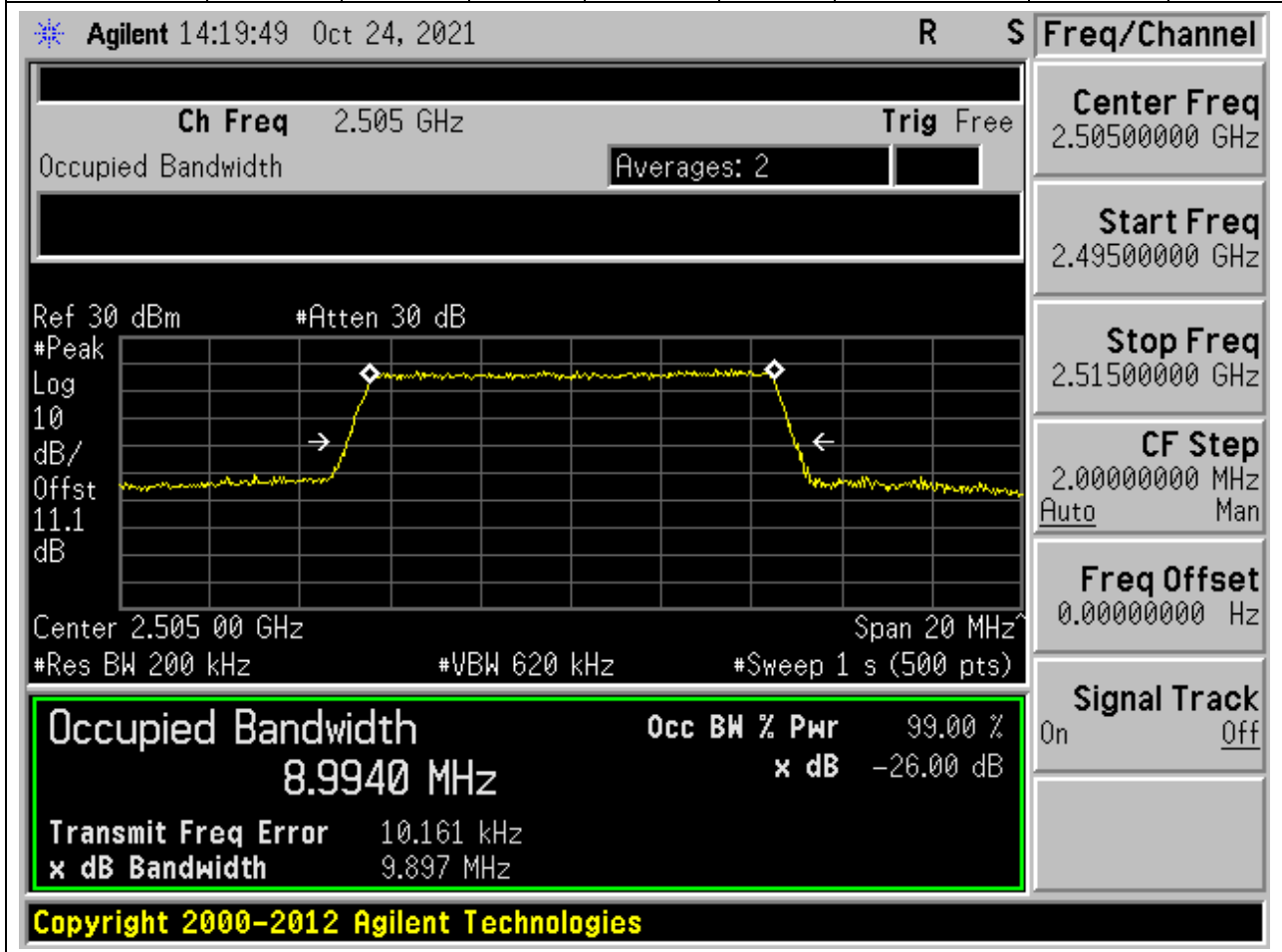
11.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.506	4.968	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2505	99	26	0.2	Peak	8.994	9.897	10	Pass



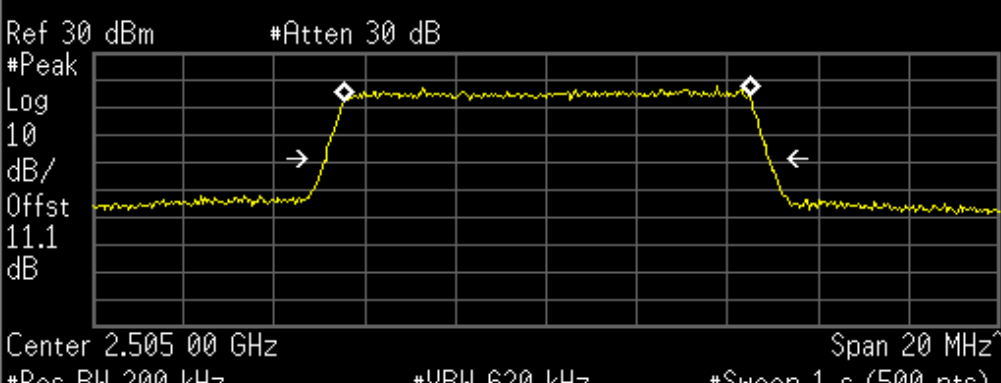
**11.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.989	9.757	10	Pass

Agilent 14:19:59 Oct 24, 2021 R S

**Ch Freq** 2.505 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.505 00 GHz Span 20 MHz

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

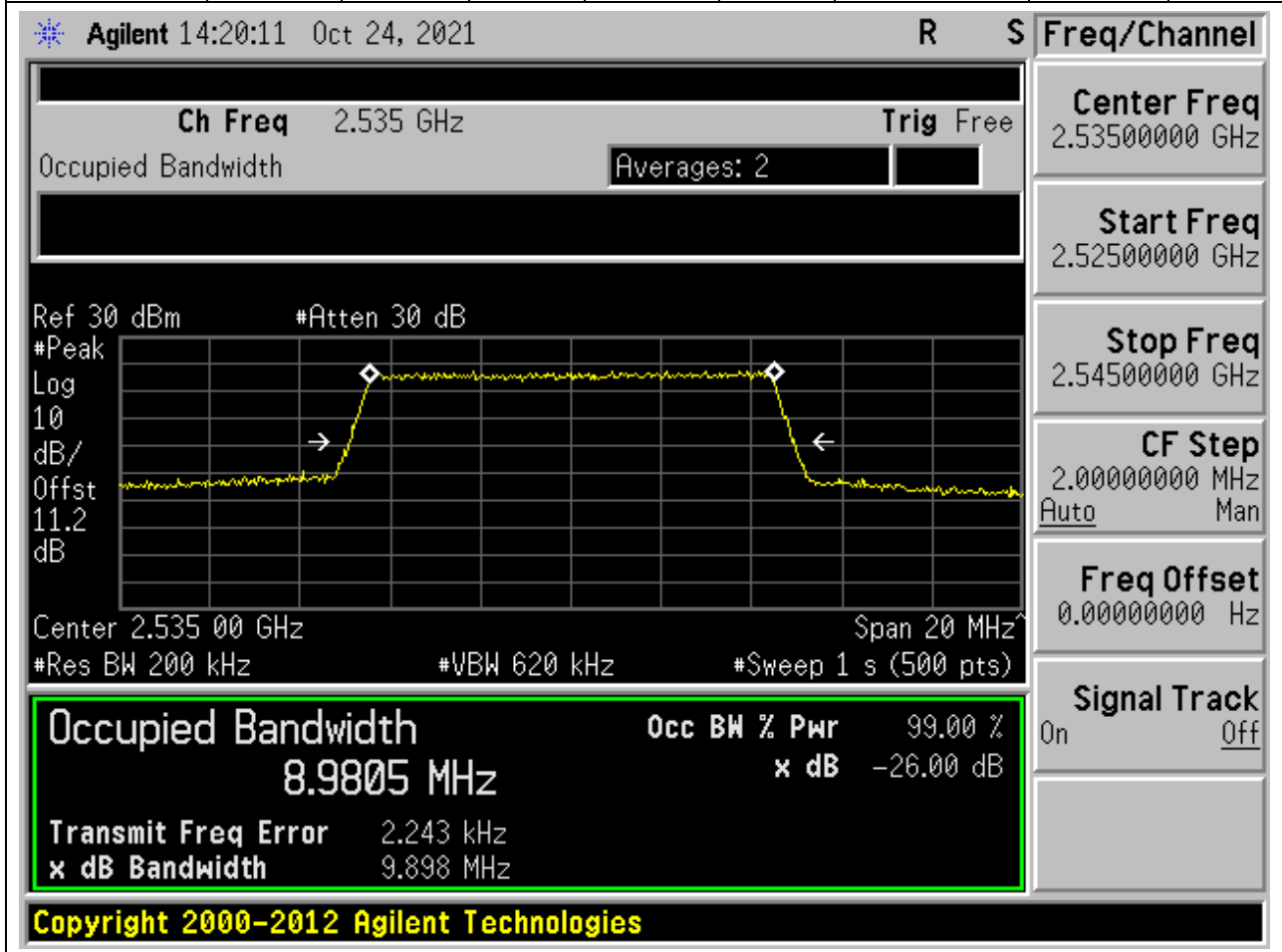
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9886 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	16.787 kHz	
<b>x dB Bandwidth</b>	9.757 MHz	

**Signal Track** On Off

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**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	8.98	9.898	10	Pass



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

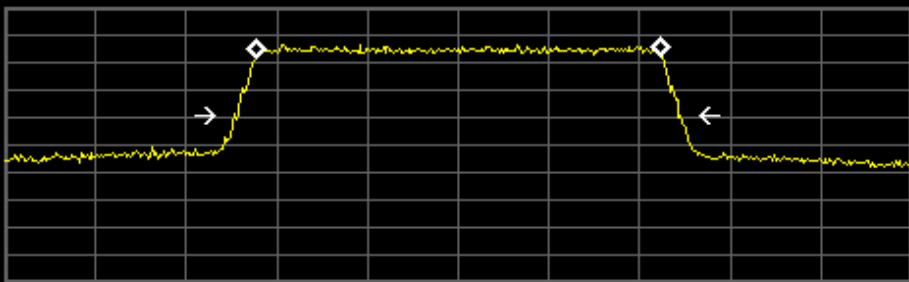
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.2	Peak	8.966	9.858	10	Pass

Agilent 14:20:21 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.535 00 GHz Span 20 MHz

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

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52500000 GHz

**Stop Freq**  
2.54500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9658 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 5.812 kHz

**x dB Bandwidth** 9.858 MHz

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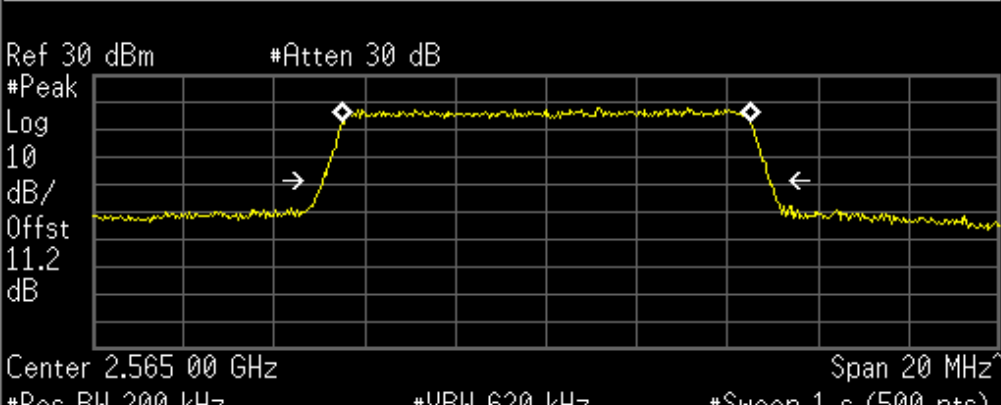
**11.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.99	9.853	10	Pass

Agilent 14:20:34 Oct 24, 2021 R S

**Ch Freq** 2.565 GHz **Trig** Free

Occupied Bandwidth Averages: 2



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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9901 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	198.345 Hz	
<b>x dB Bandwidth</b>	9.853 MHz	

**Signal Track**  
On Off

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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	8.981	9.862	10	Pass

Agilent 14:20:44 Oct 24, 2021 R S

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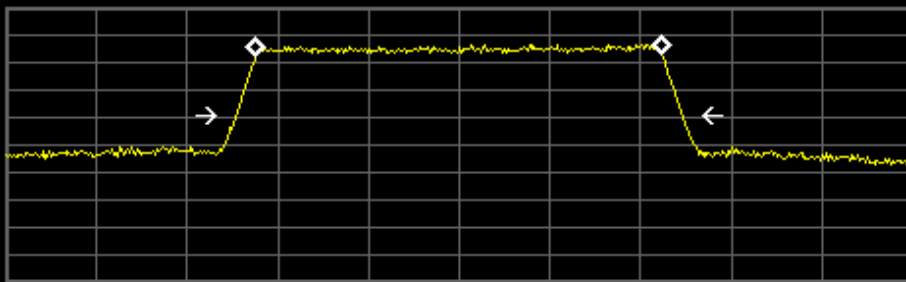
**Ch Freq** 2.565 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

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)

**Center Freq**  
2.56500000 GHz

**Start Freq**  
2.55500000 GHz

**Stop Freq**  
2.57500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9809 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.084 kHz

**x dB Bandwidth** 9.862 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.3	Peak	13.463	14.684	15	Pass

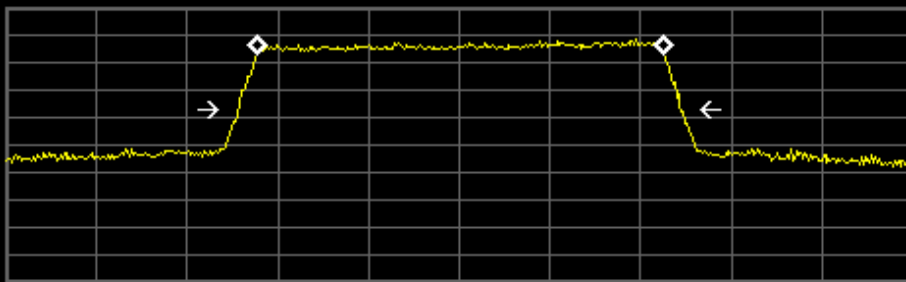
Agilent 14:20:59 Oct 24, 2021 R S

**Ch Freq** 2.5075 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB



Center 2.507 50 GHz Span 30 MHz

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

**Center Freq**  
2.50750000 GHz

**Start Freq**  
2.49250000 GHz

**Stop Freq**  
2.52250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**13.4634 MHz** **x dB** -26.00 dB

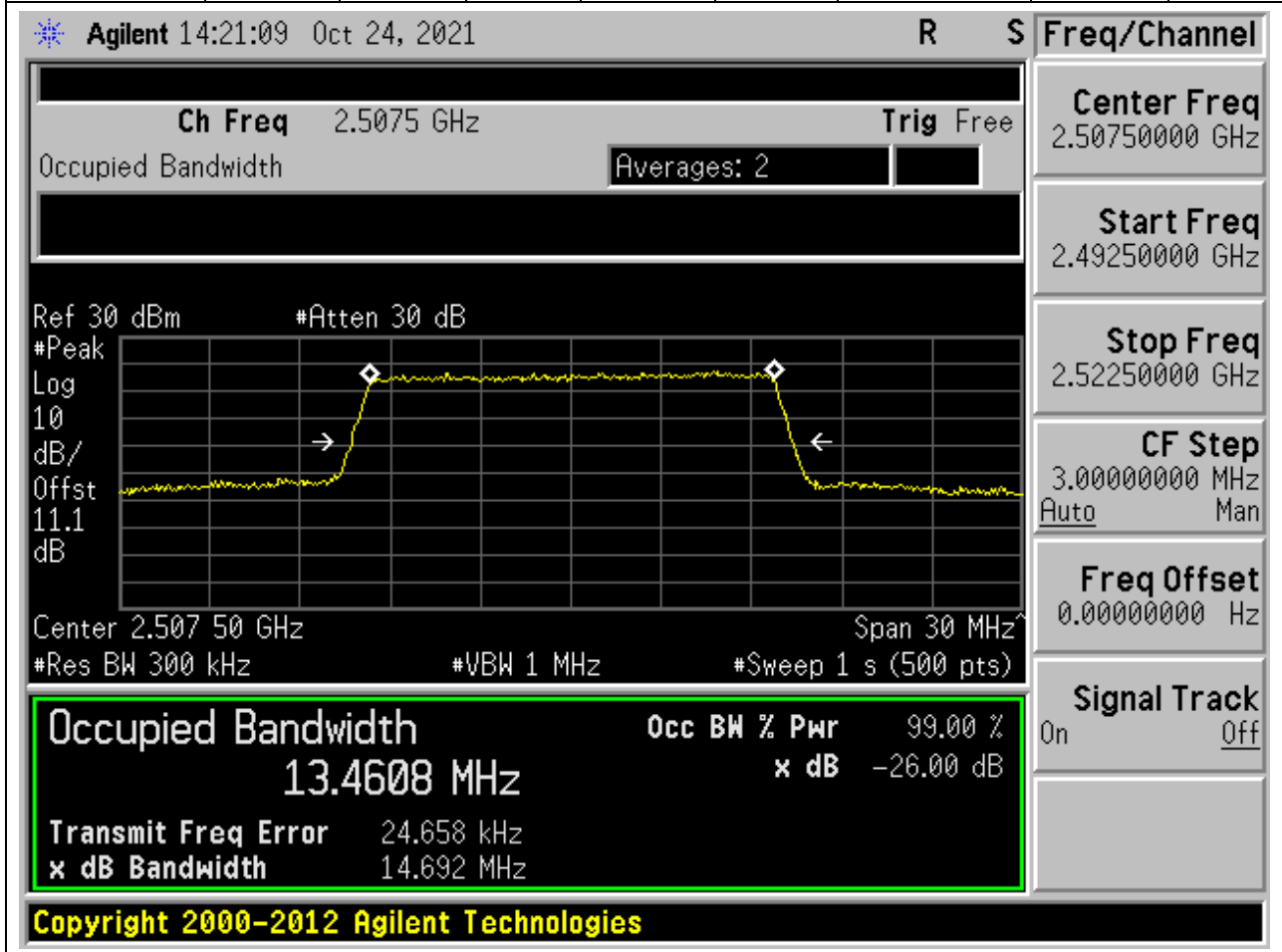
**Transmit Freq Error** 25.222 kHz

**x dB Bandwidth** 14.684 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.3	Peak	13.461	14.692	15	Pass



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

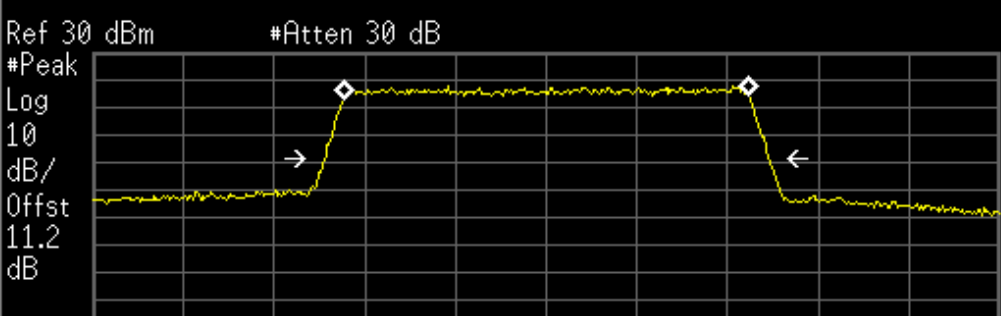
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.437	14.698	15	Pass

Agilent 14:21:21 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dB #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)

**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52000000 GHz

**Stop Freq**  
2.55000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4369 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.442 kHz

**x dB Bandwidth** 14.698 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.463	14.689	15	Pass

Agilent 14:21:32 Oct 24, 2021 R S

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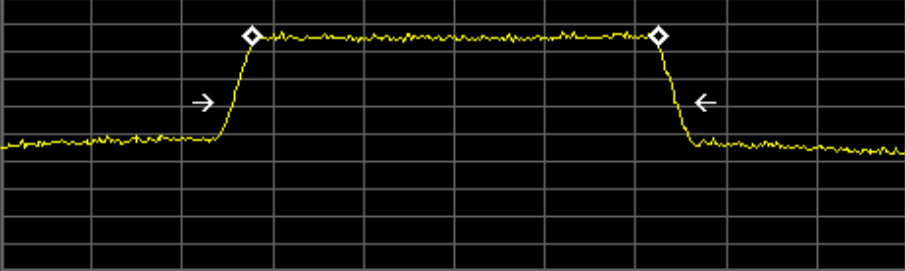
**Ch Freq** 2.535 GHz **Trig** Free

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)

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52000000 GHz

**Stop Freq**  
2.55000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4632 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.329 kHz

**x dB Bandwidth** 14.689 MHz

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

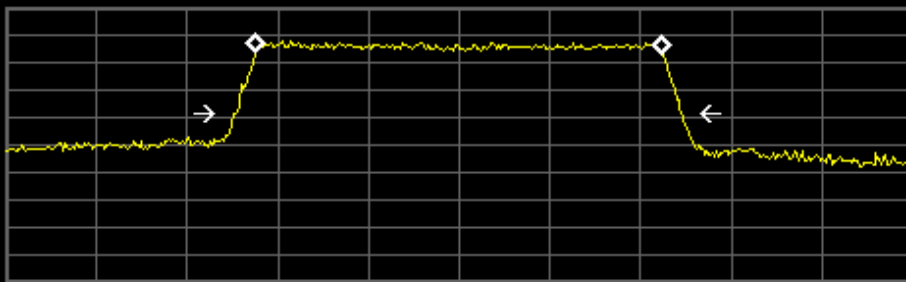
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.48	14.799	15	Pass

Agilent 14:21:44 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.562 50 GHz Span 30 MHz

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

**Center Freq**  
2.56250000 GHz

**Start Freq**  
2.54750000 GHz

**Stop Freq**  
2.57750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**13.4797 MHz** **x dB** -26.00 dB

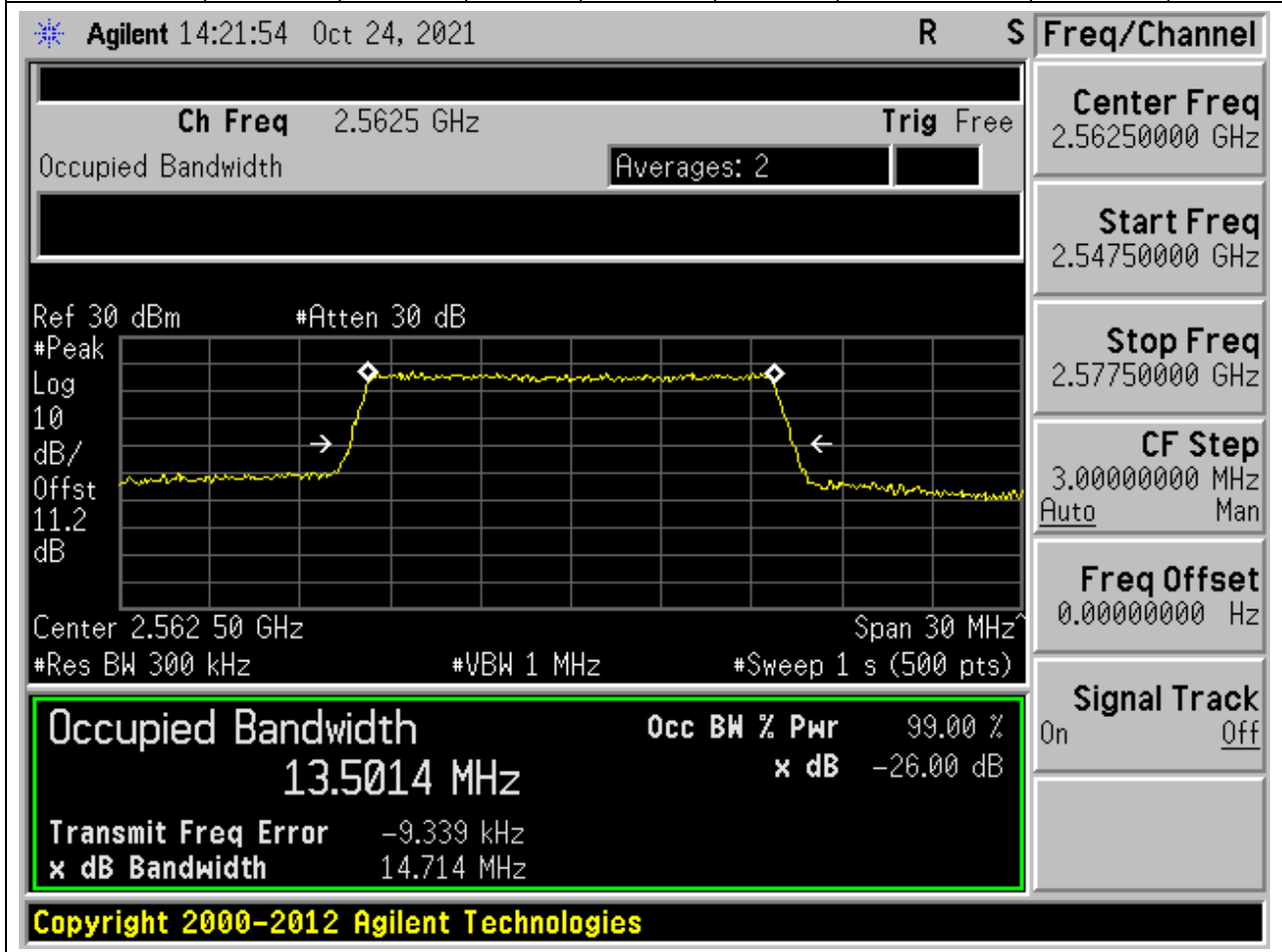
**Transmit Freq Error** -5.768 kHz

**x dB Bandwidth** 14.799 MHz

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

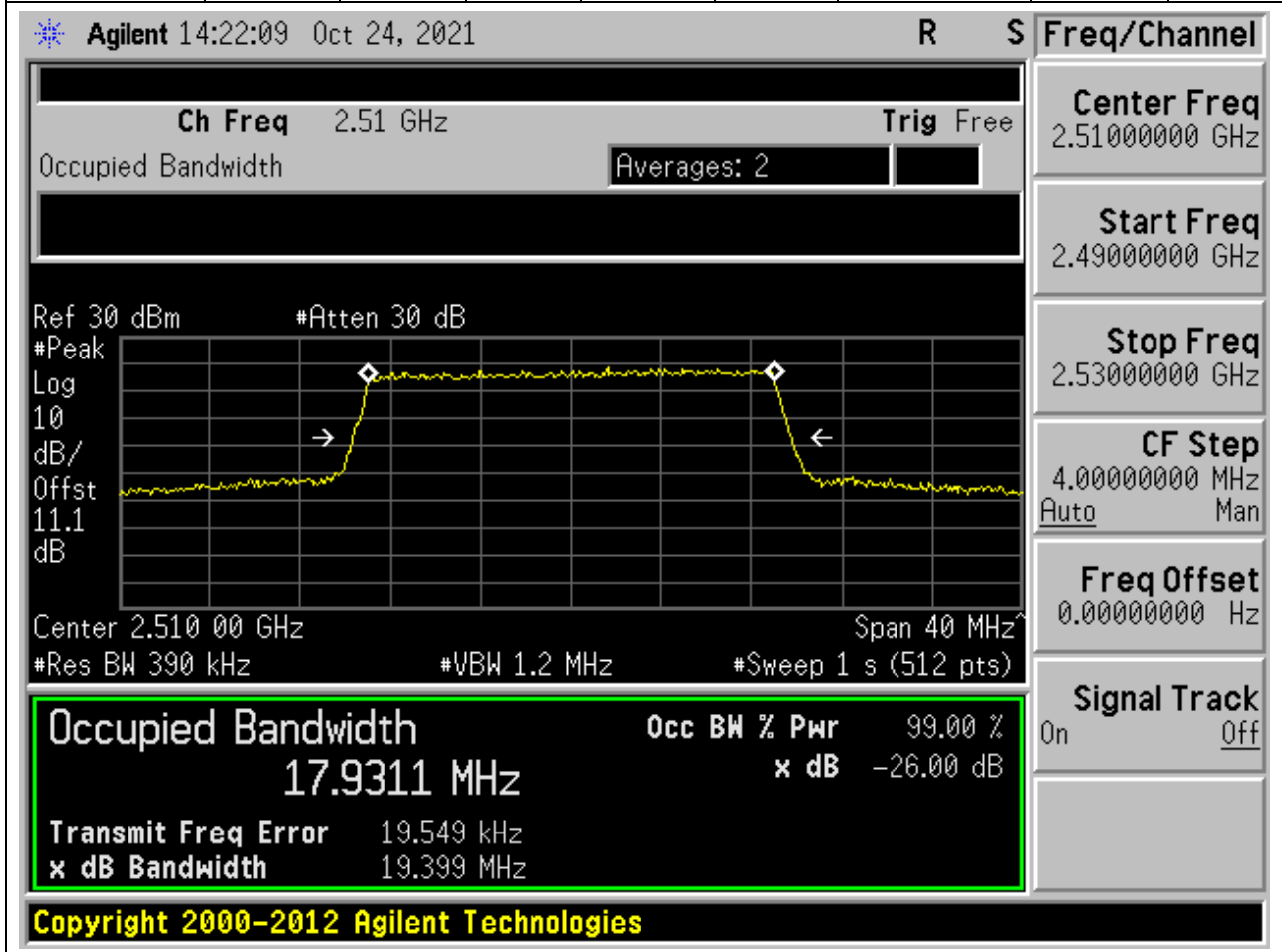
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.501	14.714	15	Pass





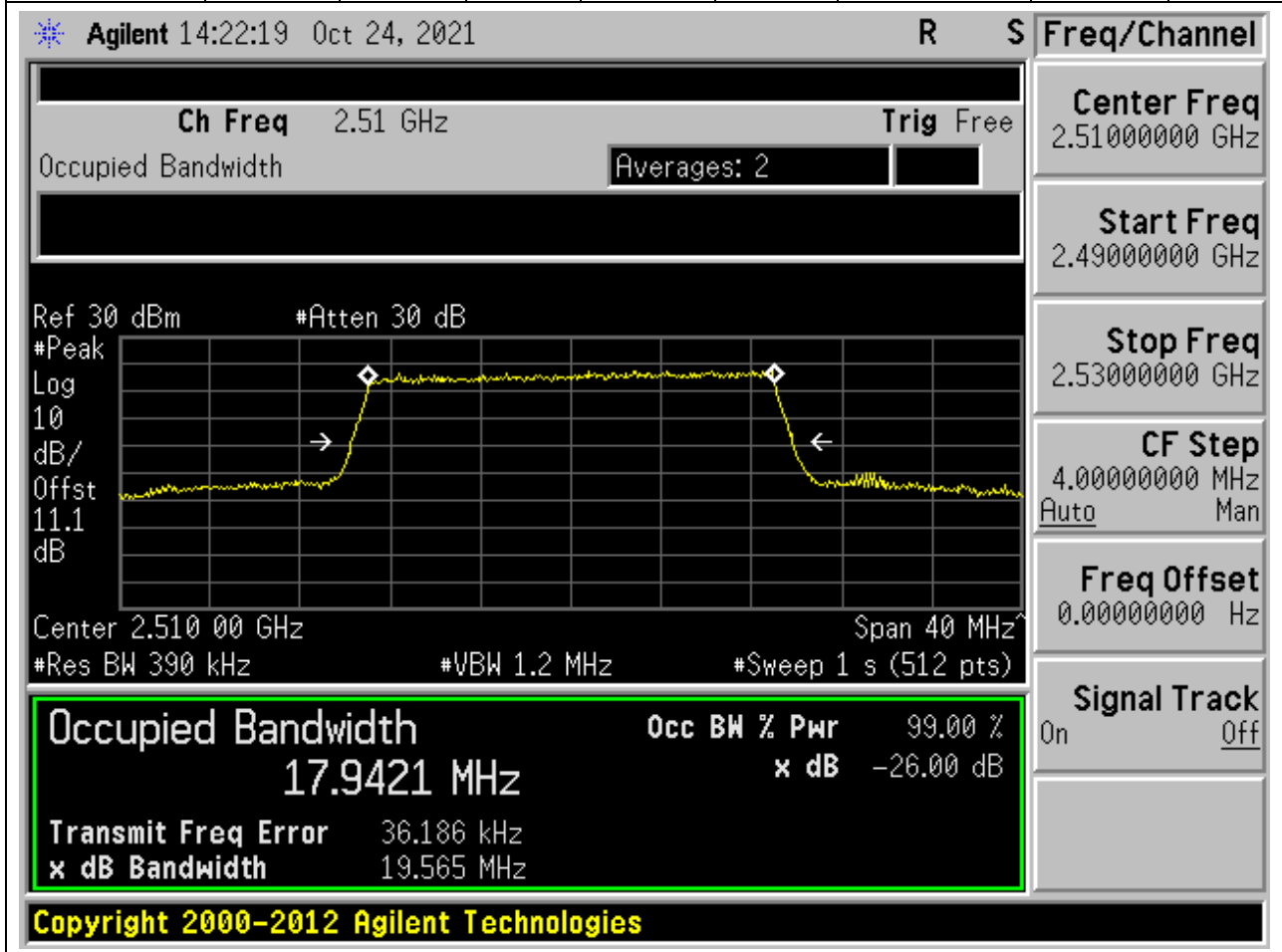
**11.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.931	19.399	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	17.942	19.565	20	Pass



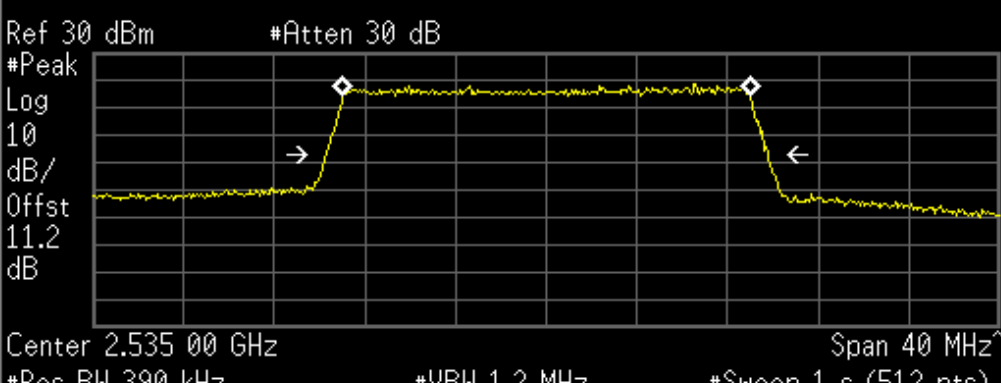
**11.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.98	19.477	20	Pass

Agilent 14:22:31 Oct 24, 2021 R S

**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 40 MHz

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

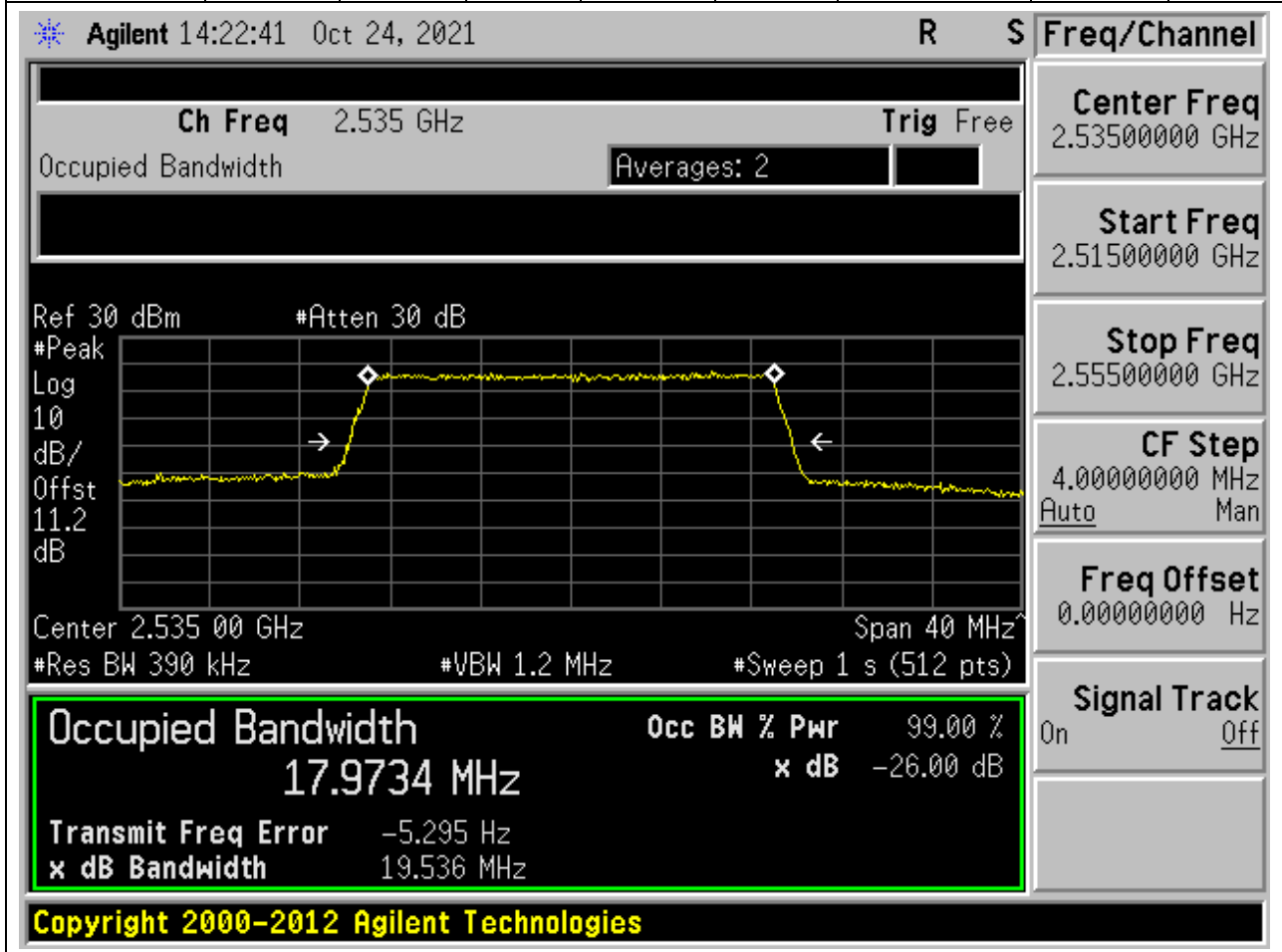
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9799 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	17.875 kHz	
<b>x dB Bandwidth</b>	19.477 MHz	

**Signal Track**  
On Off

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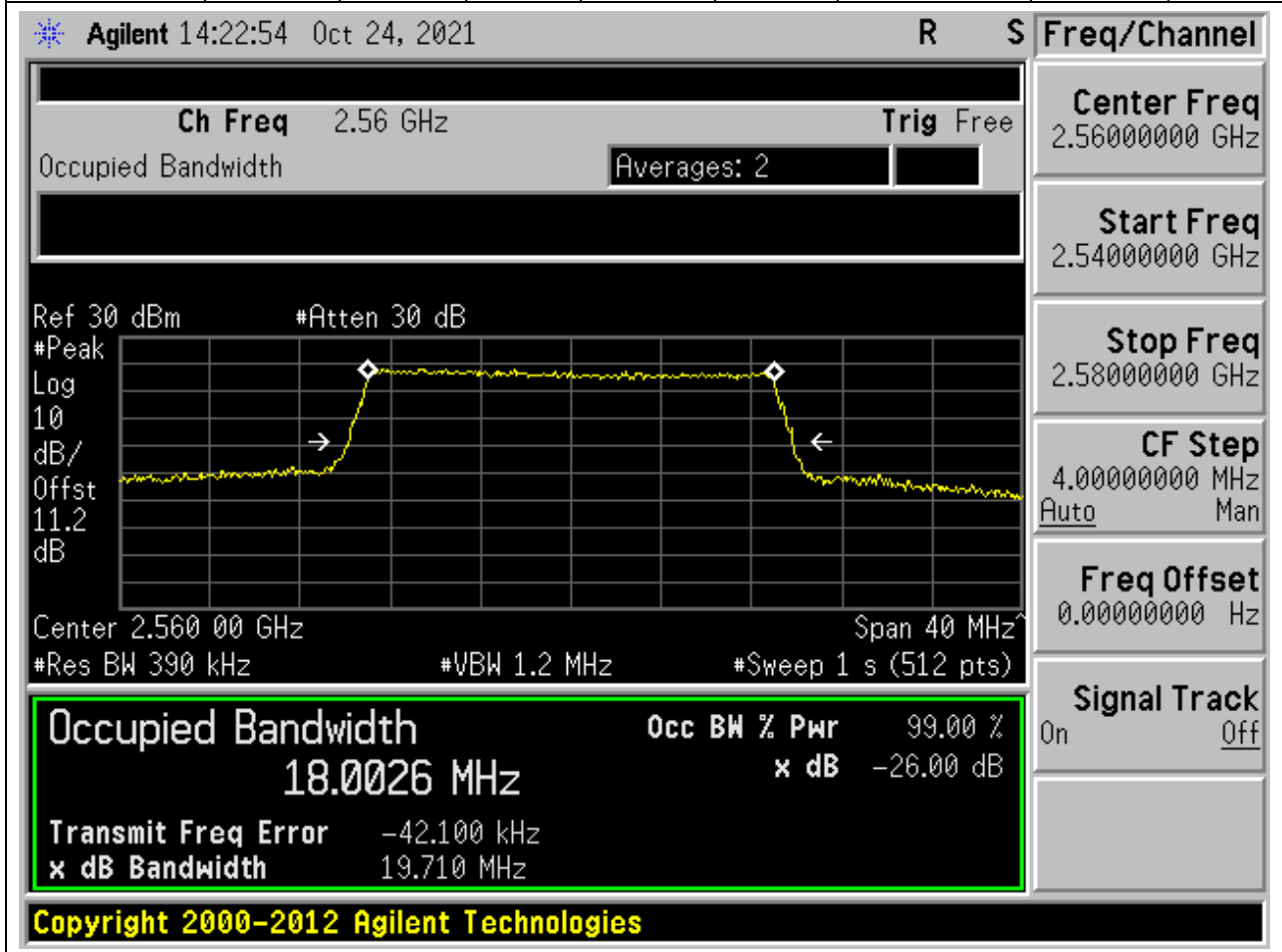
**11.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.39	Peak	17.973	19.536	20	Pass



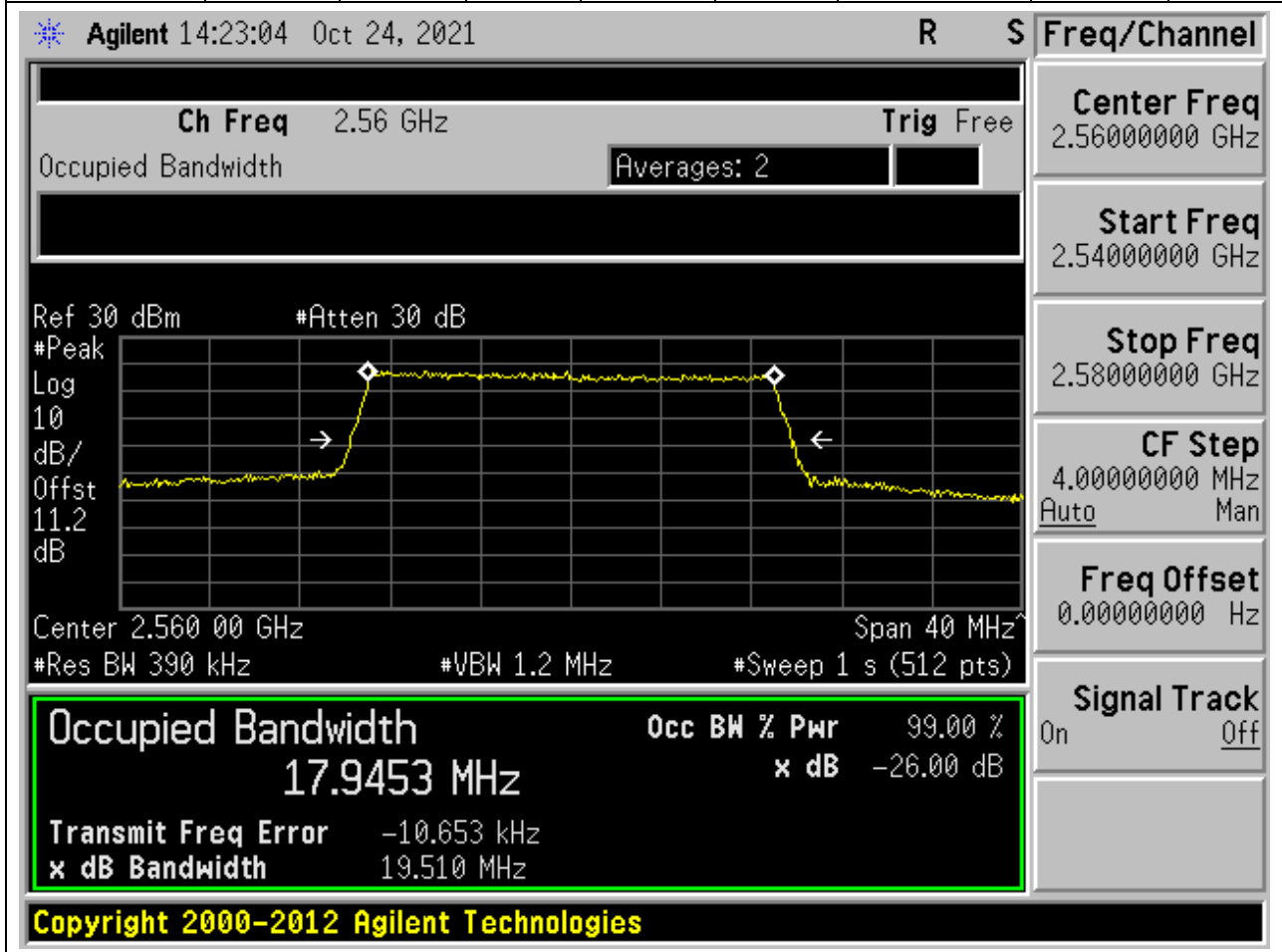
**11.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	18.003	19.71	20	Pass



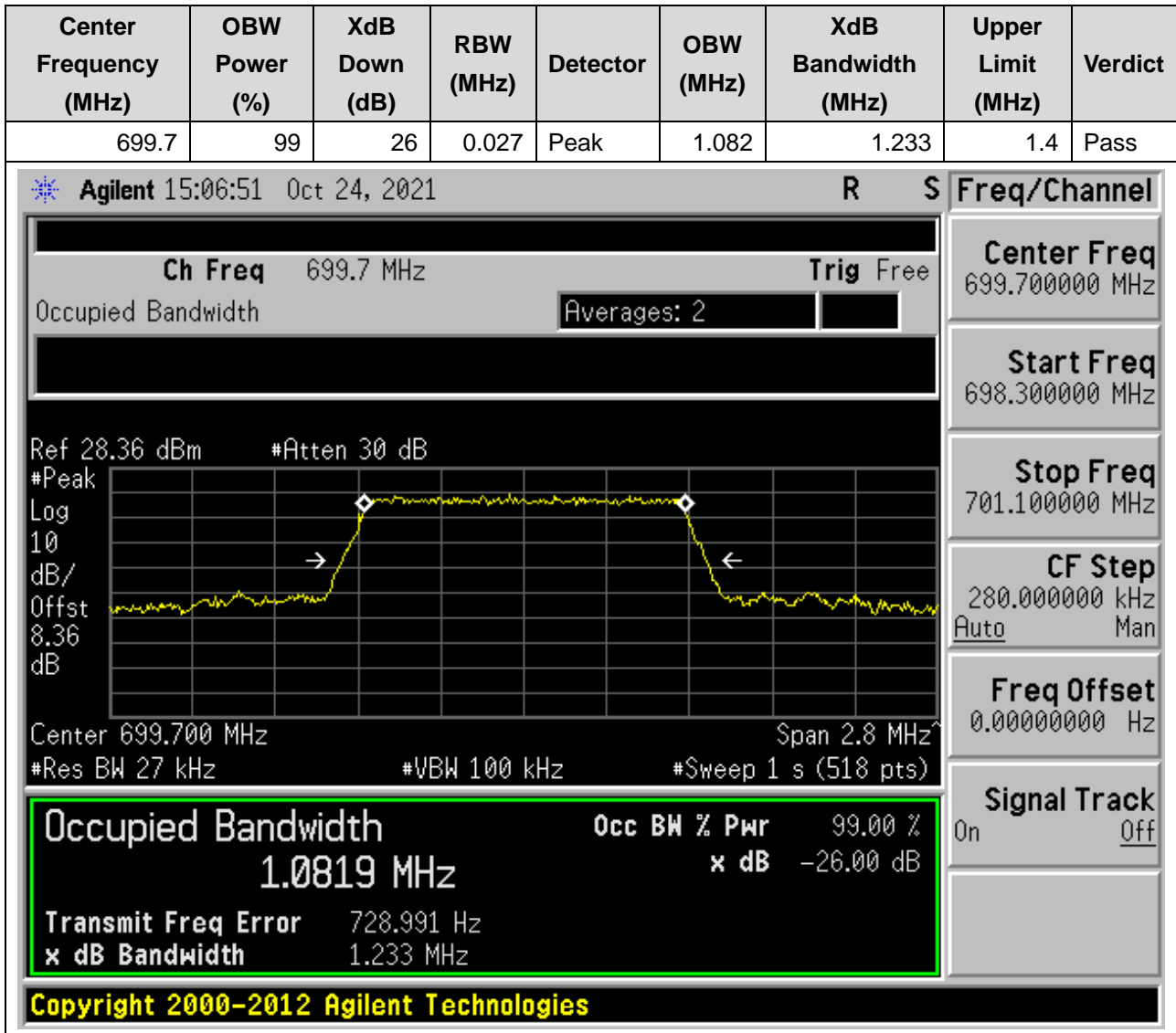
**11.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.945	19.51	20	Pass

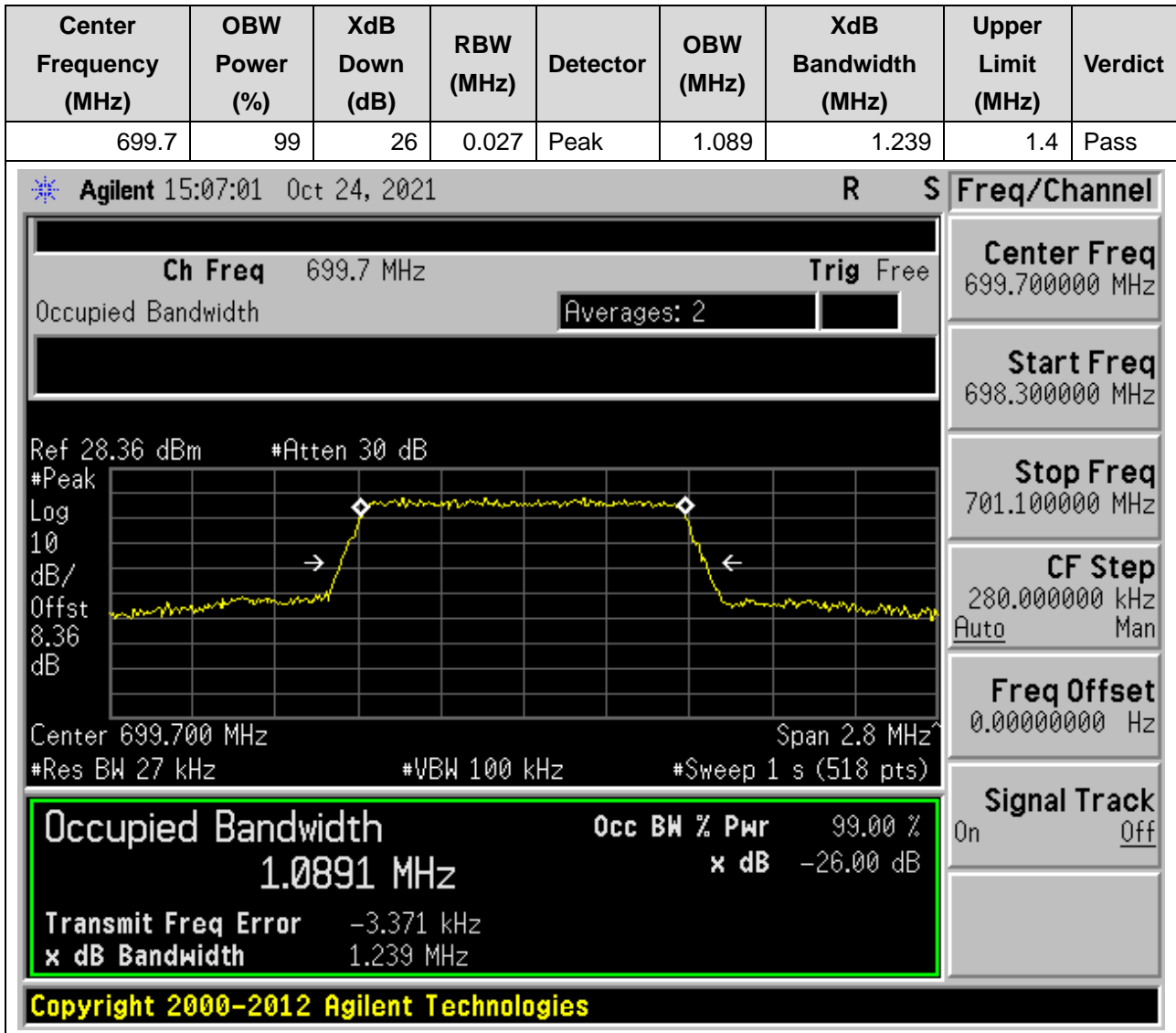


## 12. LTE\_Band12

### 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)**





**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	1.085	1.239	1.4	Pass

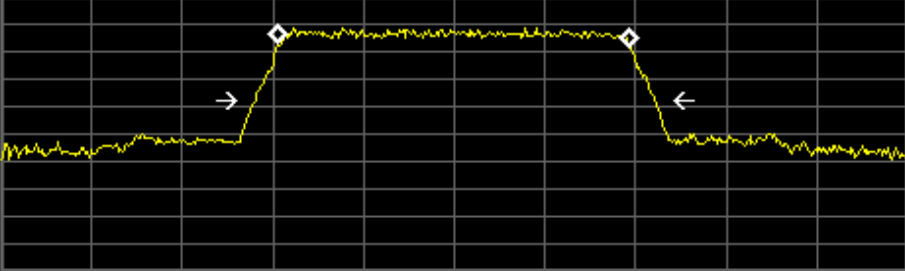
Agilent 15:07:14 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

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)

**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

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

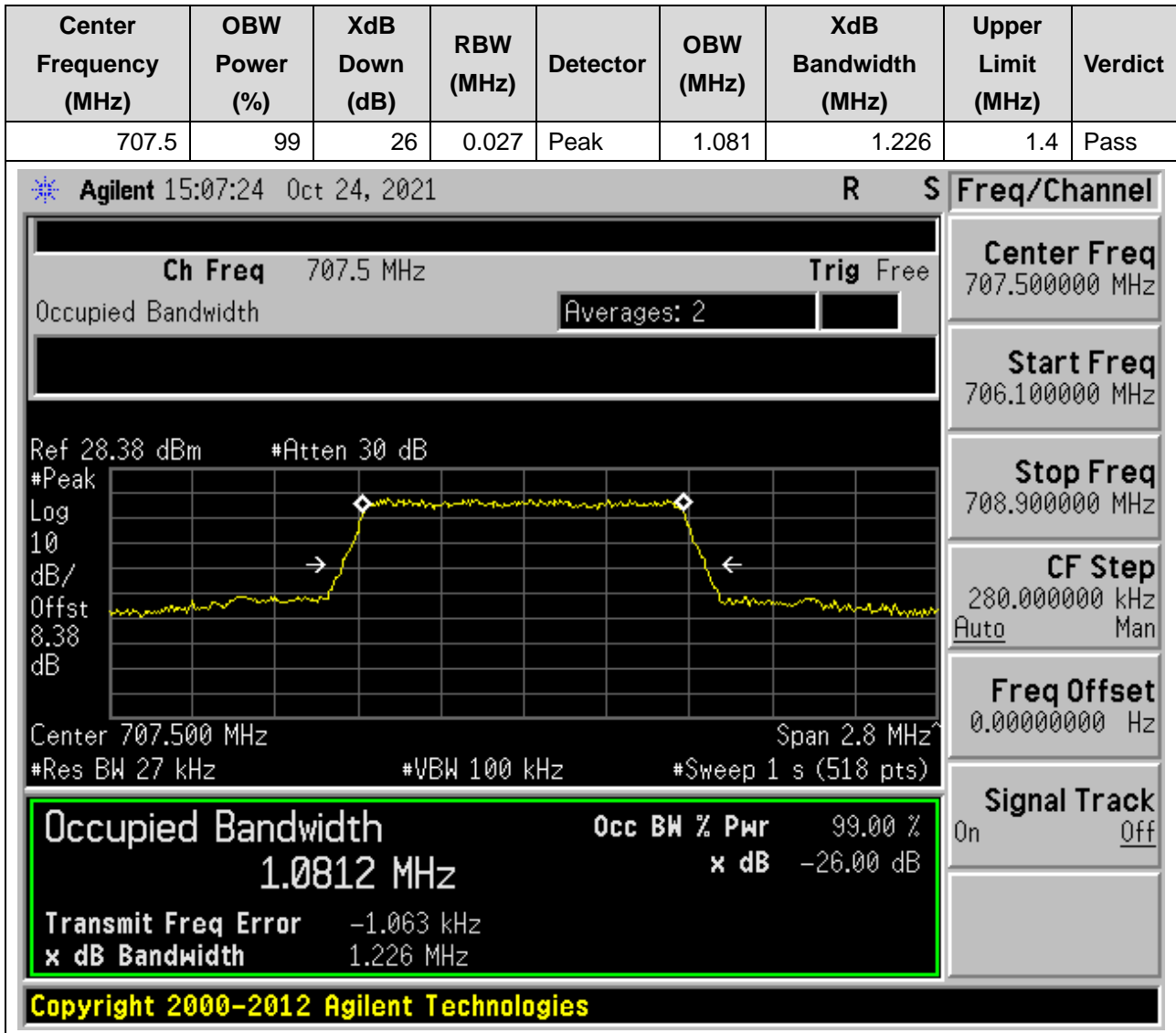
**1.0850 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.255 kHz

**x dB Bandwidth** 1.239 MHz

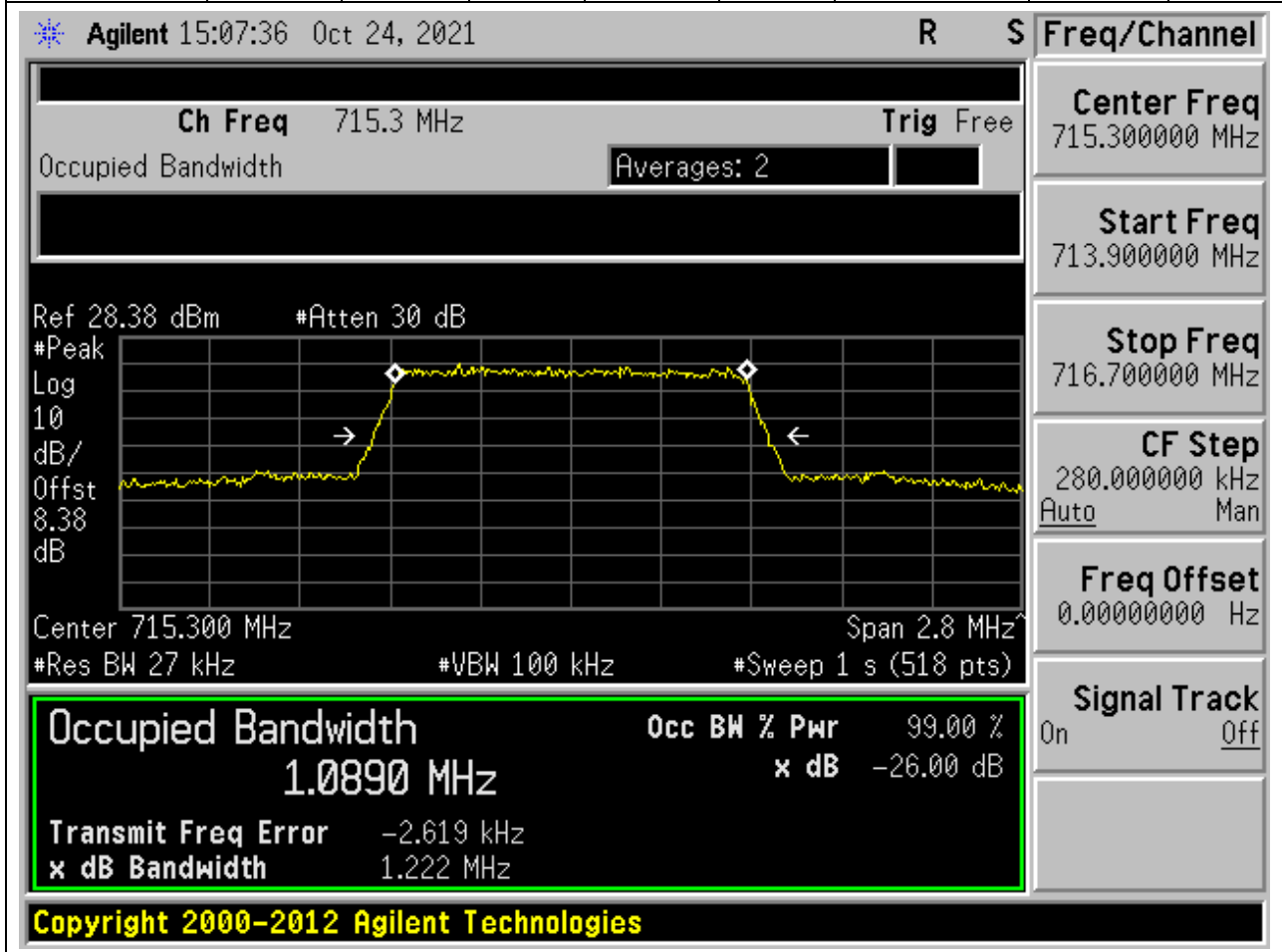
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**12.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:23095, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**



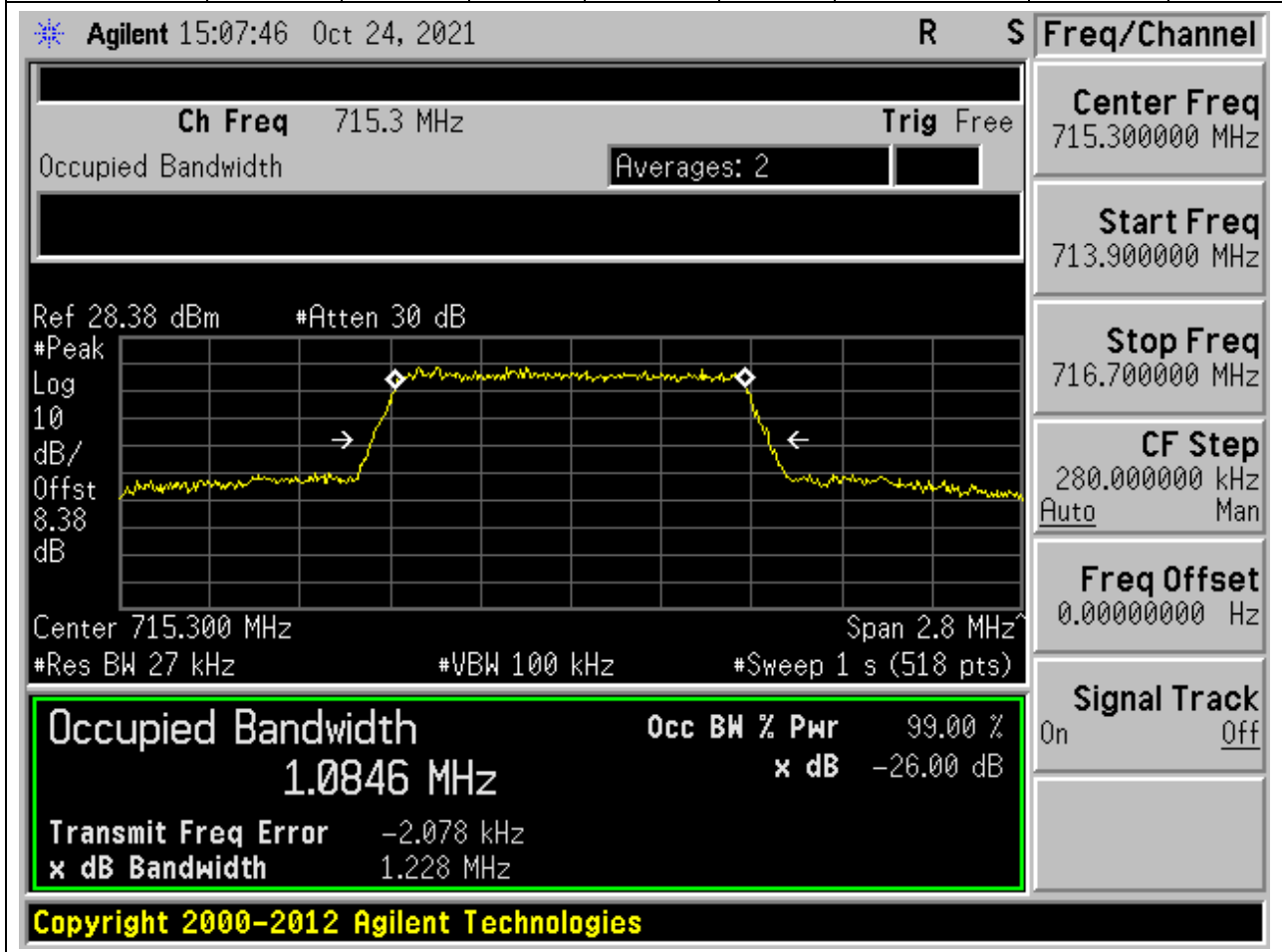
**12.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.089	1.222	1.4	Pass



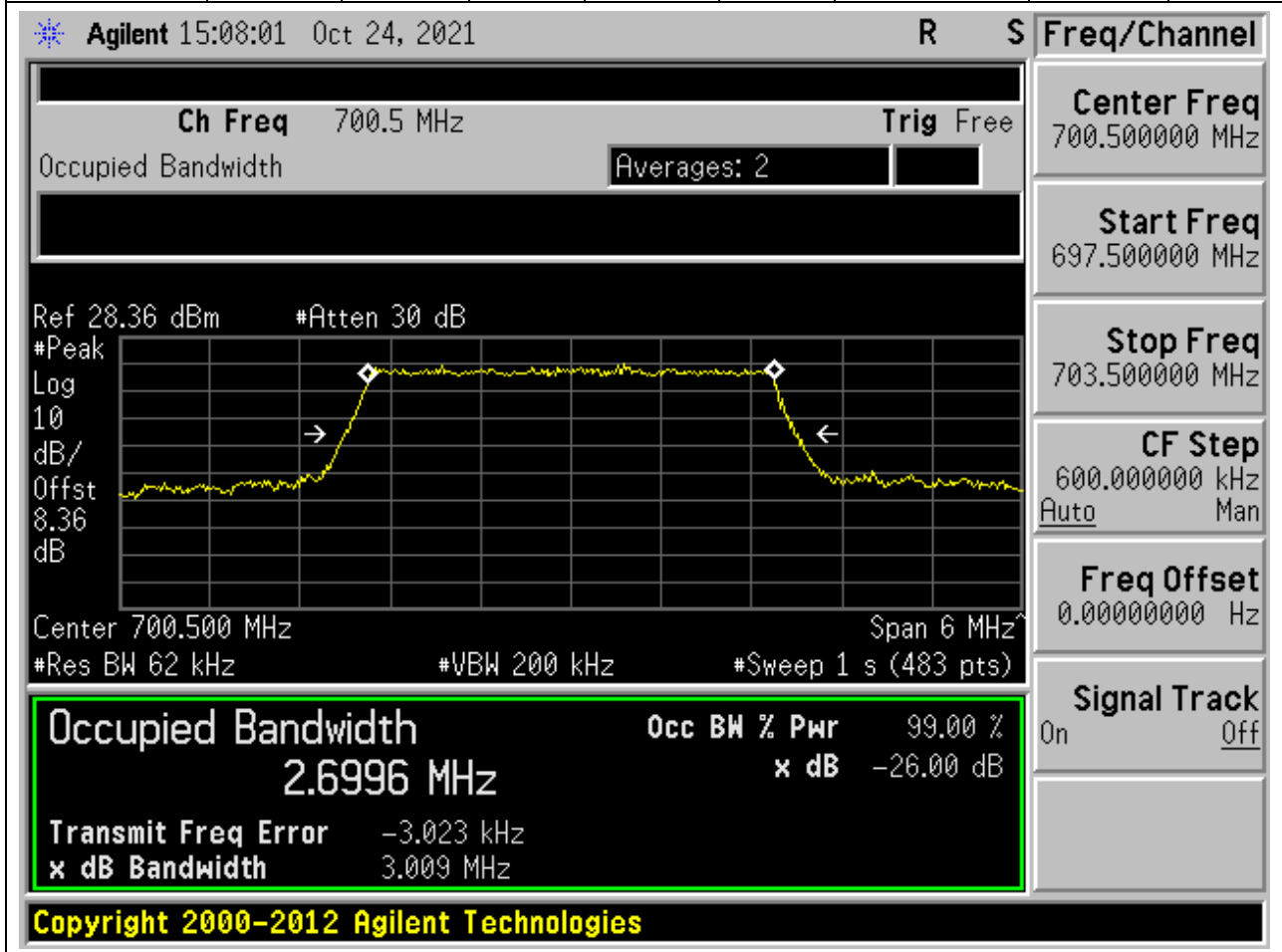
**12.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23173, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.085	1.228	1.4	Pass



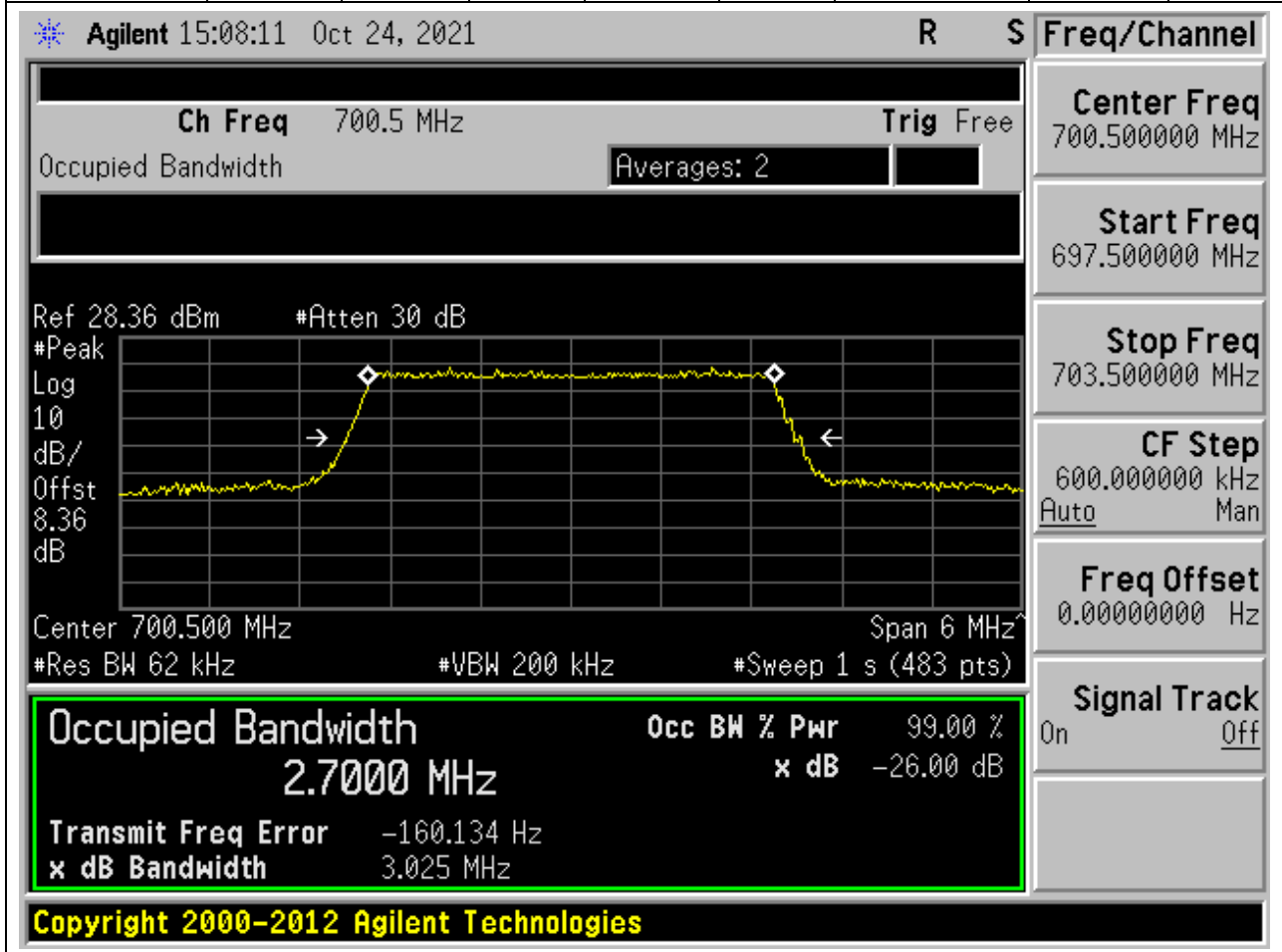
12.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

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	2.7	3.009	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	2.7	3.025	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	2.701	3.01	3	Pass

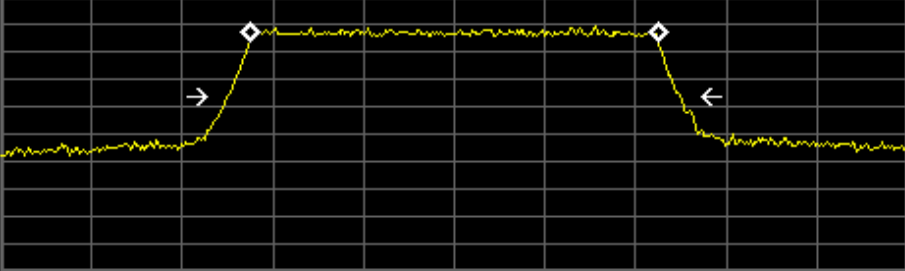
Agilent 15:08:23 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

Ref 28.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.38 dB



Center 707.500 MHz Span 6 MHz

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

**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

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

**2.7010 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -5.174 kHz

**x dB Bandwidth** 3.010 MHz

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**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	2.697	3	3	Pass

Agilent 15:08:33 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**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

---

Ref 28.38 dBm #Atten 30 dB

#Peak

Log

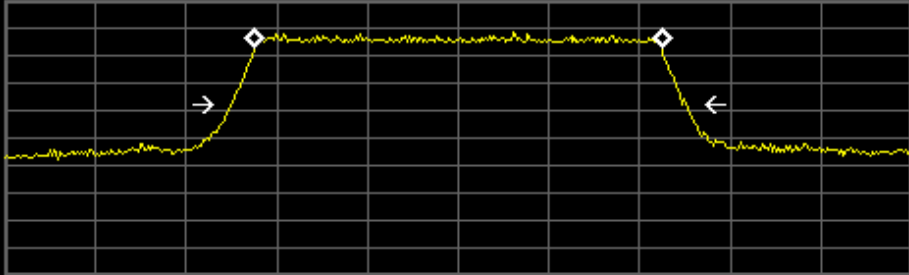
10

dB/

Offst

8.38

dB



Center 707.500 MHz Span 6 MHz

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

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

**2.6971 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -5.379 kHz

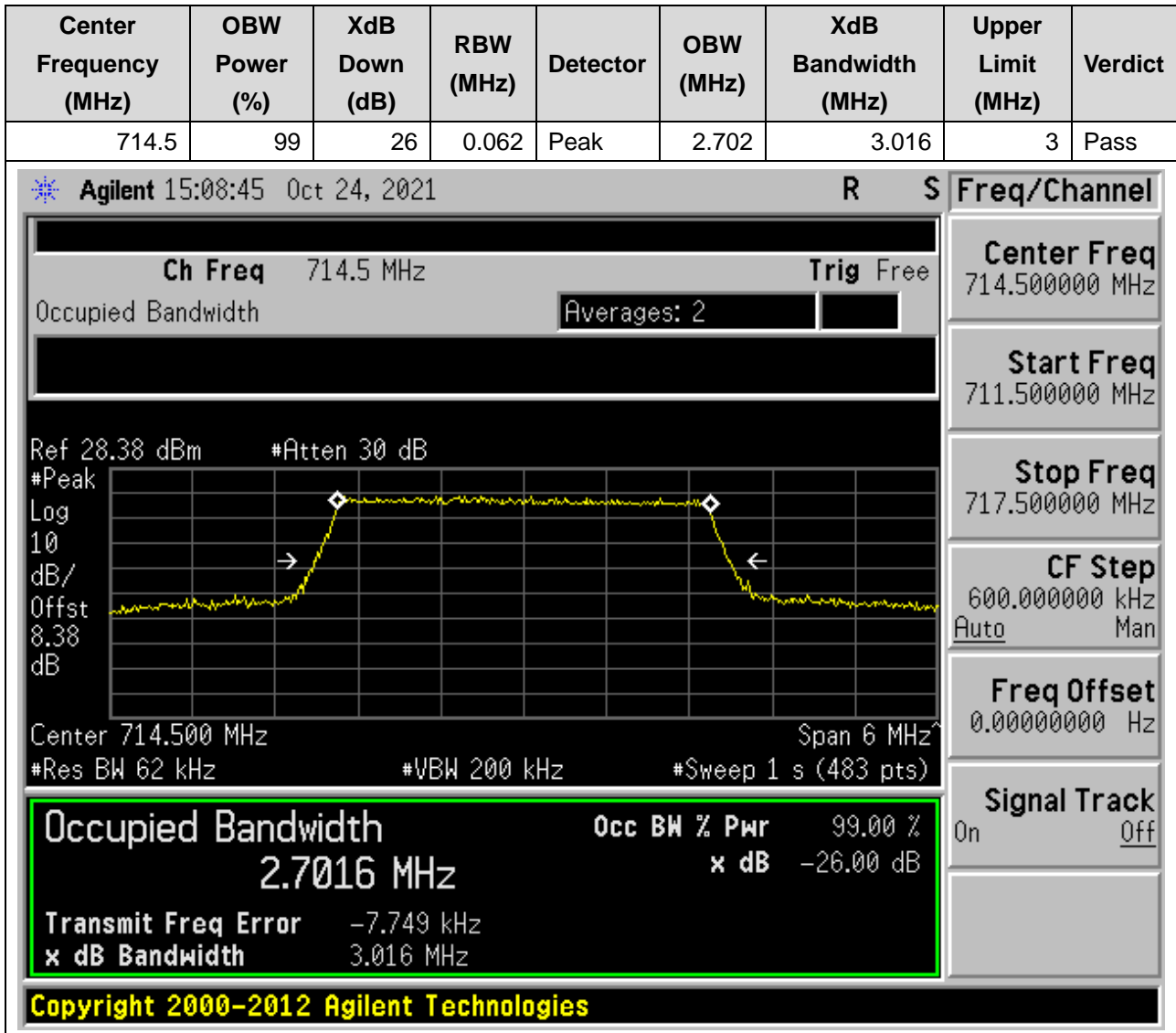
**x dB Bandwidth** 3.000 MHz

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



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

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	2.691	3.019	3	Pass

Agilent 15:08:56 Oct 24, 2021 R S

---

**Ch Freq** 714.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
714.500000 MHz

**Start Freq**  
711.500000 MHz

**Stop Freq**  
717.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

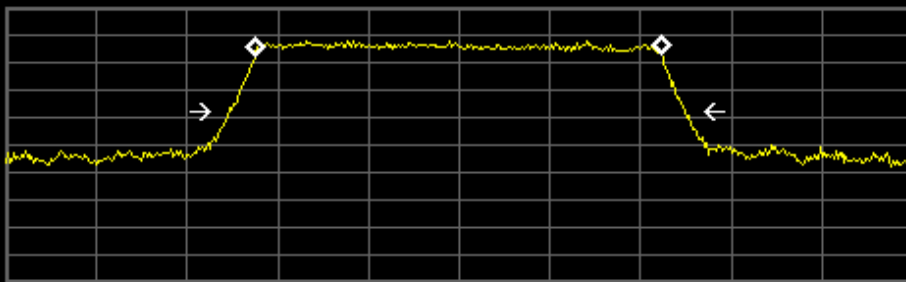
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 28.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.38 dB



Center 714.500 MHz Span 6 MHz

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

**Occupied Bandwidth** 2.6914 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -9.233 kHz

**x dB Bandwidth** 3.019 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)**

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	4.507	4.976	5	Pass

Agilent 15:09:11 Oct 24, 2021 R S

---

**Ch Freq** 701.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
701.500000 MHz

**Start Freq**  
696.500000 MHz

**Stop Freq**  
706.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

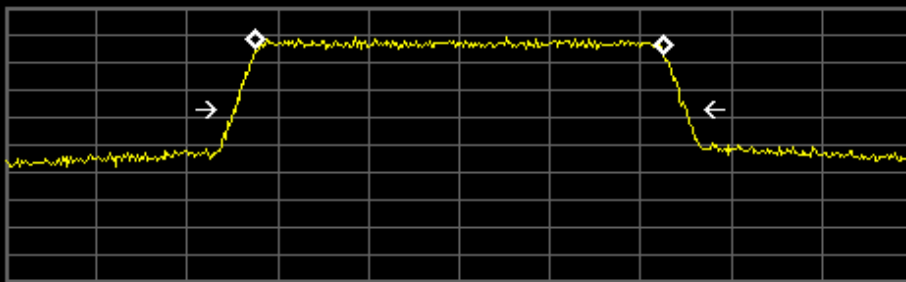
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 28.36 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.36 dB



Center 701.500 MHz Span 10 MHz

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

**Occupied Bandwidth** 4.5065 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -2.033 kHz

**x dB Bandwidth** 4.976 MHz

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**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	4.494	4.986	5	Pass

Agilent 15:09:21 Oct 24, 2021 R S

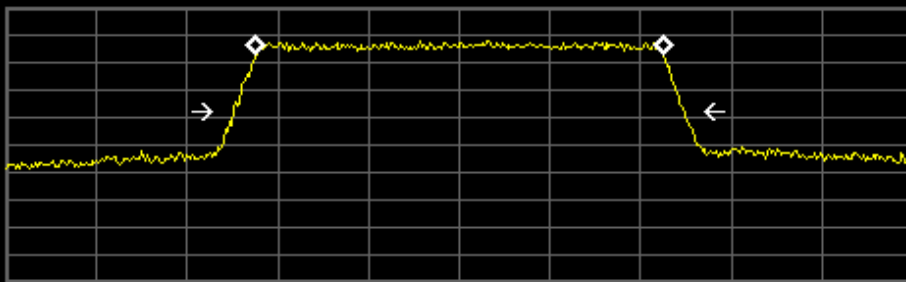
**Ch Freq** 701.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.36 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.36 dB



Center 701.500 MHz Span 10 MHz

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

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

4.4942 MHz **x dB** -26.00 dB

**Transmit Freq Error** -505.799 Hz

**x dB Bandwidth** 4.986 MHz

**Freq/Channel**

**Center Freq** 701.500000 MHz

**Start Freq** 696.500000 MHz

**Stop Freq** 706.500000 MHz

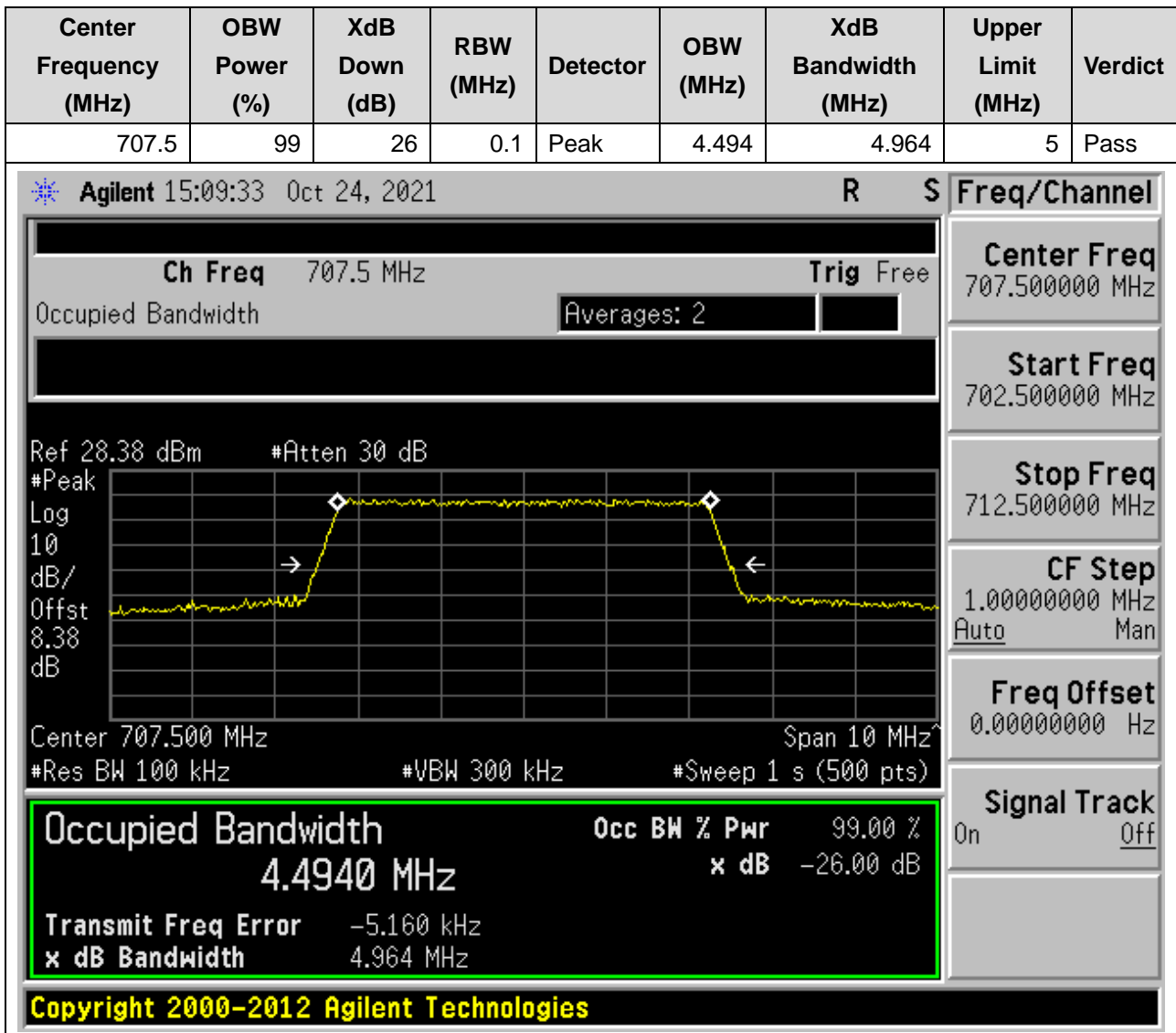
**CF Step** 1.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

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**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)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.501	4.959	5	Pass

Agilent 15:09:43 Oct 24, 2021 R S

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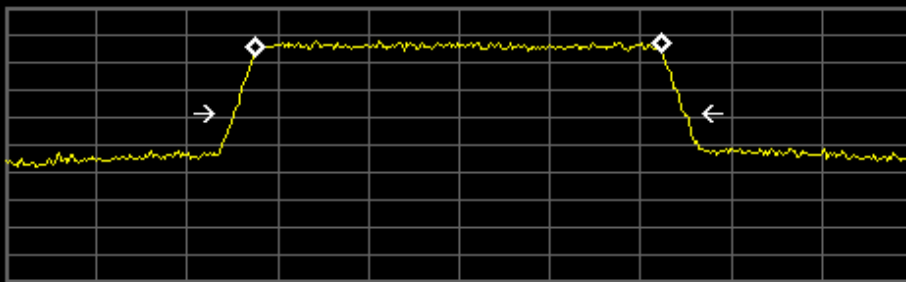
**Ch Freq** 707.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.38 dB



Center 707.500 MHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
707.500000 MHz

**Start Freq**  
702.500000 MHz

**Stop Freq**  
712.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**4.5014 MHz** **x dB** -26.00 dB

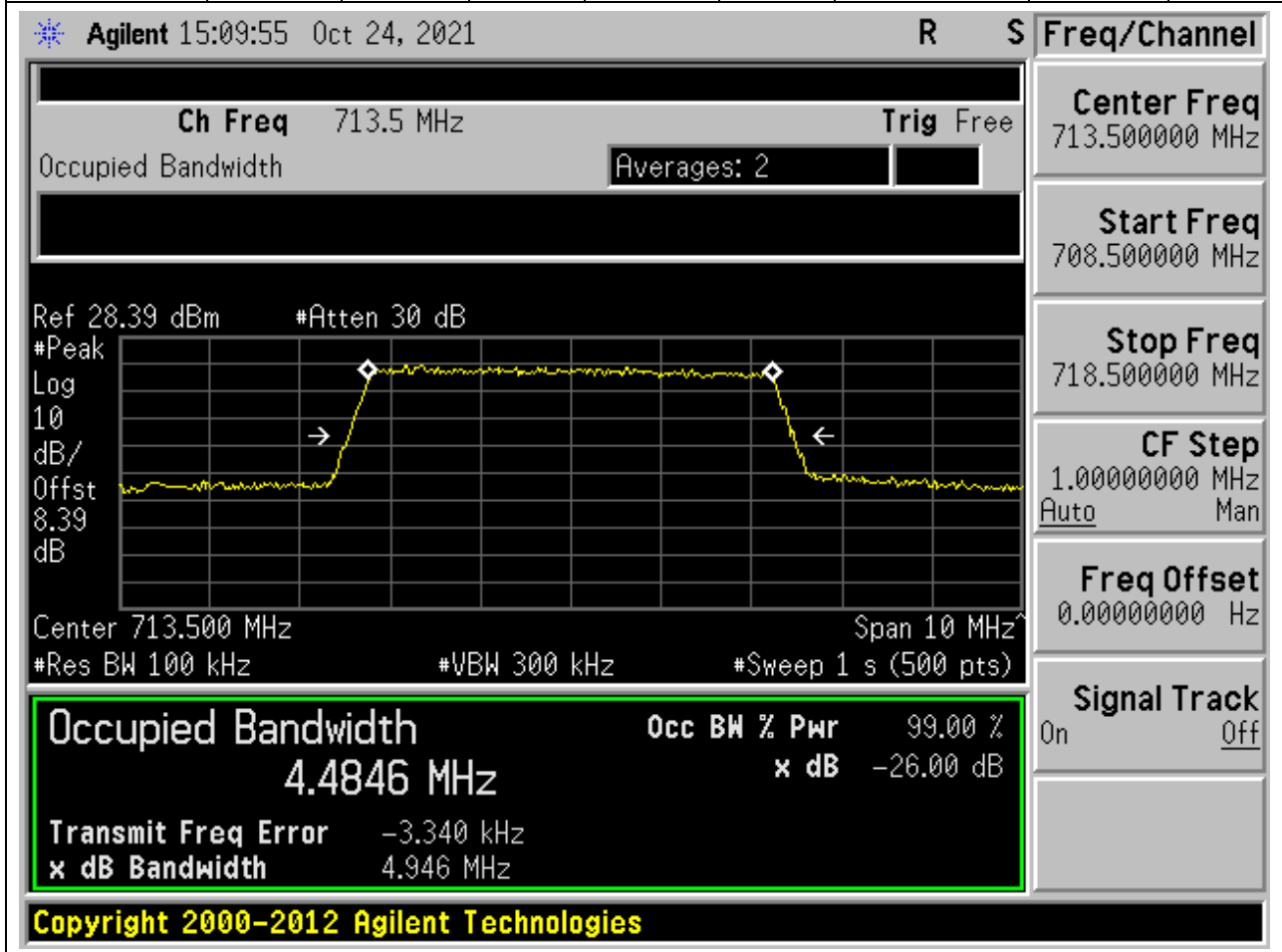
**Transmit Freq Error** -8.937 kHz

**x dB Bandwidth** 4.959 MHz

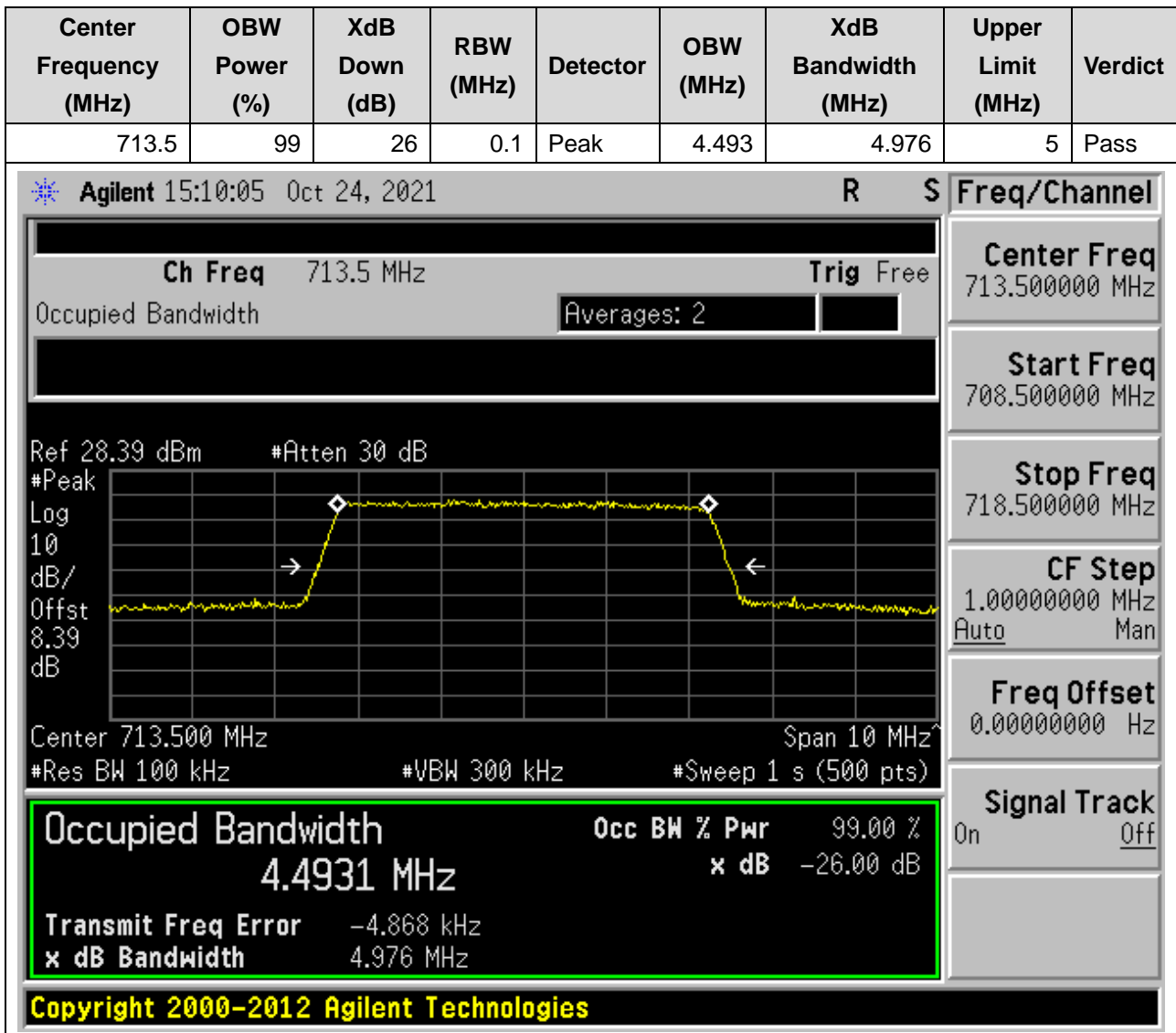
**Copyright 2000-2012 Agilent Technologies**

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	4.485	4.946	5	Pass



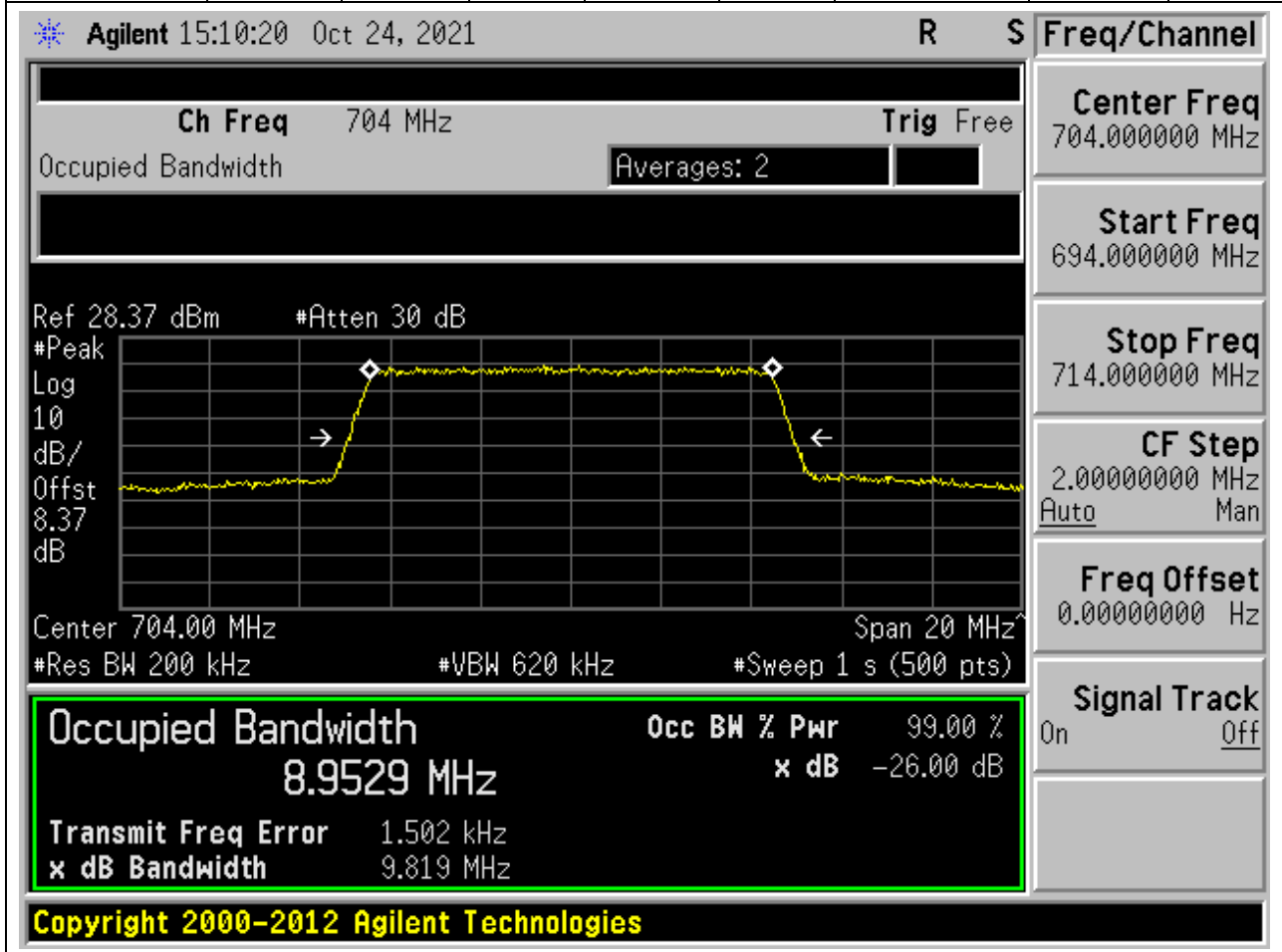
**12.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**





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

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	8.953	9.819	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
704	99	26	0.2	Peak	8.965	9.794	10	Pass

Agilent 15:10:30 Oct 24, 2021 R S

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**Ch Freq** 704 MHz **Trig** Free

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
704.000000 MHz

**Start Freq**  
694.000000 MHz

**Stop Freq**  
714.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

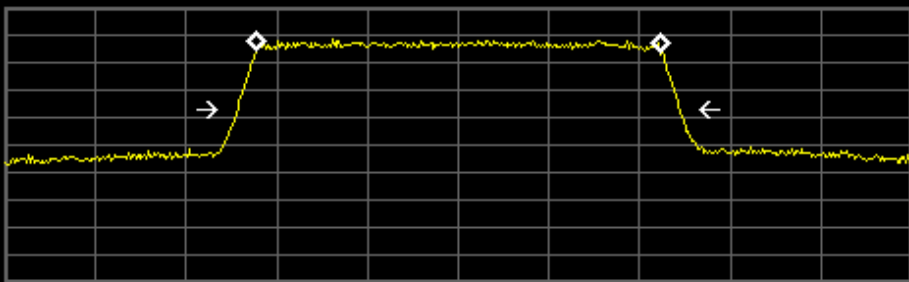
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 28.37 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.37 dB



Center 704.00 MHz Span 20 MHz

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

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

**8.9646 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 5.960 kHz

**x dB Bandwidth** 9.794 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.2	Peak	8.958	9.778	10	Pass

Agilent 15:10:43 Oct 24, 2021 R S

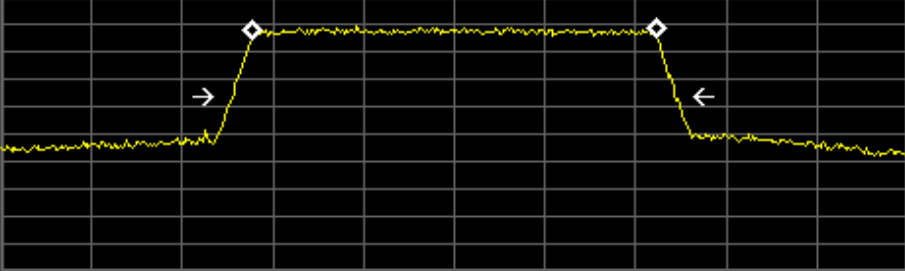
**Ch Freq** 707.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.38 dB



Center 707.50 MHz Span 20 MHz

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

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

**8.9576 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.681 kHz

**x dB Bandwidth** 9.778 MHz

**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

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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	8.955	9.774	10	Pass

Agilent 15:10:52 Oct 24, 2021 R S

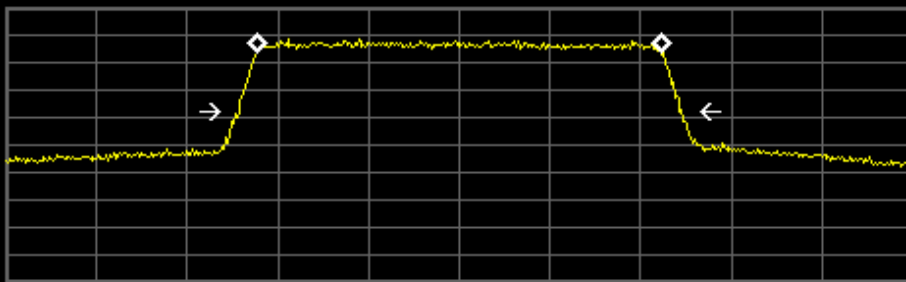
**Ch Freq** 707.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.38 dB



Center 707.50 MHz Span 20 MHz

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

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

**8.9551 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.339 kHz

**x dB Bandwidth** 9.774 MHz

**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

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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	8.935	9.766	10	Pass

Agilent 15:11:05 Oct 24, 2021 R S

---

**Ch Freq** 711 MHz **Trig** Free

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
711.000000 MHz

**Start Freq**  
701.000000 MHz

**Stop Freq**  
721.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

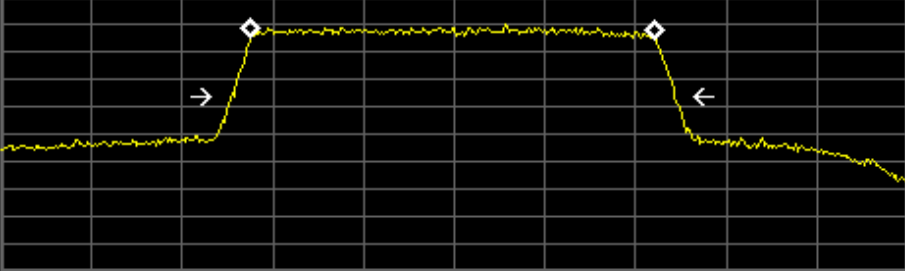
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.39 dB



Center 711.00 MHz Span 20 MHz

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

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

**8.9354 MHz** **x dB** -26.00 dB

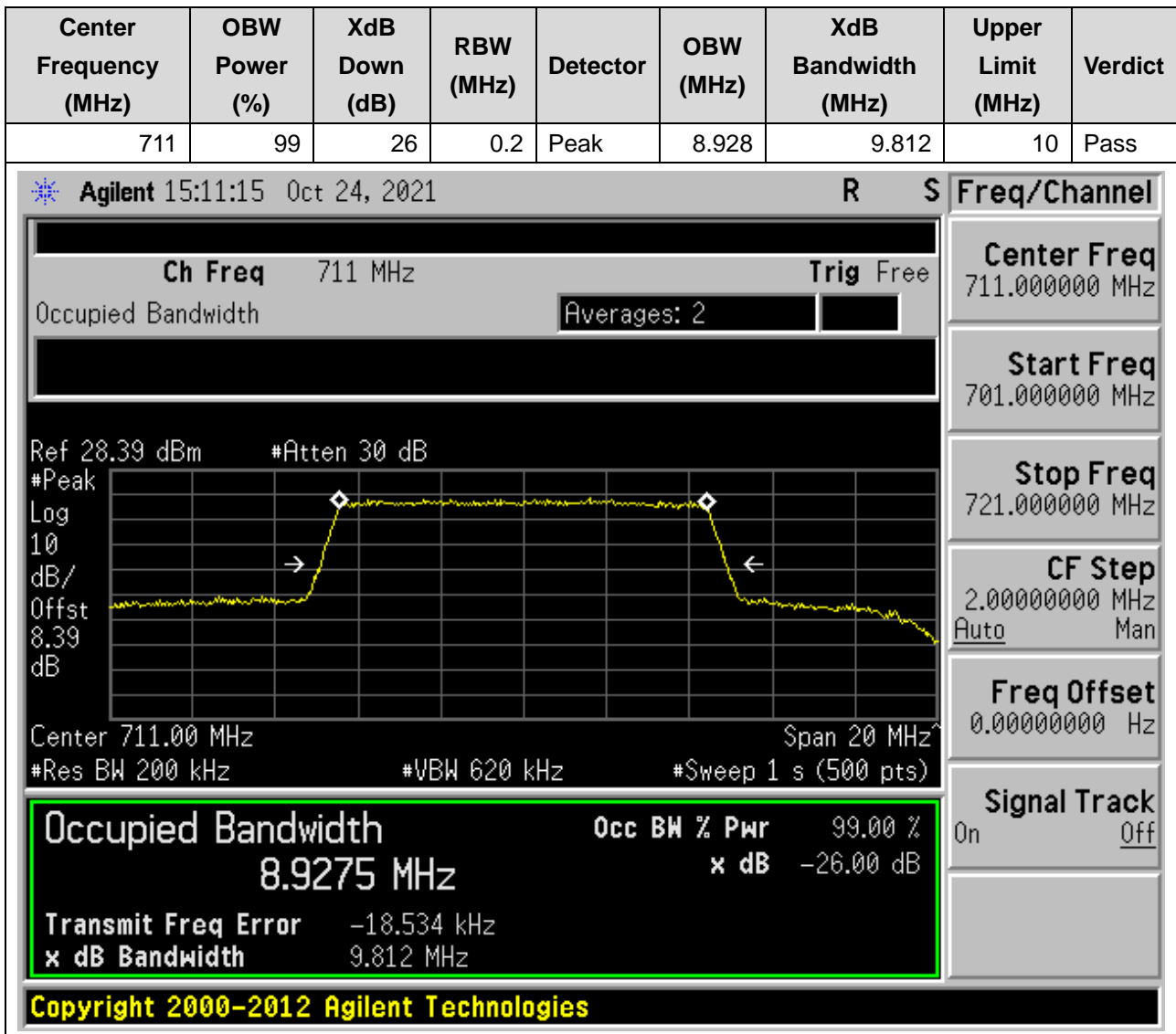
**Transmit Freq Error** -20.580 kHz

**x dB Bandwidth** 9.766 MHz

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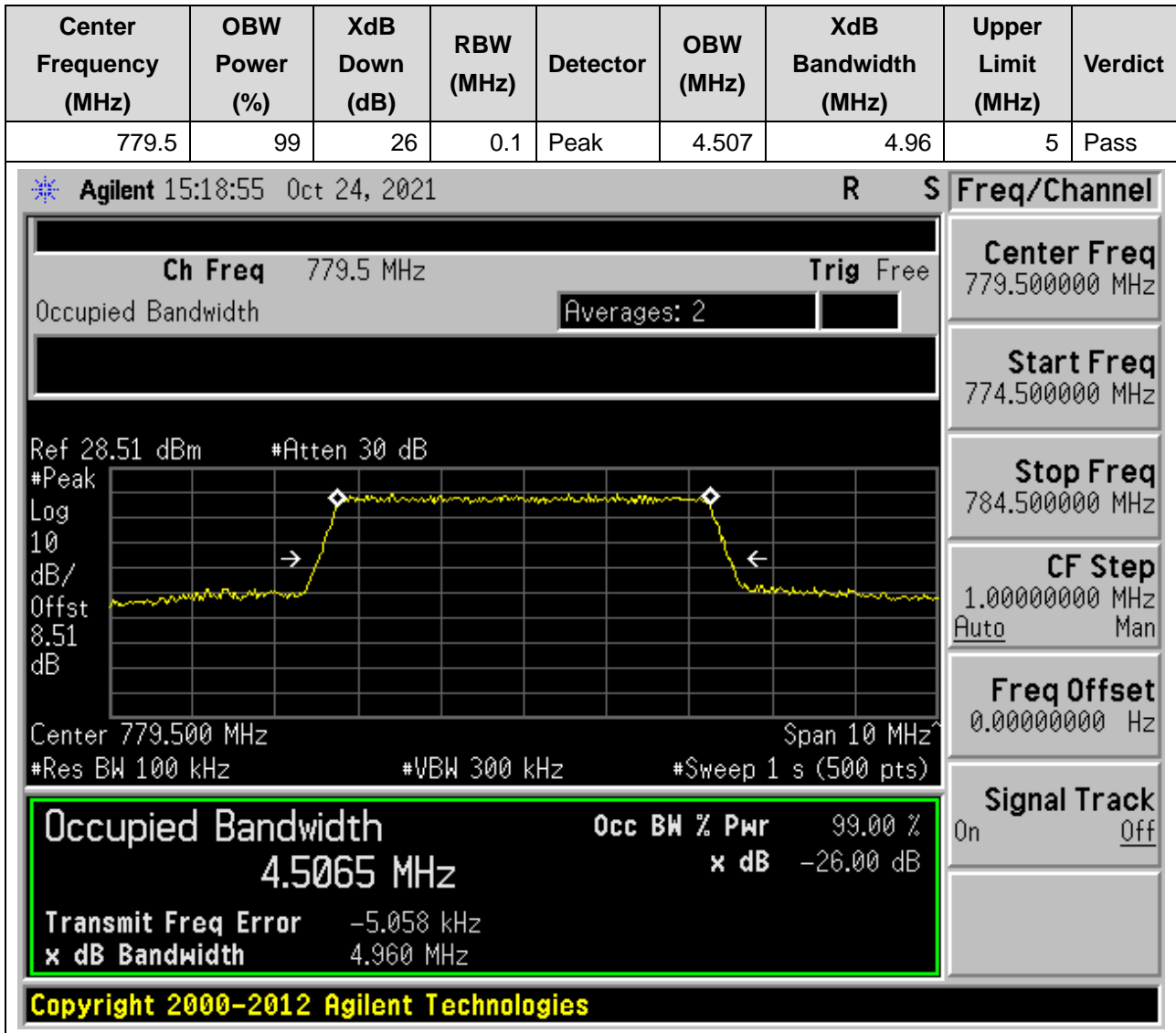
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**12.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

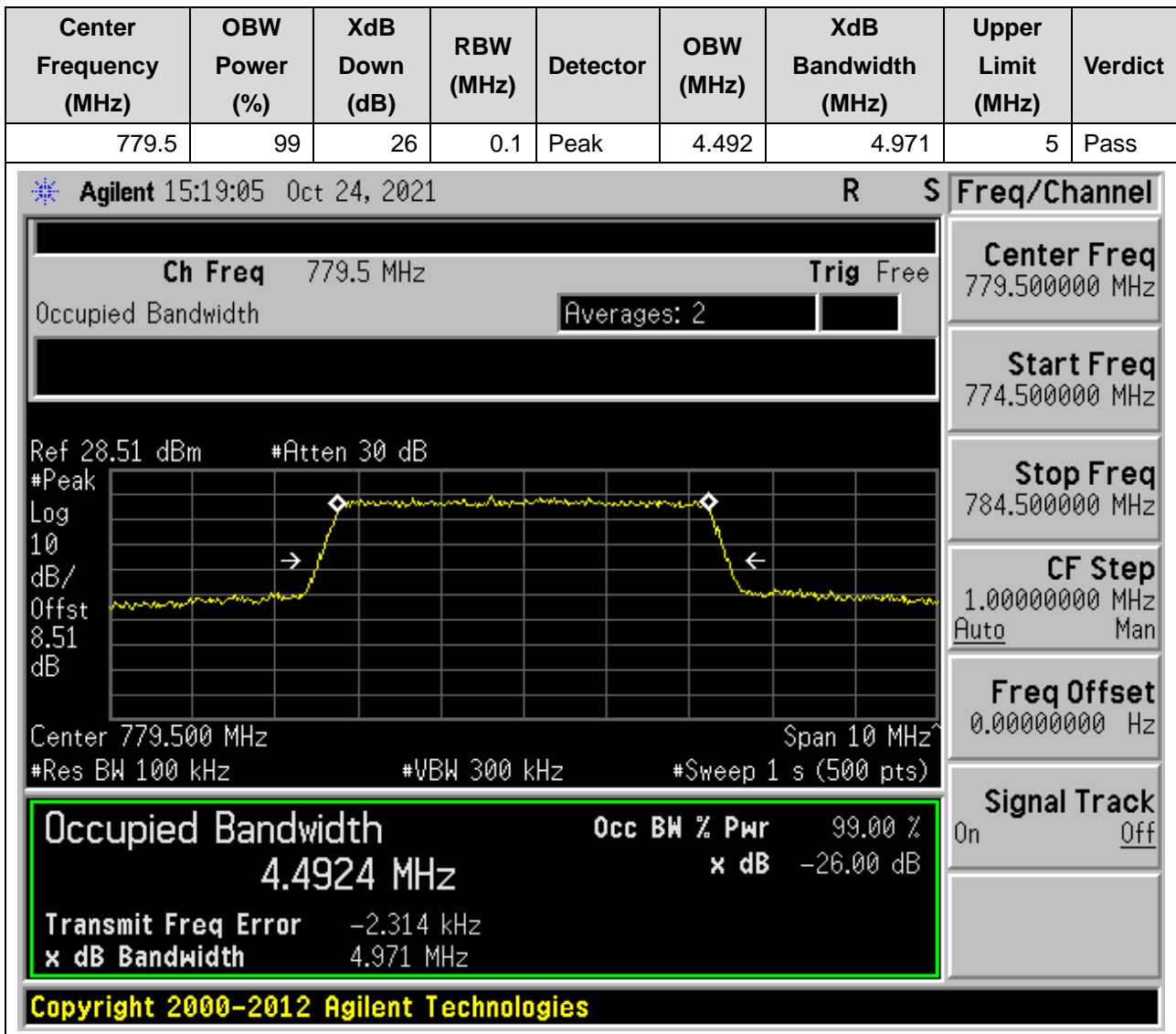


### 13. LTE\_Band13

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



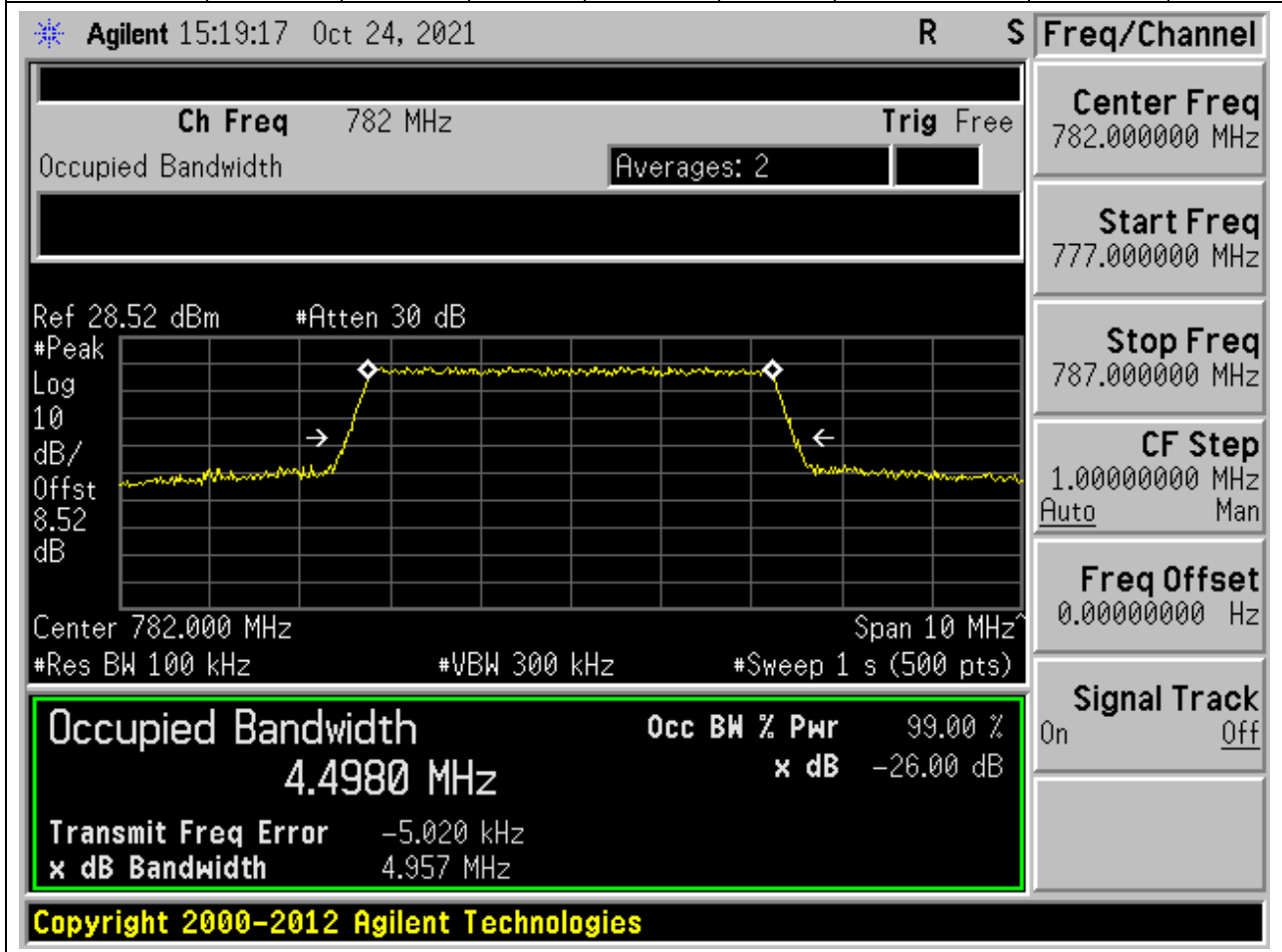
**13.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:23205, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**





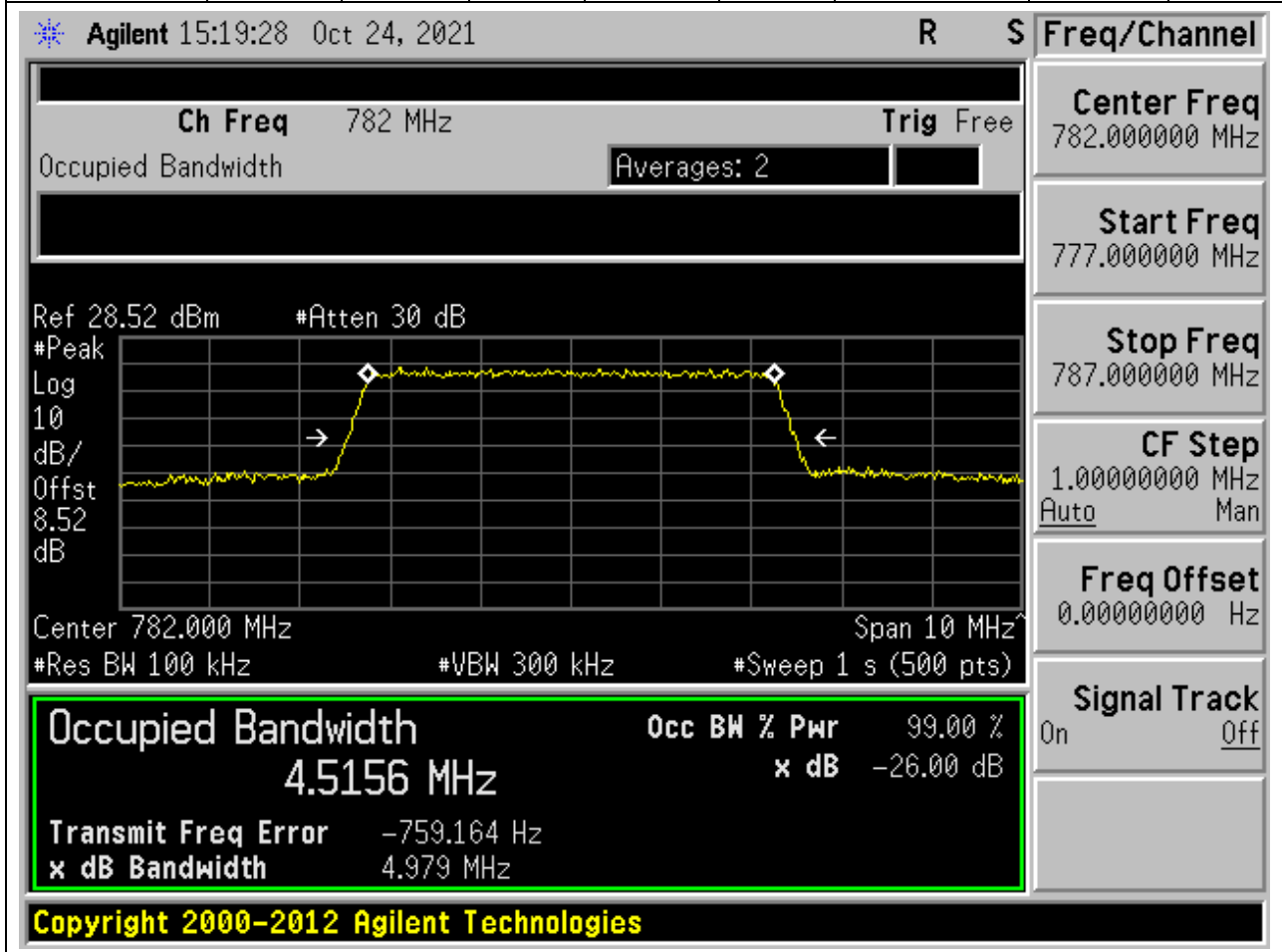
**13.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.498	4.957	5	Pass



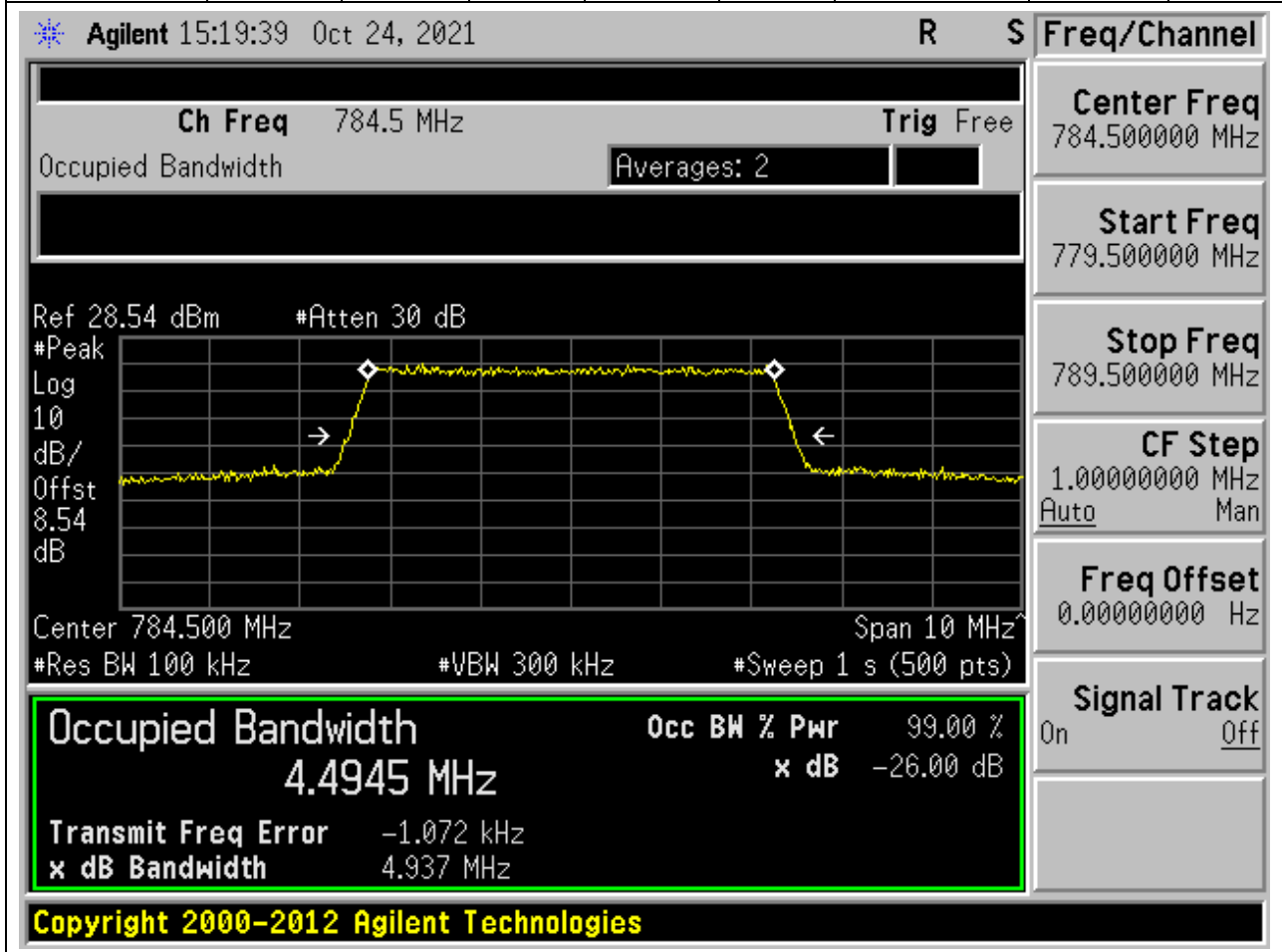
**13.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:23230, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.516	4.979	5	Pass



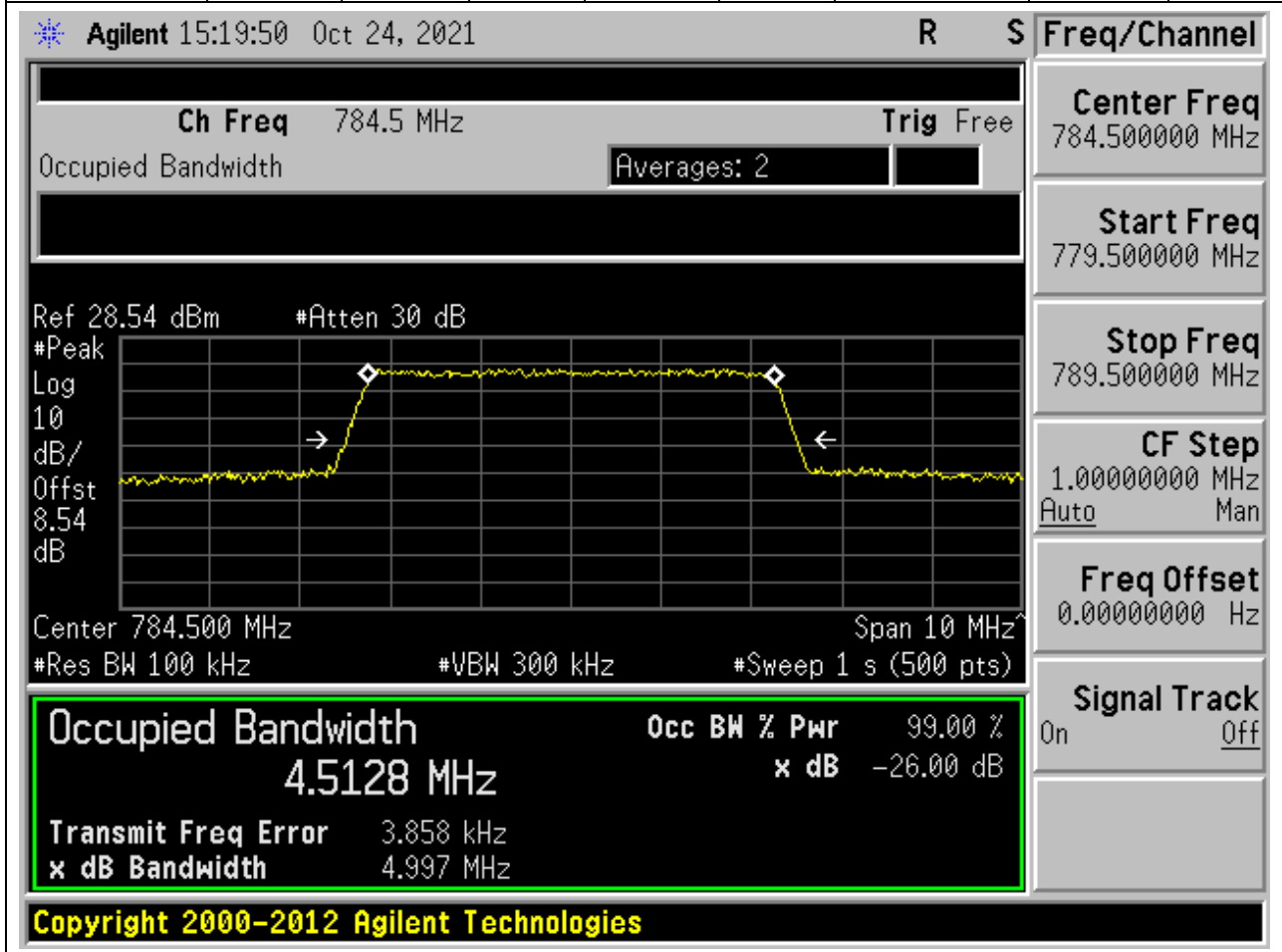
**13.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.495	4.937	5	Pass



**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	4.513	4.997	5	Pass



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

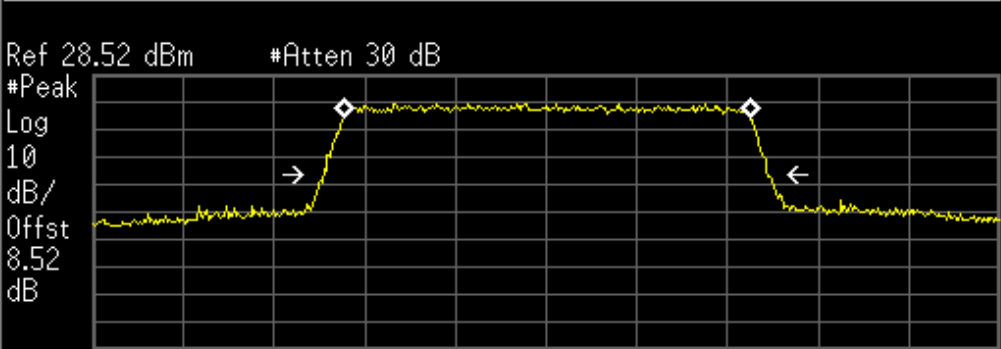
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
782	99	26	0.2	Peak	8.971	9.834	10	Pass

Agilent 15:20:05 Oct 24, 2021 R S

---

**Ch Freq** 782 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.52 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.52 dB

Center 782.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
782.000000 MHz

**Start Freq**  
772.000000 MHz

**Stop Freq**  
792.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9706 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 4.316 kHz

**x dB Bandwidth** 9.834 MHz

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

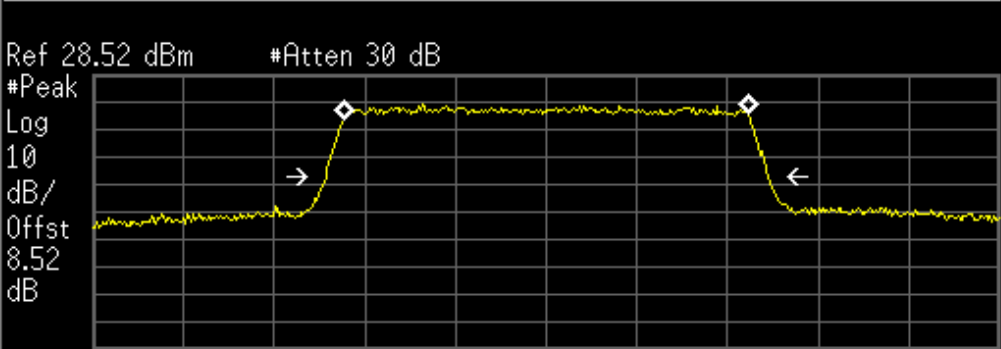
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
782	99	26	0.2	Peak	8.954	9.78	10	Pass

Agilent 15:20:15 Oct 24, 2021 R S

---

**Ch Freq** 782 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.52 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.52 dB

Center 782.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
782.000000 MHz

**Start Freq**  
772.000000 MHz

**Stop Freq**  
792.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9537 MHz** **x dB** -26.00 dB

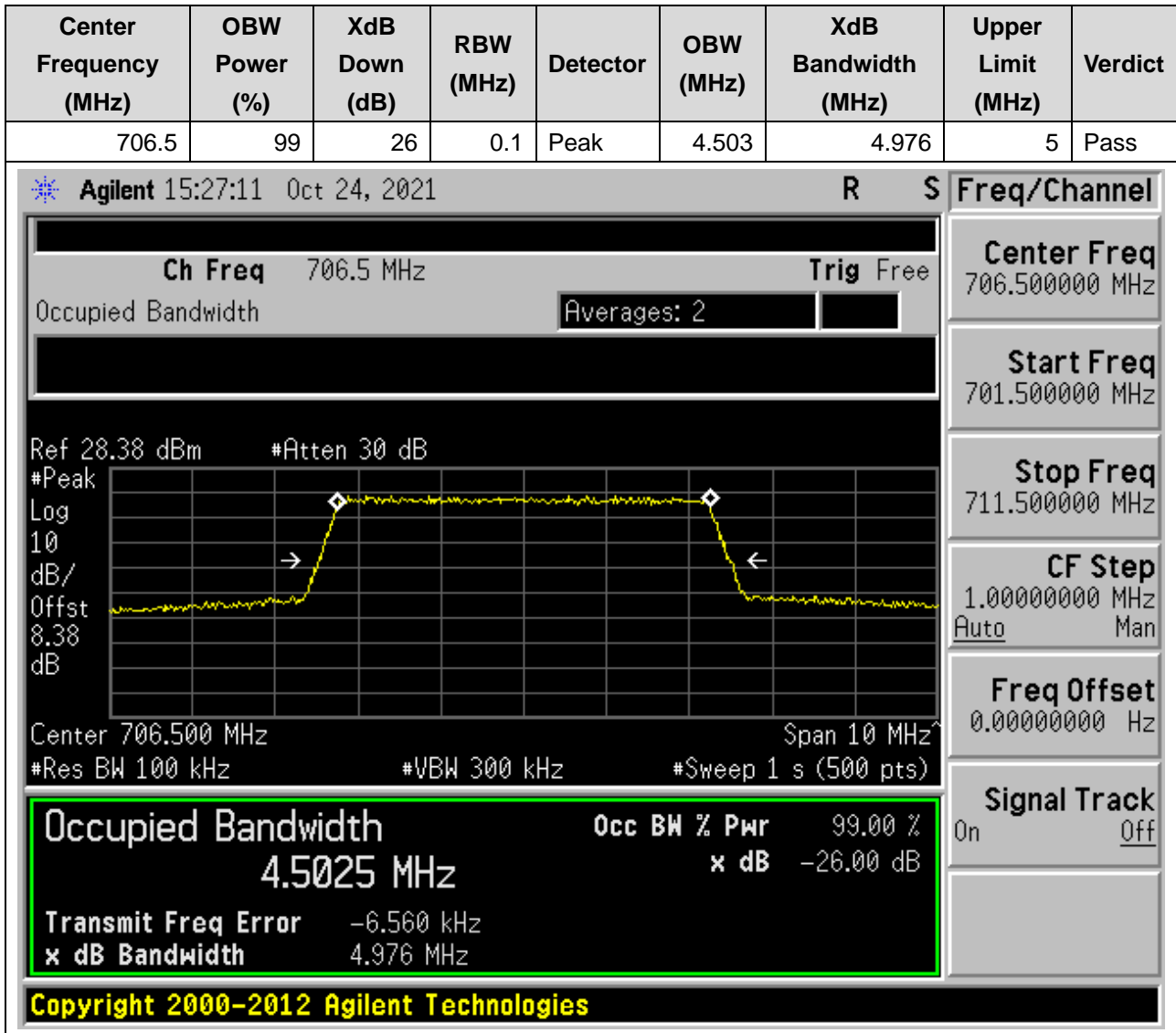
**Transmit Freq Error** 3.097 kHz

**x dB Bandwidth** 9.780 MHz

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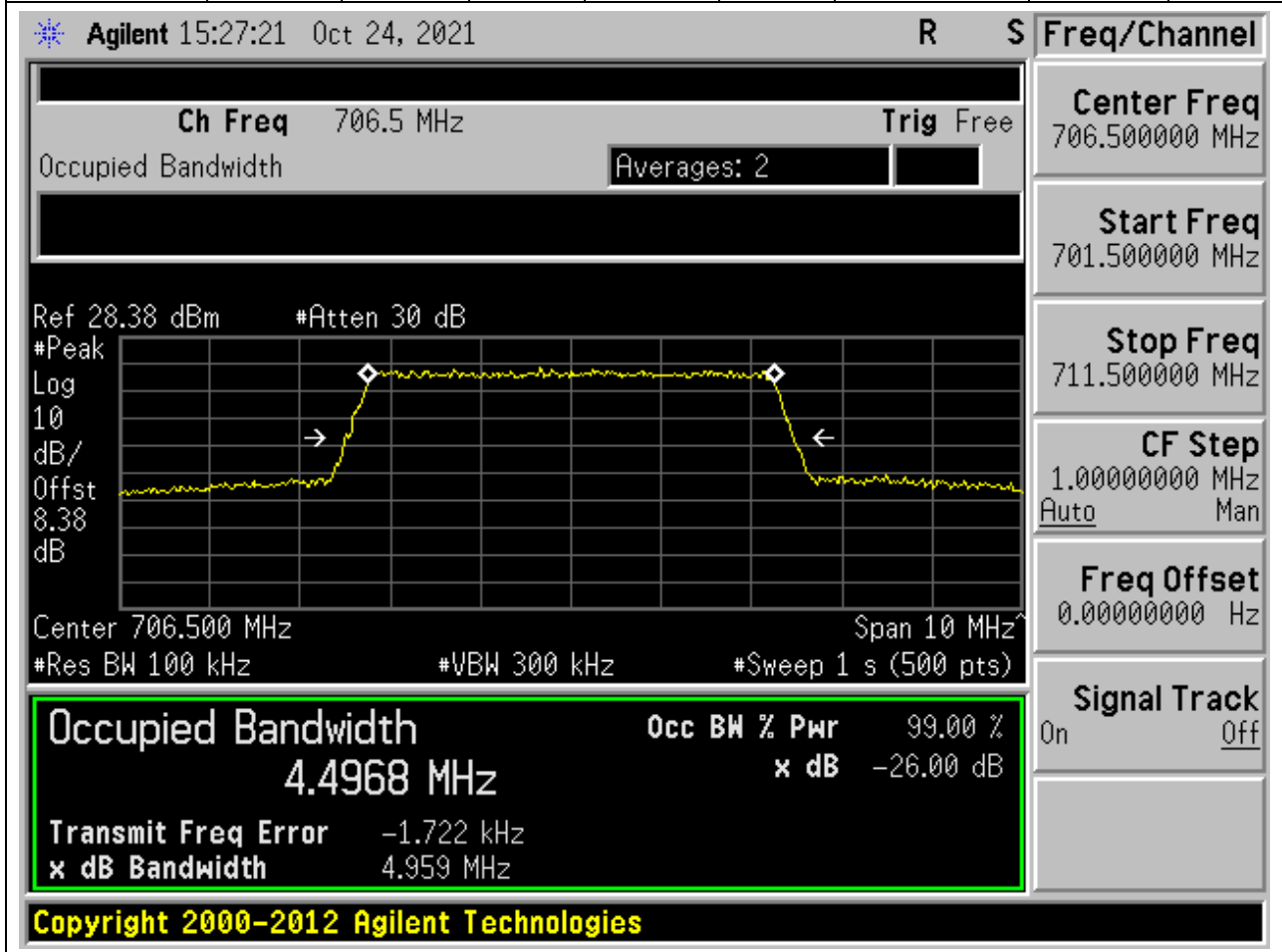
## 14. LTE\_Band17

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	4.497	4.959	5	Pass





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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.1	Peak	4.503	4.971	5	Pass

Agilent 15:27:33 Oct 24, 2021 R S

---

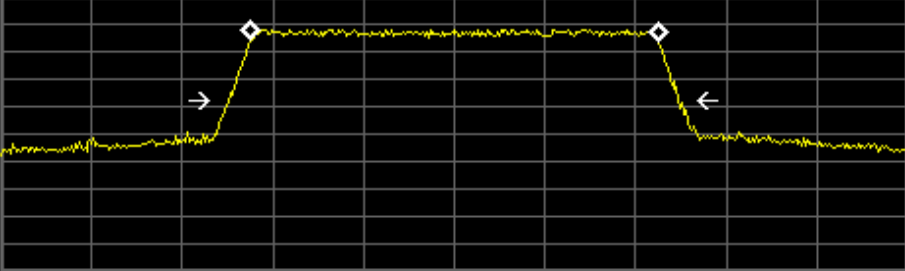
**Ch Freq** 710 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.39 dB



Center 710.000 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 %
4.5032 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-4.555 kHz	
<b>x dB Bandwidth</b>	4.971 MHz	

---

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**Freq/Channel**

**Center Freq** 710.000000 MHz

**Start Freq** 705.000000 MHz

**Stop Freq** 715.000000 MHz

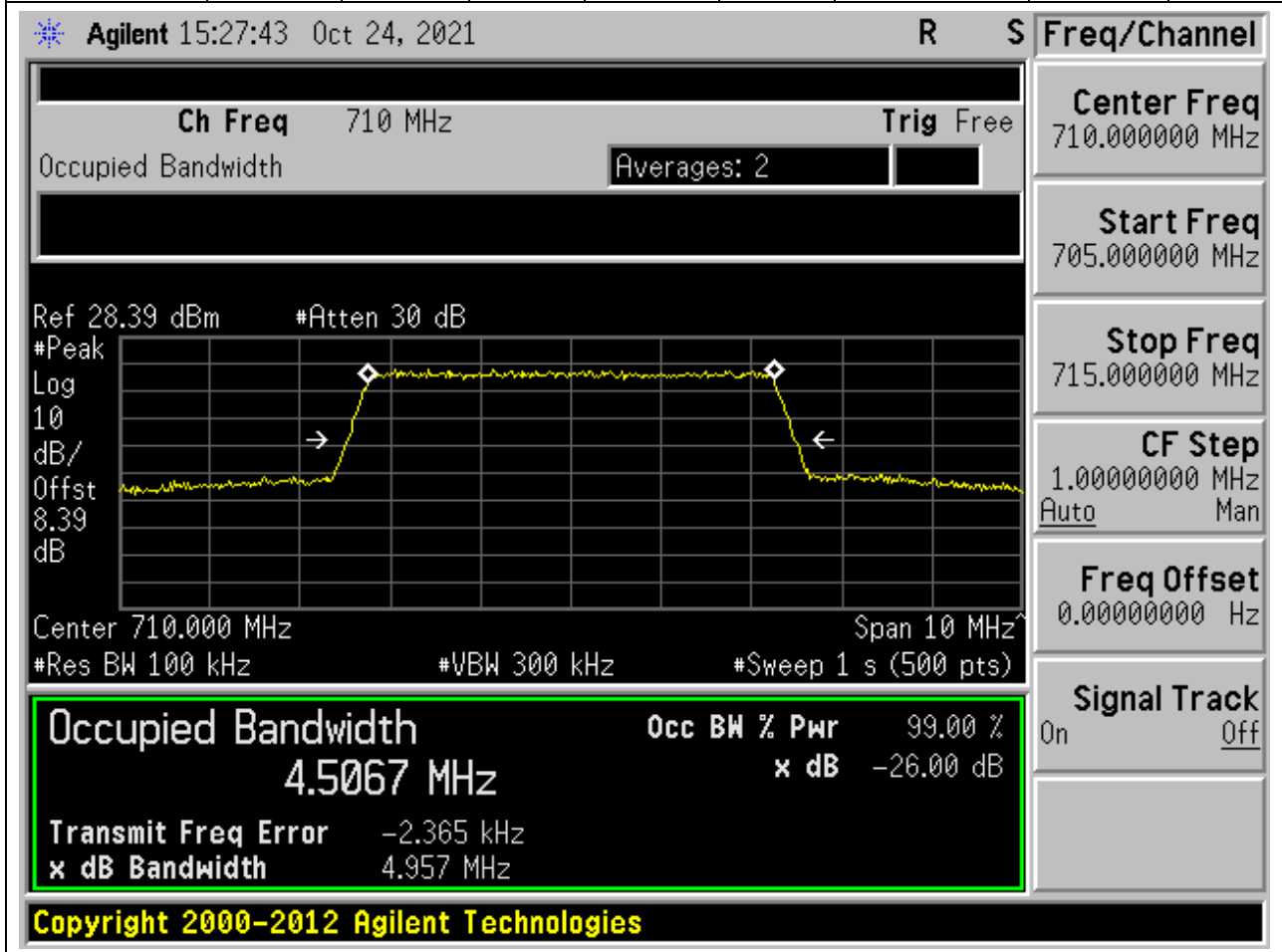
**CF Step** 1.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	4.507	4.957	5	Pass



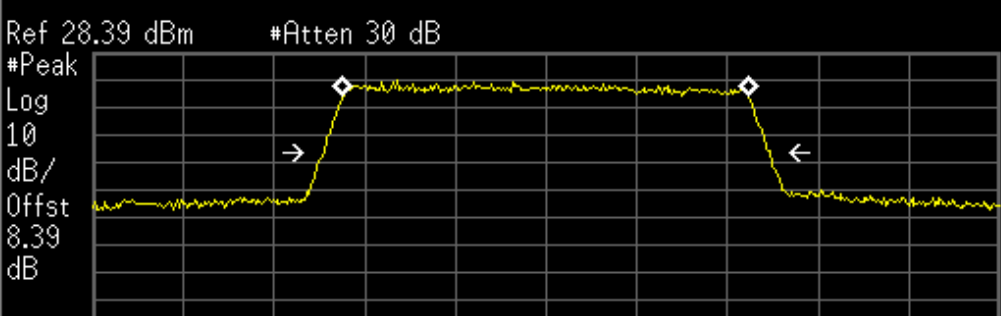
**14.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.485	4.944	5	Pass

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**Ch Freq** 713.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.39 dB

Center 713.500 MHz Span 10 MHz

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

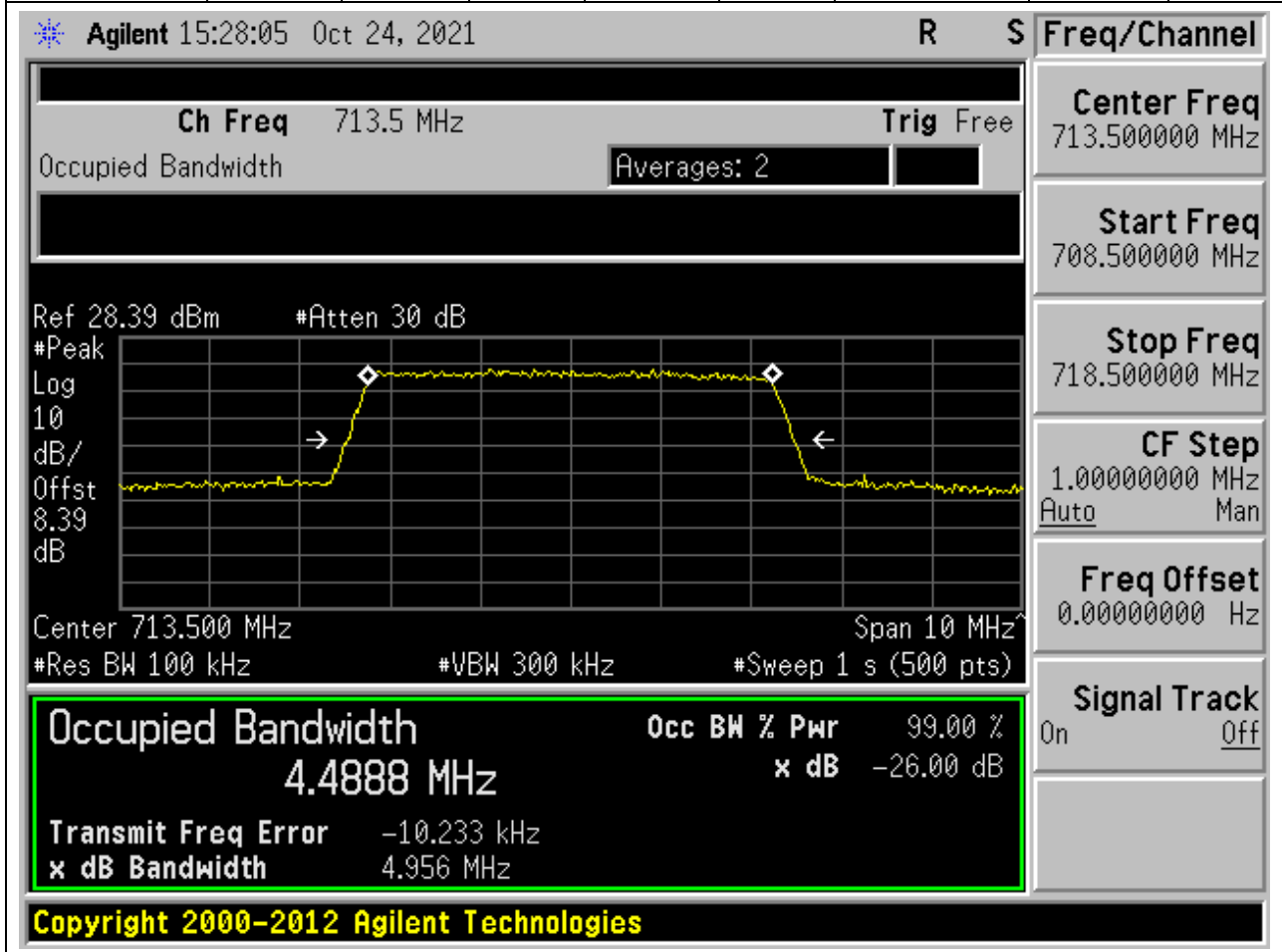
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4853 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-9.132 kHz	
<b>x dB Bandwidth</b>	4.944 MHz	

**Signal Track**  
On Off

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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	4.489	4.956	5	Pass



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

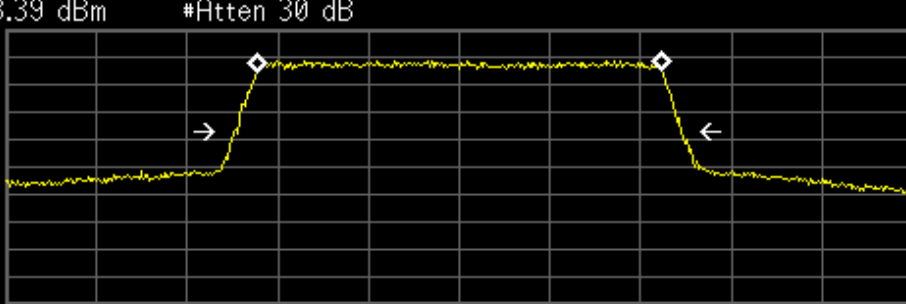
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
709	99	26	0.2	Peak	8.965	9.892	10	Pass

Agilent 15:28:21 Oct 24, 2021 R S

---

**Ch Freq** 709 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.39 dB

Center 709.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
709.000000 MHz

**Start Freq**  
699.000000 MHz

**Stop Freq**  
719.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9648 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.804 kHz

**x dB Bandwidth** 9.892 MHz

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**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	8.977	9.76	10	Pass

Agilent 15:28:30 Oct 24, 2021 R S

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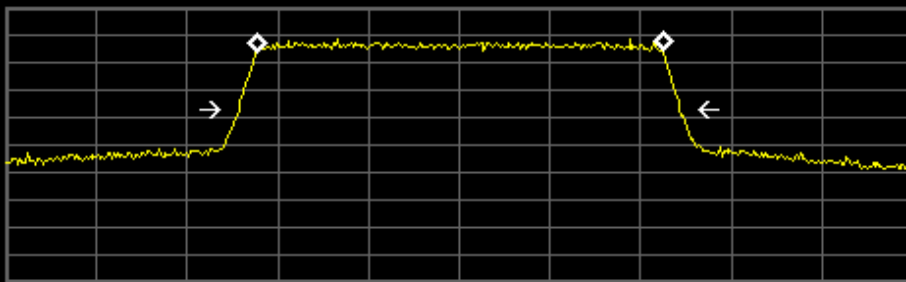
**Ch Freq** 709 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.39 dB



Center 709.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
709.000000 MHz

**Start Freq**  
699.000000 MHz

**Stop Freq**  
719.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9767 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.691 kHz

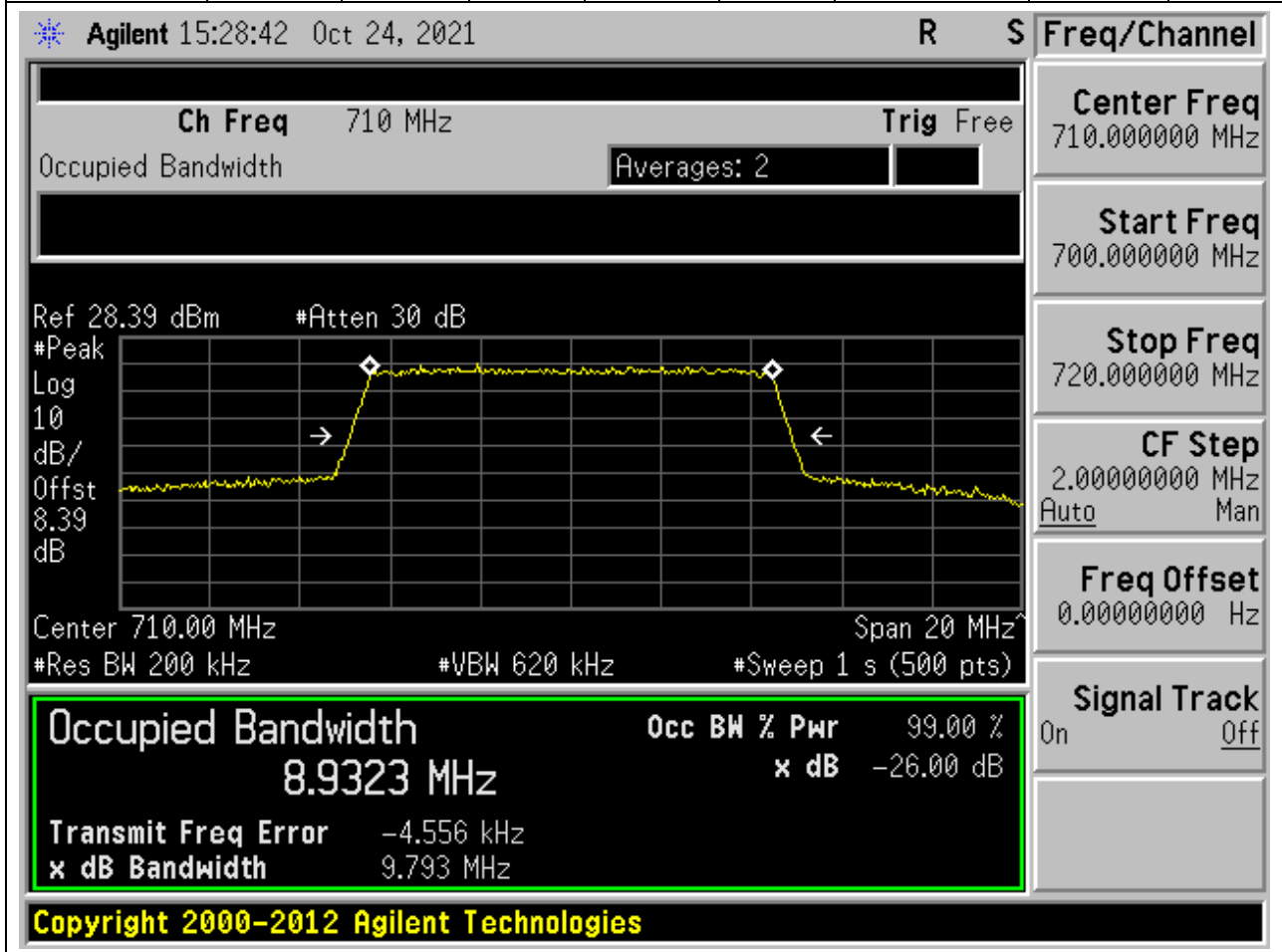
**x dB Bandwidth** 9.760 MHz

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**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	8.932	9.793	10	Pass



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

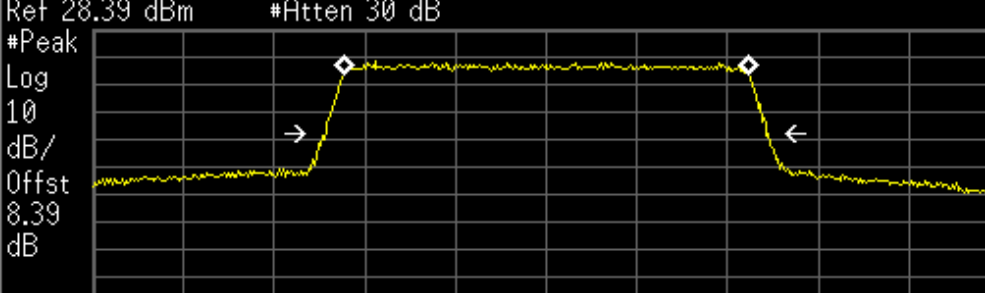
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.2	Peak	8.943	9.751	10	Pass

Agilent 15:28:53 Oct 24, 2021 R S

---

**Ch Freq** 710 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.39 dB

Center 710.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
710.000000 MHz

**Start Freq**  
700.000000 MHz

**Stop Freq**  
720.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9426 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -6.106 kHz

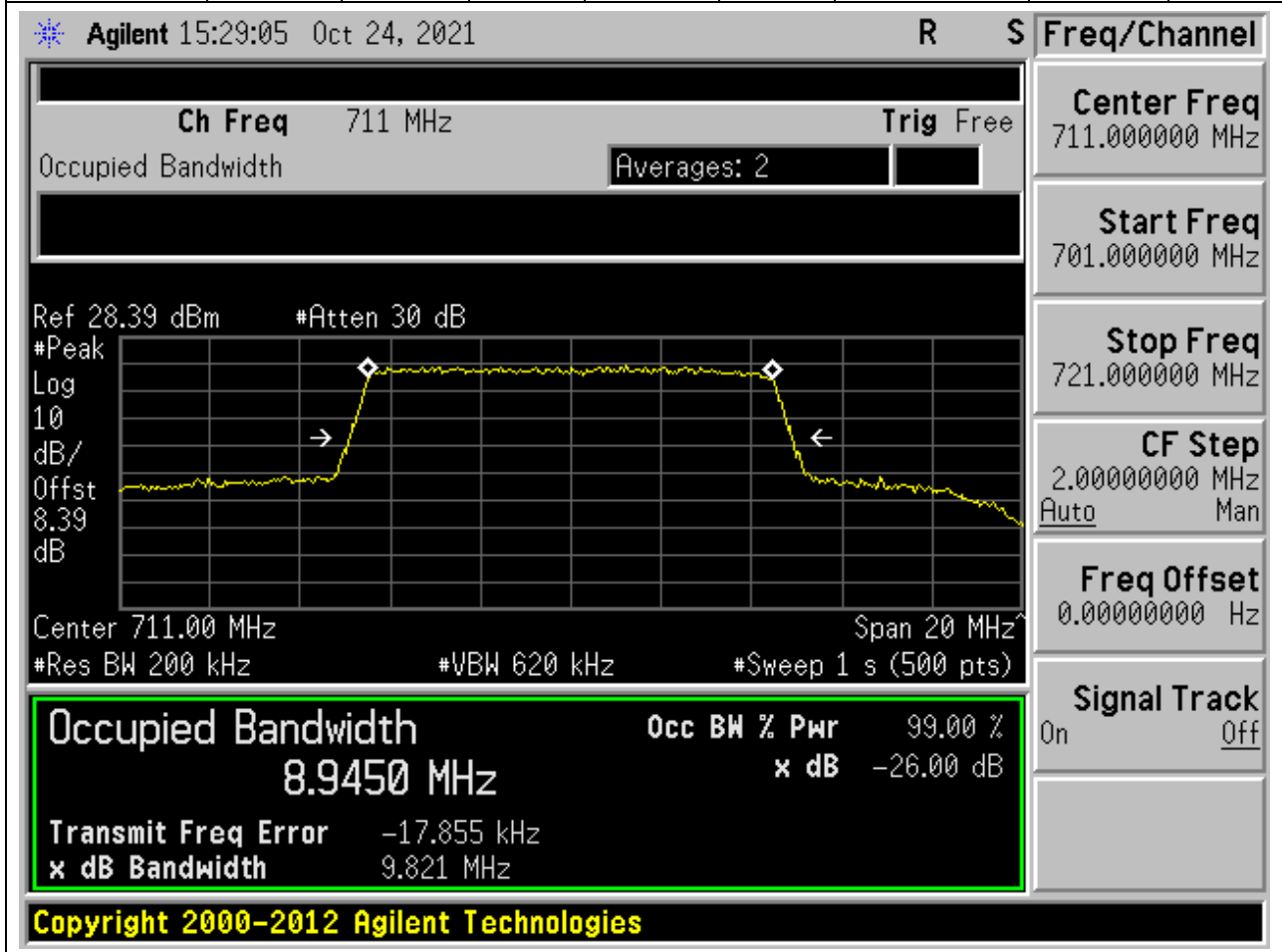
**x dB Bandwidth** 9.751 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.945	9.821	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.931	9.813	10	Pass

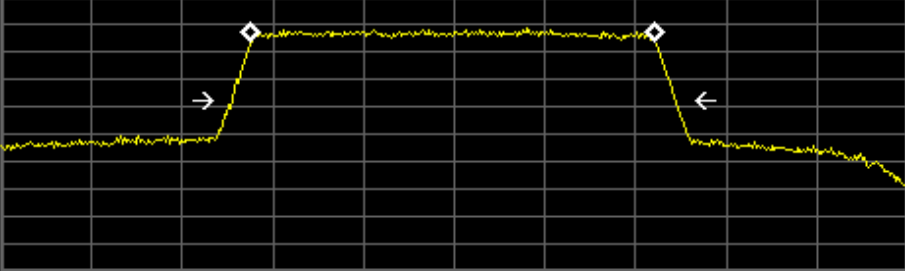
Agilent 15:29:15 Oct 24, 2021 R S

**Ch Freq** 711 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.39 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.39 dB



Center 711.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
711.000000 MHz

**Start Freq**  
701.000000 MHz

**Stop Freq**  
721.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9309 MHz** **x dB** -26.00 dB

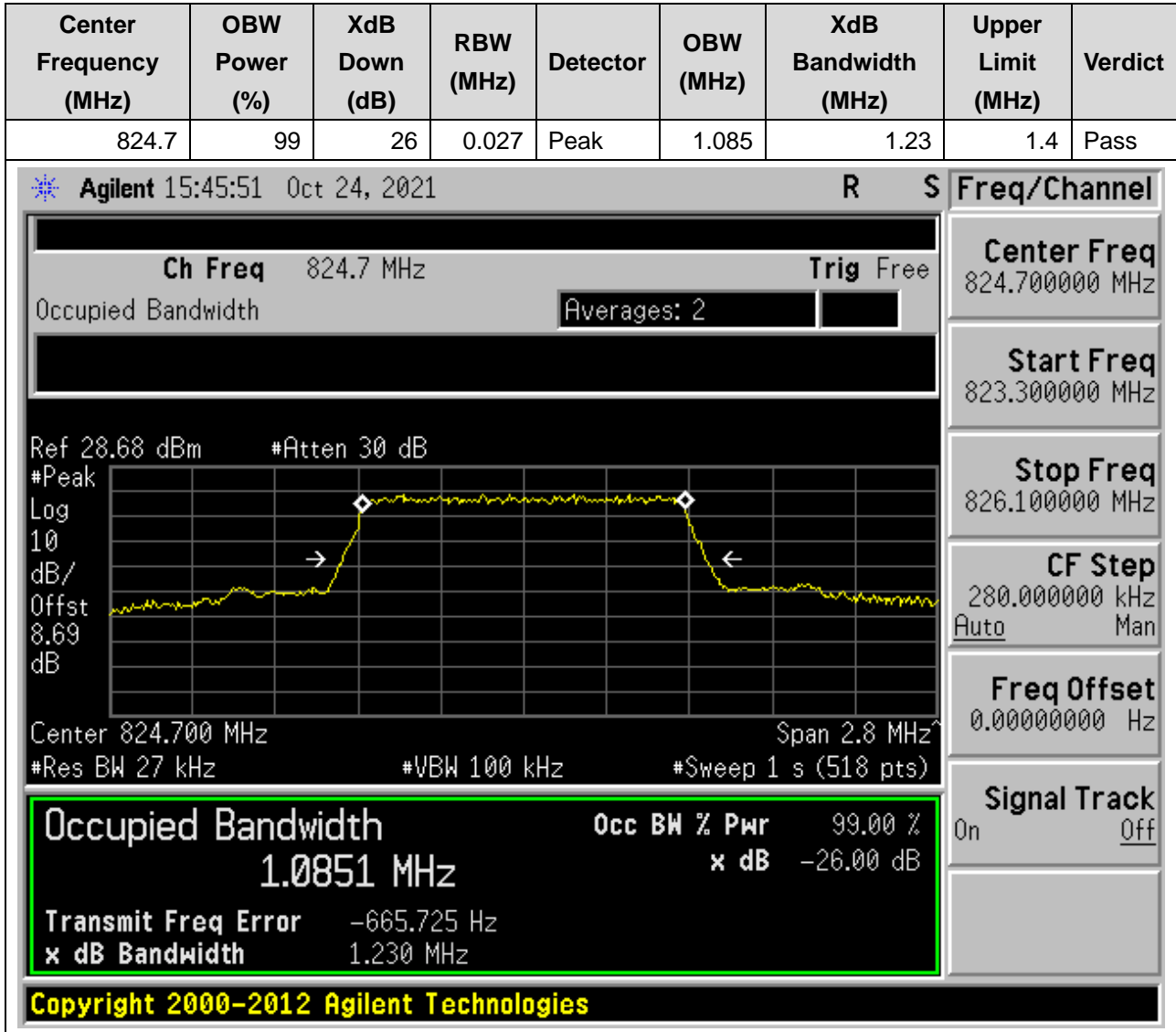
**Transmit Freq Error** -18.983 kHz

**x dB Bandwidth** 9.813 MHz

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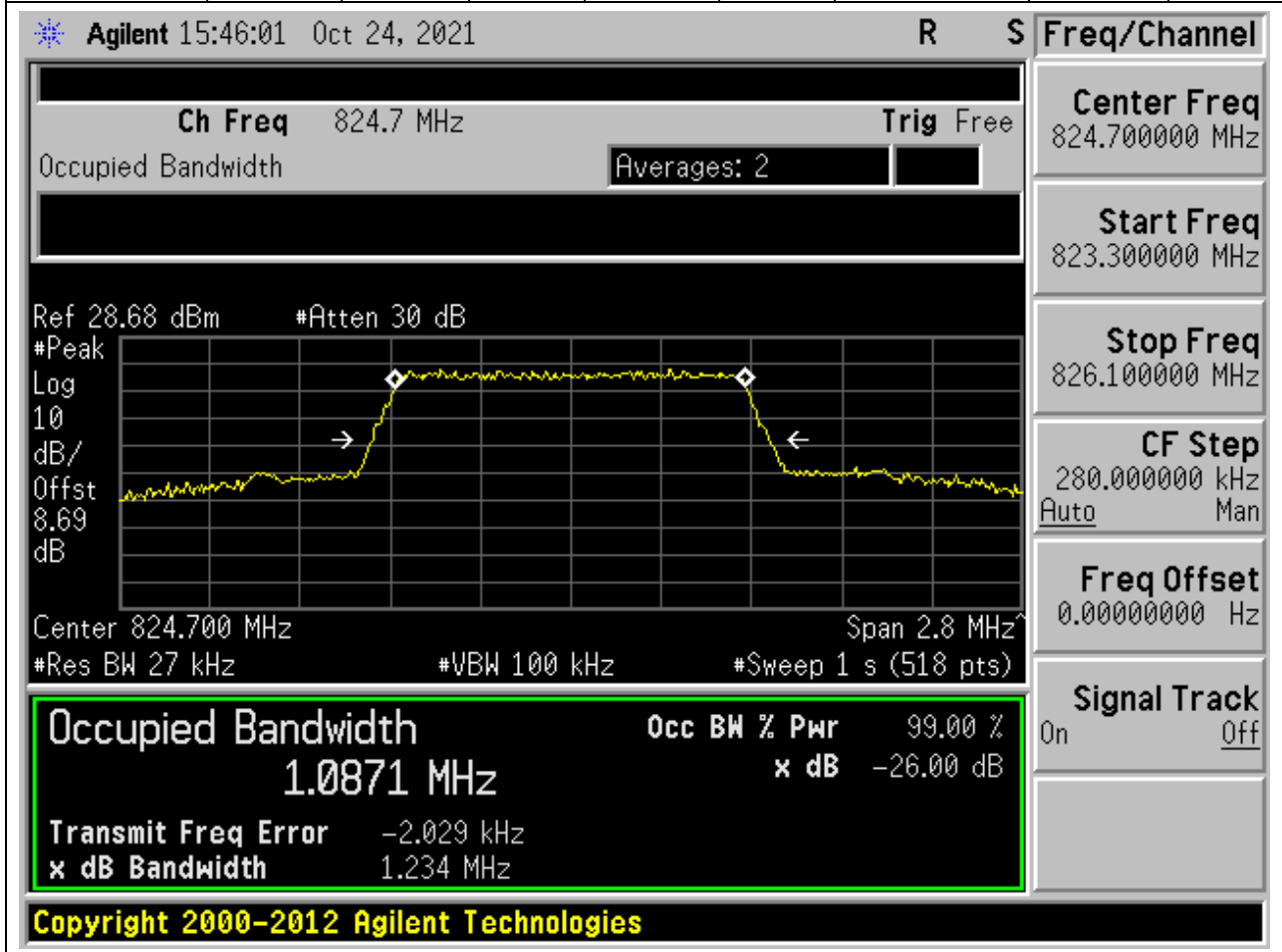
## 15. LTE\_Band26(part22)

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	1.234	1.4	Pass



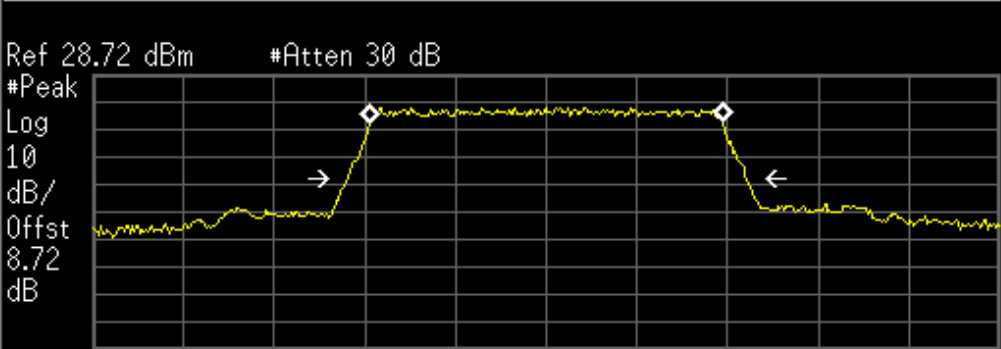
**15.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:26915, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.233	1.4	Pass

Agilent 15:46:13 Oct 24, 2021 R 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 836.500 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
835.100000 MHz

**Stop Freq**  
837.900000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

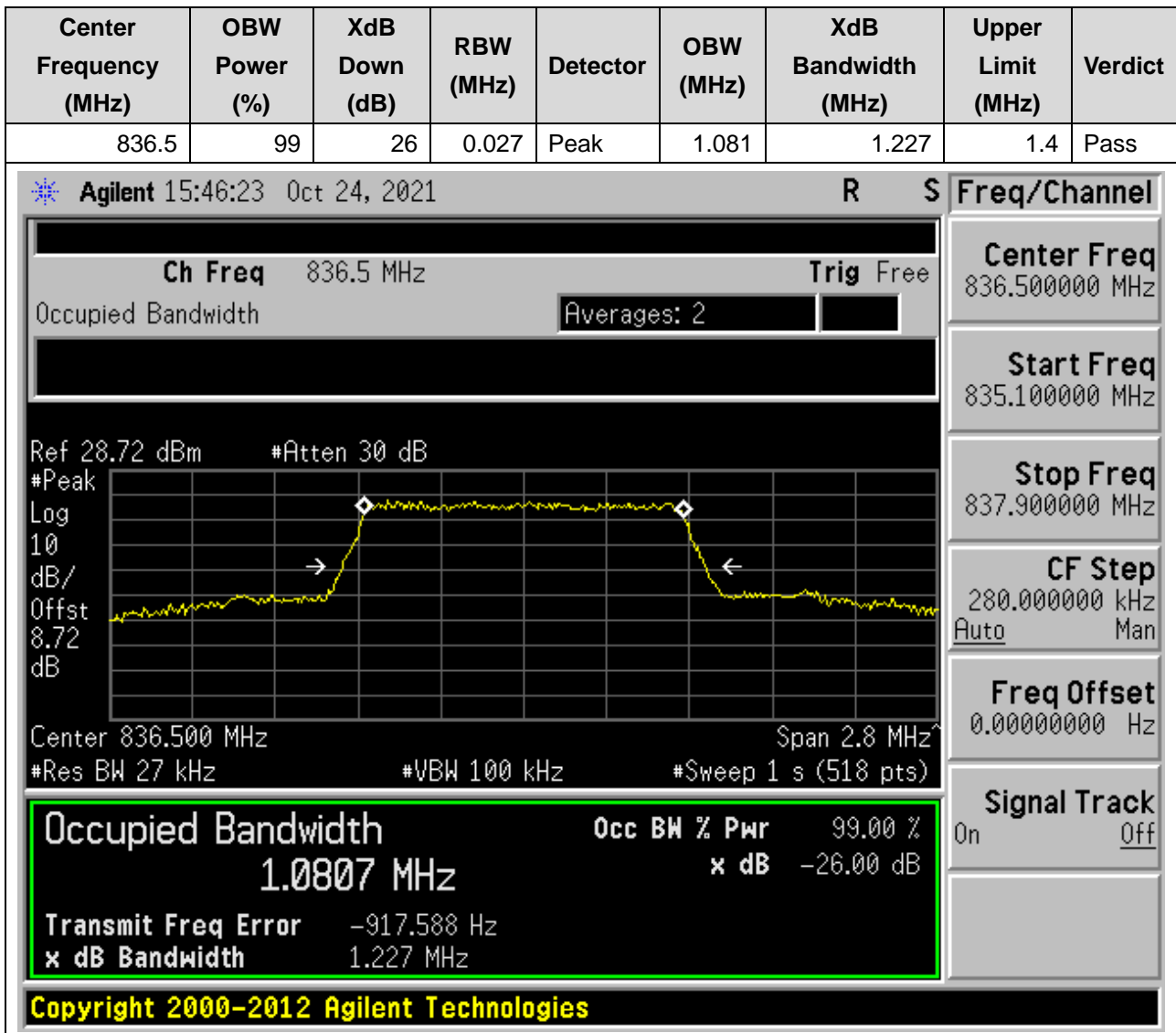
**1.0860 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -195.365 Hz

**x dB Bandwidth** 1.233 MHz

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



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

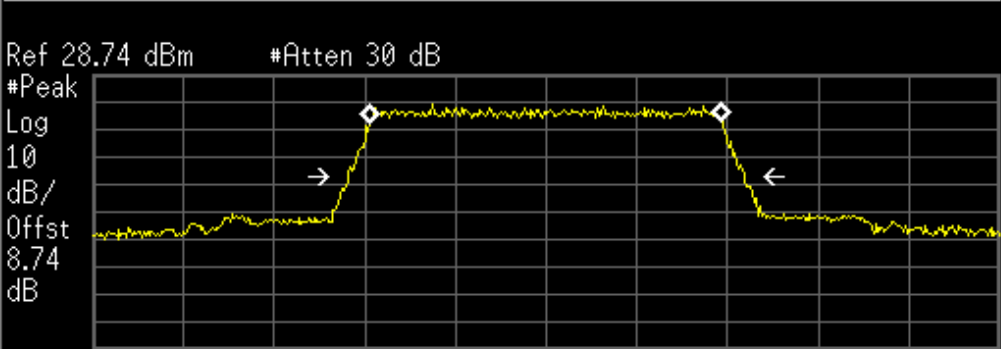
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.087	1.224	1.4	Pass

Agilent 15:46:35 Oct 24, 2021 R S

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**Ch Freq** 848.3 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 848.300 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
848.300000 MHz

**Start Freq**  
846.900000 MHz

**Stop Freq**  
849.700000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**1.0868 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.002 kHz

**x dB Bandwidth** 1.224 MHz

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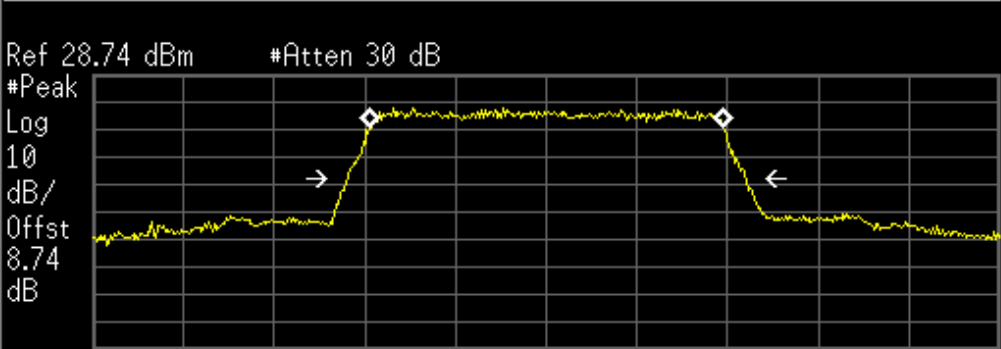
**15.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:27033, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.086	1.232	1.4	Pass

Agilent 15:46:45 Oct 24, 2021 R S

**Ch Freq** 848.3 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 848.300 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
848.300000 MHz

**Start Freq**  
846.900000 MHz

**Stop Freq**  
849.700000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0858 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -427.341 Hz

**x dB Bandwidth** 1.232 MHz

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

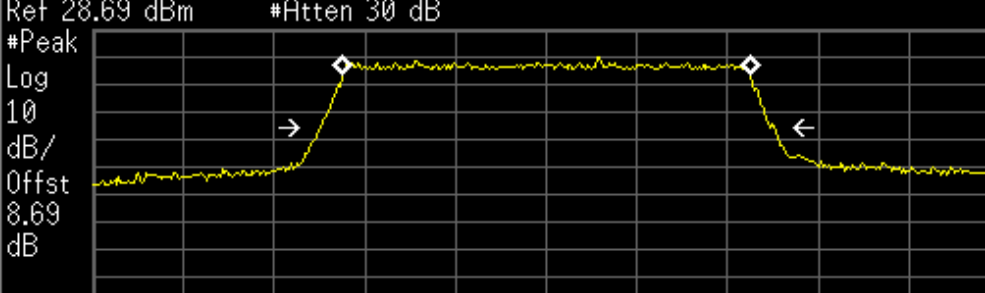
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.699	3.008	3	Pass

Agilent 15:47:02 Oct 24, 2021 R 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 %

**2.6995 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.996 kHz

**x dB Bandwidth** 3.008 MHz

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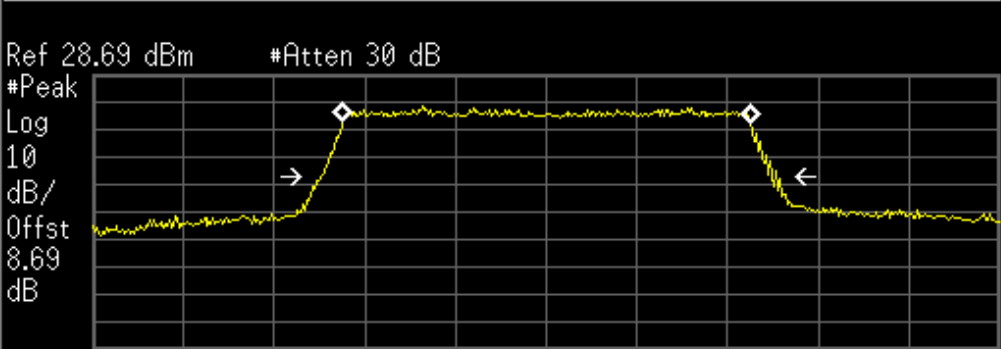
**15.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:26805, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	3.034	3	Pass

Agilent 15:47:12 Oct 24, 2021 R 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 %
2.6973 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	1.169 kHz	
<b>x dB Bandwidth</b>	3.034 MHz	

**Signal Track**  
On Off

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

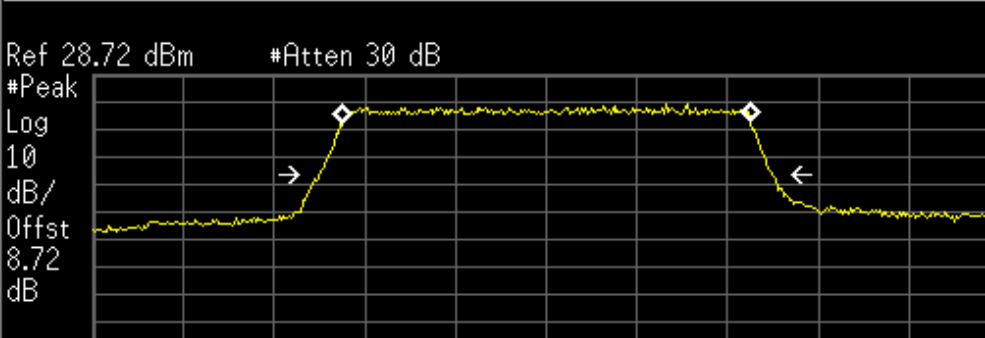
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.697	2.998	3	Pass

Agilent 15:47:24 Oct 24, 2021 R 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 836.500 MHz Span 6 MHz

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

**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

---

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

**2.6965 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.259 kHz

**x dB Bandwidth** 2.998 MHz

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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	2.698	3.002	3	Pass

Agilent 15:47:34 Oct 24, 2021 R S

---

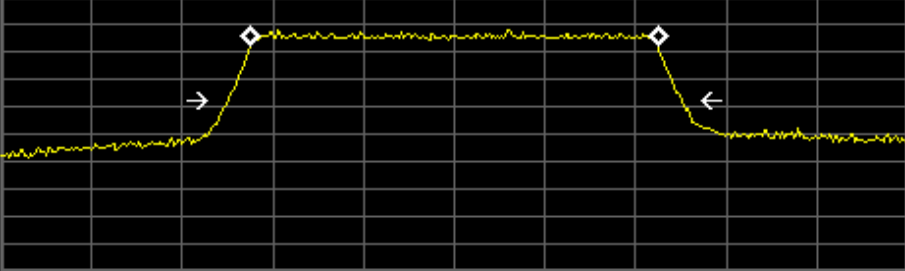
**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 28.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB



Center 836.500 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 %
2.6979 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-4.082 kHz	
<b>x dB Bandwidth</b>	3.002 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

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

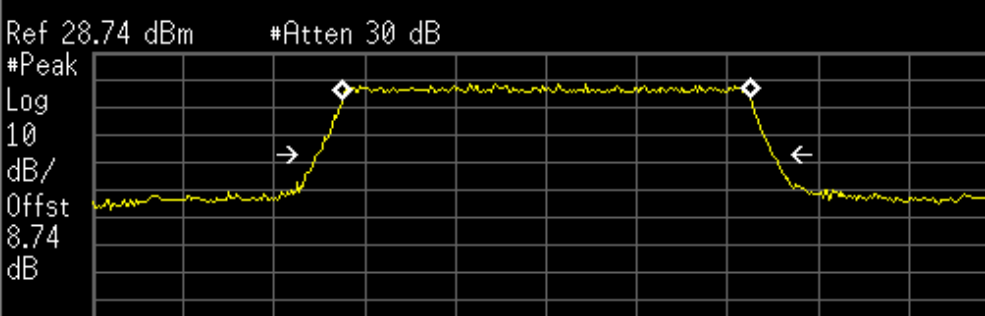
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.7	3.011	3	Pass

Agilent 15:47:47 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 847.500 MHz Span 6 MHz

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

**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

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

**2.6999 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.055 kHz

**x dB Bandwidth** 3.011 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	2.697	3.022	3	Pass

Agilent 15:47:57 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
847.500000 MHz

**Start Freq**  
844.500000 MHz

**Stop Freq**  
850.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

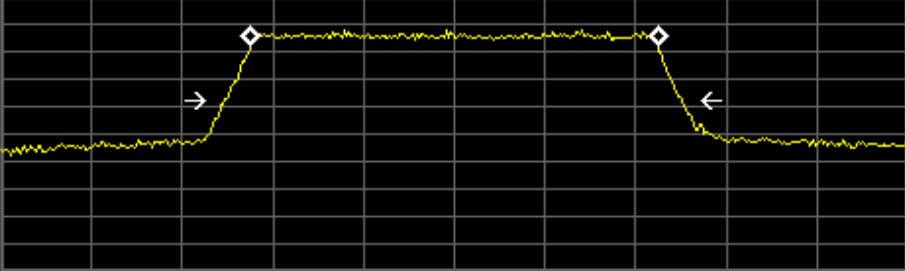
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB



Center 847.500 MHz Span 6 MHz

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

**Occupied Bandwidth** 2.6972 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -4.439 kHz

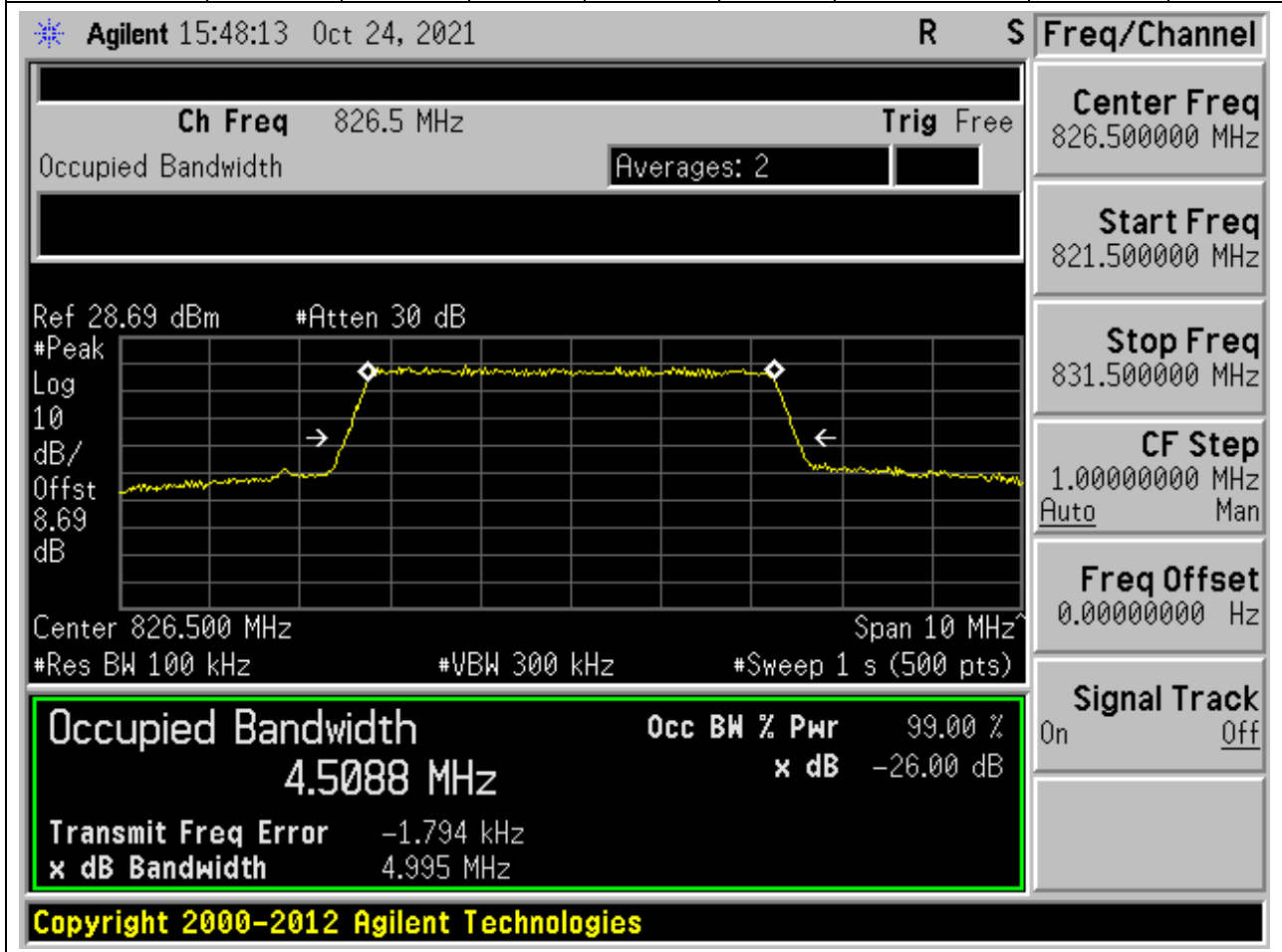
**x dB Bandwidth** 3.022 MHz

---

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.509	4.995	5	Pass



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

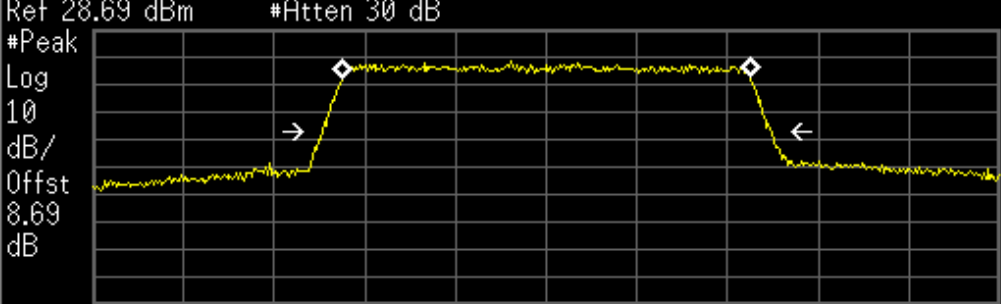
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.494	4.963	5	Pass

Agilent 15:48:23 Oct 24, 2021 R S

---

**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)

**Freq/Channel**

**Center Freq**  
826.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
831.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.4937 MHz **x dB** -26.00 dB

**Transmit Freq Error** -1.062 kHz

**x dB Bandwidth** 4.963 MHz

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

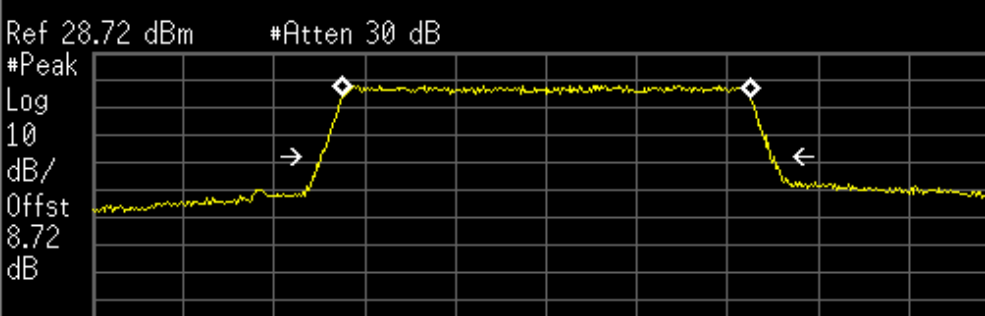
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.503	4.994	5	Pass

Agilent 15:48:35 Oct 24, 2021 R 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 836.500 MHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
831.500000 MHz

**Stop Freq**  
841.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.5025 MHz **x dB** -26.00 dB

**Transmit Freq Error** -4.169 kHz

**x dB Bandwidth** 4.994 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.51	4.957	5	Pass

Agilent 15:48:45 Oct 24, 2021 R S

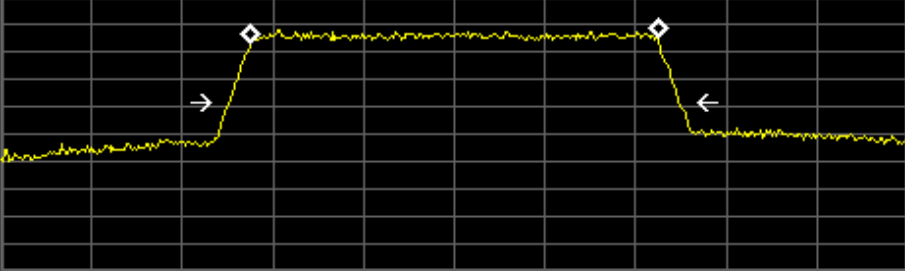
---

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

Occupied Bandwidth Averages: 2

---

Ref 28.72 dBm #Atten 30 dB



Center 836.500 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 %
4.5099 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -1.170 kHz	
<b>x dB Bandwidth</b> 4.957 MHz	

---

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**Freq/Channel**

**Center Freq** 836.500000 MHz

**Start Freq** 831.500000 MHz

**Stop Freq** 841.500000 MHz

**CF Step** 1.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	4.948	5	Pass

Agilent 15:48:58 Oct 24, 2021 R S

---

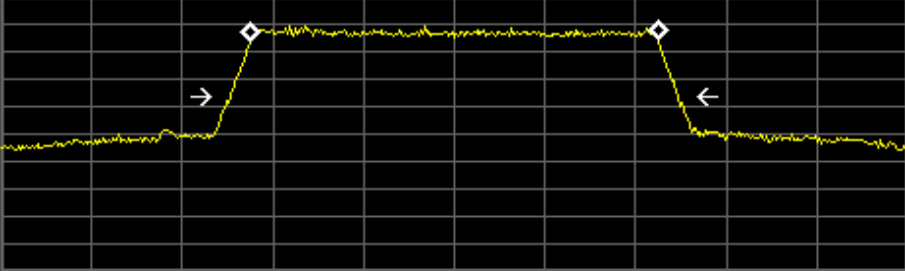
**Ch Freq** 846.5 MHz **Trig** Free

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 %
4.4941 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-3.503 kHz	
<b>x dB Bandwidth</b>	4.948 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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.51	4.981	5	Pass

Agilent 15:49:08 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
846.500000 MHz

**Start Freq**  
841.500000 MHz

**Stop Freq**  
851.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

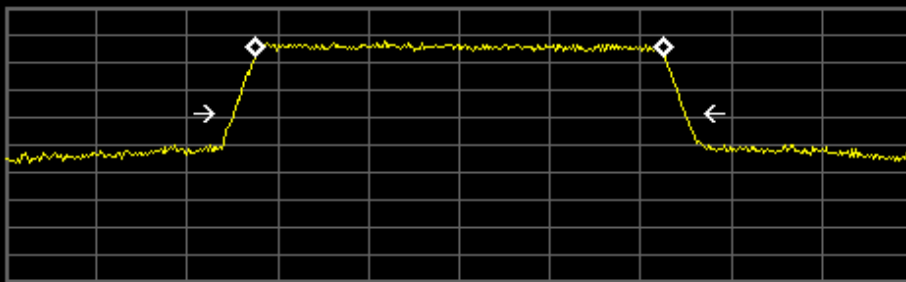
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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)

---

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

**4.5098 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.472 kHz

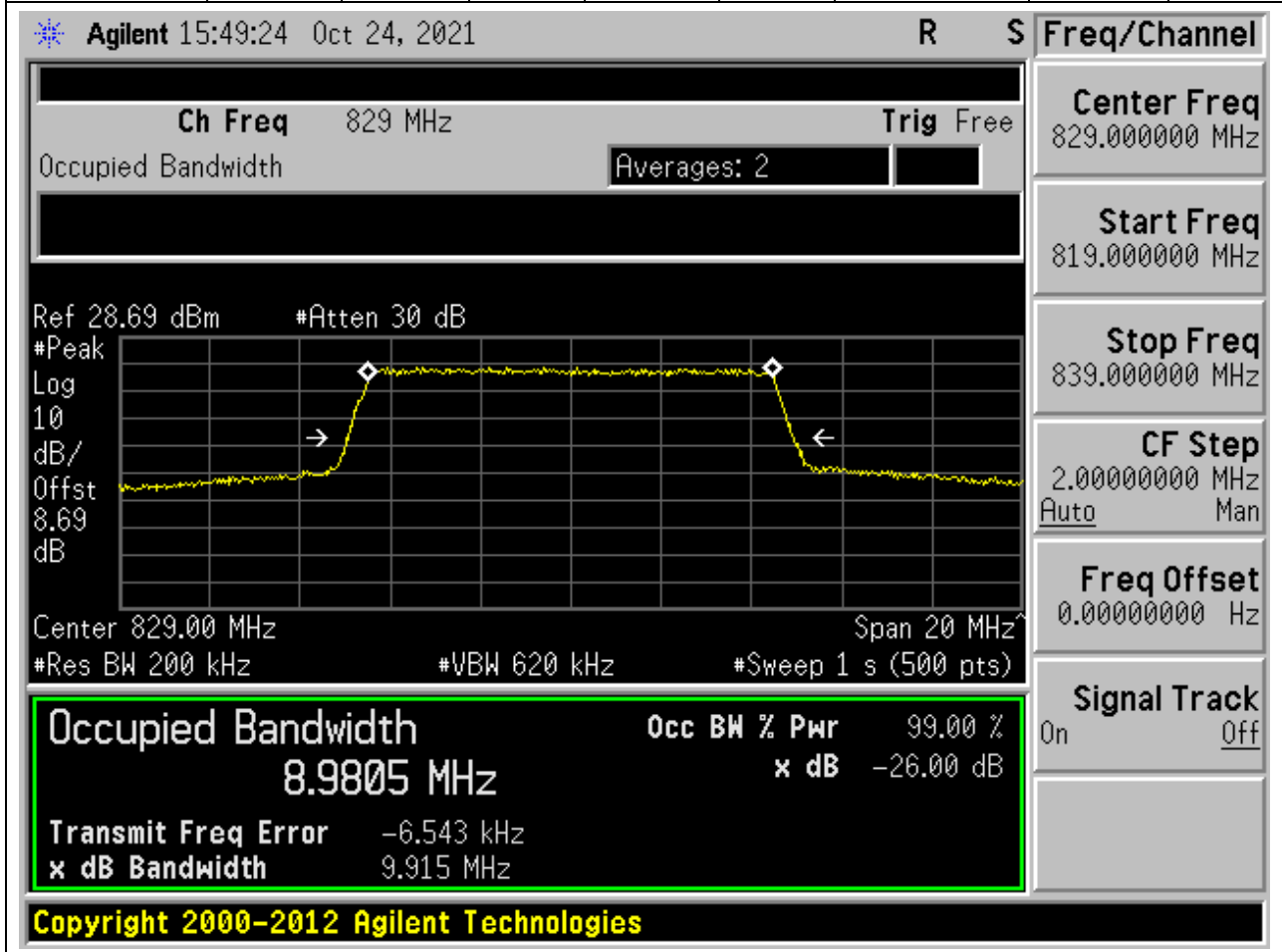
**x dB Bandwidth** 4.981 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.98	9.915	10	Pass



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

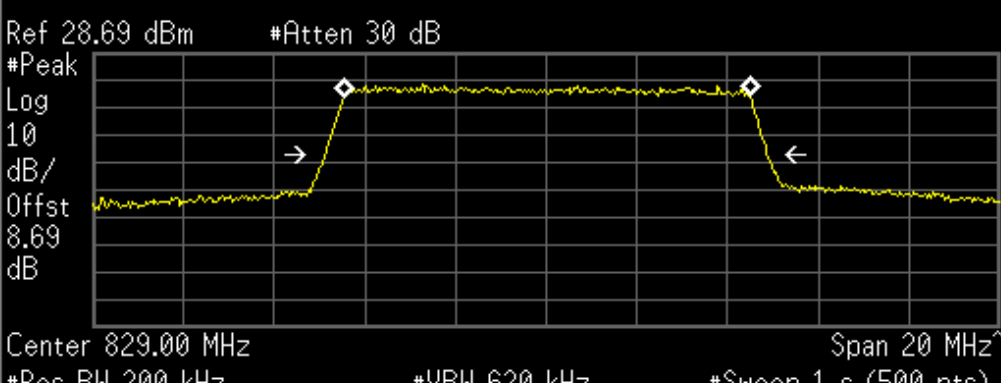
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.973	9.811	10	Pass

Agilent 15:49:34 Oct 24, 2021 R S

---

**Ch Freq** 829 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.69 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

8.69 dB

Center 829.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
829.000000 MHz

**Start Freq**  
819.000000 MHz

**Stop Freq**  
839.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9731 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 1.105 kHz

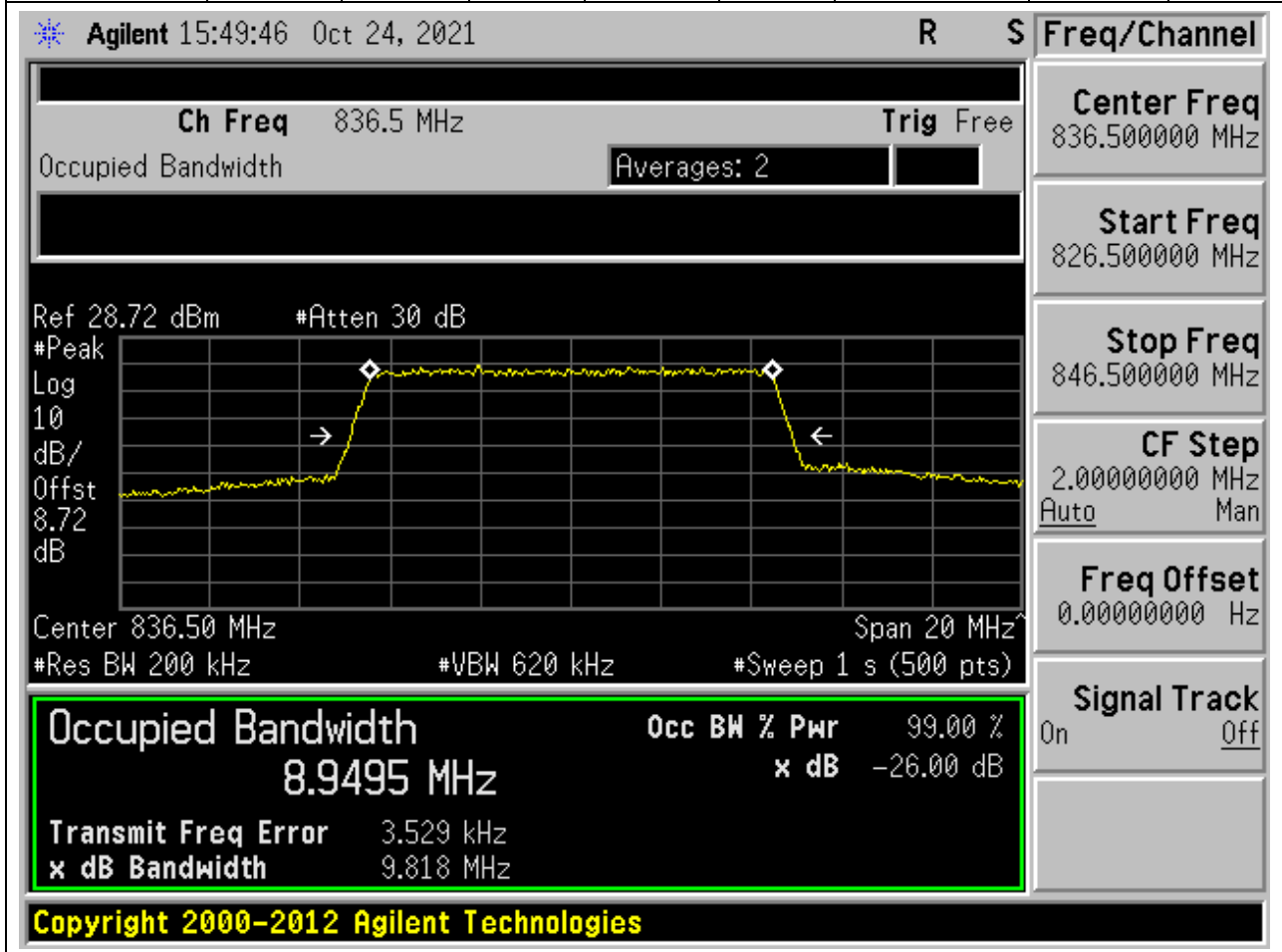
**x dB Bandwidth** 9.811 MHz

---

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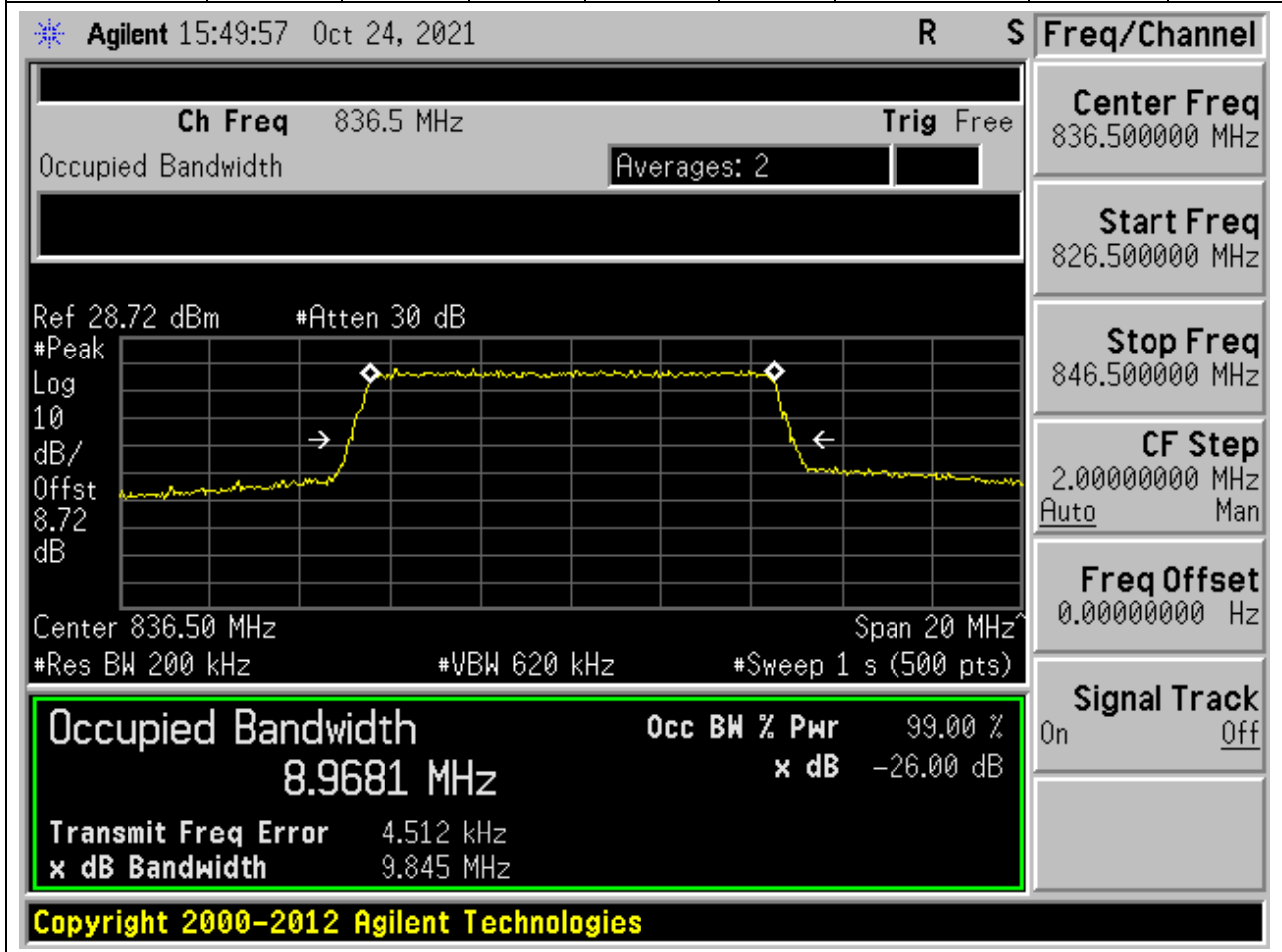
15.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:26915, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.949	9.818	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.968	9.845	10	Pass





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

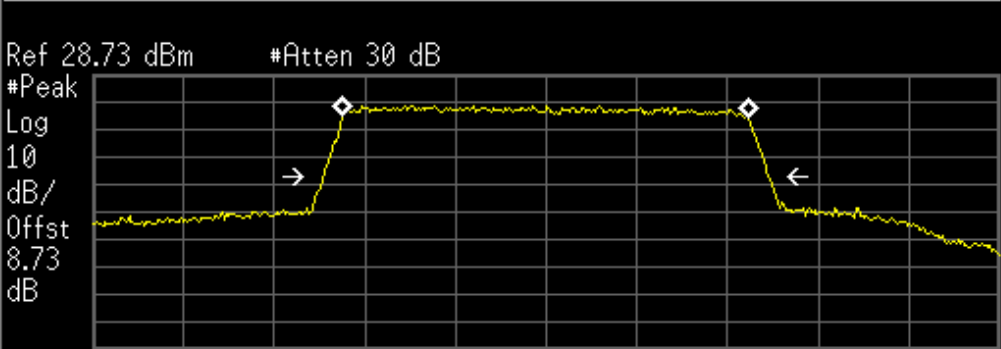
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.951	9.84	10	Pass

Agilent 15:50:09 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



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)

**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

**Stop Freq**  
854.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9508 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -12.123 kHz

**x dB Bandwidth** 9.840 MHz

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

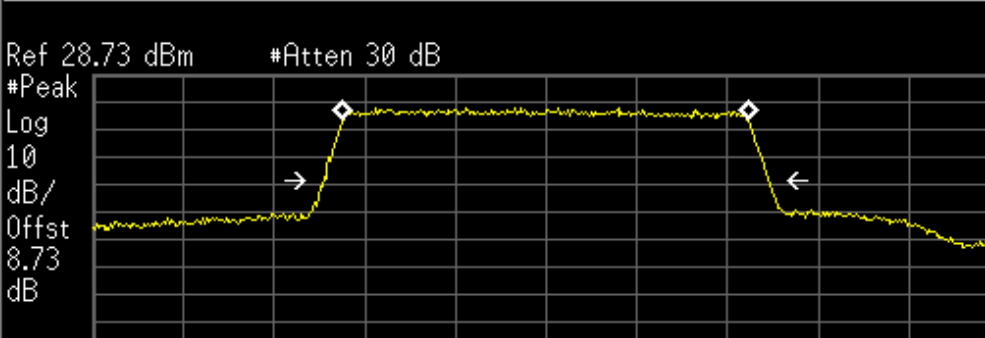
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.953	9.825	10	Pass

Agilent 15:50:19 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



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)

**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

**Stop Freq**  
854.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9535 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -14.481 kHz

**x dB Bandwidth** 9.825 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)**

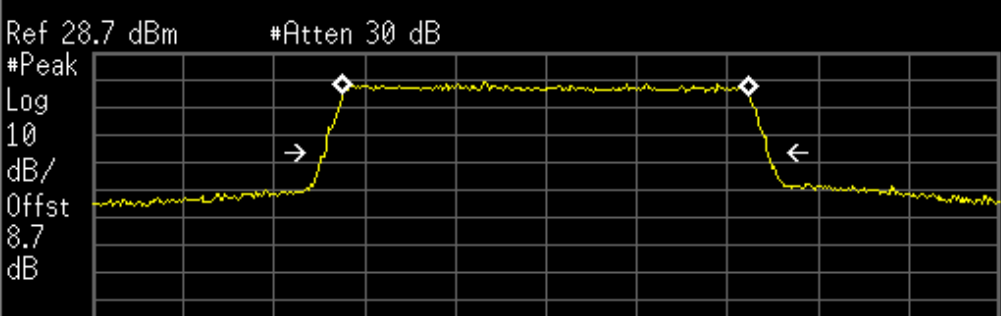
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.449	14.713	15	Pass

Agilent 15:50:36 Oct 24, 2021 R S

---

**Ch Freq** 831.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.7 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.7 dB

Center 831.50 MHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
831.500000 MHz

**Start Freq**  
816.500000 MHz

**Stop Freq**  
846.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4486 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -11.609 kHz

**x dB Bandwidth** 14.713 MHz

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

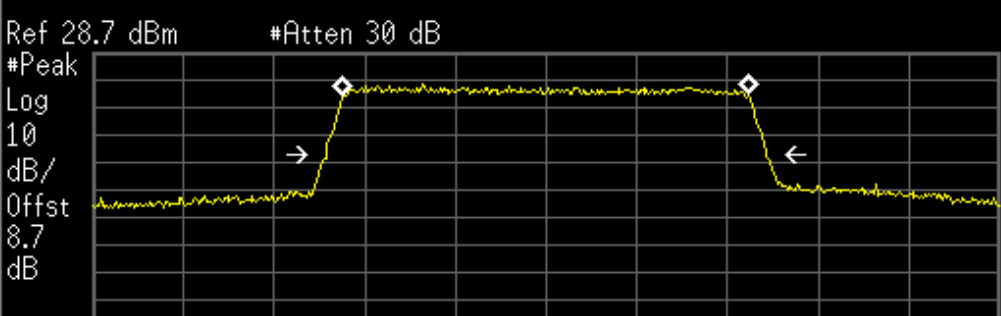
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.45	14.591	15	Pass

Agilent 15:50:46 Oct 24, 2021 R S

---

**Ch Freq** 831.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.7 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.7 dB

Center 831.50 MHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
831.500000 MHz

**Start Freq**  
816.500000 MHz

**Stop Freq**  
846.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4503 MHz** **x dB** -26.00 dB

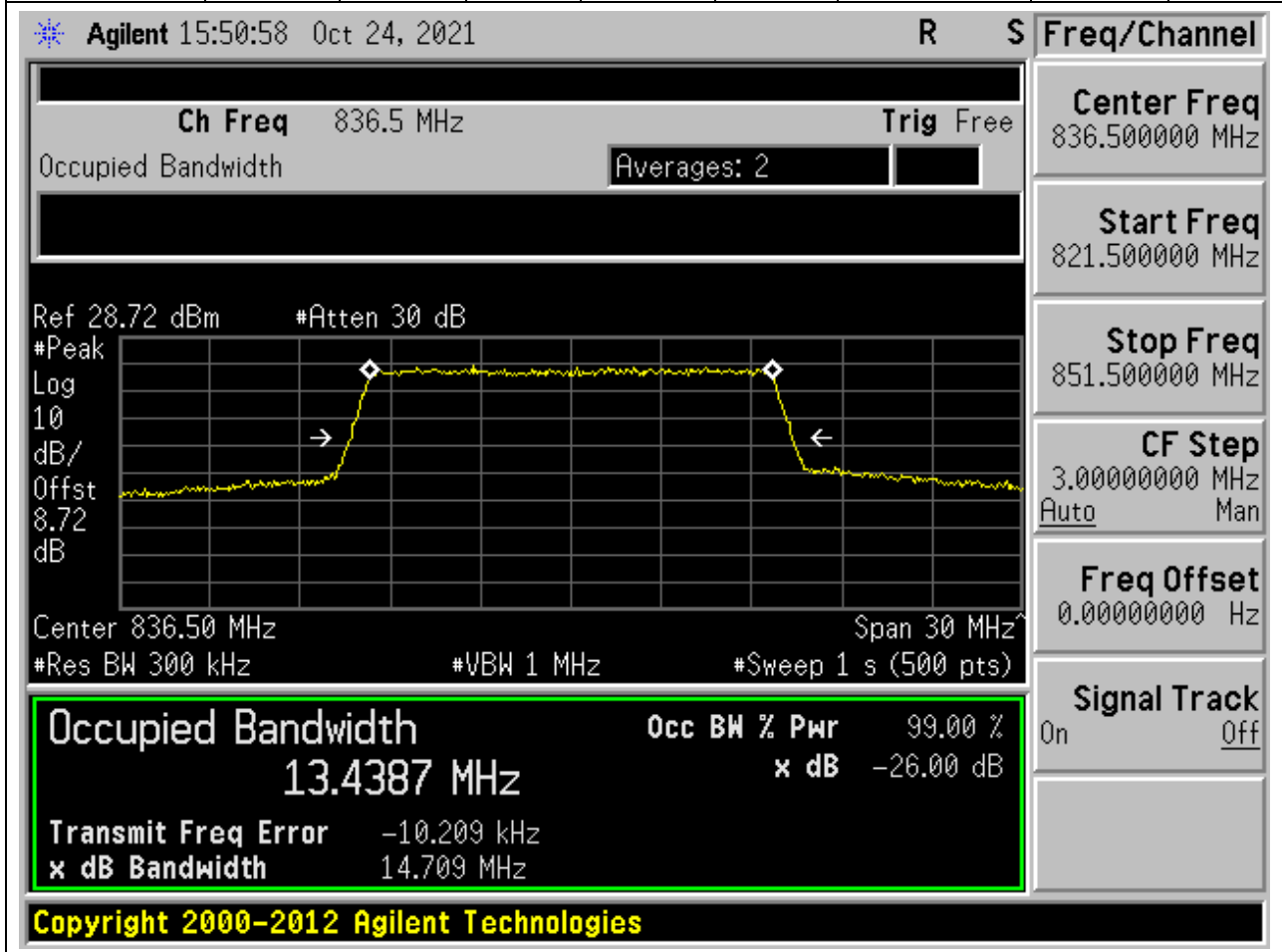
**Transmit Freq Error** -8.785 kHz

**x dB Bandwidth** 14.591 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.3	Peak	13.439	14.709	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	13.44	14.711	15	Pass

Agilent 15:51:08 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
851.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

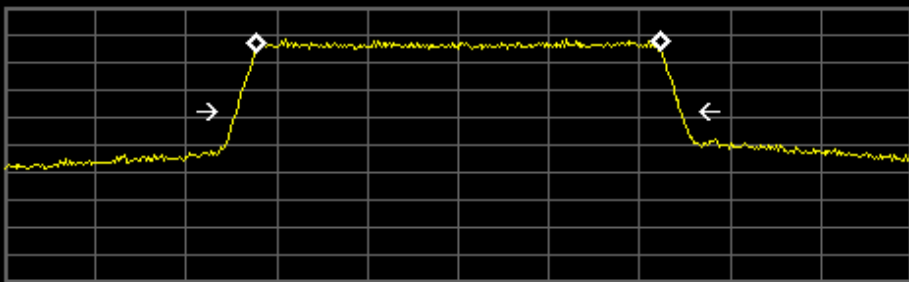
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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** **Occ BW % Pwr** 99.00 %

**13.4405 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -131.595 Hz

**x dB Bandwidth** 14.711 MHz

---

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

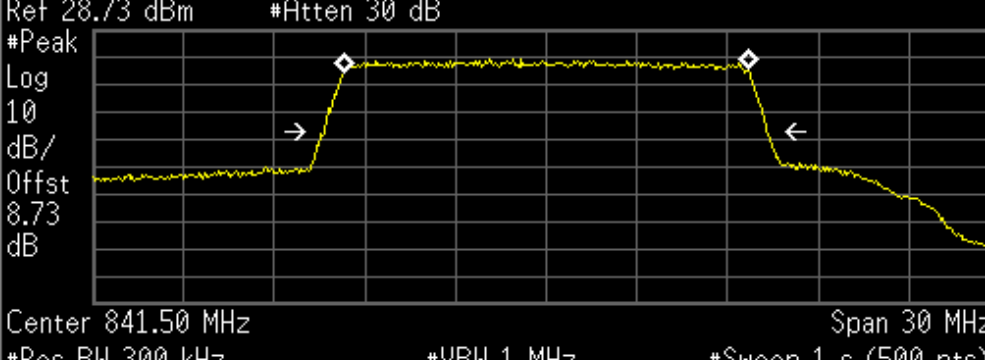
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.3	Peak	13.428	14.672	15	Pass

Agilent 15:51:20 Oct 24, 2021 R 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)

**Freq/Channel**

**Center Freq**  
841.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
856.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

13.4277 MHz **x dB** -26.00 dB

**Transmit Freq Error** -9.728 kHz

**x dB Bandwidth** 14.672 MHz

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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	13.432	14.632	15	Pass

Agilent 15:51:30 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

---

Ref 28.73 dBm #Atten 30 dB

#Peak

Log

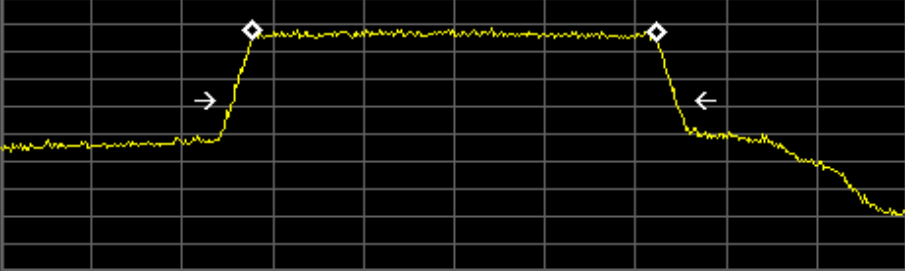
10

dB/

Offst

8.73

dB



Center 841.50 MHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
841.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
856.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4317 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.494 kHz

**x dB Bandwidth** 14.632 MHz

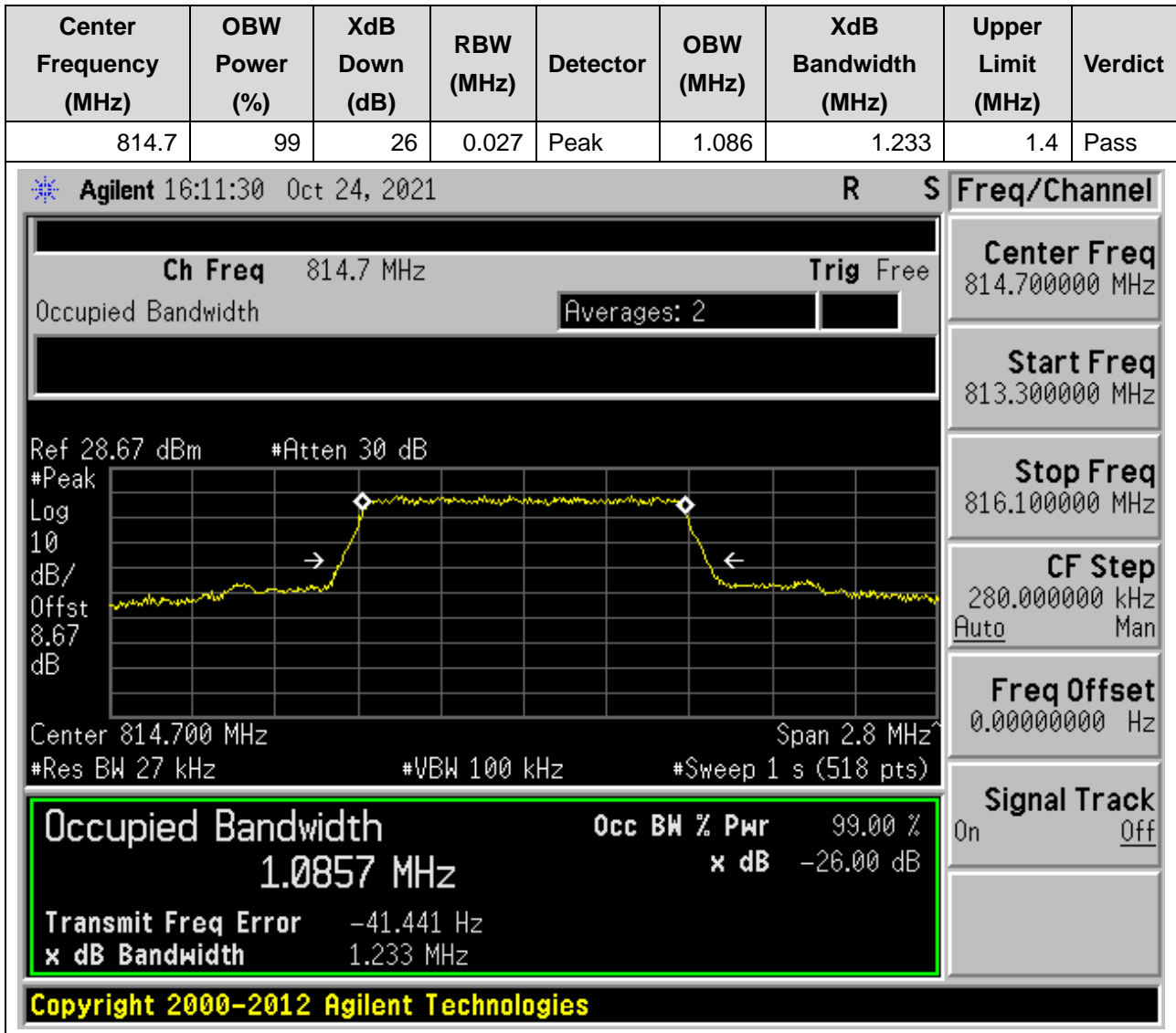
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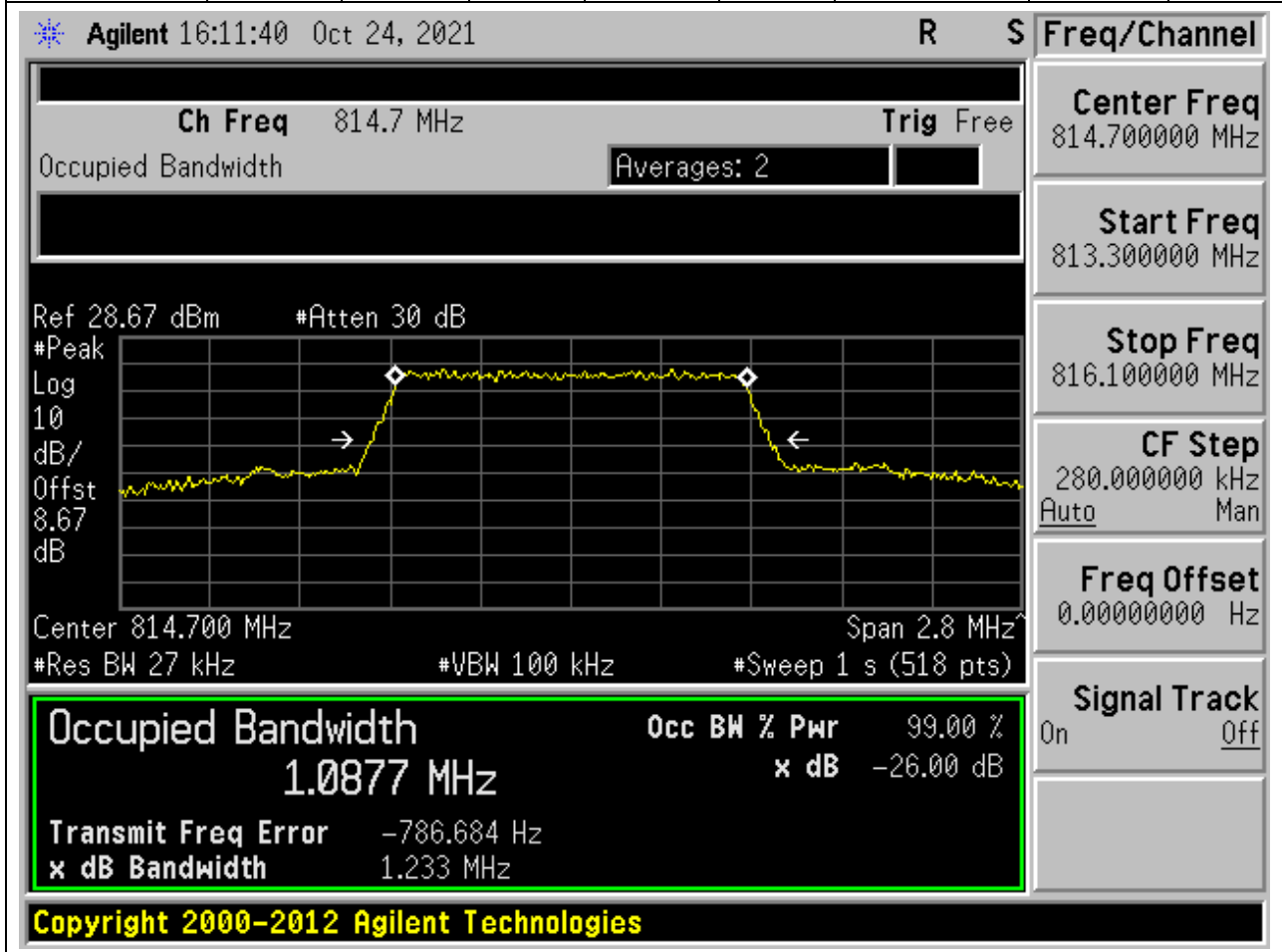
## 16. LTE\_Band26(part90)

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



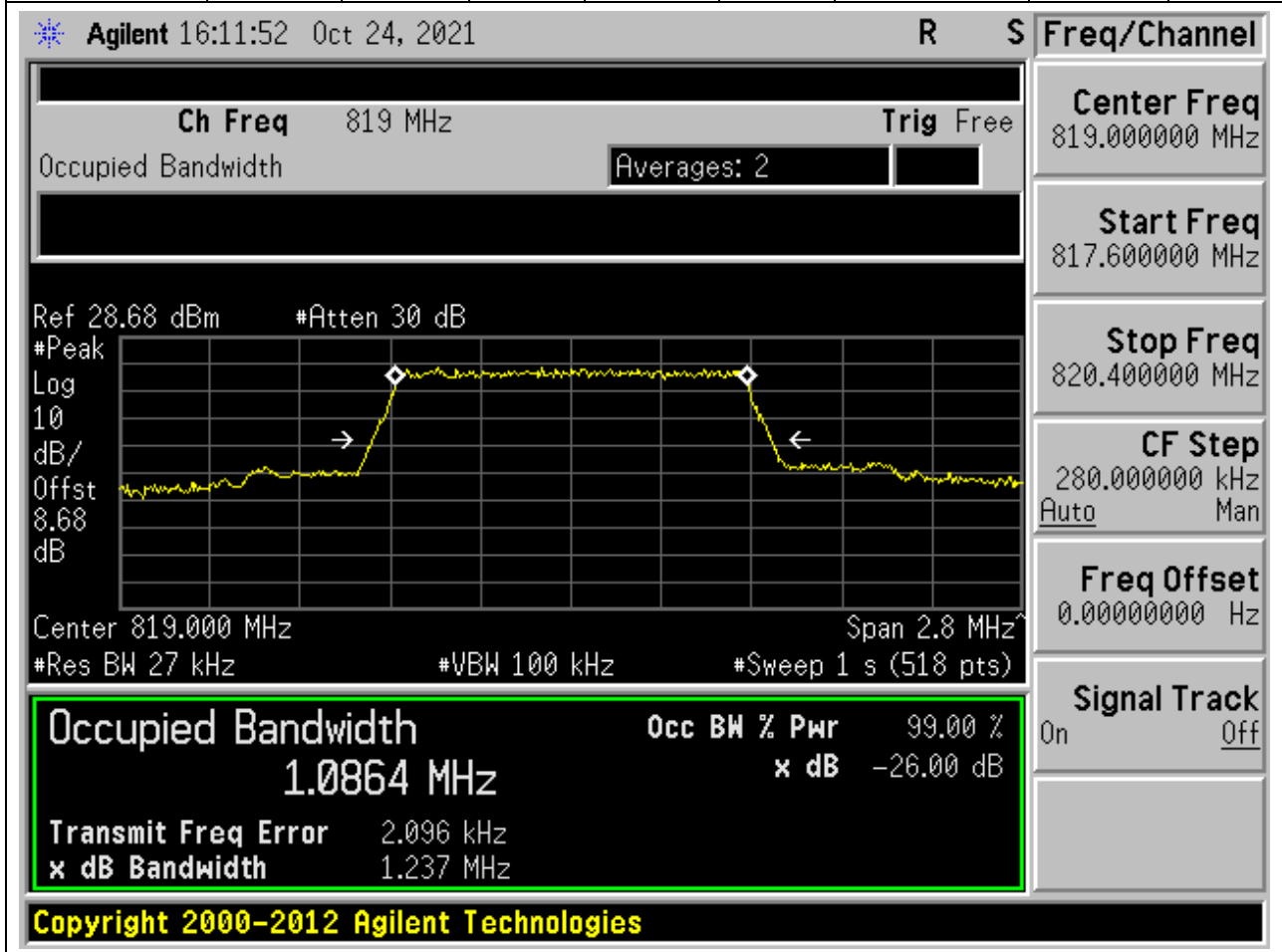
**16.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:26697, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
814.7	99	26	0.027	Peak	1.088	1.233	1.4	Pass



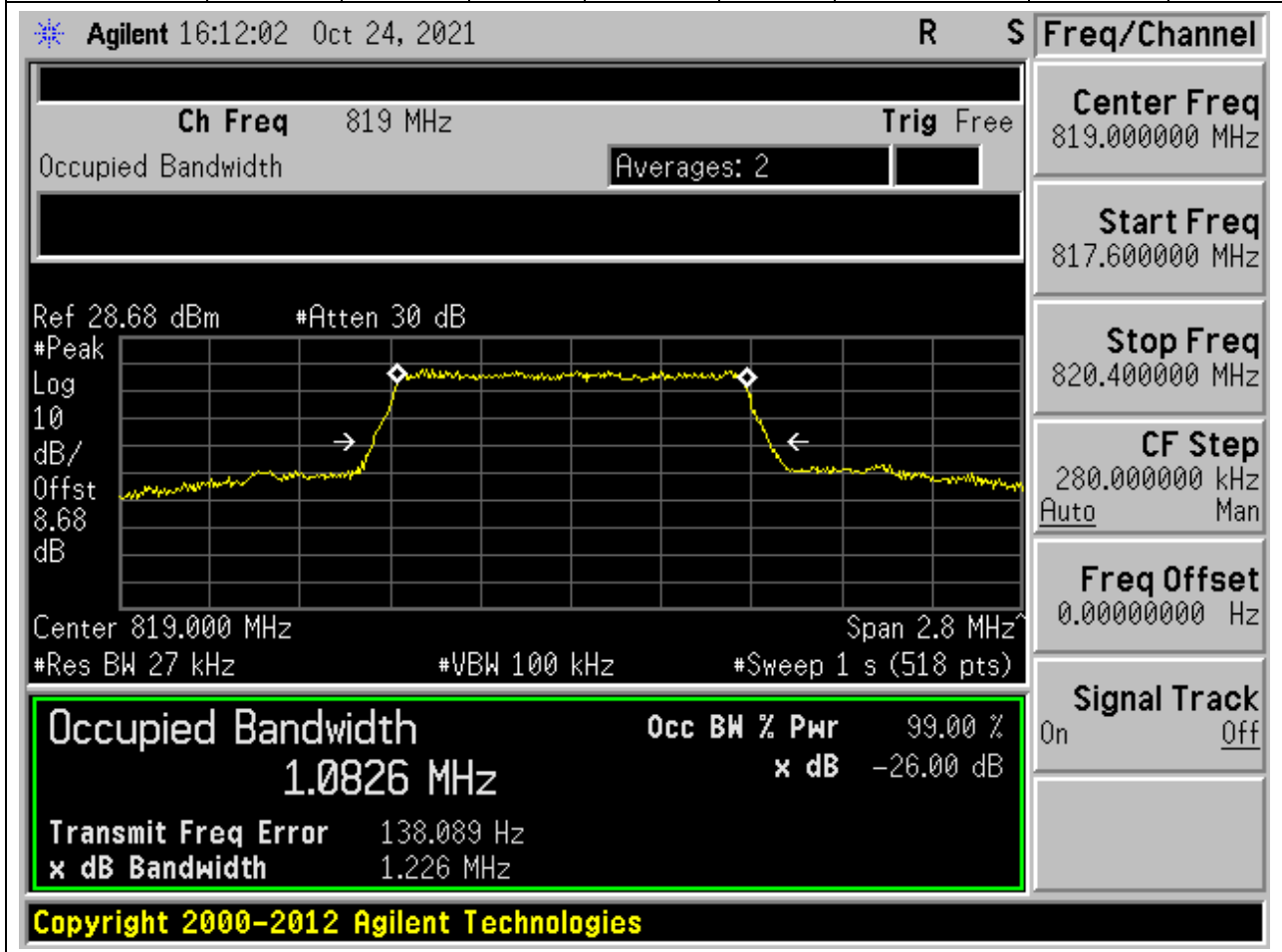
**16.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:26740, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.237	1.4	Pass



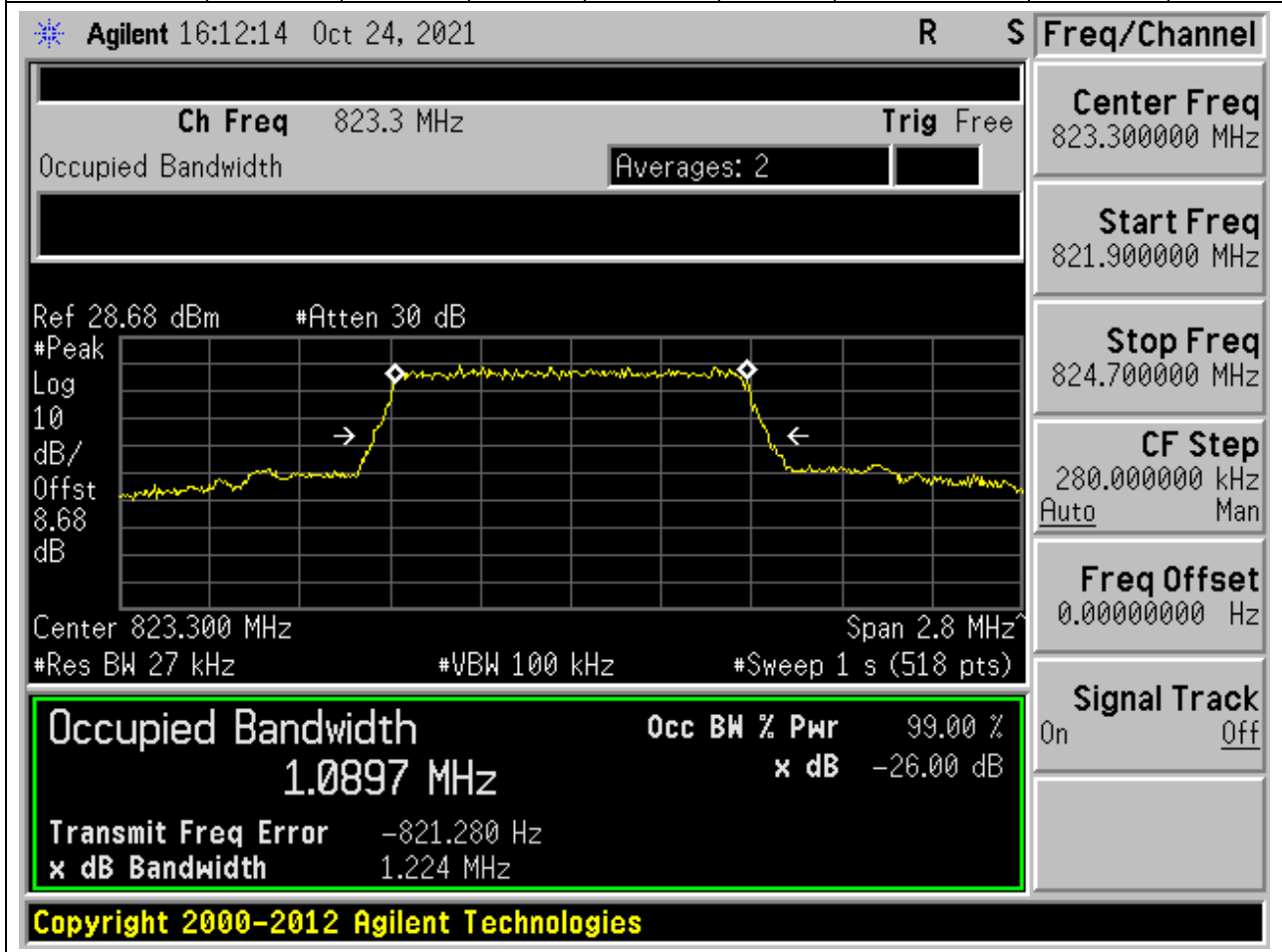
**16.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:26740, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.027	Peak	1.083	1.226	1.4	Pass

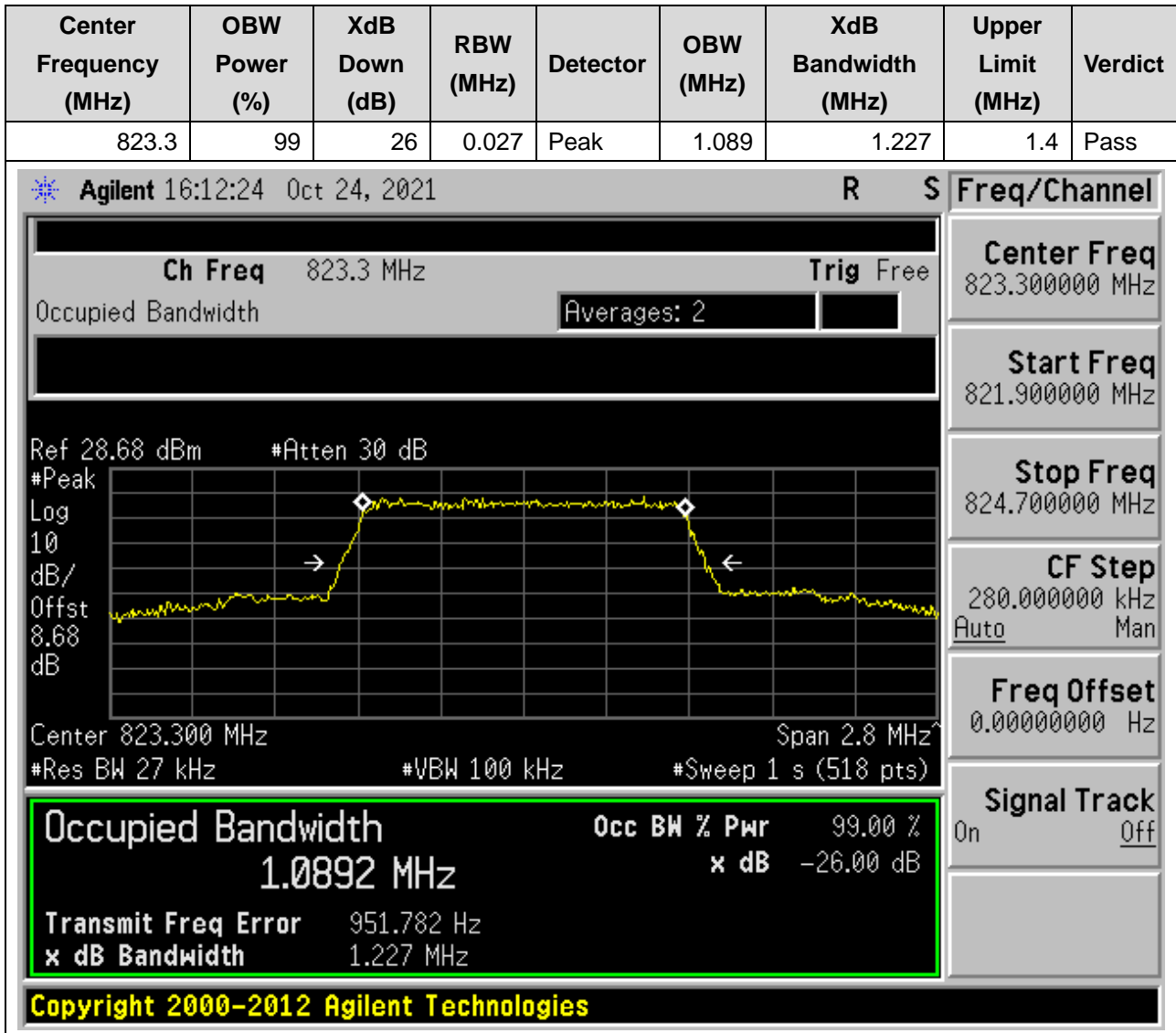


**16.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:26783, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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

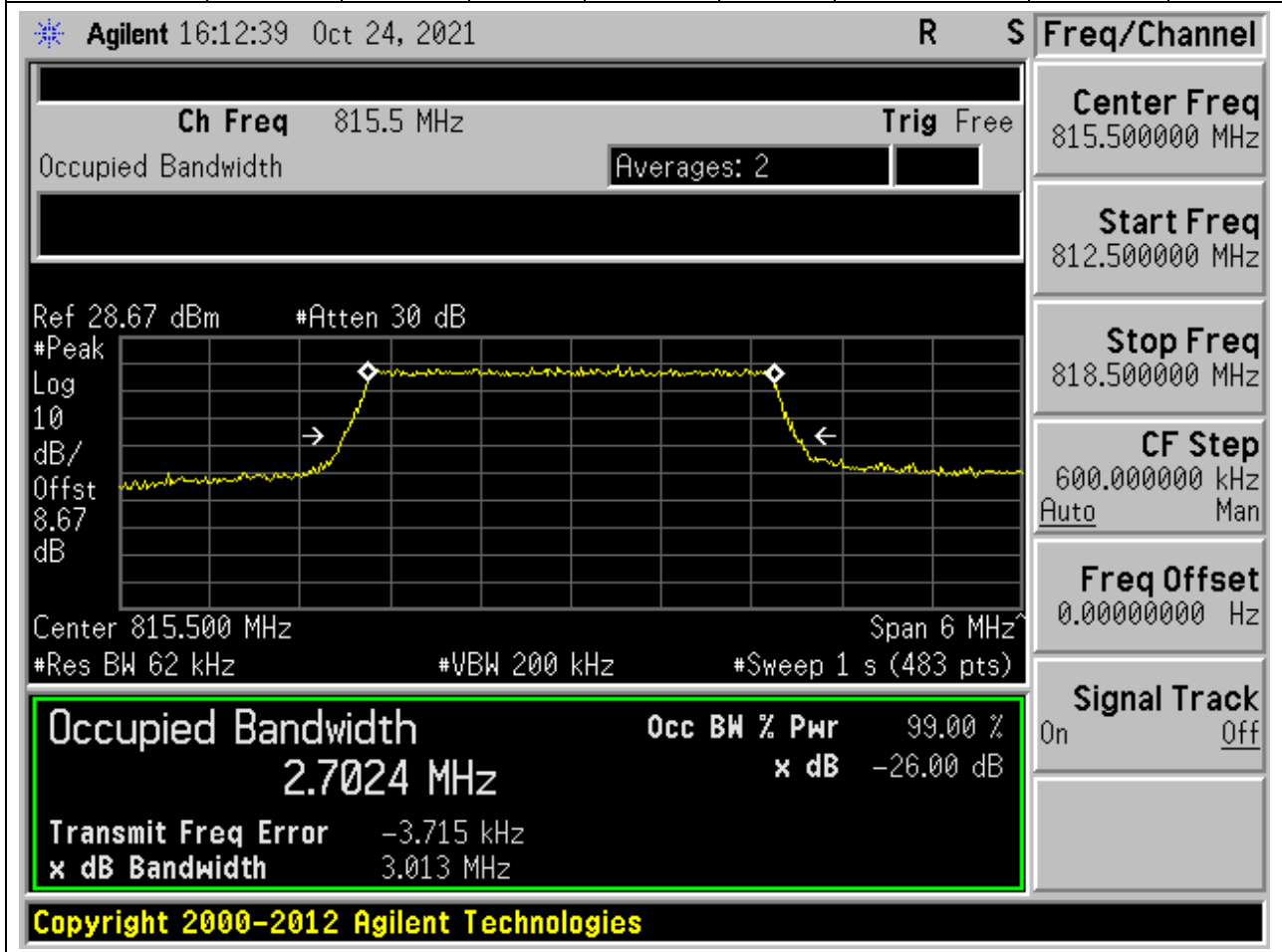


**16.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:26783, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**



**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	2.702	3.013	3	Pass



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

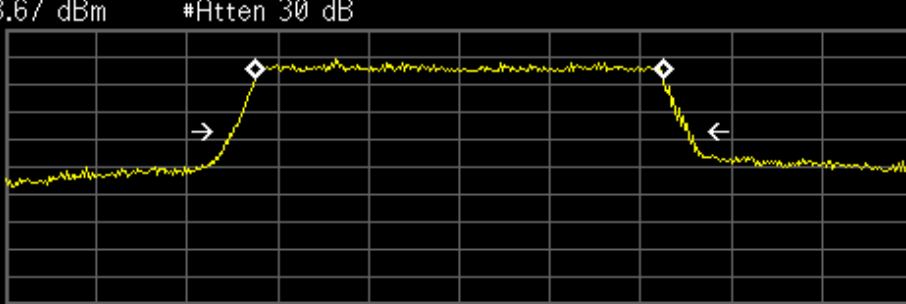
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.701	3.01	3	Pass

Agilent 16:12:49 Oct 24, 2021 R S

---

**Ch Freq** 815.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.67 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.67 dB

Center 815.500 MHz Span 6 MHz

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

**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

---

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

**2.7011 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.931 kHz

**x dB Bandwidth** 3.010 MHz

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

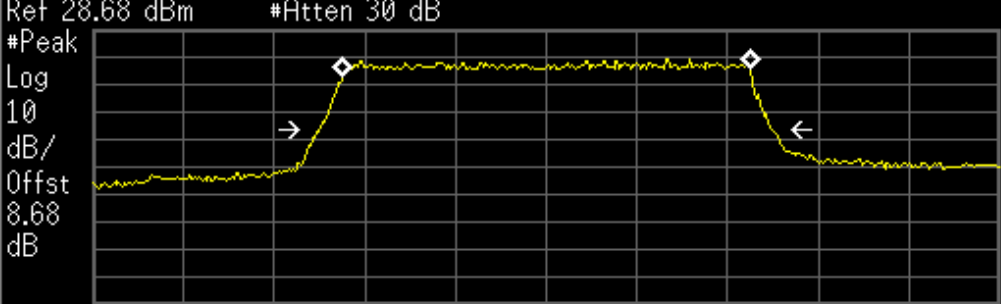
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.062	Peak	2.706	2.984	3	Pass

Agilent 16:13:01 Oct 24, 2021 R 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)

**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

---

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

**2.7057 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 59.148 Hz

**x dB Bandwidth** 2.984 MHz

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**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	3.004	3	Pass

Agilent 16:13:11 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

---

Ref 28.68 dBm #Atten 30 dB

#Peak

Log

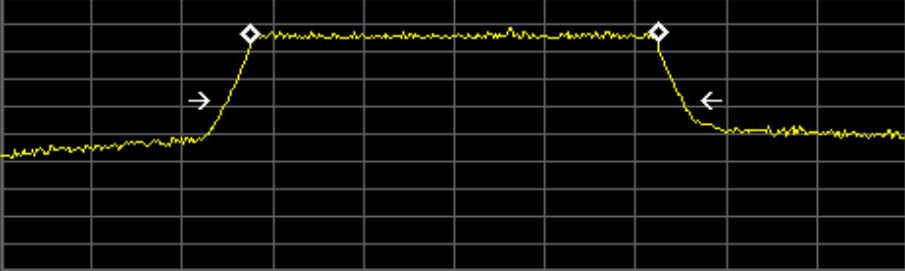
10

dB/

Offst

8.68

dB



Center 819.000 MHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz

#Sweep 1 s (483 pts)

**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

---

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

**2.6977 MHz** **x dB** -26.00 dB

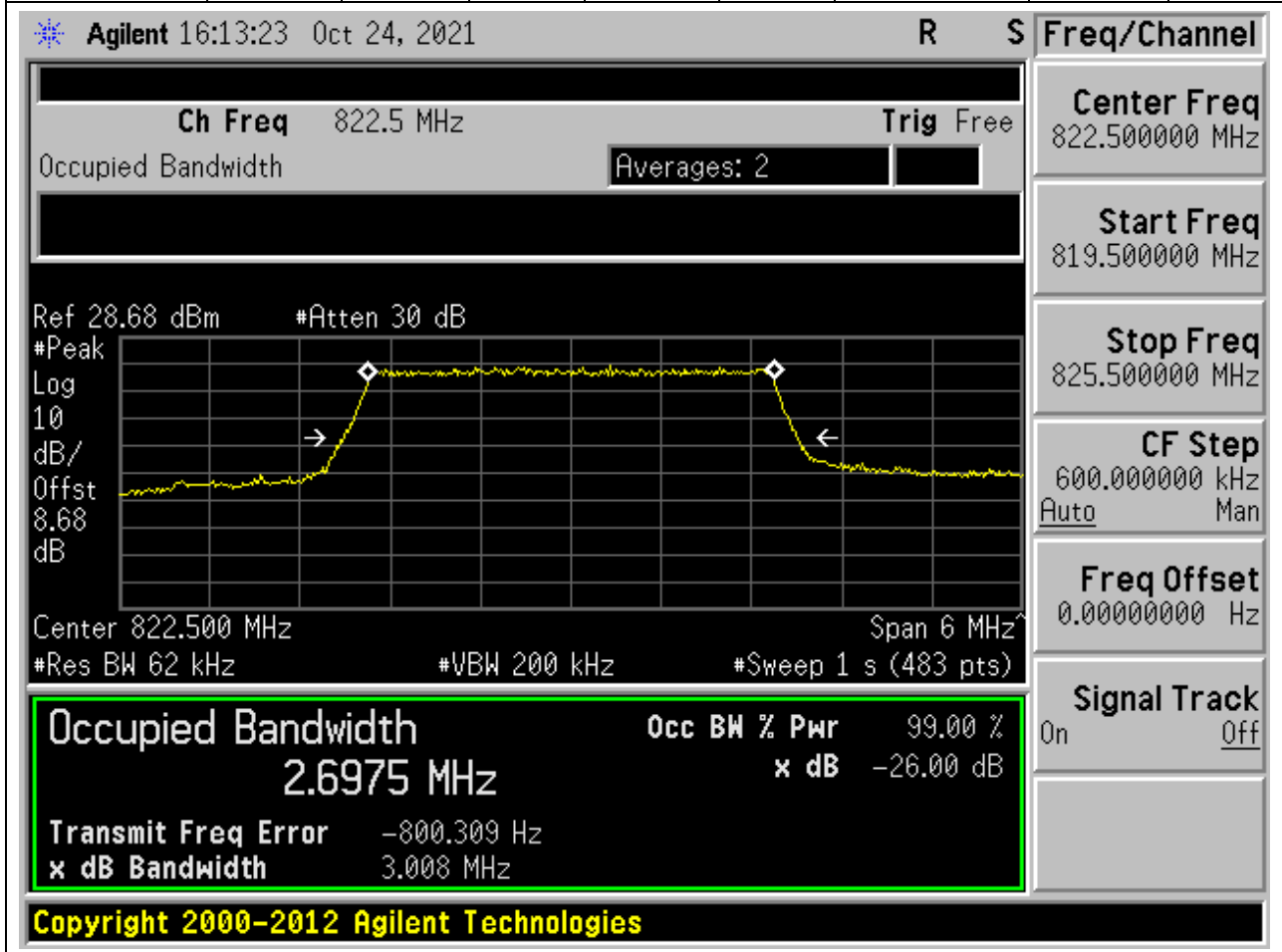
**Transmit Freq Error** -3.691 kHz

**x dB Bandwidth** 3.004 MHz

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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	2.697	3.008	3	Pass



**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	3.008	3	Pass

Agilent 16:13:33 Oct 24, 2021 R S

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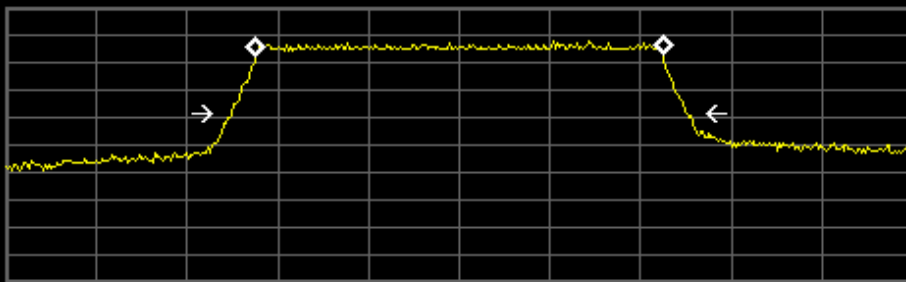
**Ch Freq** 822.5 MHz **Trig** Free

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)

**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** **Occ BW % Pwr** 99.00 %

**2.6955 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -502.883 Hz

**x dB Bandwidth** 3.008 MHz

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

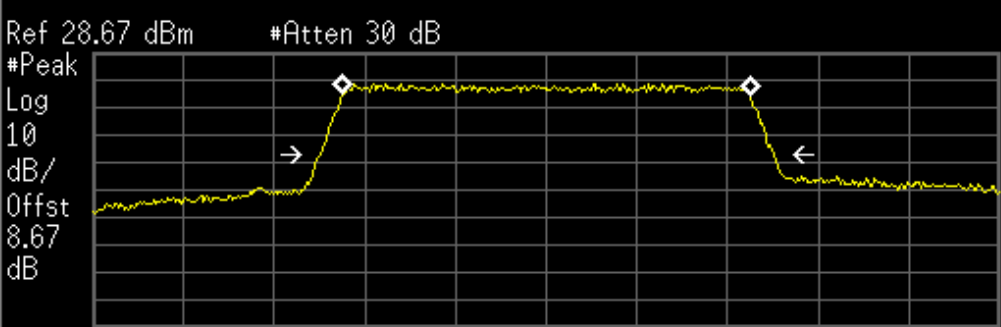
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.513	5.008	5	Pass

Agilent 16:13:49 Oct 24, 2021 R S

---

**Ch Freq** 816.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.67 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.67 dB

Center 816.500 MHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
816.500000 MHz

**Start Freq**  
811.500000 MHz

**Stop Freq**  
821.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**4.5129 MHz** **x dB** -26.00 dB

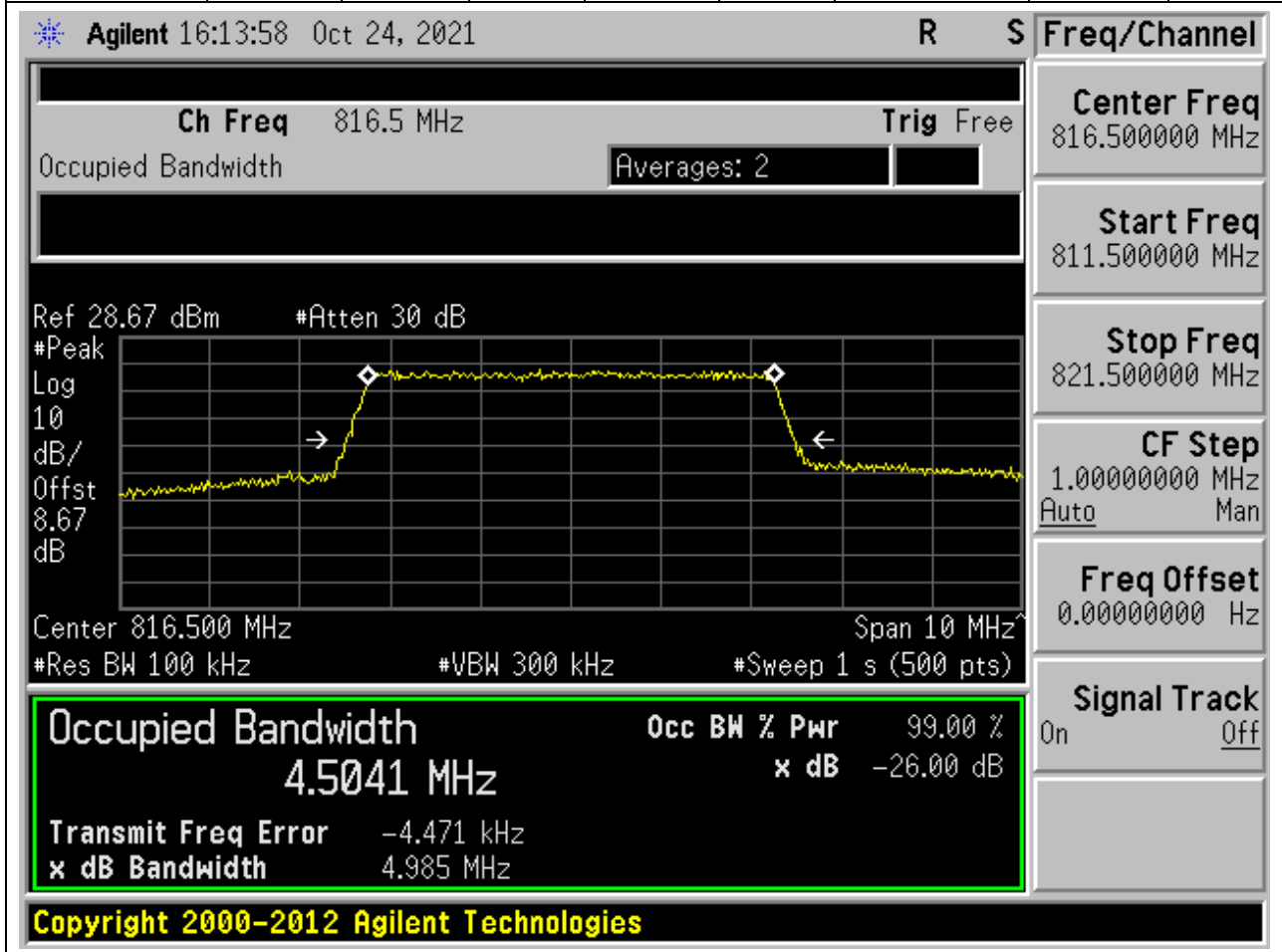
**Transmit Freq Error** -2.990 kHz

**x dB Bandwidth** 5.008 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.504	4.985	5	Pass



**16.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:26740, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

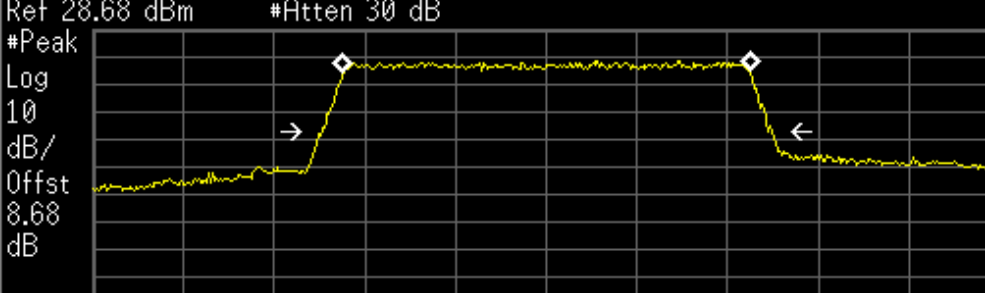
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.498	4.975	5	Pass

Agilent 16:14:11 Oct 24, 2021 R 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 10 MHz

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

**Freq/Channel**

**Center Freq**  
819.000000 MHz

**Start Freq**  
814.000000 MHz

**Stop Freq**  
824.000000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.4981 MHz **x dB** -26.00 dB

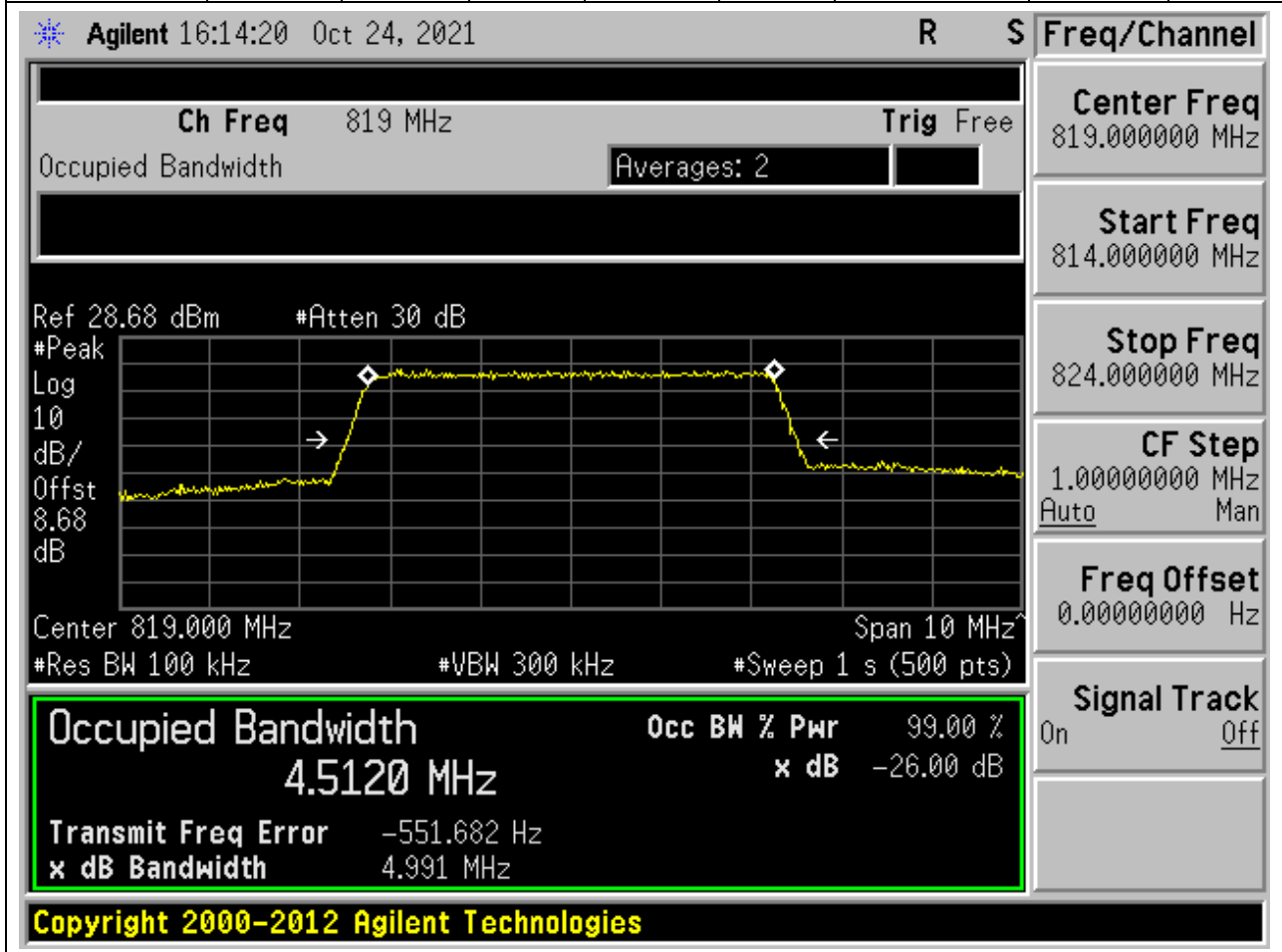
**Transmit Freq Error** 1.700 kHz

**x dB Bandwidth** 4.975 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.512	4.991	5	Pass





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

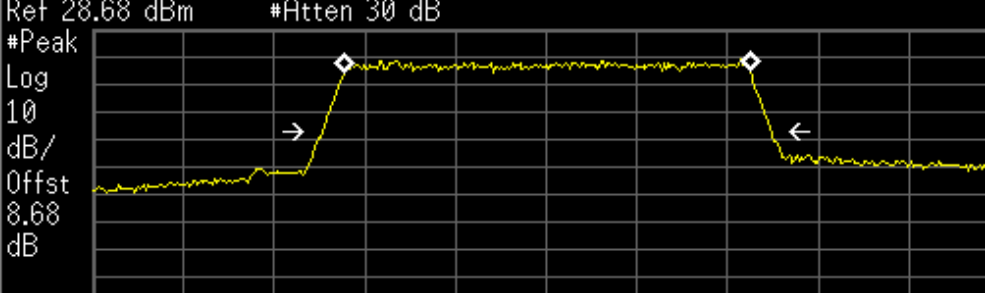
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.494	4.95	5	Pass

Agilent 16:14:32 Oct 24, 2021 R 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)

**Freq/Channel**

**Center Freq**  
821.500000 MHz

**Start Freq**  
816.500000 MHz

**Stop Freq**  
826.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

4.4937 MHz **x dB** -26.00 dB

**Transmit Freq Error** 2.999 kHz

**x dB Bandwidth** 4.950 MHz

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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	4.502	4.984	5	Pass

Agilent 16:14:42 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
821.500000 MHz

**Start Freq**  
816.500000 MHz

**Stop Freq**  
826.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

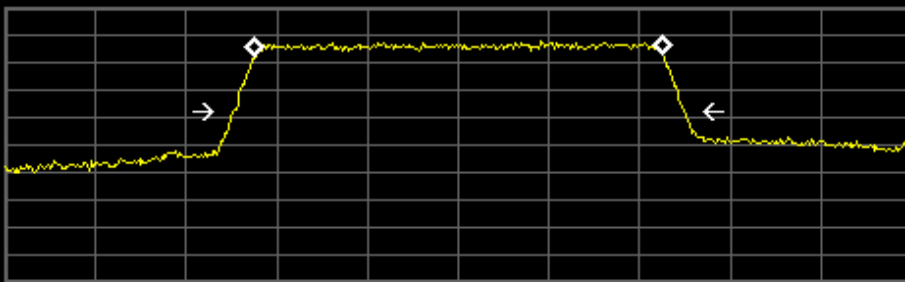
---

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)

**Occupied Bandwidth** 4.5023 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** 2.991 kHz

**x dB Bandwidth** 4.984 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)**

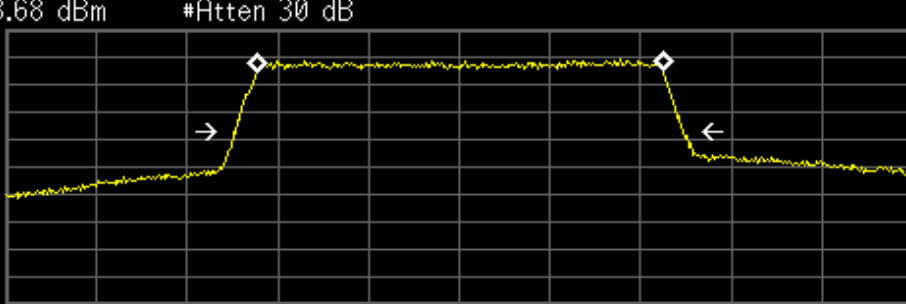
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.2	Peak	8.987	16.861	10	Pass

Agilent 16:14:58 Oct 24, 2021 R 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 819.00 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
819.000000 MHz

**Start Freq**  
809.000000 MHz

**Stop Freq**  
829.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**8.9872 MHz** **x dB** -26.00 dB

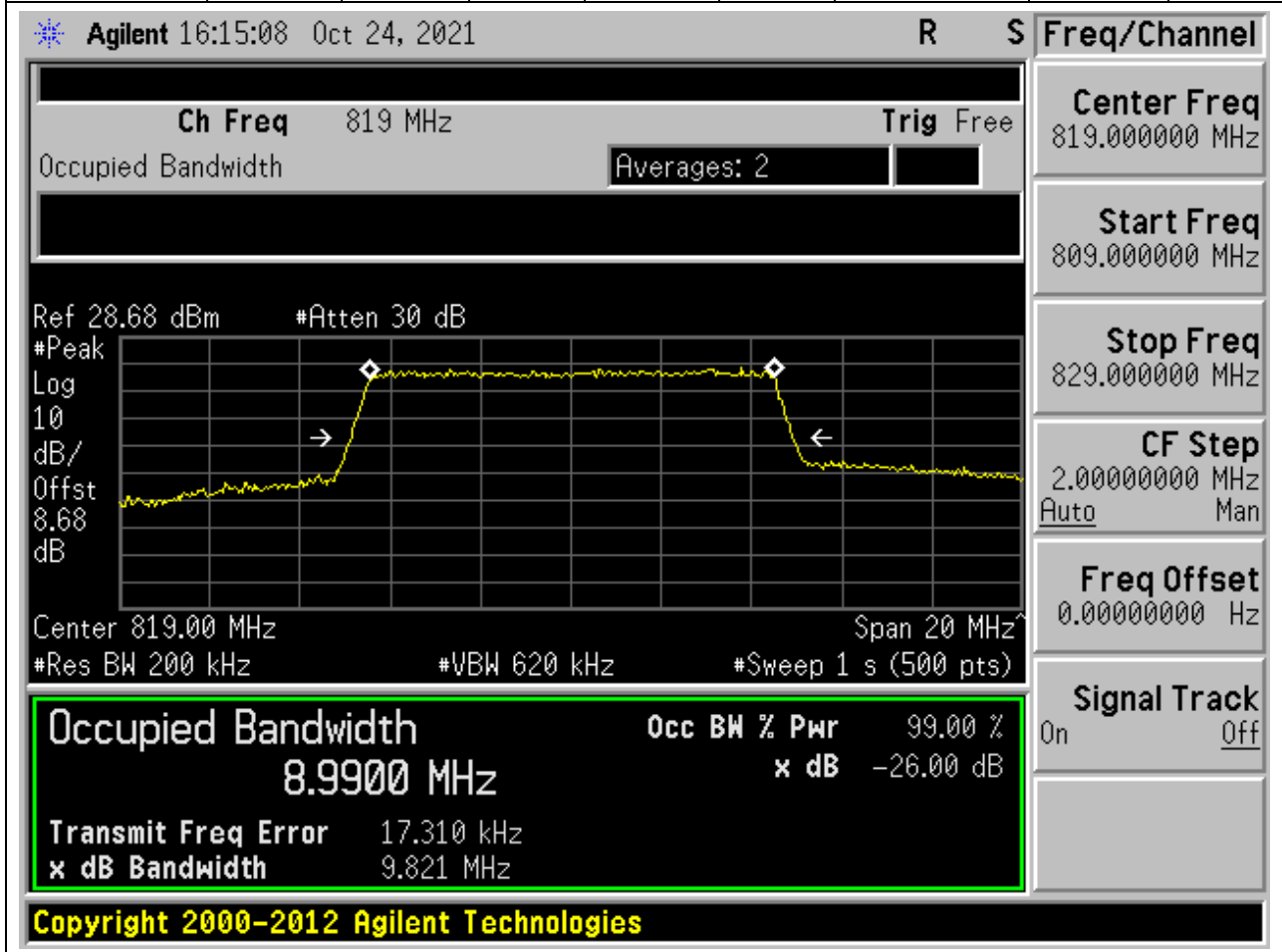
**Transmit Freq Error** 7.656 kHz

**x dB Bandwidth** 9.861 MHz

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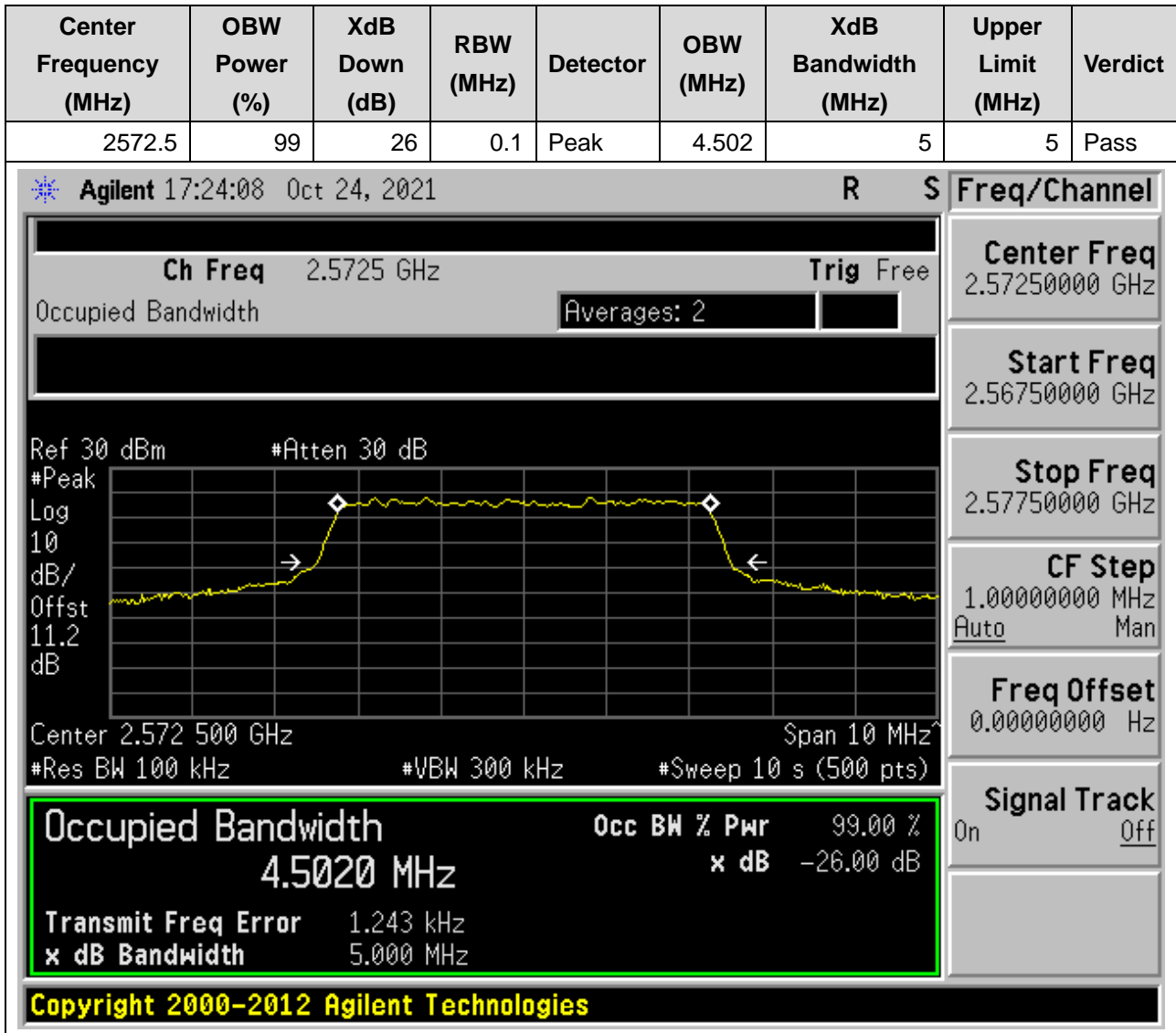
**16.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.2	Peak	8.99	16.821	10	Pass



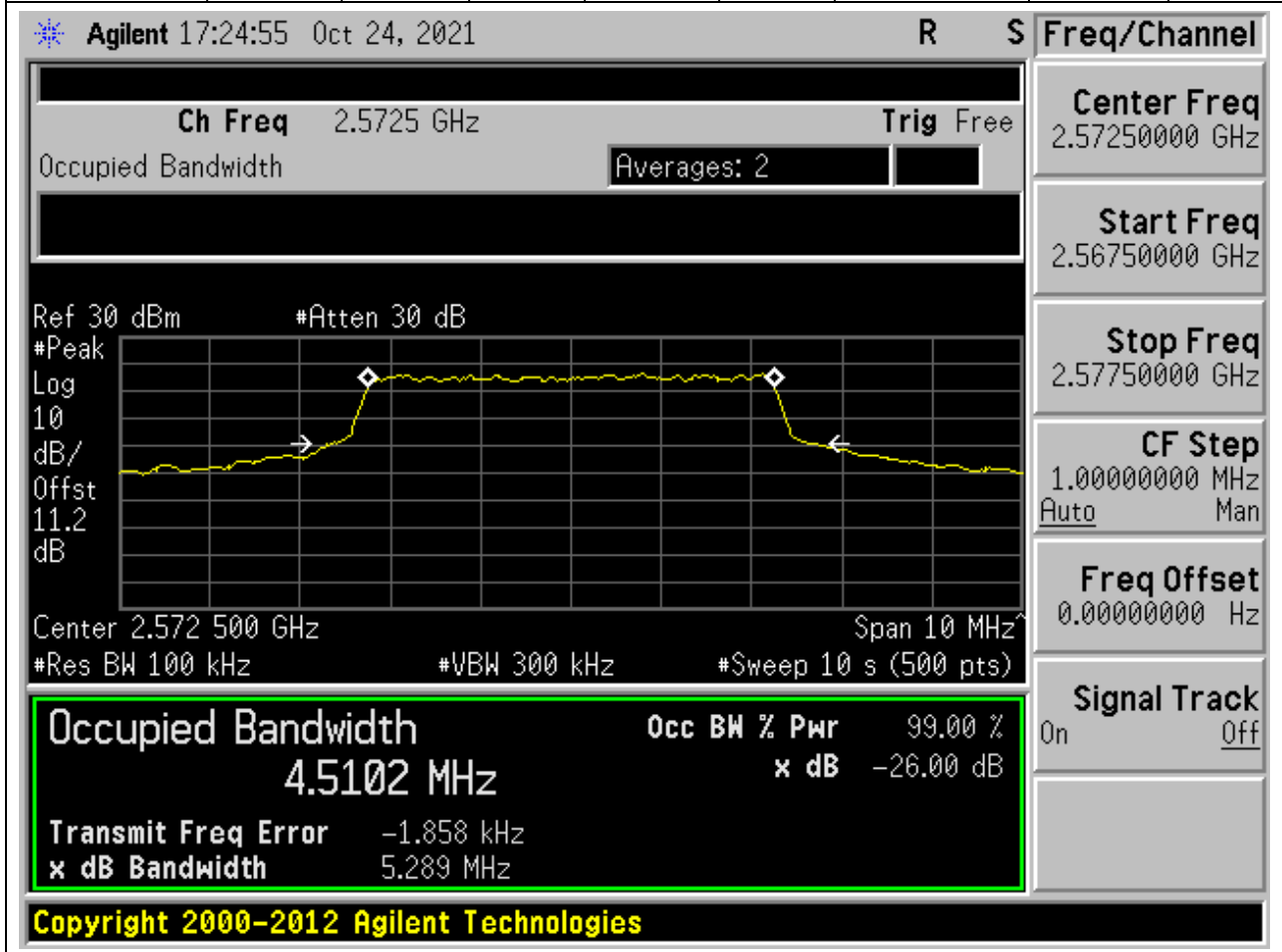
## 17. LTE\_Band38

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



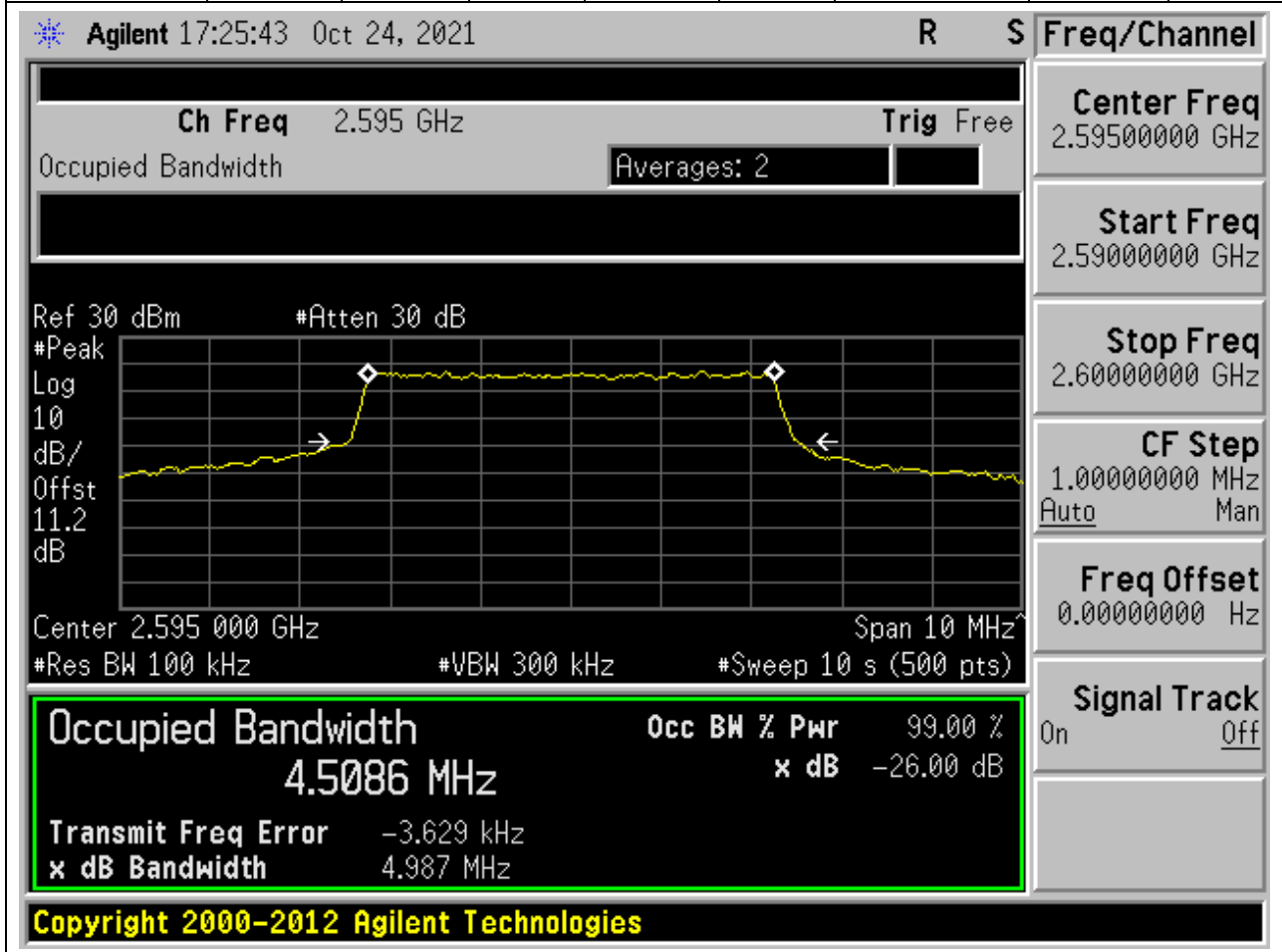
17.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:37775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.51	5.289	5	Pass



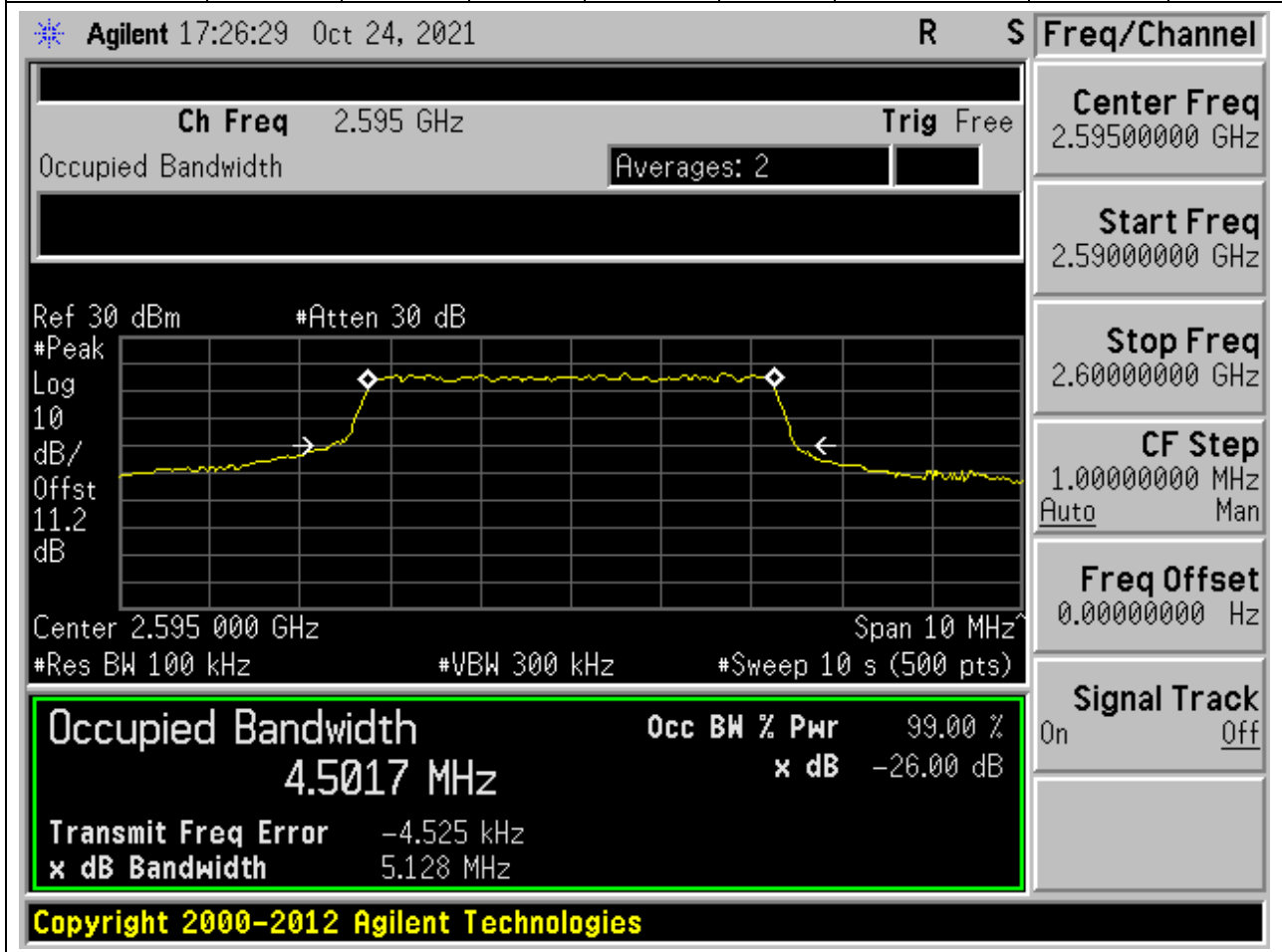
**17.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.509	4.987	5	Pass



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

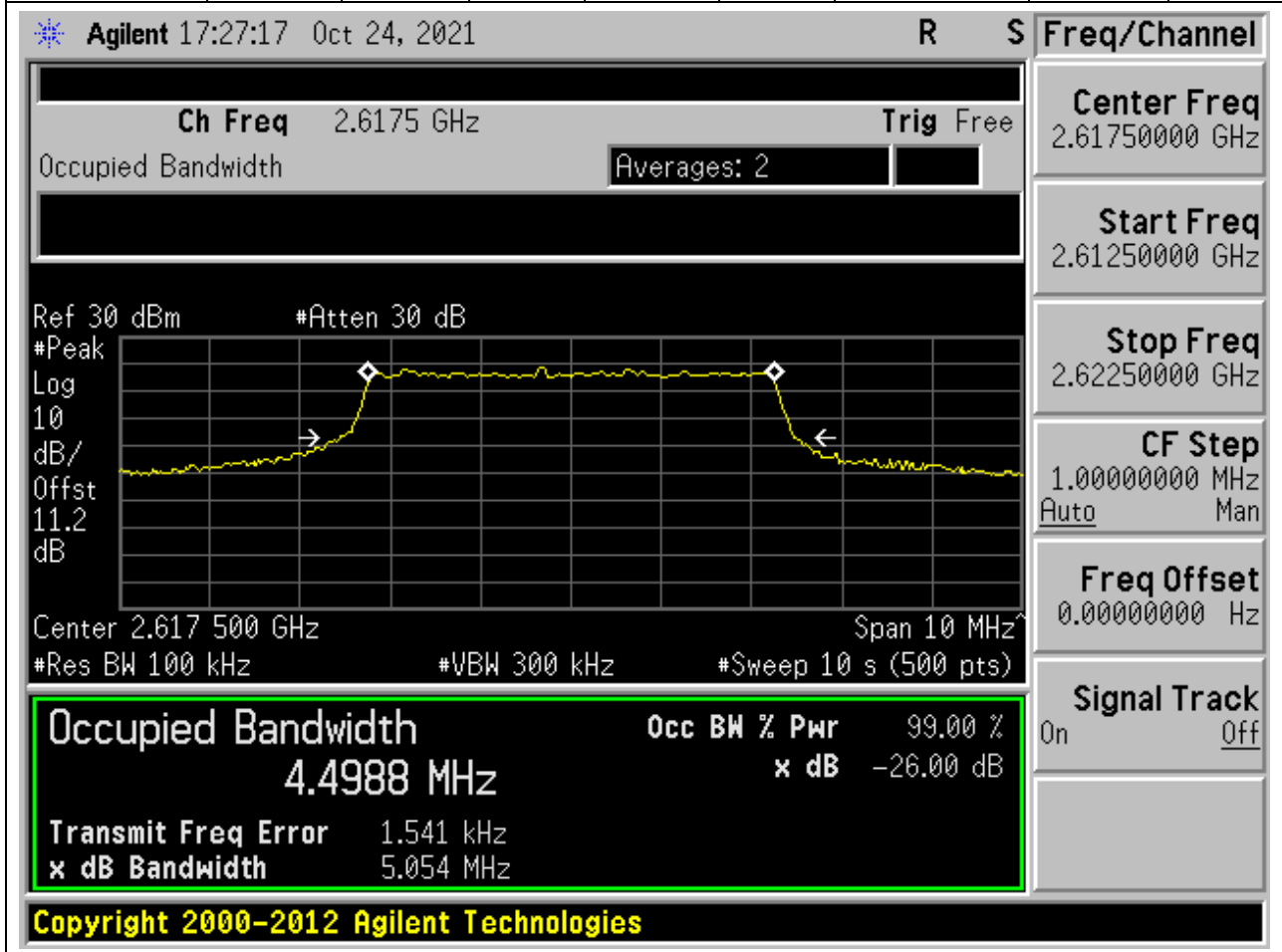
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.502	5.128	5	Pass





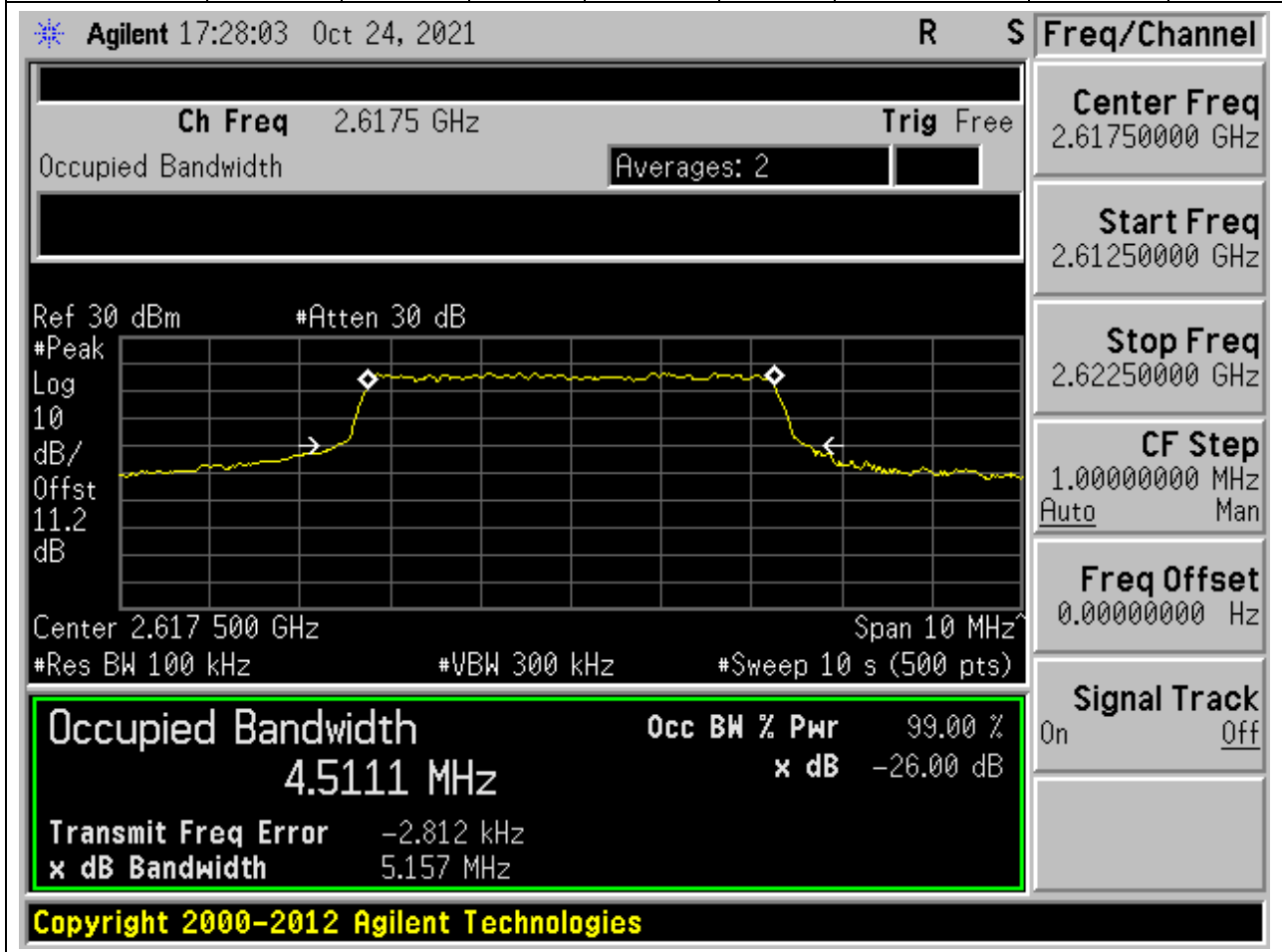
**17.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.499	5.054	5	Pass



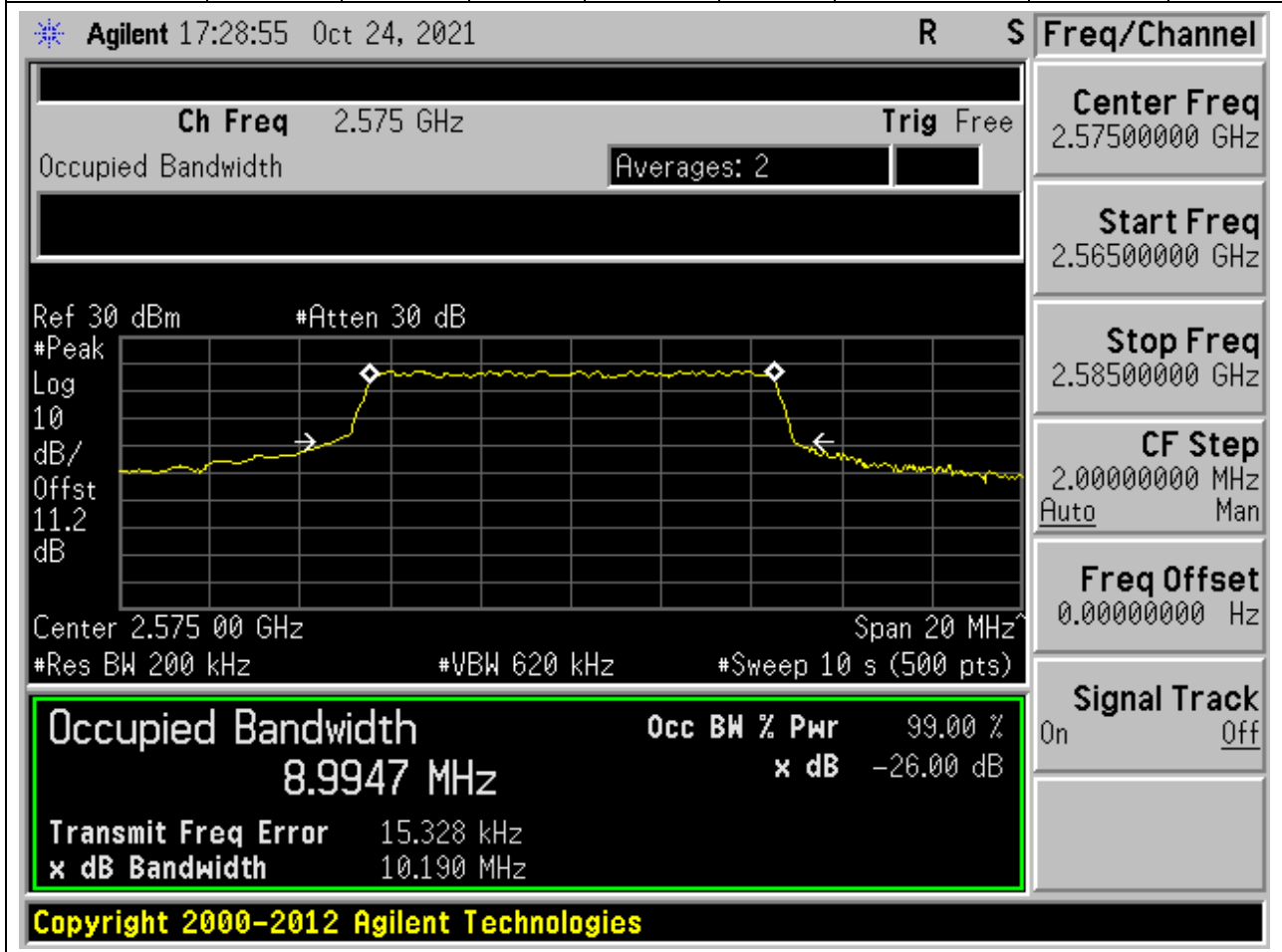
17.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:38225, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.511	5.157	5	Pass



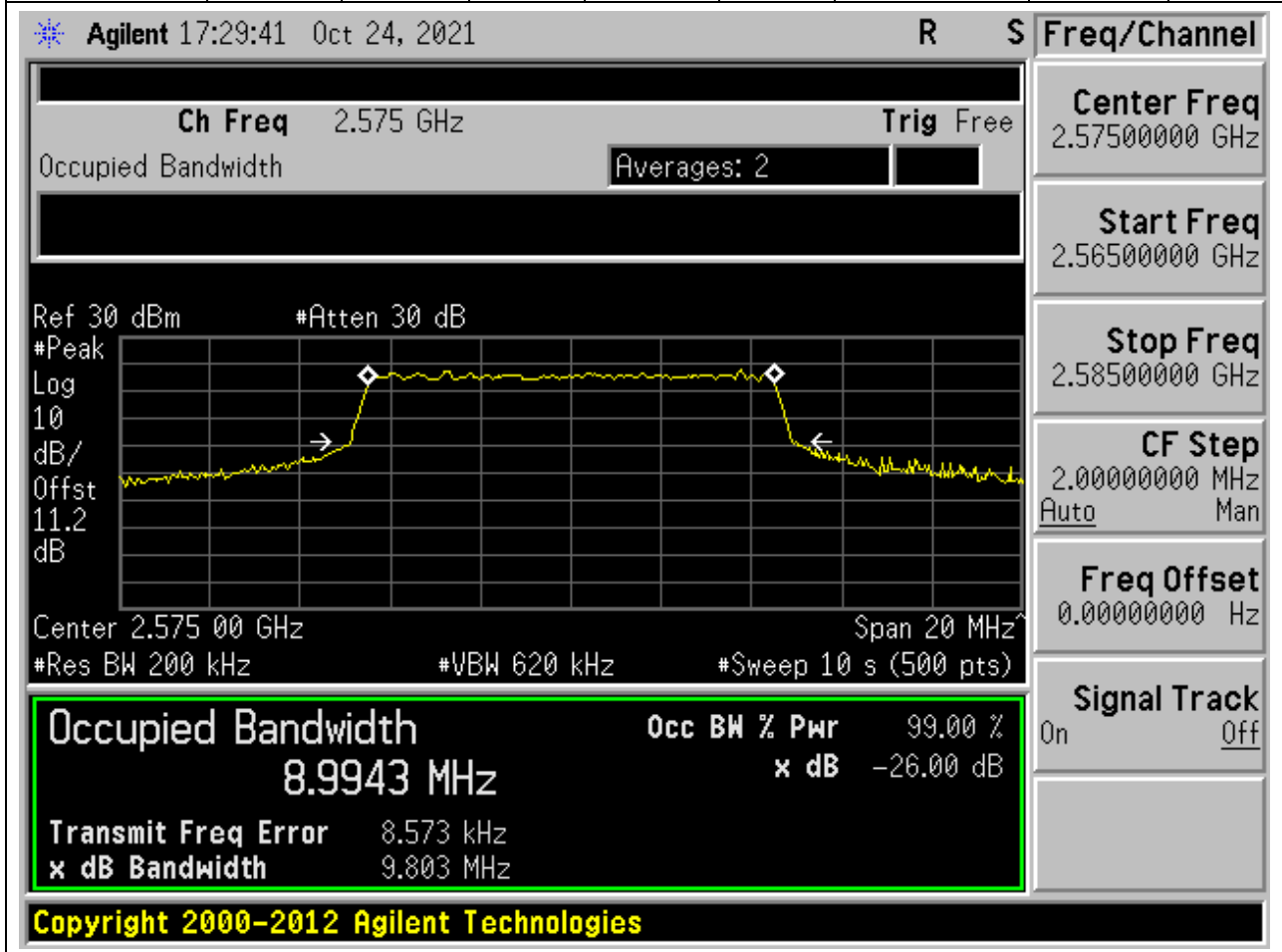
**17.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:37800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	10.19	10	Pass



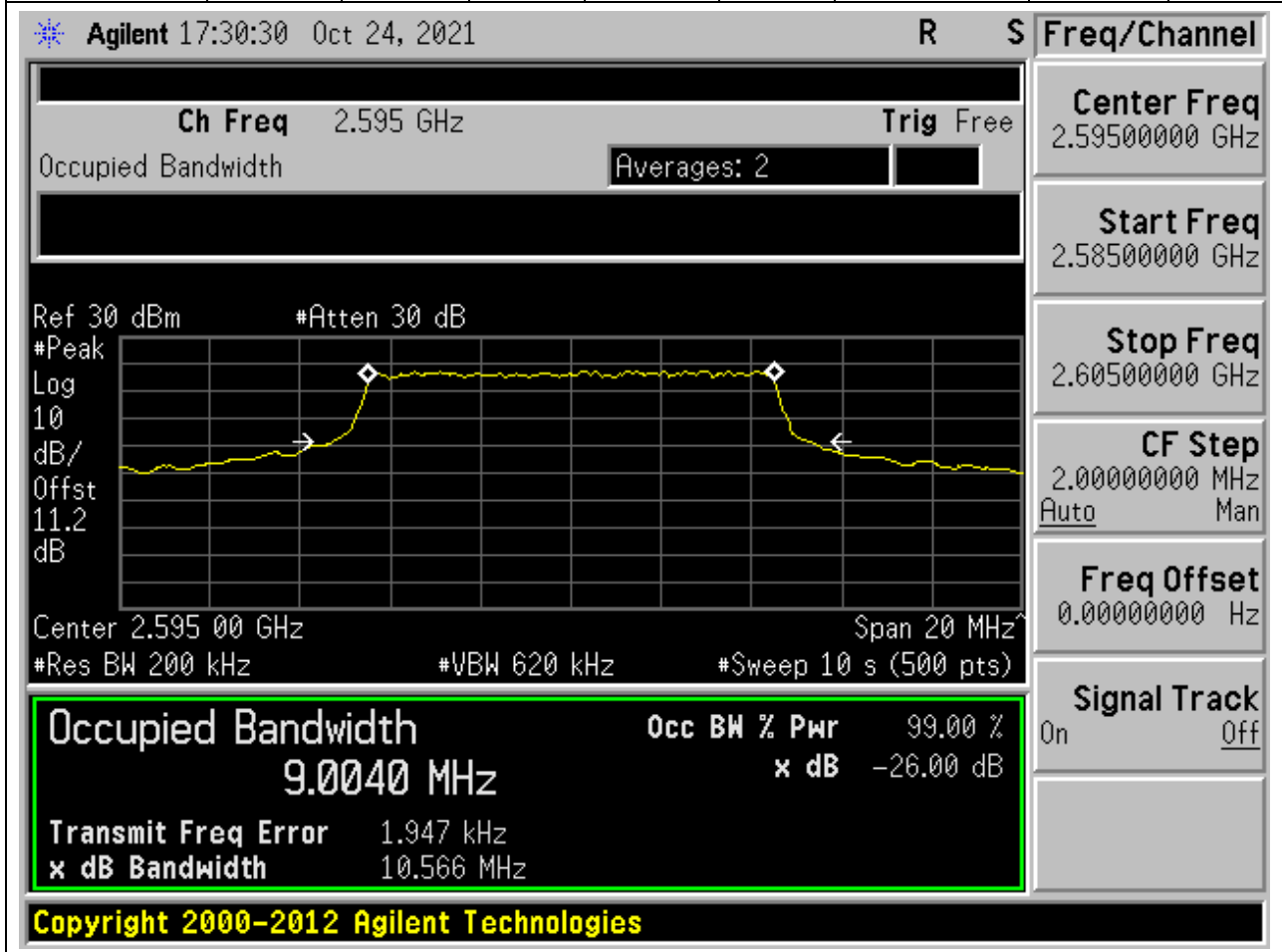
**17.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:37800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.994	9.803	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	9.004	10.566	10	Pass



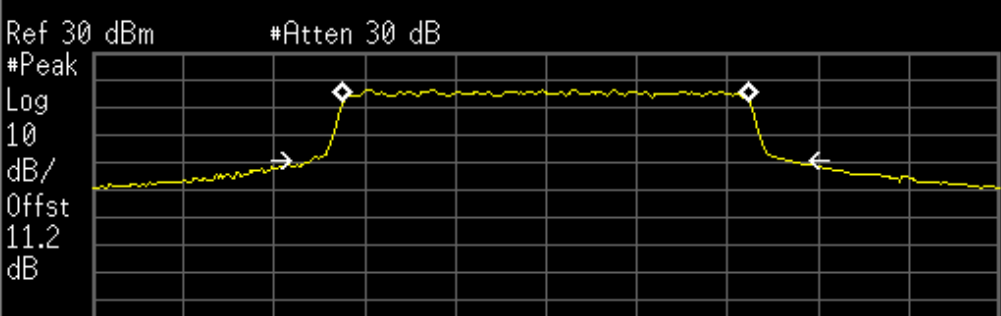
**17.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:38000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.971	10.556	10	Pass

Agilent 17:31:16 Oct 24, 2021 R S

**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 20 MHz

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

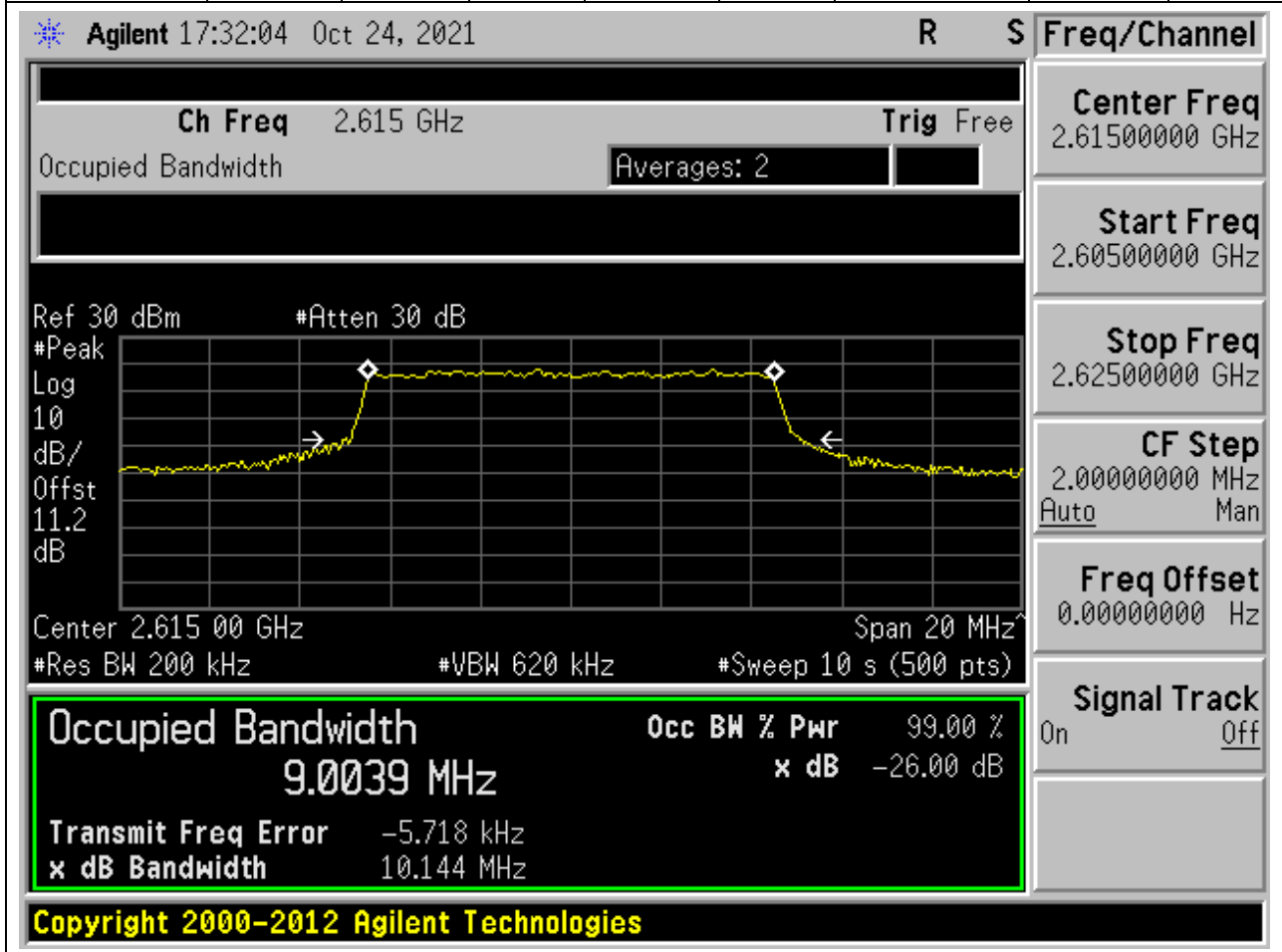
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9711 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-3.991 kHz	
<b>x dB Bandwidth</b>	10.556 MHz	

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	9.004	10.144	10	Pass



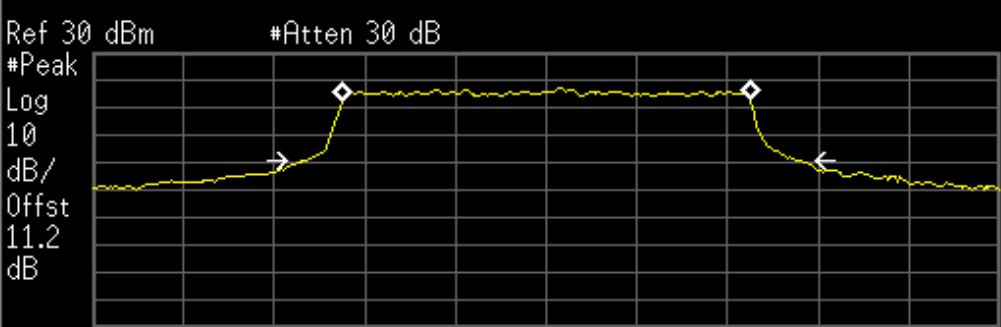
**17.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:38200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	9.002	10.79	10	Pass

Agilent 17:32:50 Oct 24, 2021 R S

**Ch Freq** 2.615 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.615 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 %
9.0021 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-8.061 kHz	
<b>x dB Bandwidth</b>	10.790 MHz	

**Signal Track**  
On Off

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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	13.472	14.876	15	Pass

Agilent 17:33:42 Oct 24, 2021 R S

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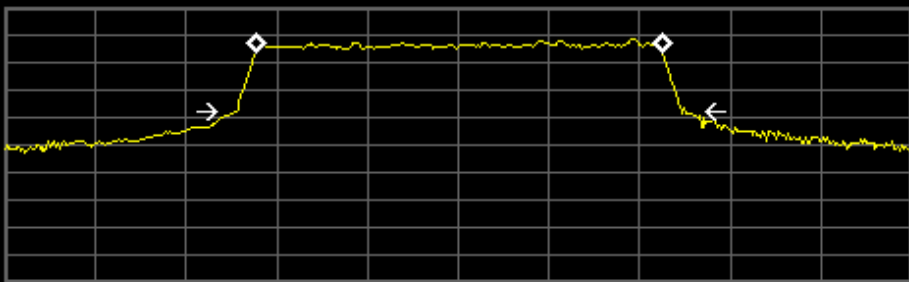
**Ch Freq** 2.5775 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.577 50 GHz Span 30 MHz

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

**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

---

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

**13.4721 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 15.109 kHz

**x dB Bandwidth** 14.876 MHz

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

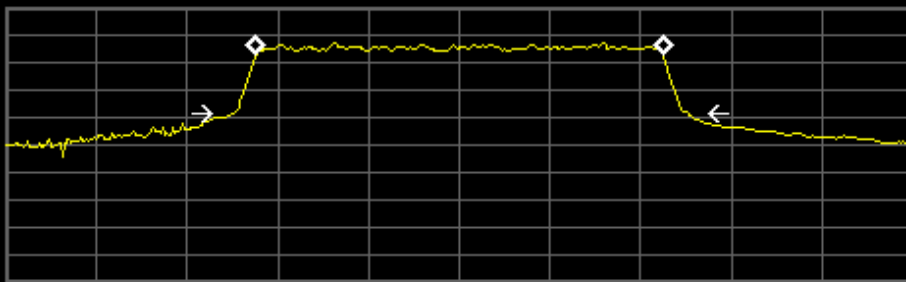
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.489	15.083	15	Pass

Agilent 17:34:28 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.577 50 GHz Span 30 MHz

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

**Center Freq**  
2.57750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.59250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

13.4890 MHz **x dB** -26.00 dB

**Transmit Freq Error** -3.265 kHz

**x dB Bandwidth** 15.083 MHz

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

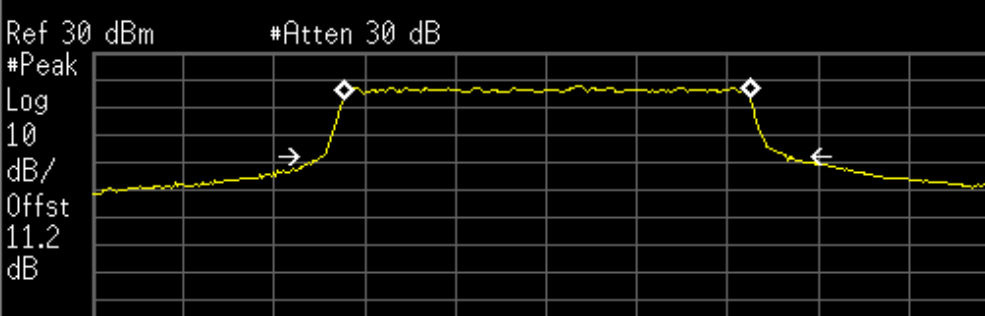
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.446	15.593	15	Pass

Agilent 17:35:16 Oct 24, 2021 R S

---

**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 30 MHz

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

**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58000000 GHz

**Stop Freq**  
2.61000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4464 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 11.734 kHz

**x dB Bandwidth** 15.593 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.532	16.098	15	Pass

Agilent 17:36:02 Oct 24, 2021 R S

---

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

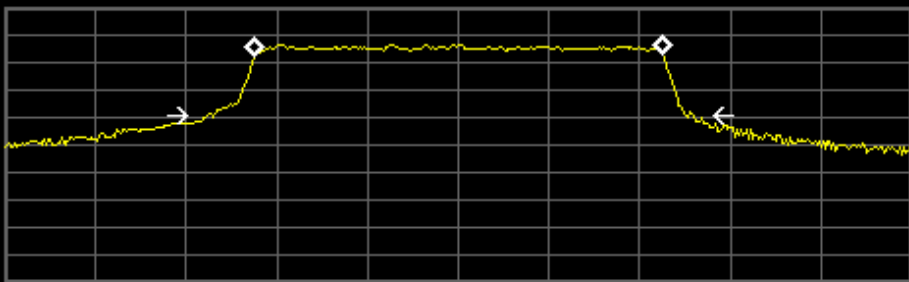
10

dB/

Offst

11.2

dB



Center 2.595 00 GHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58000000 GHz

**Stop Freq**  
2.61000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.5318 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.414 kHz

**x dB Bandwidth** 16.098 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.454	15.562	15	Pass

Agilent 17:36:51 Oct 24, 2021 R S

---

**Ch Freq** 2.6125 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

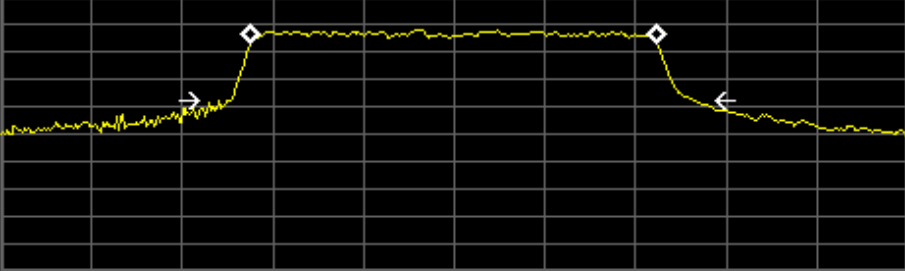
10

dB/

Offst

11.2

dB



Center 2.612 50 GHz Span 30 MHz

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

**Center Freq**  
2.61250000 GHz

**Start Freq**  
2.59750000 GHz

**Stop Freq**  
2.62750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.4541 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -9.365 kHz

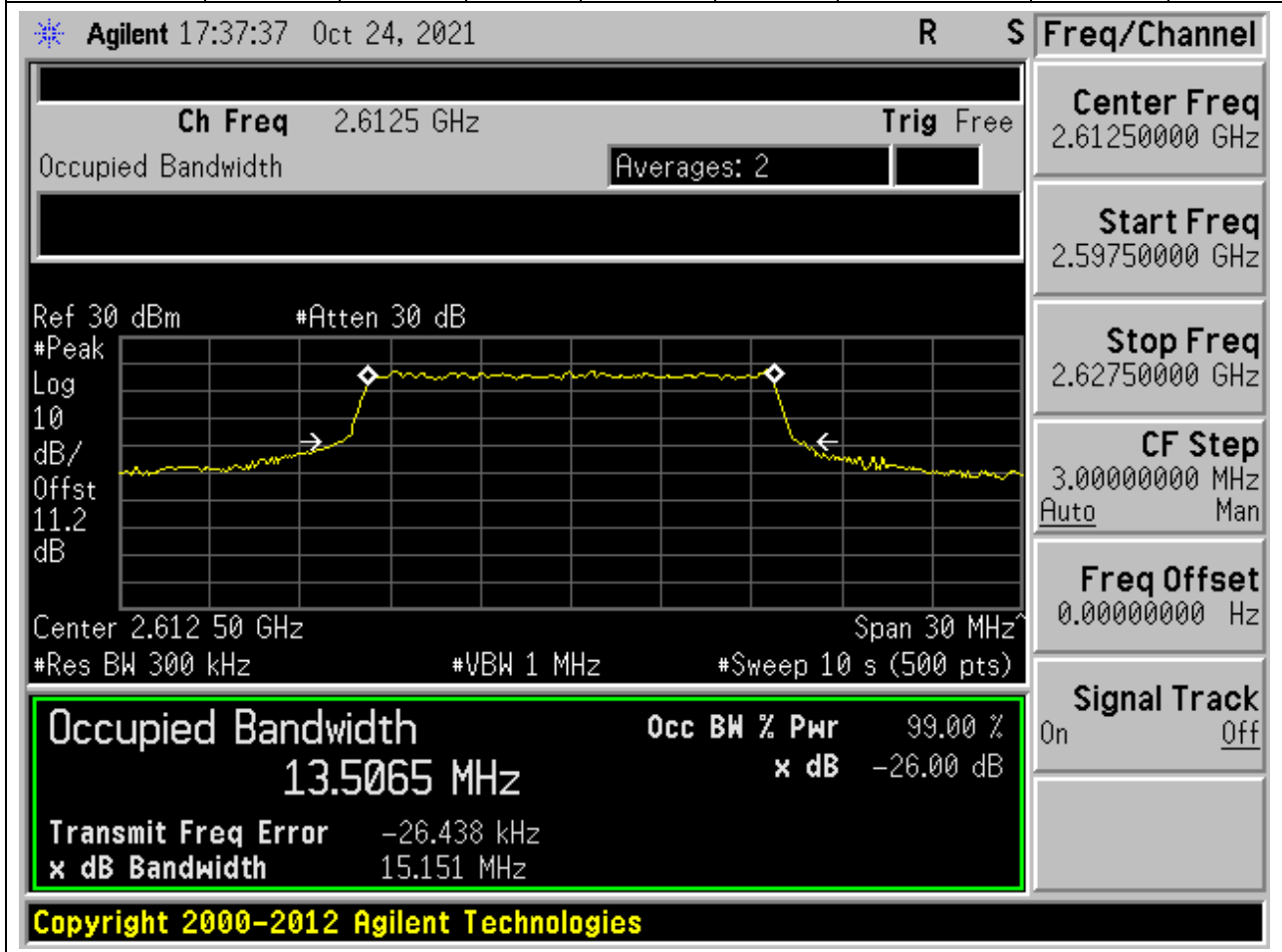
**x dB Bandwidth** 15.562 MHz

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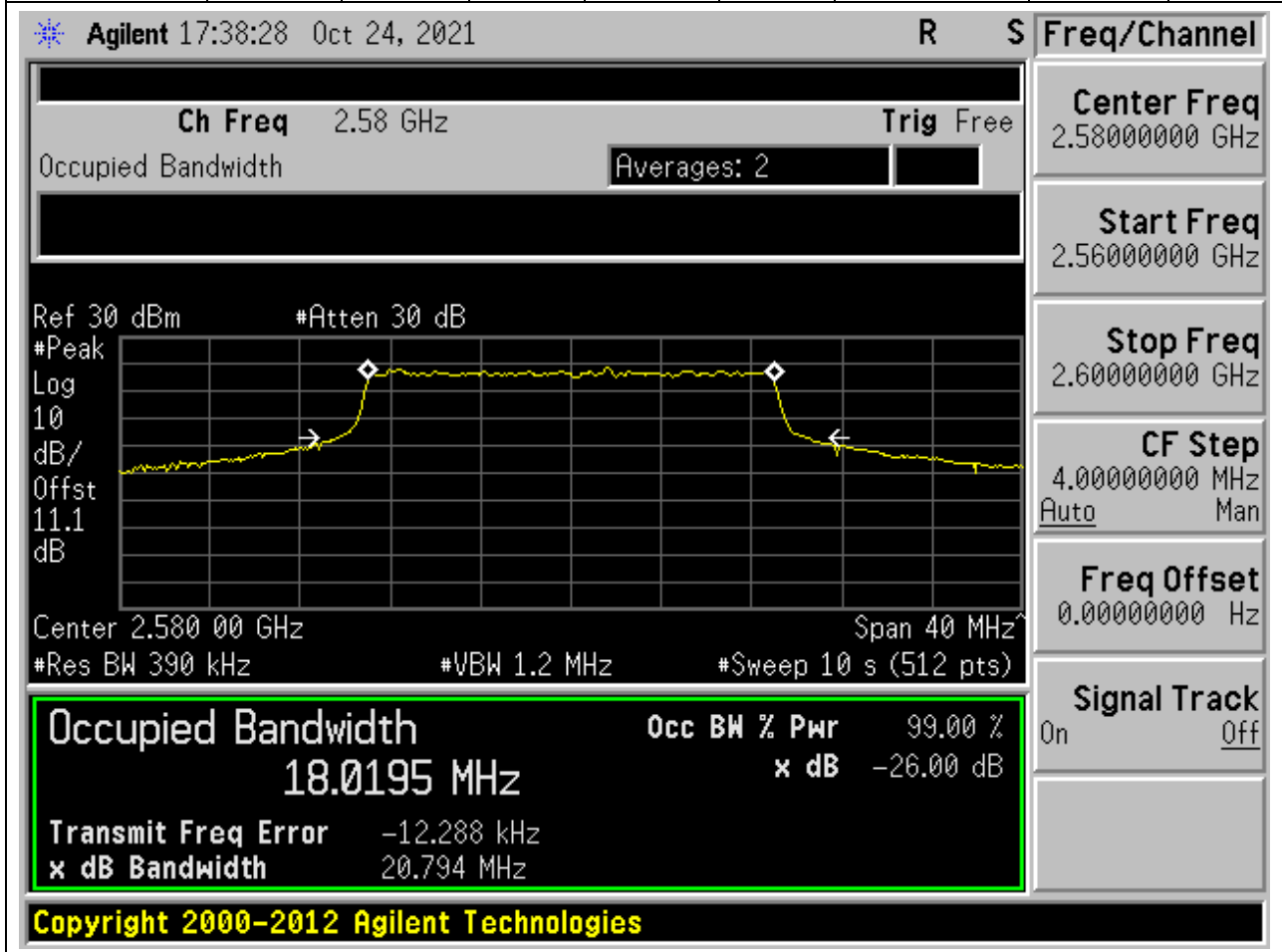
**17.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:38175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.507	15.151	15	Pass



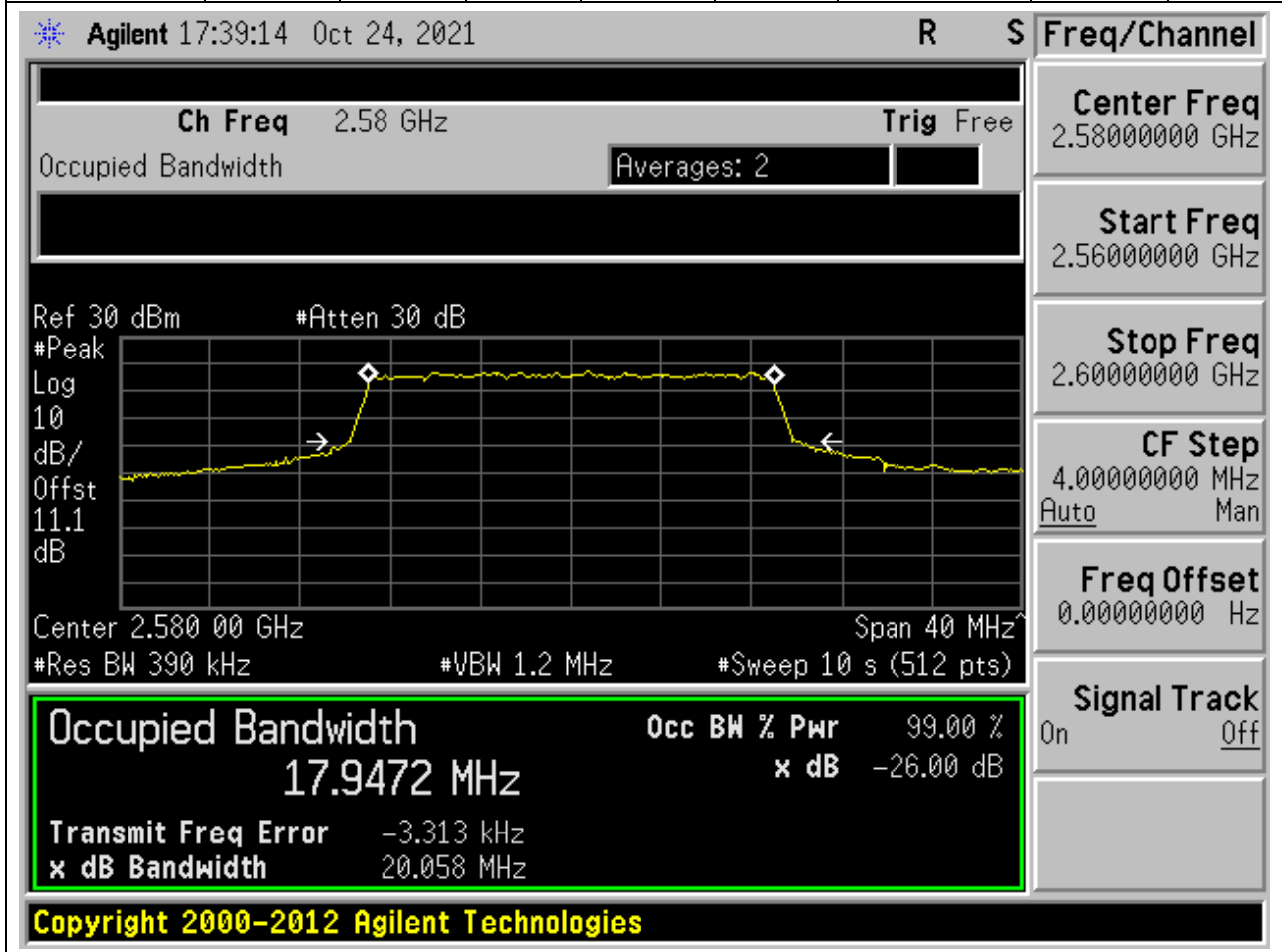
**17.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	18.02	20.794	20	Pass



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

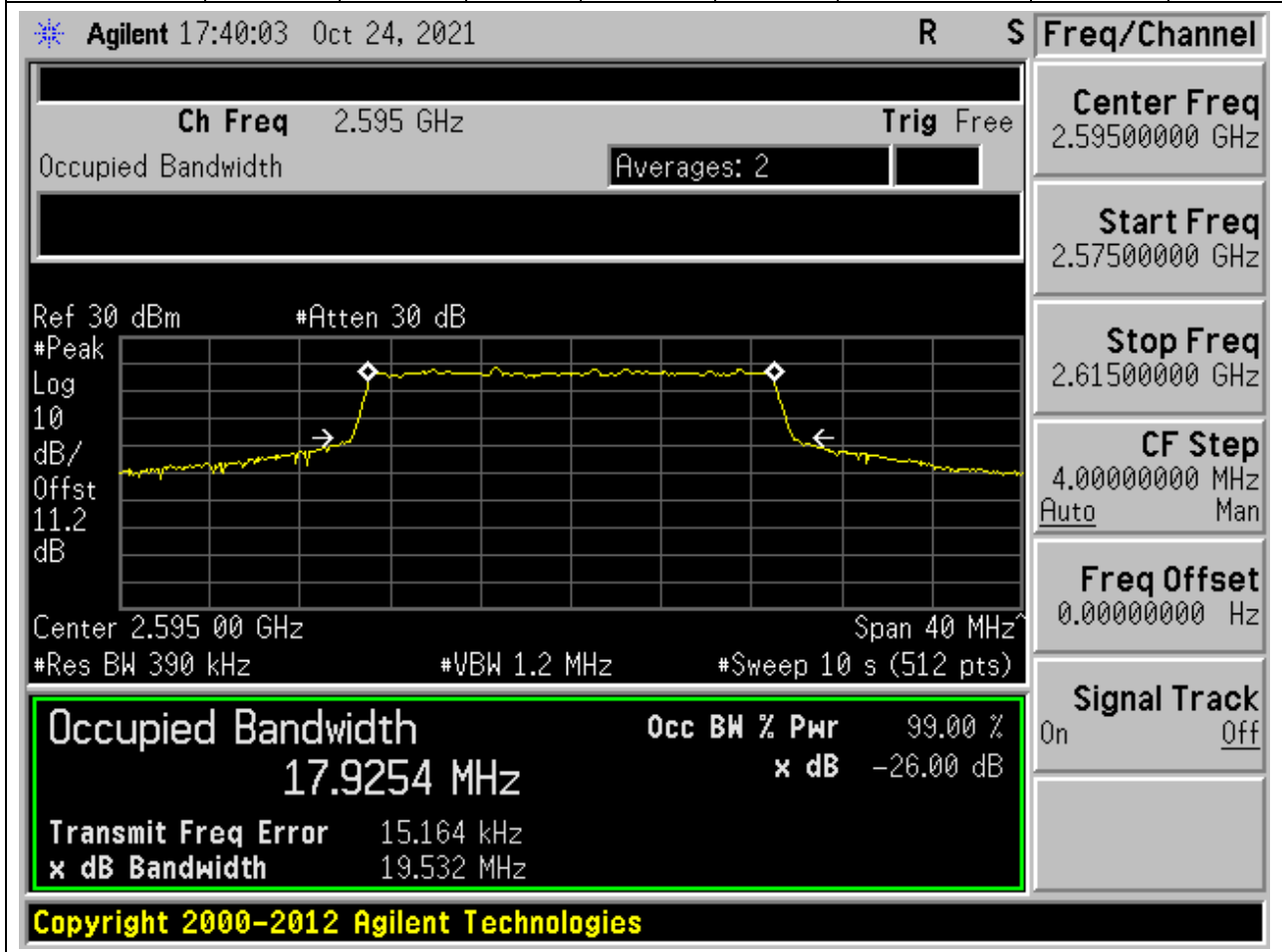
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.947	20.058	20	Pass





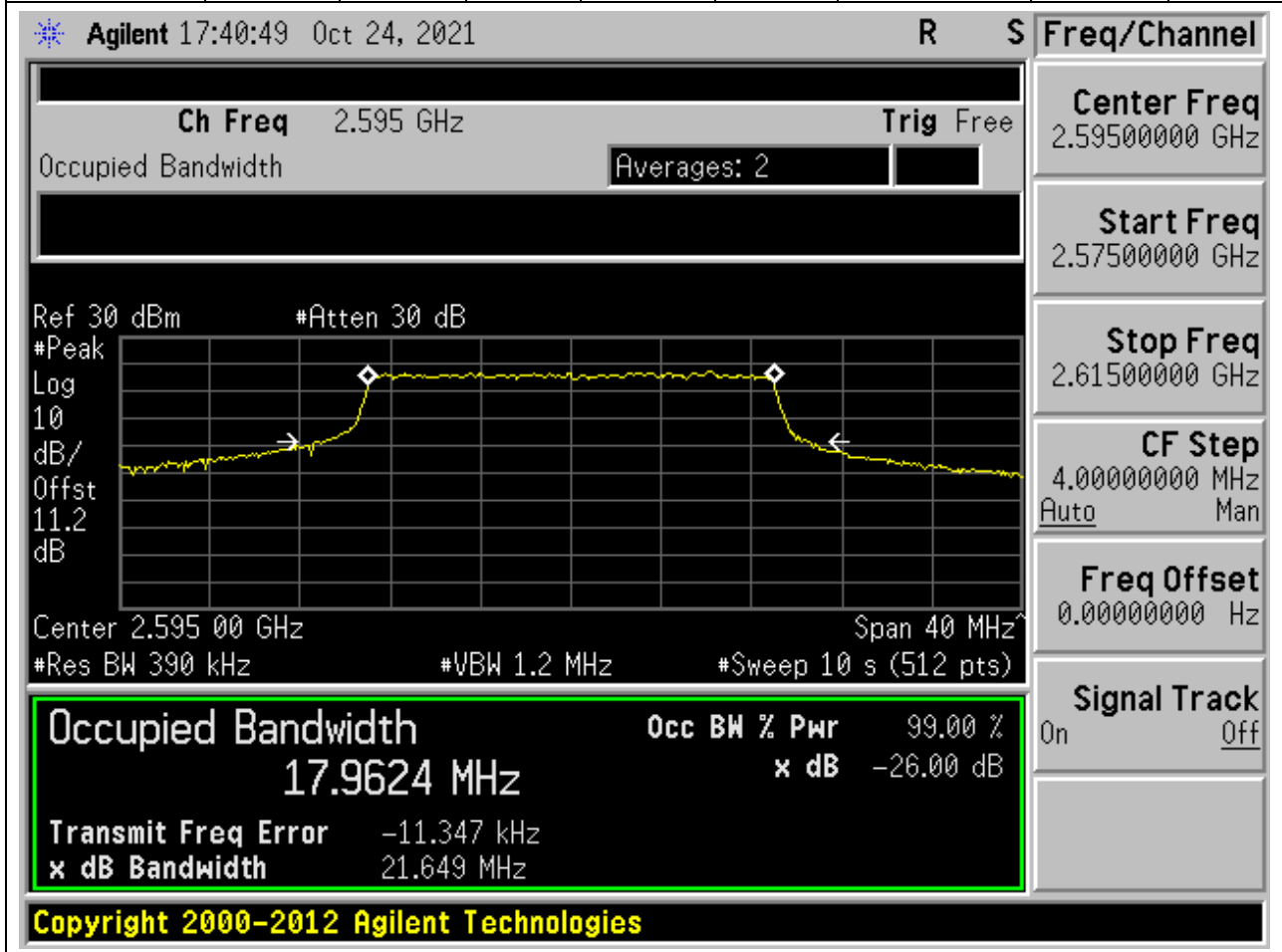
**17.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.925	19.532	20	Pass



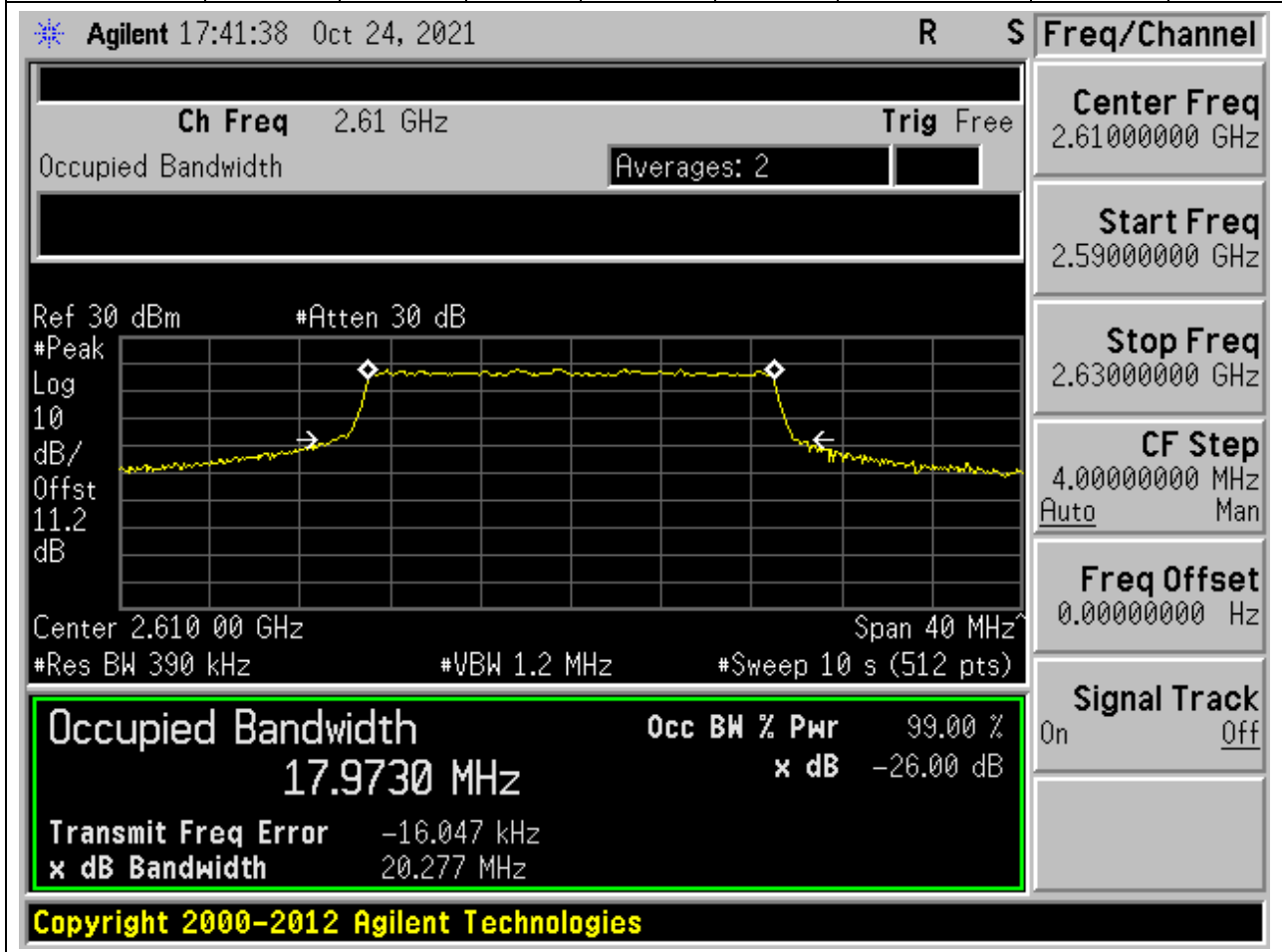
**17.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.962	21.649	20	Pass



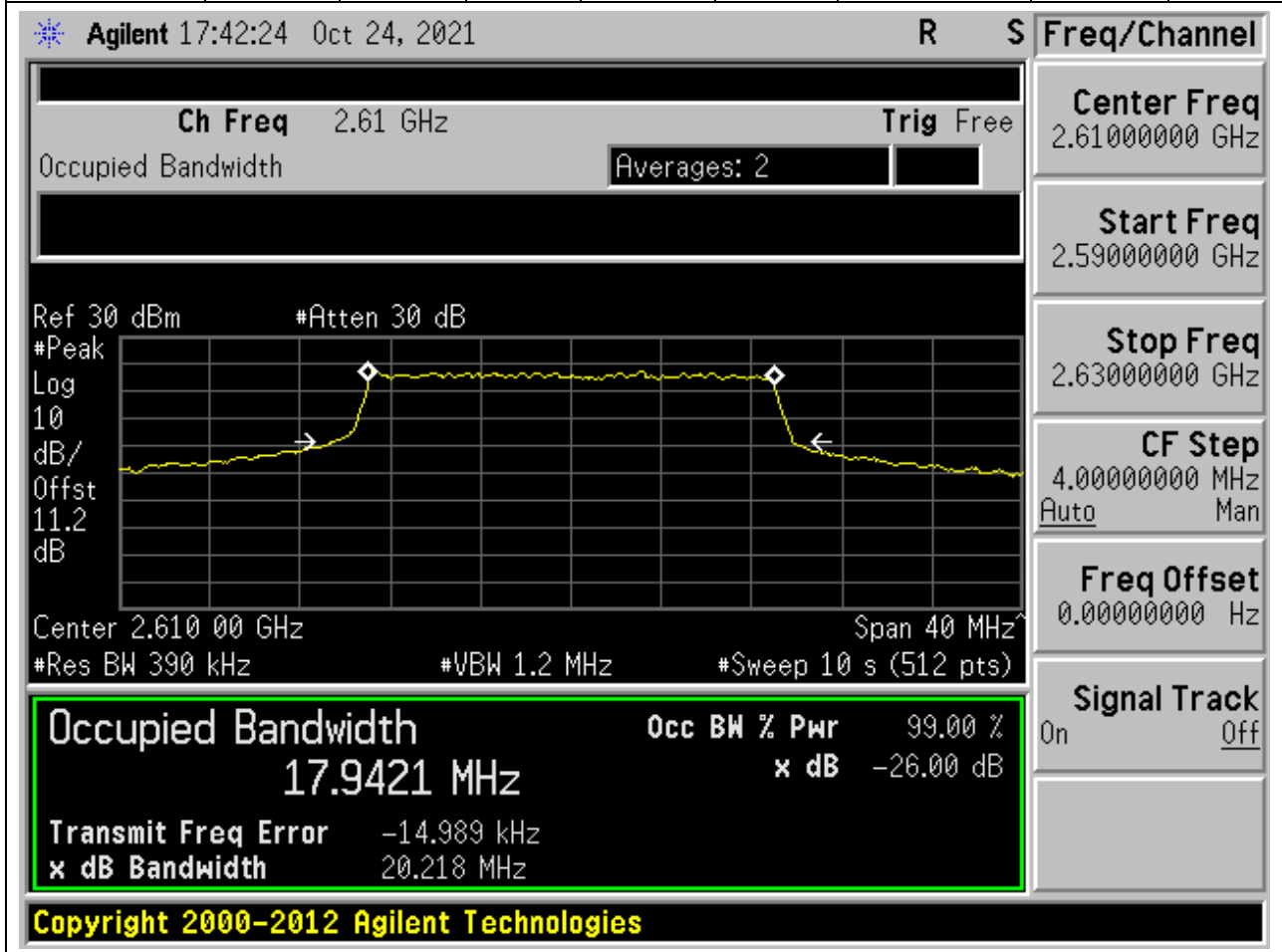
**17.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.973	20.277	20	Pass



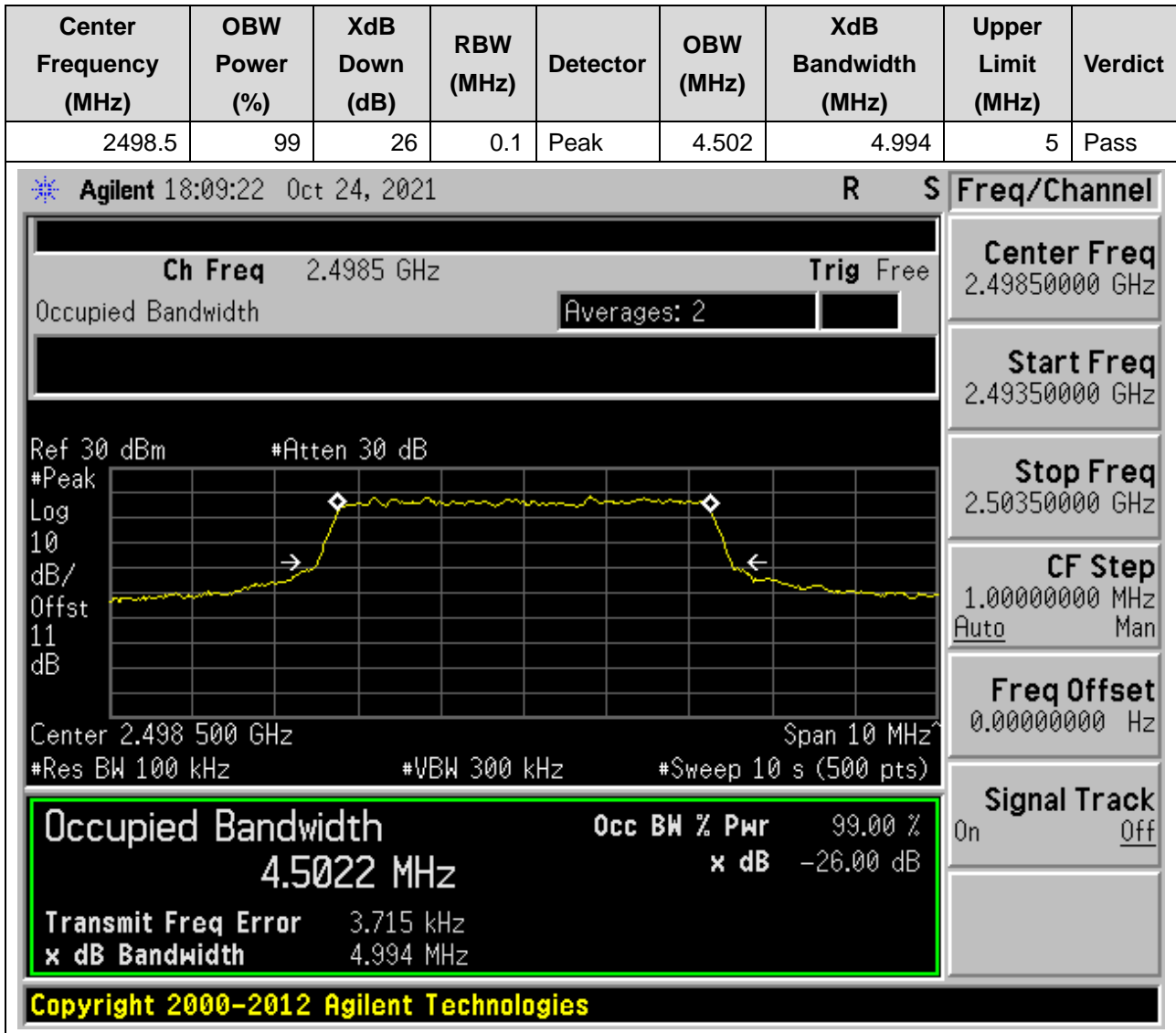
**17.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.942	20.218	20	Pass



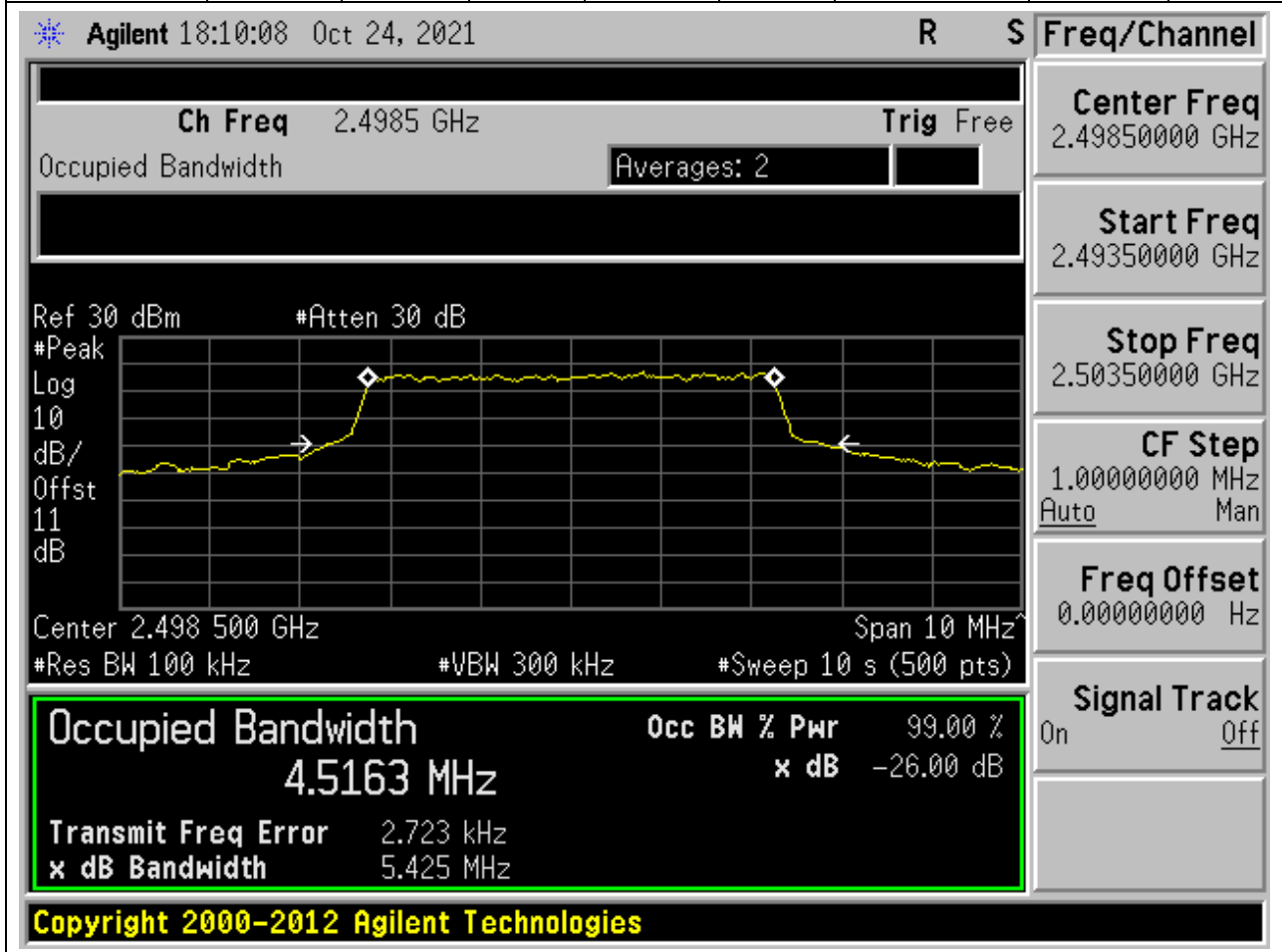
## 18. LTE\_Band41 full

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



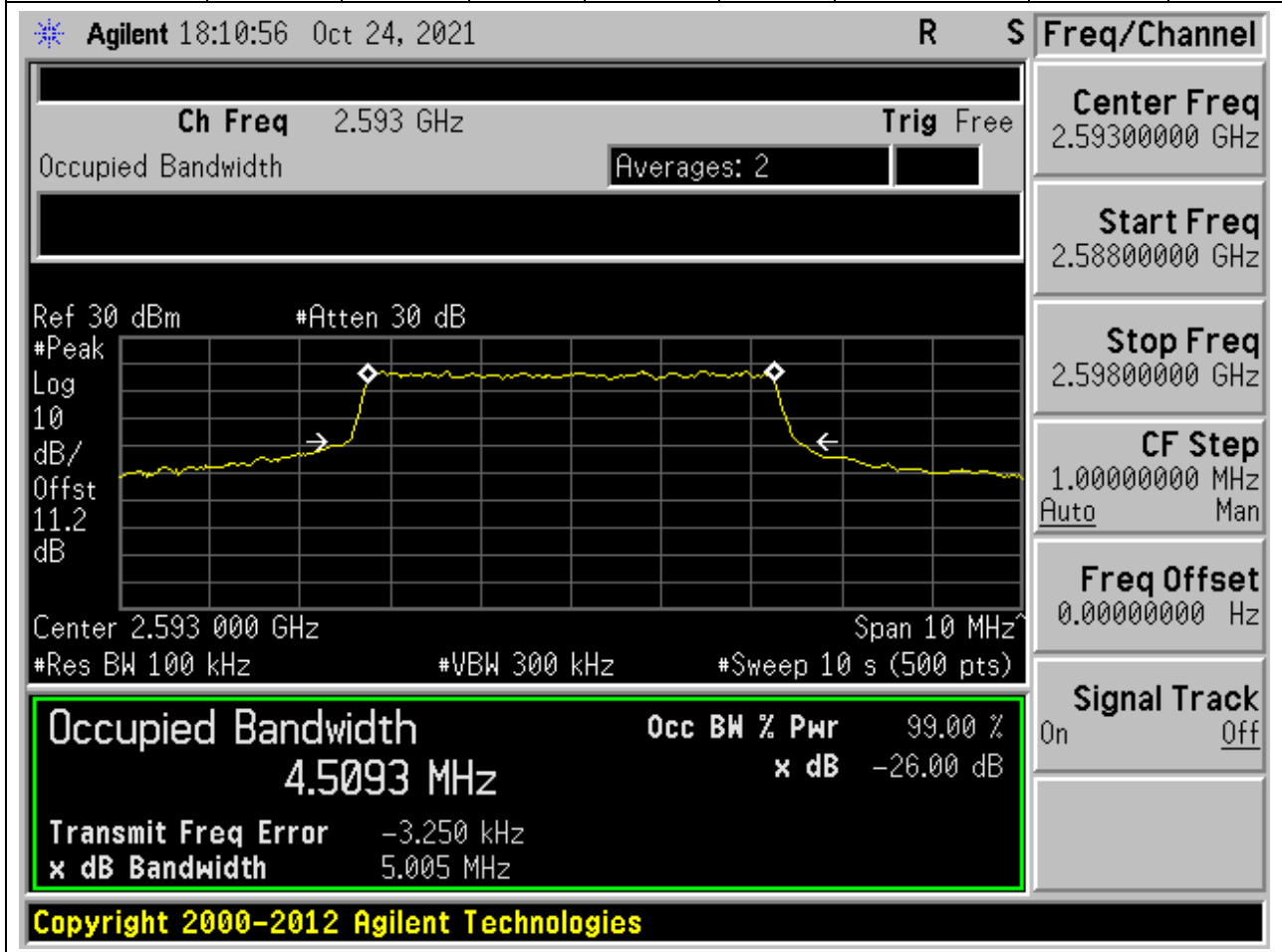
**18.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.516	5.425	5	Pass



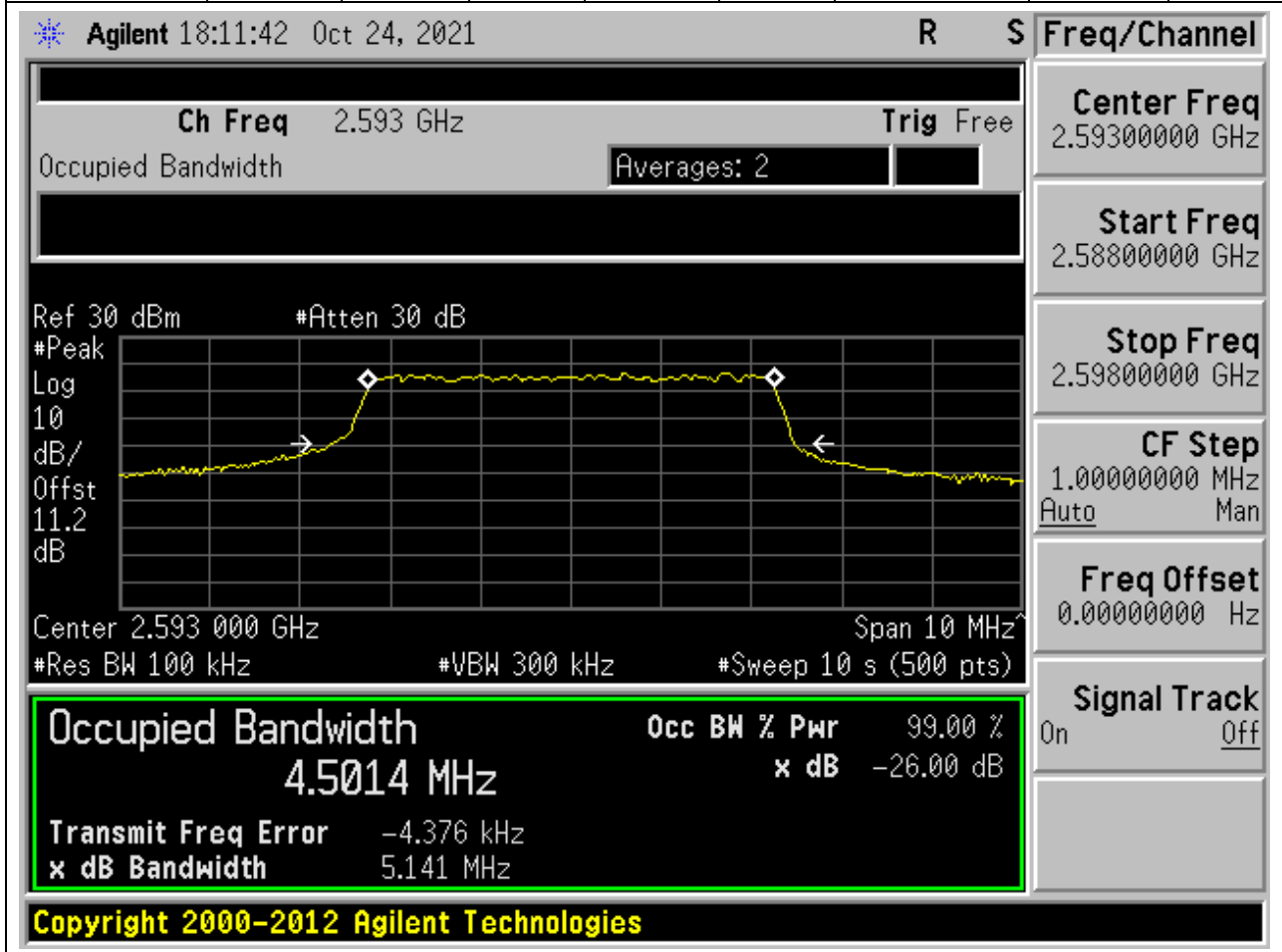
**18.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.509	5.005	5	Pass



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

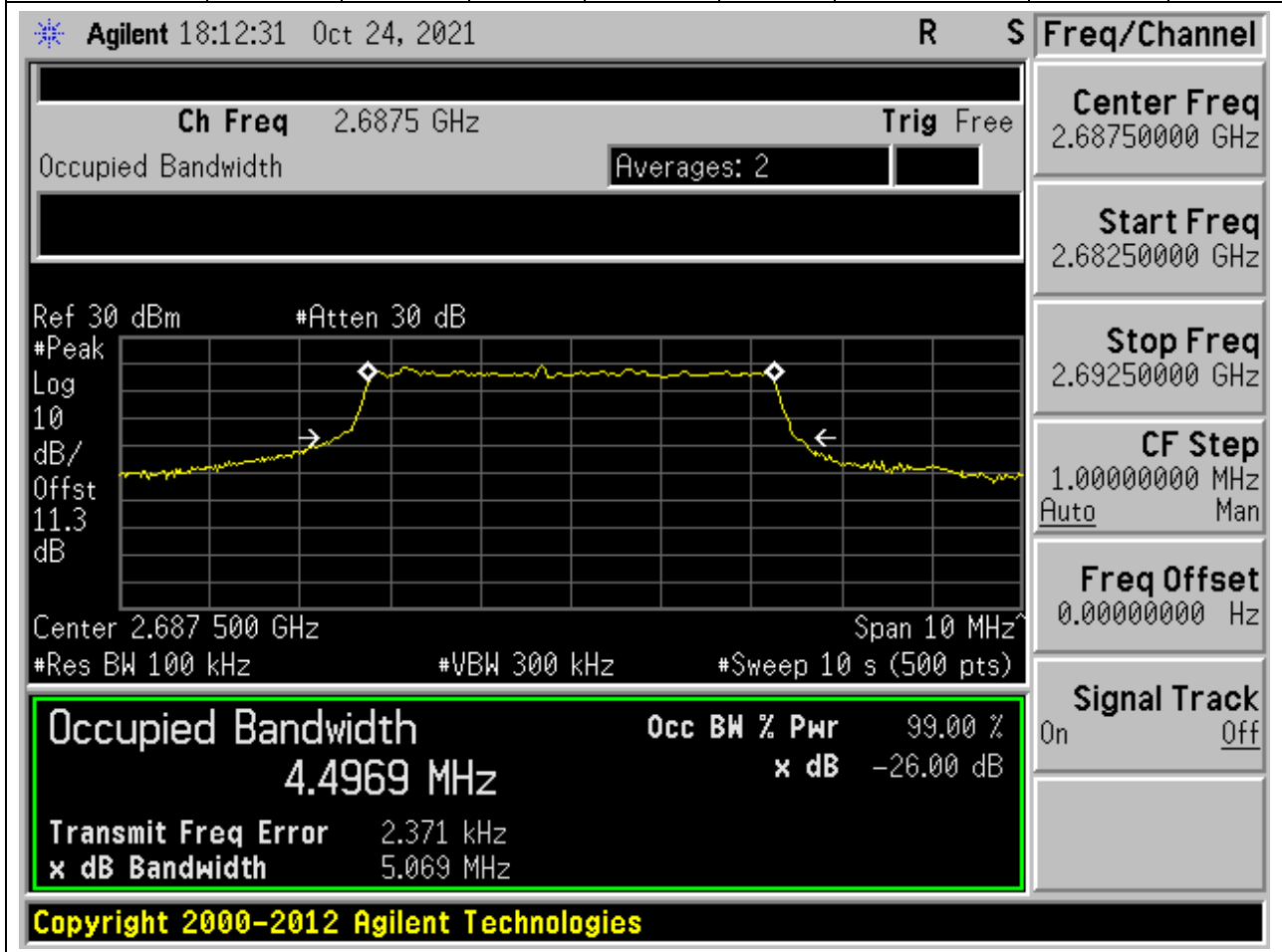
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.501	5.141	5	Pass





**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	4.497	5.069	5	Pass



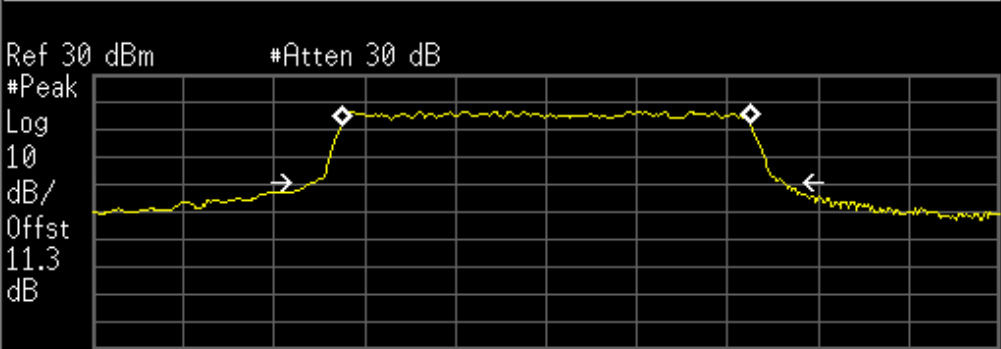
**18.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.512	5.216	5	Pass

Agilent 18:13:17 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.687 500 GHz Span 10 MHz

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

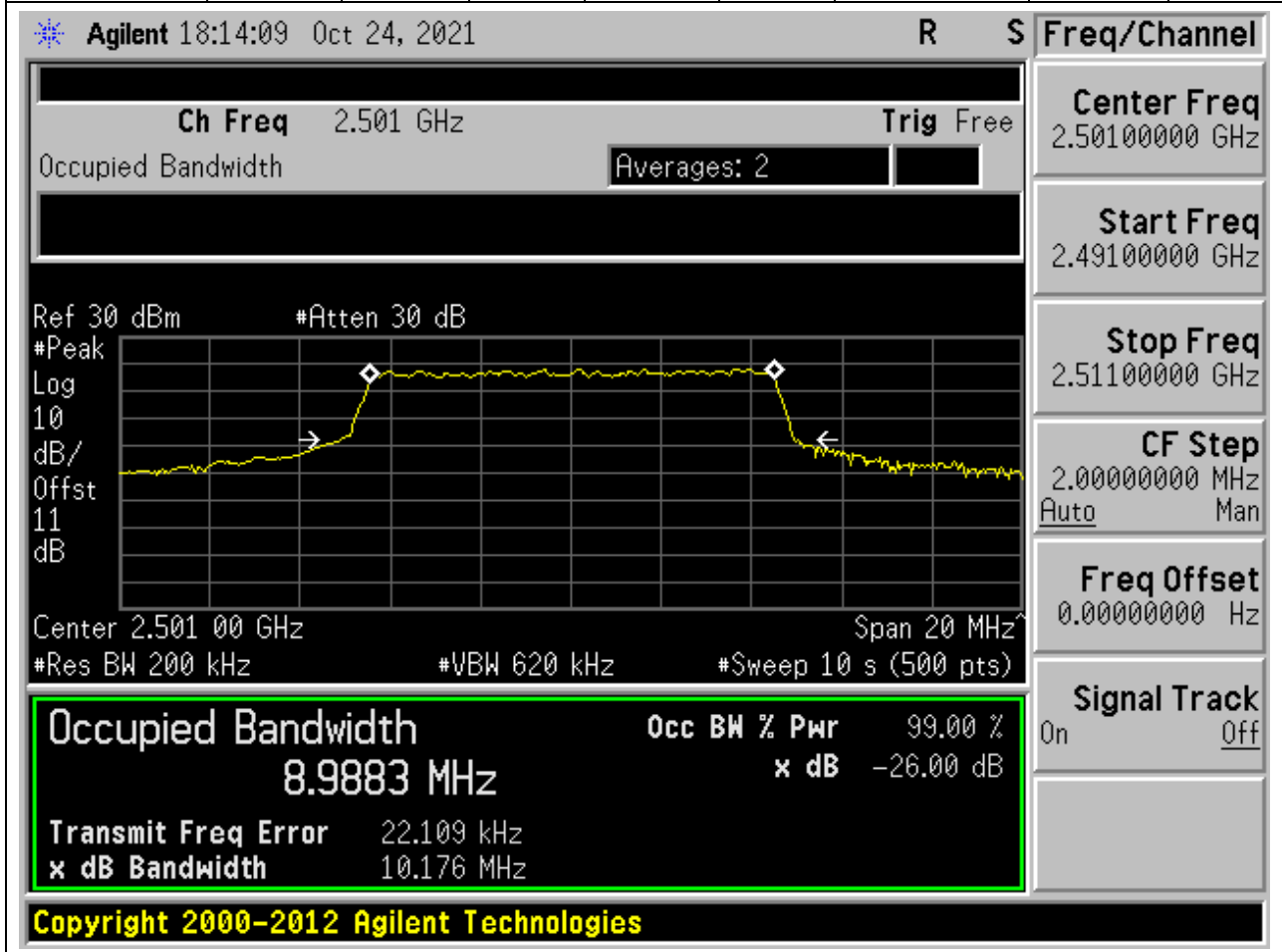
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5117 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.076 kHz	
<b>x dB Bandwidth</b>	5.216 MHz	

**Signal Track**  
On Off

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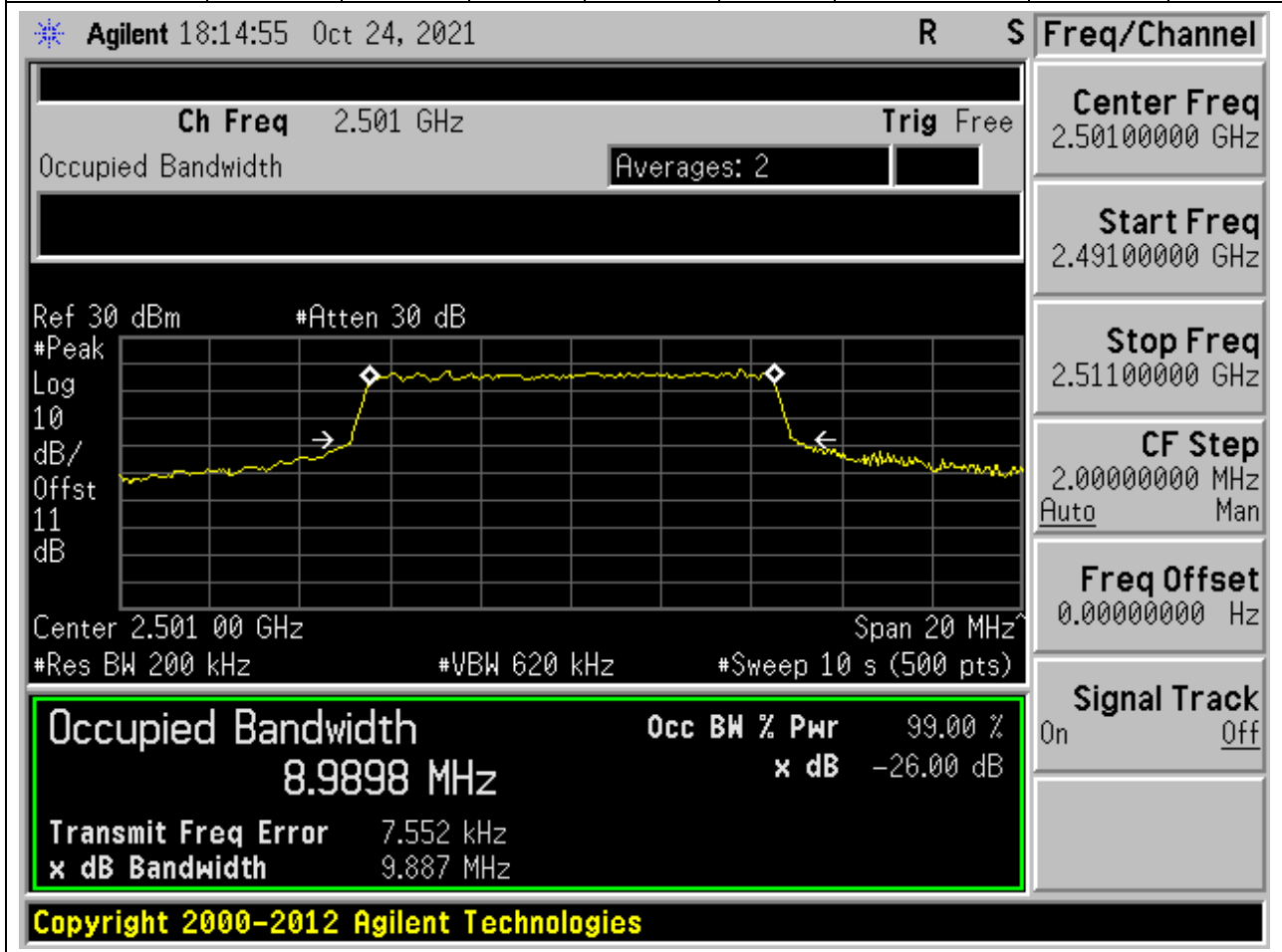
**18.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.988	10.176	10	Pass



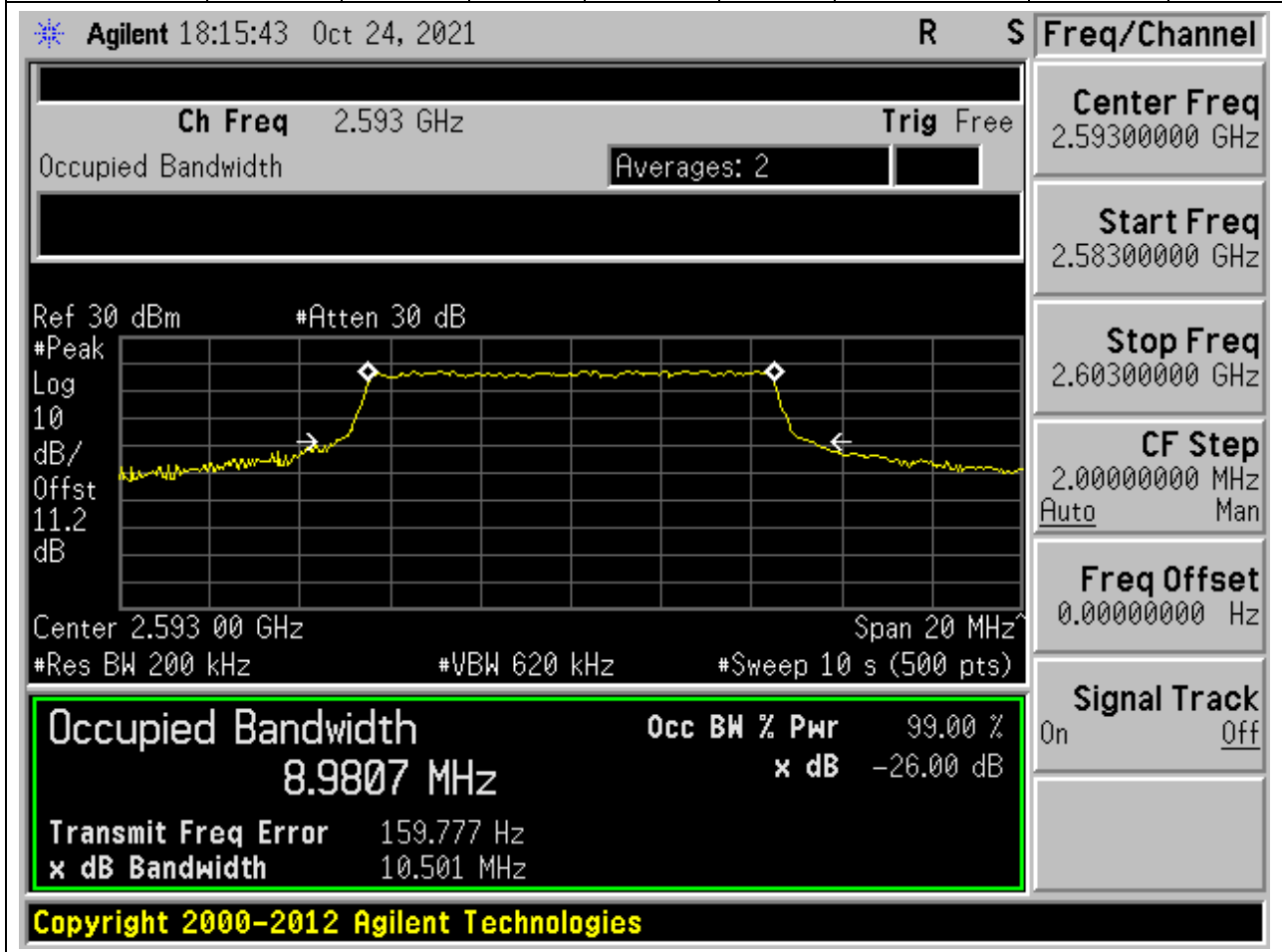
**18.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:39700, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.99	9.887	10	Pass



**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	8.981	10.501	10	Pass



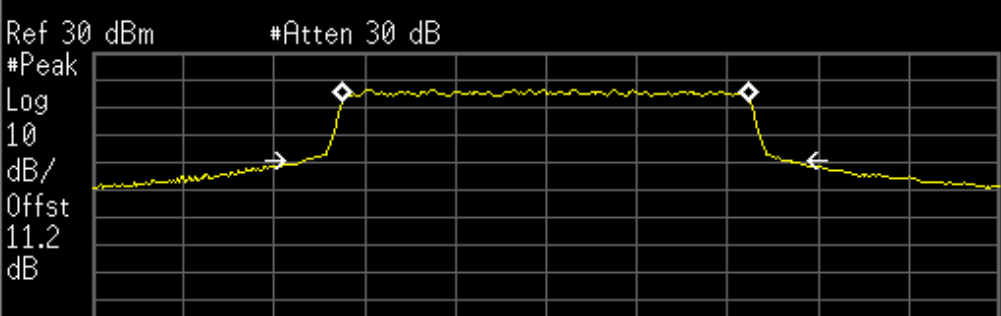
**18.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:40620, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.979	10.576	10	Pass

Agilent 18:16:29 Oct 24, 2021 R S

**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 20 MHz

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

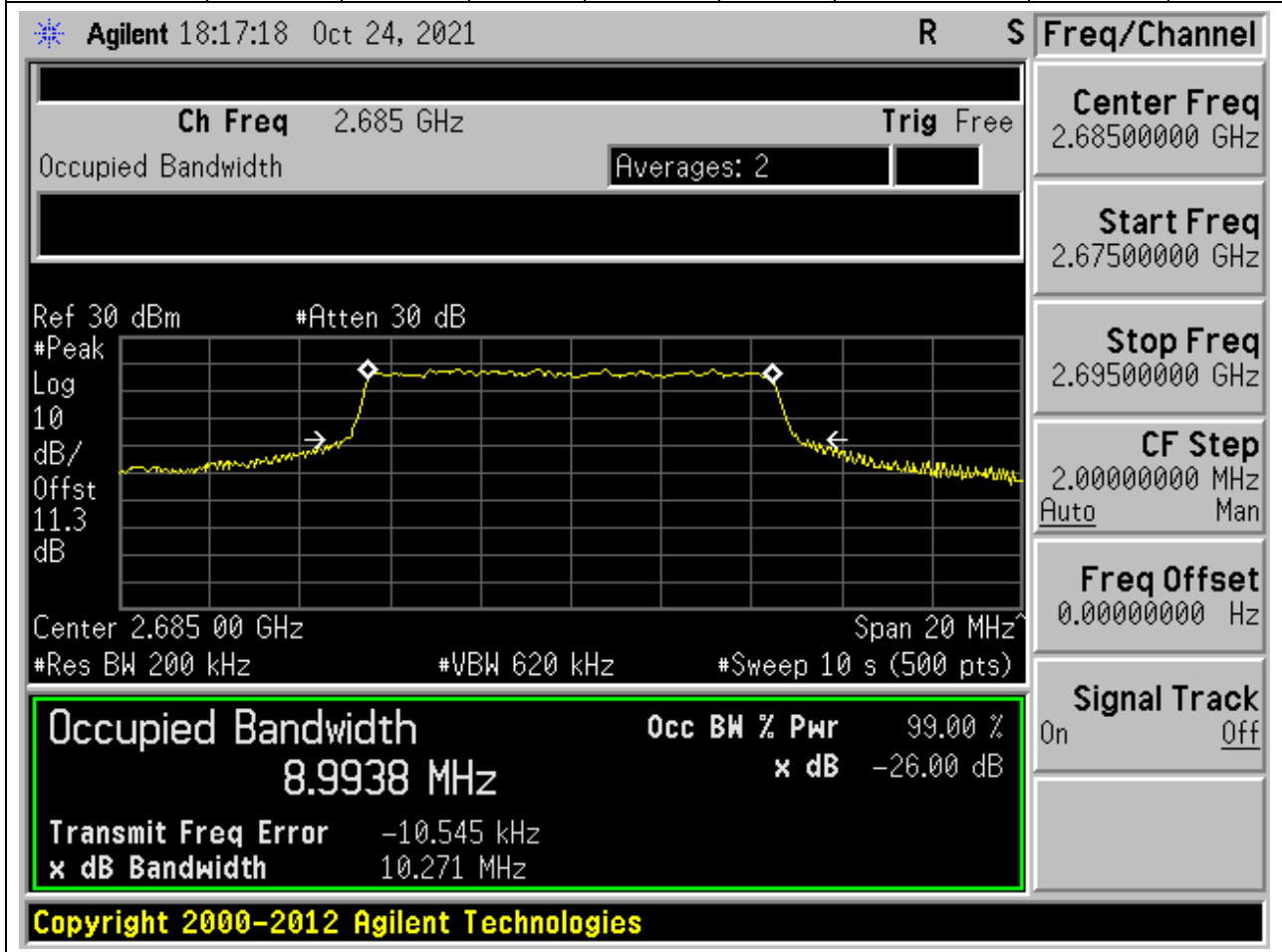
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9792 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-5.823 kHz	
<b>x dB Bandwidth</b>	10.576 MHz	

**Signal Track**  
On Off

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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	8.994	10.271	10	Pass



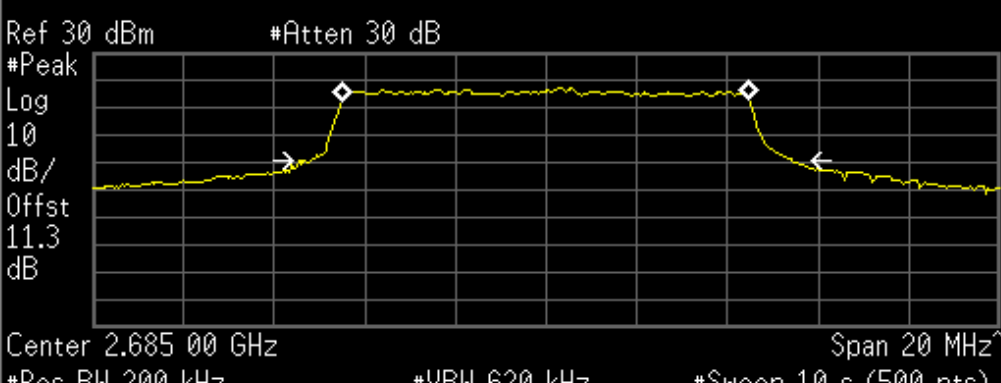
**18.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:41540, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.999	10.553	10	Pass

Agilent 18:18:04 Oct 24, 2021 R 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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9988 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-14.408 kHz	
<b>x dB Bandwidth</b>	10.553 MHz	

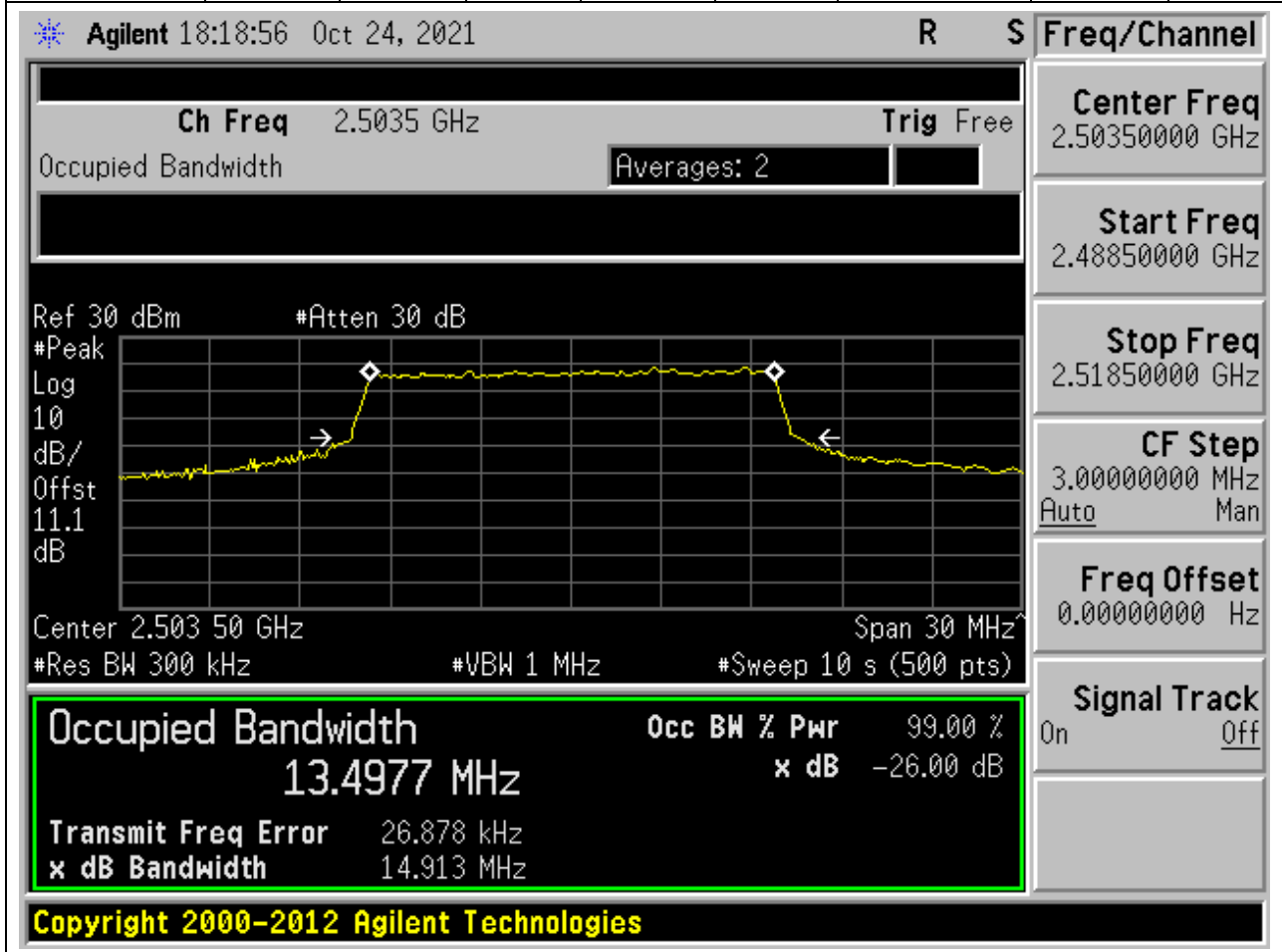
**Signal Track**  
On Off

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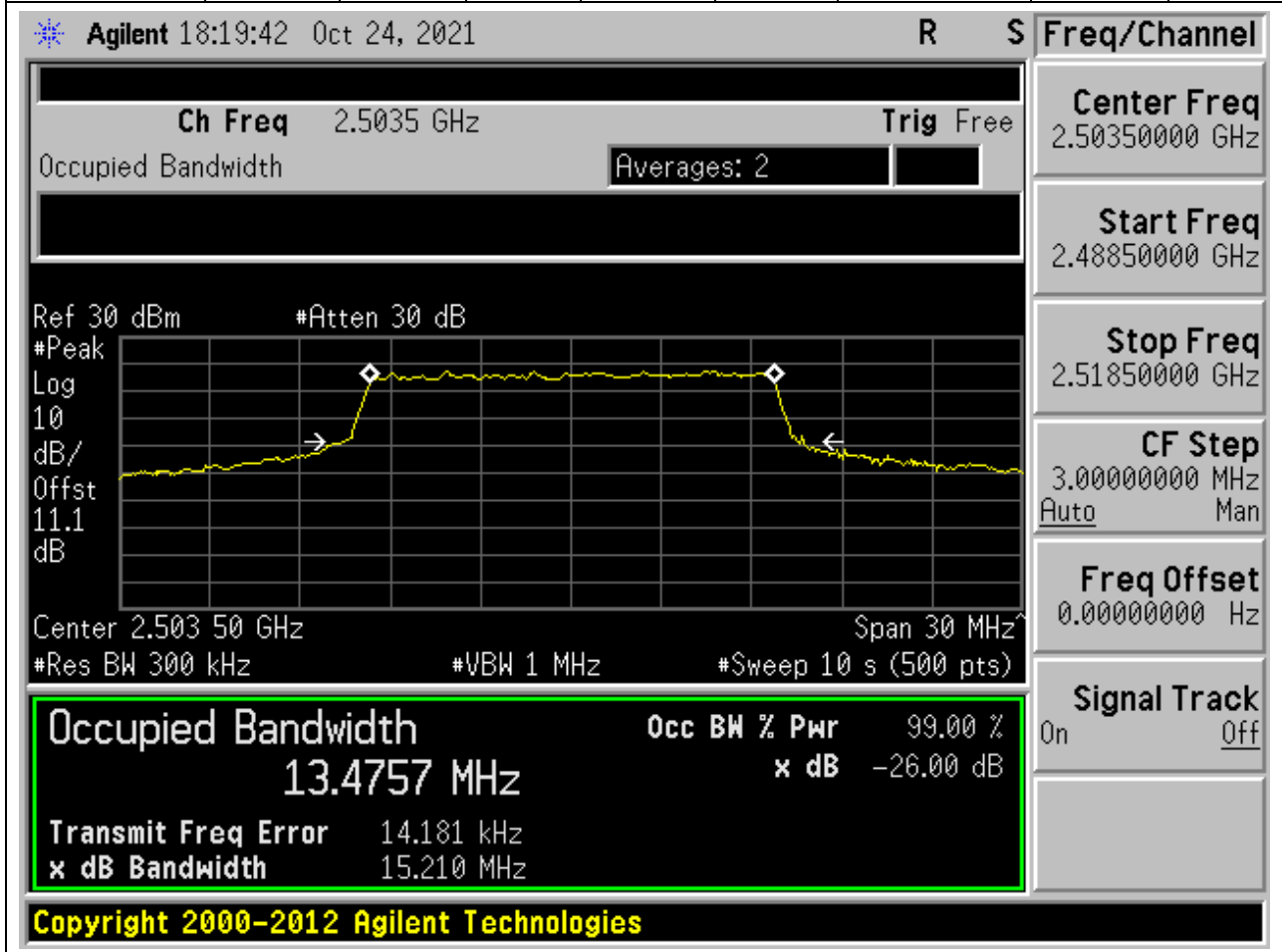
**18.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.498	14.913	15	Pass



**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	13.476	15.21	15	Pass



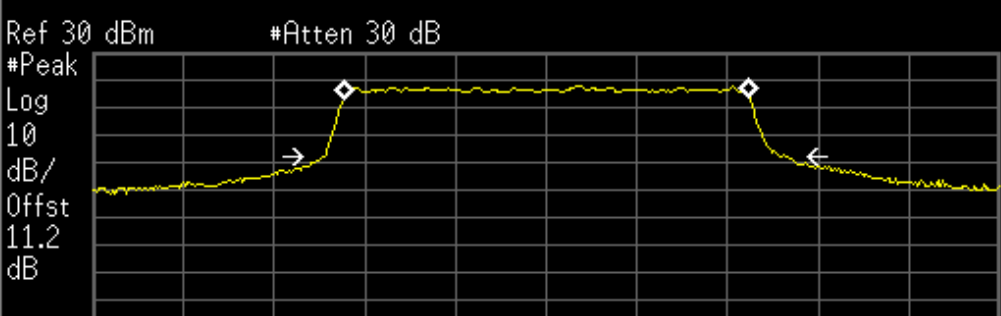
**18.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:40620, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.445	15.397	15	Pass

Agilent 18:20:30 Oct 24, 2021 R S

**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 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>13.4451 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	9.386 kHz	
<b>x dB Bandwidth</b>	15.397 MHz	

**Signal Track** On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.534	16.031	15	Pass

Agilent 18:21:16 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

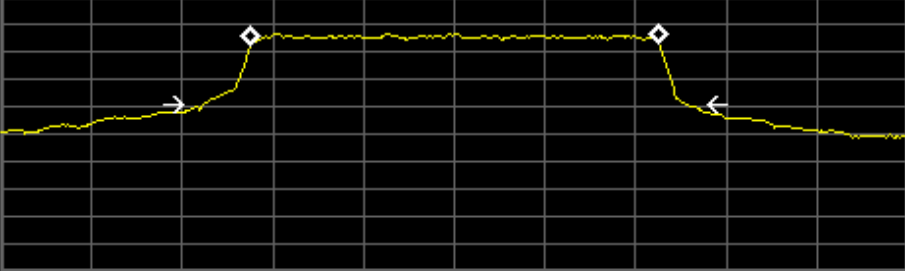
10

dB/

Offst

11.2

dB



Center 2.593 00 GHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.57800000 GHz

**Stop Freq**  
2.60800000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**13.5343 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 4.563 kHz

**x dB Bandwidth** 16.031 MHz

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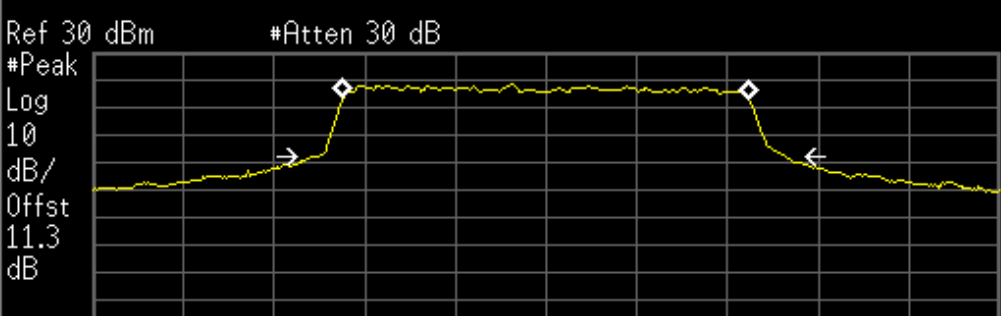
**18.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:41515, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.452	15.457	15	Pass

Agilent 18:22:05 Oct 24, 2021 R 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)

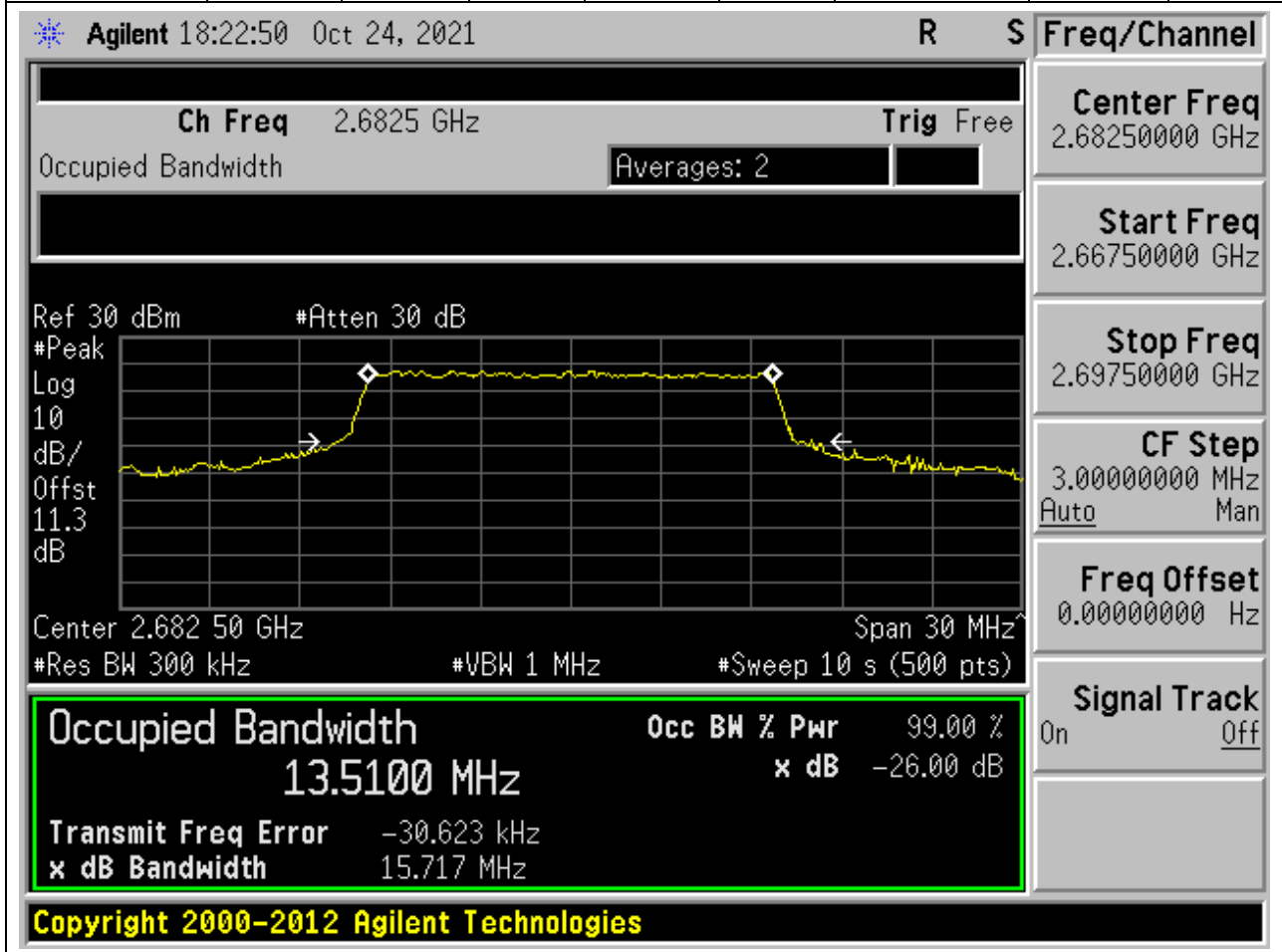
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4520 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-12.821 kHz	
<b>x dB Bandwidth</b>	15.457 MHz	

**Signal Track**  
On Off

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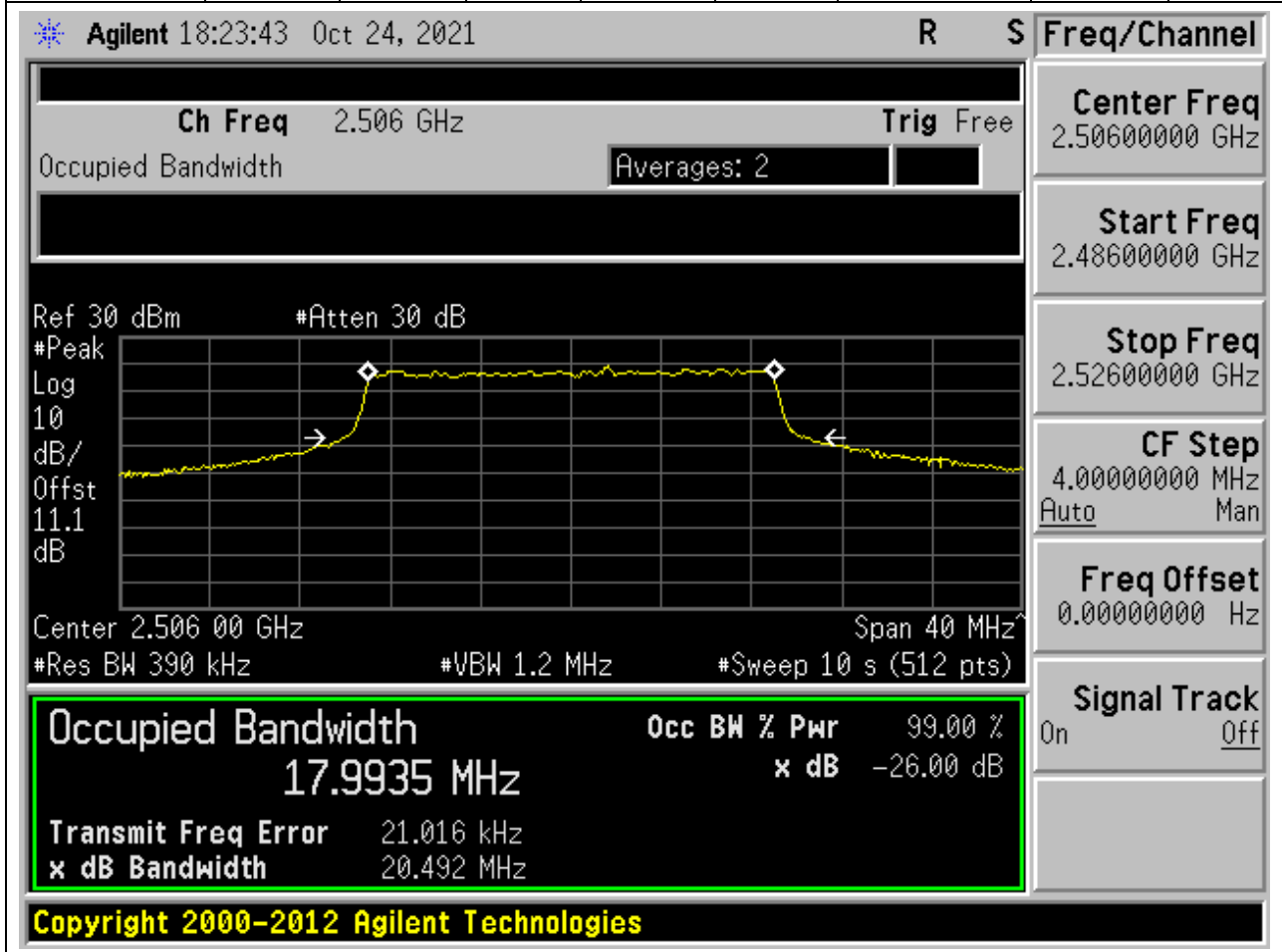
**18.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:41515, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.51	15.717	15	Pass



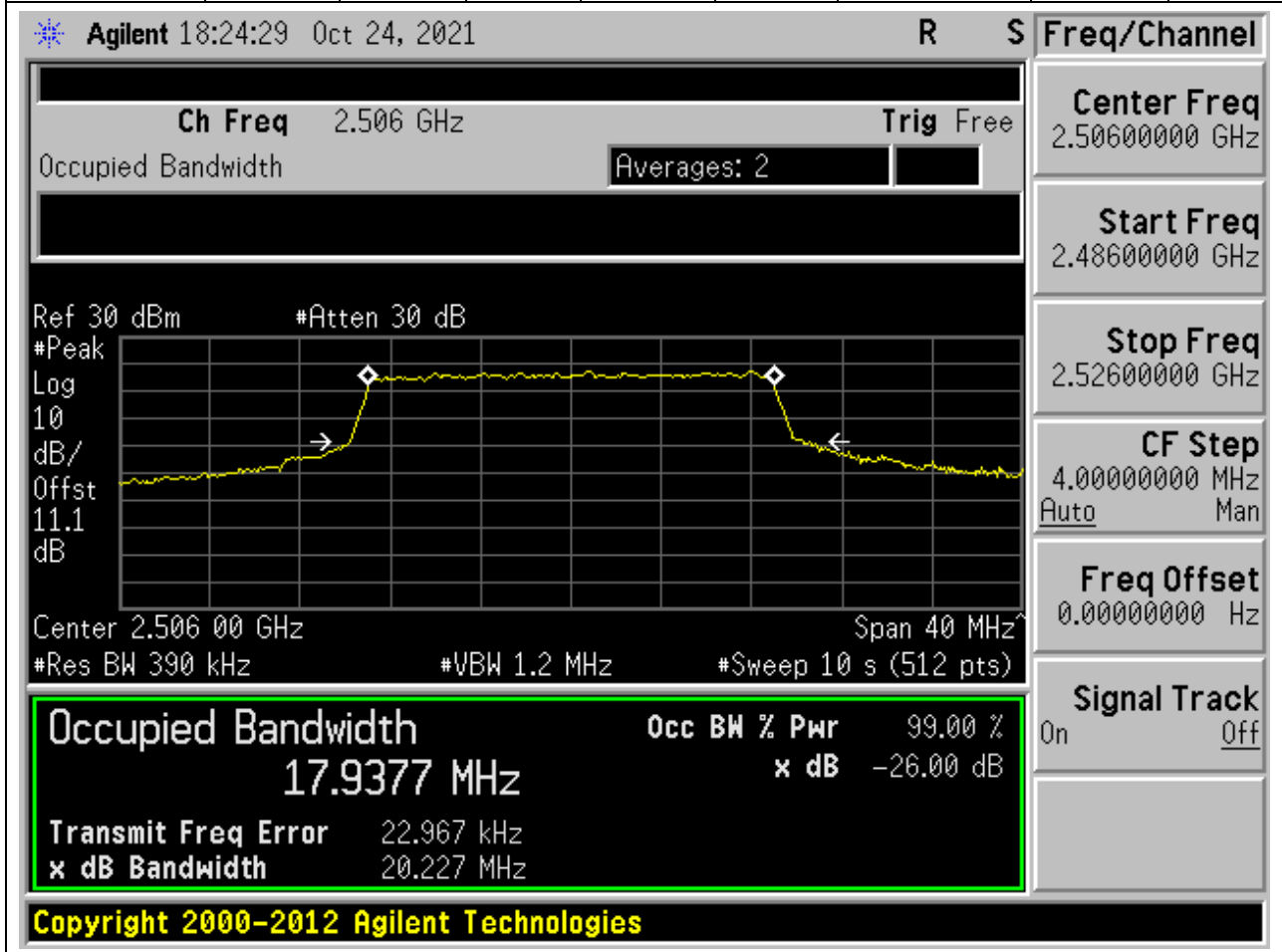
**18.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.994	20.492	20	Pass



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

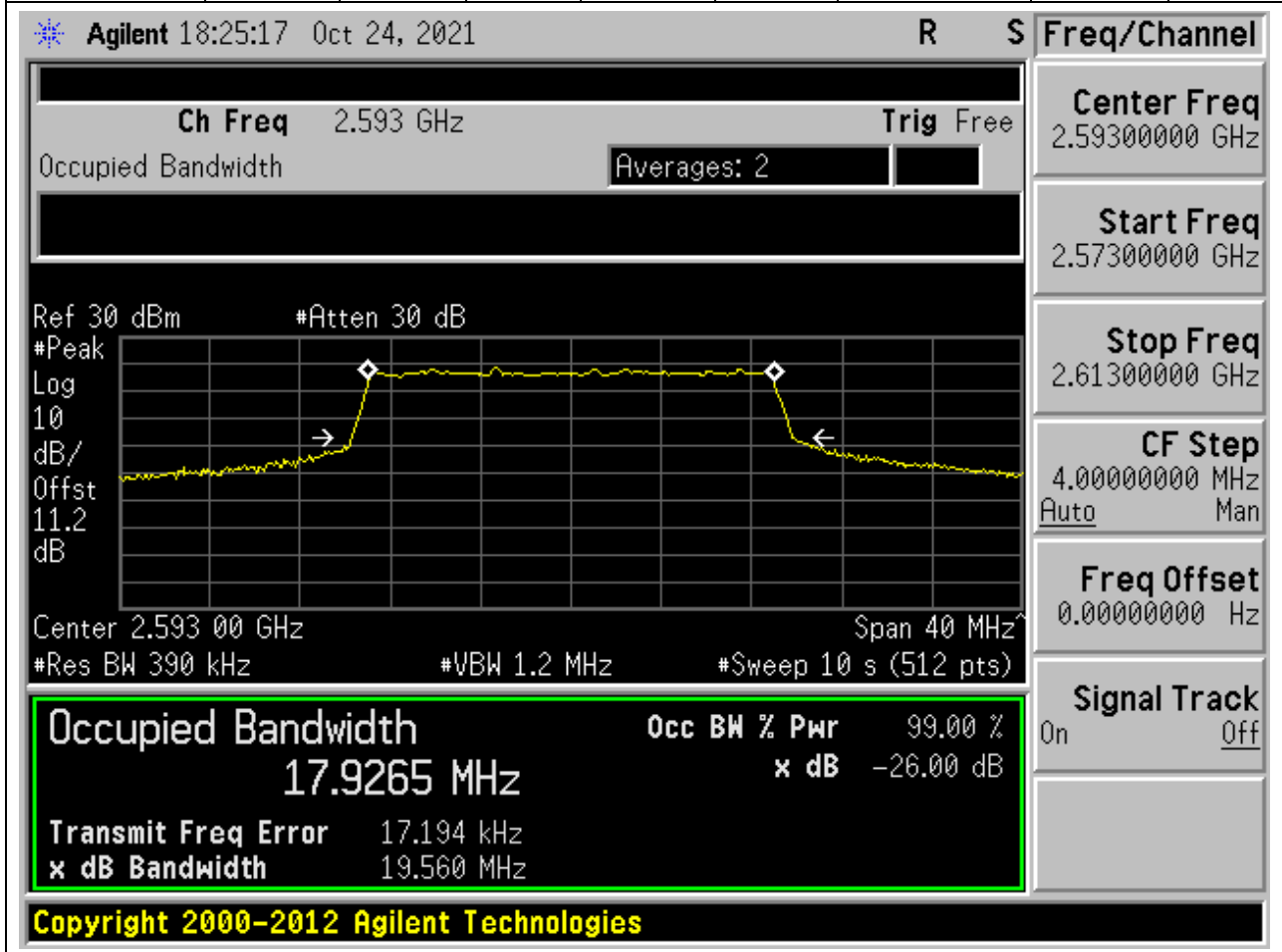
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.938	20.227	20	Pass





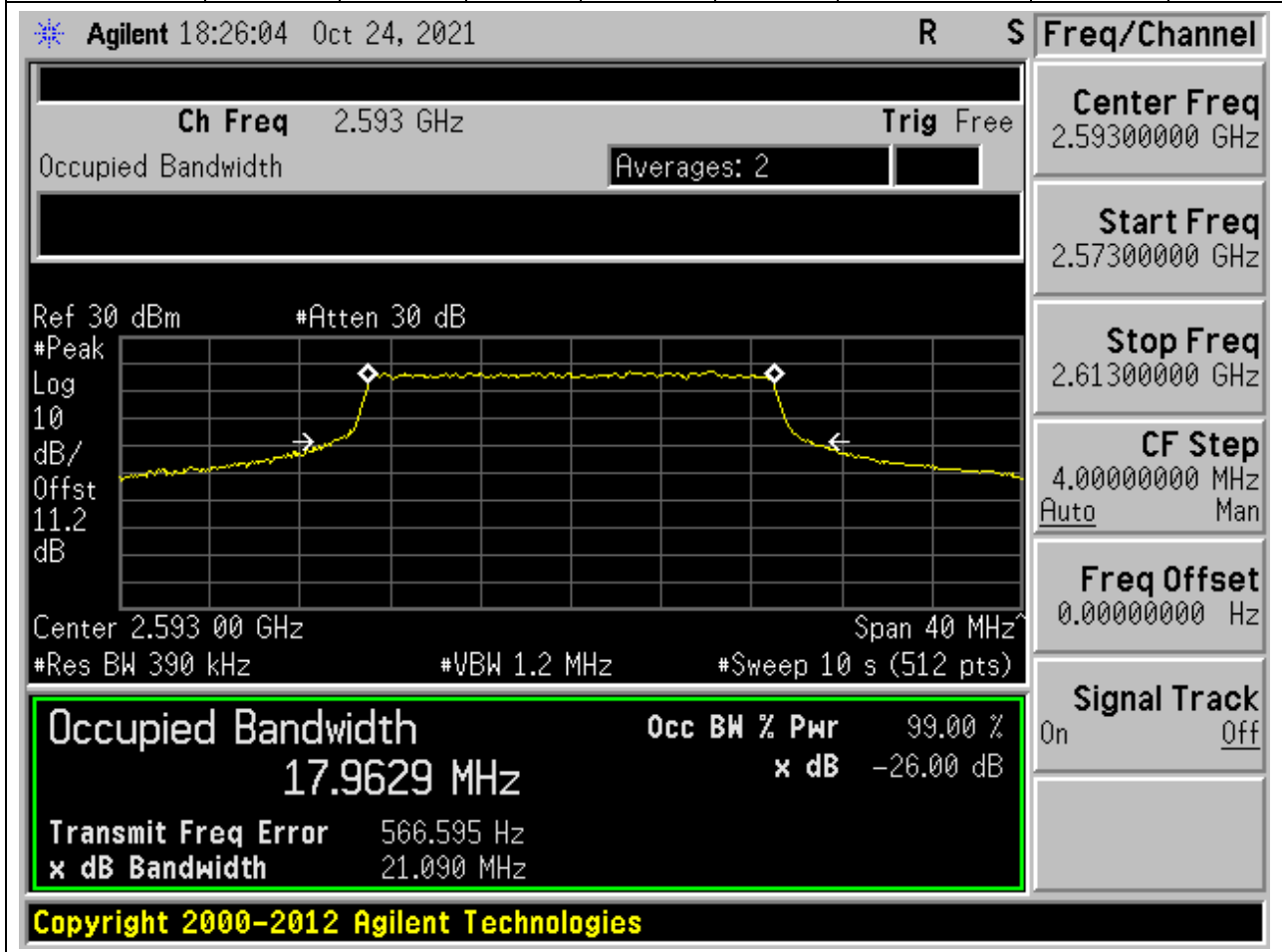
**18.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.927	19.56	20	Pass



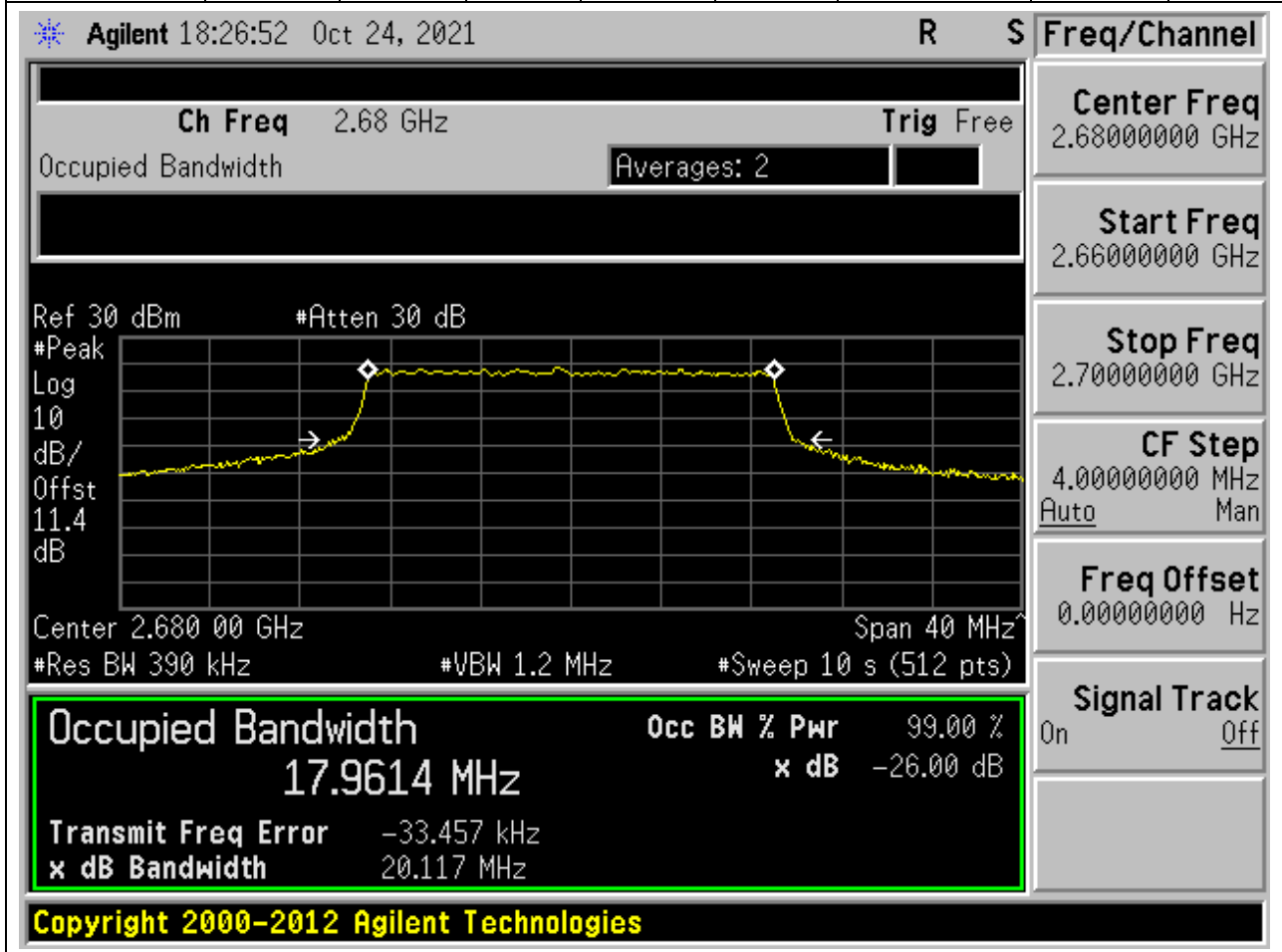
**18.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.963	21.09	20	Pass



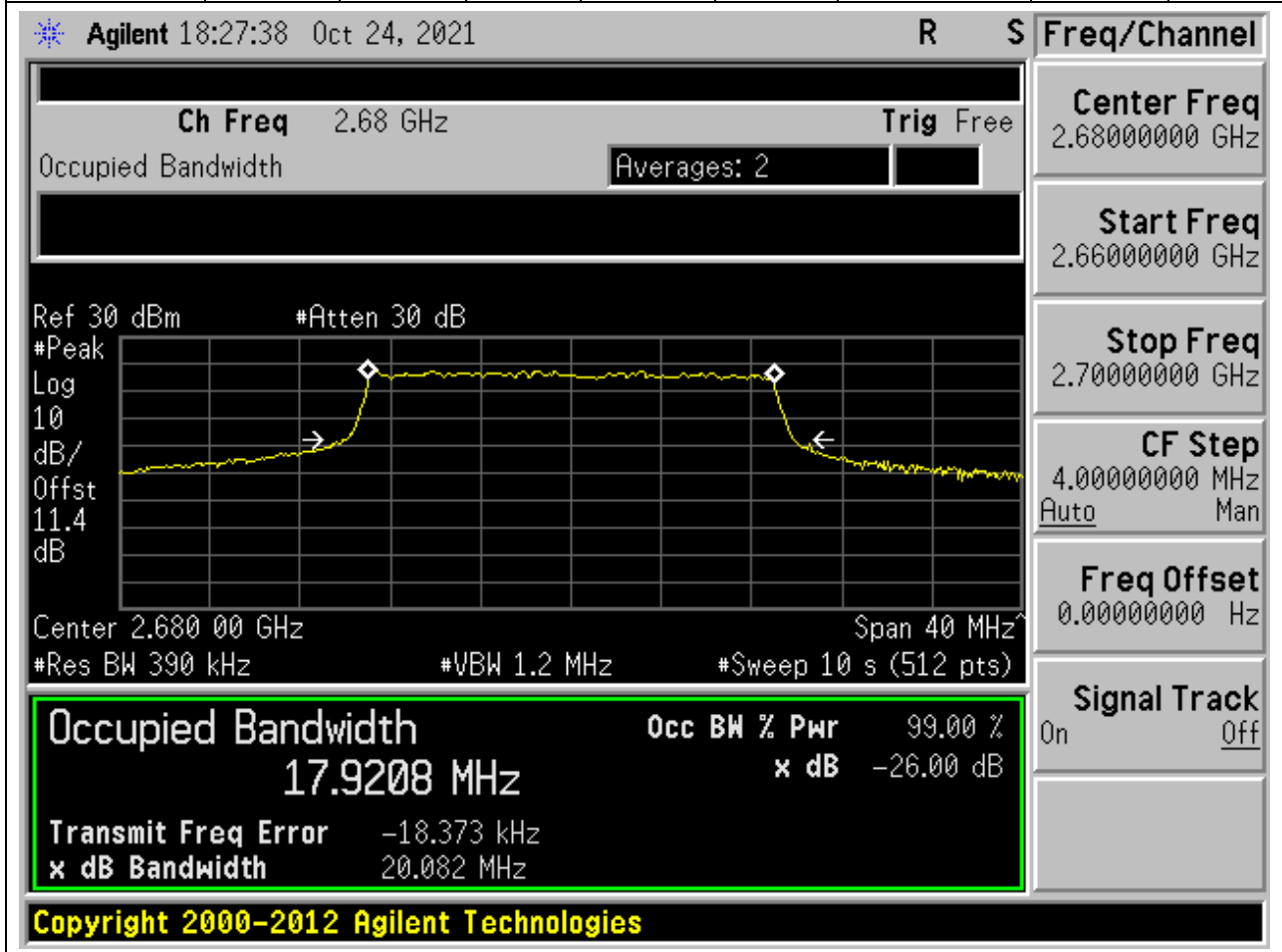
**18.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.961	20.117	20	Pass



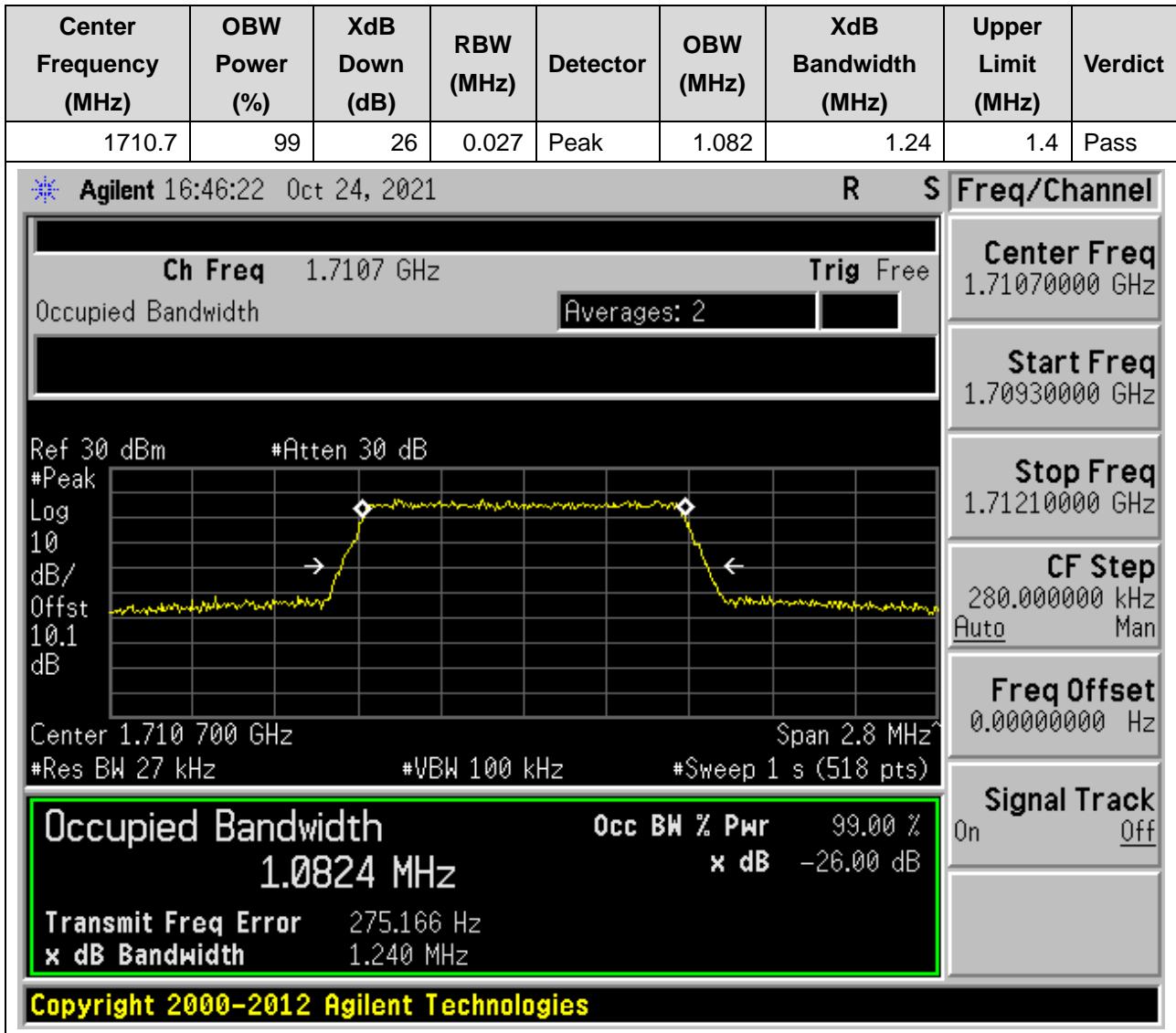
**18.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.921	20.082	20	Pass



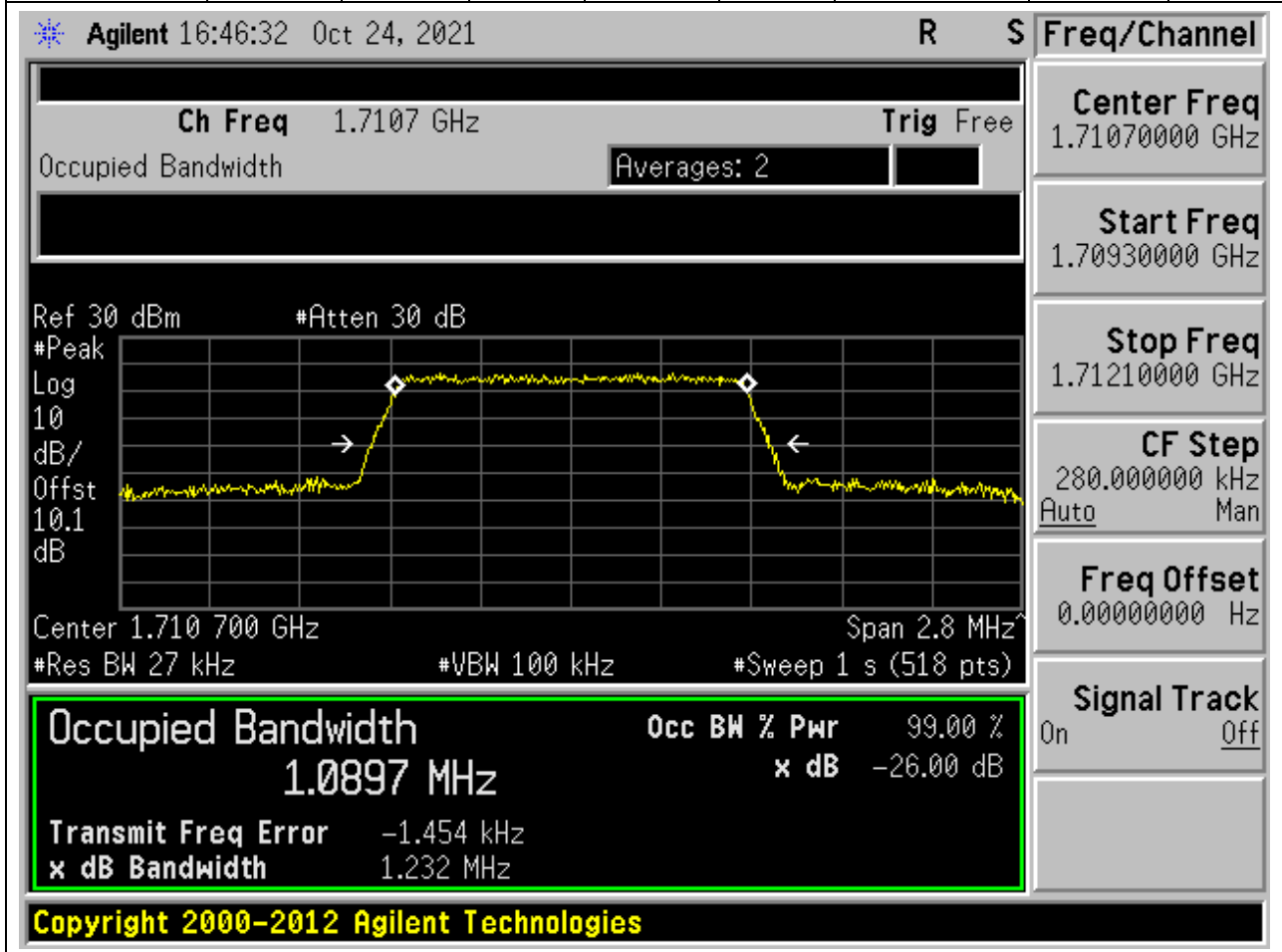
## 19. LTE\_Band66

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.09	1.232	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.086	1.236	1.4	Pass

Agilent 16:46:44 Oct 24, 2021 R S

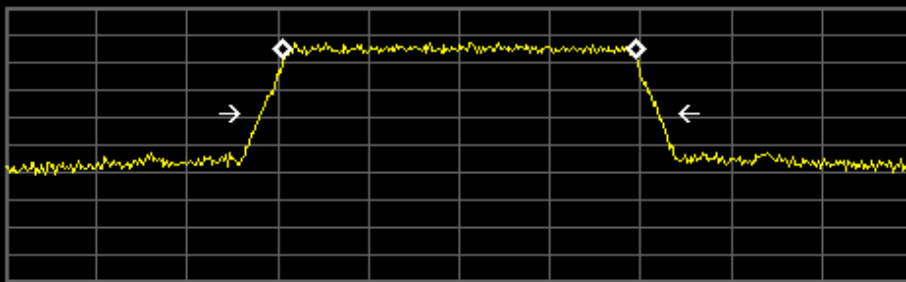
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**Ch Freq** 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB



Center 1.745 000 GHz Span 2.8 MHz

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

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<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0864 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	1.369 kHz	
<b>x dB Bandwidth</b>	1.236 MHz	

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**Freq/Channel**

**Center Freq** 1.74500000 GHz

**Start Freq** 1.74360000 GHz

**Stop Freq** 1.74640000 GHz

**CF Step** 280.000000 kHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

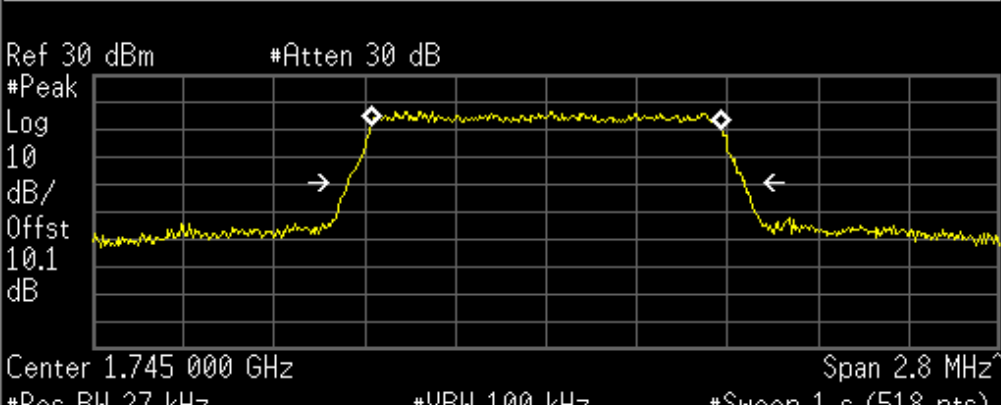
**19.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.081	1.227	1.4	Pass

Agilent 16:46:54 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.745 000 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>1.0808 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-302.091 Hz	
<b>x dB Bandwidth</b>	1.227 MHz	

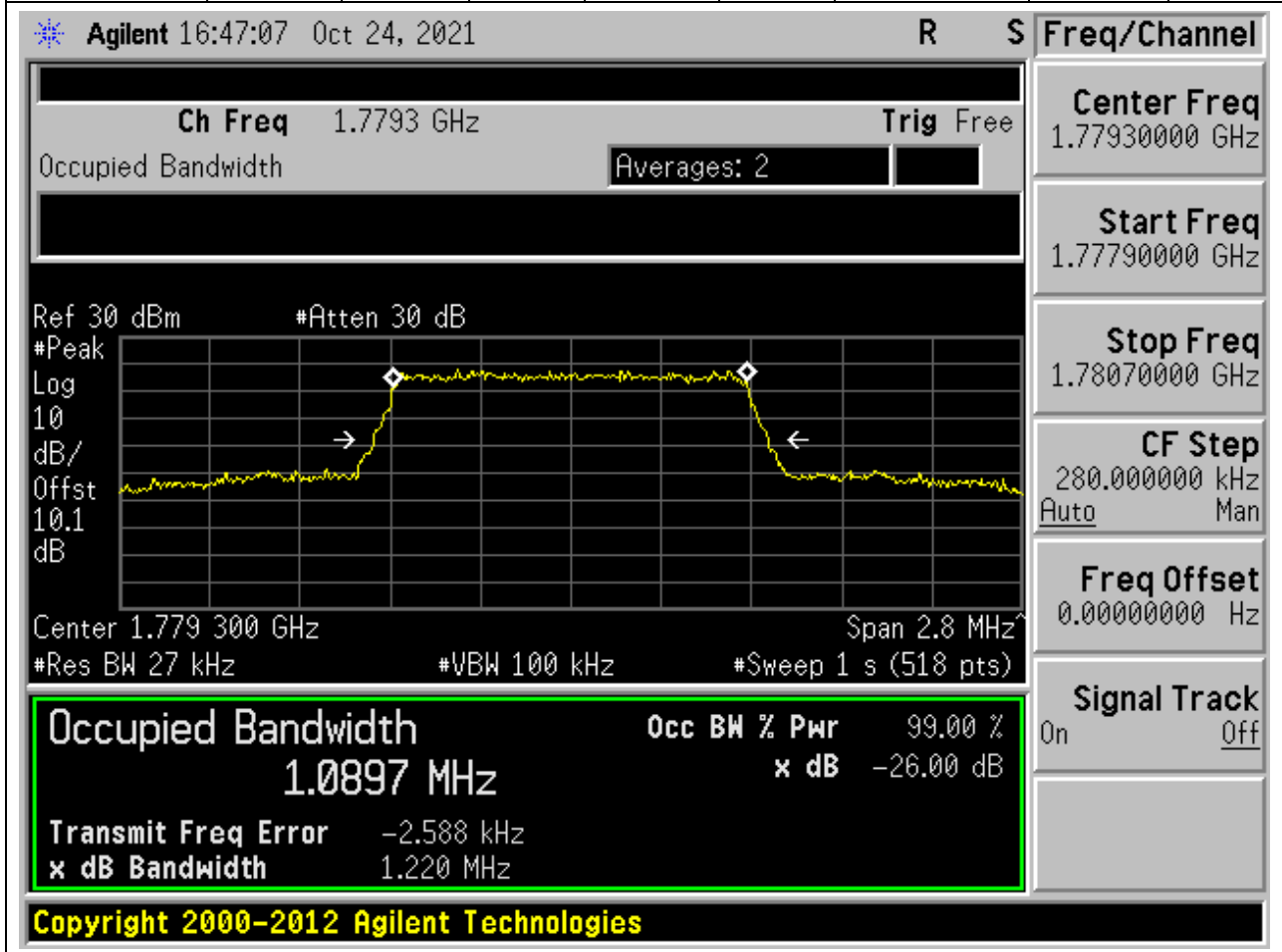
**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.09	1.22	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.086	1.218	1.4	Pass

Agilent 16:47:17 Oct 24, 2021 R S

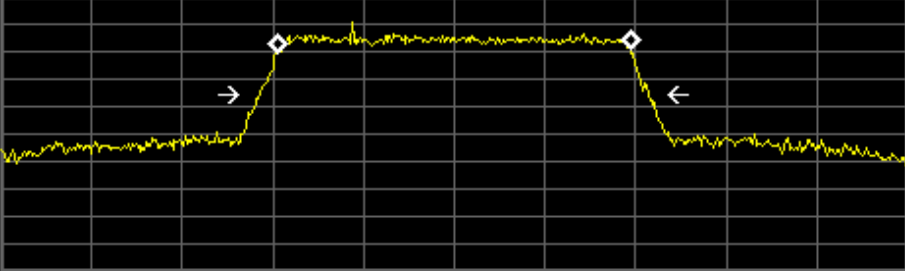
---

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

Occupied Bandwidth Averages: 2

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Ref 30 dBm #Atten 30 dB



Center 1.779 300 GHz Span 2.8 MHz

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

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<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0864 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.608 kHz	
<b>x dB Bandwidth</b>	1.218 MHz	

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**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

**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	2.695	3.005	3	Pass

Agilent 16:47:33 Oct 24, 2021 R S

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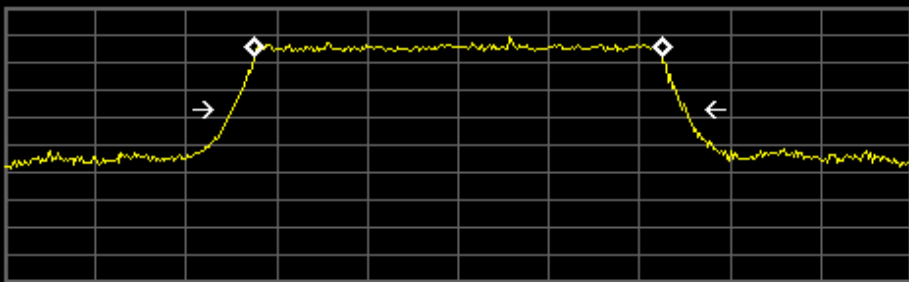
**Ch Freq** 1.7115 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB



Center 1.711 500 GHz Span 6 MHz

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

**Center Freq**  
1.71150000 GHz

**Start Freq**  
1.70850000 GHz

**Stop Freq**  
1.71450000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**2.6949 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.084 kHz

**x dB Bandwidth** 3.005 MHz

---

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.698	3.01	3	Pass

Agilent 16:47:43 Oct 24, 2021 R S

---

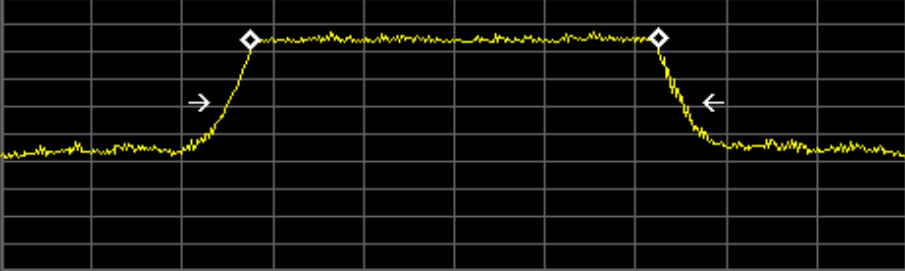
**Ch Freq** 1.7115 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB



Center 1.711 500 GHz Span 6 MHz

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

**Freq/Channel**

**Center Freq**  
1.71150000 GHz

**Start Freq**  
1.70850000 GHz

**Stop Freq**  
1.71450000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

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

**2.6975 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 467.617 Hz

**x dB Bandwidth** 3.010 MHz

---

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

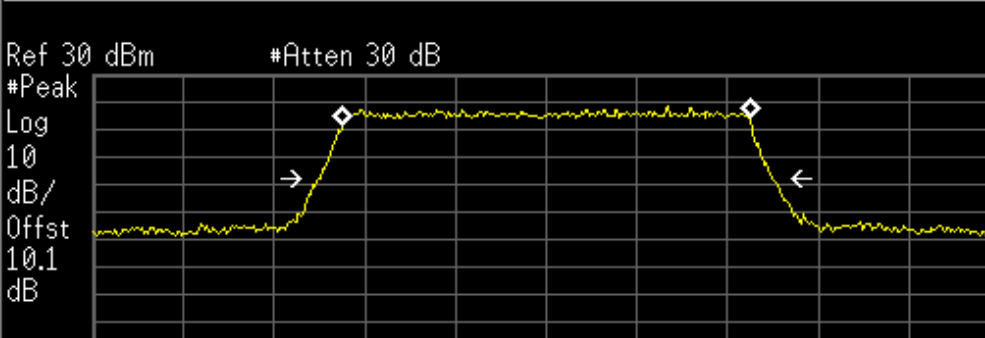
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.704	2.988	3	Pass

Agilent 16:47:55 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 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 %

**2.7038 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -589.188 Hz

**x dB Bandwidth** 2.988 MHz

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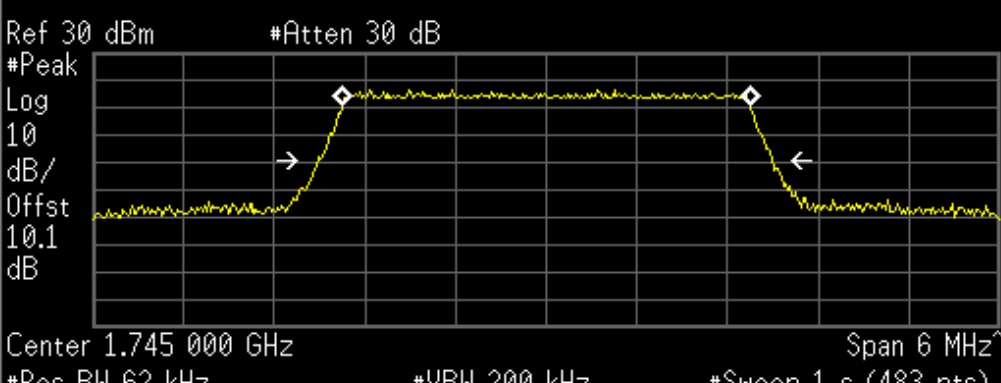
**19.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.697	3.008	3	Pass

Agilent 16:48:06 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.745 000 GHz Span 6 MHz

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

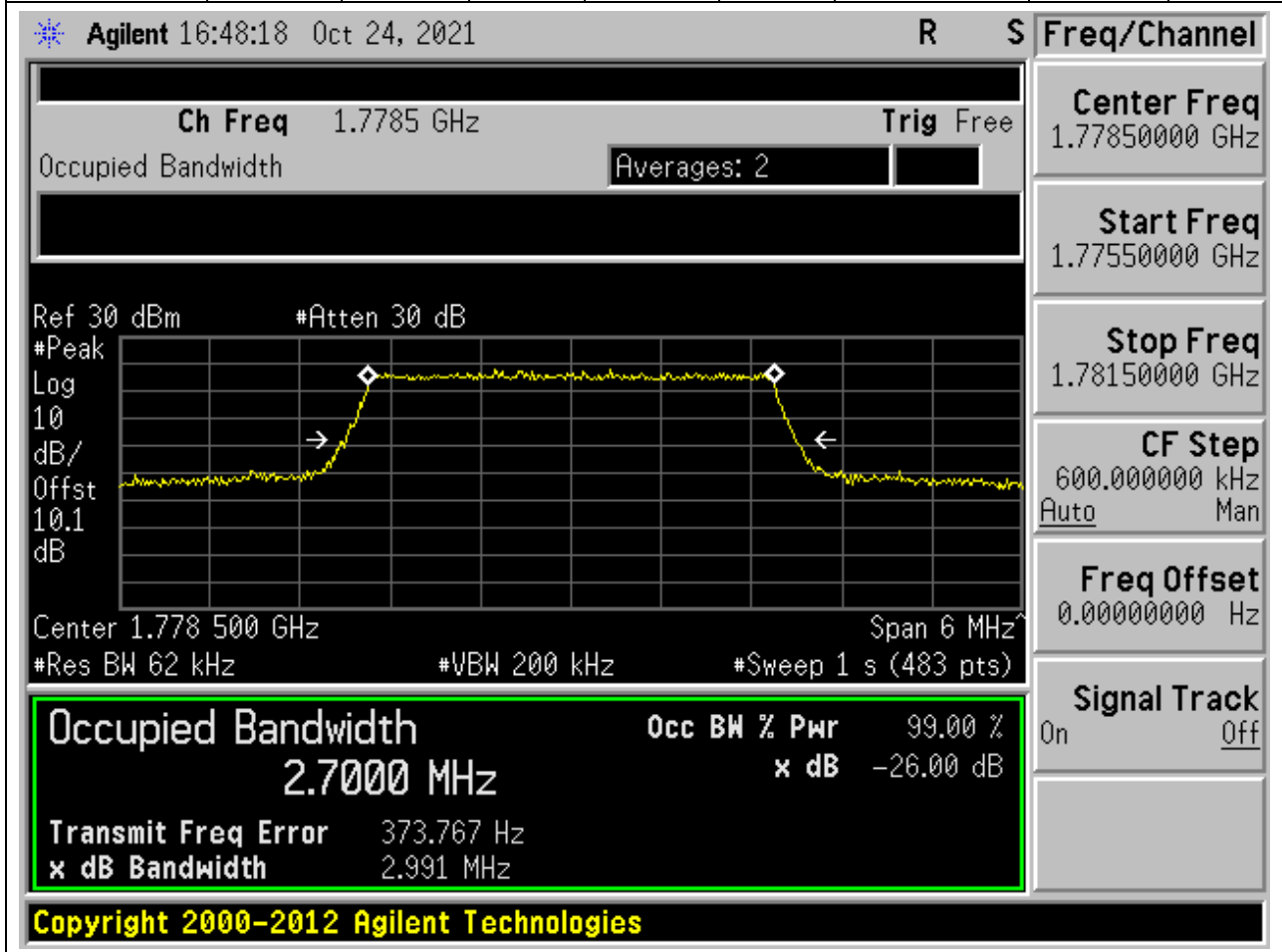
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6973 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-2.962 kHz	
<b>x dB Bandwidth</b>	3.008 MHz	

**Signal Track**  
On Off

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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	2.7	2.991	3	Pass



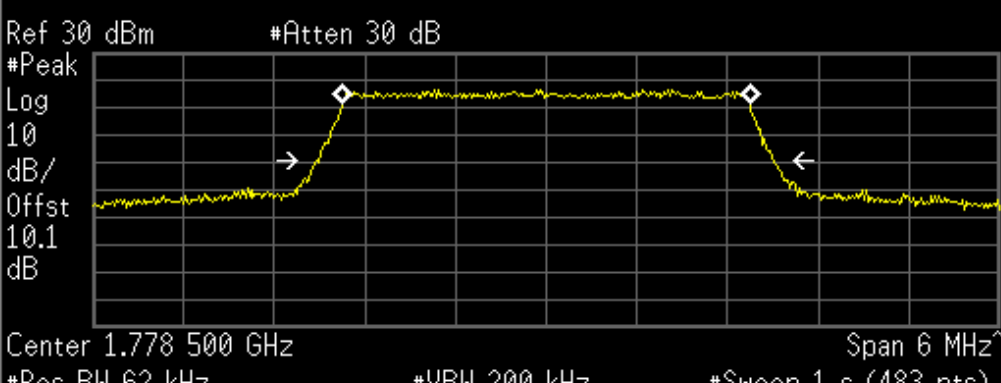
**19.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.697	3.022	3	Pass

Agilent 16:48:28 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 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>2.6974 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.464 kHz	
<b>x dB Bandwidth</b>	3.022 MHz	

**Signal Track**  
On Off

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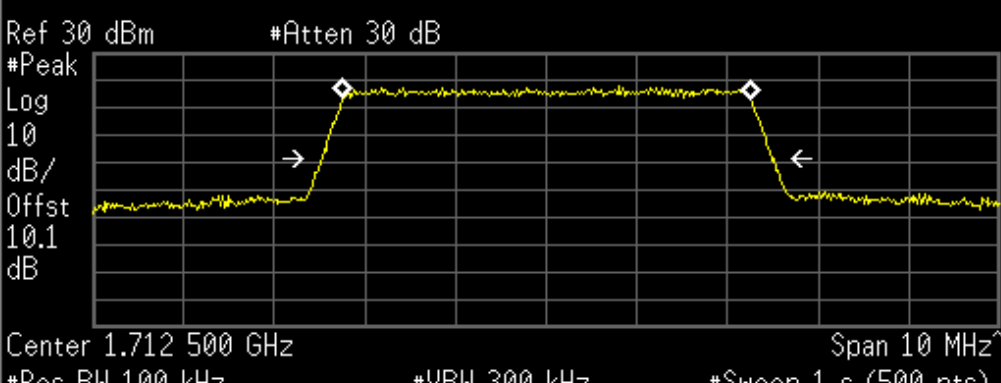
**19.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.512	4.964	5	Pass

Agilent 16:48:44 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.712 500 GHz Span 10 MHz

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

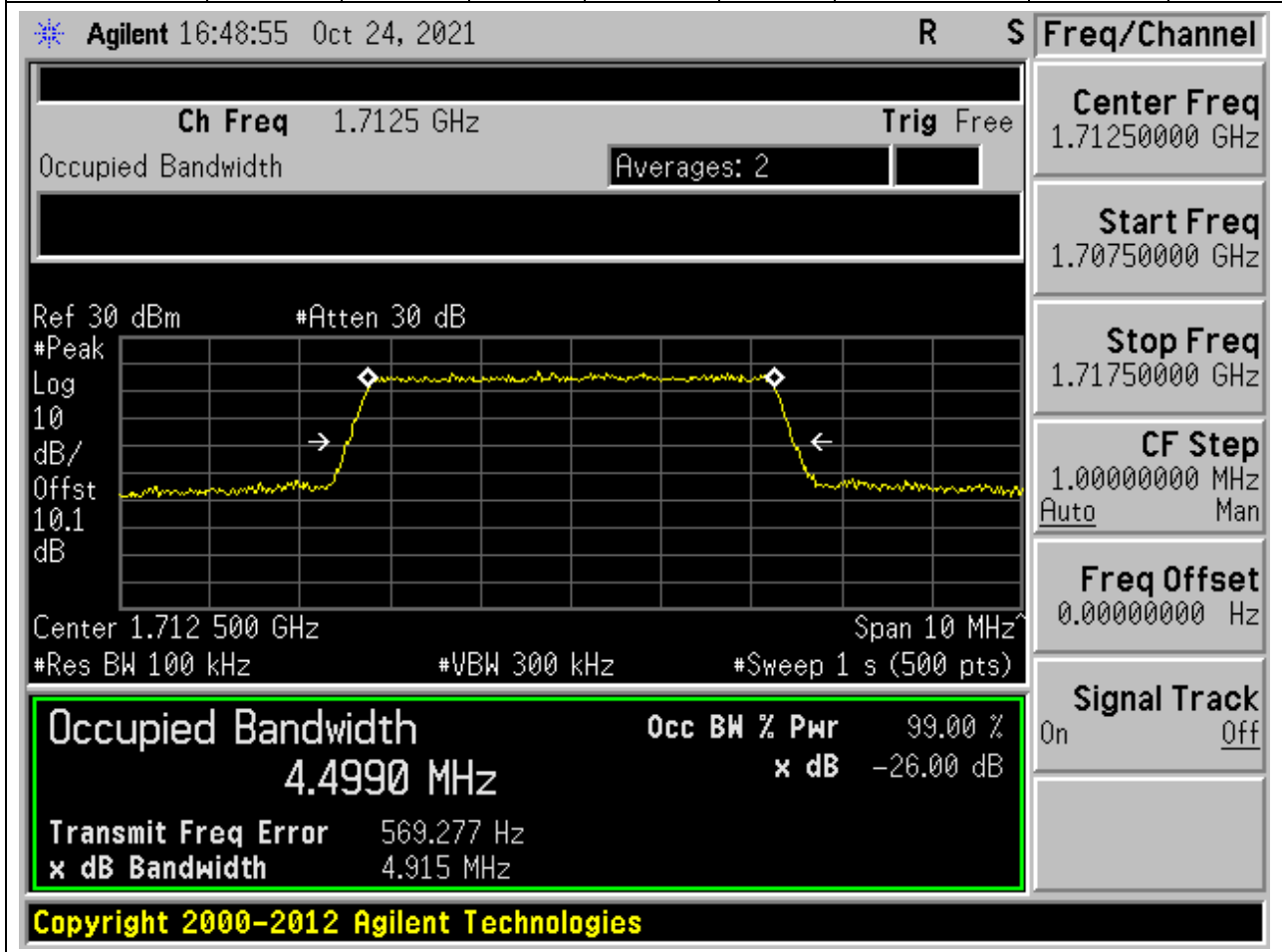
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5122 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	5.312 kHz	
<b>x dB Bandwidth</b>	4.964 MHz	

**Signal Track**  
On Off

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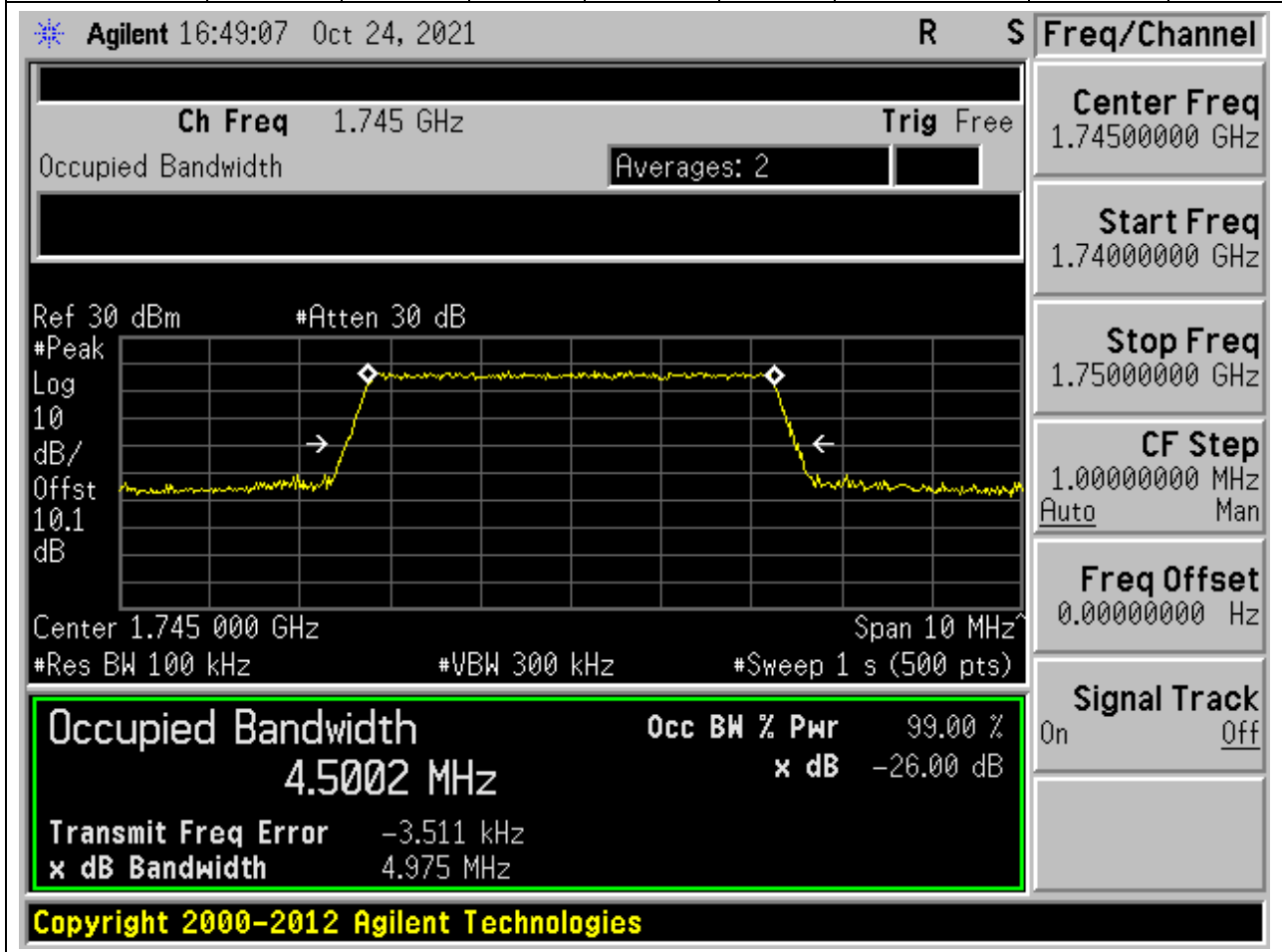
**19.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.499	4.915	5	Pass



**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	4.5	4.975	5	Pass



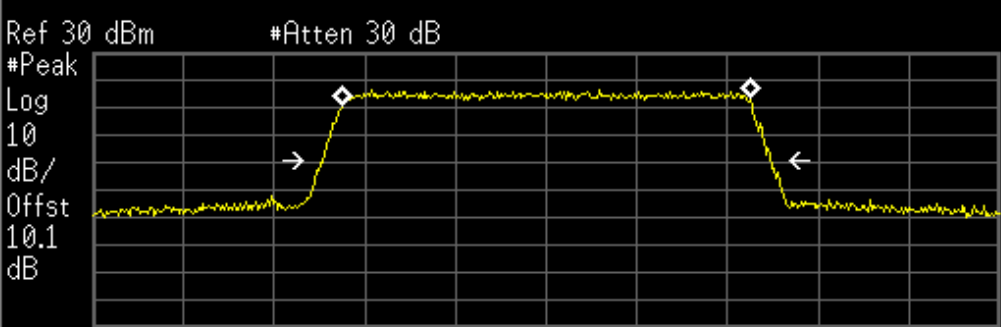
**19.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.508	4.958	5	Pass

Agilent 16:49:17 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Center 1.745 000 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 %
4.5081 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-1.773 kHz	
<b>x dB Bandwidth</b>	4.958 MHz	

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**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.74000000 GHz

**Stop Freq**  
1.75000000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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	4.498	4.967	5	Pass

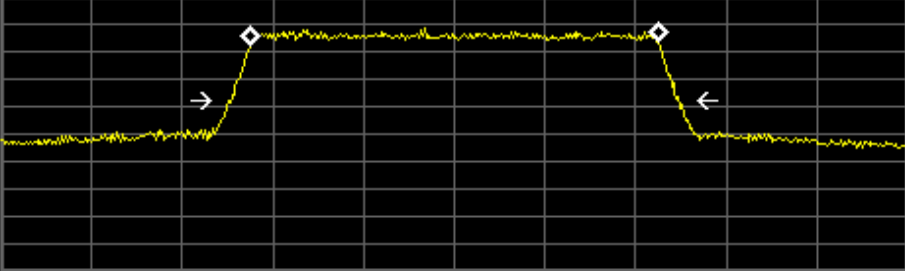
Agilent 16:49:29 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB



Center 1.777 500 GHz Span 10 MHz

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

**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

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

4.4984 MHz **x dB** -26.00 dB

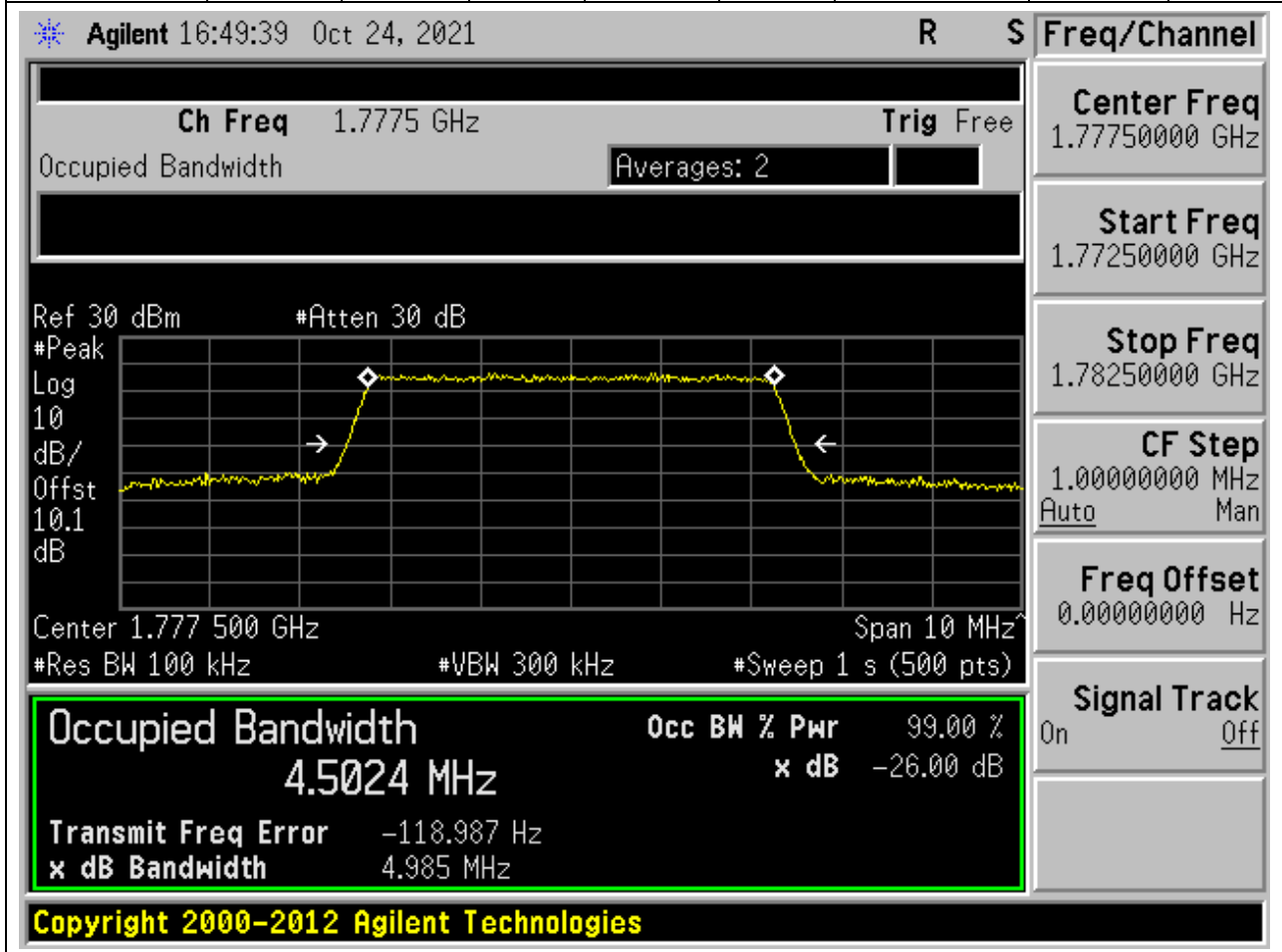
**Transmit Freq Error** 750.344 Hz

**x dB Bandwidth** 4.967 MHz

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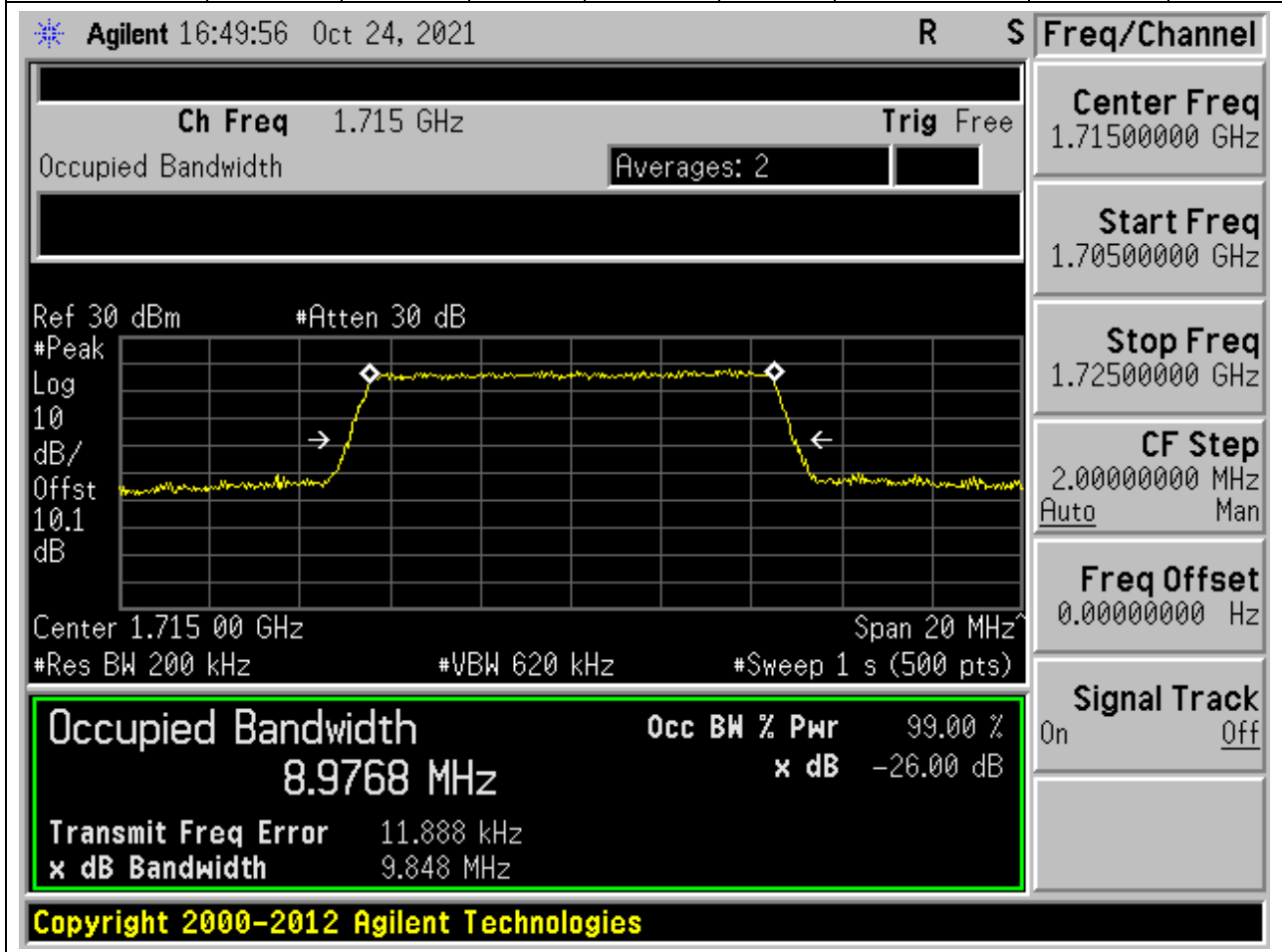
**19.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.502	4.985	5	Pass



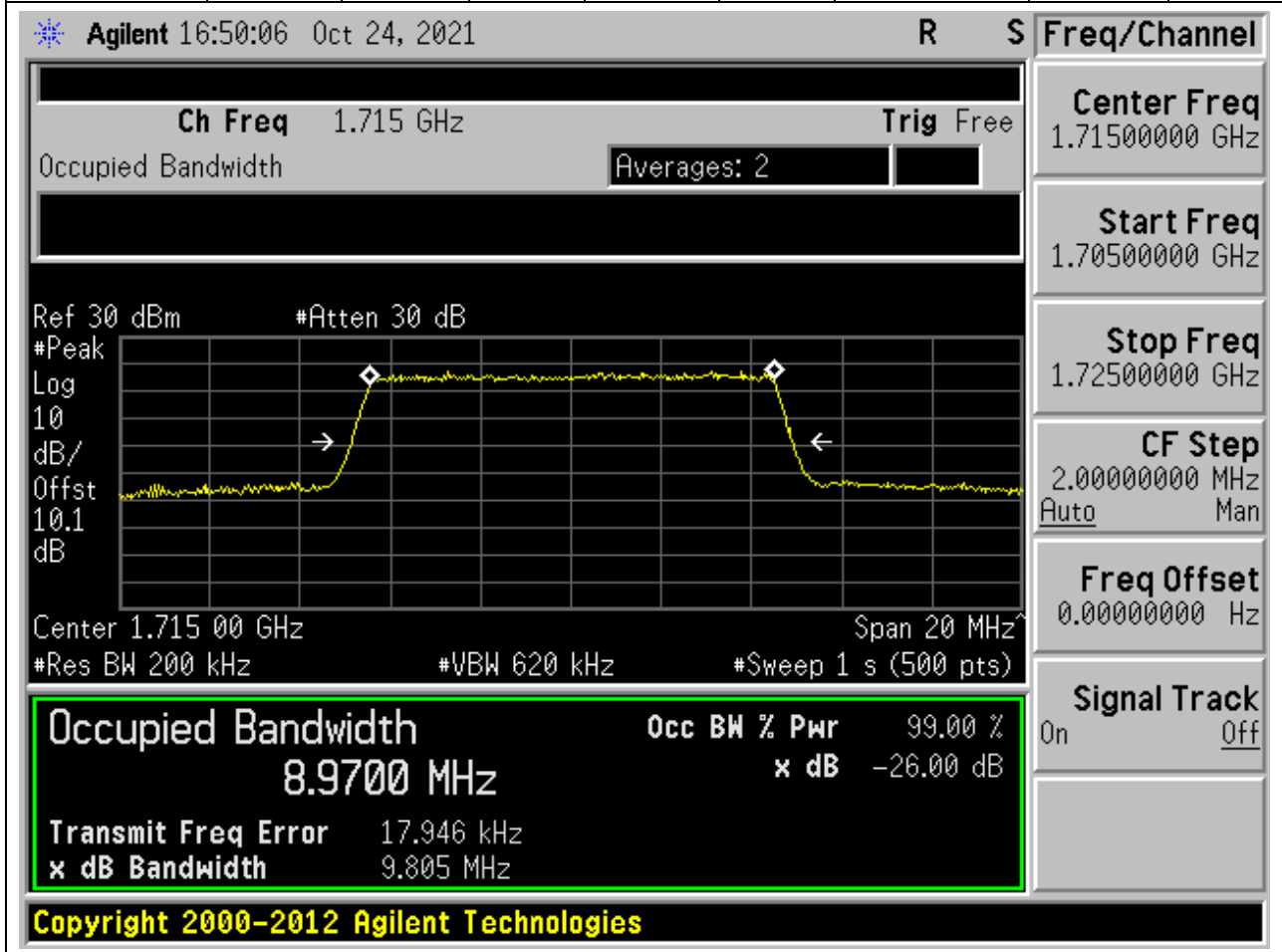
19.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.977	9.848	10	Pass



**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	8.97	9.805	10	Pass





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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.2	Peak	8.974	9.866	10	Pass

Agilent 16:50:18 Oct 24, 2021 R S

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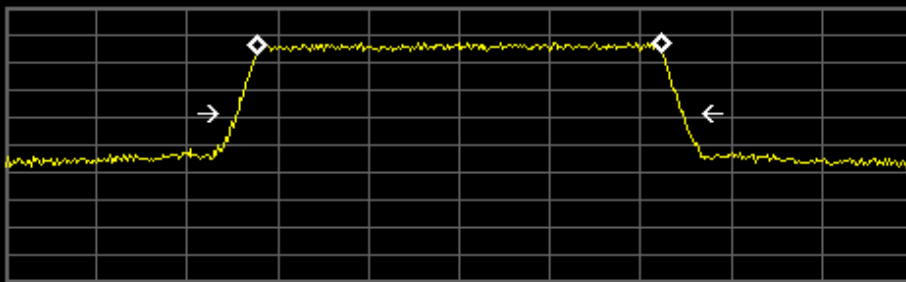
**Ch Freq** 1.745 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB



Center 1.745 00 GHz Span 20 MHz

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

**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 %

**8.9738 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.403 kHz

**x dB Bandwidth** 9.866 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	8.961	9.817	10	Pass

Agilent 16:50:28 Oct 24, 2021 R S

---

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

Occupied Bandwidth Averages: 2

**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.73500000 GHz

**Stop Freq**  
1.75500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

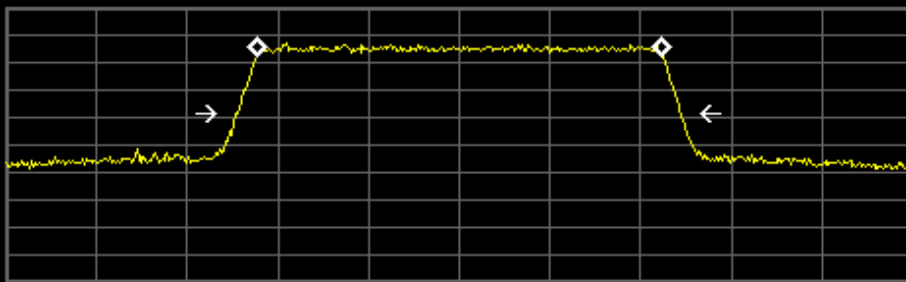
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB



Center 1.745 00 GHz Span 20 MHz

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

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

**8.9608 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 3.441 kHz

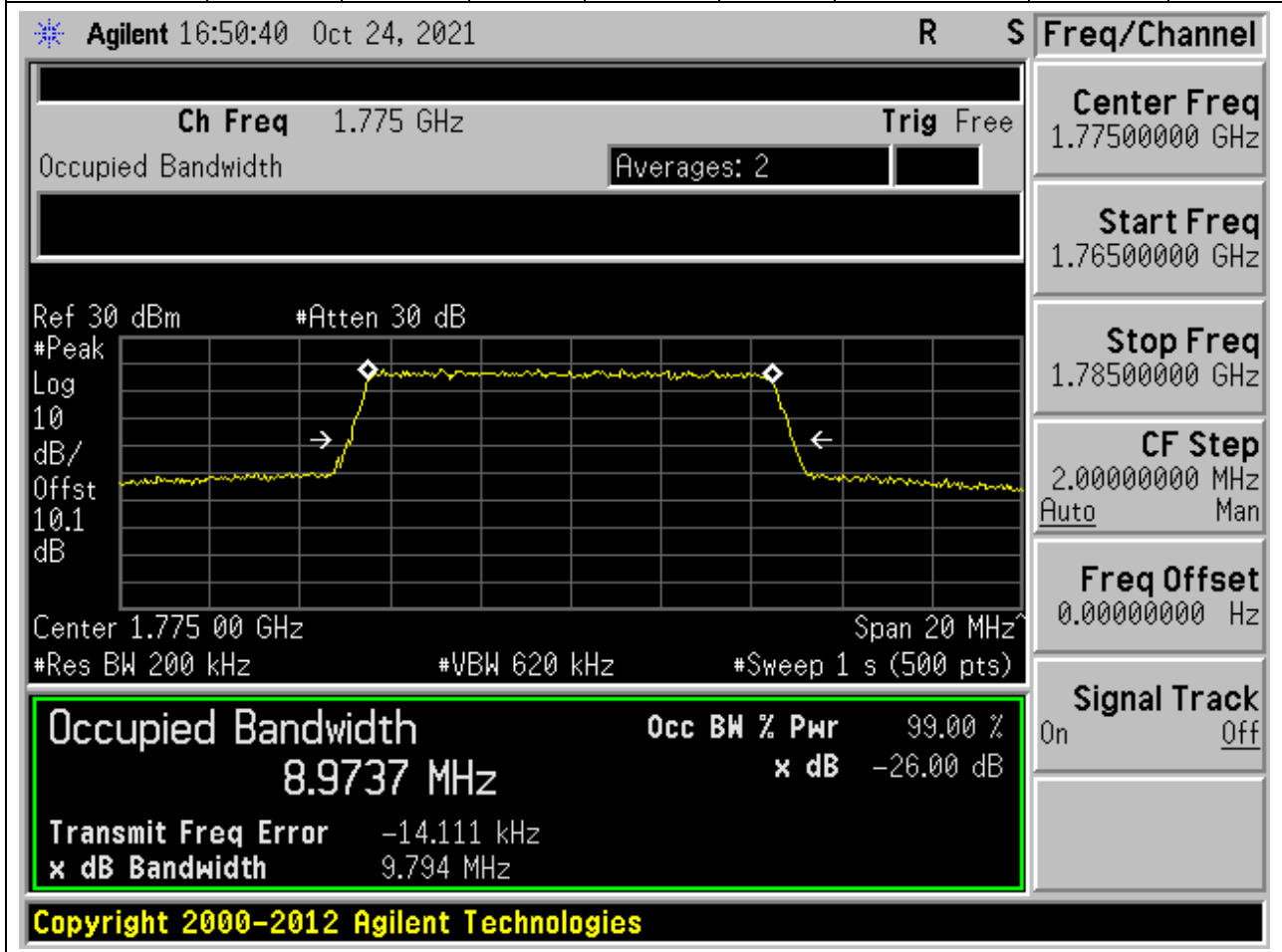
**x dB Bandwidth** 9.817 MHz

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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	8.974	9.794	10	Pass



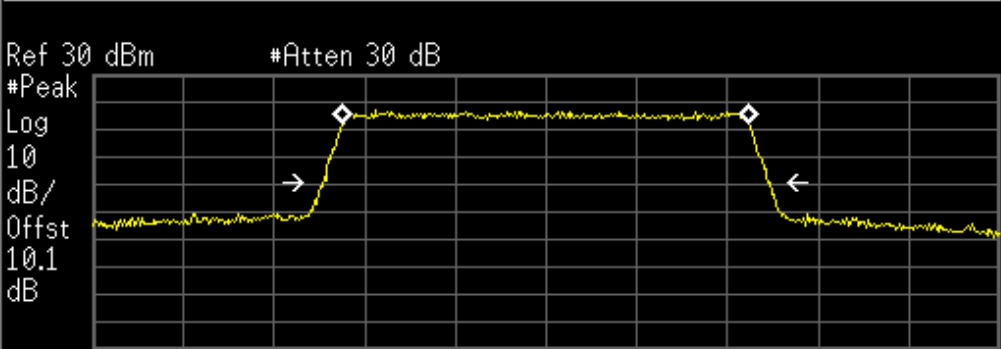
**19.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.965	9.856	10	Pass

Agilent 16:50:50 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.775 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>8.9651 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-14.465 kHz	
<b>x dB Bandwidth</b>	9.856 MHz	

**Signal Track**  
On Off

**Freq/Channel**

**Center Freq**  
1.77500000 GHz

**Start Freq**  
1.76500000 GHz

**Stop Freq**  
1.78500000 GHz

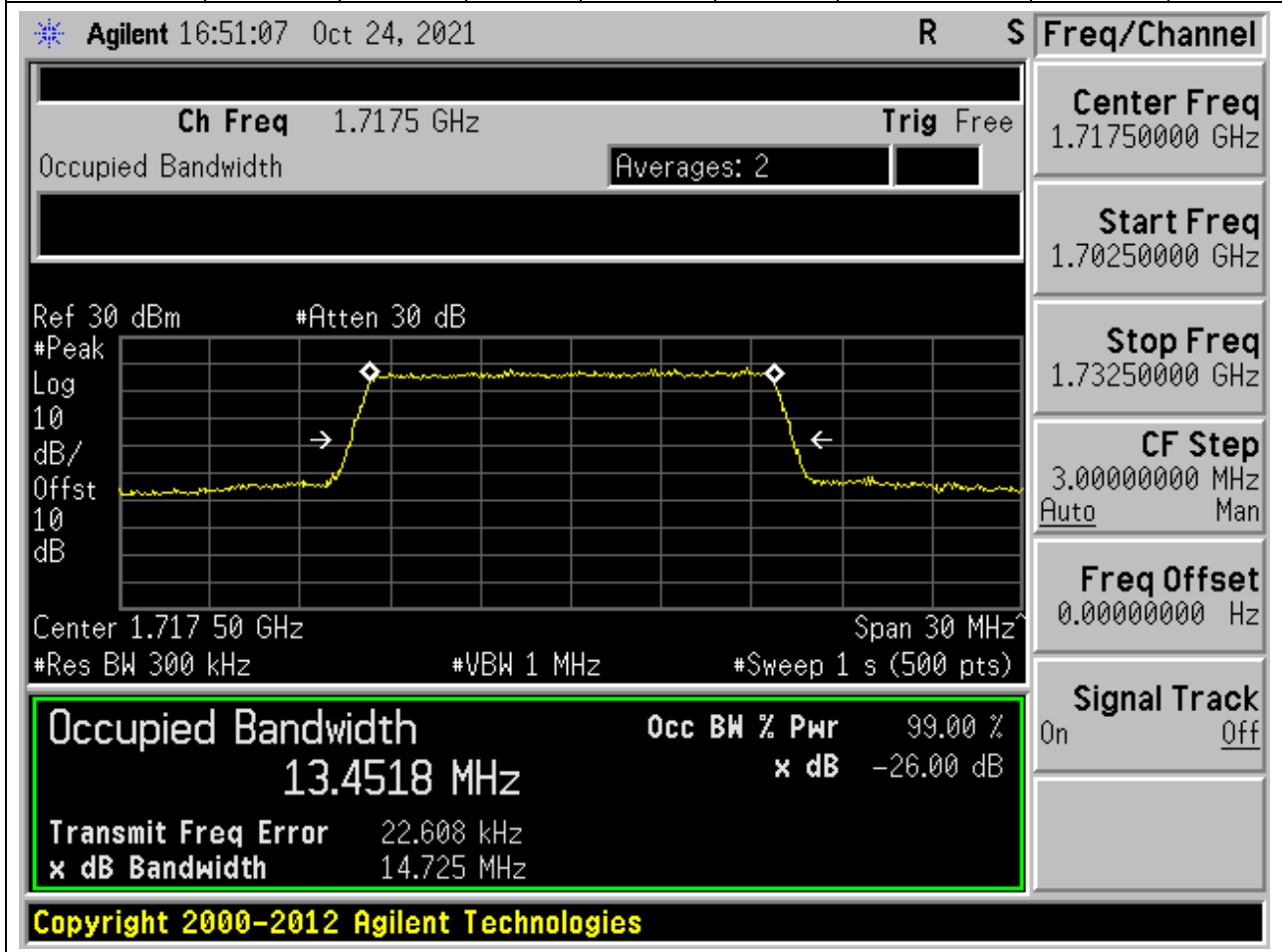
**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

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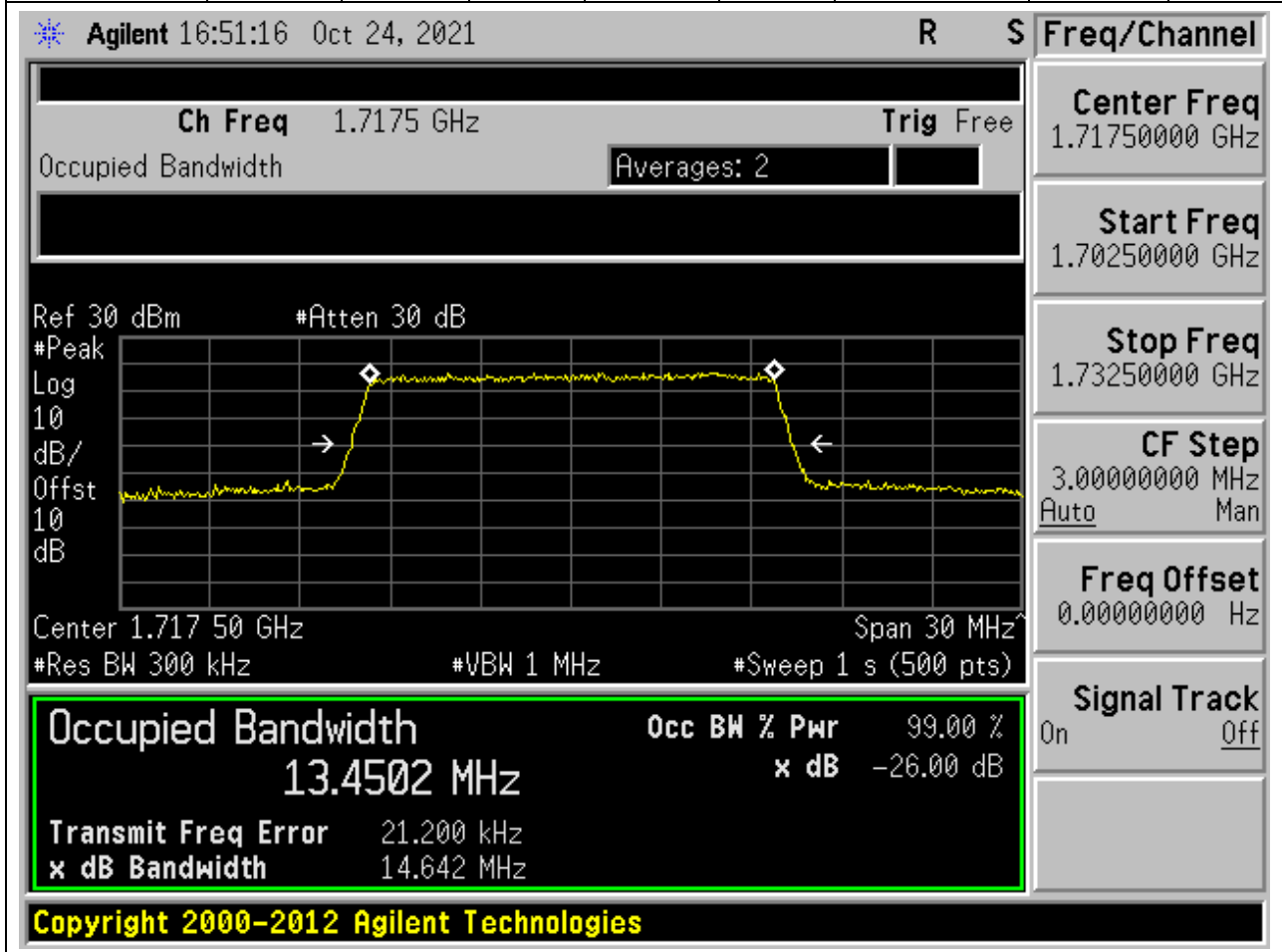
**19.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.452	14.725	15	Pass



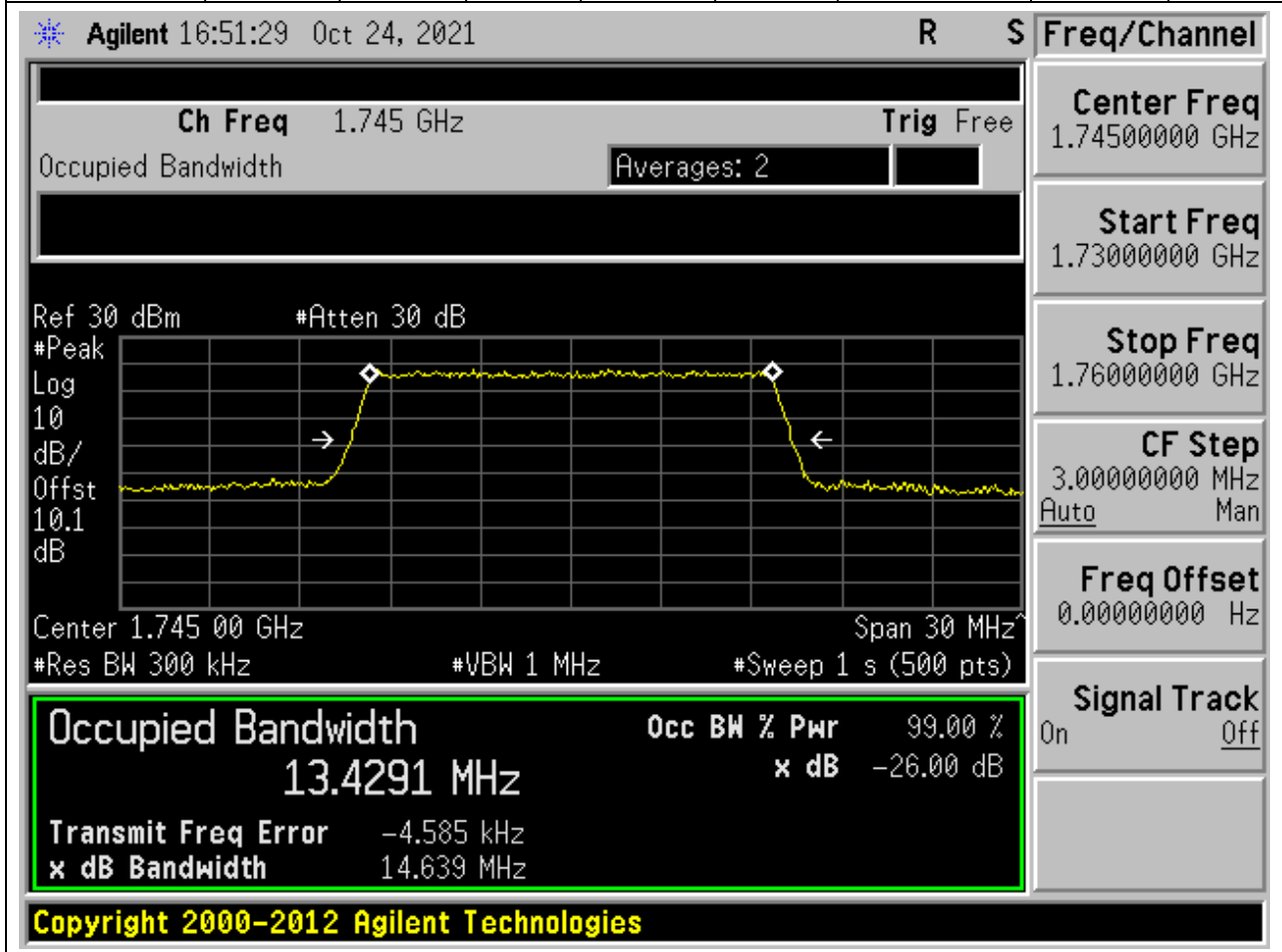
**19.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.45	14.642	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	13.429	14.639	15	Pass



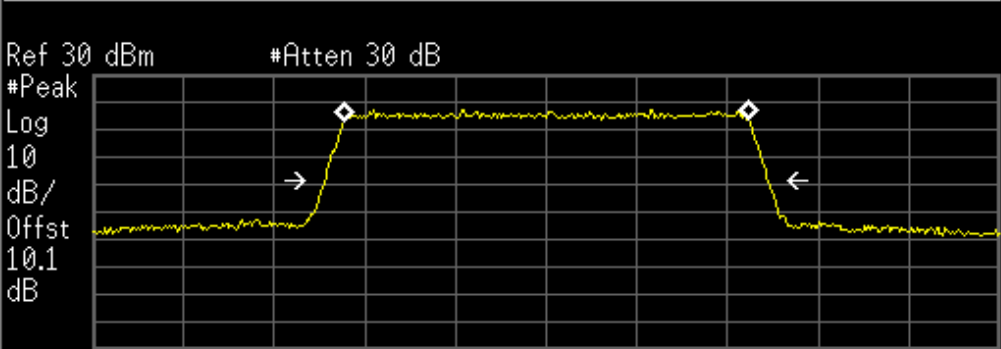
**19.28 LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.443	14.706	15	Pass

Agilent 16:51:39 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2



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 %
<b>13.4429 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-993.720 Hz	
<b>x dB Bandwidth</b>	14.706 MHz	

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.421	14.731	15	Pass

Agilent 16:51:51 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

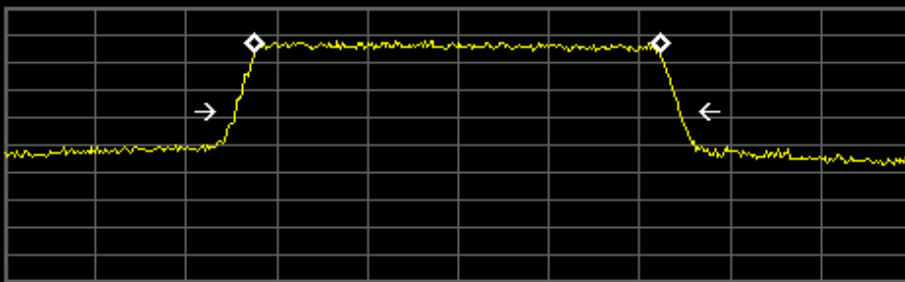
10

dB/

Offst

10.1

dB



Center 1.772 50 GHz Span 30 MHz

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

**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

---

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

**13.4211 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -29.084 kHz

**x dB Bandwidth** 14.731 MHz

---

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.46	14.771	15	Pass

Agilent 16:52:01 Oct 24, 2021 R S

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

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

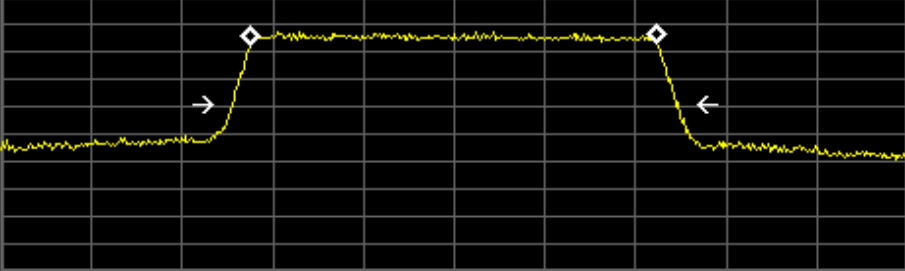
10

dB/

Offst

10.1

dB



Center 1.772 50 GHz Span 30 MHz

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

**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

---

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

**13.4601 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -12.583 kHz

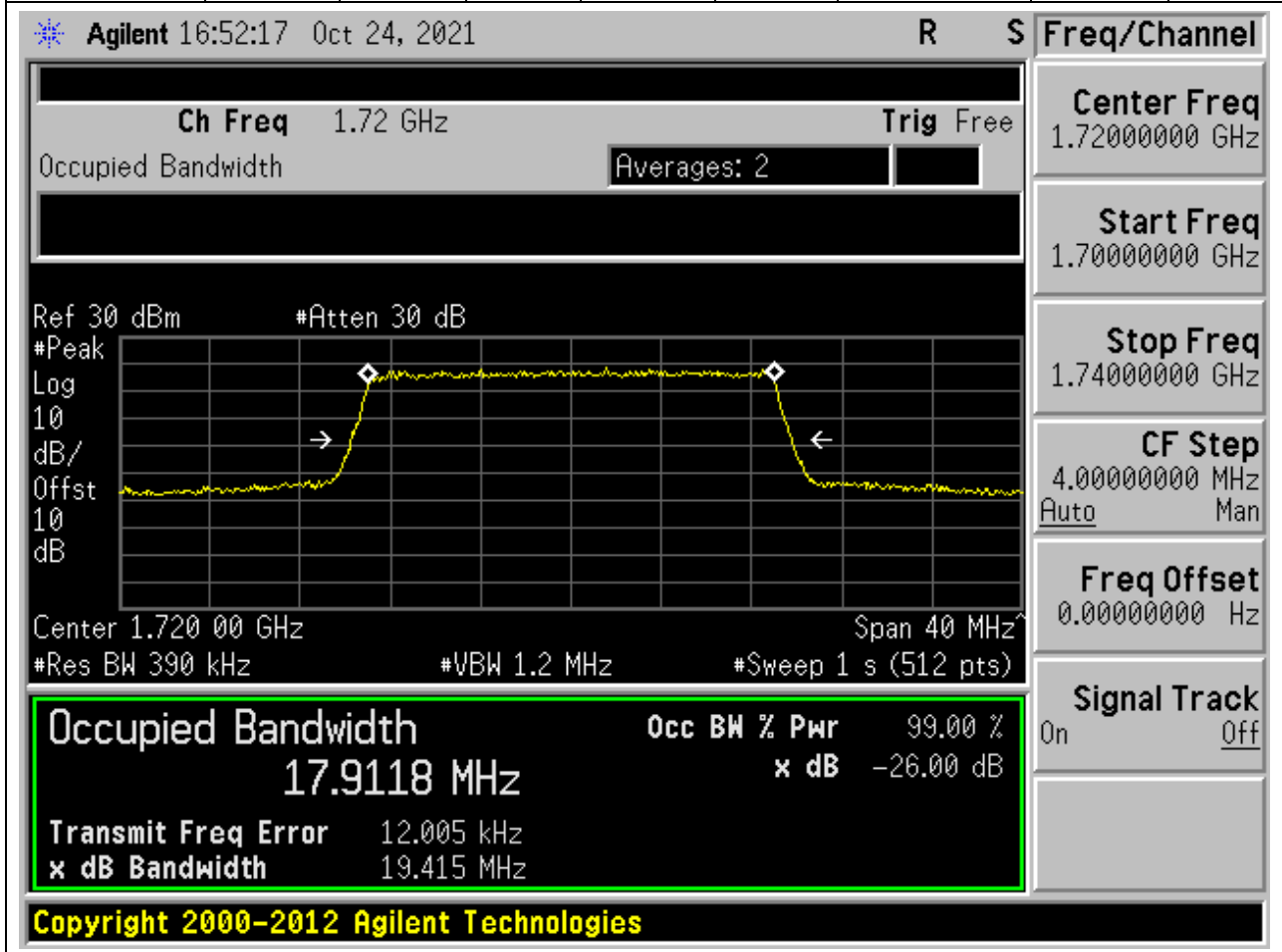
**x dB Bandwidth** 14.771 MHz

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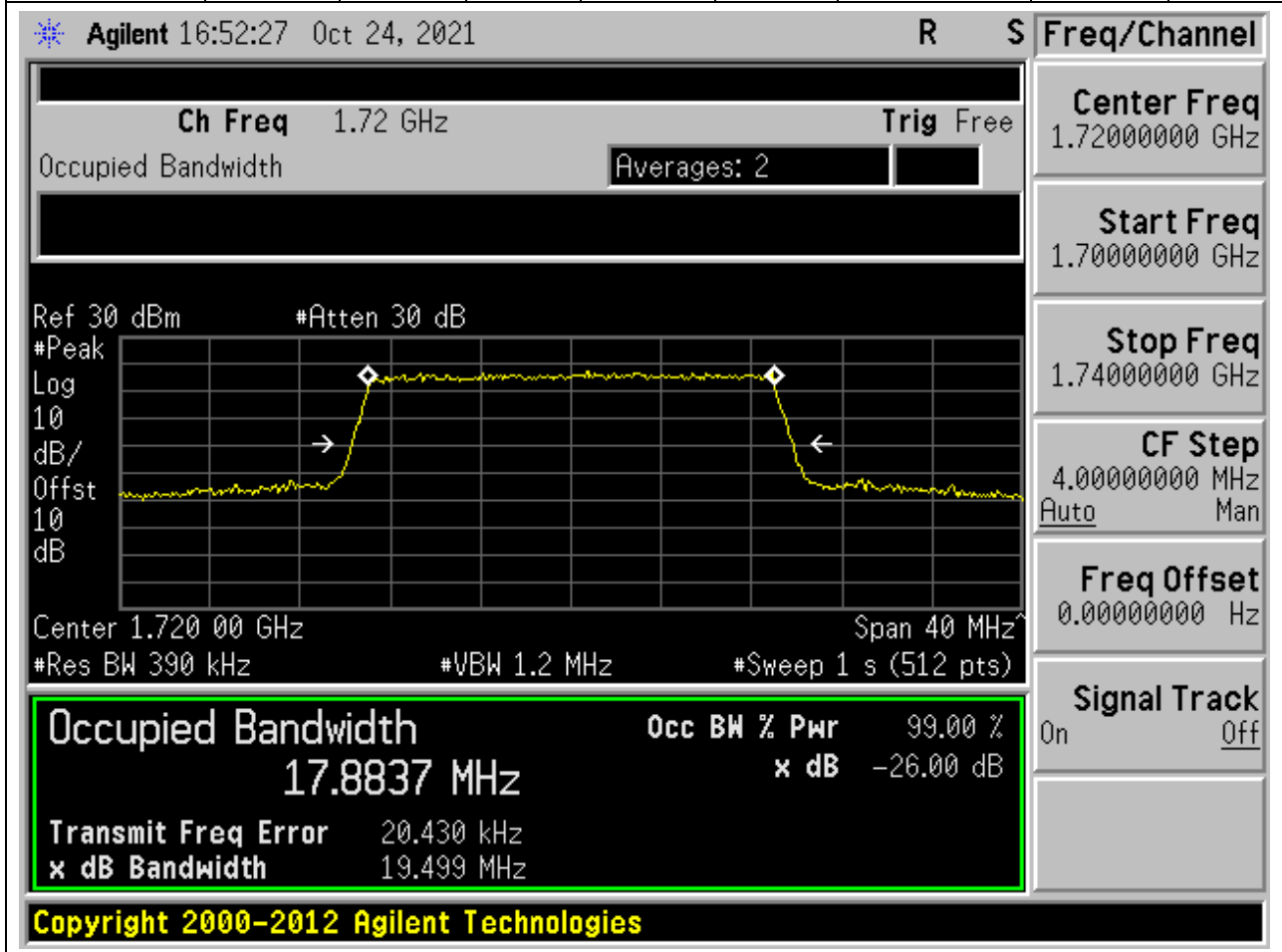
**19.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.912	19.415	20	Pass



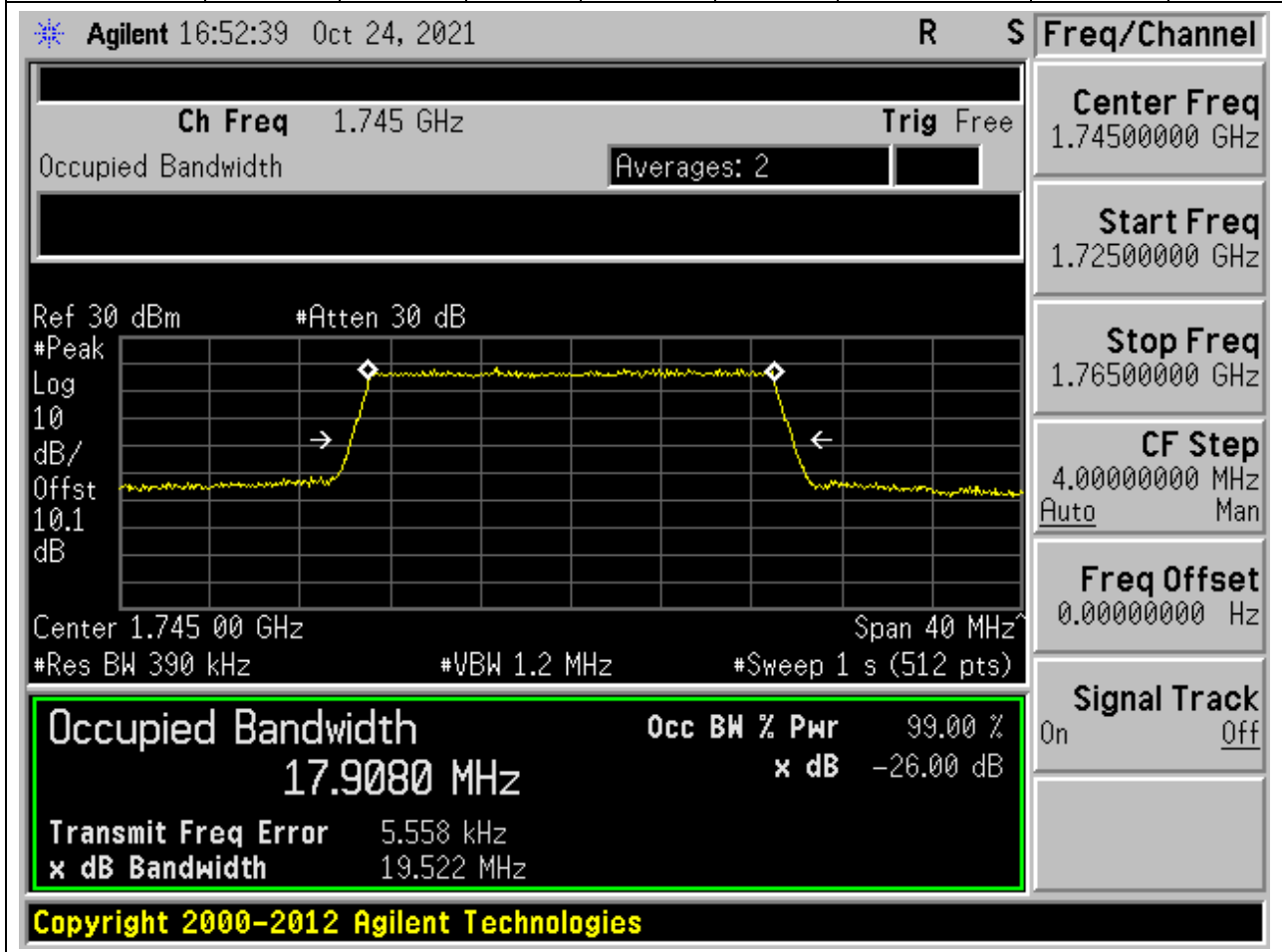
**19.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.884	19.499	20	Pass



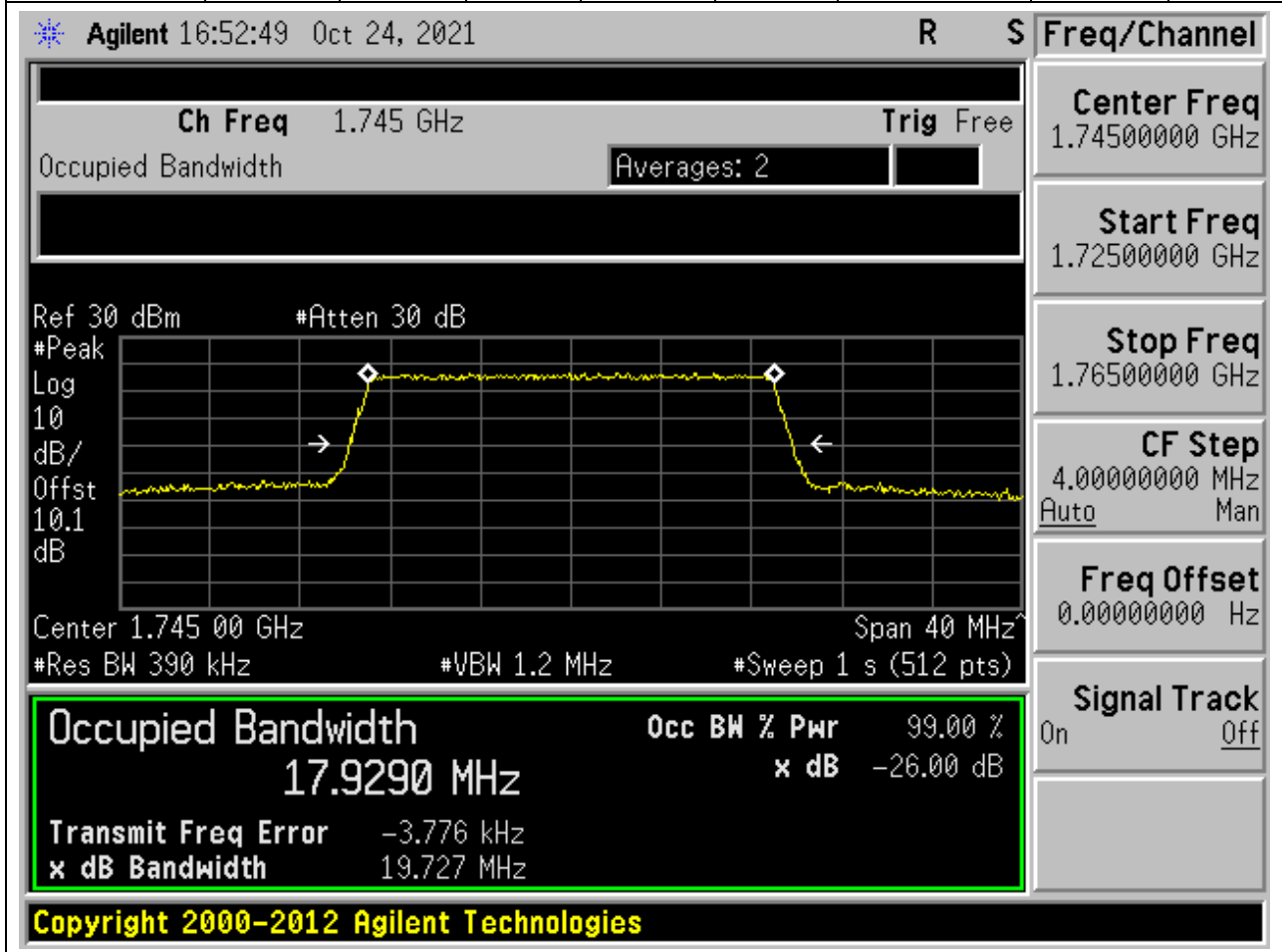
**19.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.908	19.522	20	Pass



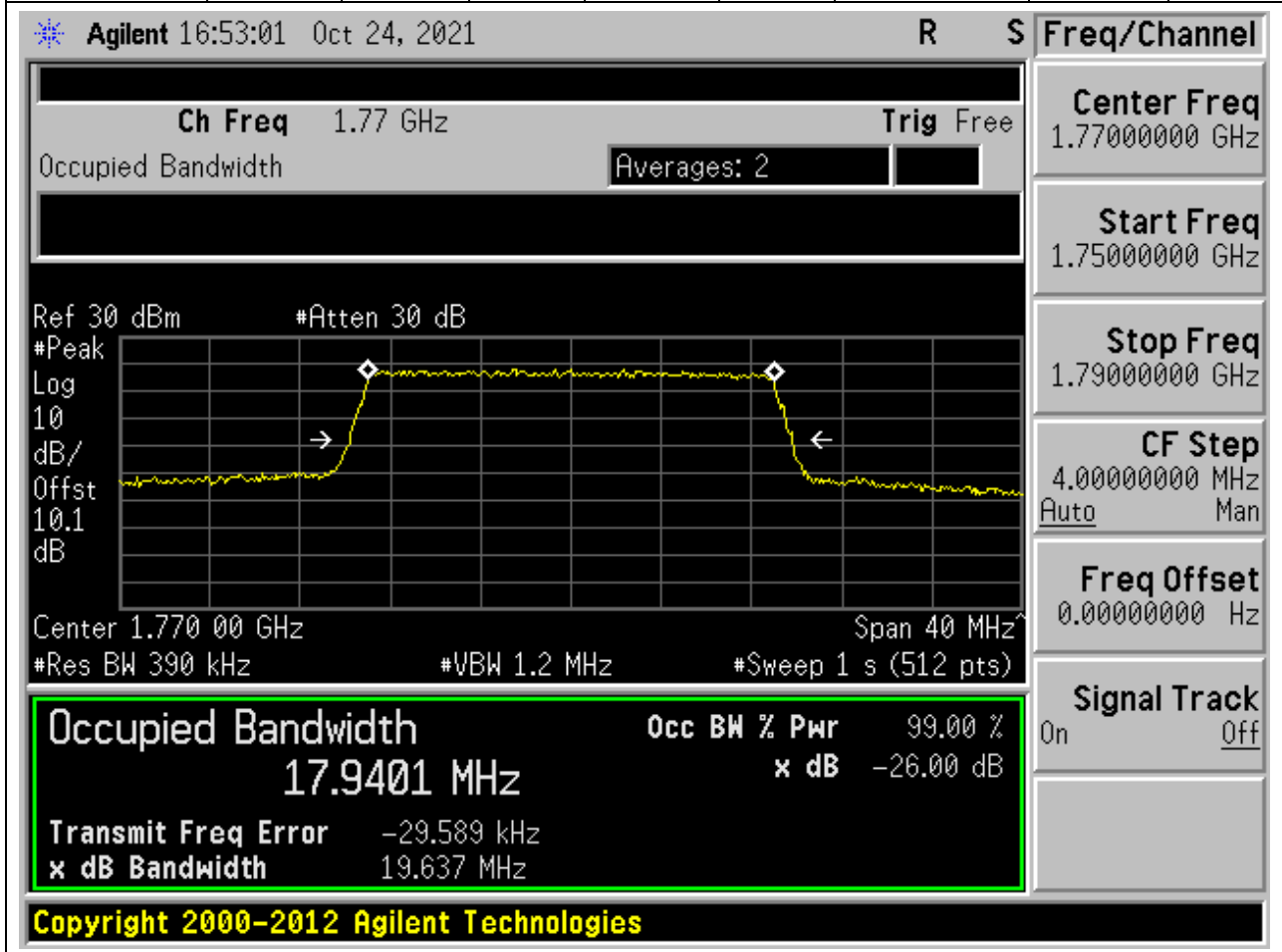
**19.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.929	19.727	20	Pass



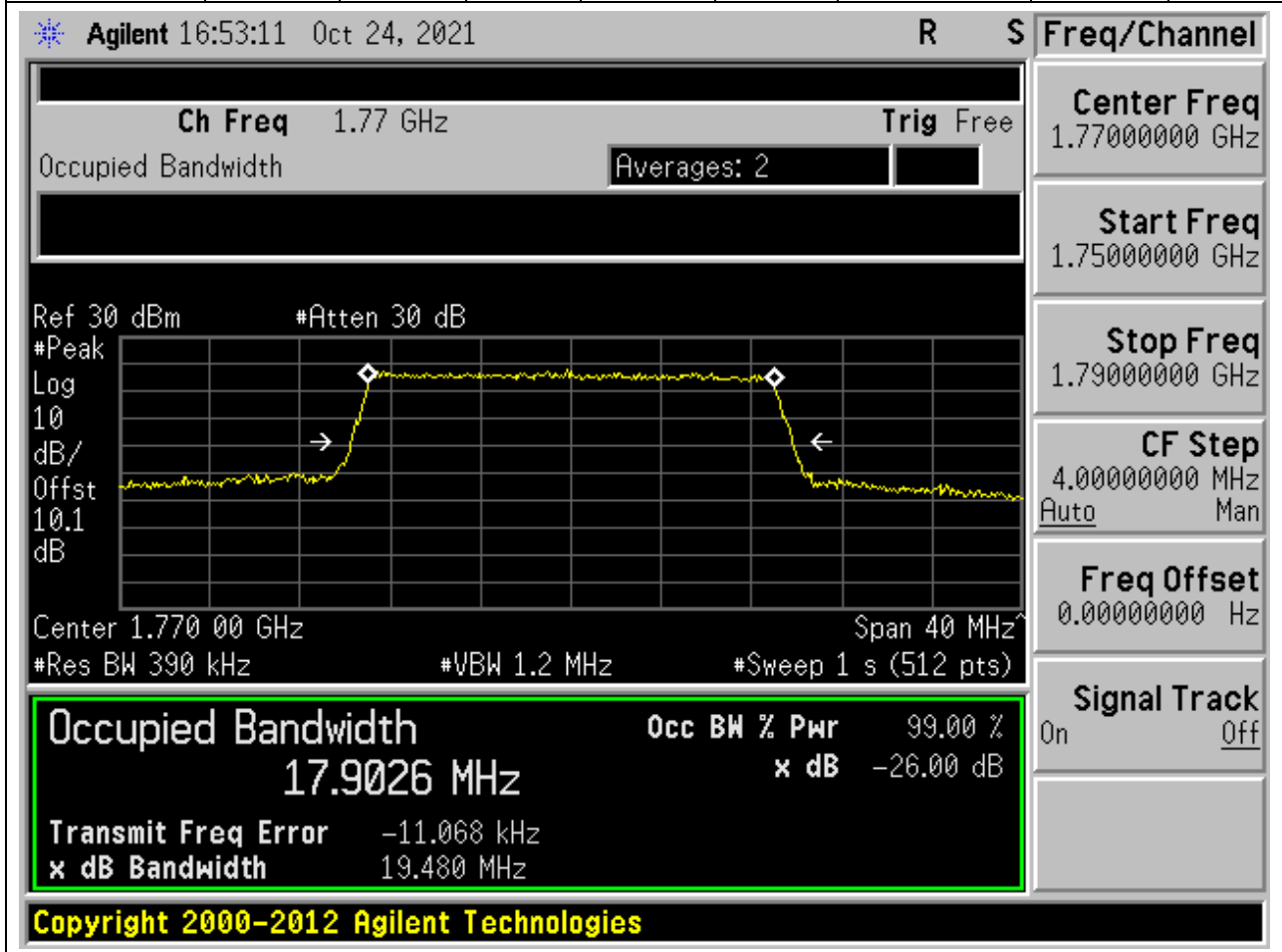
**19.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.94	19.637	20	Pass



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

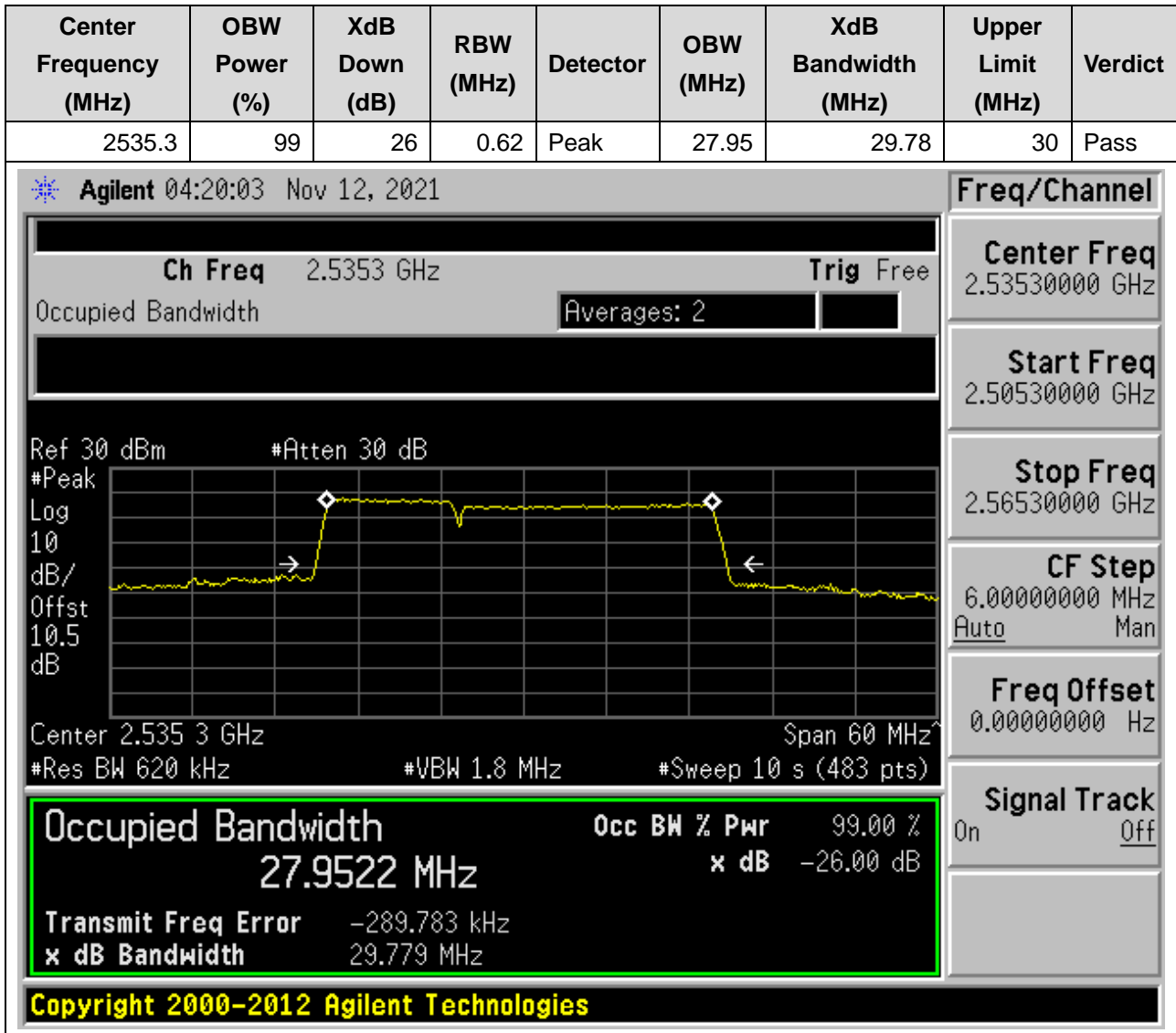
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.39	Peak	17.903	19.48	20	Pass





## 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)



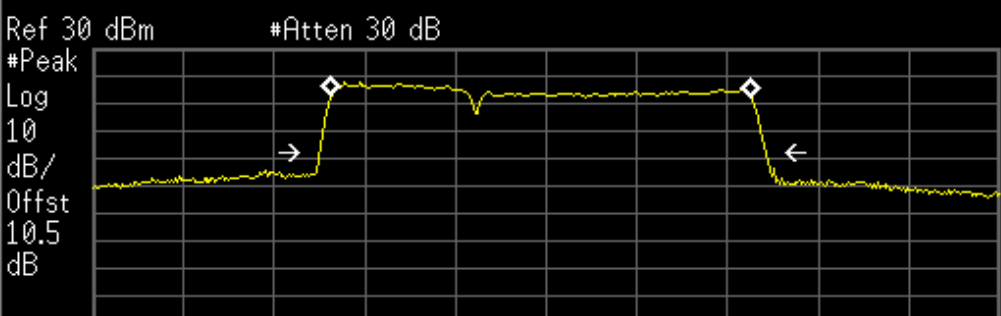
**20.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:21006+21150, Bandwidth:10+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	27.88	29.58	30	Pass

Agilent 04:20:53 Nov 12, 2021

**Ch Freq** 2.5353 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 3 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>27.8777 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-313.121 kHz	
<b>x dB Bandwidth</b>	29.583 MHz	

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**Freq/Channel**

**Center Freq**  
2.53530000 GHz

**Start Freq**  
2.50530000 GHz

**Stop Freq**  
2.56530000 GHz

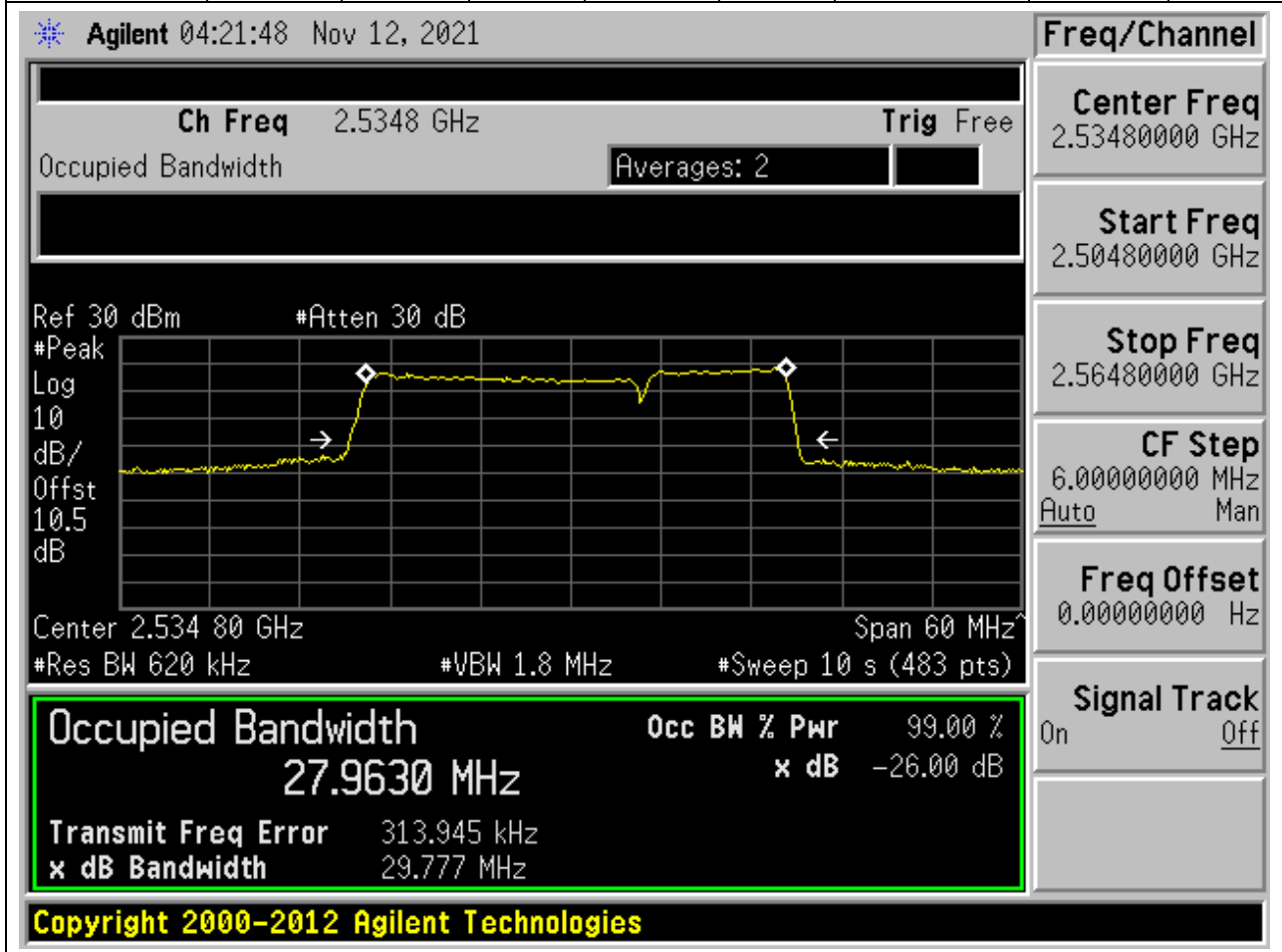
**CF Step**  
6.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

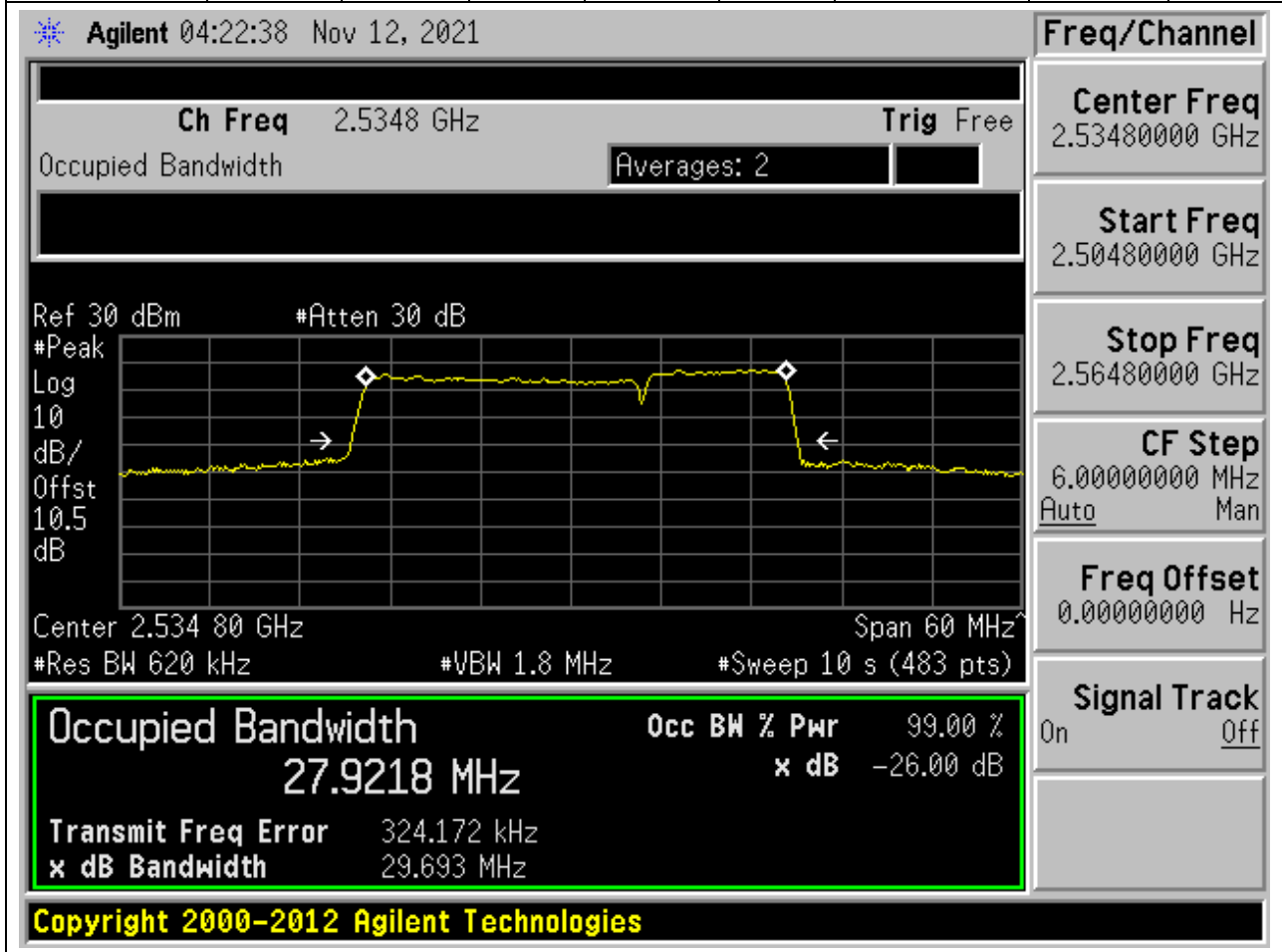
**20.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:21051+21195, Bandwidth:20+10, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	27.96	29.78	30	Pass



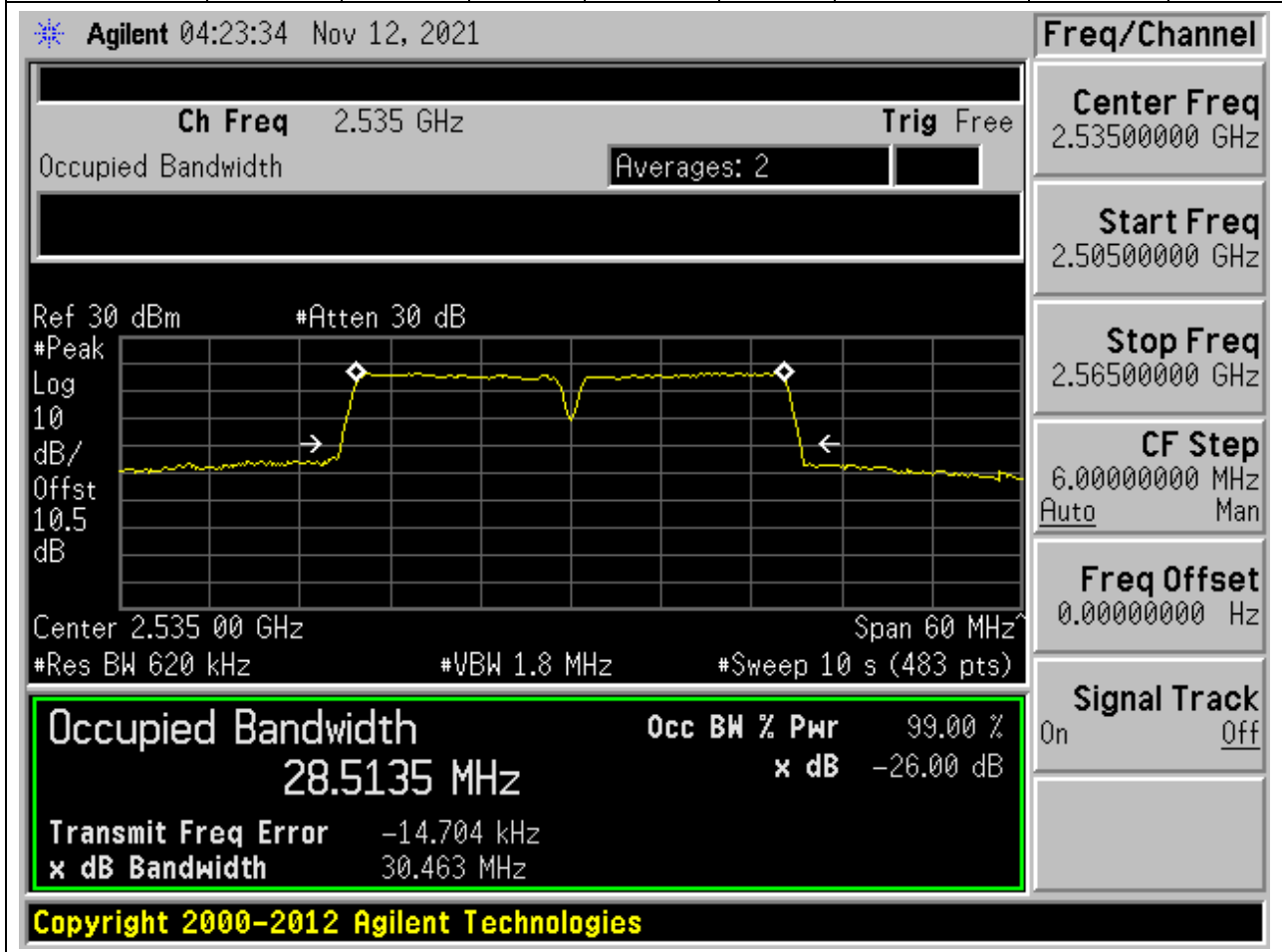
20.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:21051+21195, Bandwidth:20+10, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)

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	27.92	29.69	30	Pass



**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	28.51	30.46	30	Pass



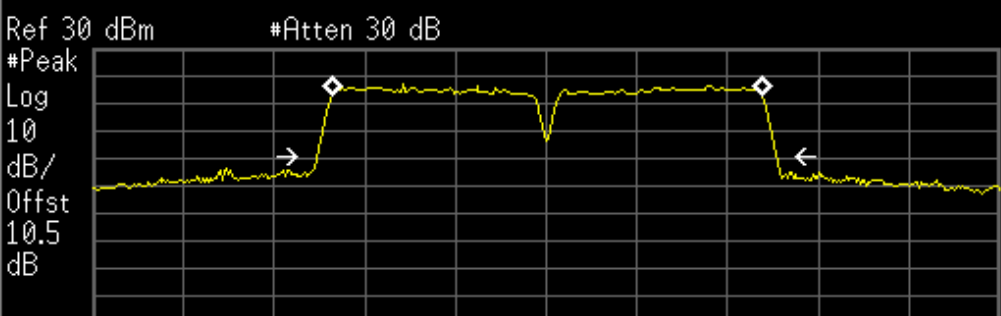
**20.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:21025+21175, Bandwidth:15+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	28.55	30.38	30	Pass

Agilent 04:24:23 Nov 12, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 00 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>28.5474 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	23.633 kHz	
<b>x dB Bandwidth</b>	30.376 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.50500000 GHz

**Stop Freq**  
2.56500000 GHz

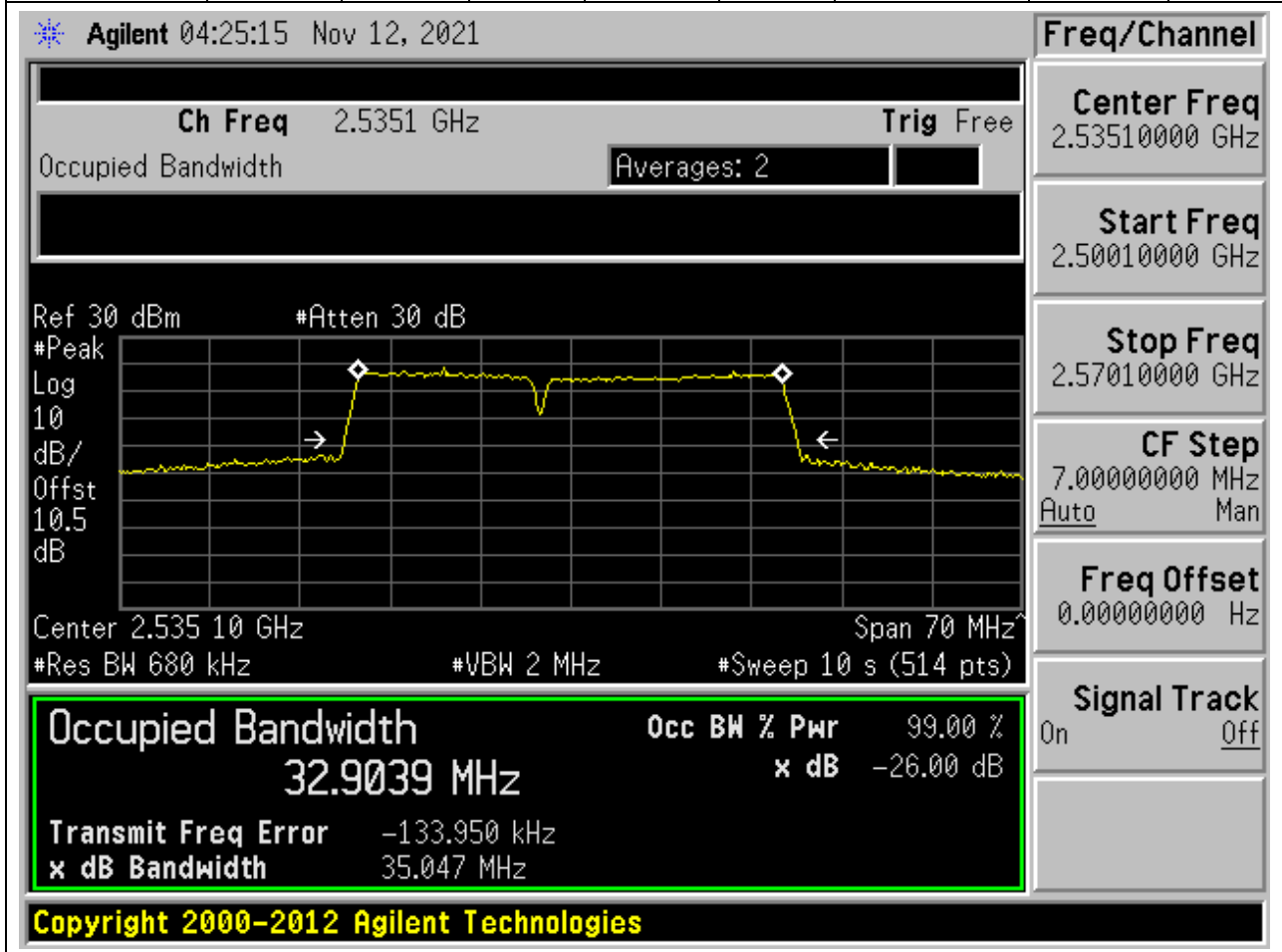
**CF Step**  
6.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	32.9	35.05	35	Pass



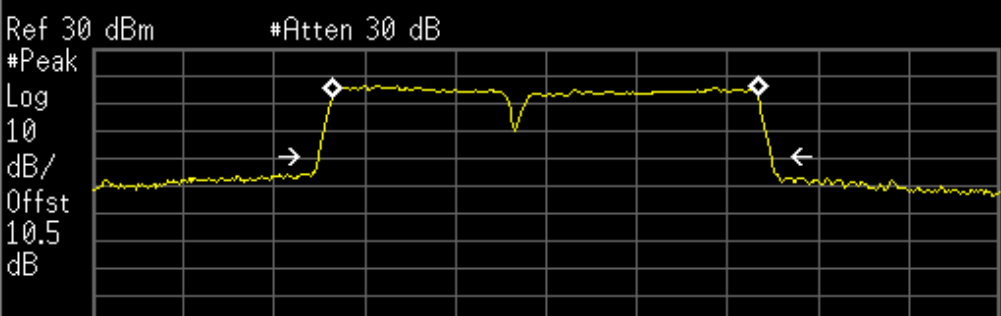
**20.8. CA Occupied Bandwidth(NTNV)(Subtest:8, Channel:21003+21174, Bandwidth:15+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	32.78	34.9	35	Pass

**Agilent** 04:26:05 Nov 12, 2021

**Ch Freq** 2.5351 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 10 GHz Span 70 MHz

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

**Freq/Channel**

**Center Freq**  
2.53510000 GHz

**Start Freq**  
2.50010000 GHz

**Stop Freq**  
2.57010000 GHz

**CF Step**  
7.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

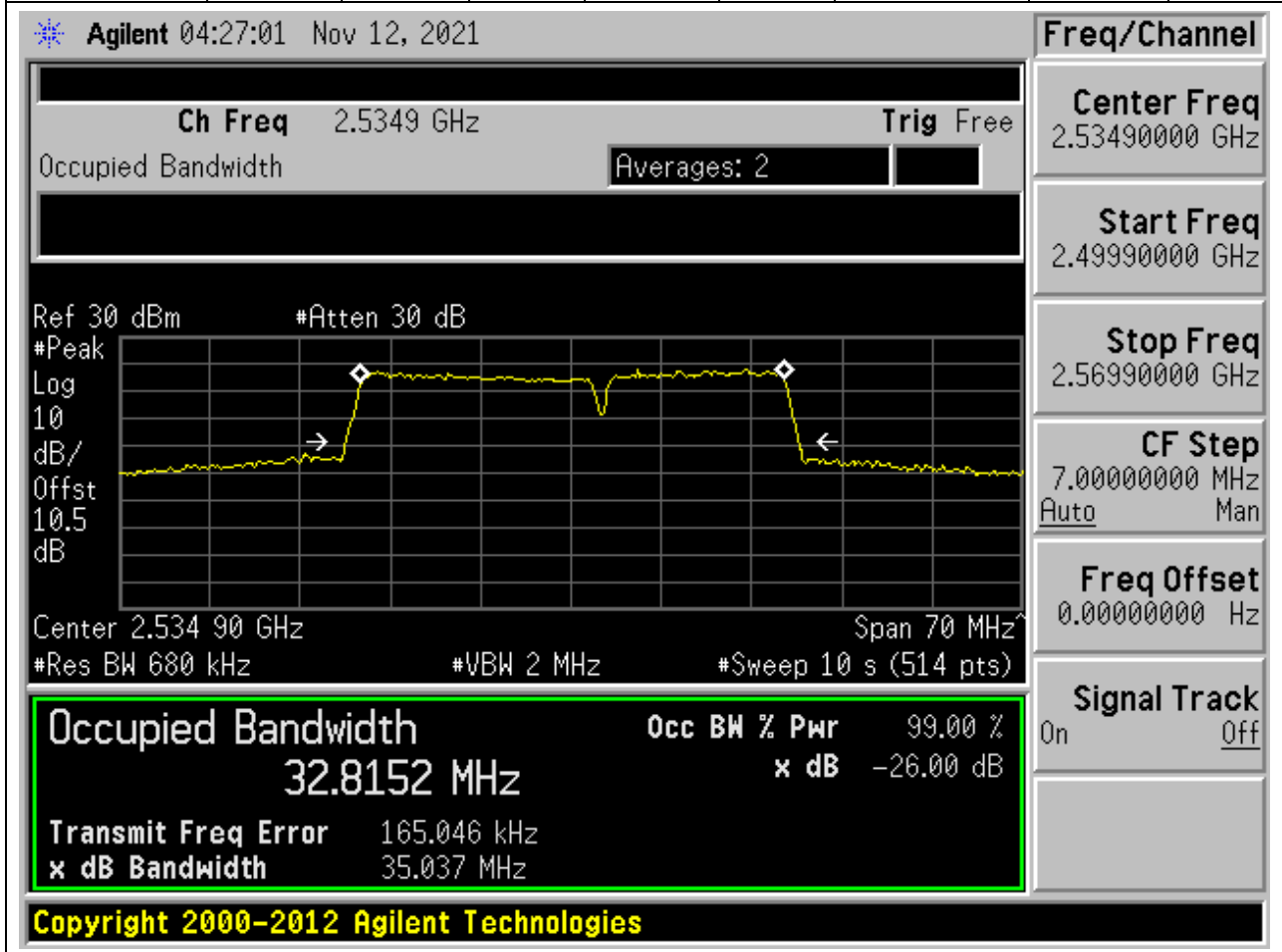
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>32.7848 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-147.606 kHz
<b>x dB Bandwidth</b>	34.901 MHz

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**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	32.82	35.04	35	Pass



**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	32.84	34.91	35	Pass

**Agilent** 04:27:51 Nov 12, 2021 Freq/Channel

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

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

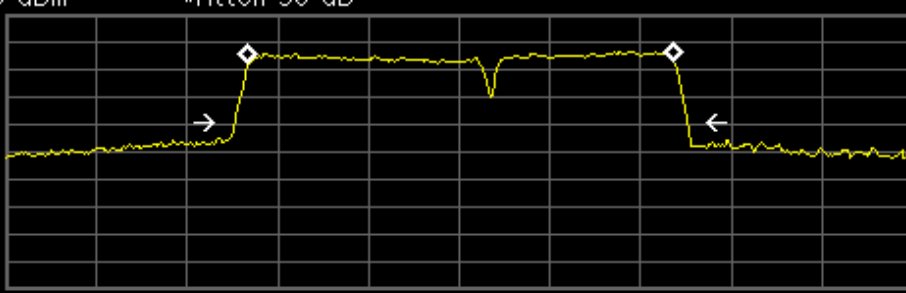
10

dB/

Offst

10.5

dB



Center 2.534 90 GHz Span 70 MHz

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

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>32.8375 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	178.644 kHz	
<b>x dB Bandwidth</b>	34.912 MHz	

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**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

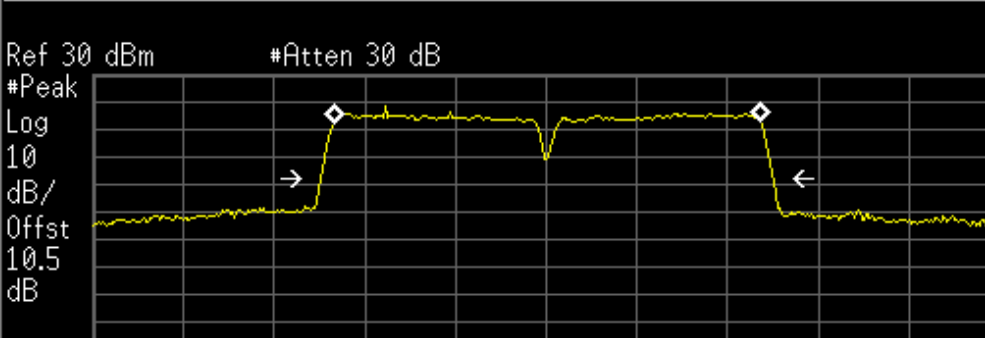
20.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:21001+21199, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)

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	37.77	40.03	40	Pass

**Agilent** 04:28:44 Nov 12, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 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 %

**37.7730 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 55.912 kHz

**x dB Bandwidth** 40.035 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	37.72	40.22	40	Pass

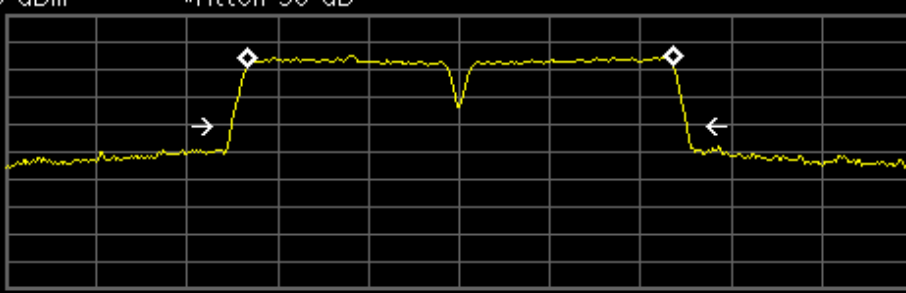
**Agilent** 04:29:33 Nov 12, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB



Center 2.535 00 GHz Span 80 MHz  
#Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.7218 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 25.999 kHz	
x dB Bandwidth 40.217 MHz	

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**Freq/Channel**

**Center Freq** 2.53500000 GHz

**Start Freq** 2.49500000 GHz

**Stop Freq** 2.57500000 GHz

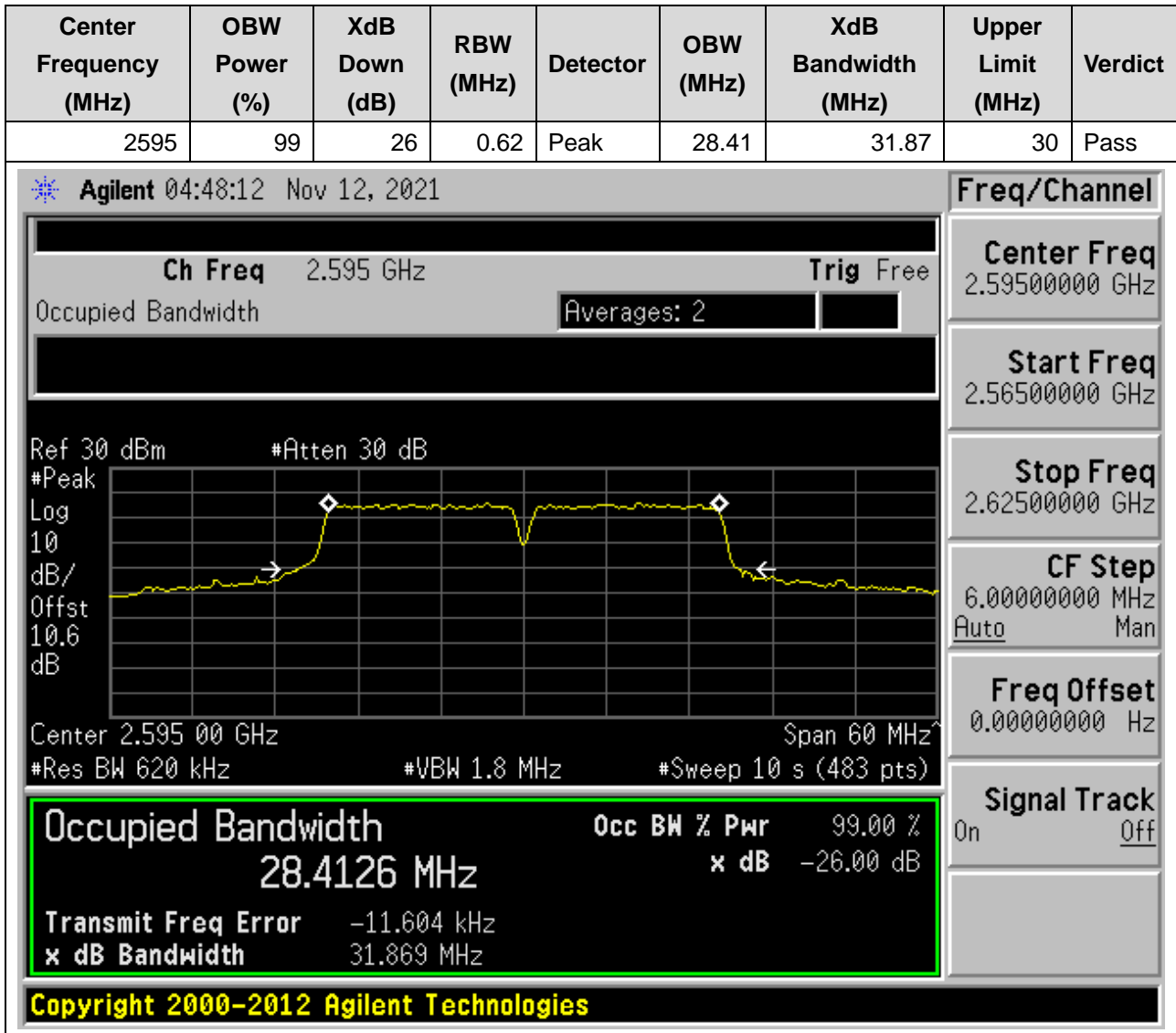
**CF Step** 8.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track**  
On Off

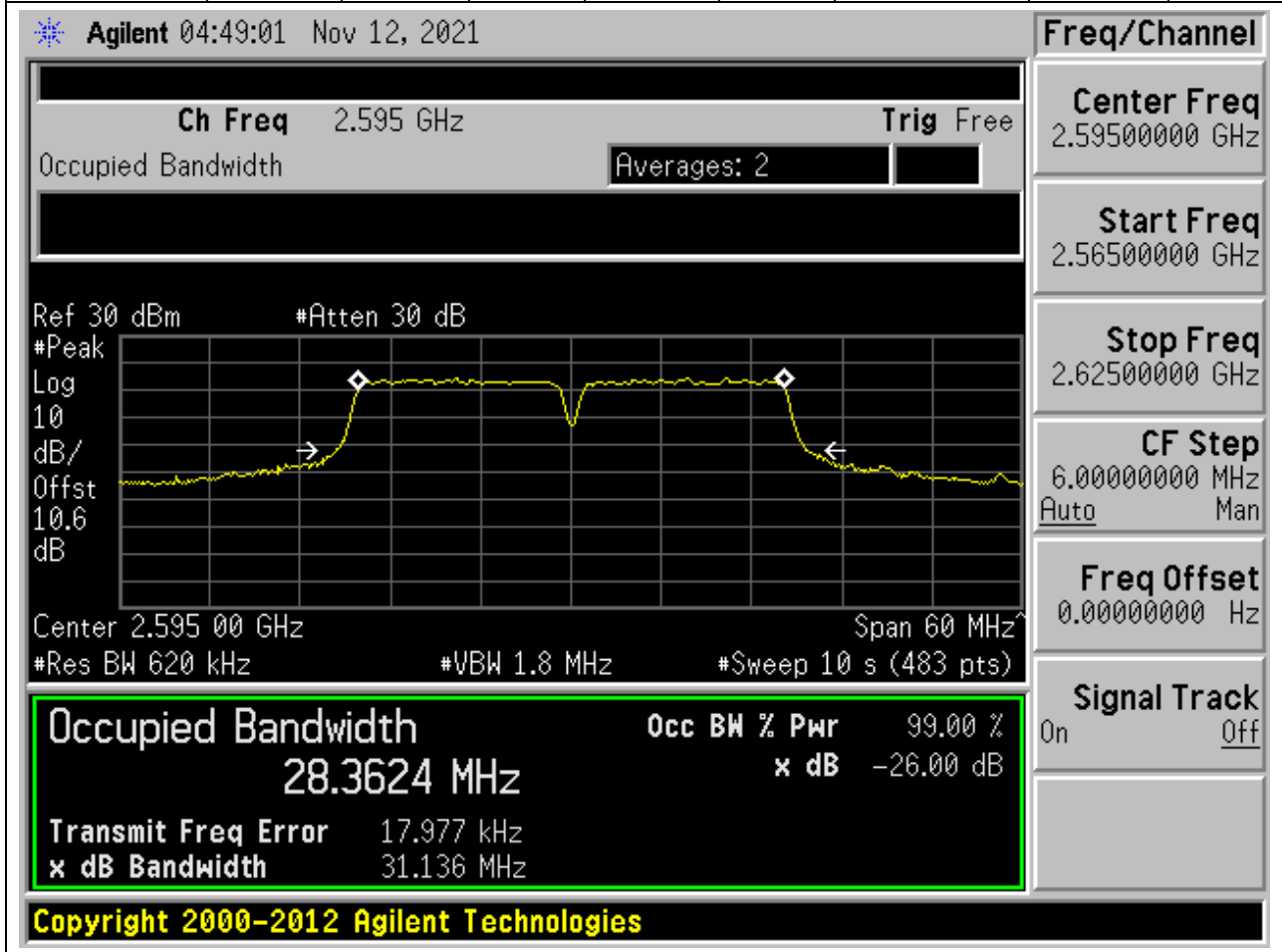
## 21. CA\_38C

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



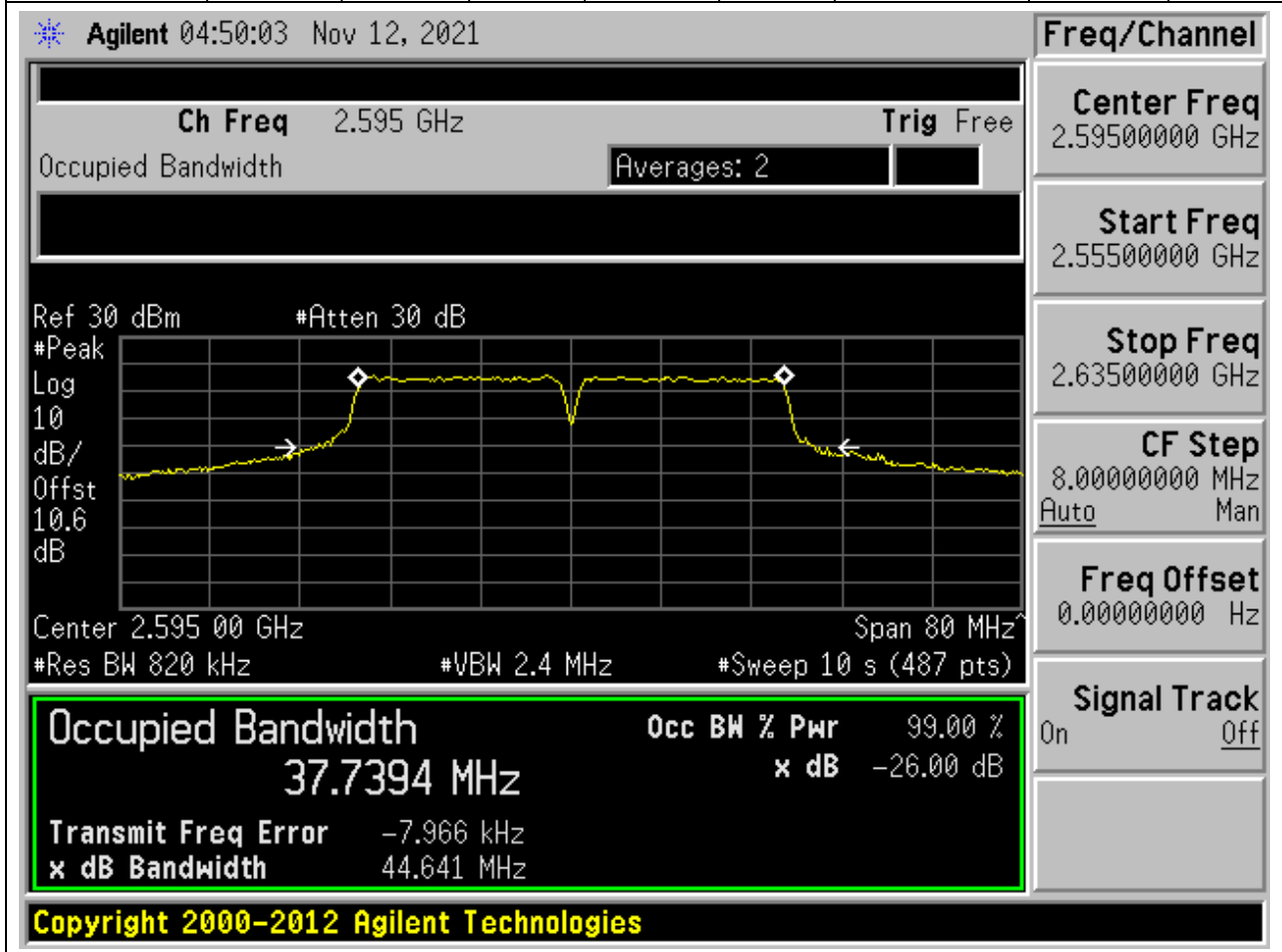
**21.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:37925+38075, Bandwidth:15+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	28.36	31.14	30	Pass



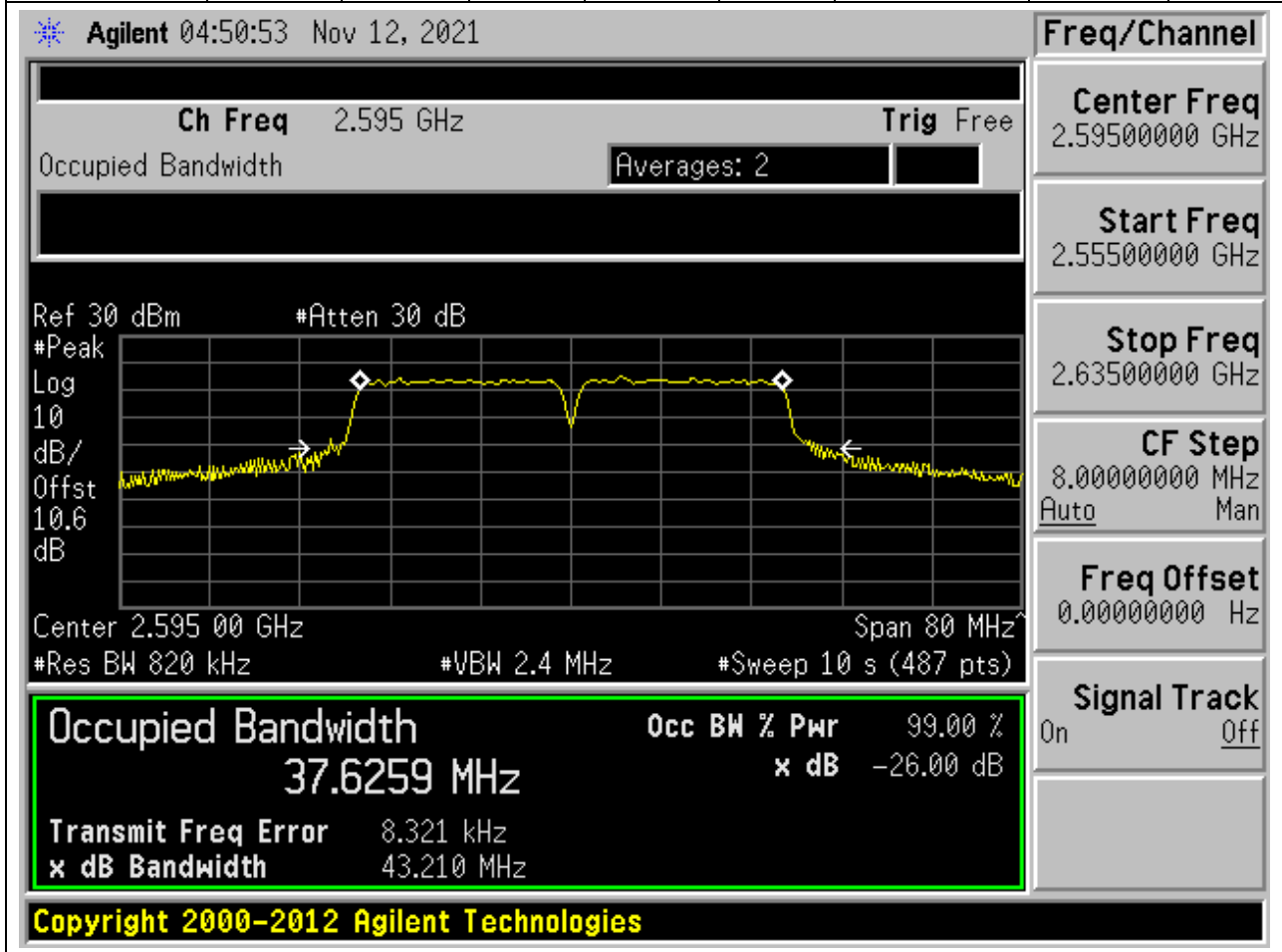
**21.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:37901+38099, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	37.74	44.64	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)

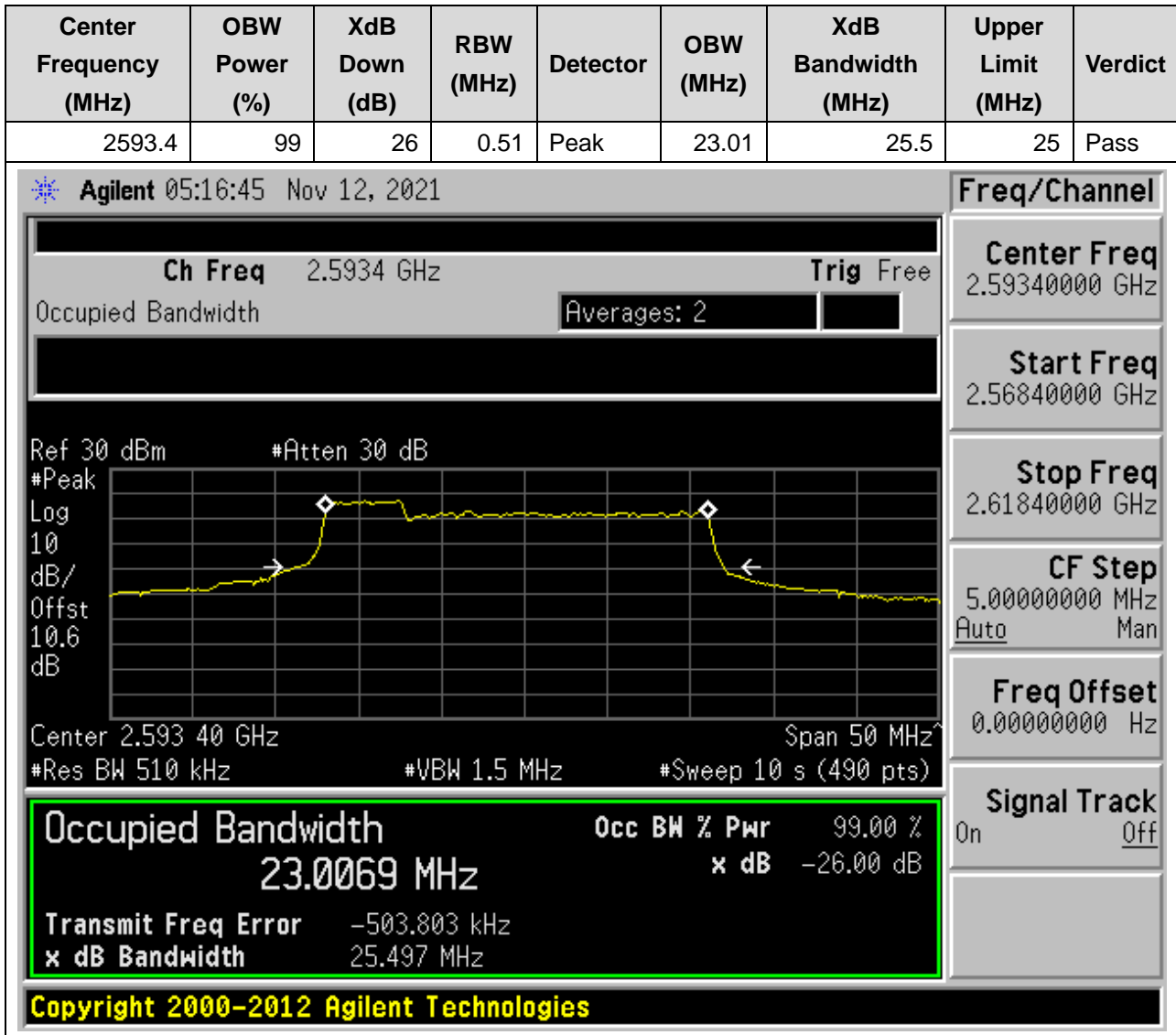
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.63	43.21	40	Pass





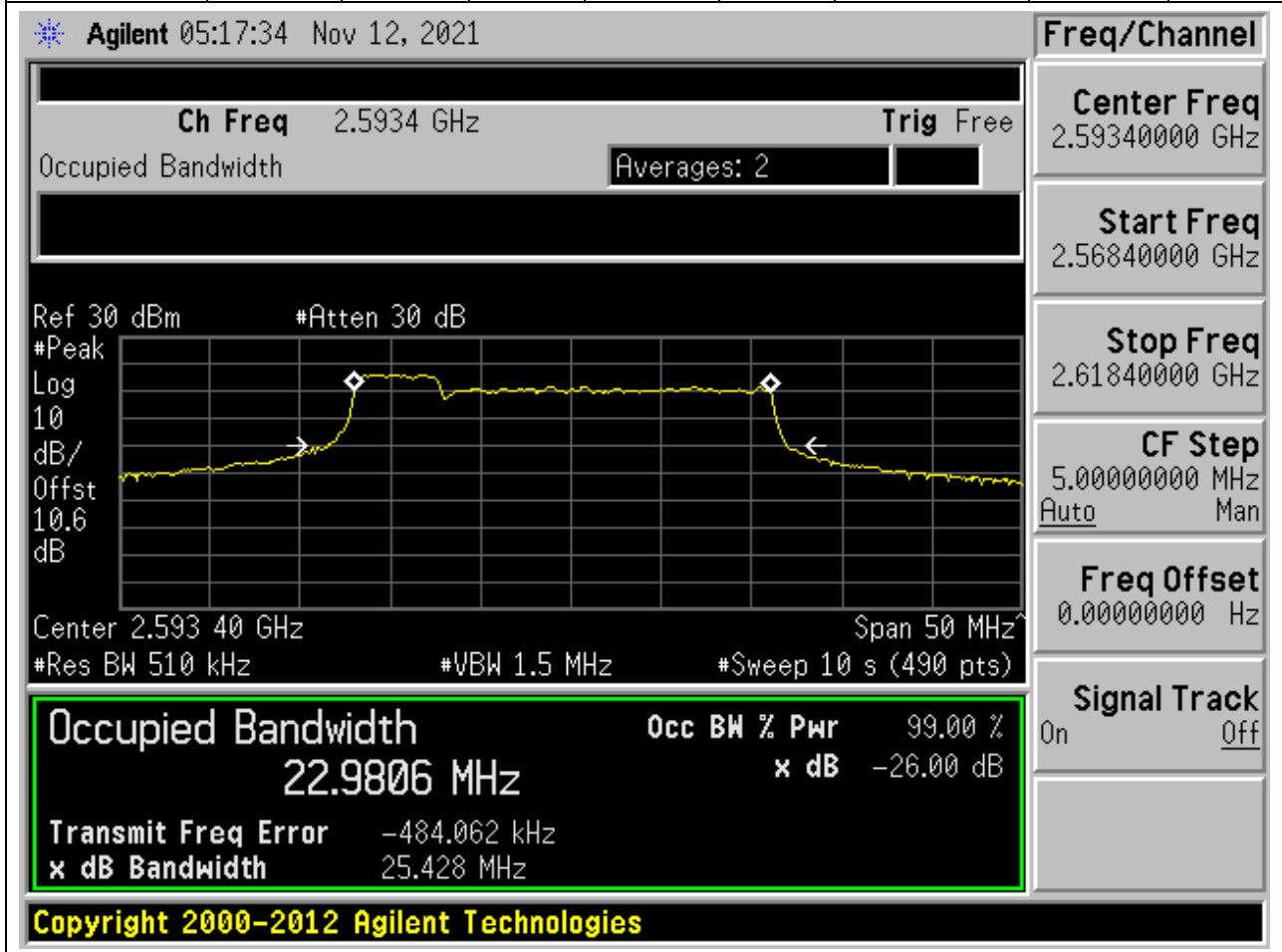
## 22. CA\_41C

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



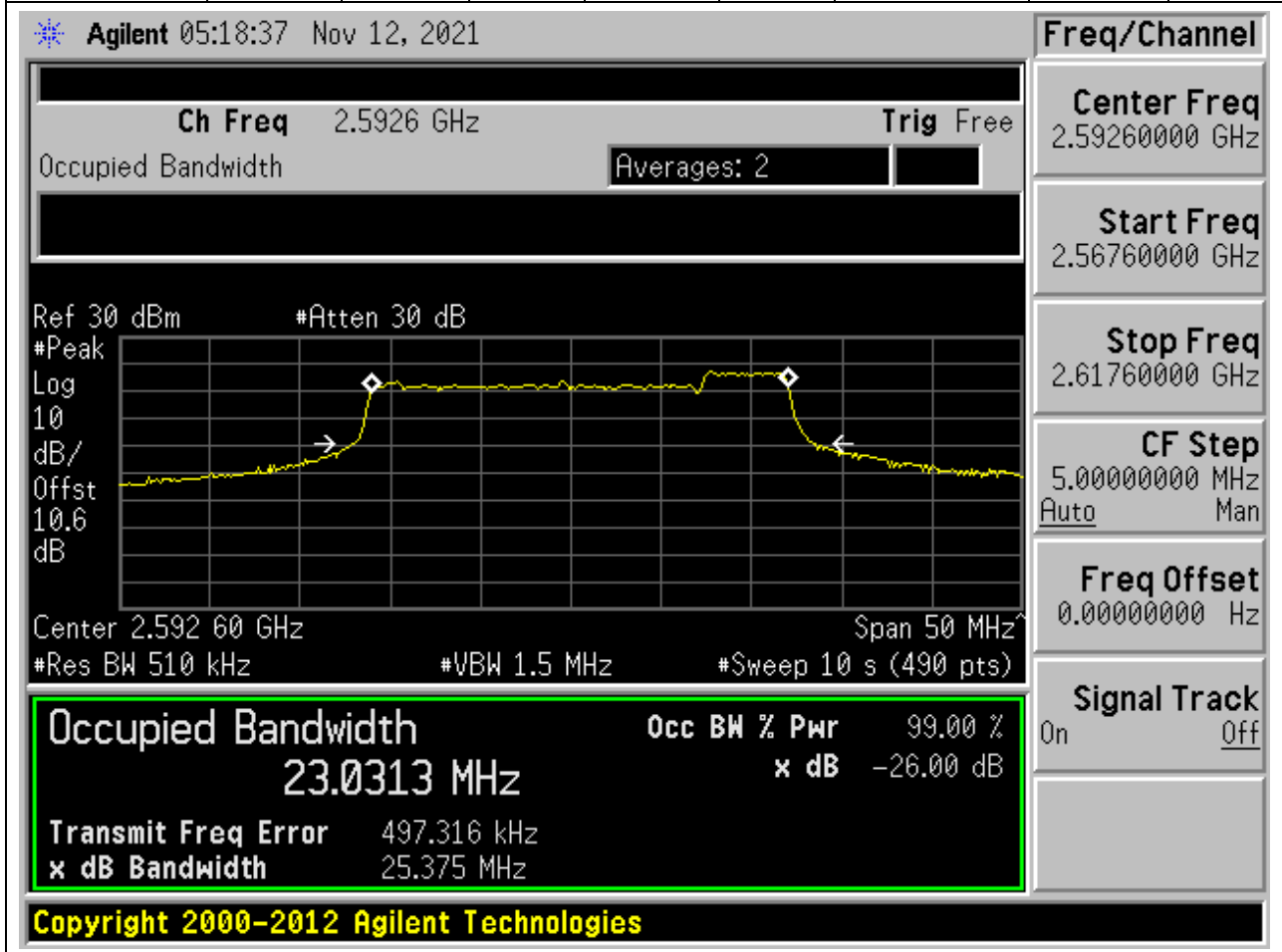
**22.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:40528+40645, Bandwidth:5+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	22.98	25.43	25	Pass



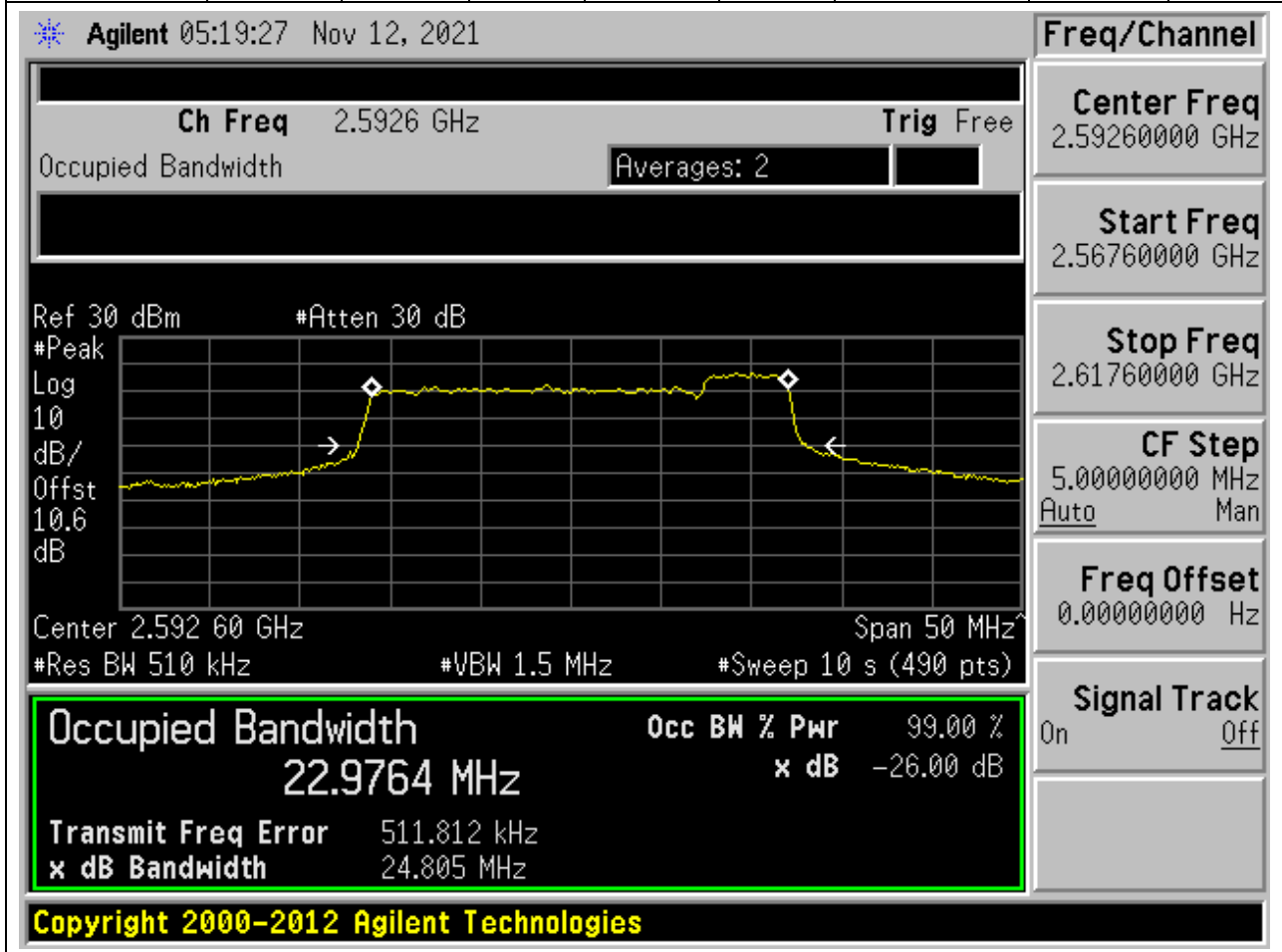
**22.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:40595+40712, Bandwidth:20+5, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	23.03	25.37	25	Pass



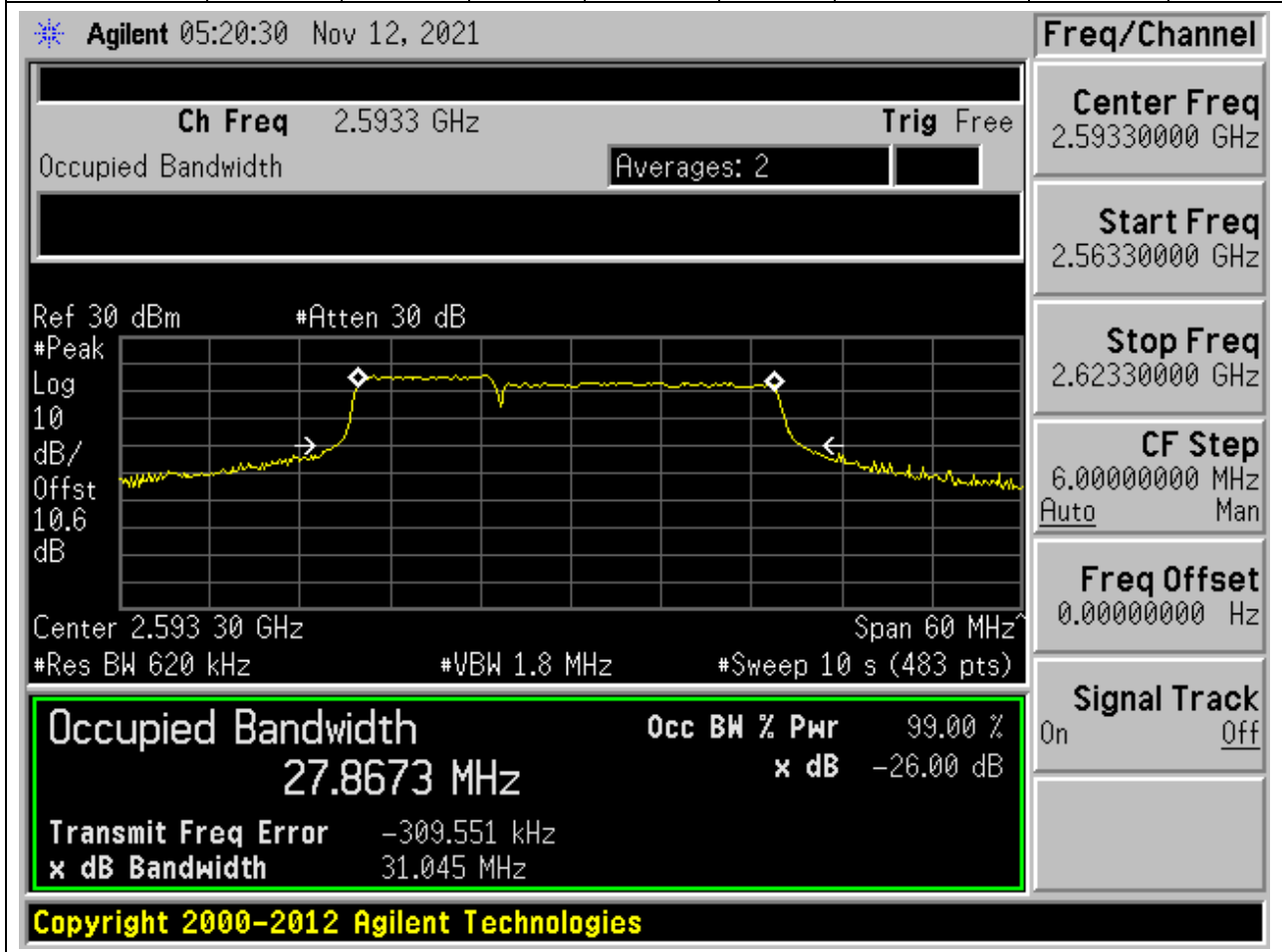
**22.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:40595+40712, Bandwidth:20+5, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	22.98	24.81	25	Pass



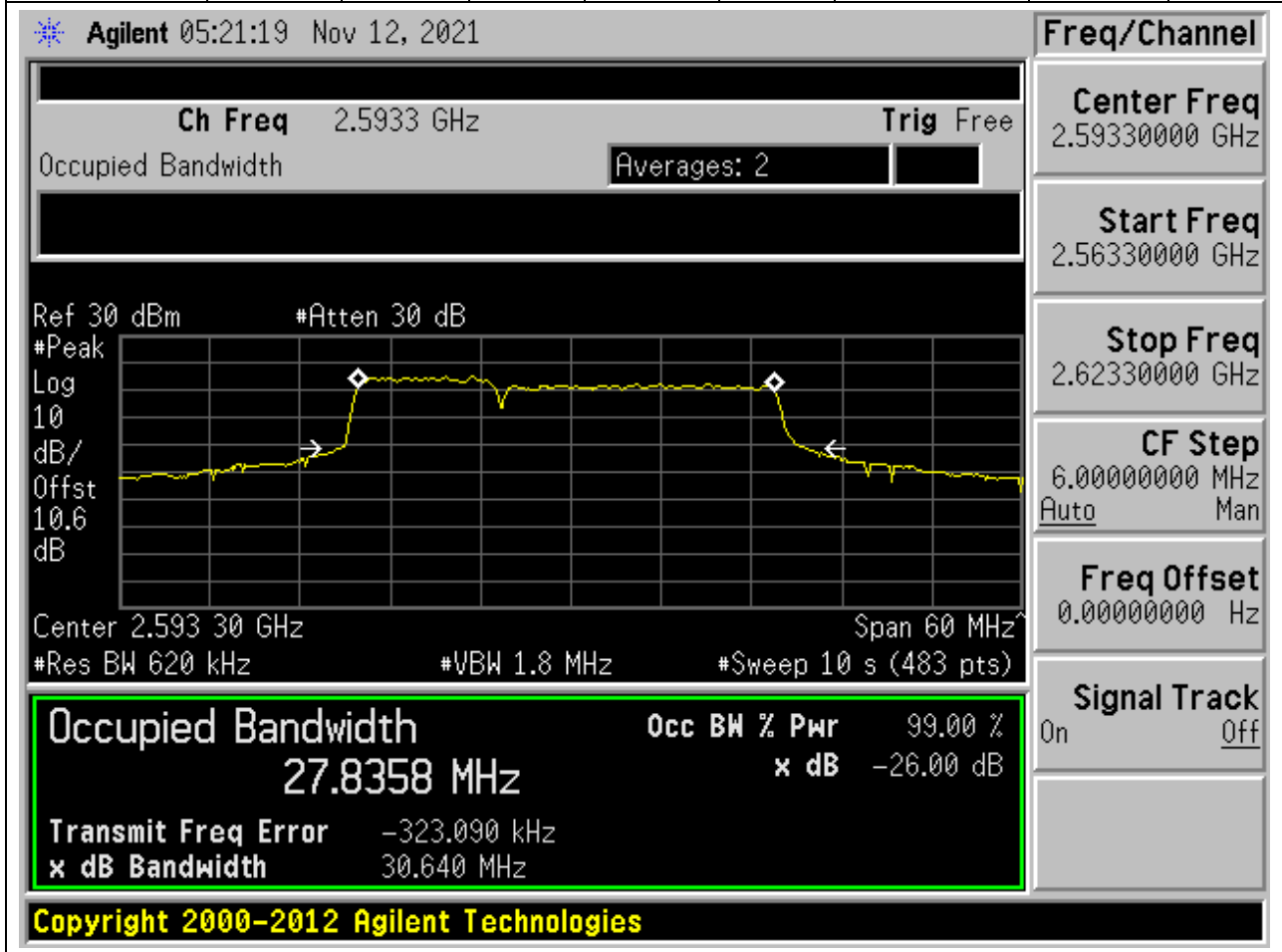
**22.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:40526+40670, Bandwidth:10+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	27.87	31.04	30	Pass



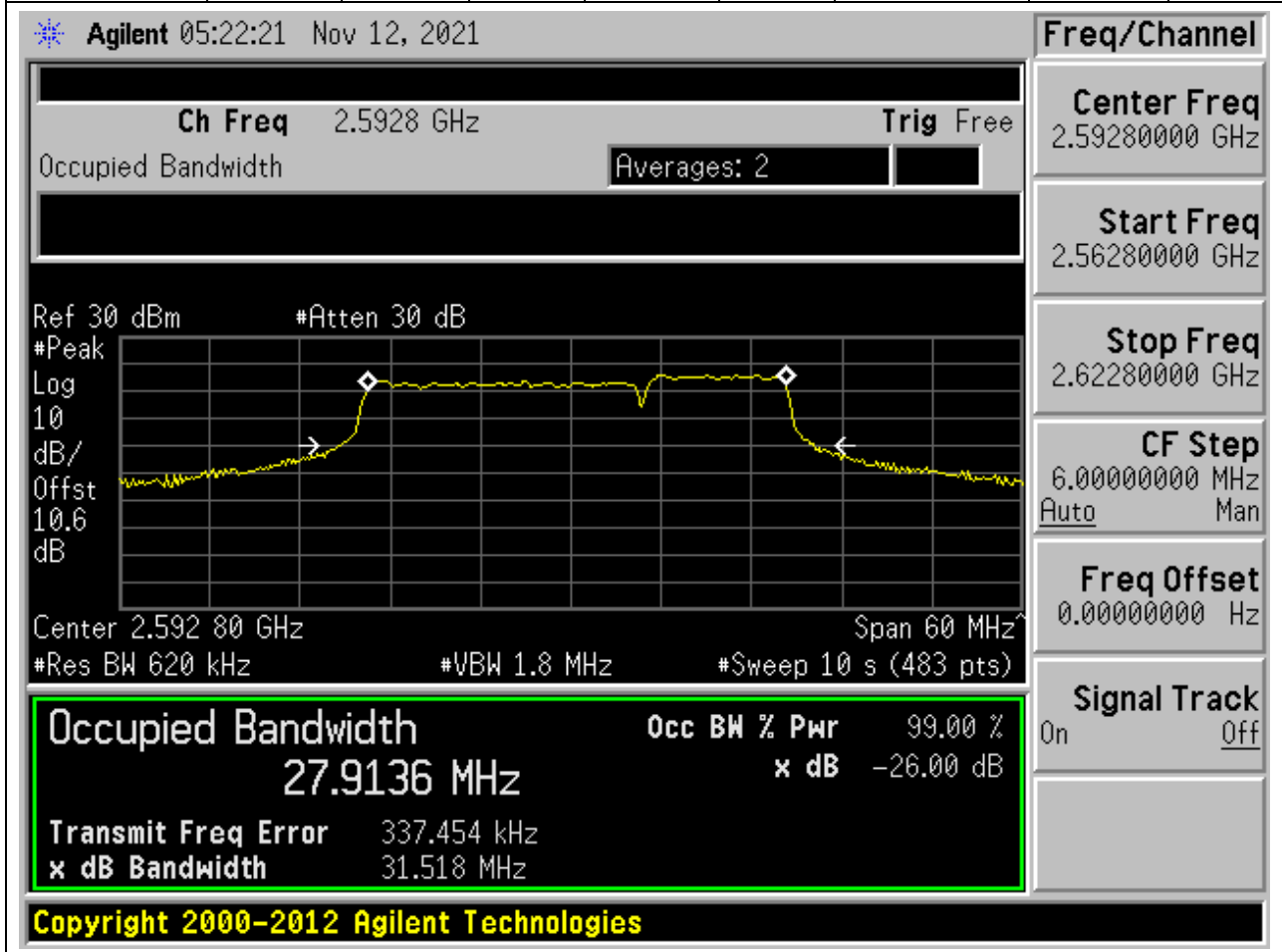
**22.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:40526+40670, Bandwidth:10+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	27.84	30.64	30	Pass



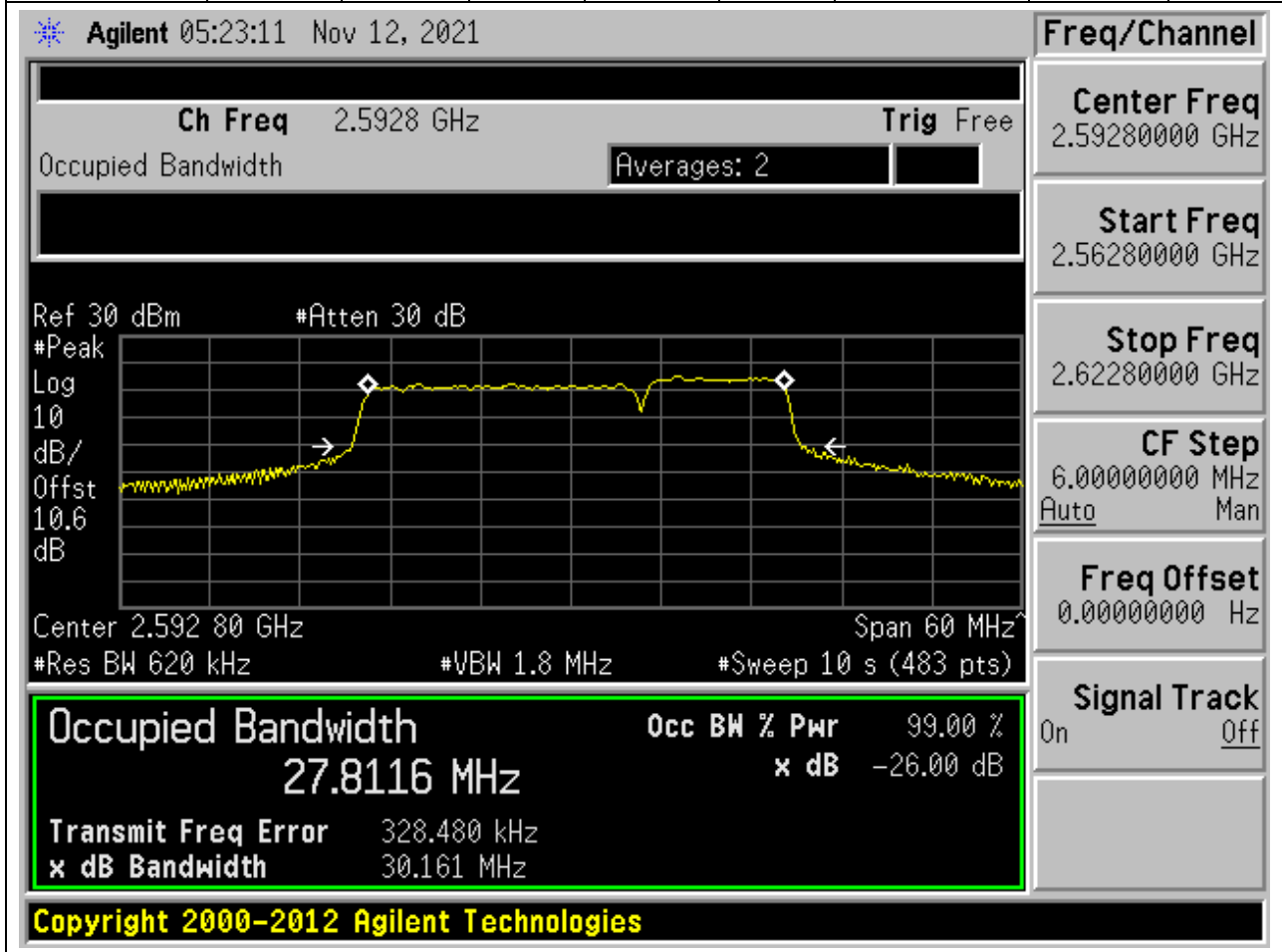
**22.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:40571+40715, Bandwidth:20+10, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	27.91	31.52	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)**

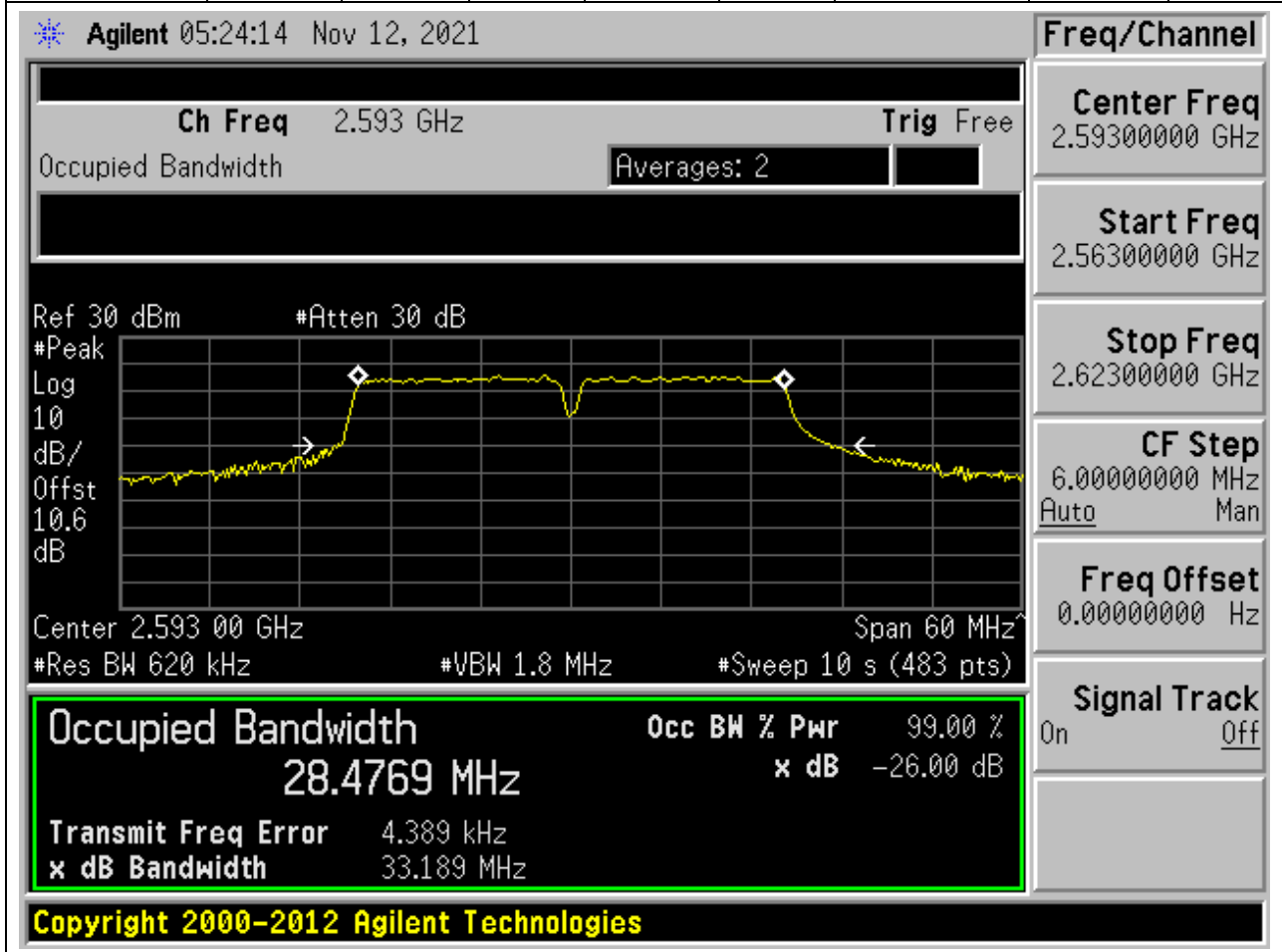
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.81	30.16	30	Pass





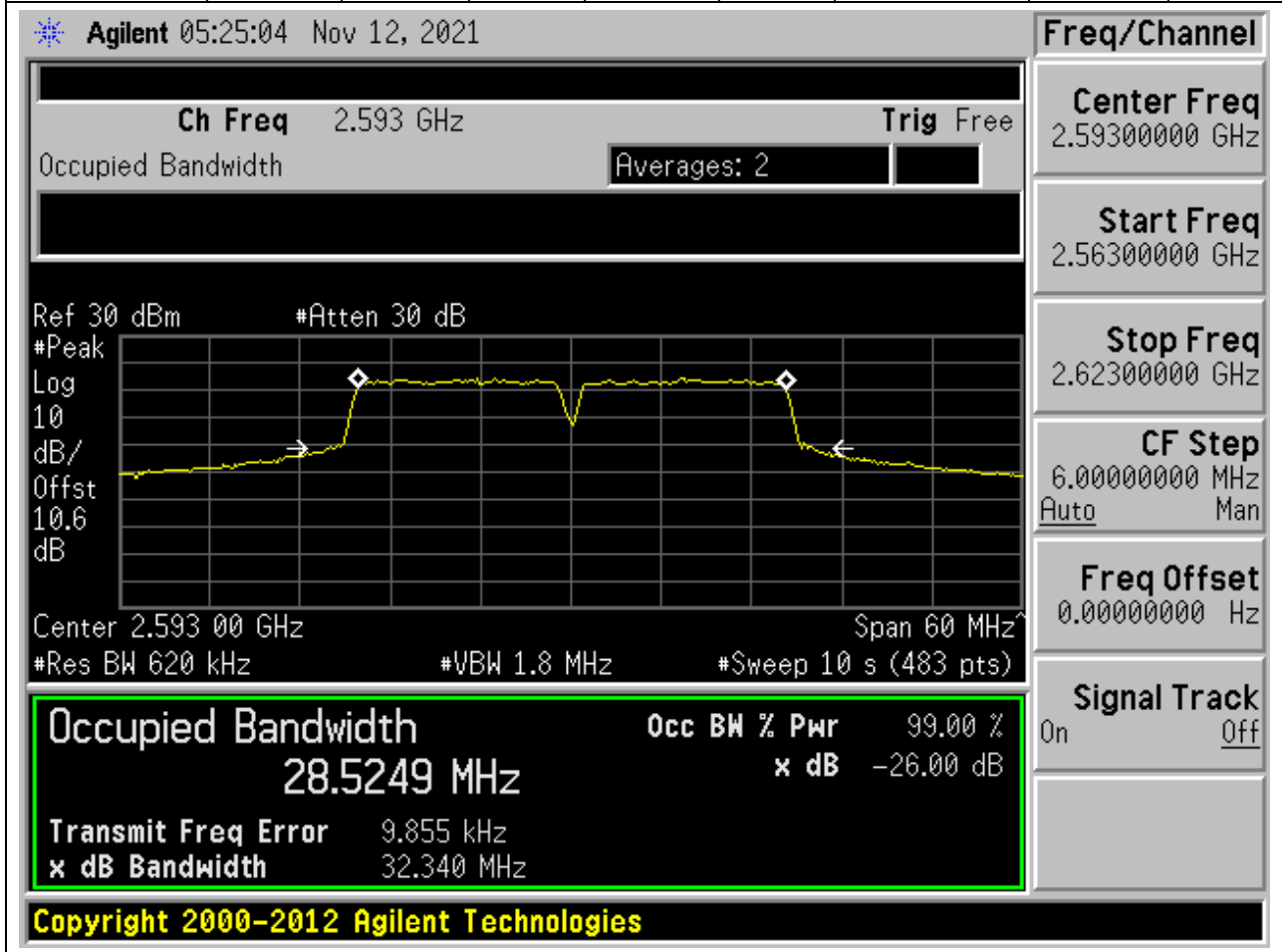
**22.9. CA Occupied Bandwidth(NTNV)(Subtest:9, Channel:40545+40695, Bandwidth:15+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	28.48	33.19	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	28.52	32.34	30	Pass



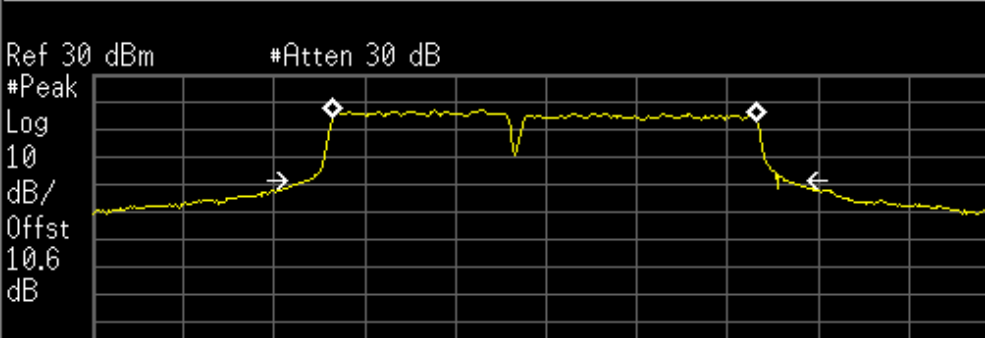
**22.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:40523+40694, Bandwidth:15+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	32.76	37.1	35	Pass

**Agilent** 05:25:56 Nov 12, 2021

**Ch Freq** 2.5931 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.6 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 %

**32.7584 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -177.332 kHz

**x dB Bandwidth** 37.102 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	32.73	38.1	35	Pass

**Agilent** 05:26:46 Nov 12, 2021 Freq/Channel

---

**Ch Freq** 2.5931 GHz **Trig** Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

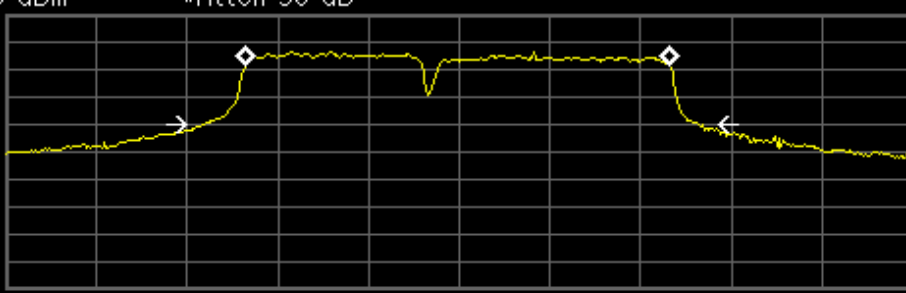
10

dB/

Offst

10.6

dB



Center 2.593 10 GHz Span 70 MHz

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

---

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
32.7277 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -190.929 kHz	
x dB Bandwidth 38.104 MHz	

---

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**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

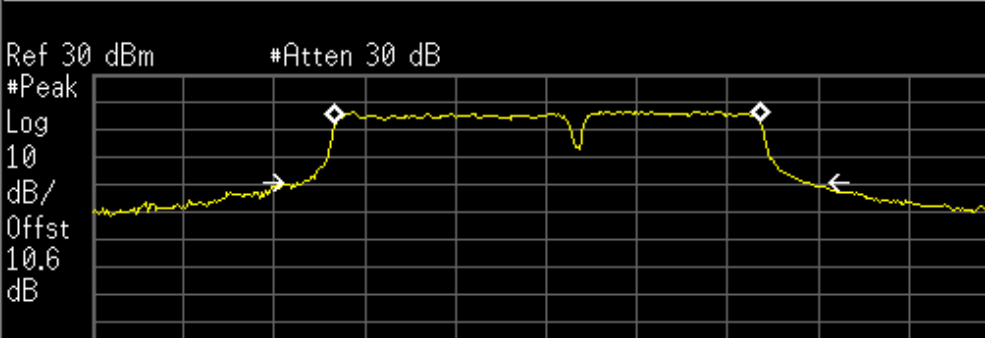
**22.13. CA Occupied Bandwidth(NTNV)(Subtest:13, Channel:40546+40717, Bandwidth:20+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	32.8	39.02	35	Pass

**Agilent** 05:27:49 Nov 12, 2021

**Ch Freq** 2.5929 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.6 dB

Center 2.592 90 GHz Span 70 MHz

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

**Freq/Channel**

**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 %

**32.7958 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 164.989 kHz

**x dB Bandwidth** 39.018 MHz

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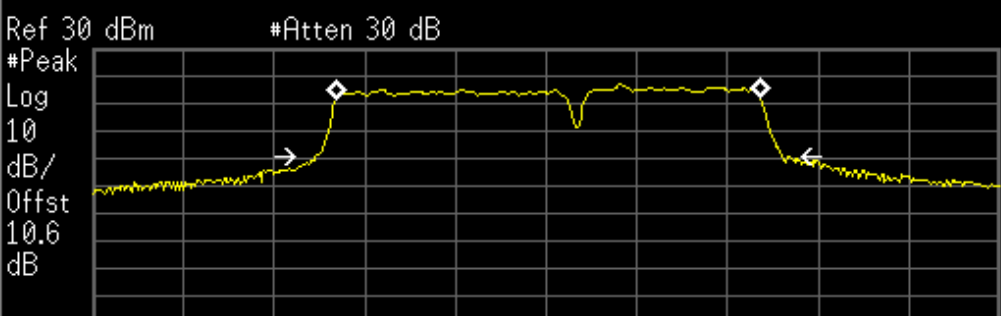
**22.14. CA Occupied Bandwidth(NTNV)(Subtest:14, Channel:40546+40717, Bandwidth:20+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

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	32.74	35.97	35	Pass

**Agilent** 05:28:39 Nov 12, 2021

**Ch Freq** 2.5929 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.592 90 GHz Span 70 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>32.7361 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	188.591 kHz	
<b>x dB Bandwidth</b>	35.969 MHz	

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**Freq/Channel**

**Center Freq**  
2.59290000 GHz

**Start Freq**  
2.55790000 GHz

**Stop Freq**  
2.62790000 GHz

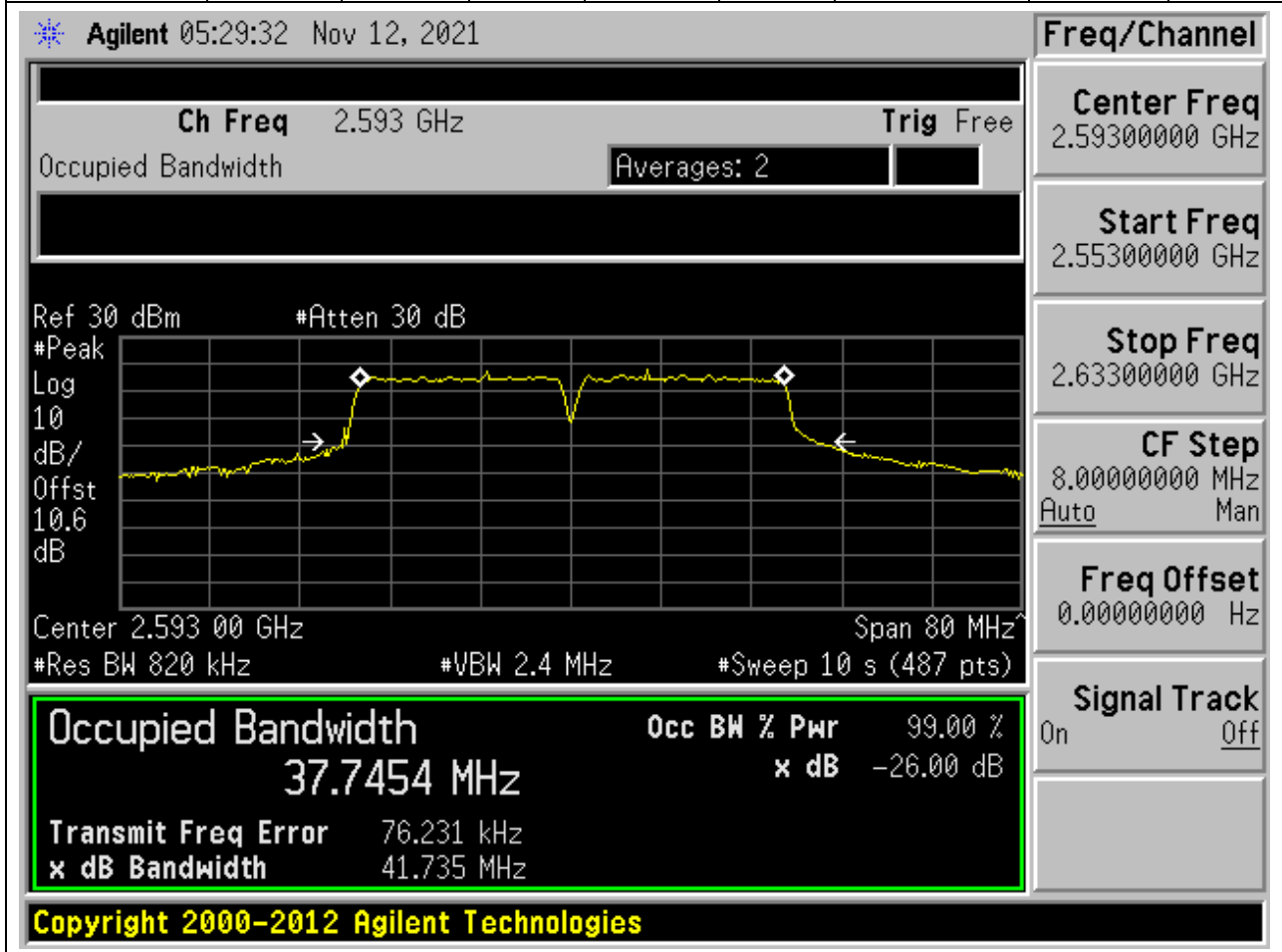
**CF Step**  
7.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

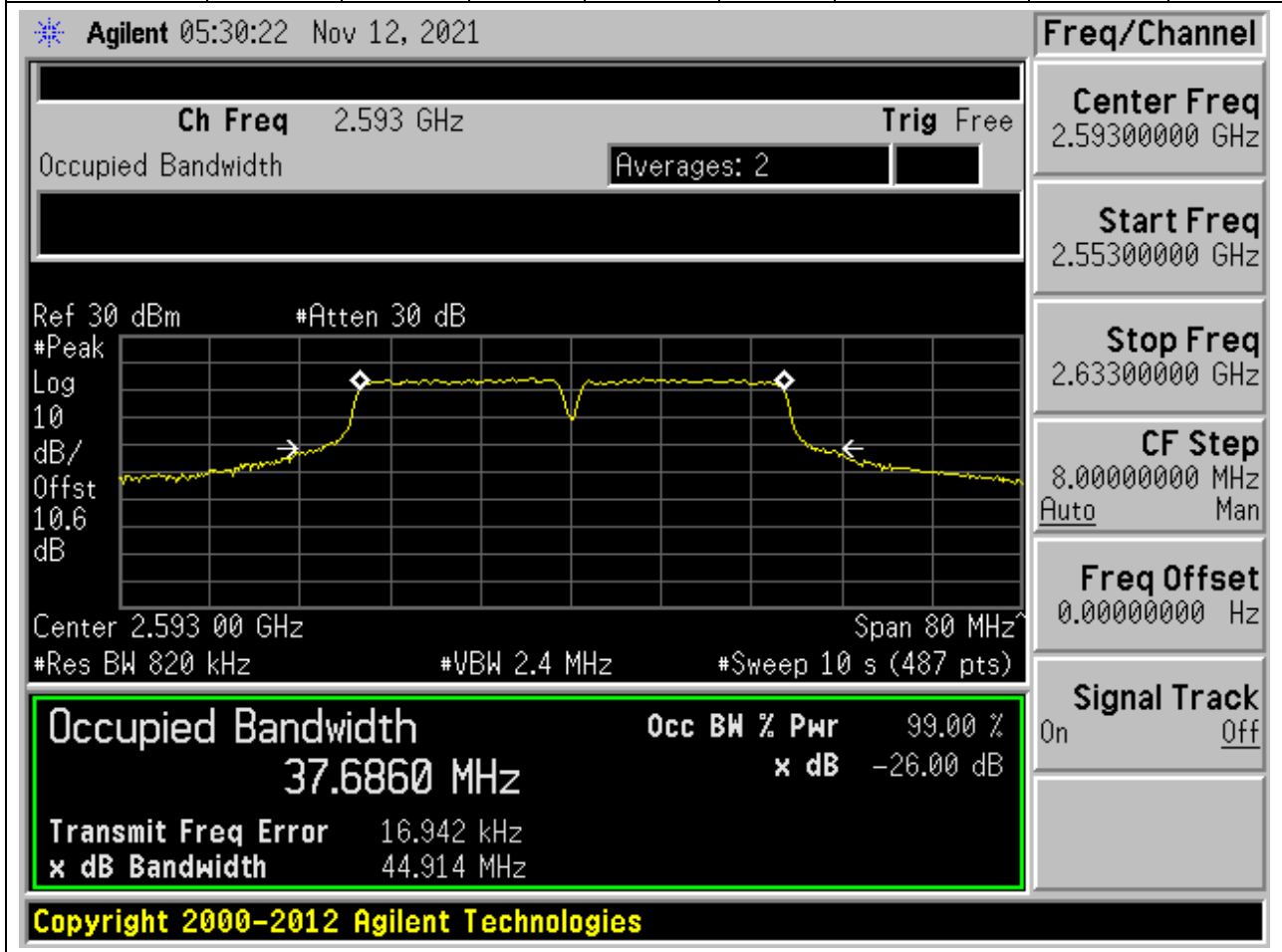
**22.15. CA Occupied Bandwidth(NTNV)(Subtest:15, Channel:40521+40719, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

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	37.75	41.74	40	Pass



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

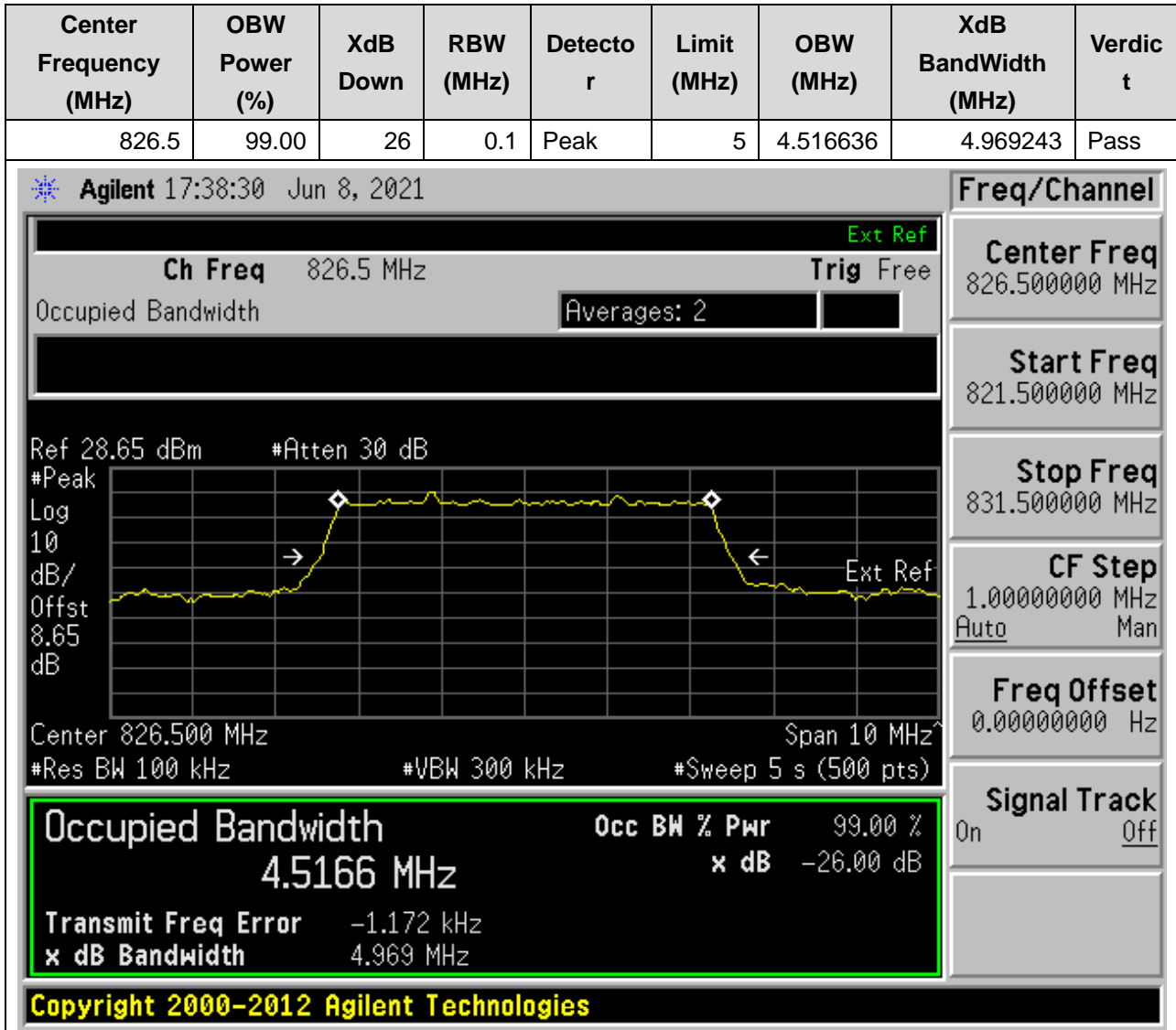
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.69	44.91	40	Pass





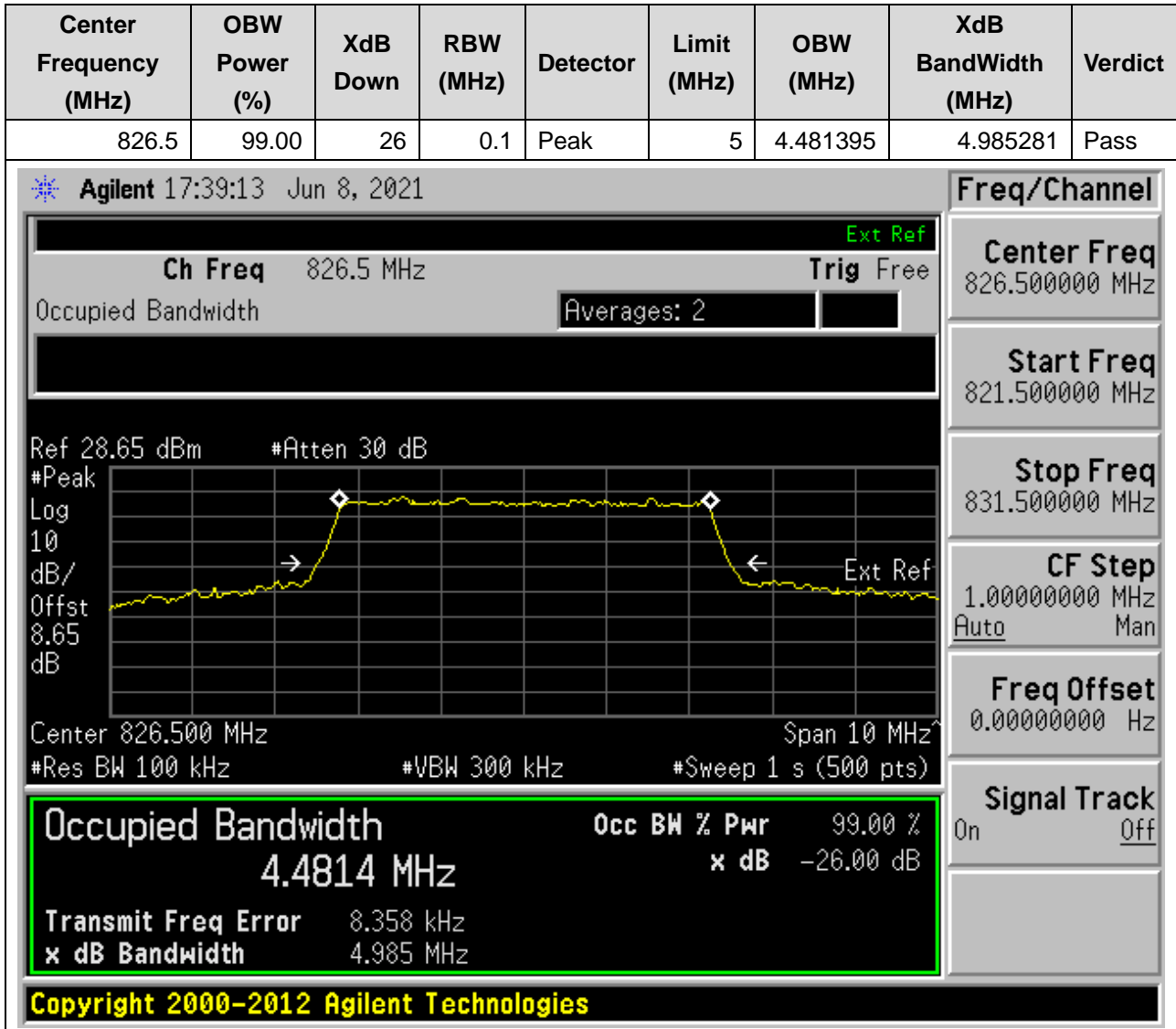
## 23. NR\_n5\_SCS15\_5M\_L\_Outer Full(Pi2-BPSK)

### 23.1. NR Occupied Bandwidth(NTNV)



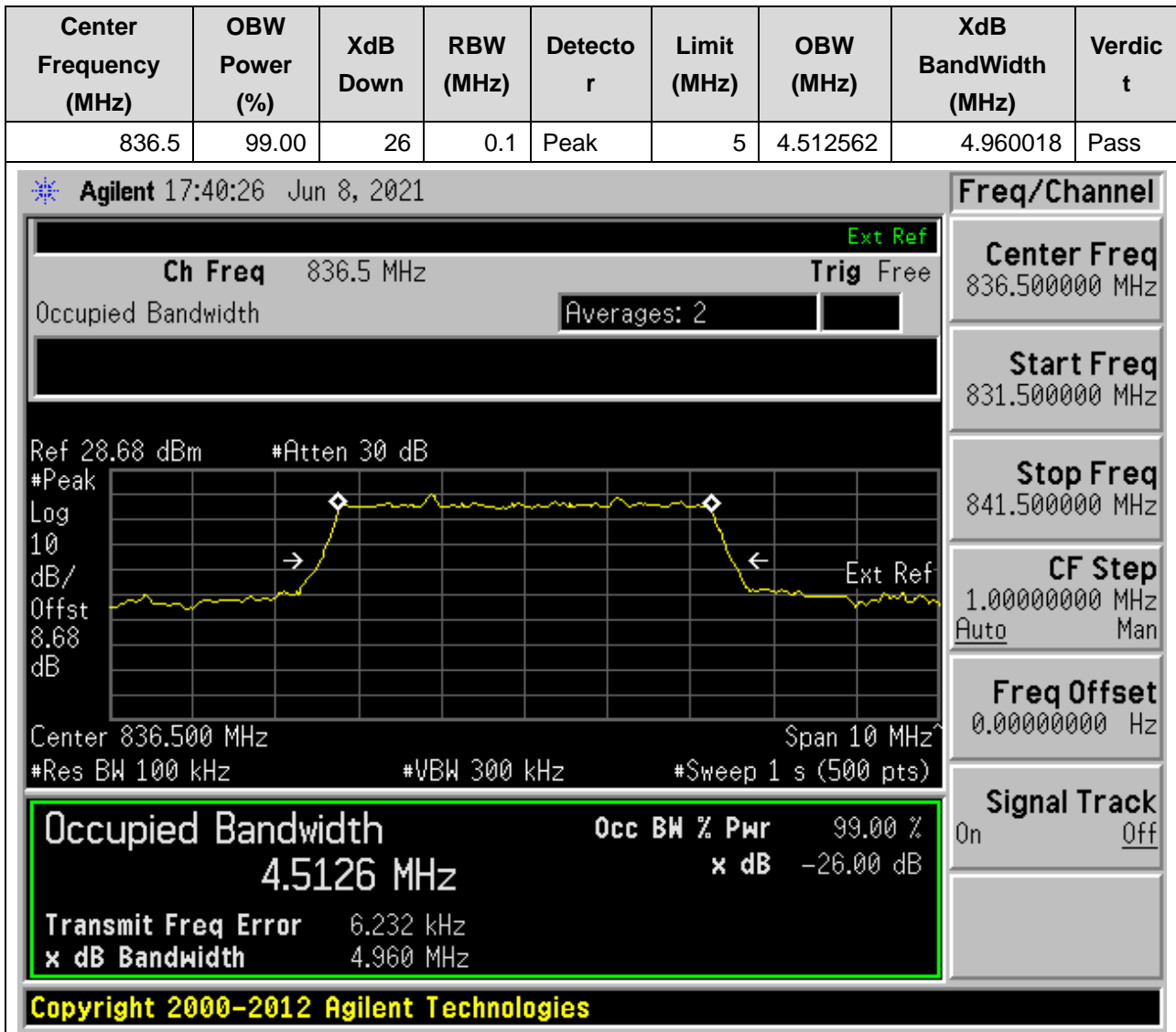
## 23. NR\_n5\_SCS15\_5M\_L\_Outer Full(QPSK)

### 23.2. NR Occupied Bandwidth(NTNV)



## 23. NR\_n5\_SCS15\_5M\_M\_Outer Full(Pi2-BPSK)

### 23.3. NR Occupied Bandwidth(NTNV)



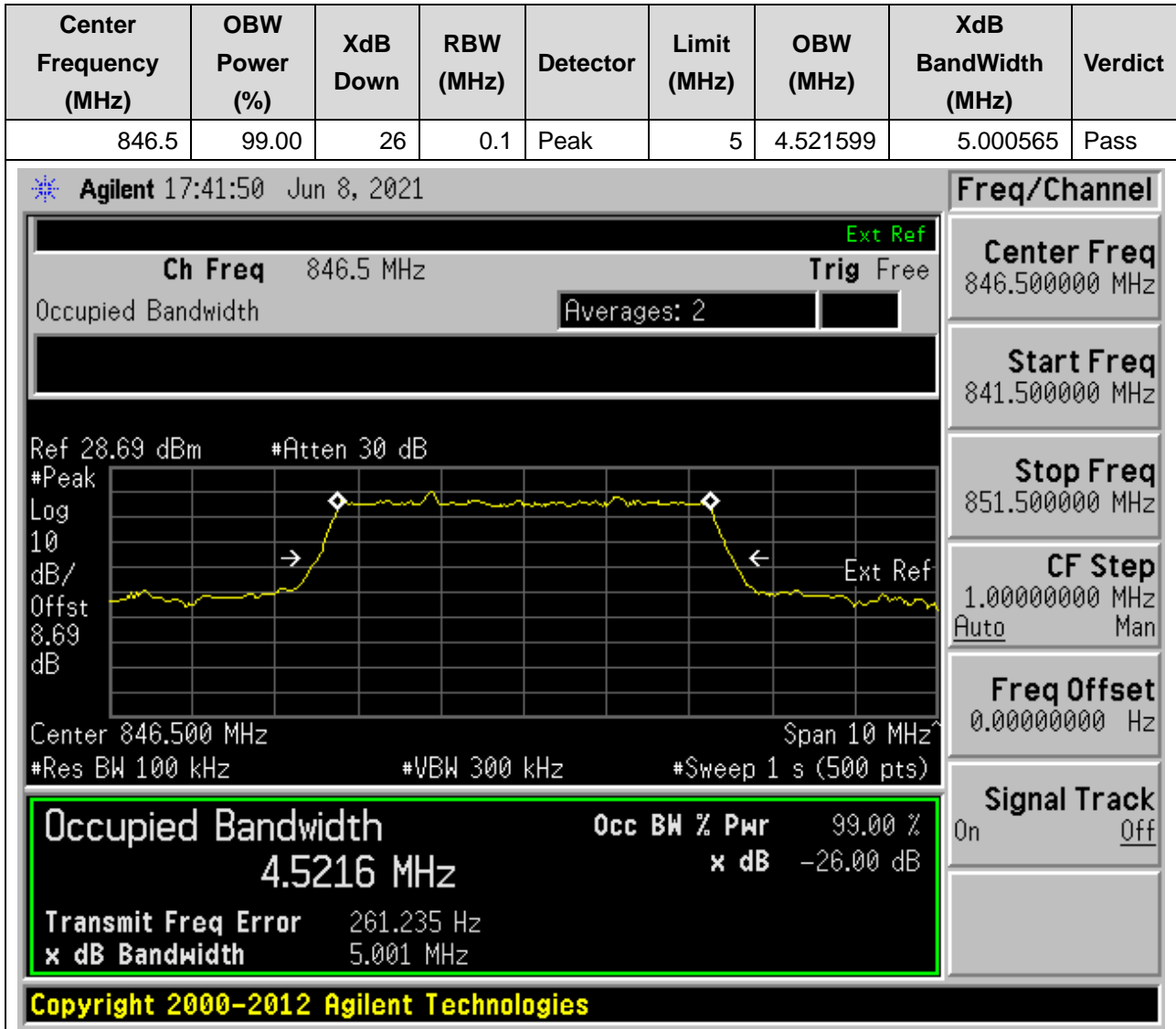
## 23. NR\_n5\_SCS15\_5M\_M\_Outer Full(QPSK)

### 23.4. NR Occupied Bandwidth(NTNV)



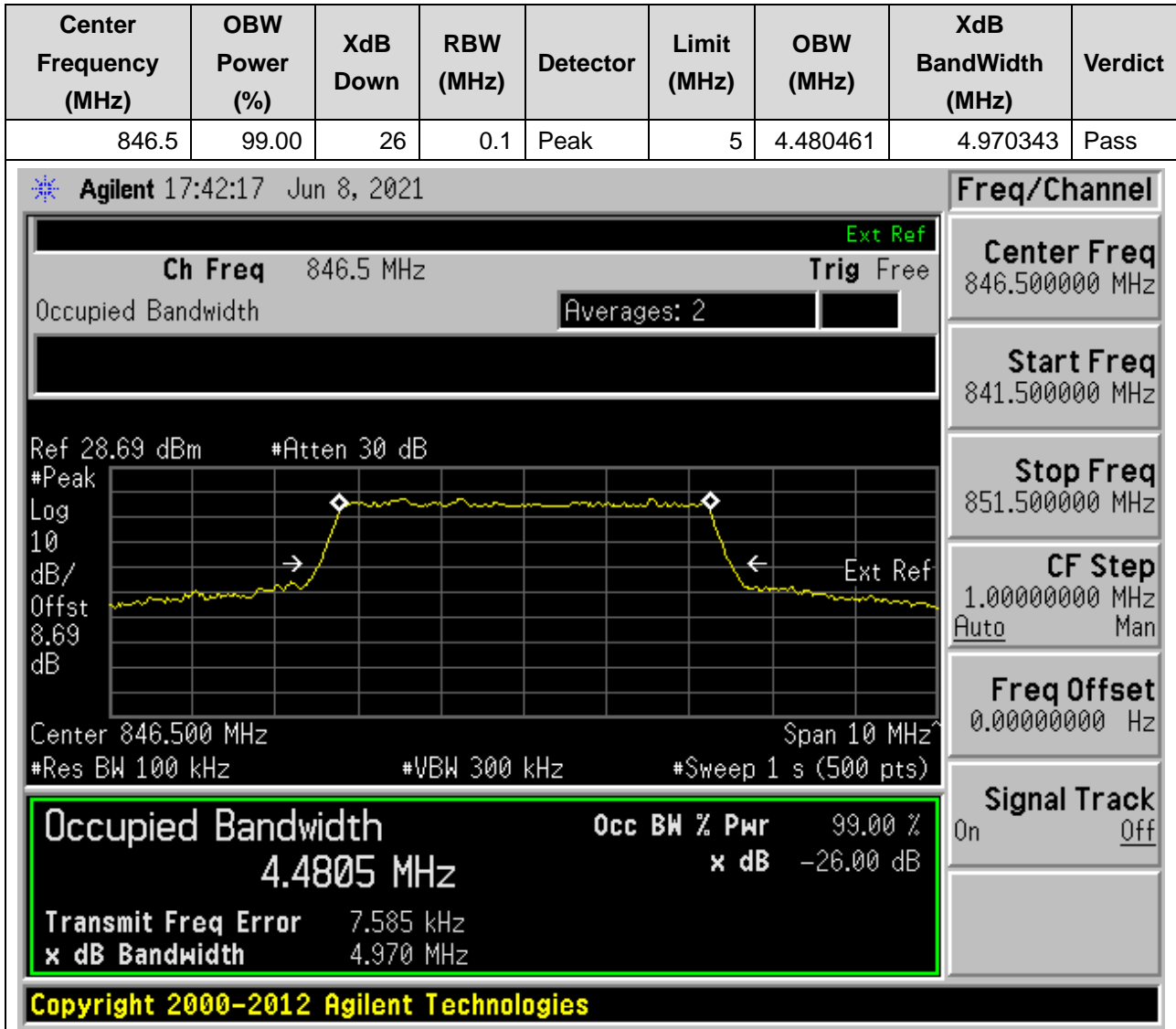
## 23. NR\_n5\_SCS15\_5M\_H\_Outer Full(Pi2-BPSK)

### 23.5. NR Occupied Bandwidth(NTNV)



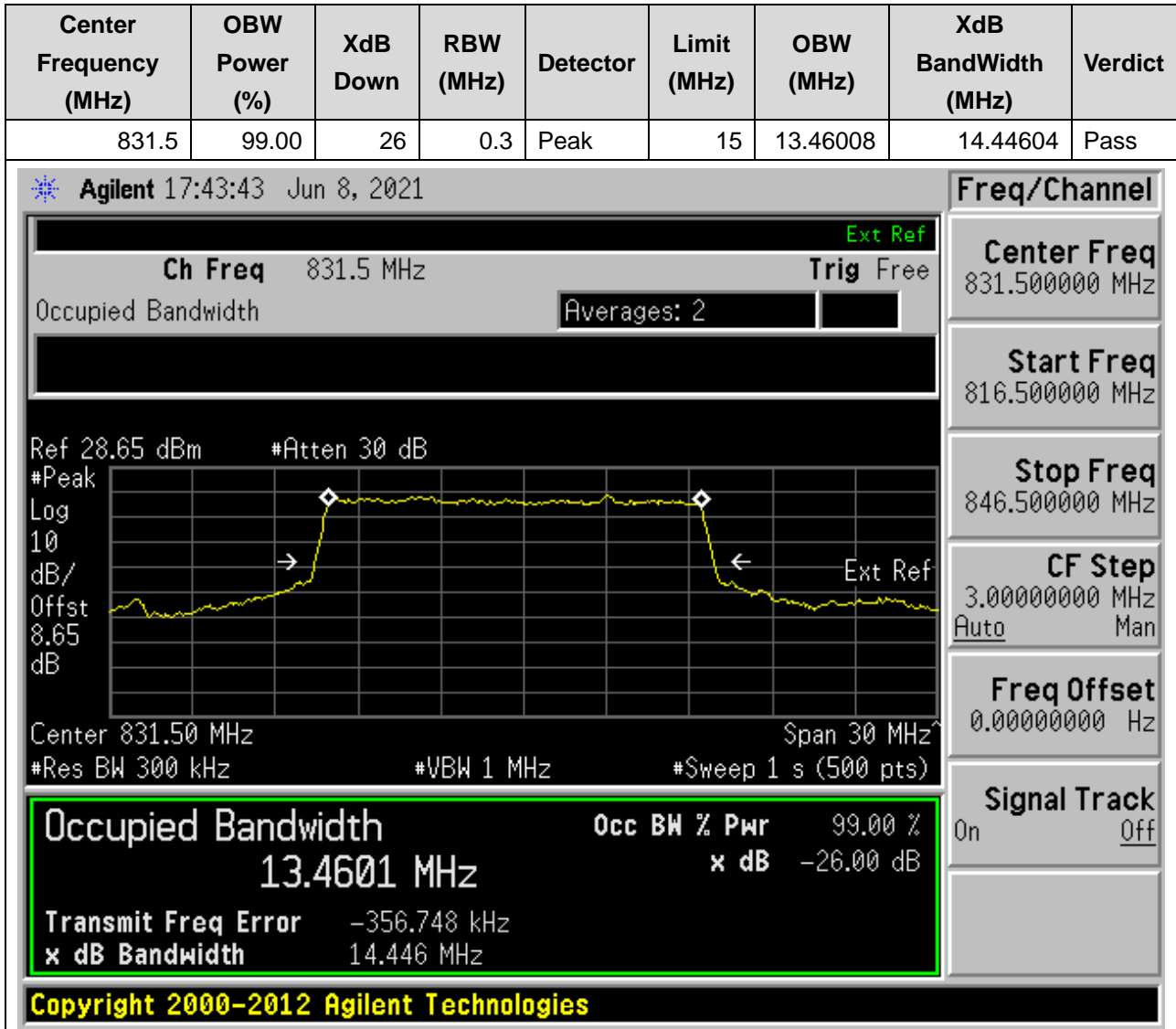
## 23. NR\_n5\_SCS15\_5M\_H\_Outer Full(QPSK)

### 23.6. NR Occupied Bandwidth(NTNV)



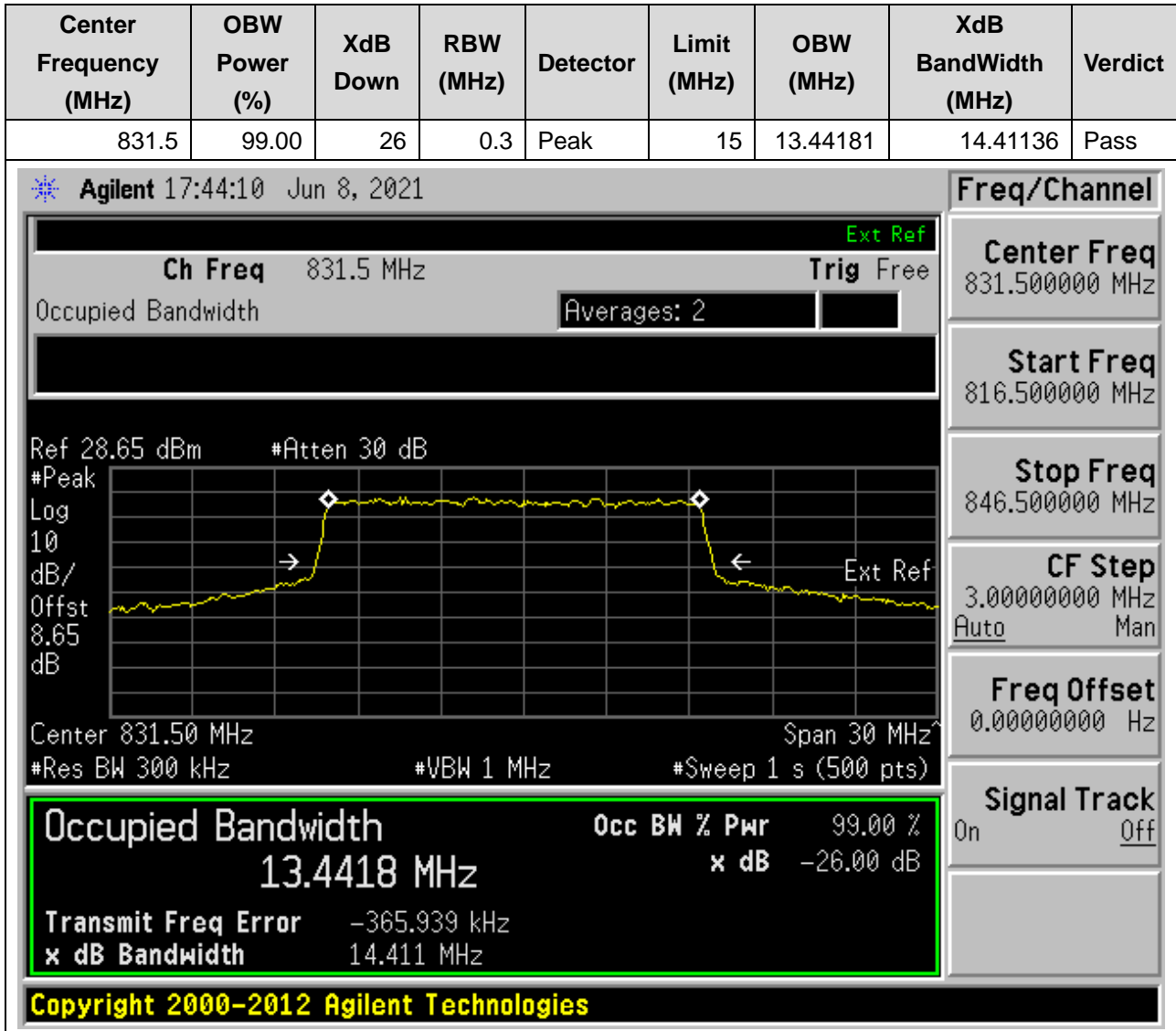
## 23. NR\_n5\_SCS15\_15M\_L\_Outer Full(Pi2-BPSK)

### 23.7. NR Occupied Bandwidth(NTNV)



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

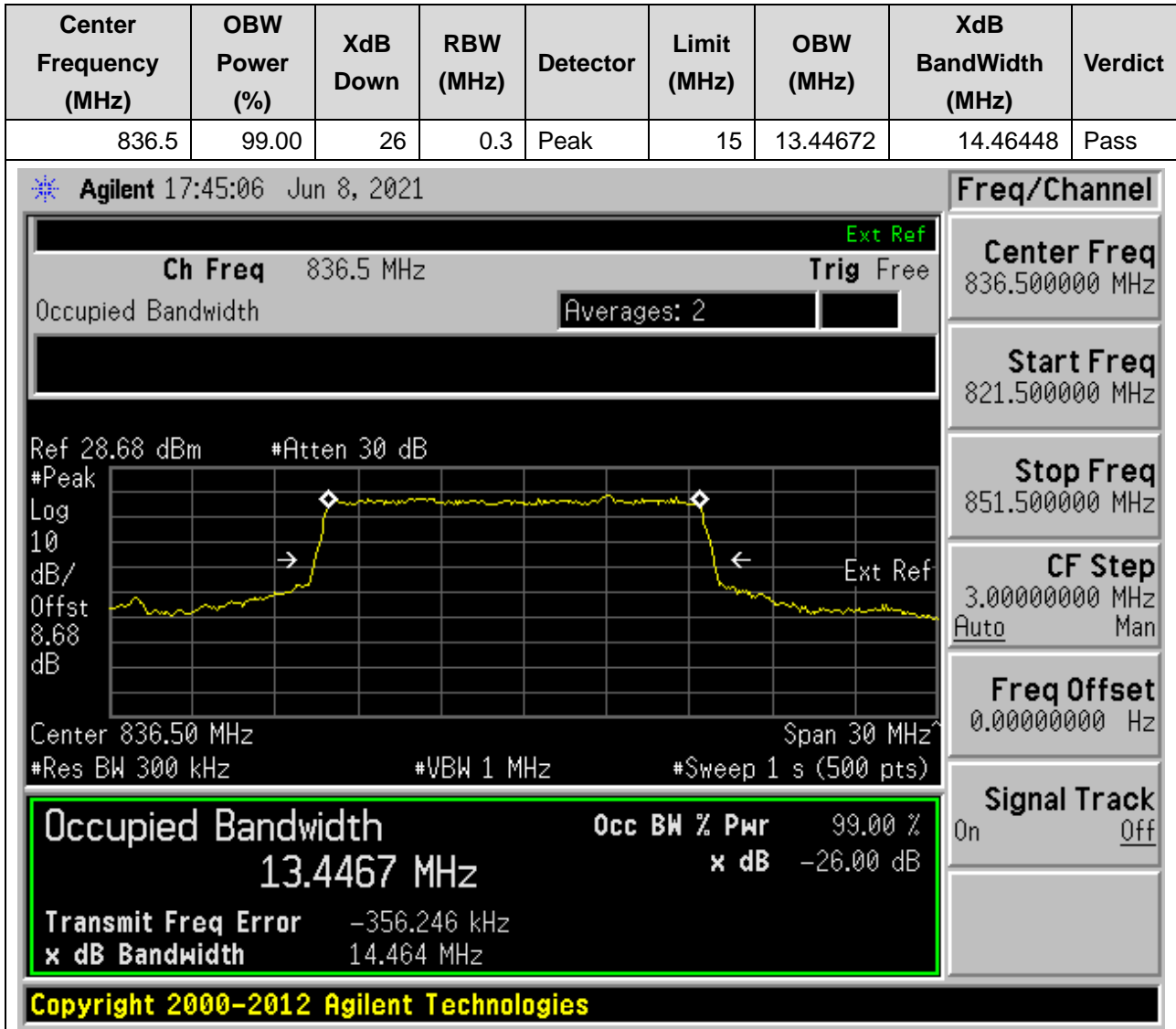
### 23.8. NR Occupied Bandwidth(NTNV)





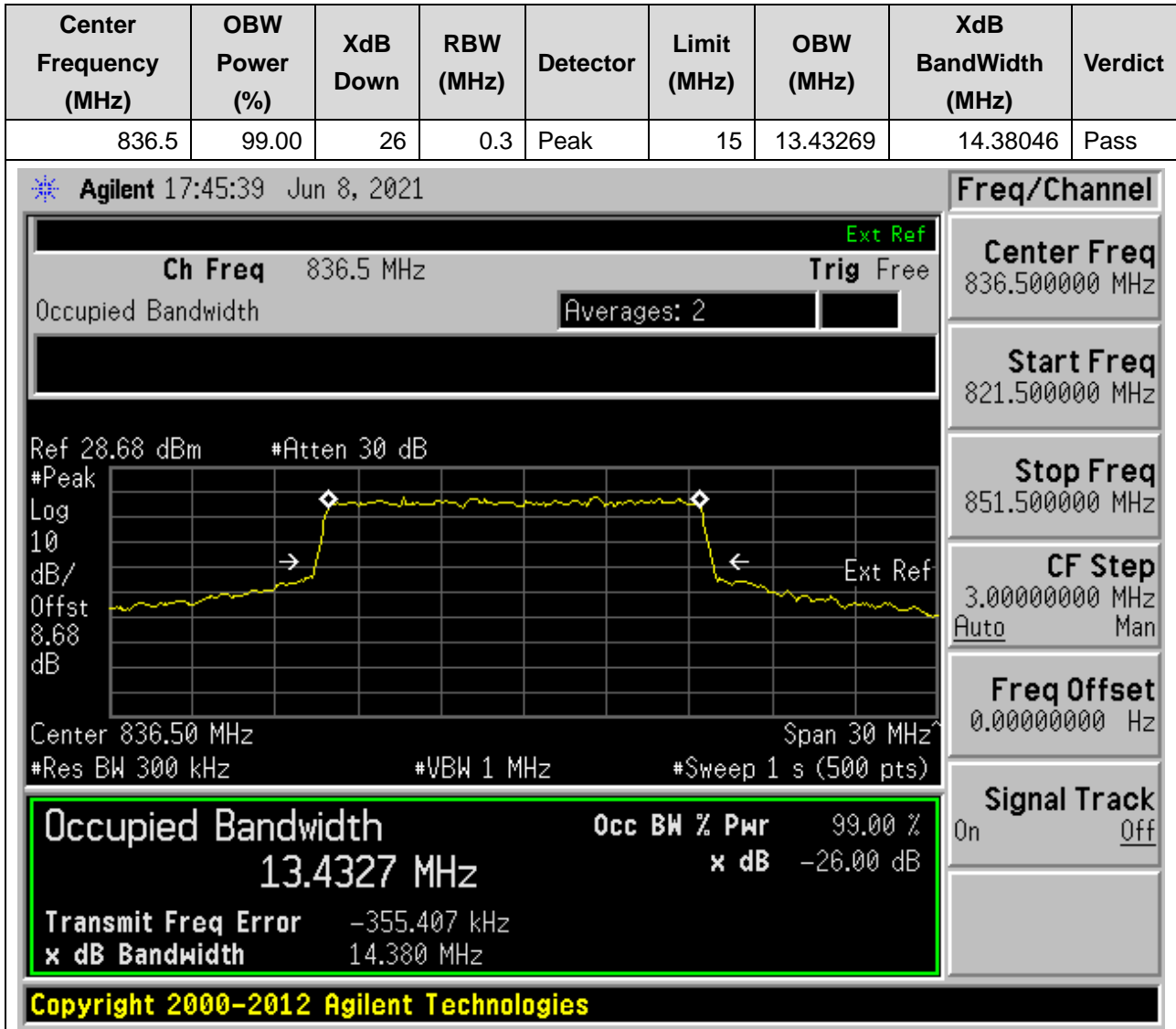
## 23. NR\_n5\_SCS15\_15M\_M\_Outer Full(Pi2-BPSK)

### 23.9. NR Occupied Bandwidth(NTNV)



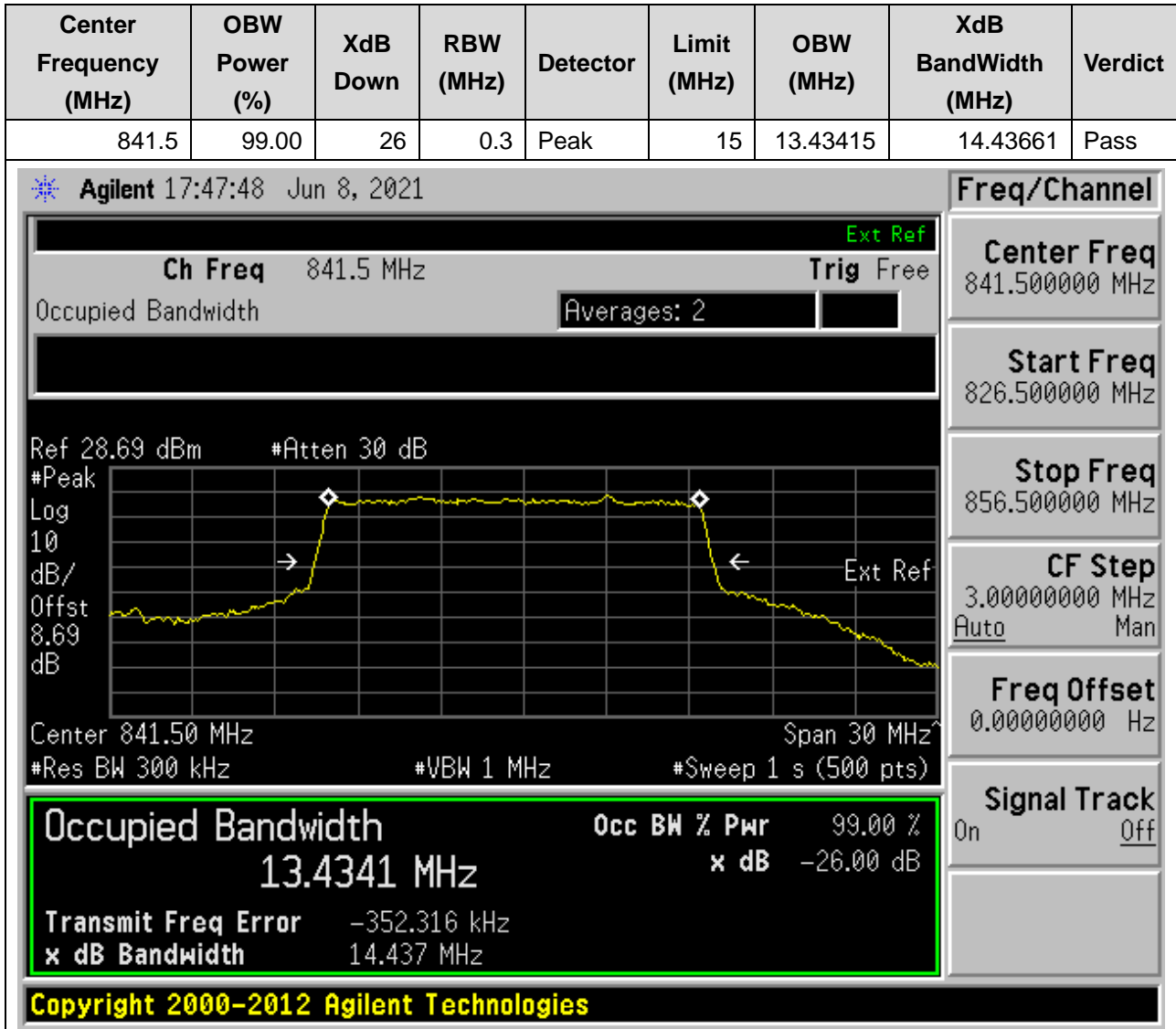
## 23. NR\_n5\_SCS15\_15M\_M\_Outer Full(QPSK)

### 23.10. NR Occupied Bandwidth(NTNV)



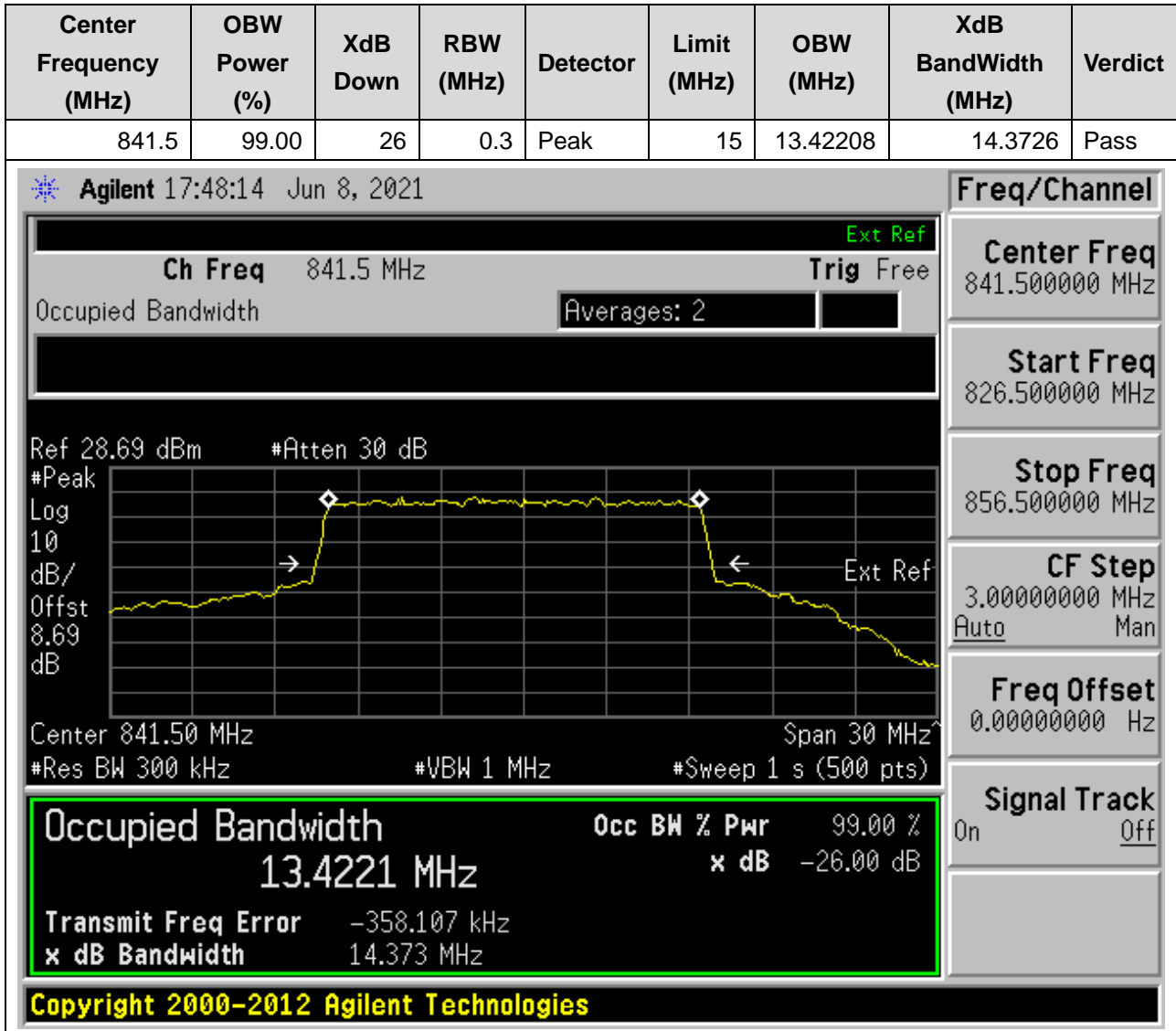
## 23. NR\_n5\_SCS15\_15M\_H\_Outer Full(Pi2-BPSK)

### 23.11. NR Occupied Bandwidth(NTNV)



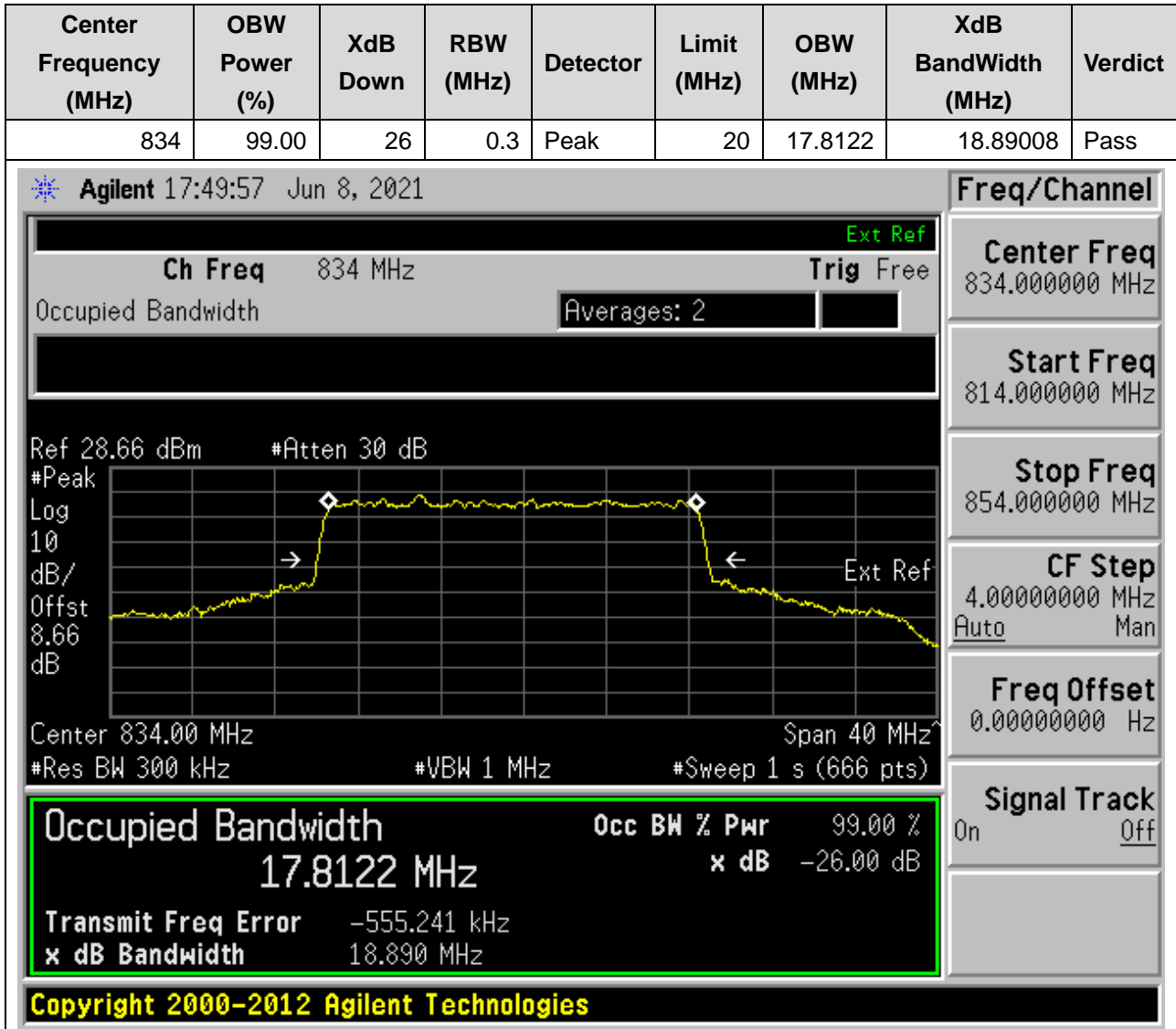
## 23. NR\_n5\_SCS15\_15M\_H\_Outer Full(QPSK)

### 23.12. NR Occupied Bandwidth(NTNV)



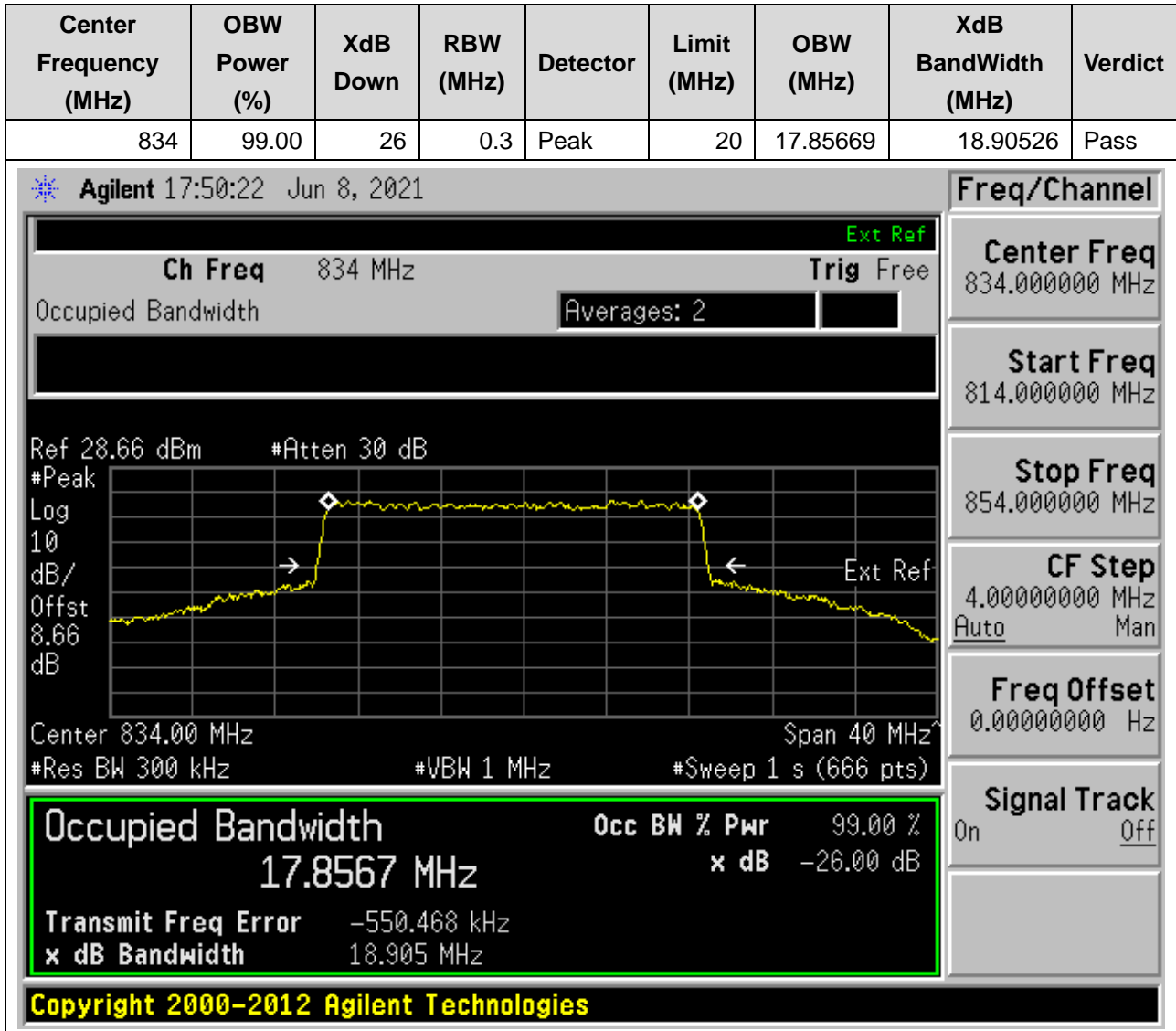
## 23. NR\_n5\_SCS15\_20M\_L\_Outer Full(Pi2-BPSK)

### 23.13. NR Occupied Bandwidth(NTNV)



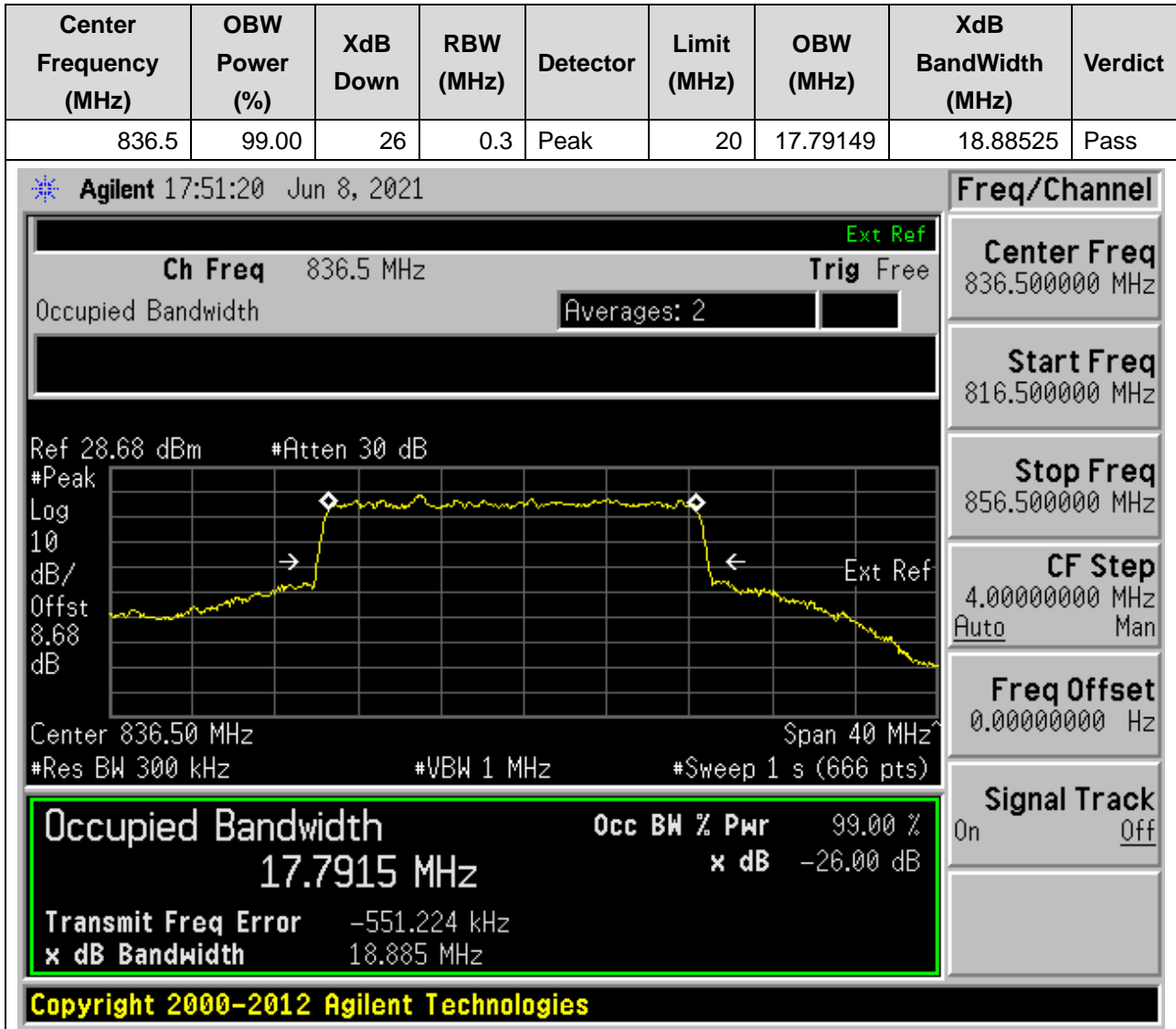
## 23. NR\_n5\_SCS15\_20M\_L\_Outer Full(QPSK)

### 23.14. NR Occupied Bandwidth(NTNV)



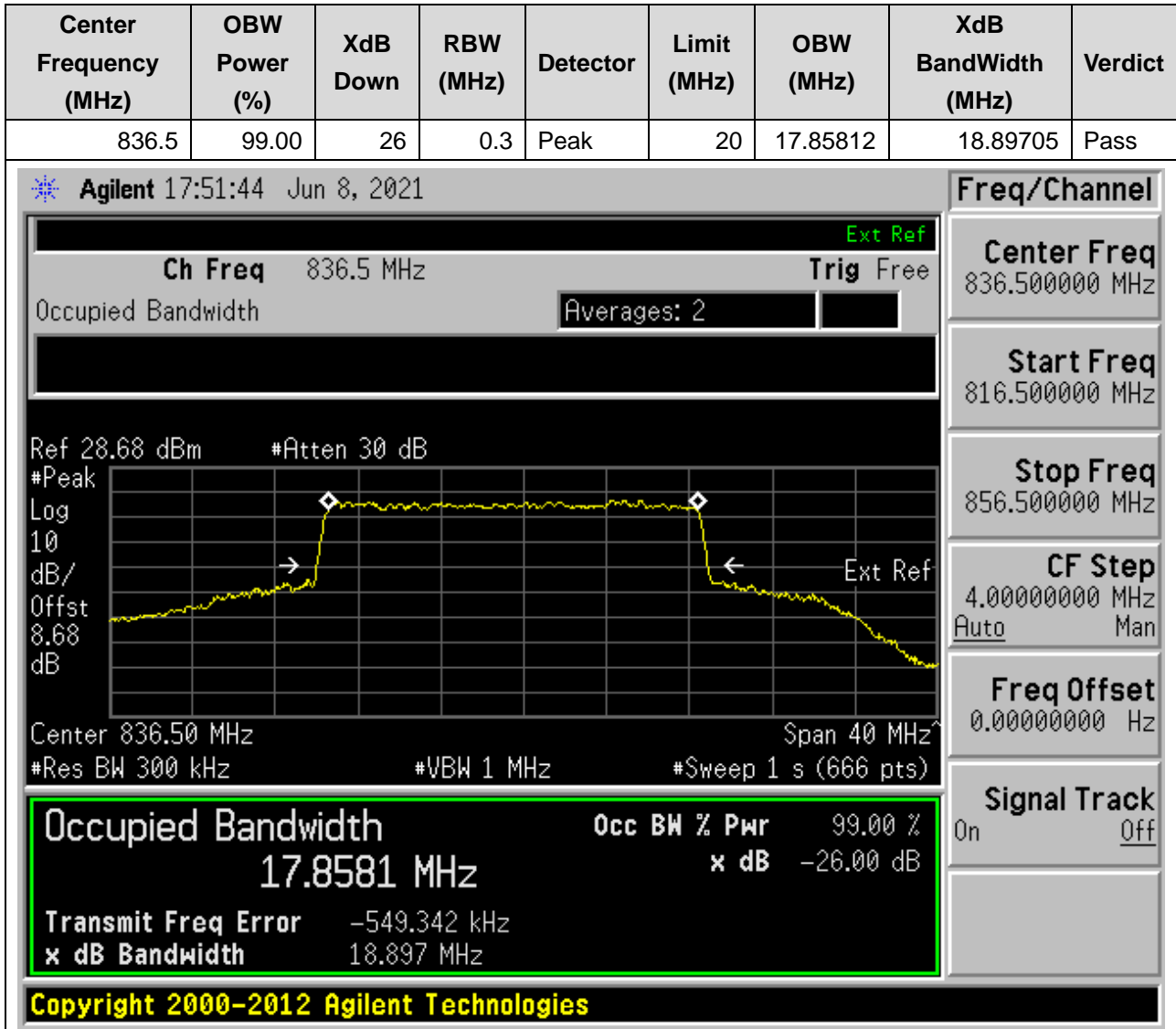
## 23. NR\_n5\_SCS15\_20M\_M\_Outer Full(Pi2-BPSK)

### 23.15. NR Occupied Bandwidth(NTNV)



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

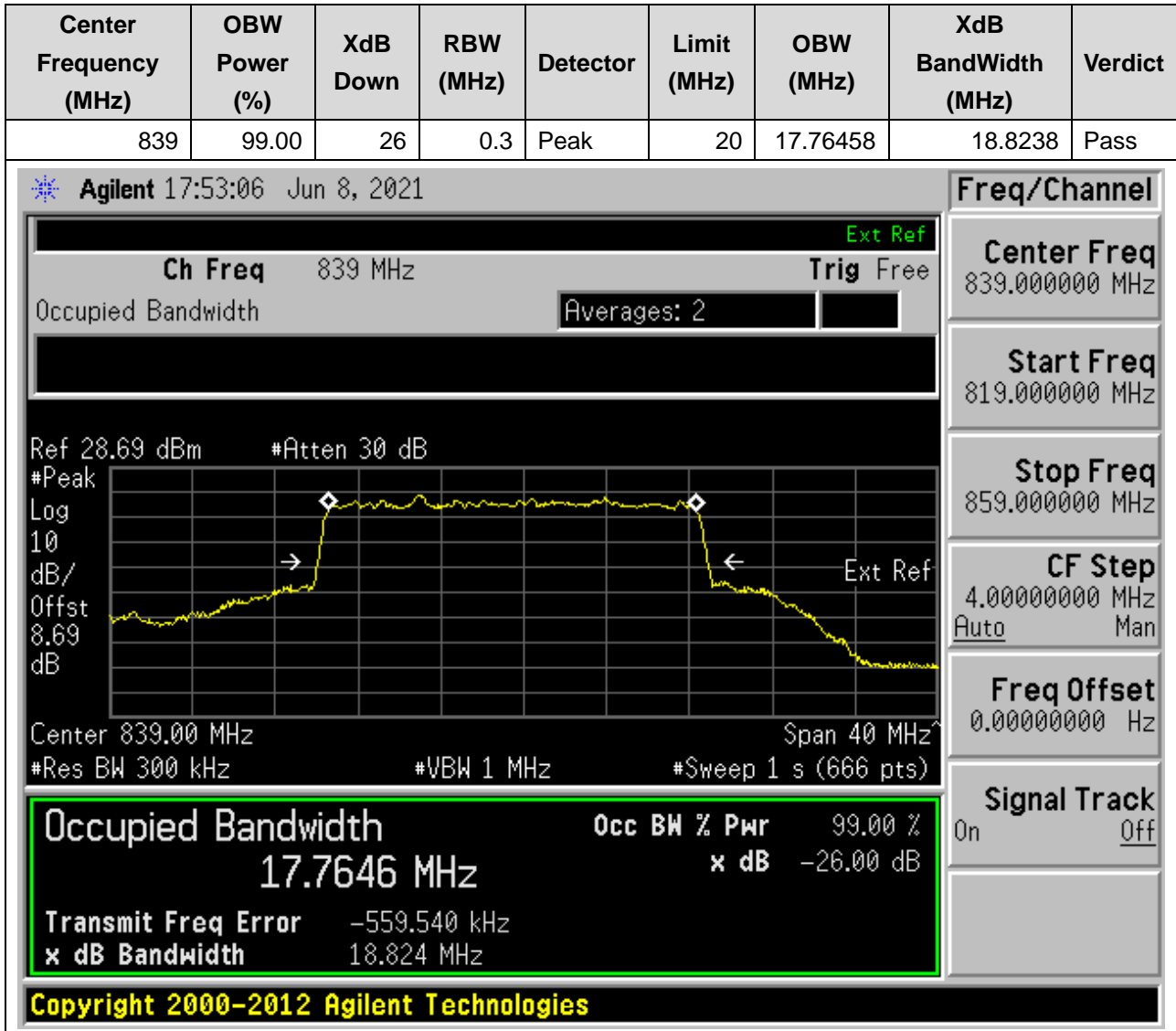
### 23.16. NR Occupied Bandwidth(NTNV)





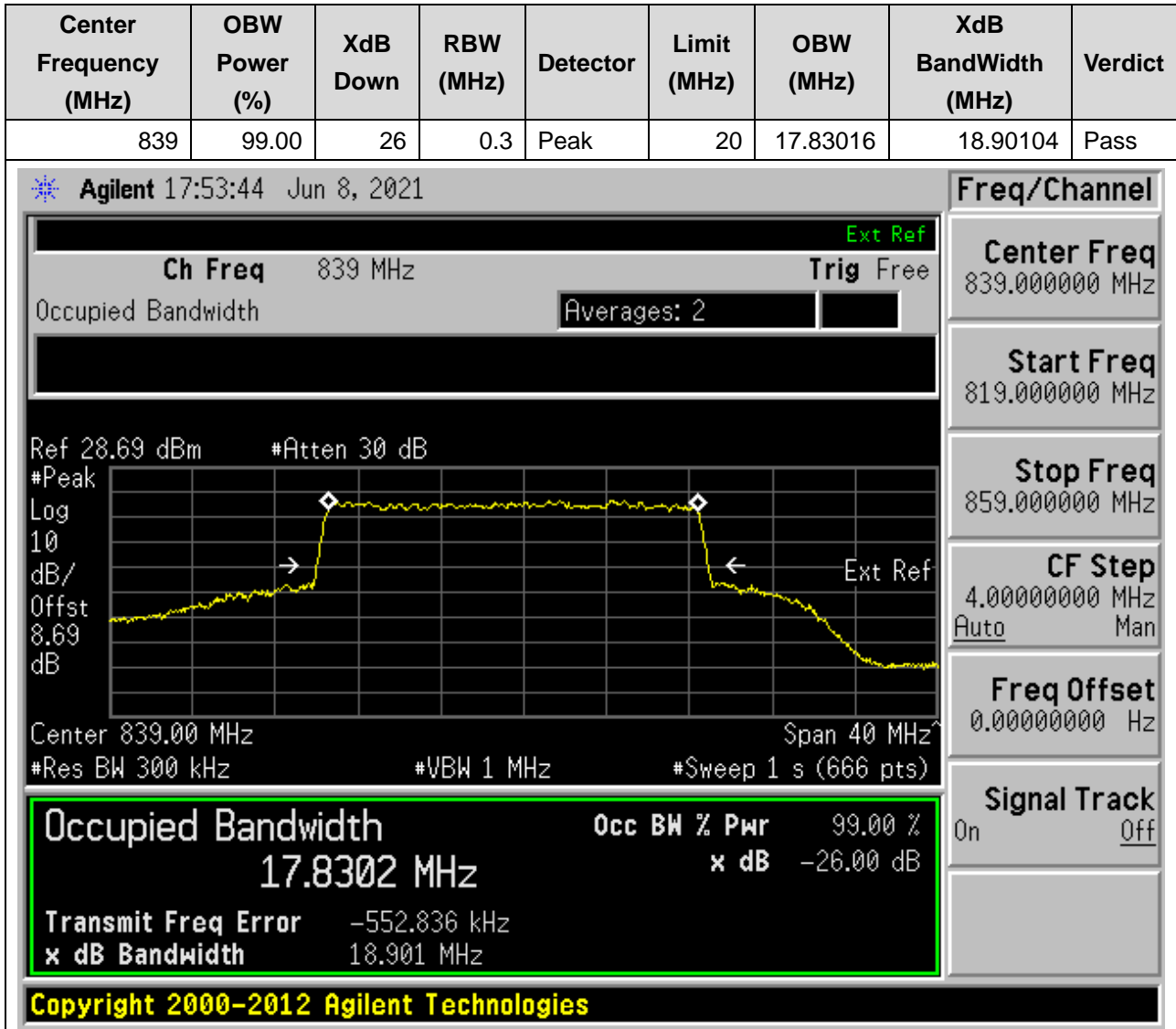
## 23. NR\_n5\_SCS15\_20M\_H\_Outer Full(Pi2-BPSK)

### 23.17. NR Occupied Bandwidth(NTNV)



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

### 23.18. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_5M\_L\_Outer Full(Pi2-BPSK)

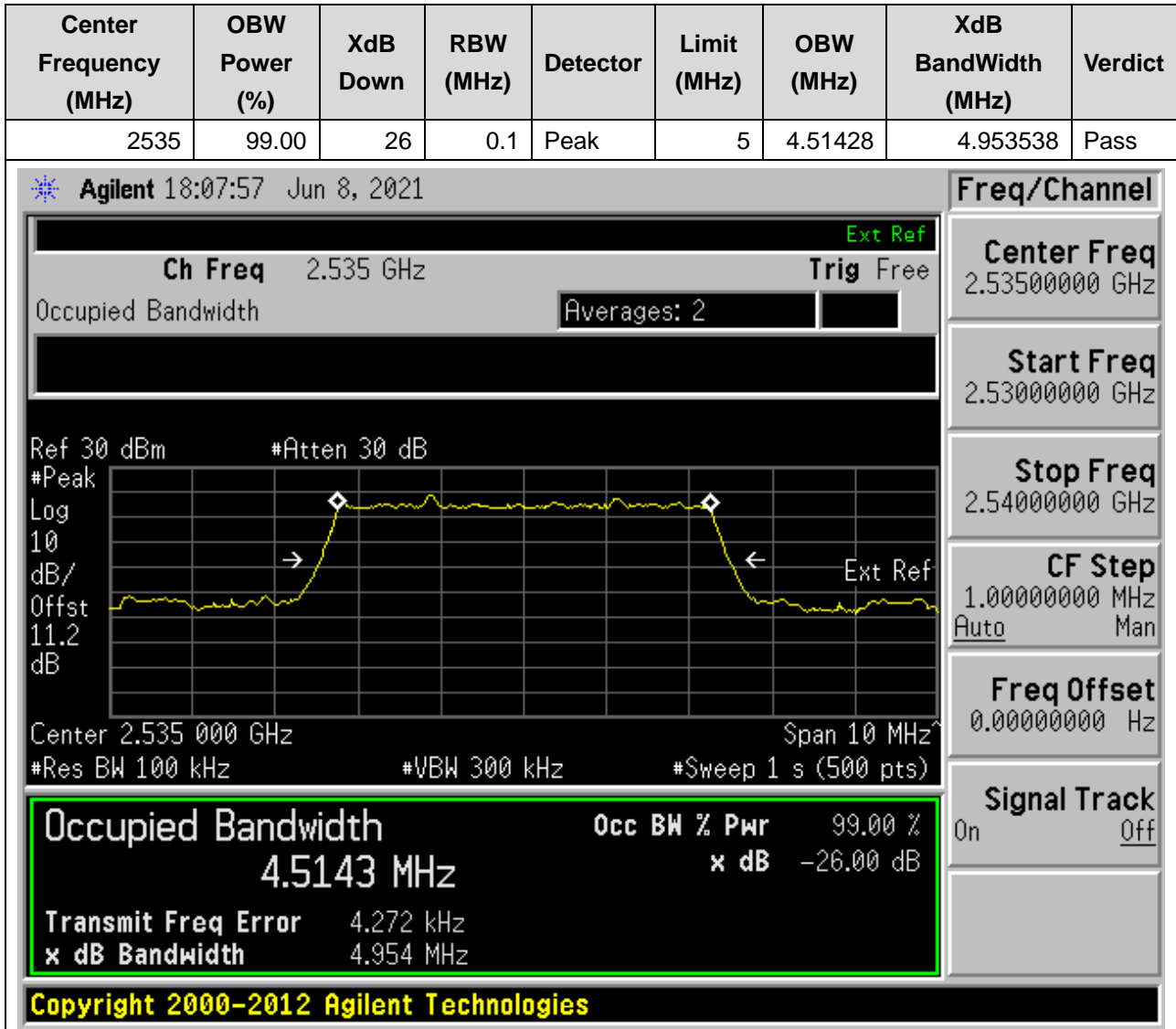
### 24.1. NR Occupied Bandwidth(NTNV)





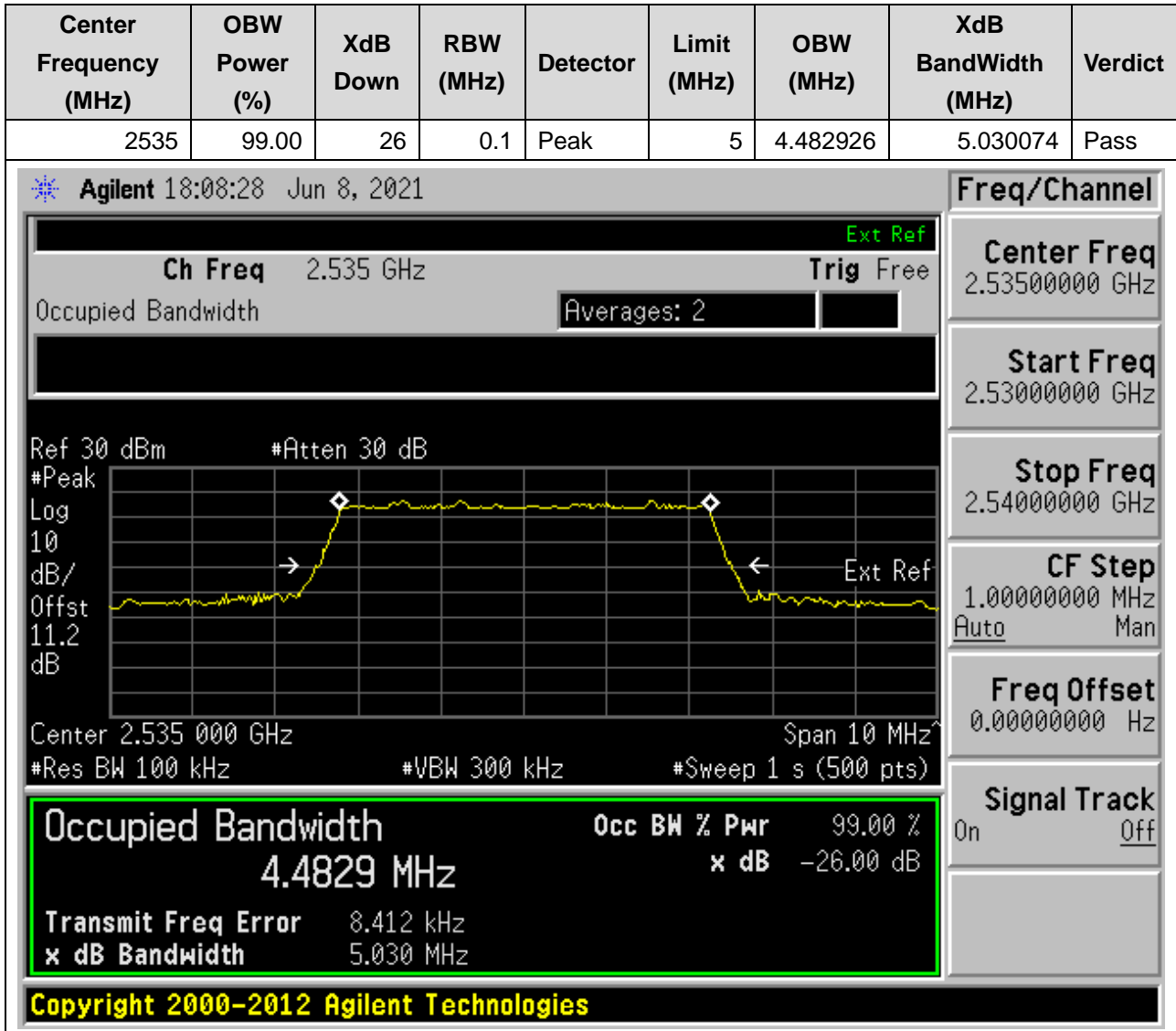
## 24. NR\_n7\_SCS15\_5M\_M\_Outer Full(Pi2-BPSK)

### 24.3. NR Occupied Bandwidth(NTNV)



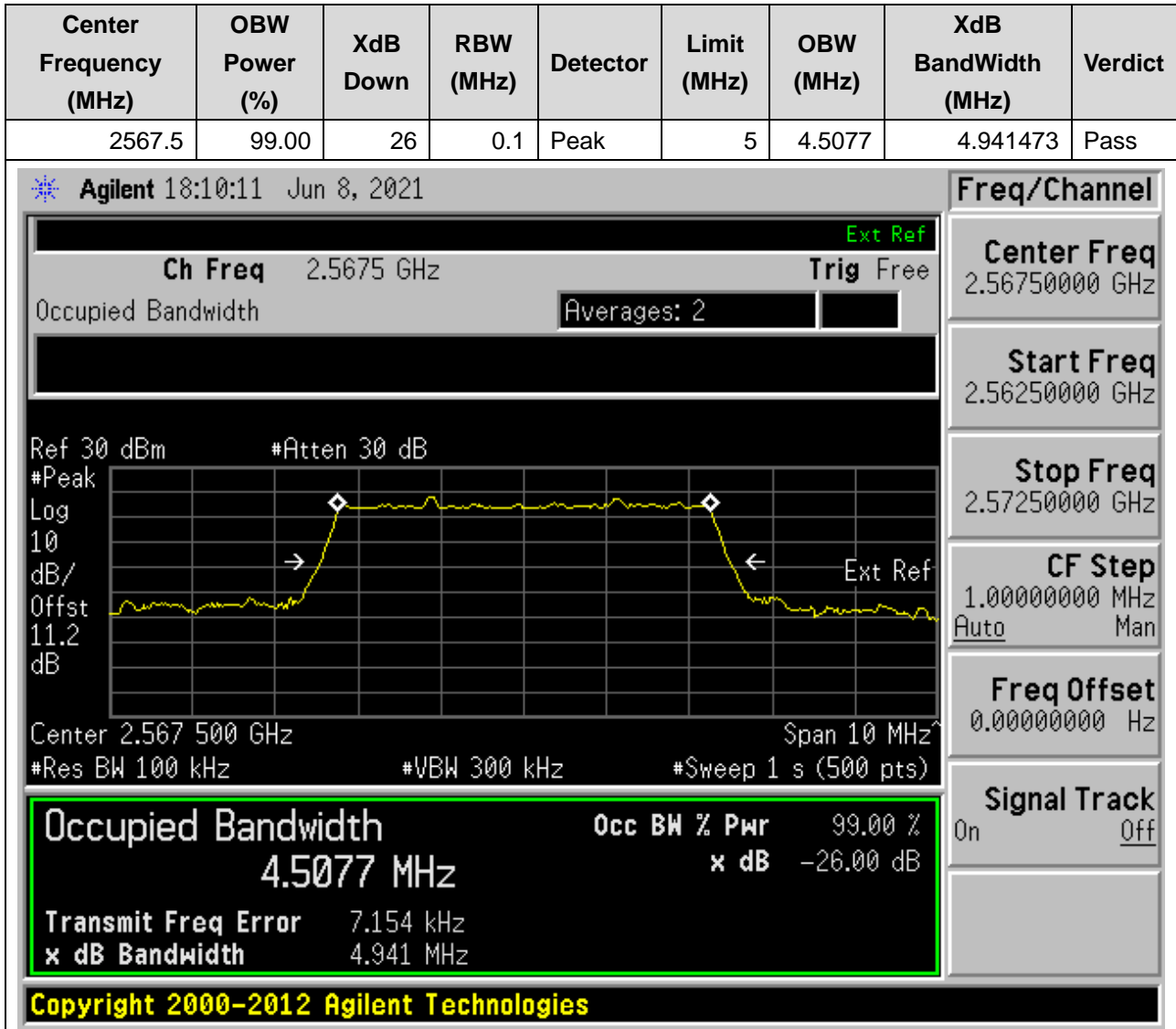
## 24. NR\_n7\_SCS15\_5M\_M\_Outer Full(QPSK)

### 24.4. NR Occupied Bandwidth(NTNV)



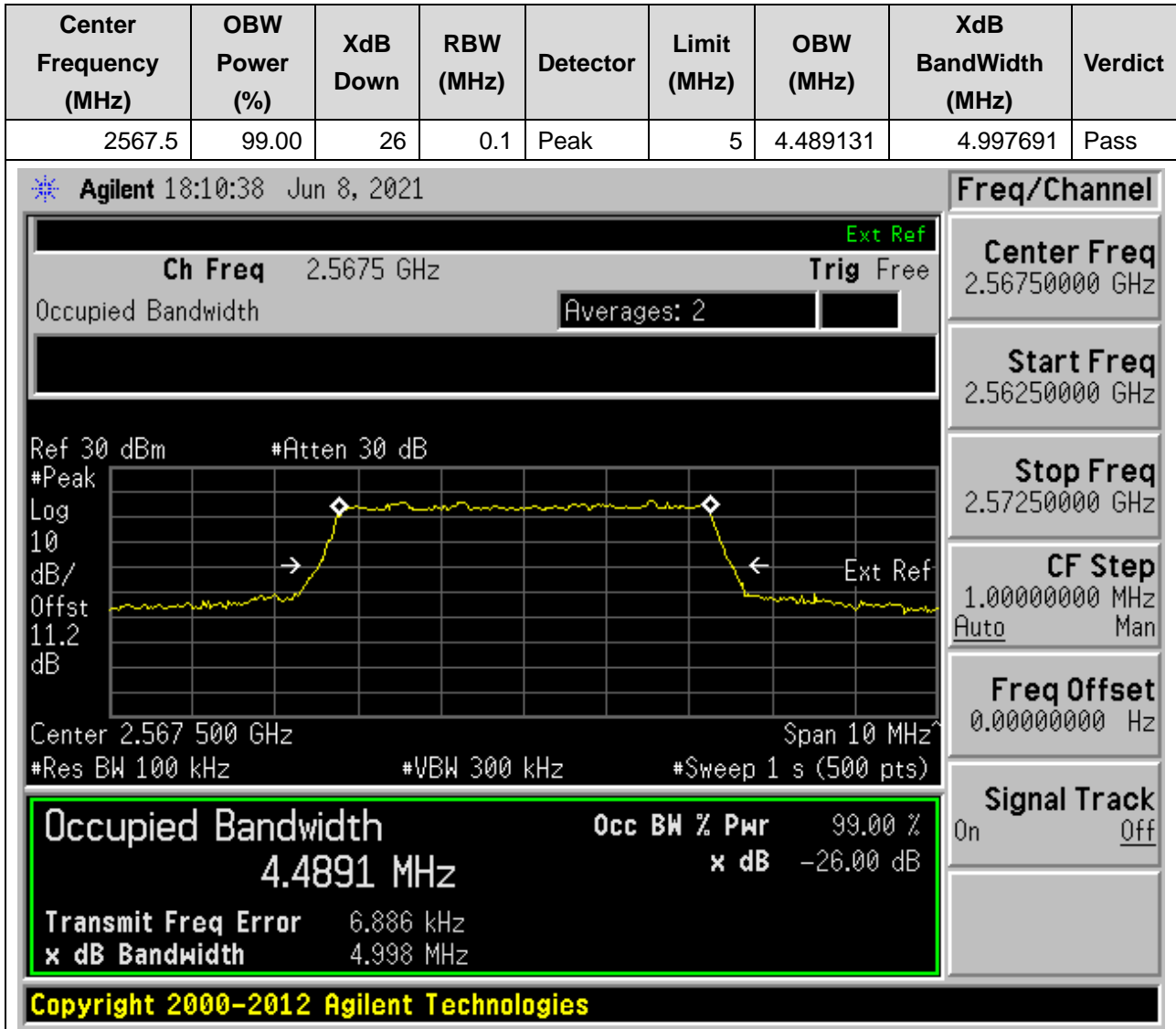
## 24. NR\_n7\_SCS15\_5M\_H\_Outer Full(Pi2-BPSK)

### 24.5. NR Occupied Bandwidth(NTNV)



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

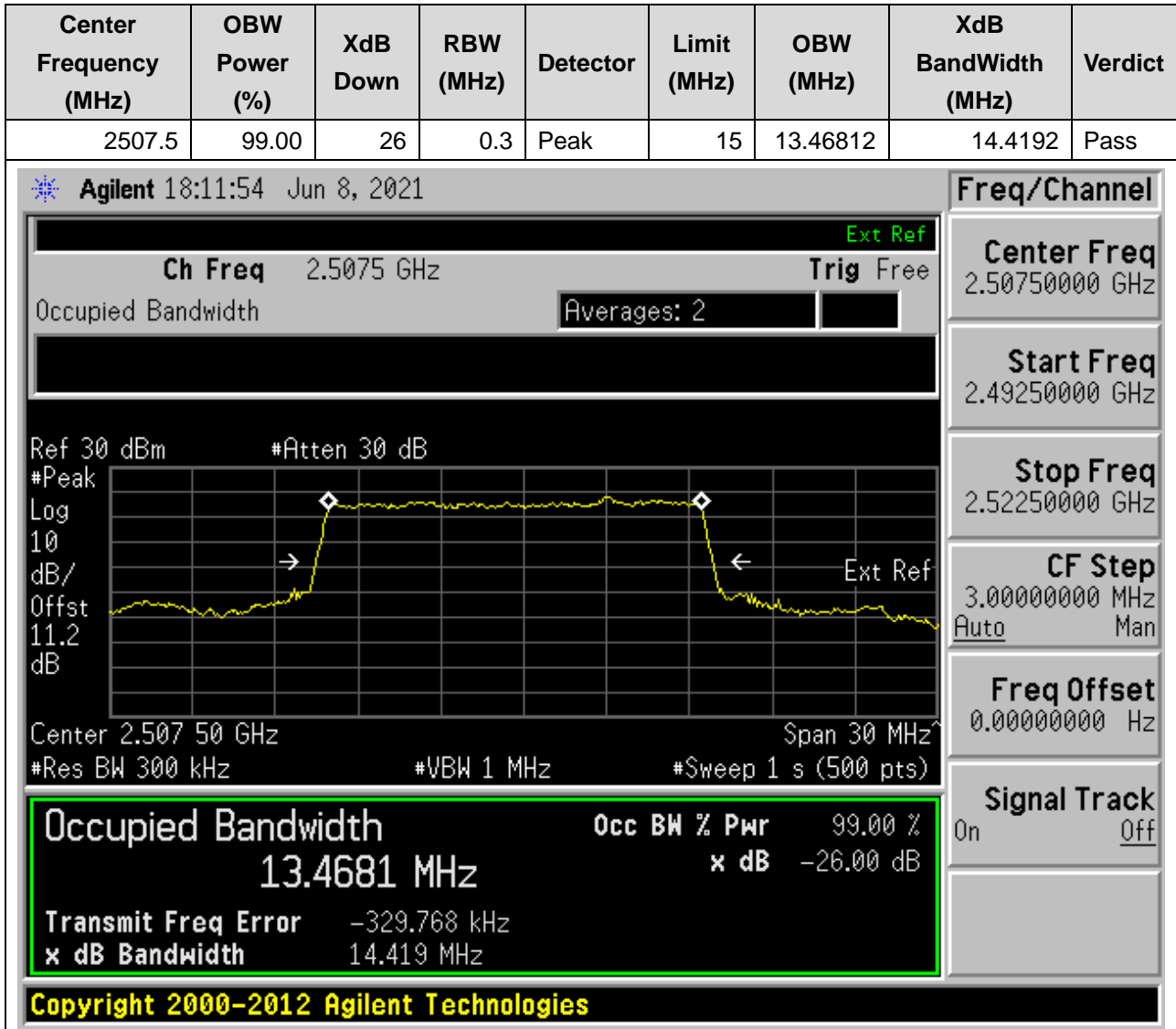
### 24.6. NR Occupied Bandwidth(NTNV)





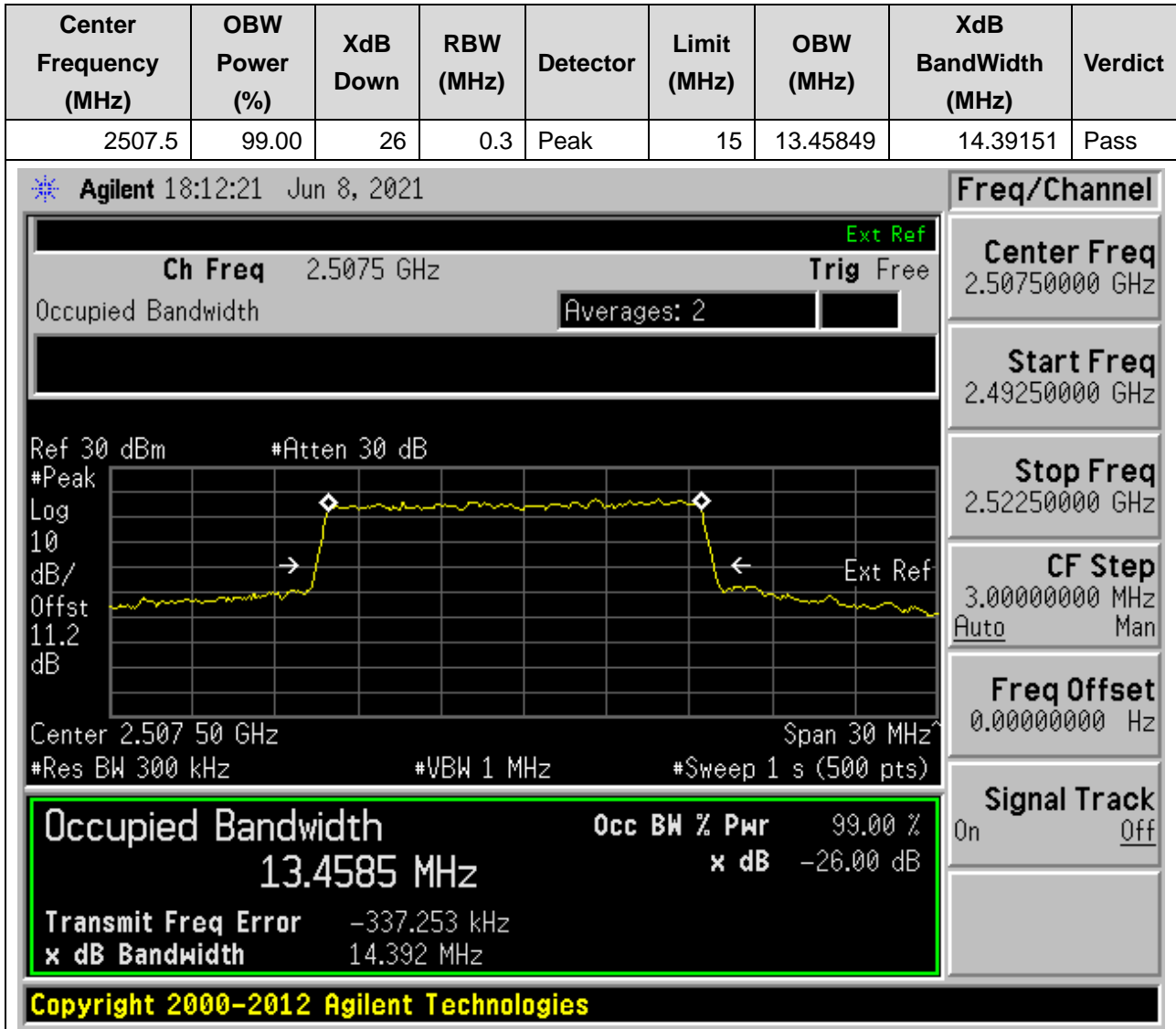
## 24. NR\_n7\_SCS15\_15M\_L\_Outer Full(Pi2-BPSK)

### 24.7. NR Occupied Bandwidth(NTNV)



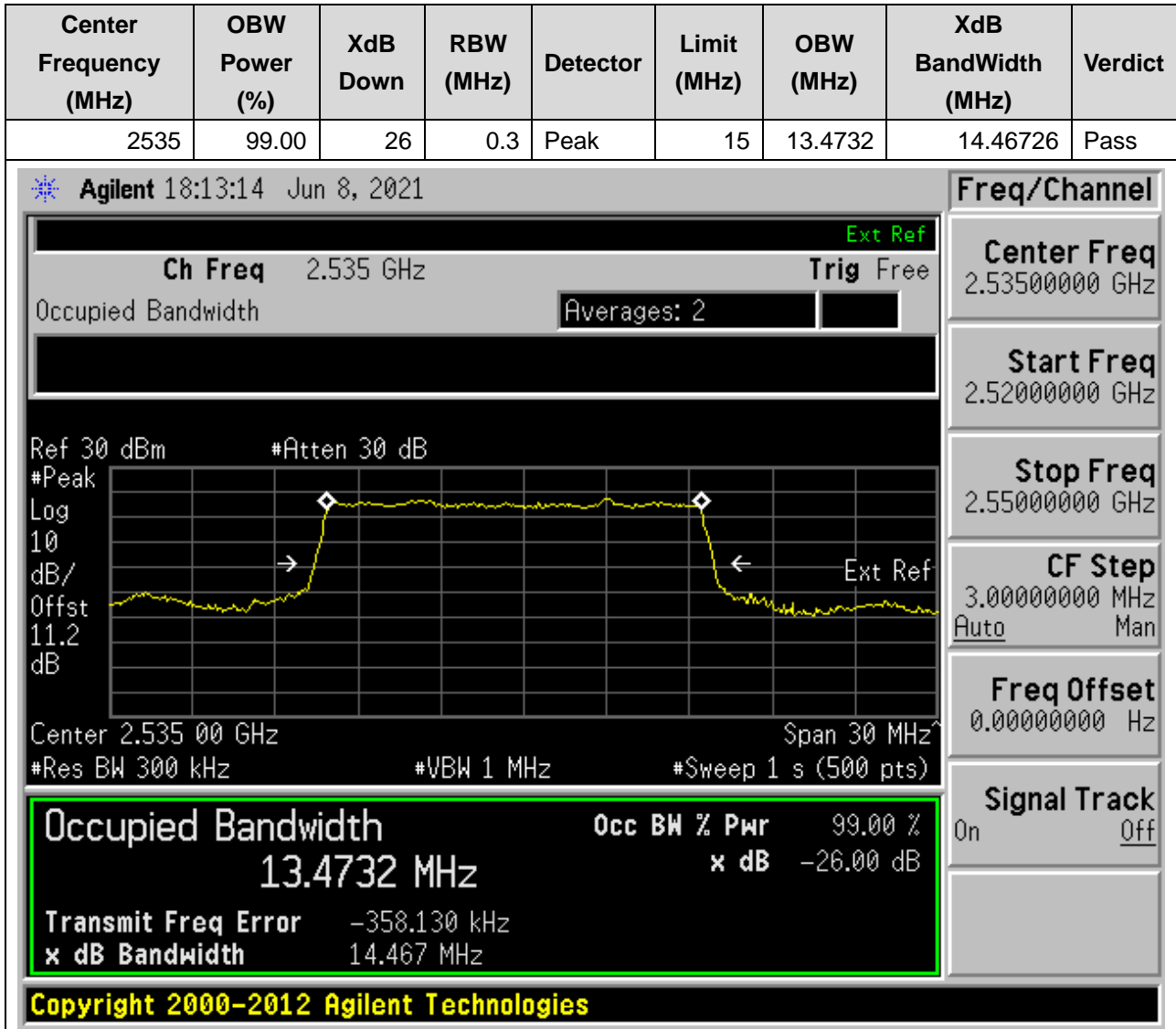
## 24. NR\_n7\_SCS15\_15M\_L\_Outer Full(QPSK)

### 24.8. NR Occupied Bandwidth(NTNV)



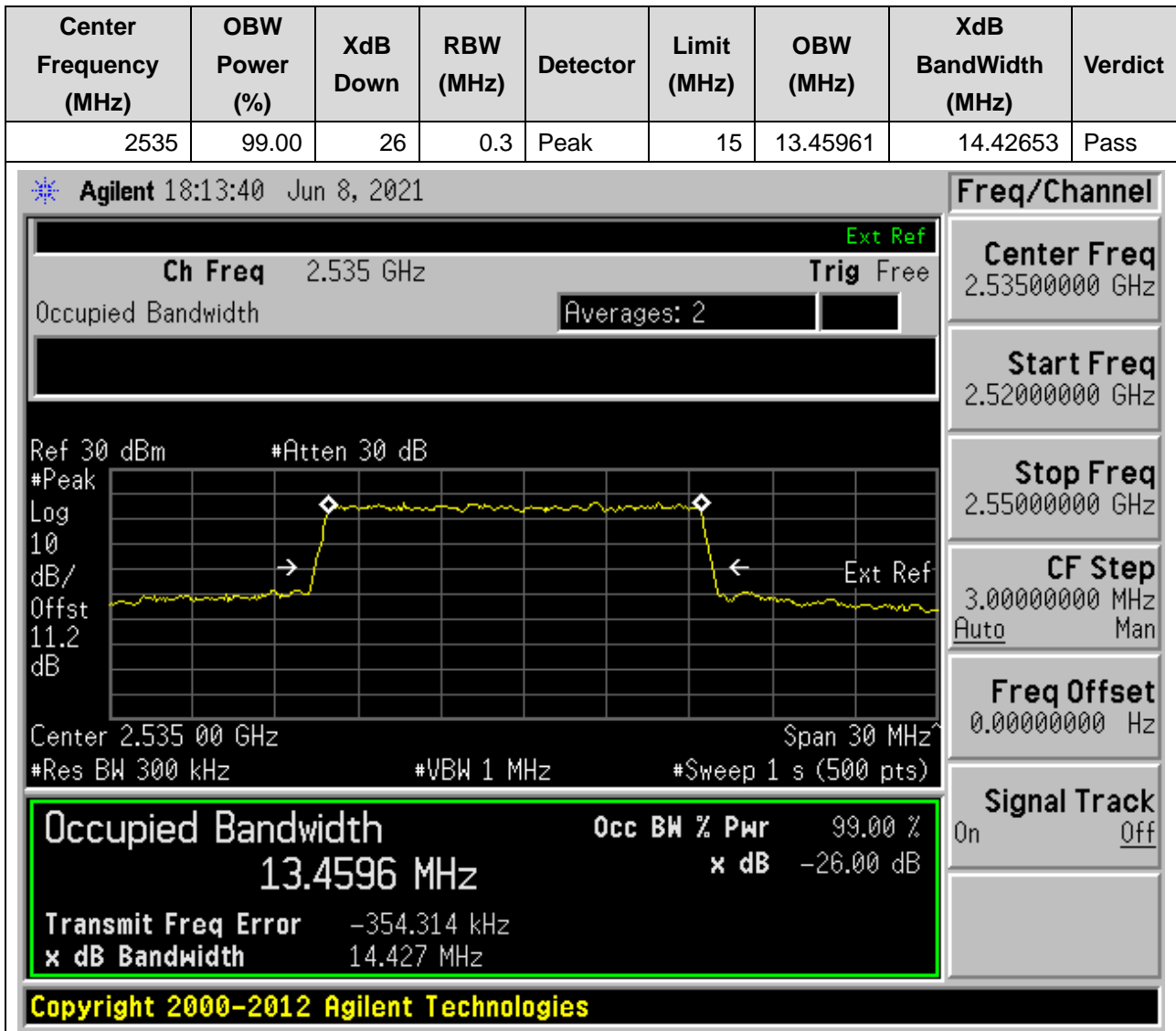
## 24. NR\_n7\_SCS15\_15M\_M\_Outer Full(Pi2-BPSK)

### 24.9. NR Occupied Bandwidth(NTNV)



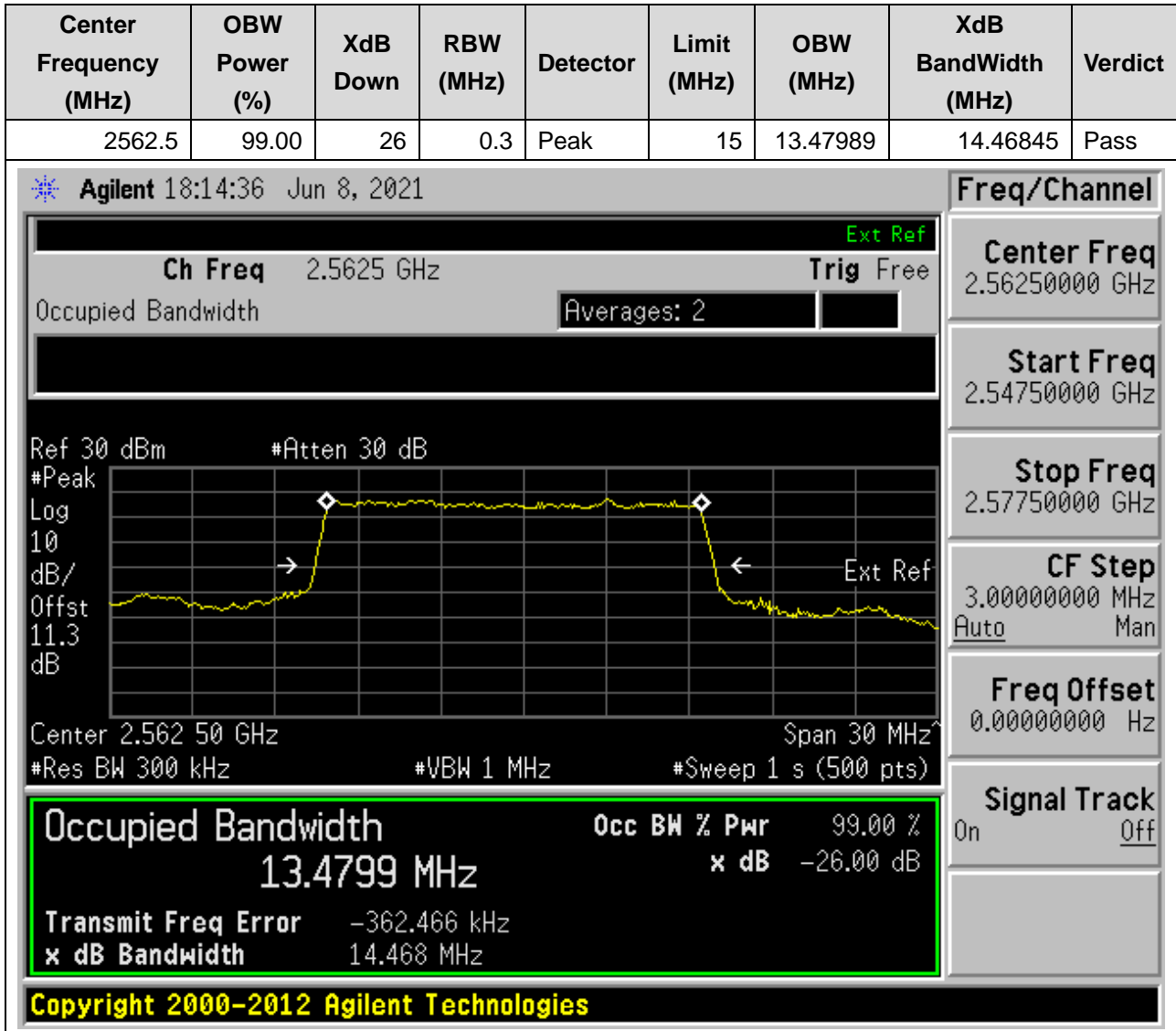
## 24. NR\_n7\_SCS15\_15M\_M\_Outer Full(QPSK)

### 24.10. NR Occupied Bandwidth(NTNV)



## 24. NR\_n7\_SCS15\_15M\_H\_Outer Full(Pi2-BPSK)

### 24.11. NR Occupied Bandwidth(NTNV)



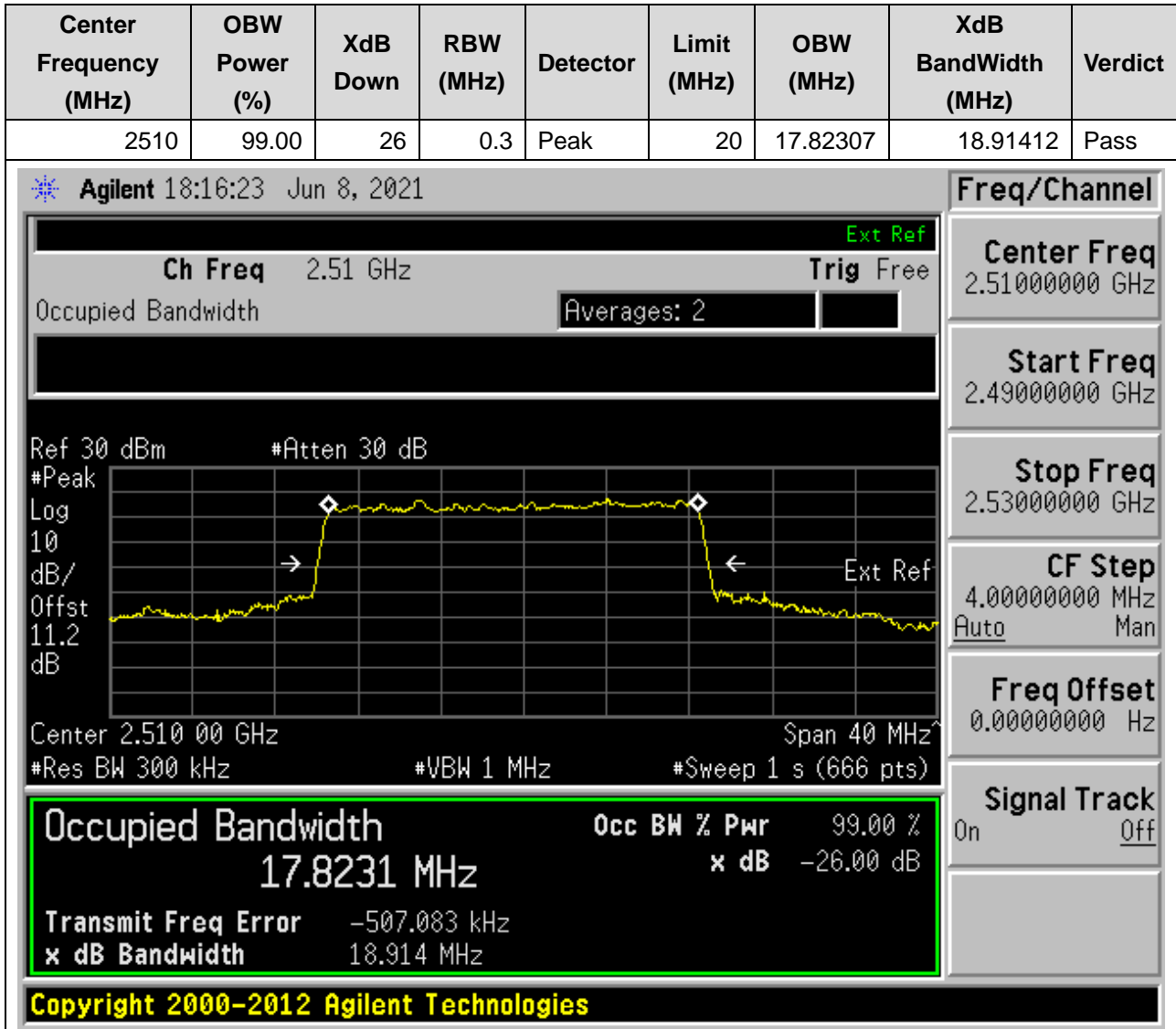
## 24. NR\_n7\_SCS15\_15M\_H\_Outer Full(QPSK)

### 24.12. NR Occupied Bandwidth(NTNV)



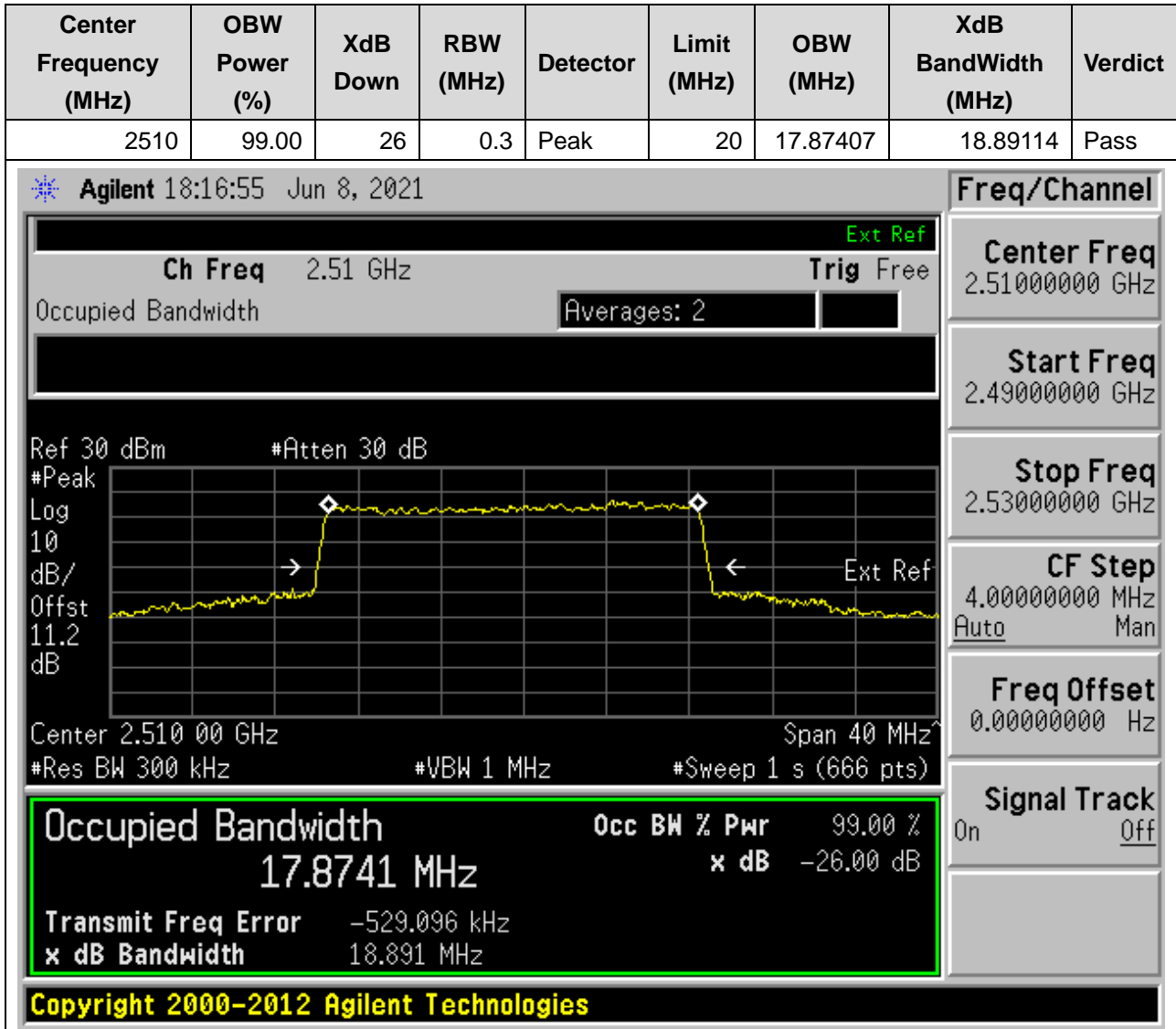
## 24. NR\_n7\_SCS15\_20M\_L\_Outer Full(Pi2-BPSK)

### 24.13. NR Occupied Bandwidth(NTNV)



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

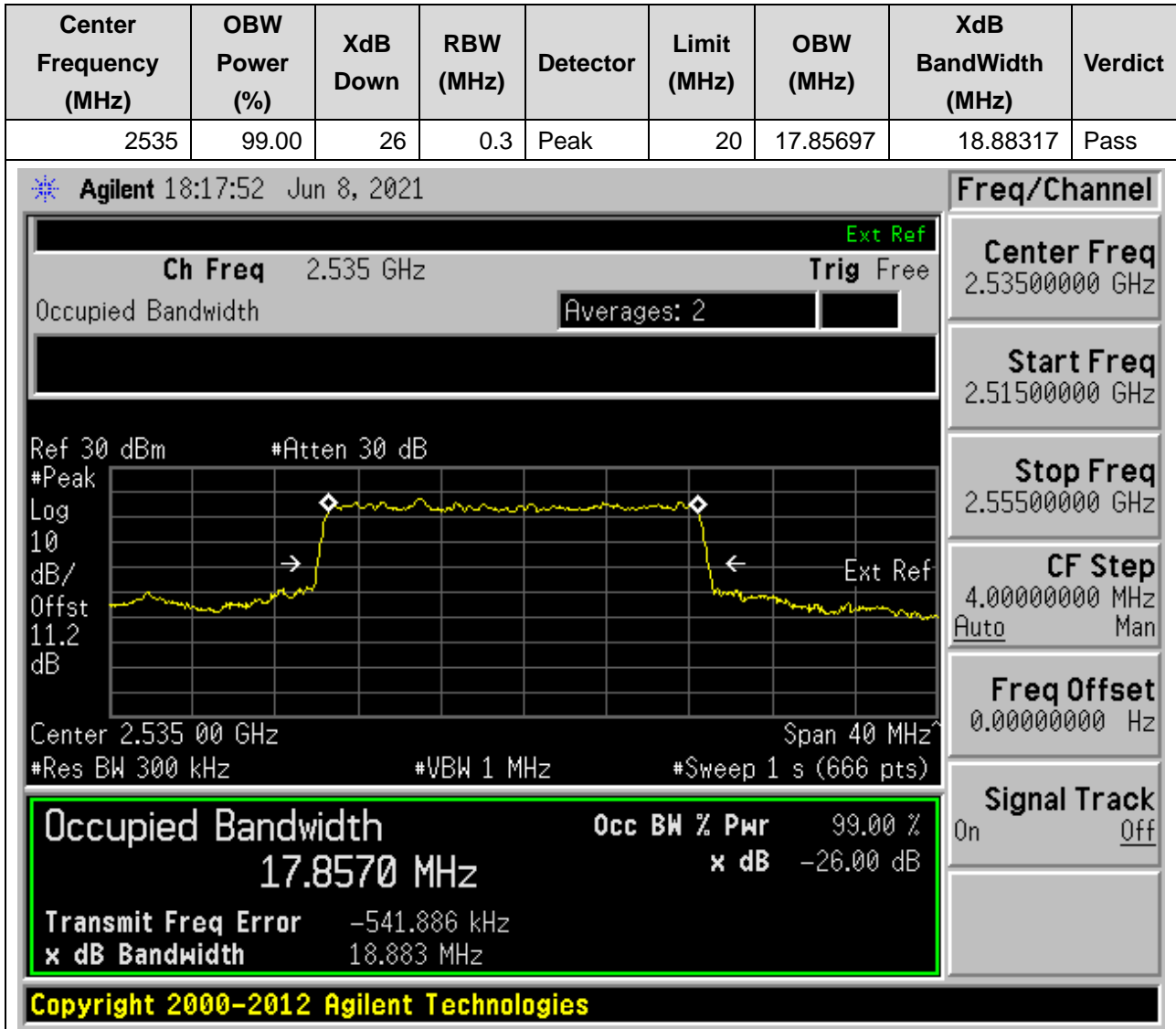
### 24.14. NR Occupied Bandwidth(NTNV)





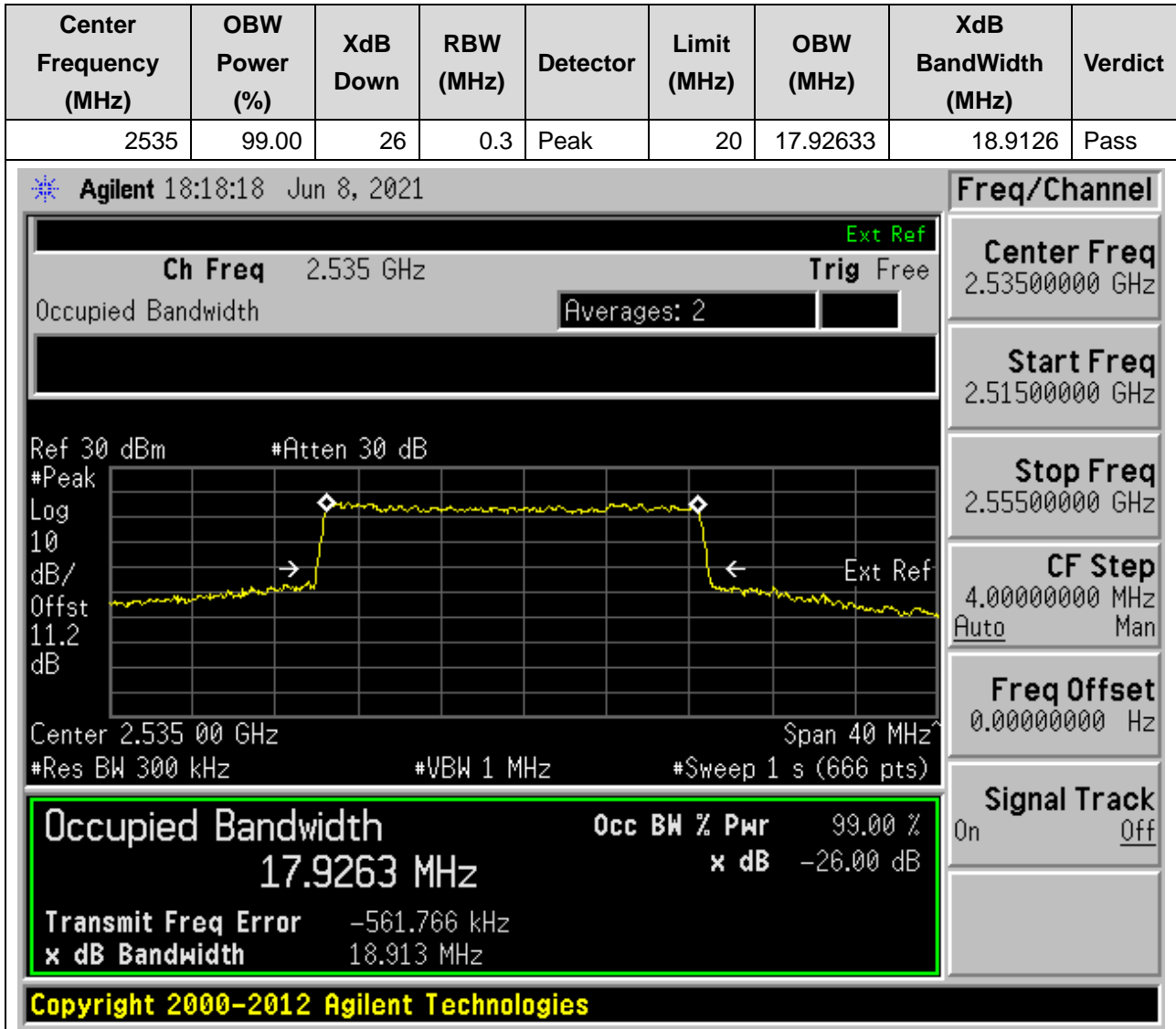
## 24. NR\_n7\_SCS15\_20M\_M\_Outer Full(Pi2-BPSK)

### 24.15. NR Occupied Bandwidth(NTNV)



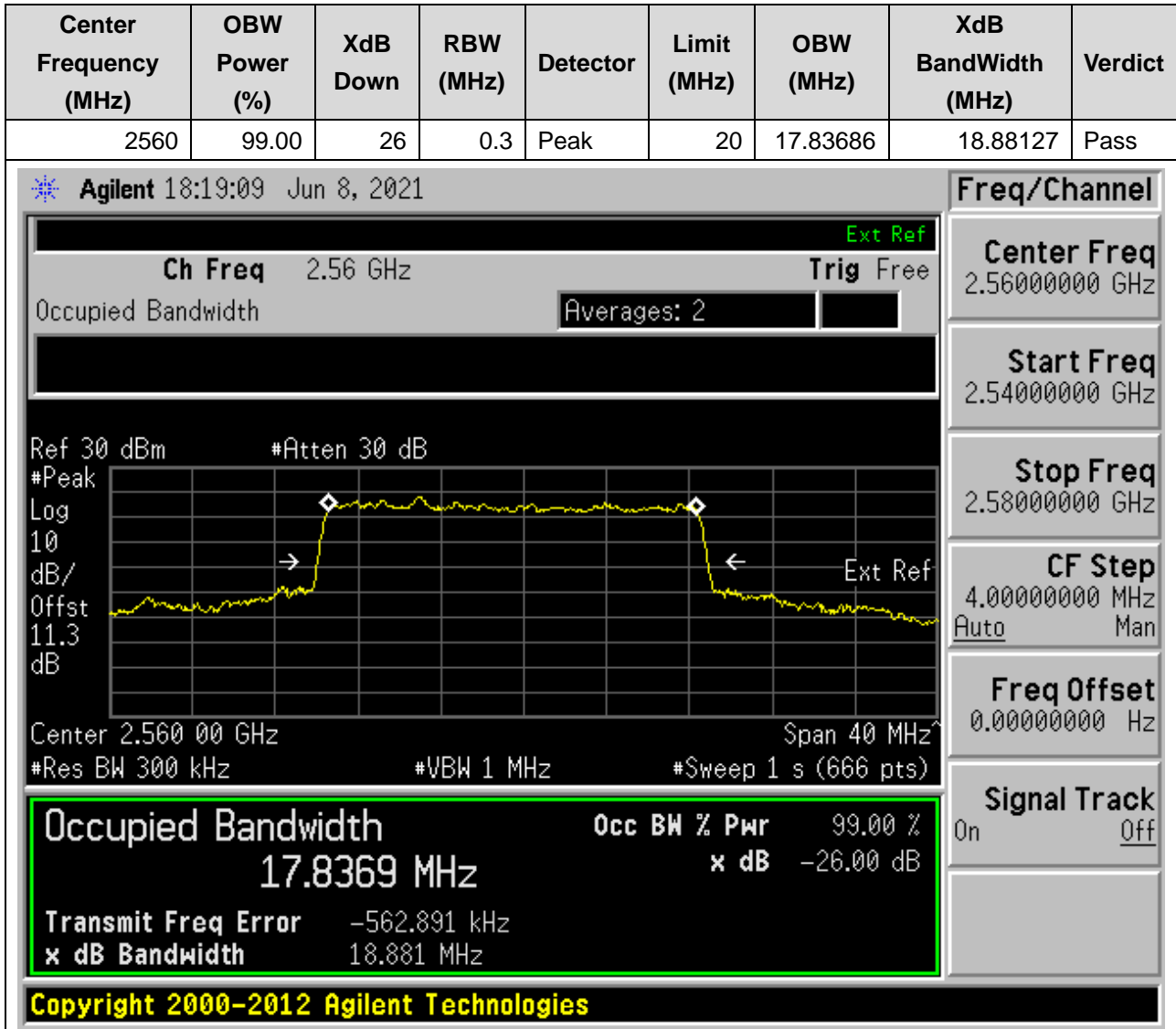
## 24. NR\_n7\_SCS15\_20M\_M\_Outer Full(QPSK)

### 24.16. NR Occupied Bandwidth(NTNV)



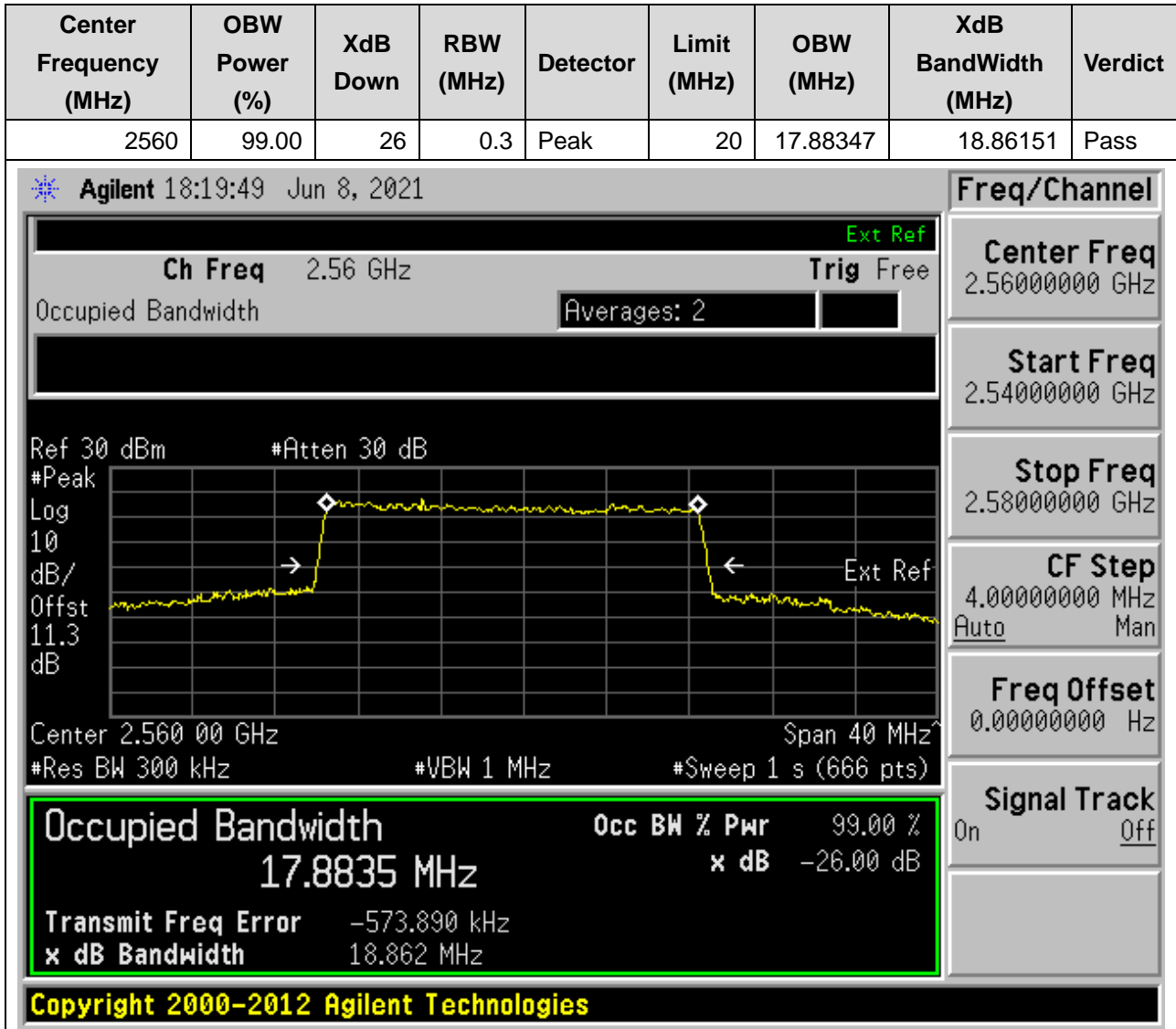
## 24. NR\_n7\_SCS15\_20M\_H\_Outer Full(Pi2-BPSK)

### 24.17. NR Occupied Bandwidth(NTNV)



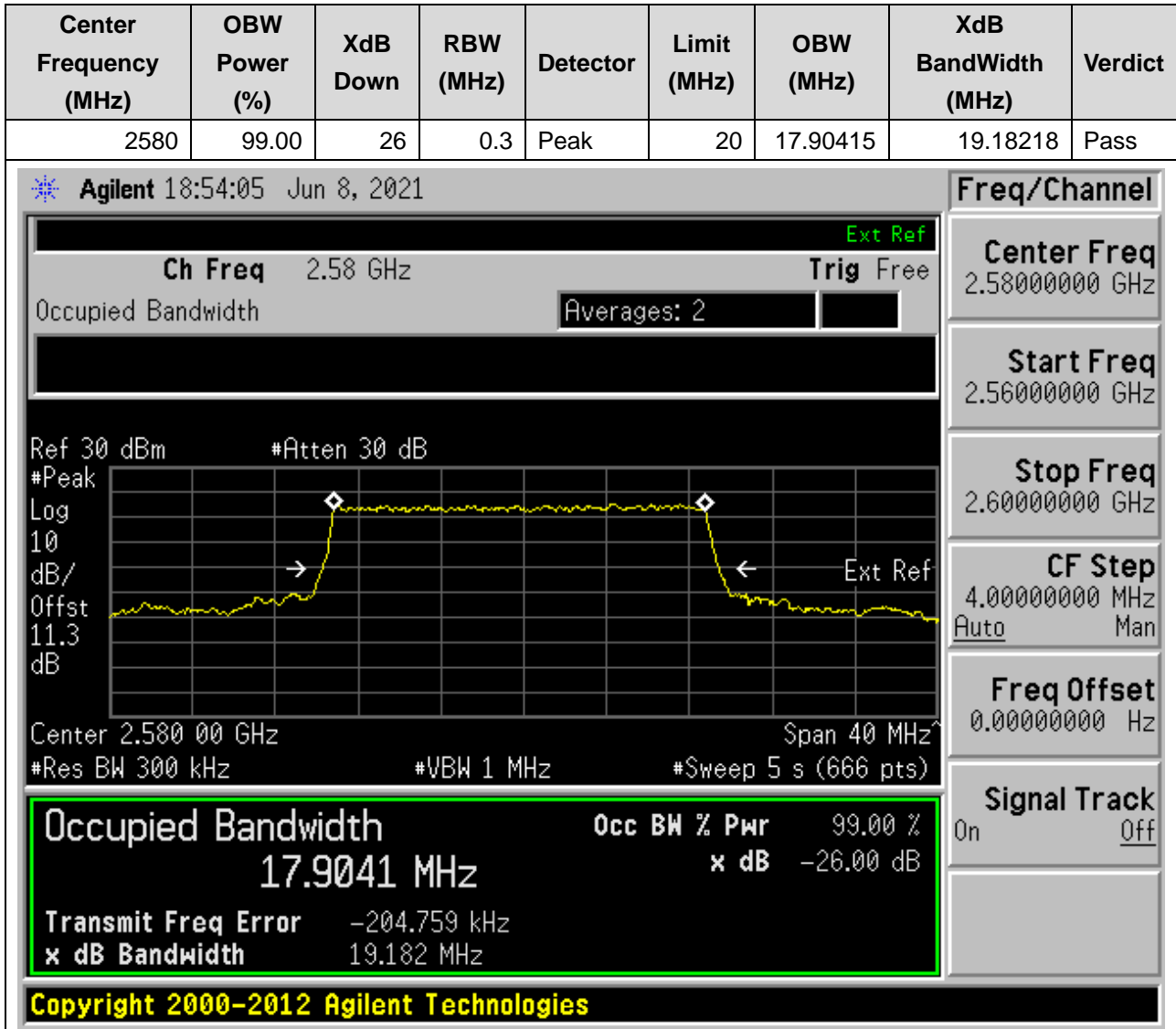
## 24. NR\_n7\_SCS15\_20M\_H\_Outer Full(QPSK)

### 24.18. NR Occupied Bandwidth(NTNV)



## 25. NR\_n38\_SCS30\_20M\_L\_Outer Full(Pi2-BPSK)

### 25.1. NR Occupied Bandwidth(NTNV)



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

### 25.2. NR Occupied Bandwidth(NTNV)

