

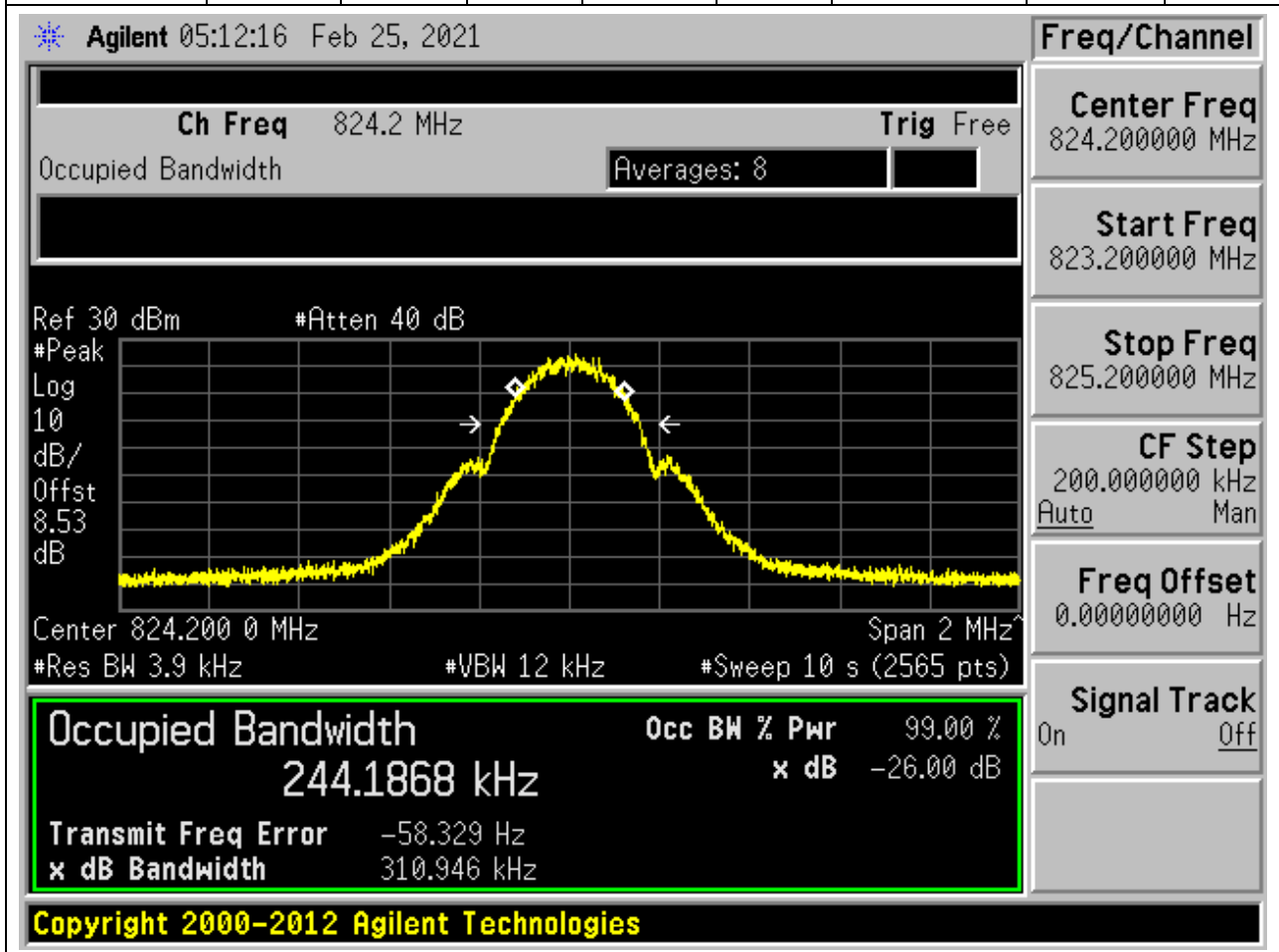
## Annex A.3 Occupied Bandwidth

# GSM

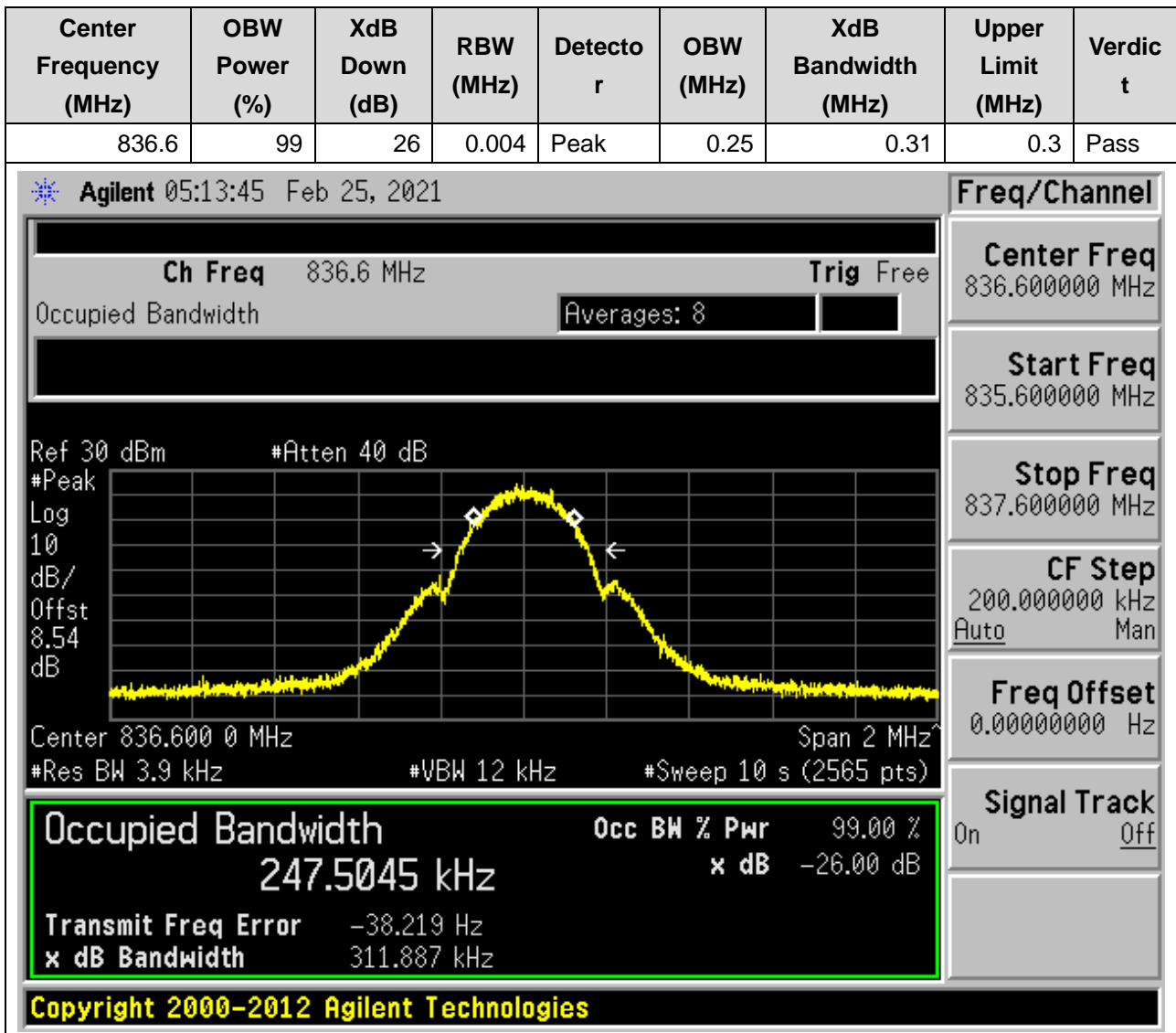
## 1.GSM\_GSM850

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

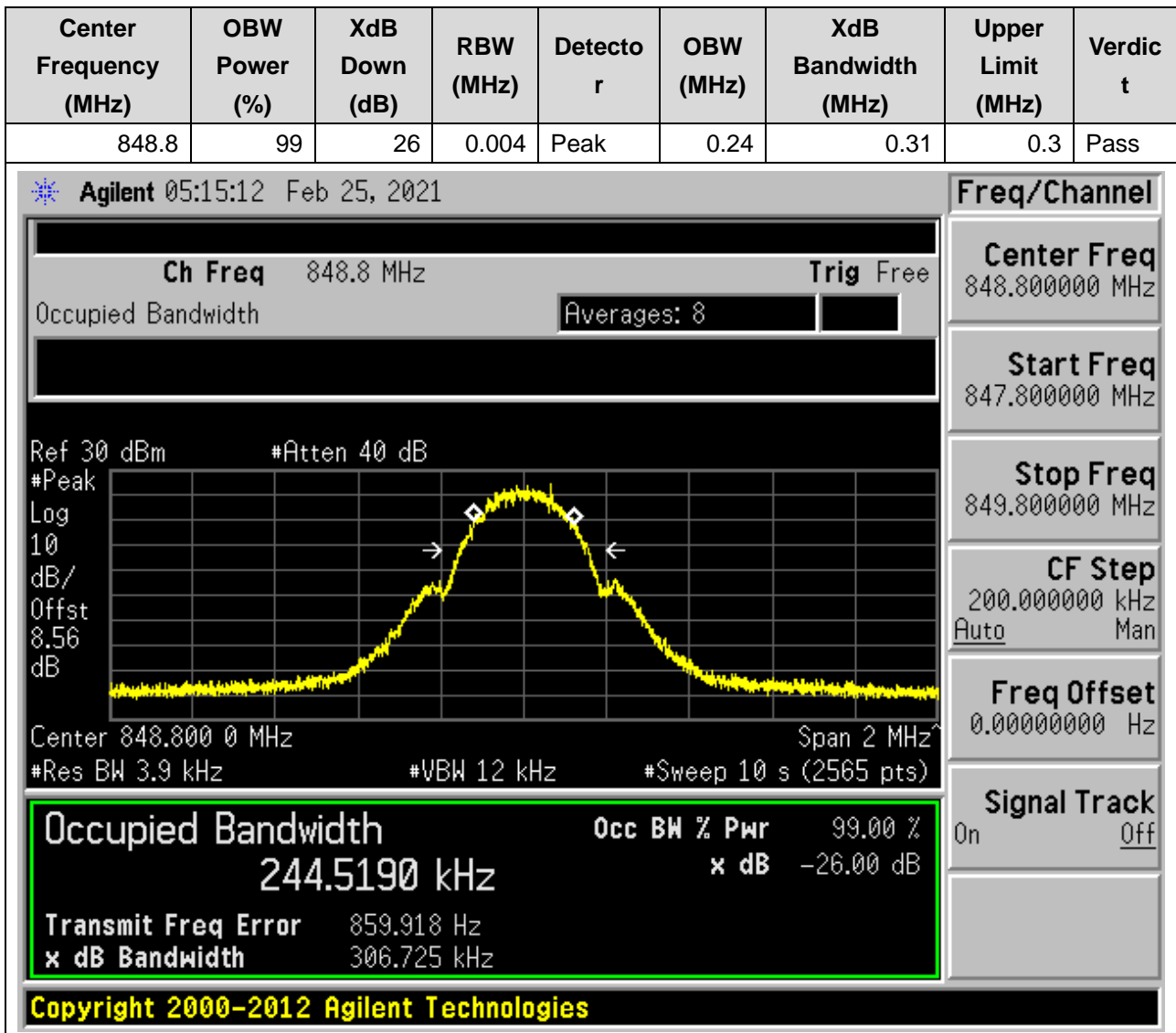
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.24	0.31	0.3	Pass



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

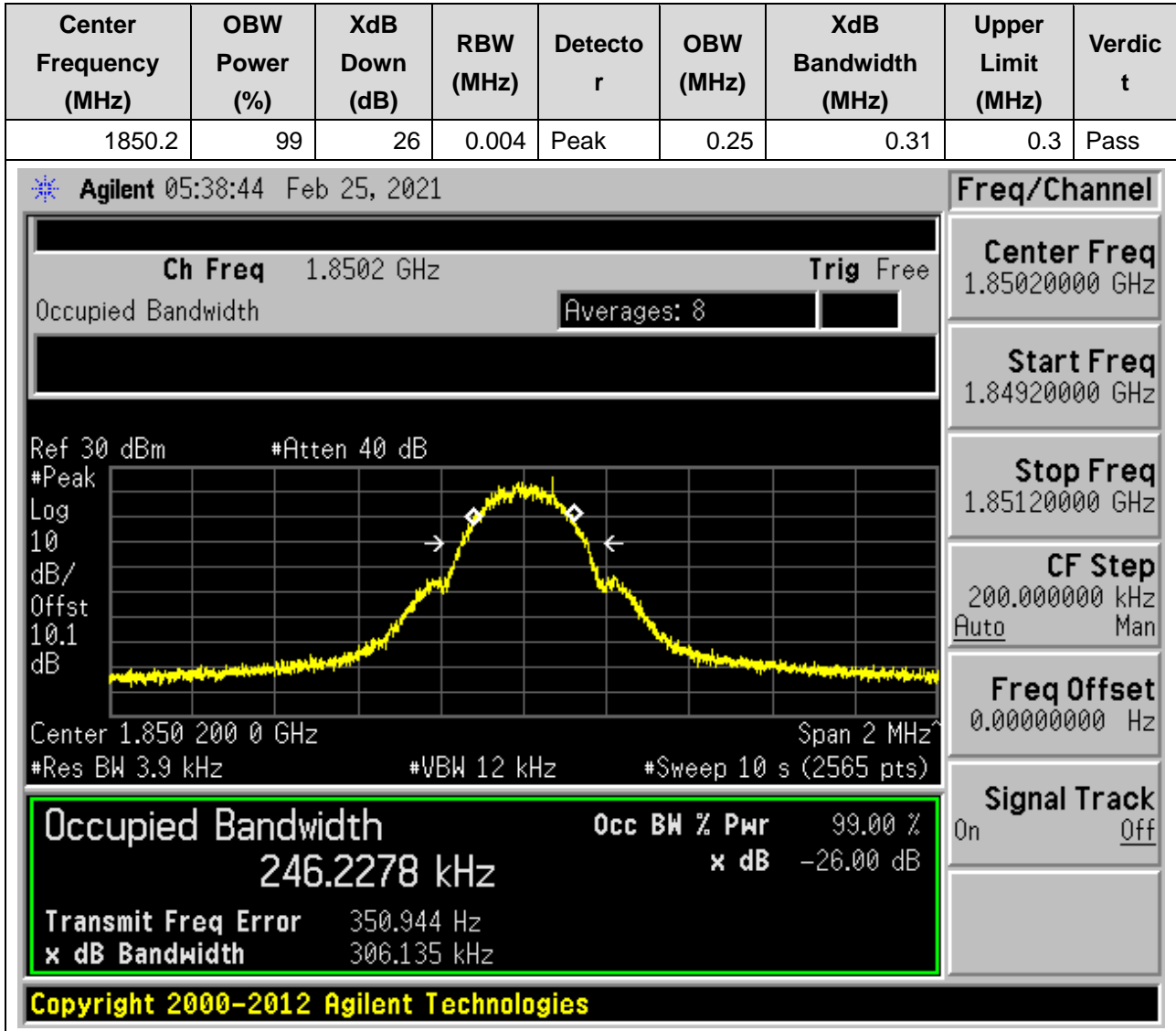


### 1.3. GSM Occupied Bandwidth(NTNV)(Channel:251)

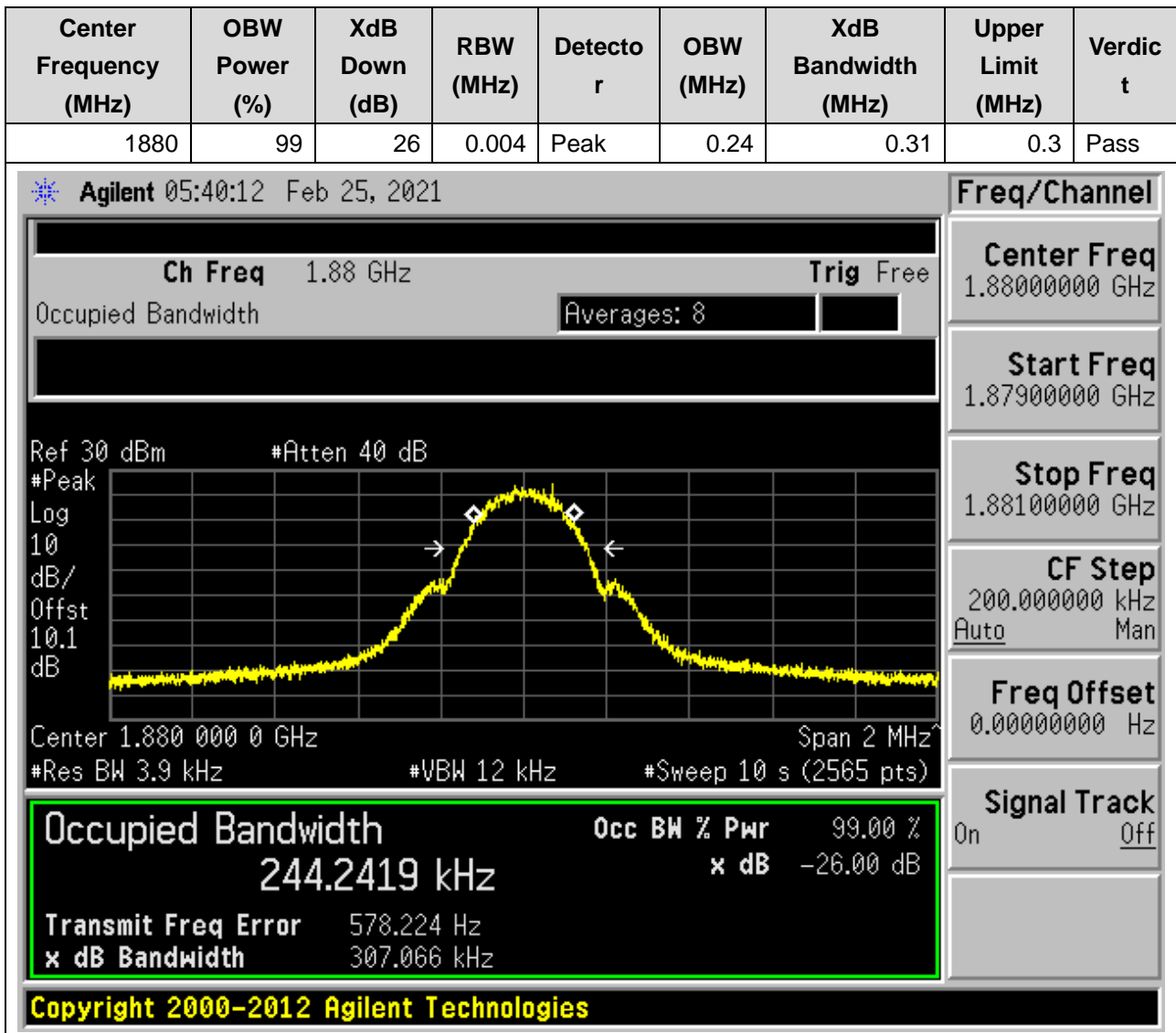


## 2. GSM\_PCS

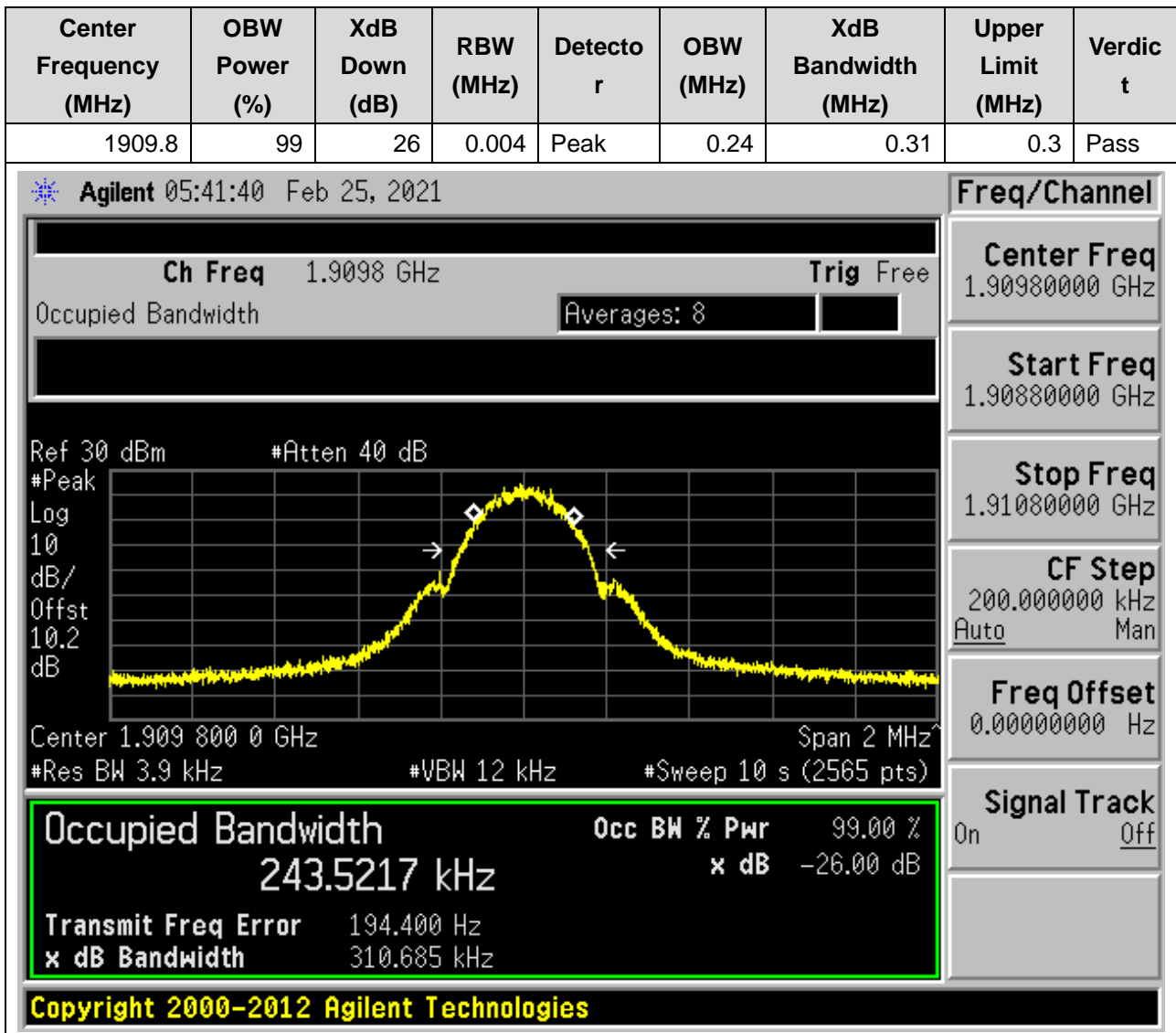
### 2.1. GSM Occupied Bandwidth(NTNV)(Channel:512)



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



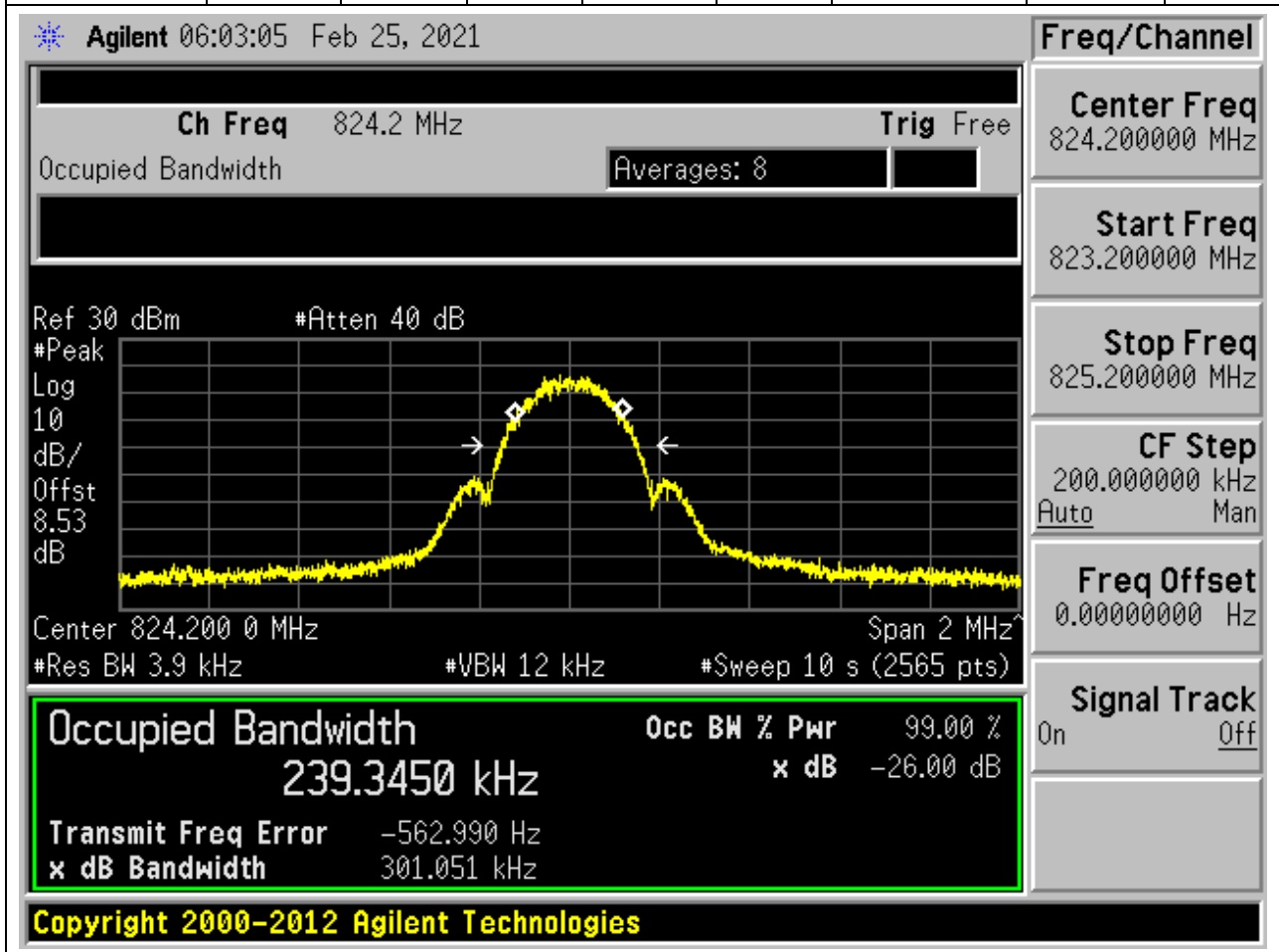
### 2.3. GSM Occupied Bandwidth(NTNV)(Channel:810)



### 3. EGPRS\_GSM850

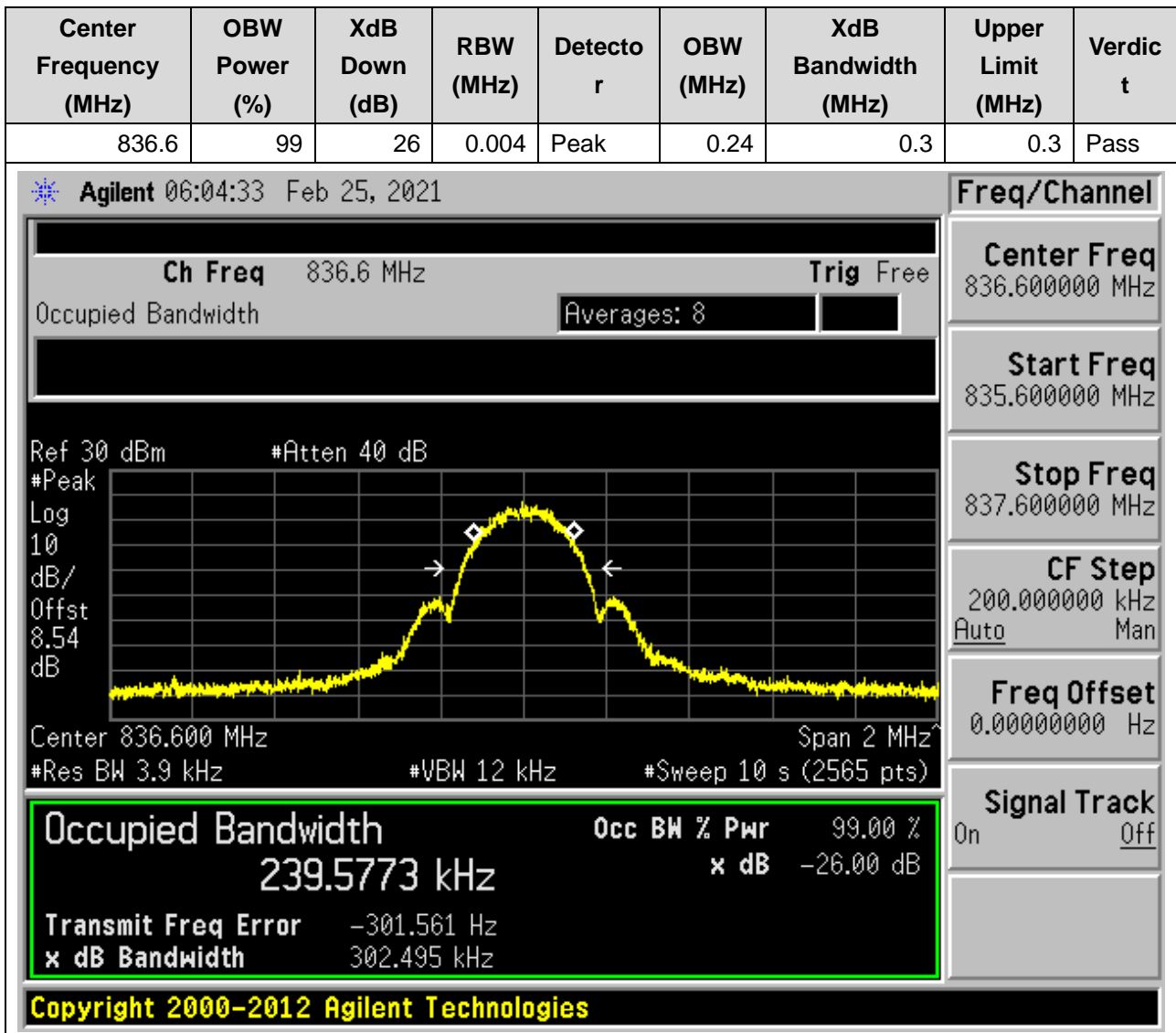
#### 3.1. EGPRS Occupied Bandwidth(NTNV)(Channel:128)

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	0.24	0.3	0.3	Pass

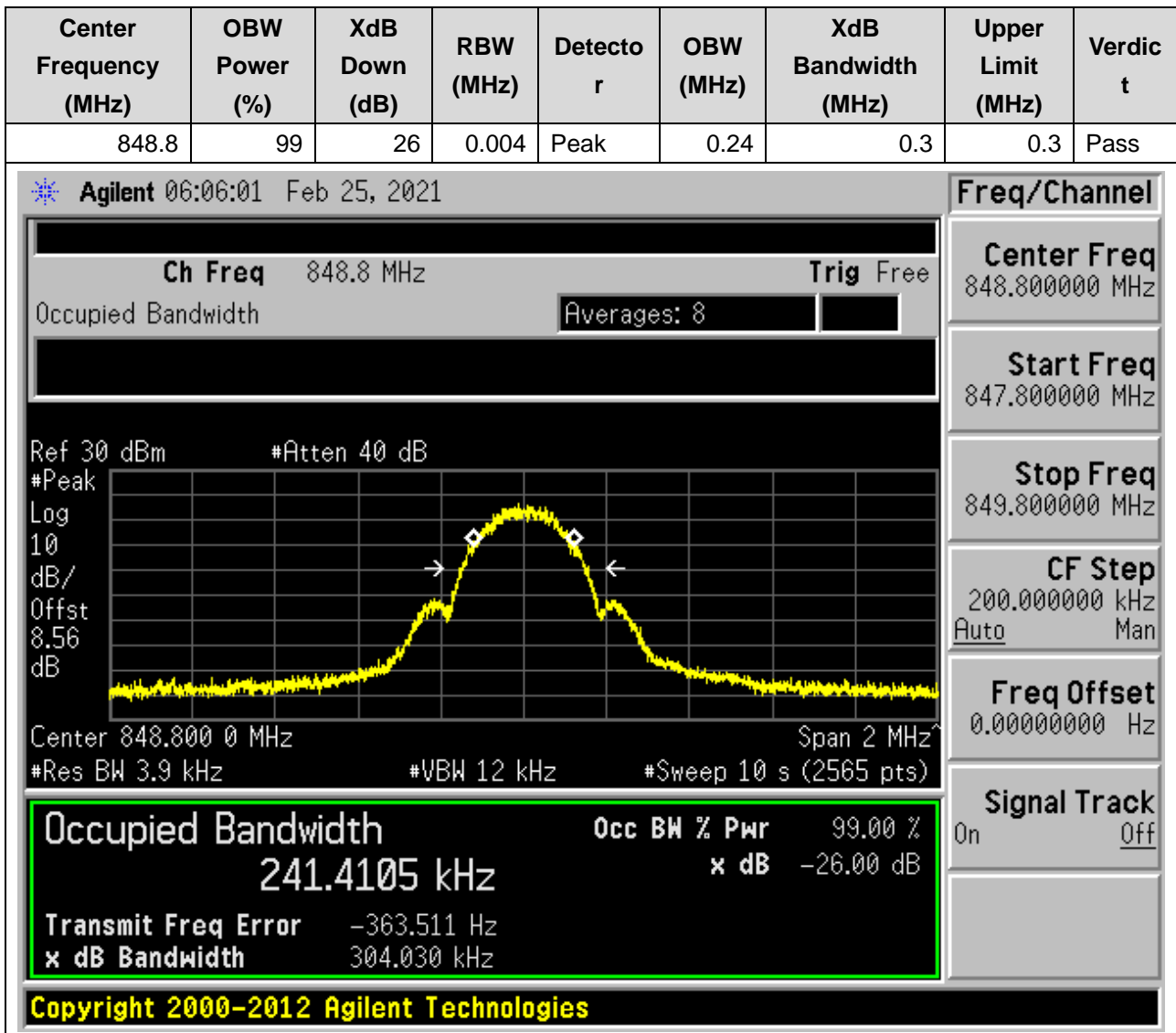




### 3.2. EGPRS Occupied Bandwidth(NTNV)(Channel:190)

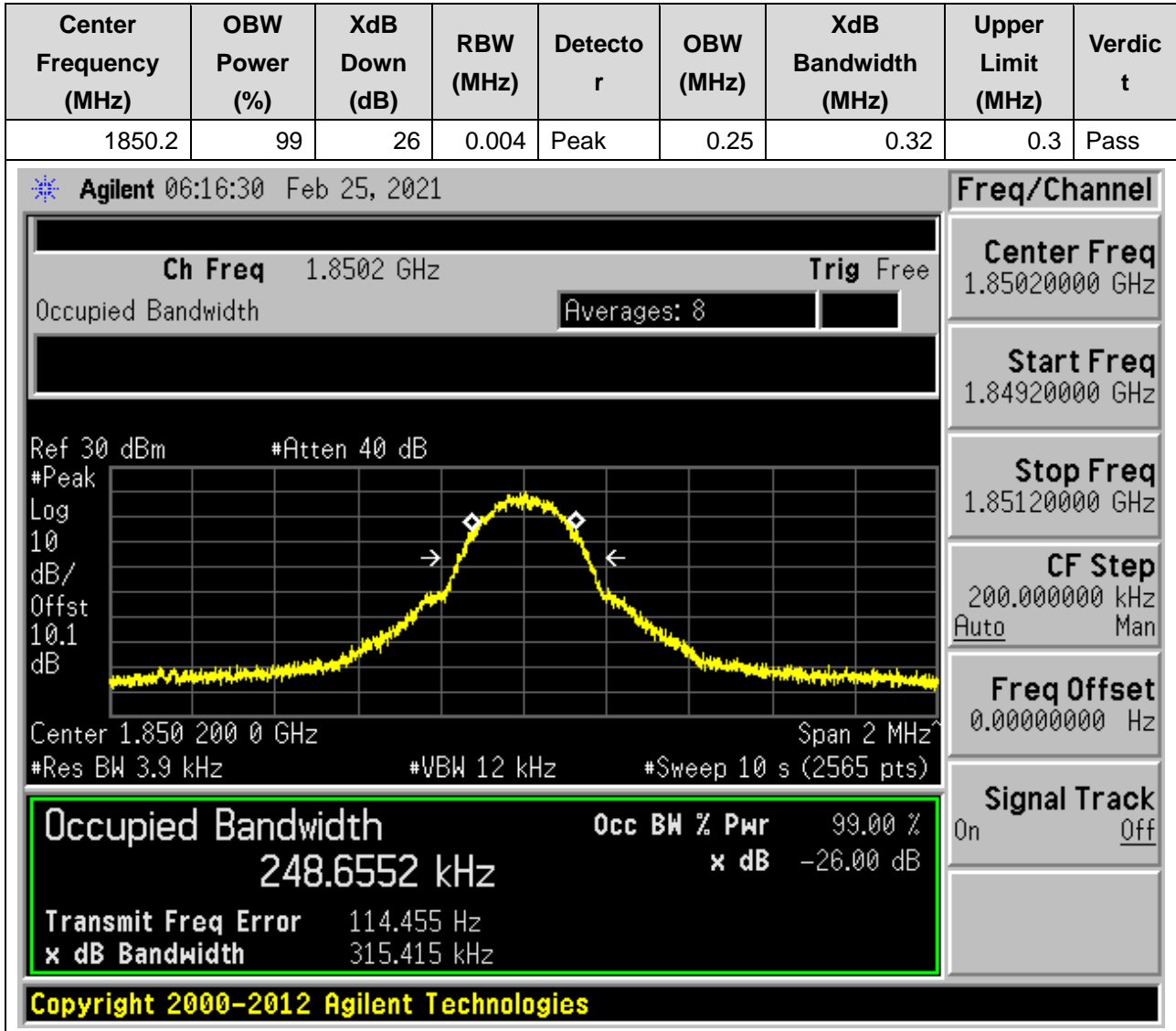


### 3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)

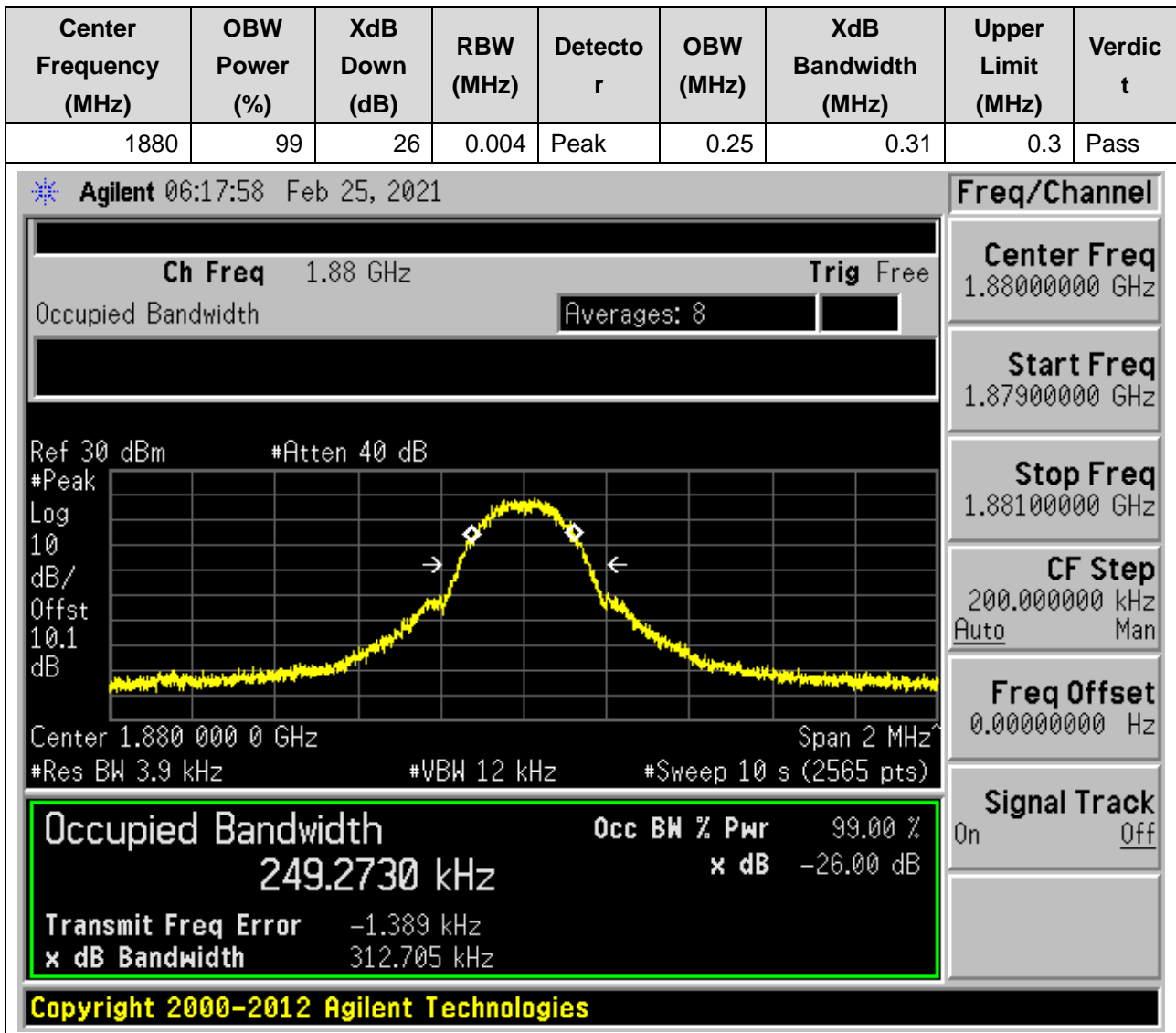


## 4. EGPRS\_PCS

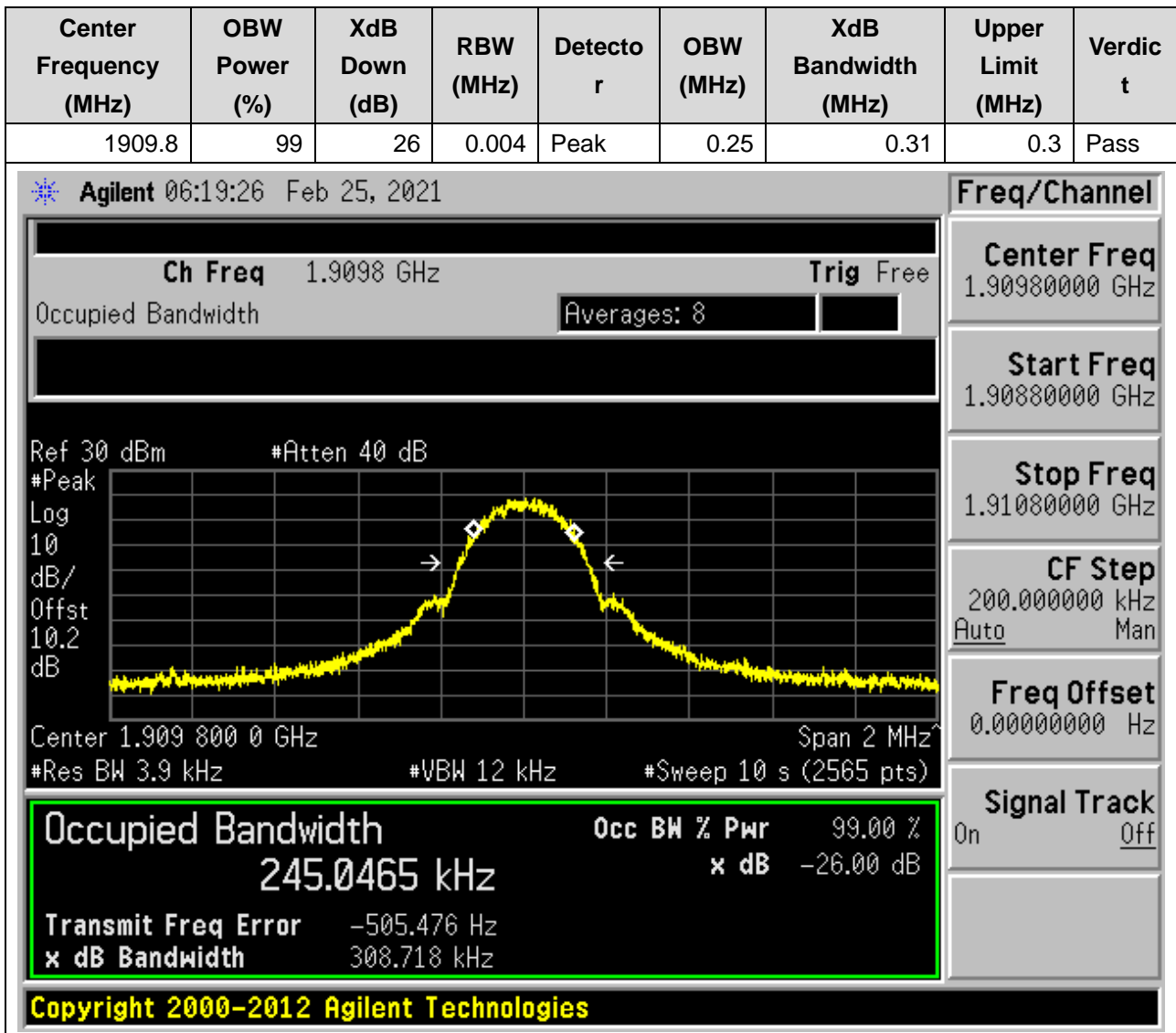
### 4.1. EGPRS Occupied Bandwidth(NTNV)(Channel:512)



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



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

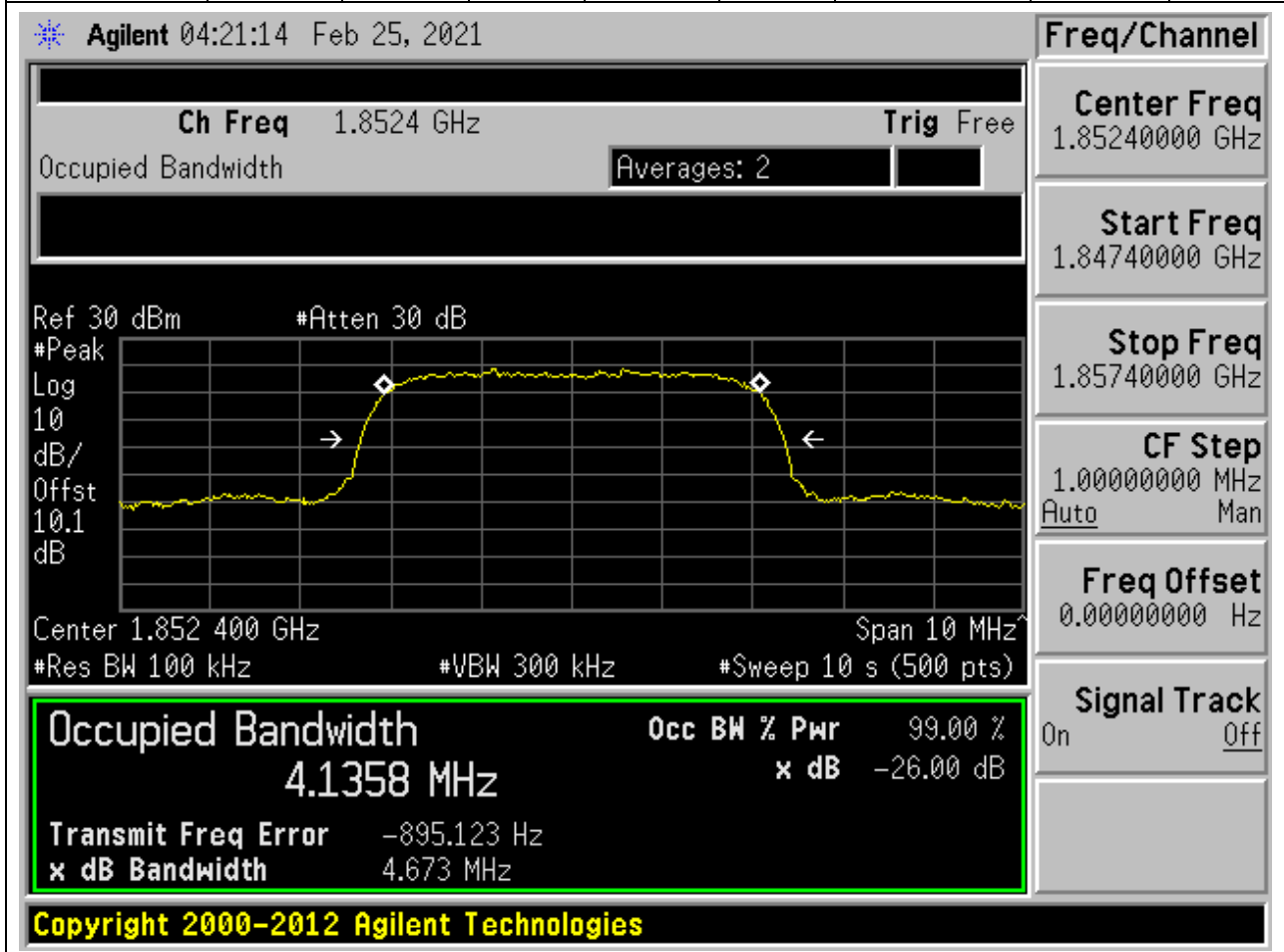


## WCDMA

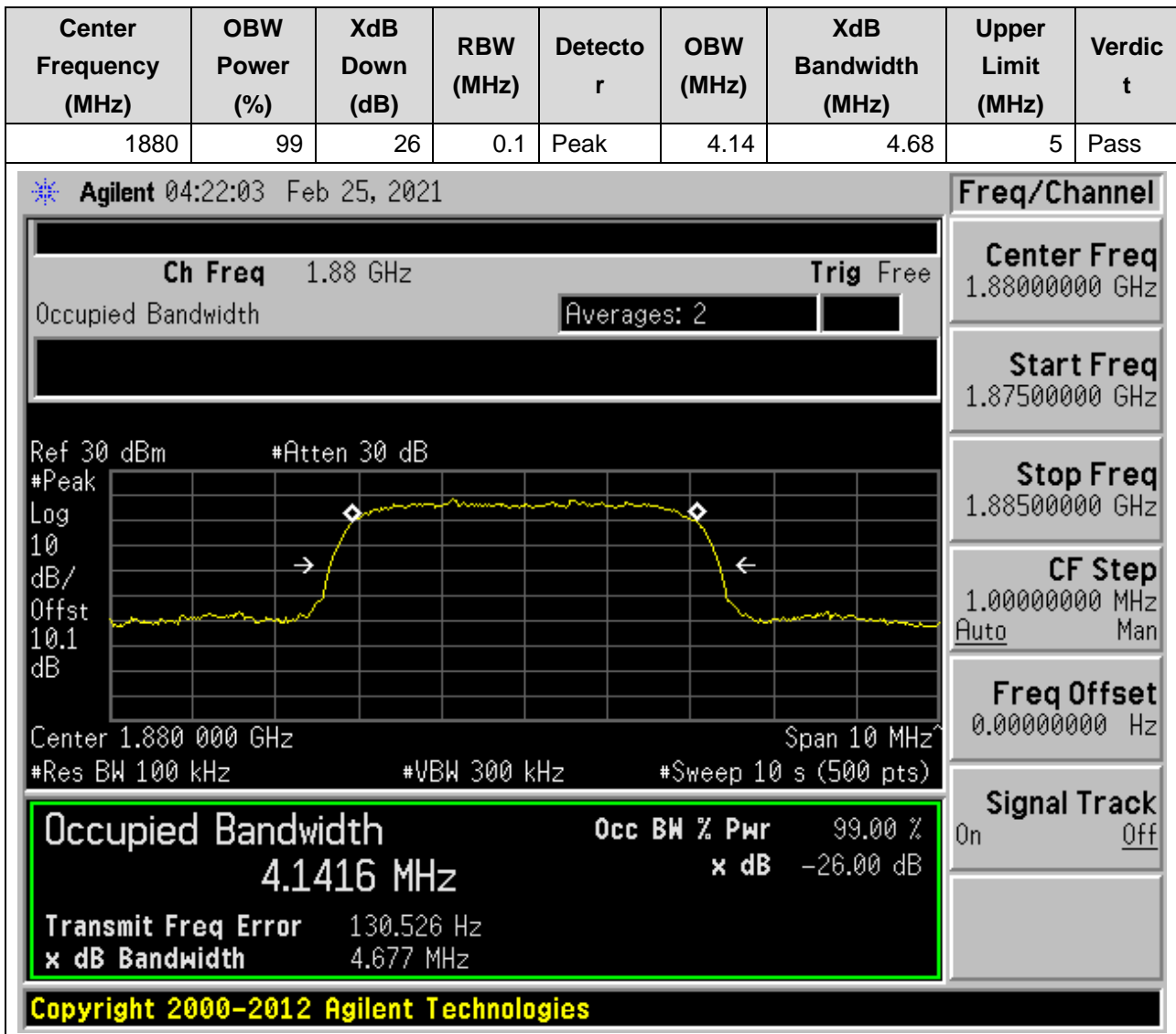
### 5. WCDMA\_Band2

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

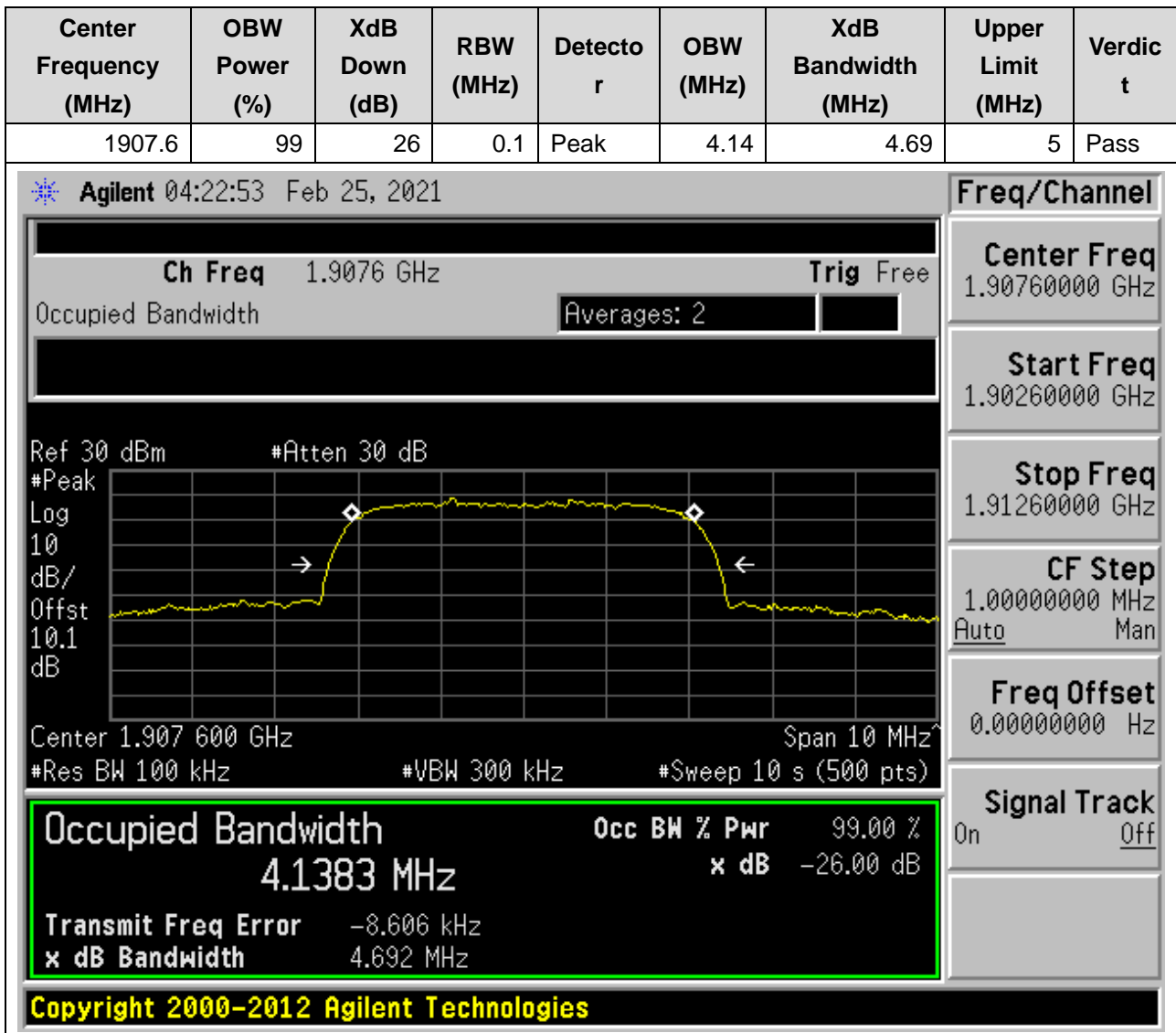
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.4	99	26	0.1	Peak	4.14	4.67	5	Pass



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



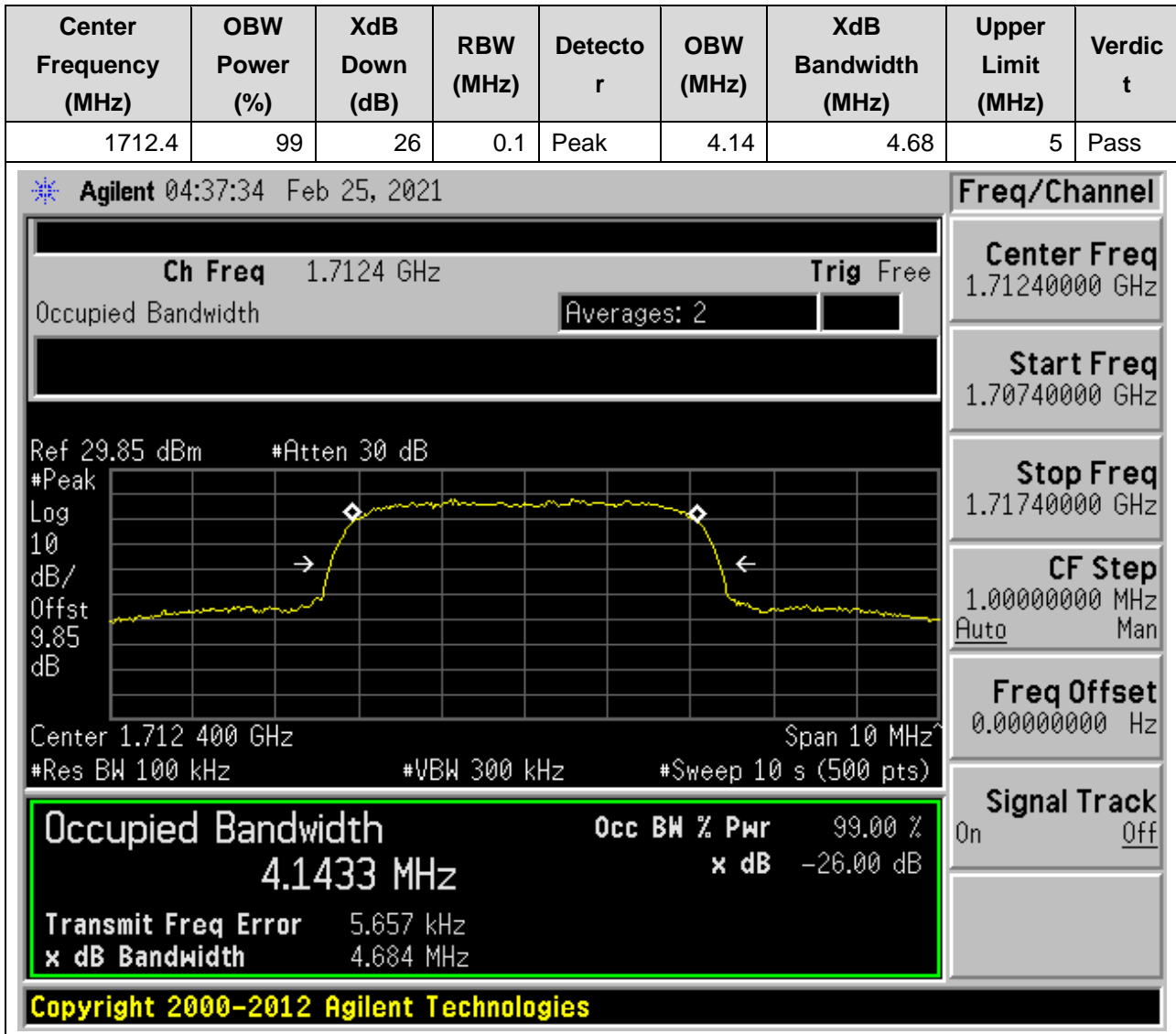
### 5.3. WCDMA Occupied Bandwidth(NTNV)(Channel:9538)



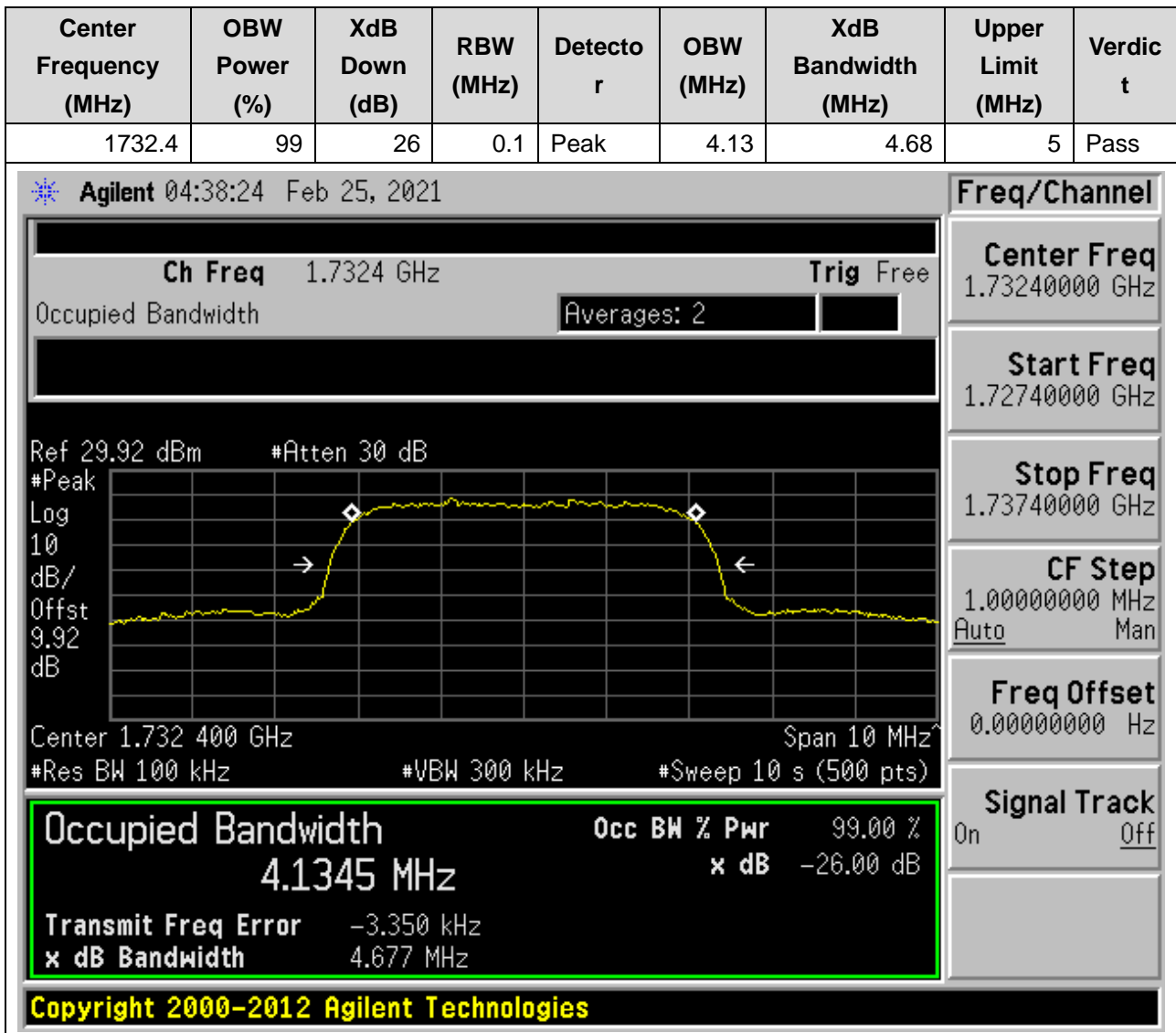


## 6. WCDMA\_Band4

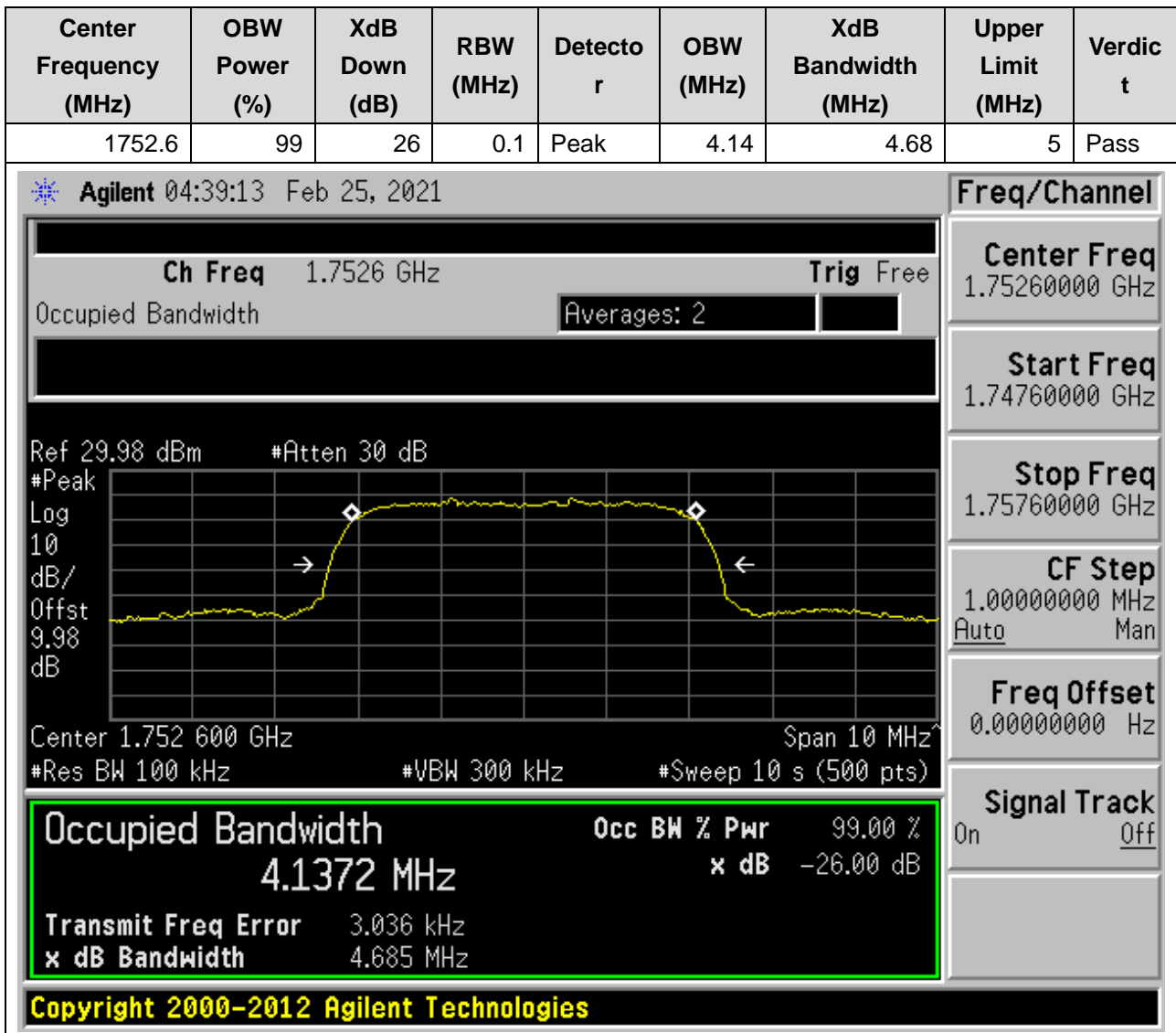
### 6.1. WCDMA Occupied Bandwidth(NTNV)(Channel:1312)



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

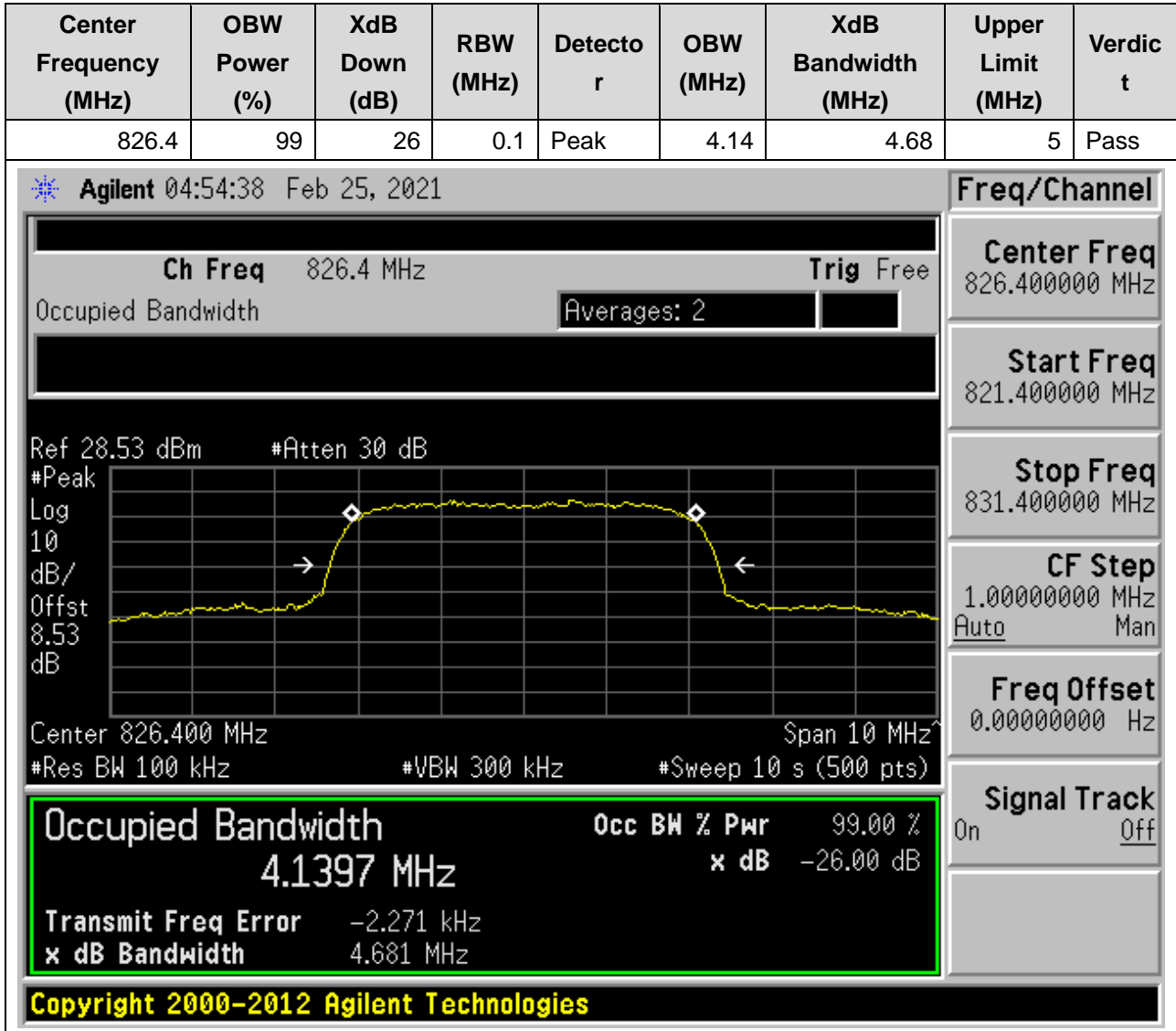


### 6.3. WCDMA Occupied Bandwidth(NTNV)(Channel:1513)

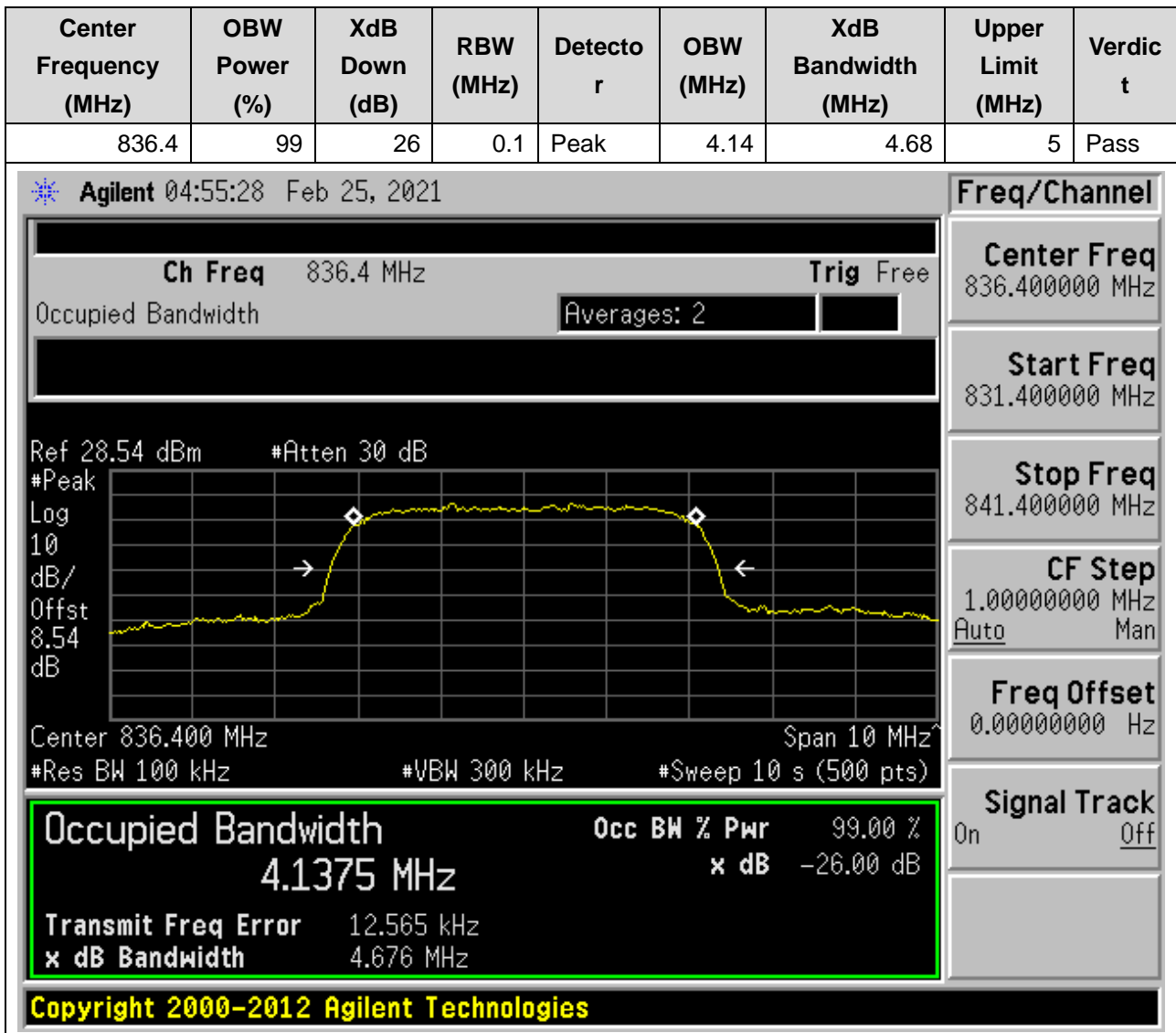


## 7. WCDMA\_Band5

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



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

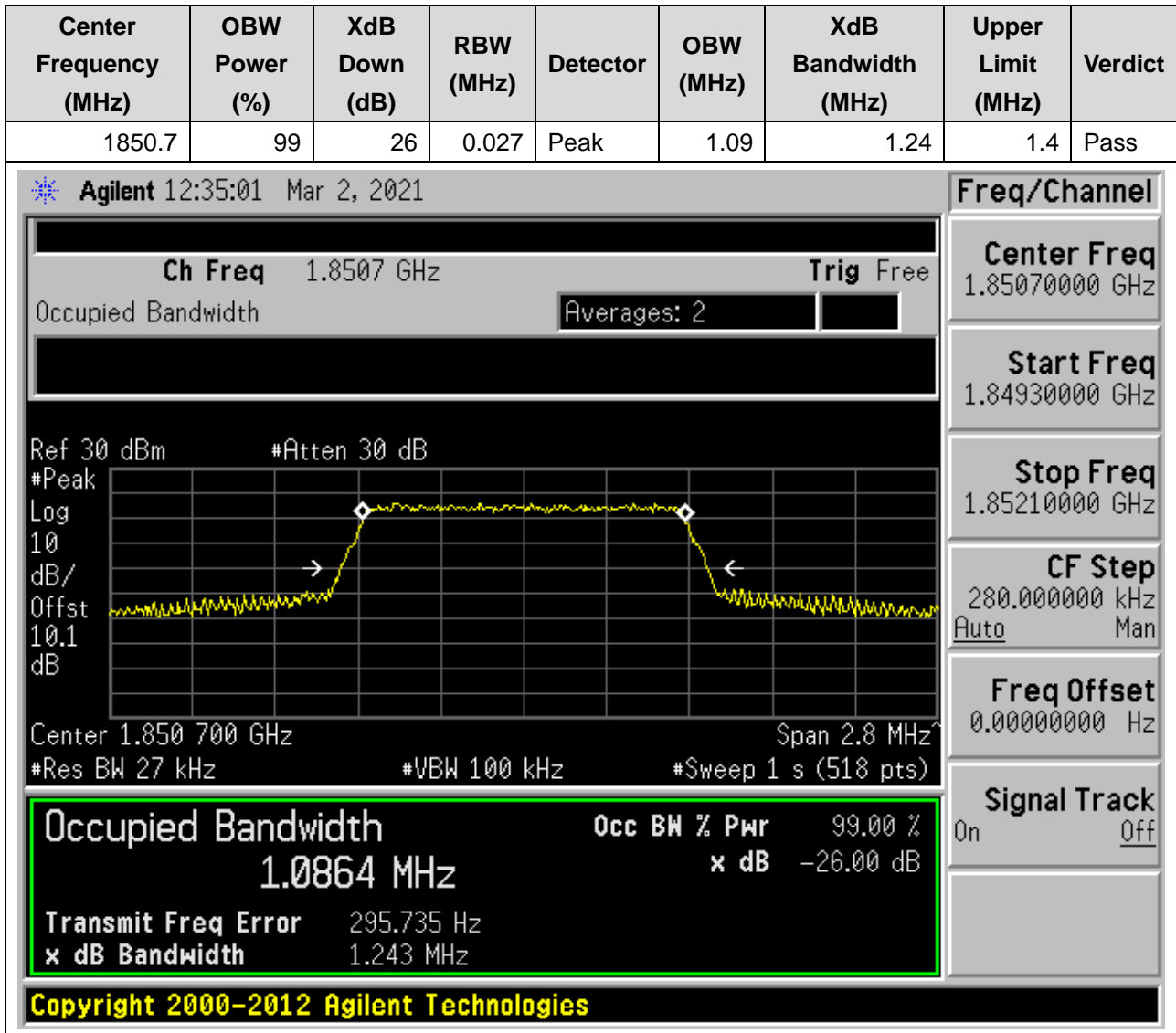


### 7.3. WCDMA Occupied Bandwidth(NTNV)(Channel:4233)



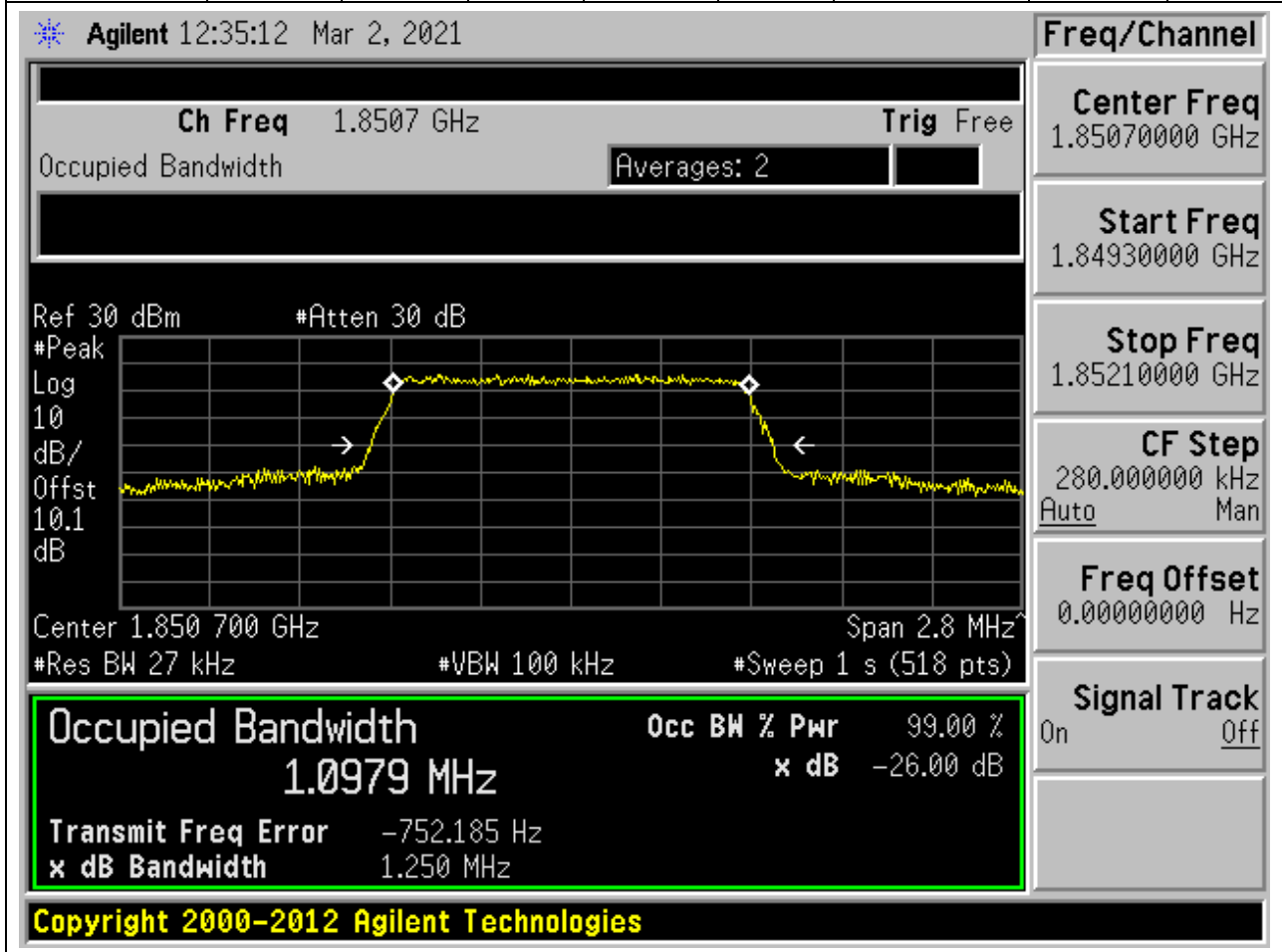
## 8. LTE\_Band2

### 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)**

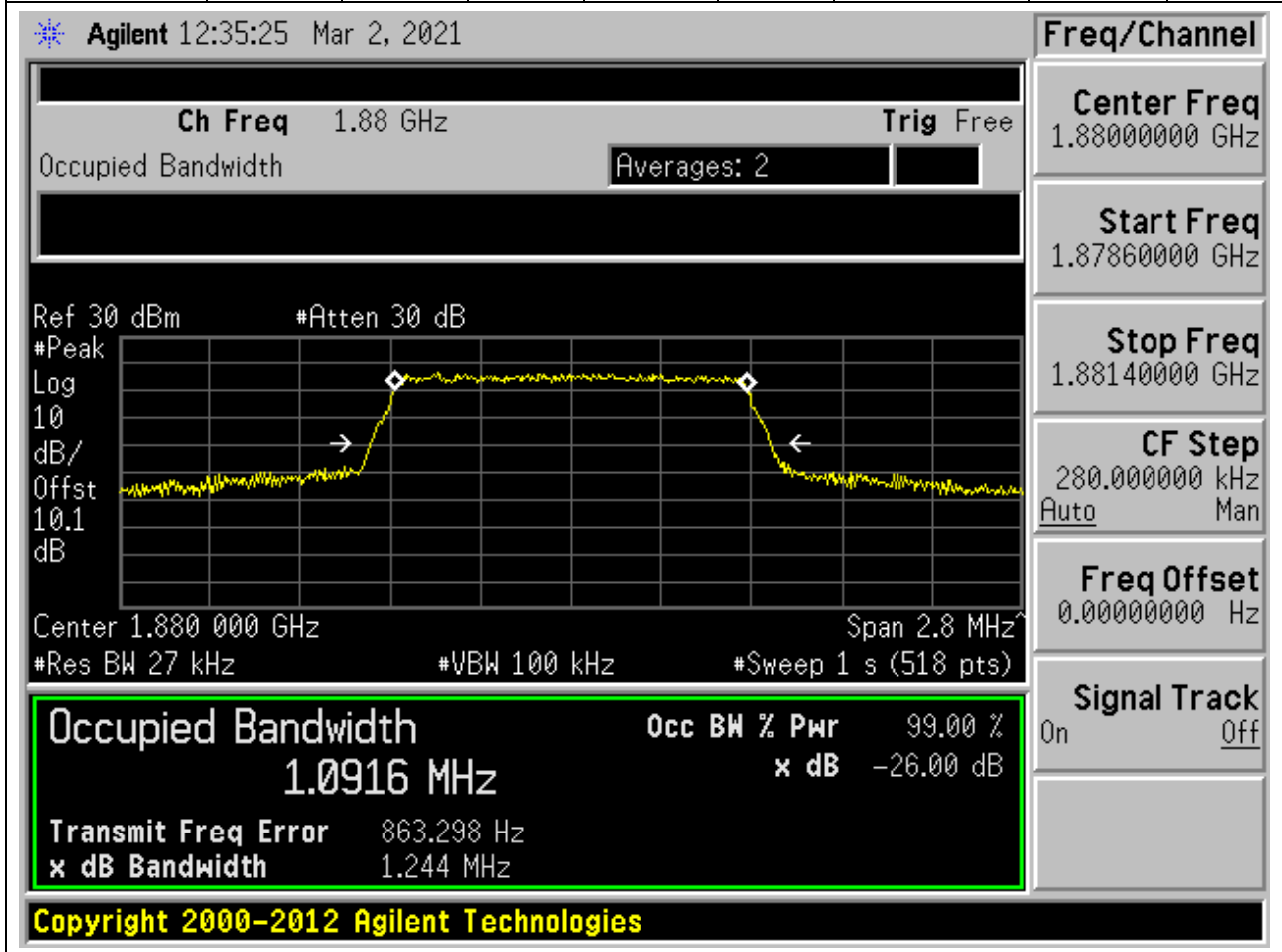
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.7	99	26	0.027	Peak	1.1	1.25	1.4	Pass





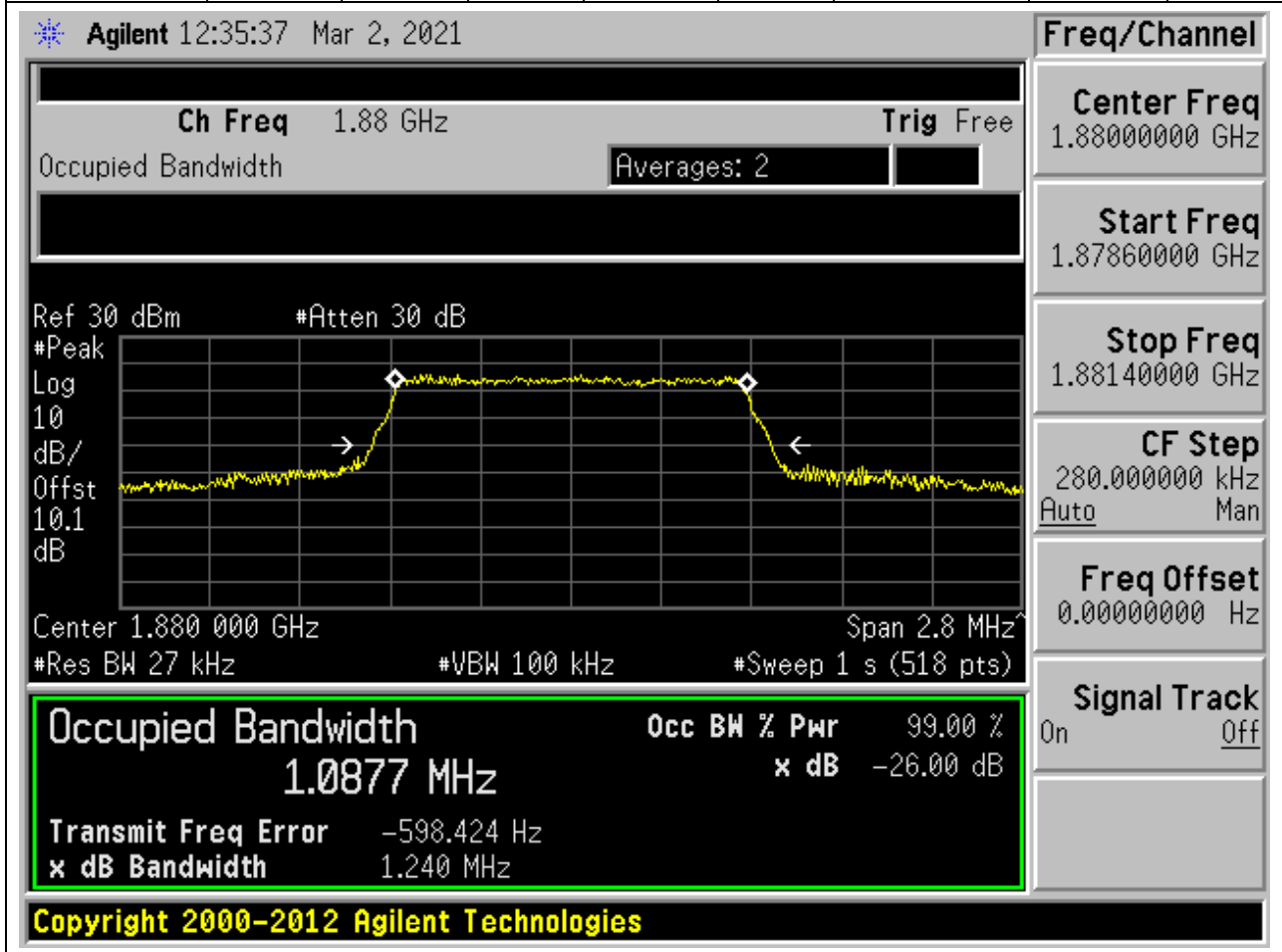
**8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.09	1.24	1.4	Pass



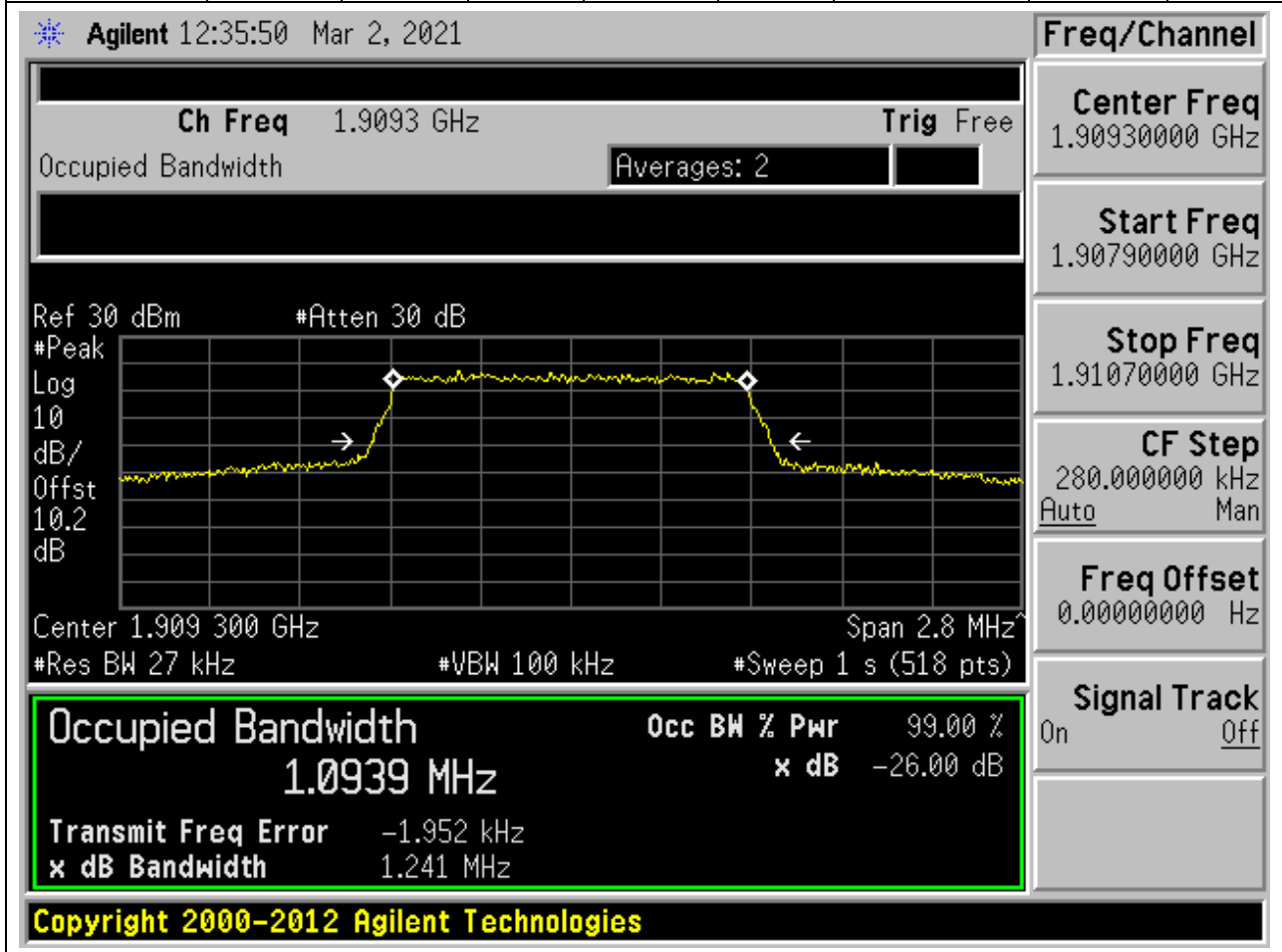
**8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.09	1.24	1.4	Pass



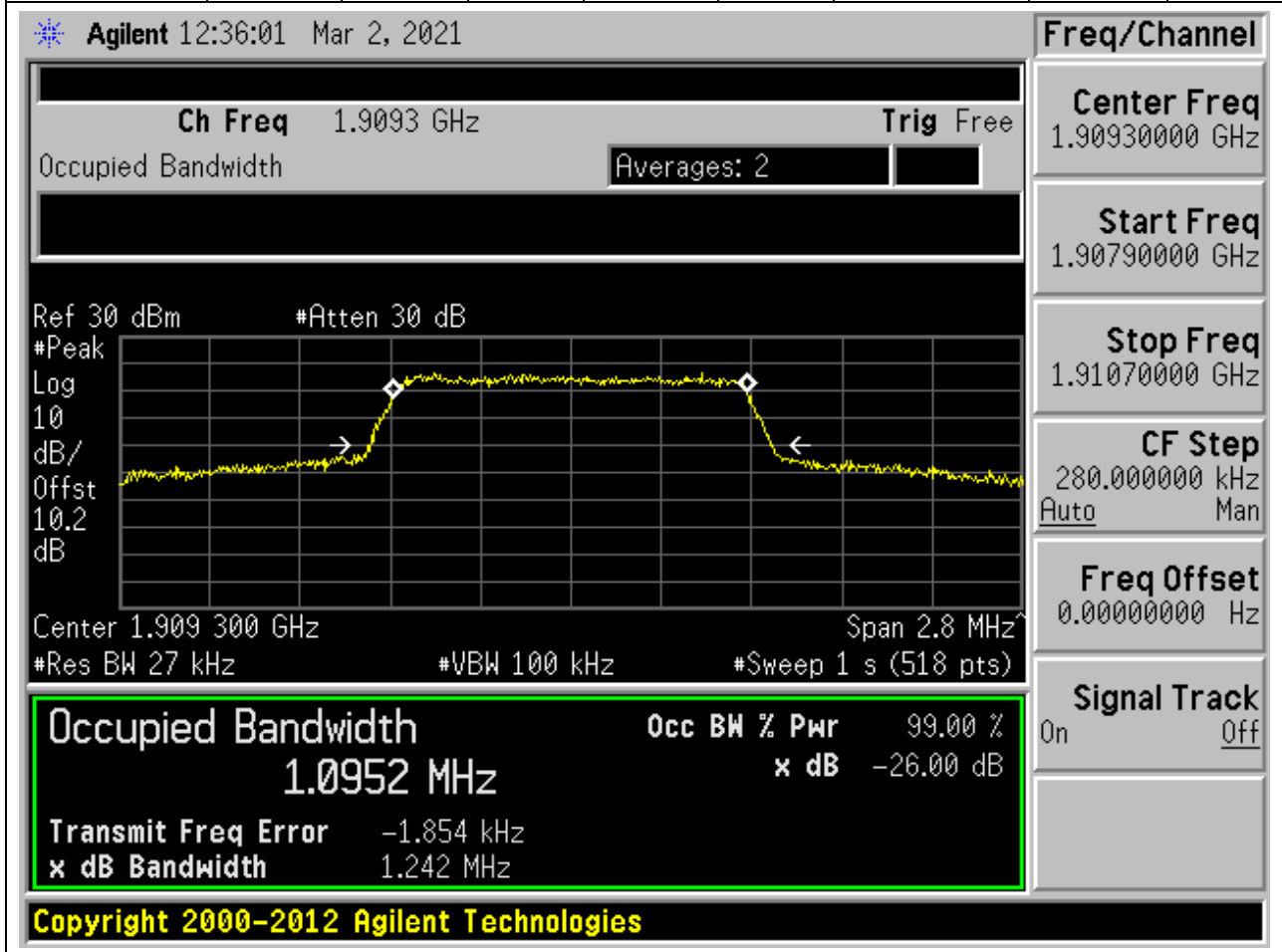
**8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.09	1.24	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	1.1	1.24	1.4	Pass



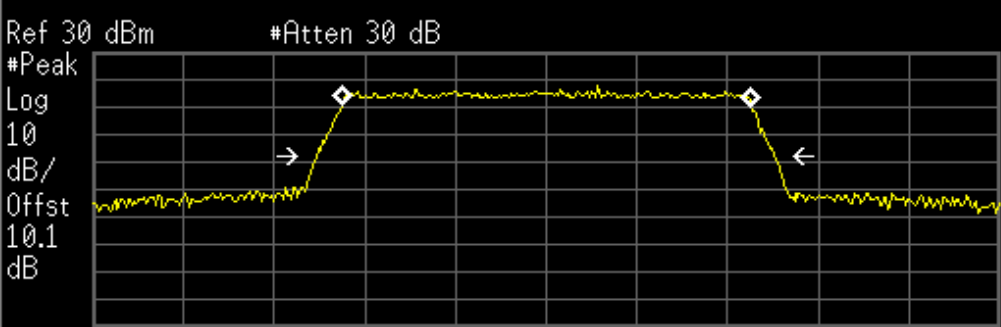
**8.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

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	2.71	3.02	3	Pass

**Agilent** 12:36:16 Mar 2, 2021

**Ch Freq** 1.8515 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.1 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 %
<b>2.7132 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-18.428 Hz	
<b>x dB Bandwidth</b>	3.023 MHz	

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**Freq/Channel**

**Center Freq**  
1.85150000 GHz

**Start Freq**  
1.84850000 GHz

**Stop Freq**  
1.85450000 GHz

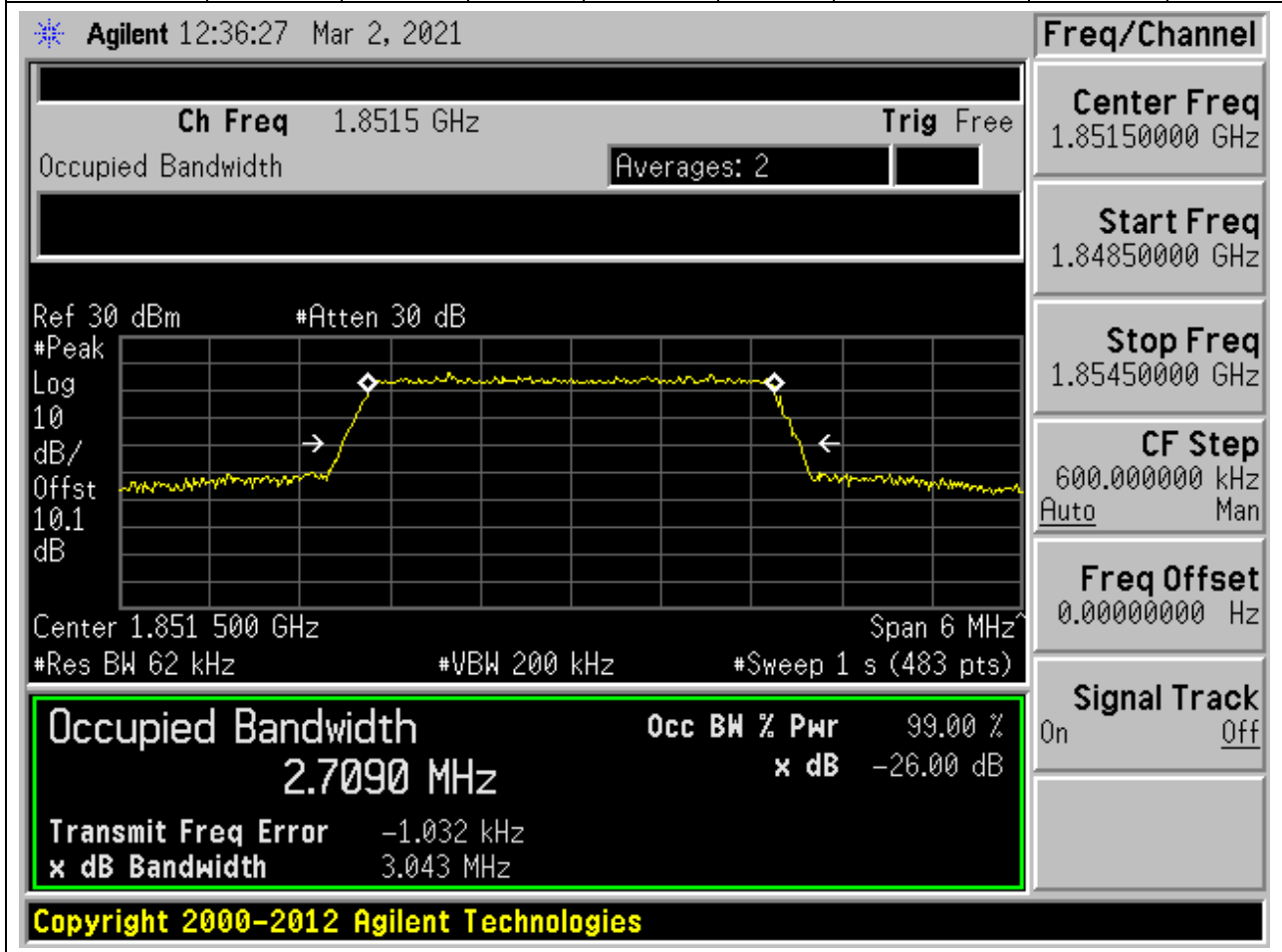
**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

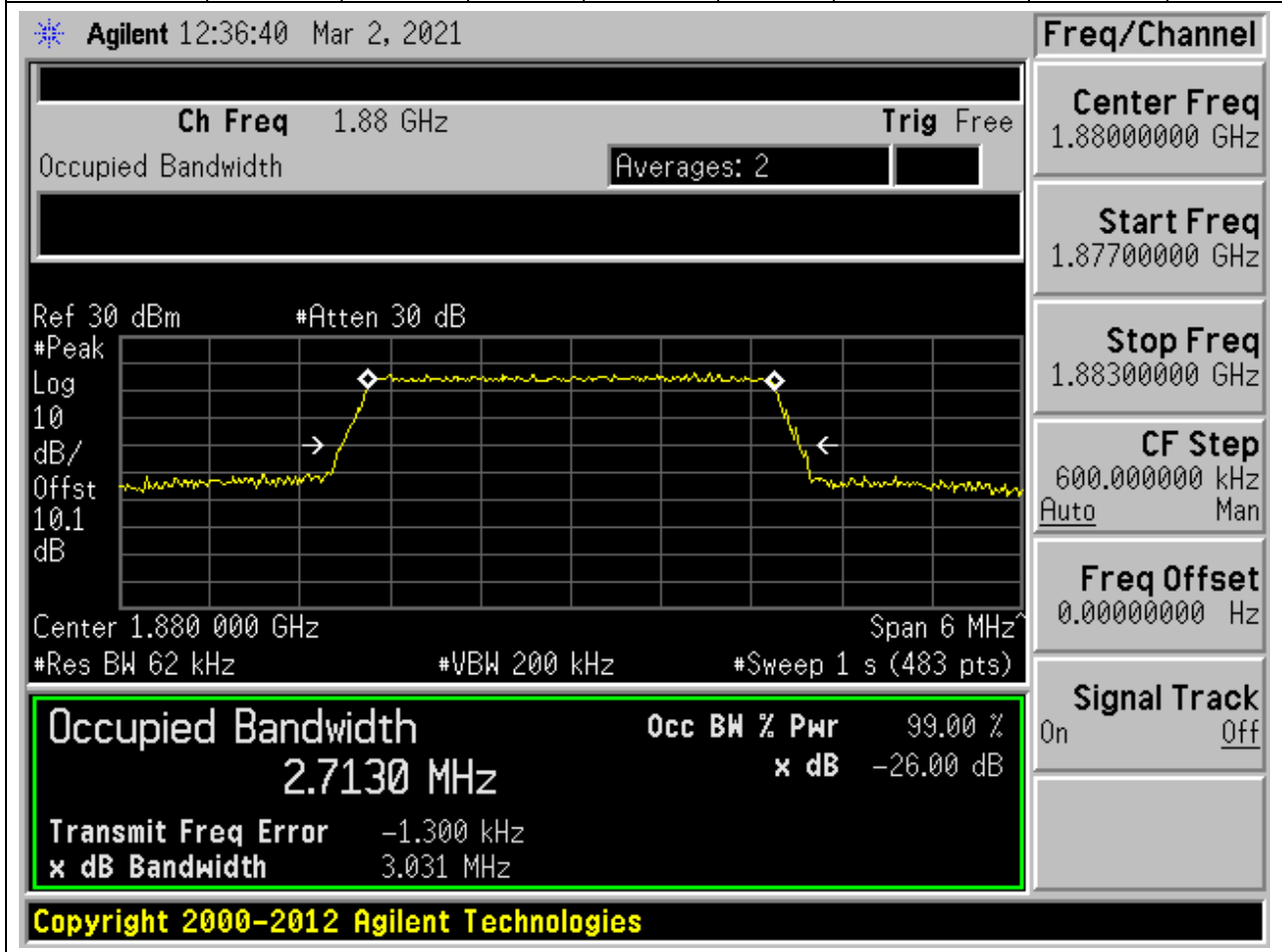
**8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.71	3.04	3	Pass



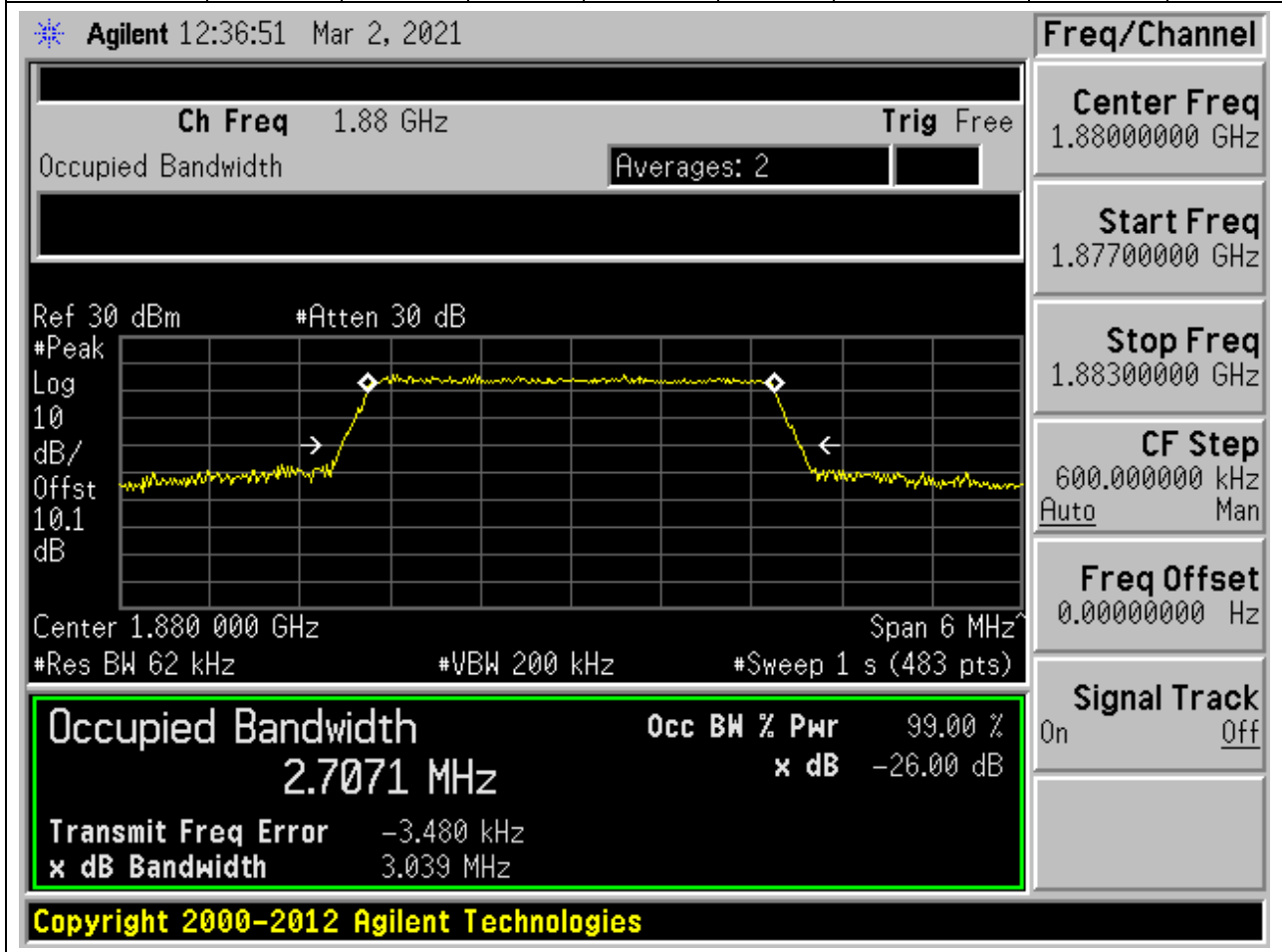
**8.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

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	2.71	3.03	3	Pass



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

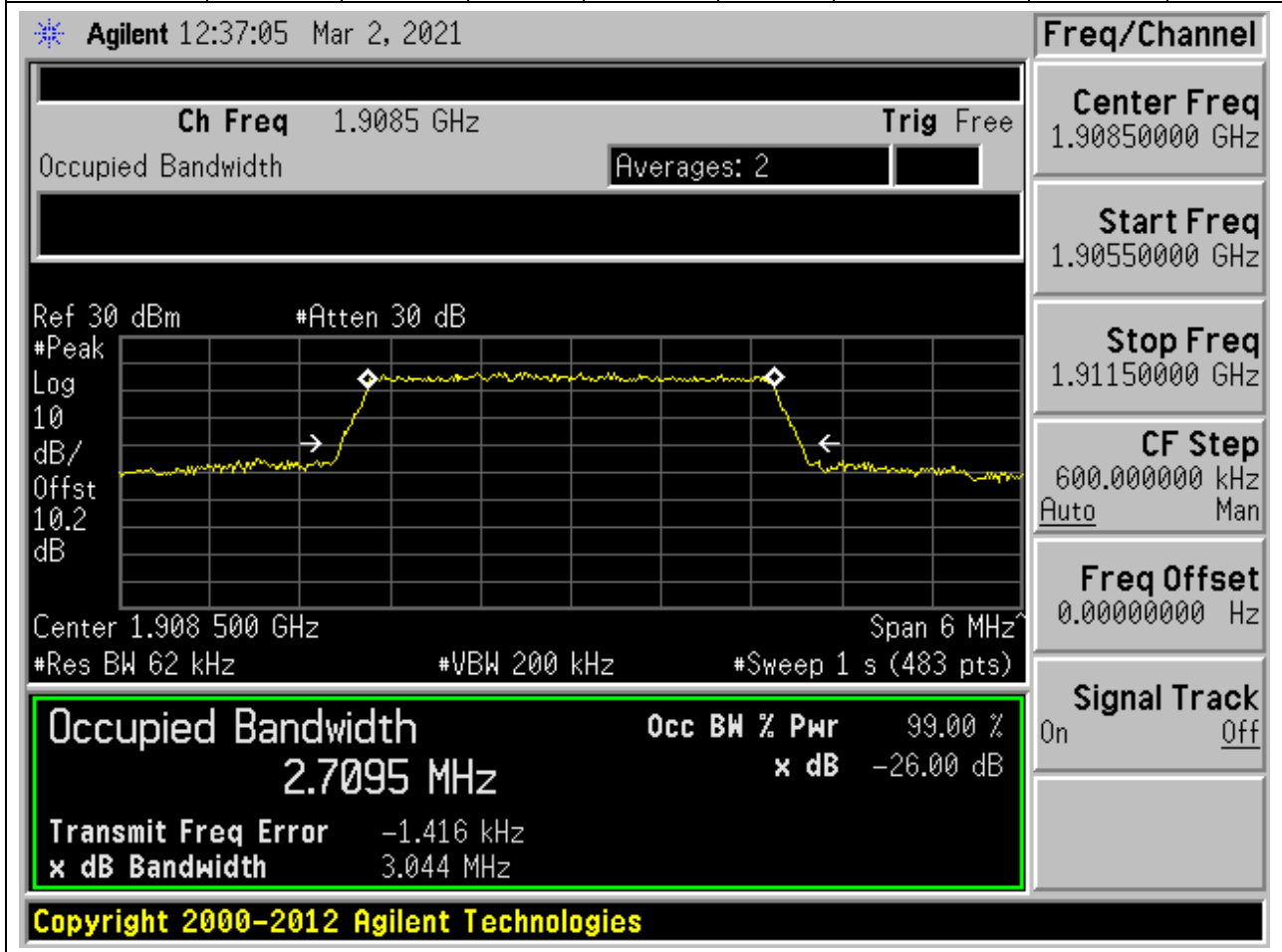
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.71	3.04	3	Pass





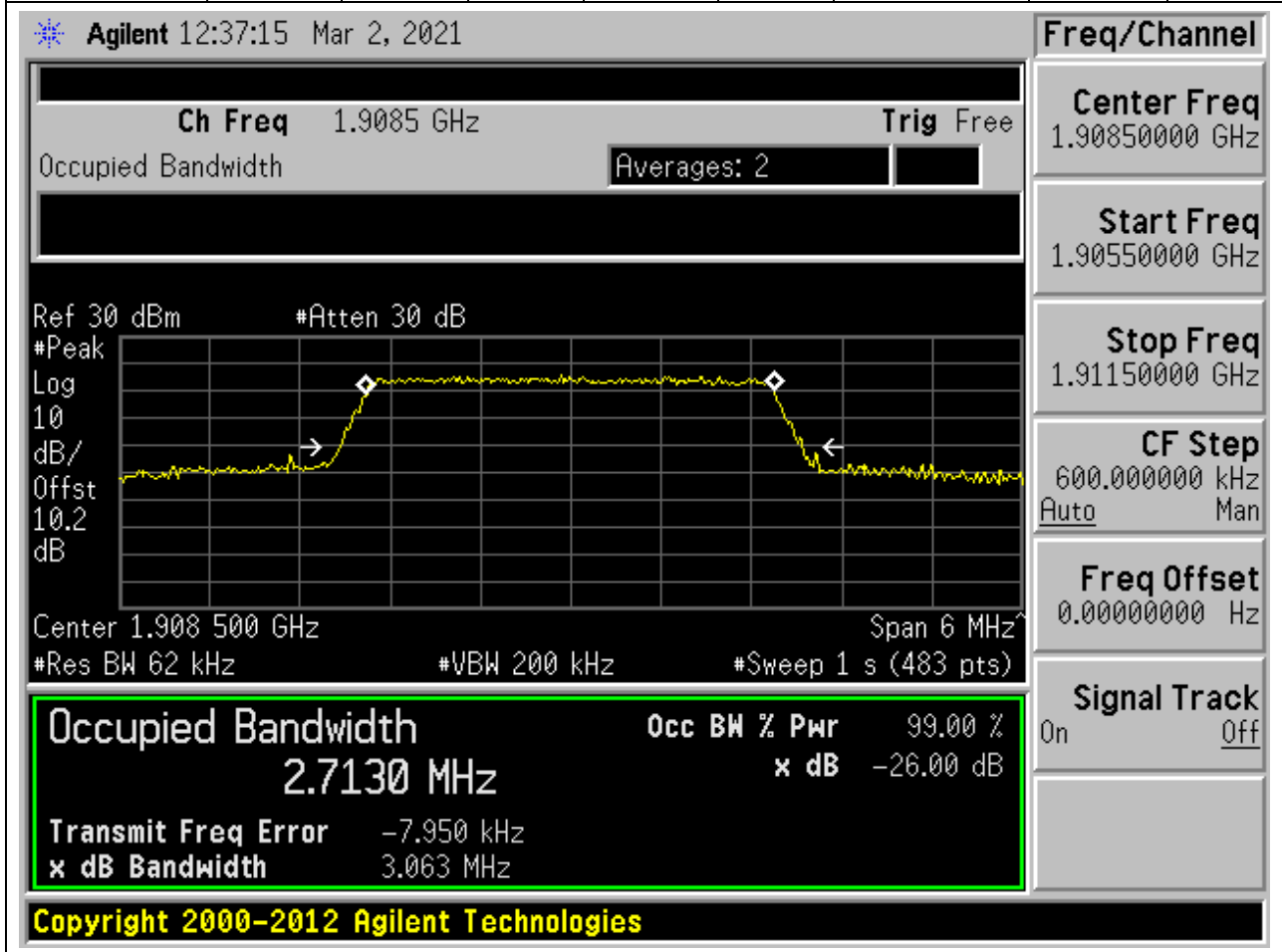
**8.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.71	3.04	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	2.71	3.06	3	Pass



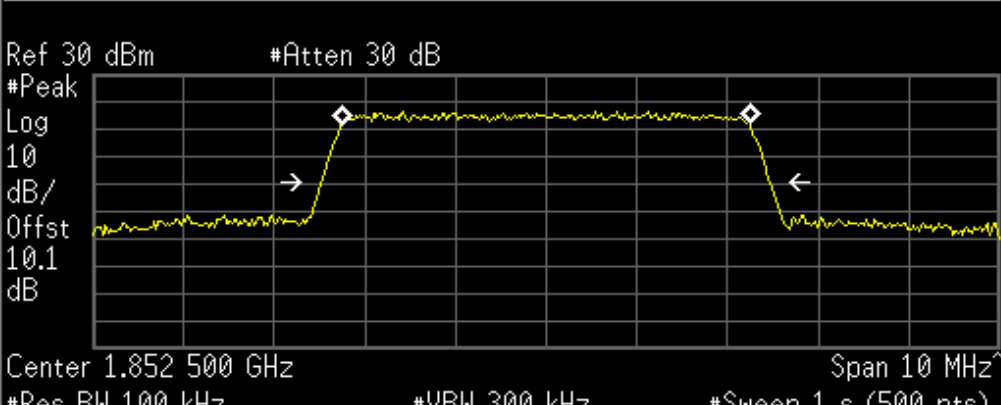
**8.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.97	5	Pass

**Agilent** 12:37:32 Mar 2, 2021

**Ch Freq** 1.8525 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.852 500 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>4.5078 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-9.345 kHz	
<b>x dB Bandwidth</b>	4.969 MHz	

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**Freq/Channel**

**Center Freq**  
1.85250000 GHz

**Start Freq**  
1.84750000 GHz

**Stop Freq**  
1.85750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

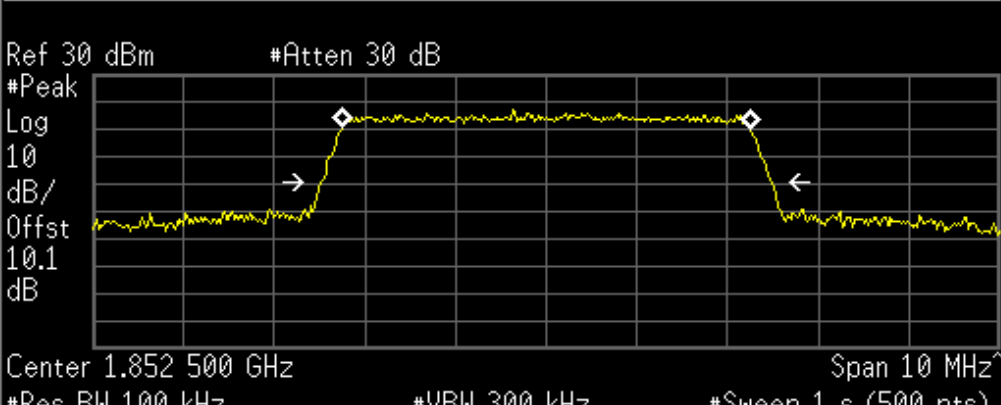
**8.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.5	4.95	5	Pass

**Agilent** 12:37:42 Mar 2, 2021

**Ch Freq** 1.8525 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

Center 1.852 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5040 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-5.249 kHz	
<b>x dB Bandwidth</b>	4.955 MHz	

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**Freq/Channel**

**Center Freq**  
1.85250000 GHz

**Start Freq**  
1.84750000 GHz

**Stop Freq**  
1.85750000 GHz

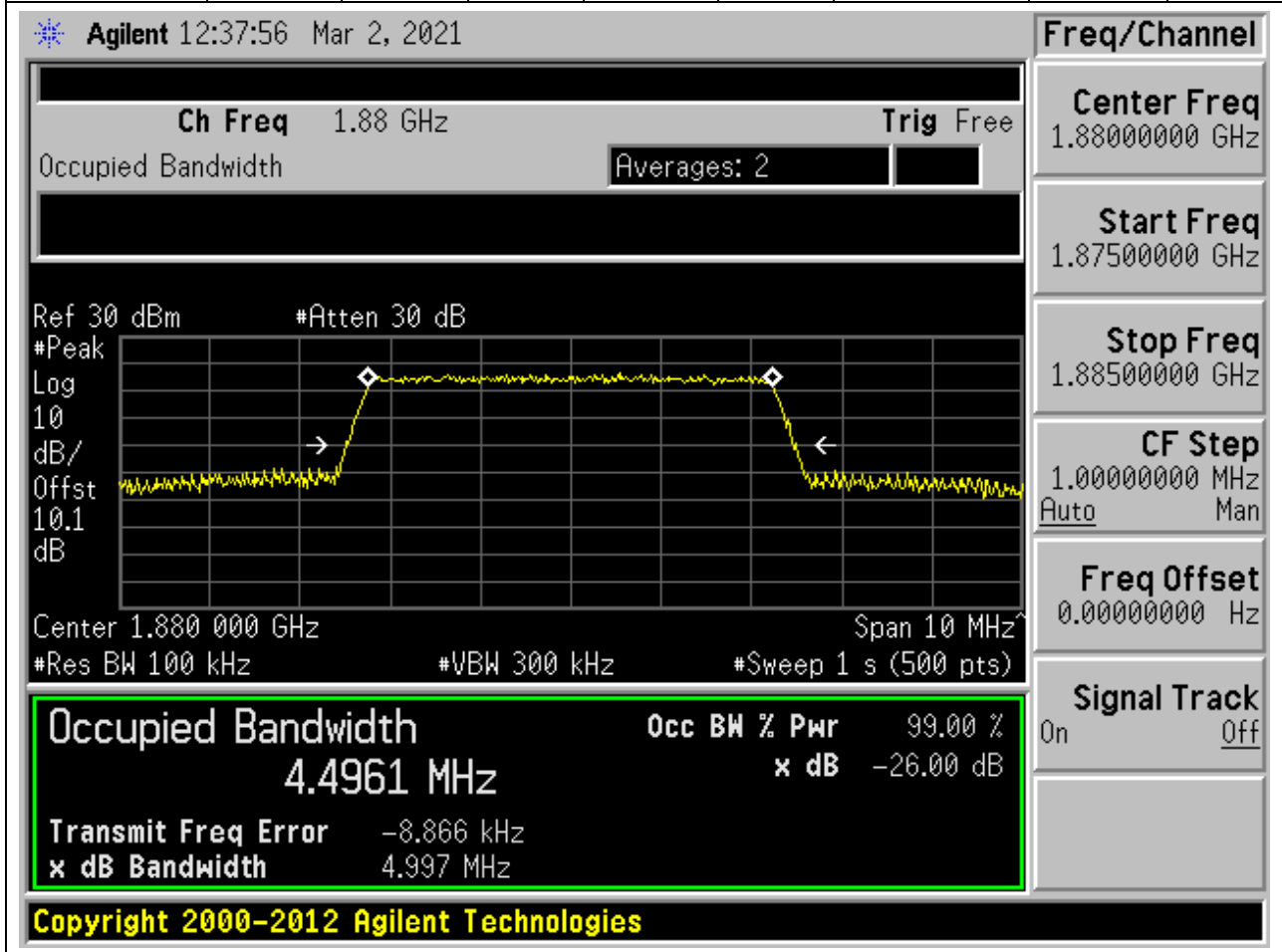
**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

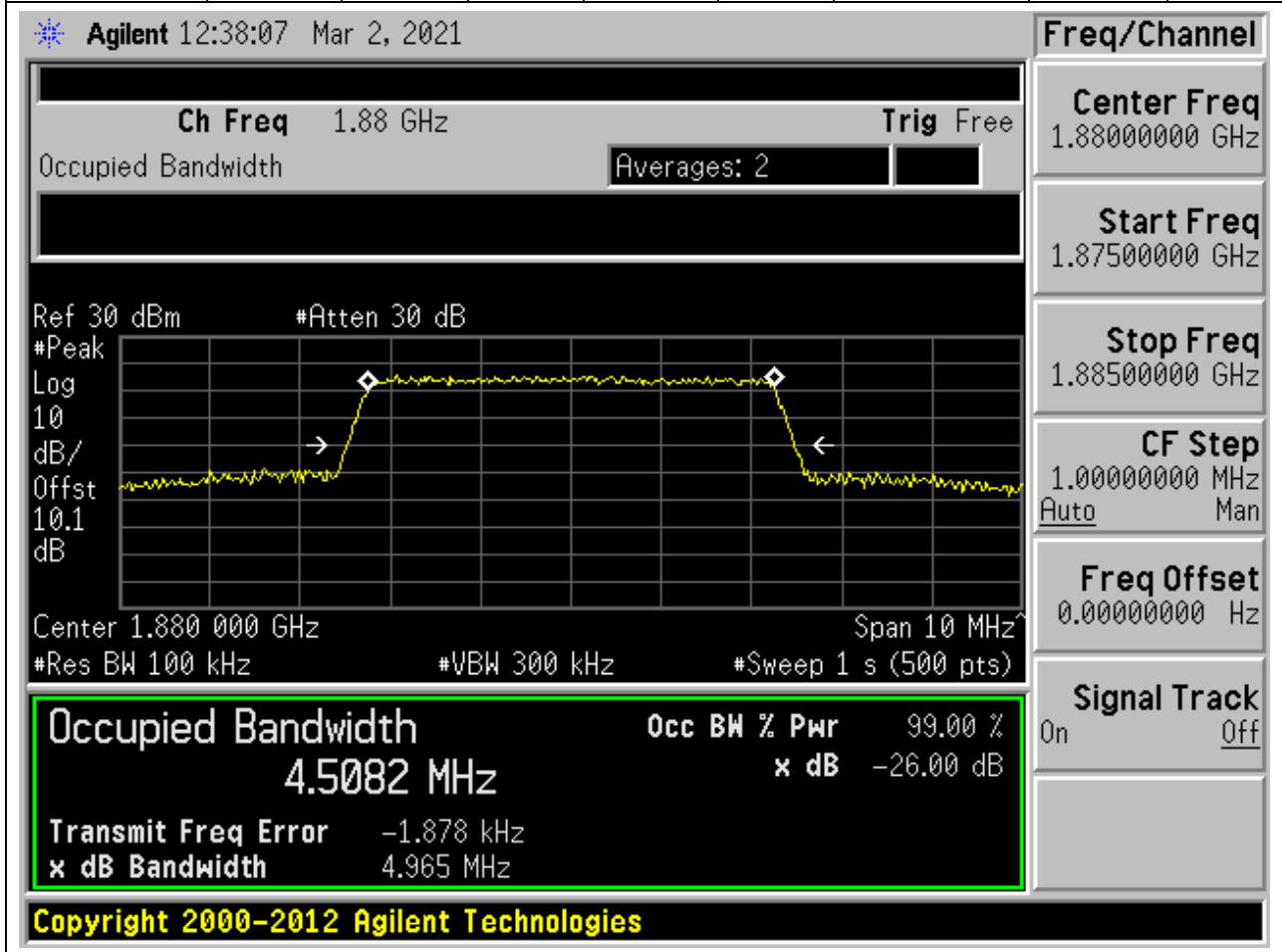
**8.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.5	5	5	Pass



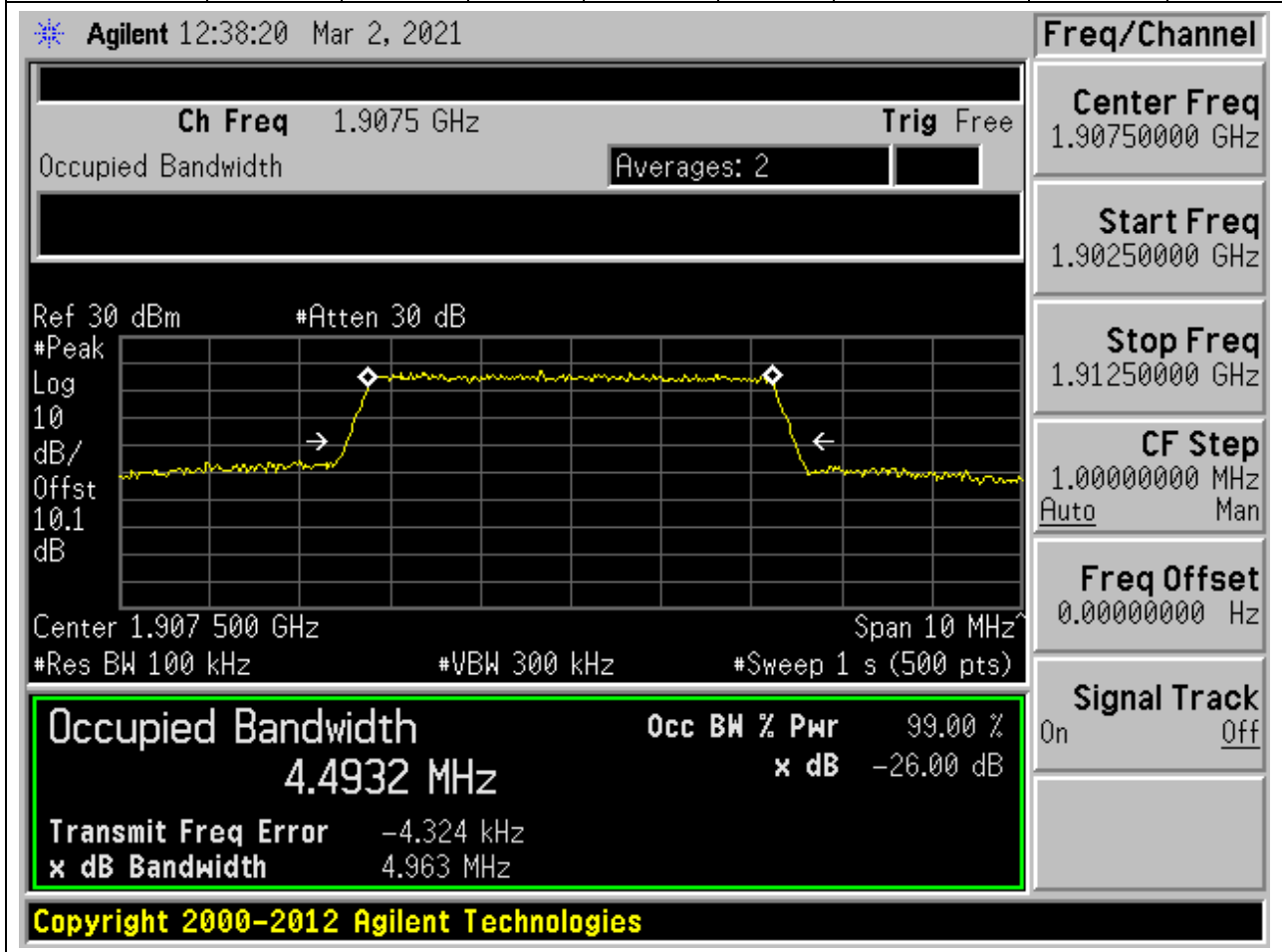
**8.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.51	4.97	5	Pass



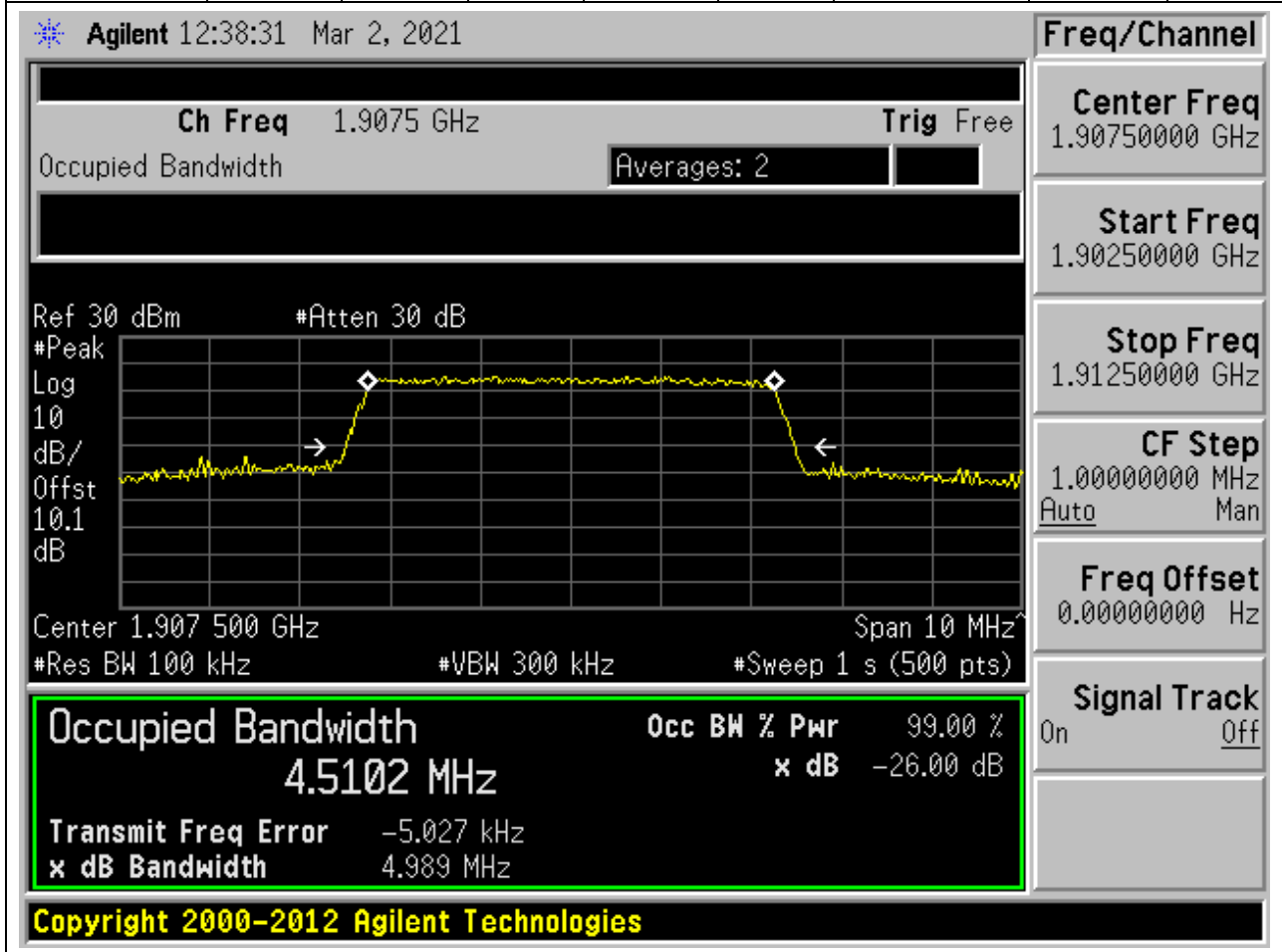
**8.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.49	4.96	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	4.51	4.99	5	Pass





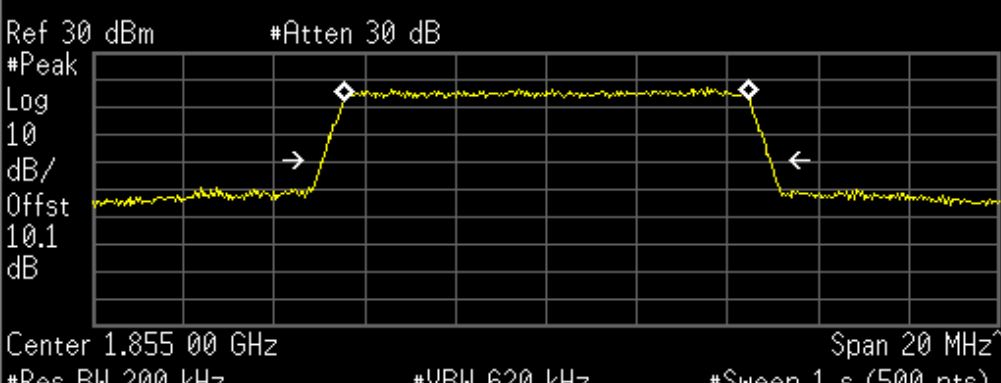
**8.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.97	9.9	10	Pass

**Agilent** 12:38:47 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.855 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9731 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.062 kHz	
<b>x dB Bandwidth</b>	9.901 MHz	

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**Freq/Channel**

**Center Freq**  
1.85500000 GHz

**Start Freq**  
1.84500000 GHz

**Stop Freq**  
1.86500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

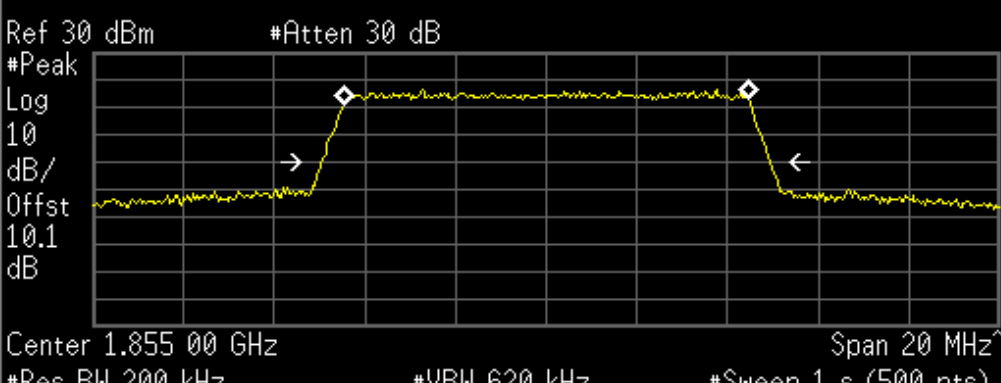
**8.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.96	9.92	10	Pass

**Agilent** 12:38:58 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 1.855 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9600 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.762 kHz	
<b>x dB Bandwidth</b>	9.923 MHz	

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**Freq/Channel**

**Center Freq**  
1.85500000 GHz

**Start Freq**  
1.84500000 GHz

**Stop Freq**  
1.86500000 GHz

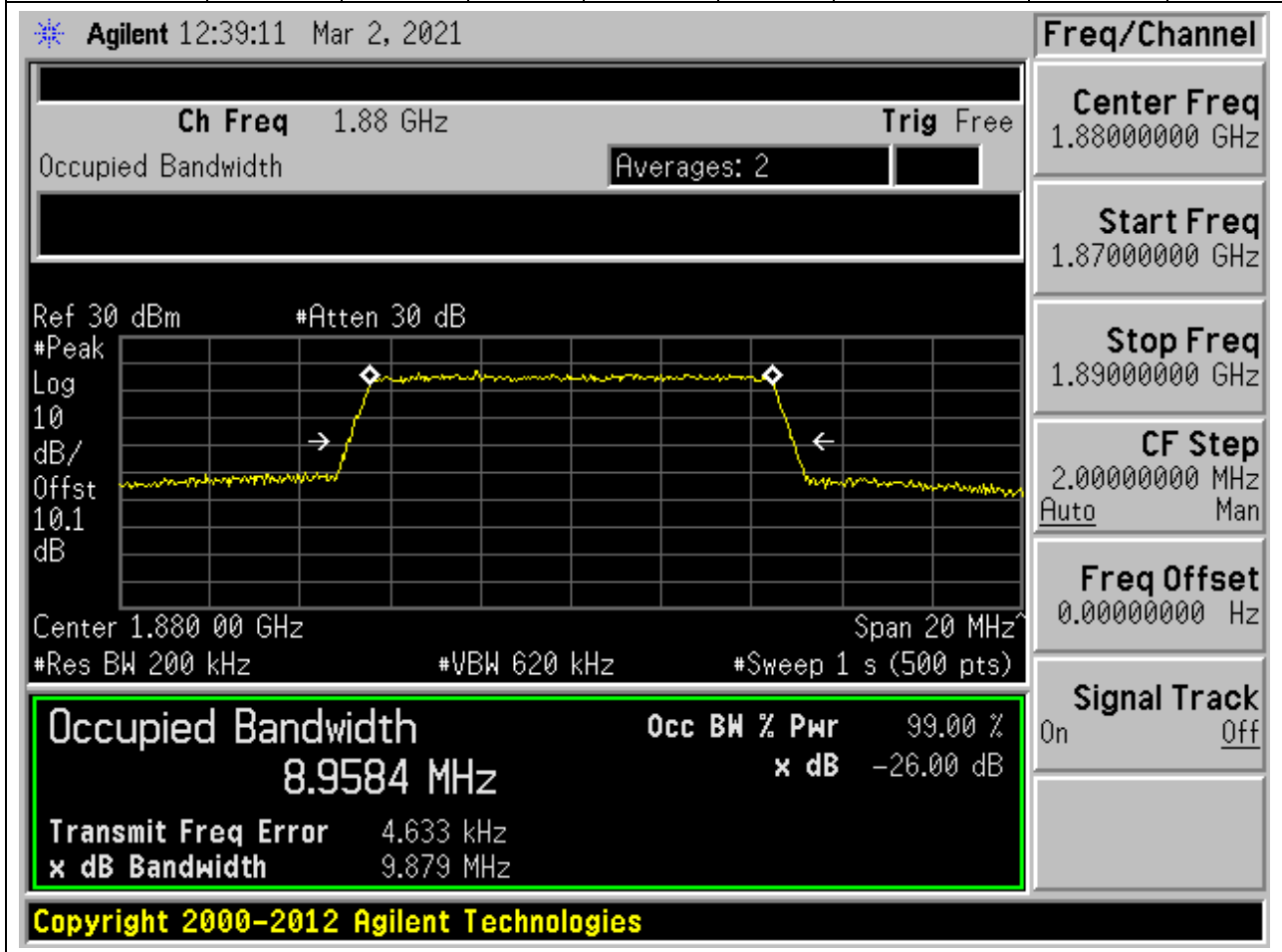
**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

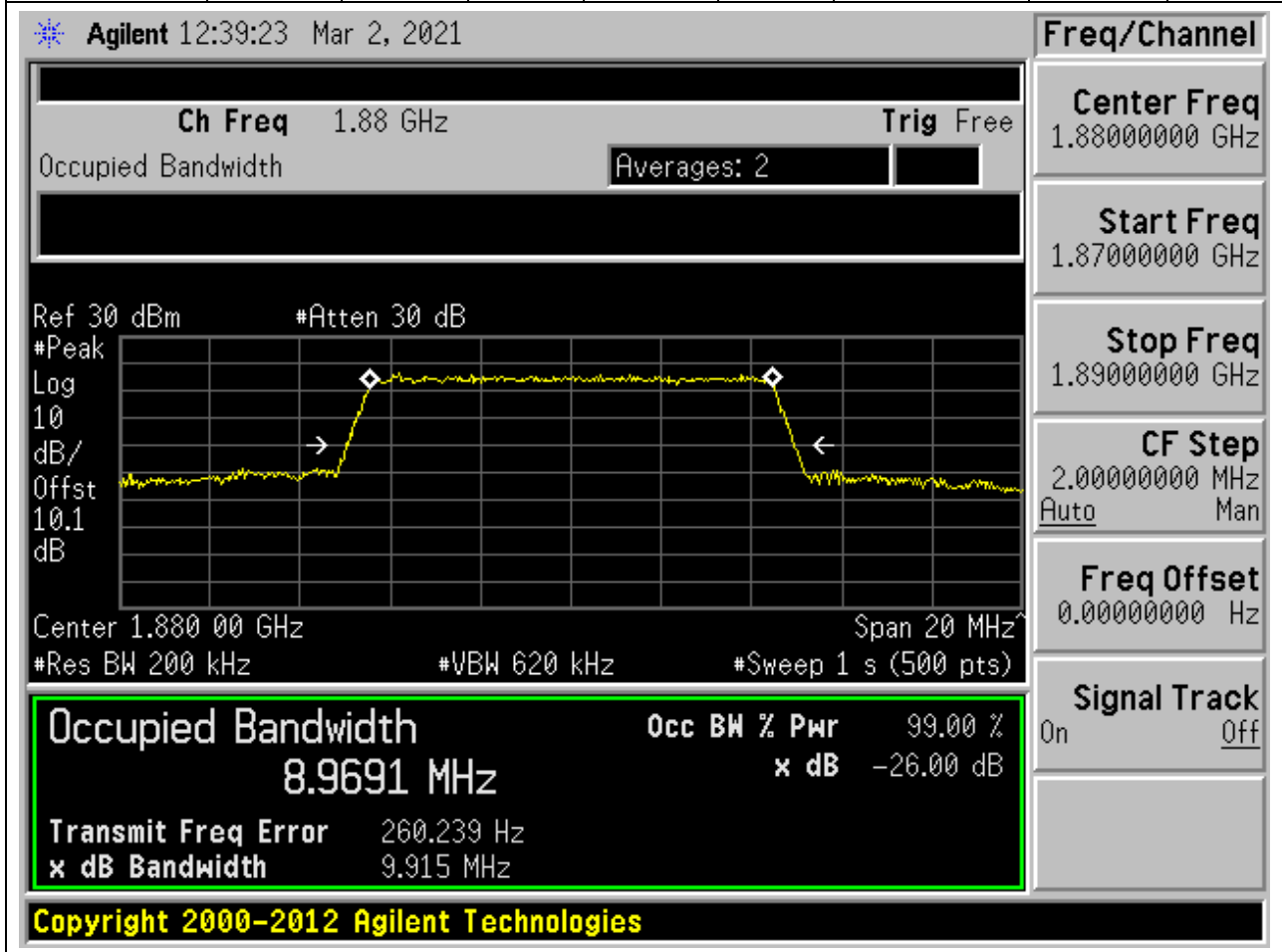
**8.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.96	9.88	10	Pass



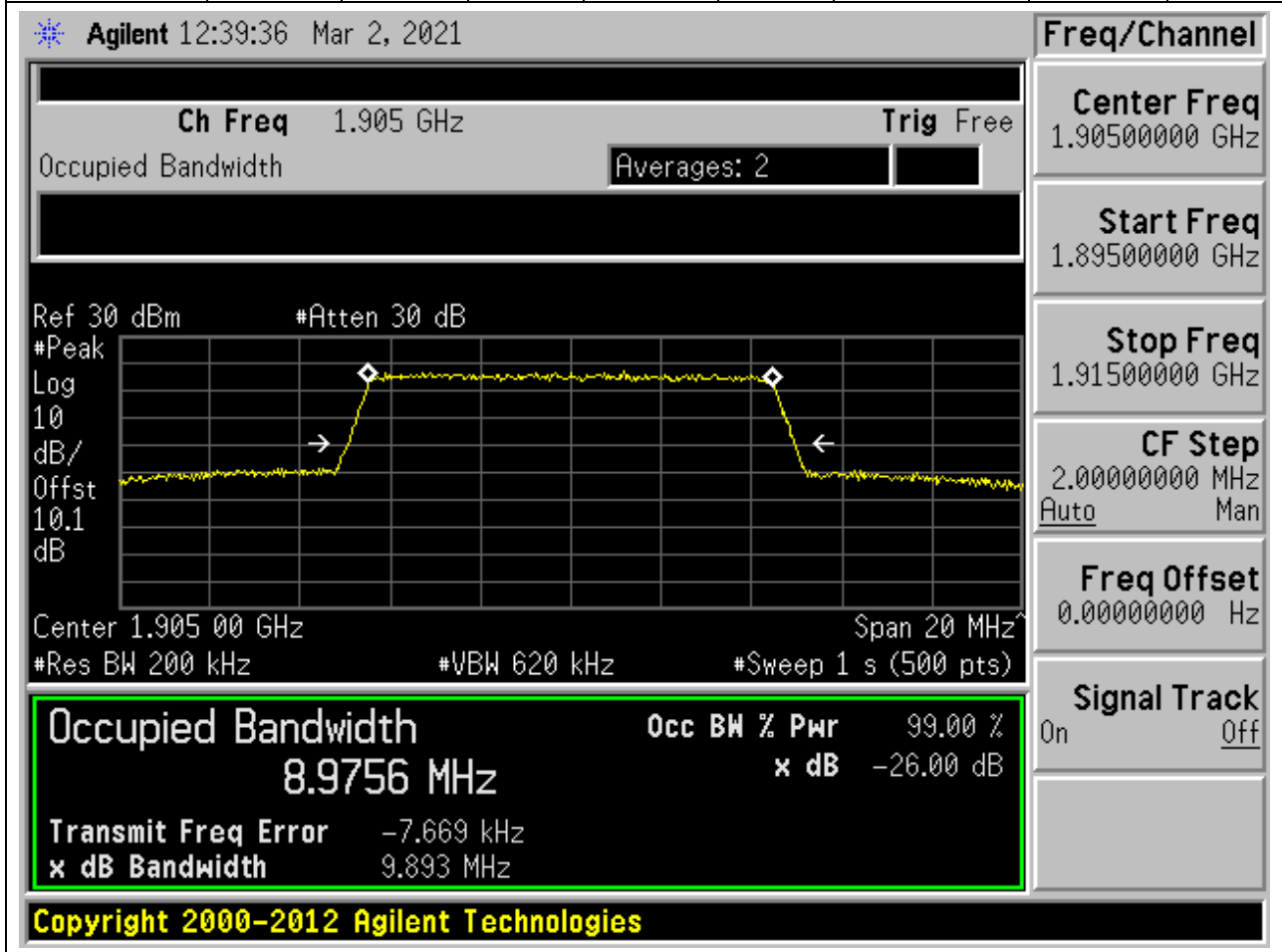
**8.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.97	9.92	10	Pass



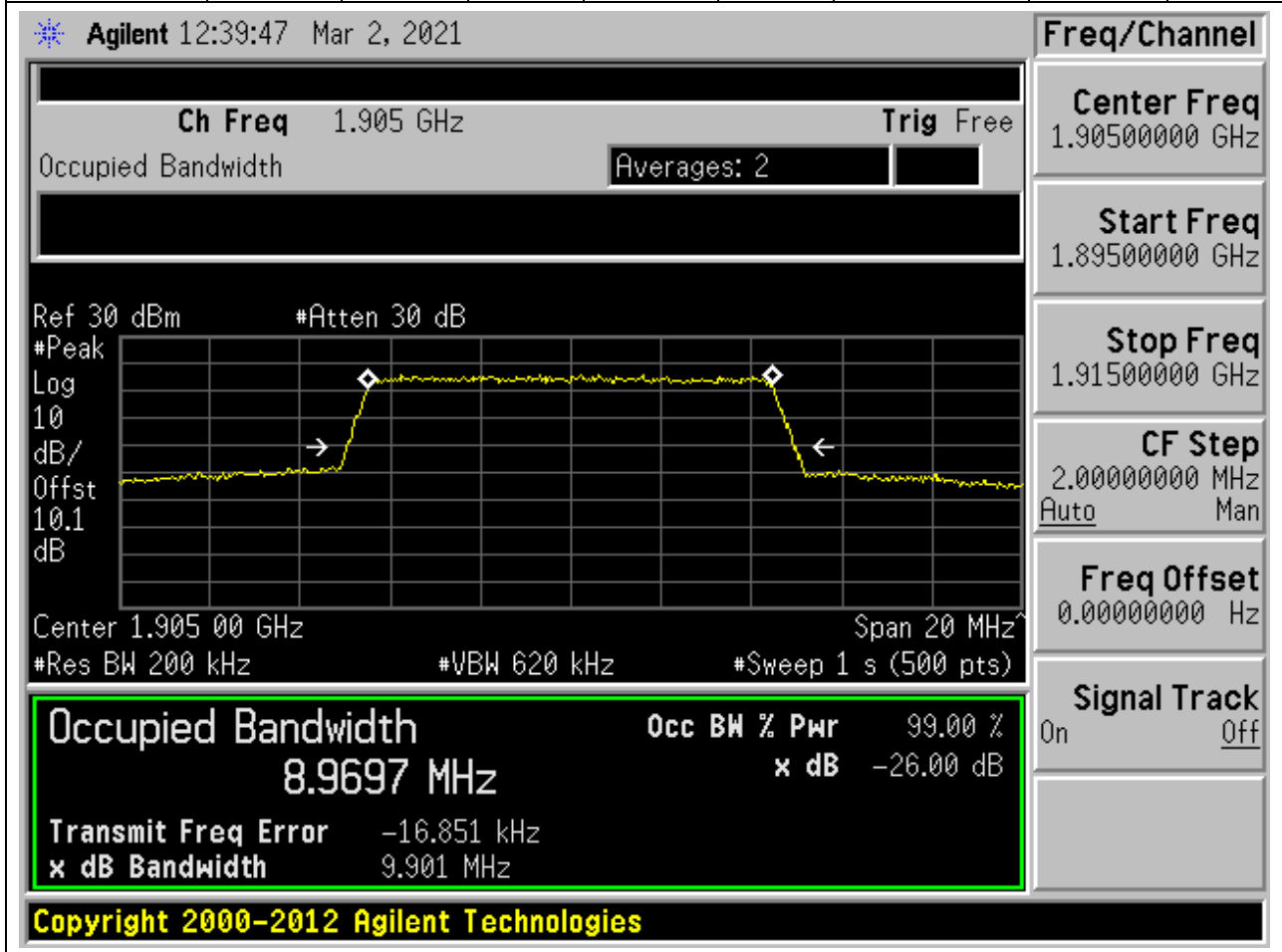
**8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.98	9.89	10	Pass



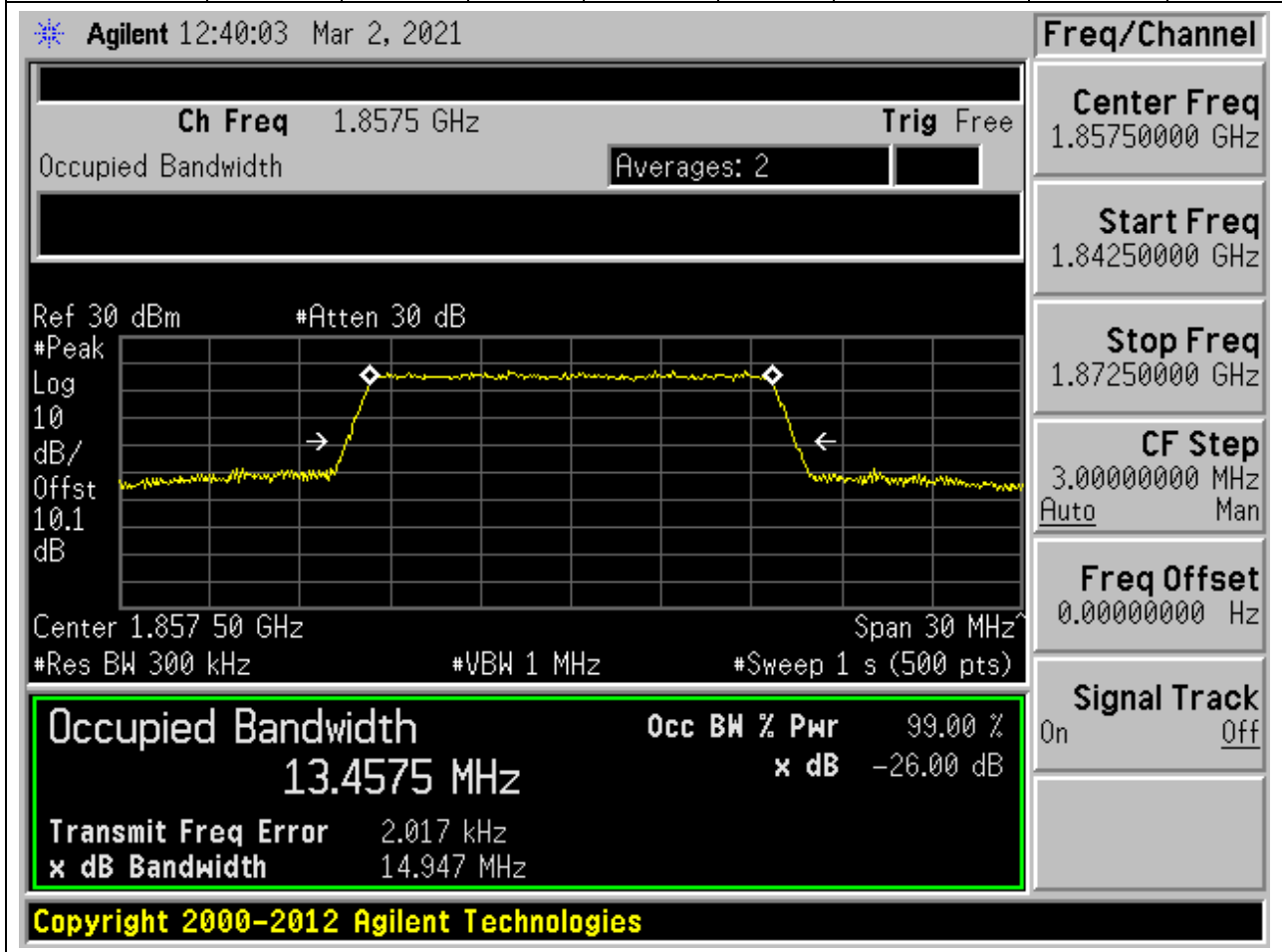
**8.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.97	9.9	10	Pass



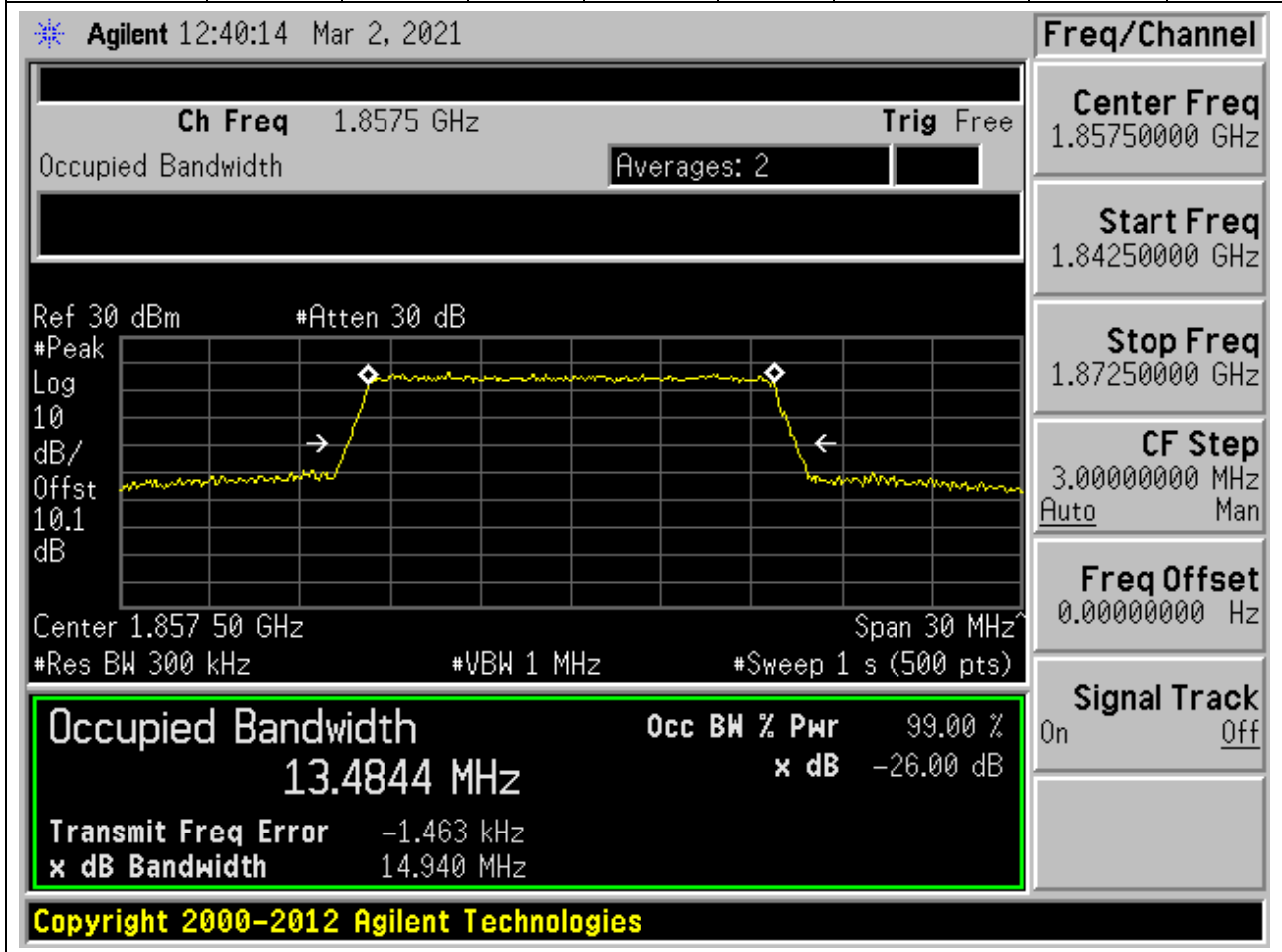
**8.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.46	14.95	15	Pass



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

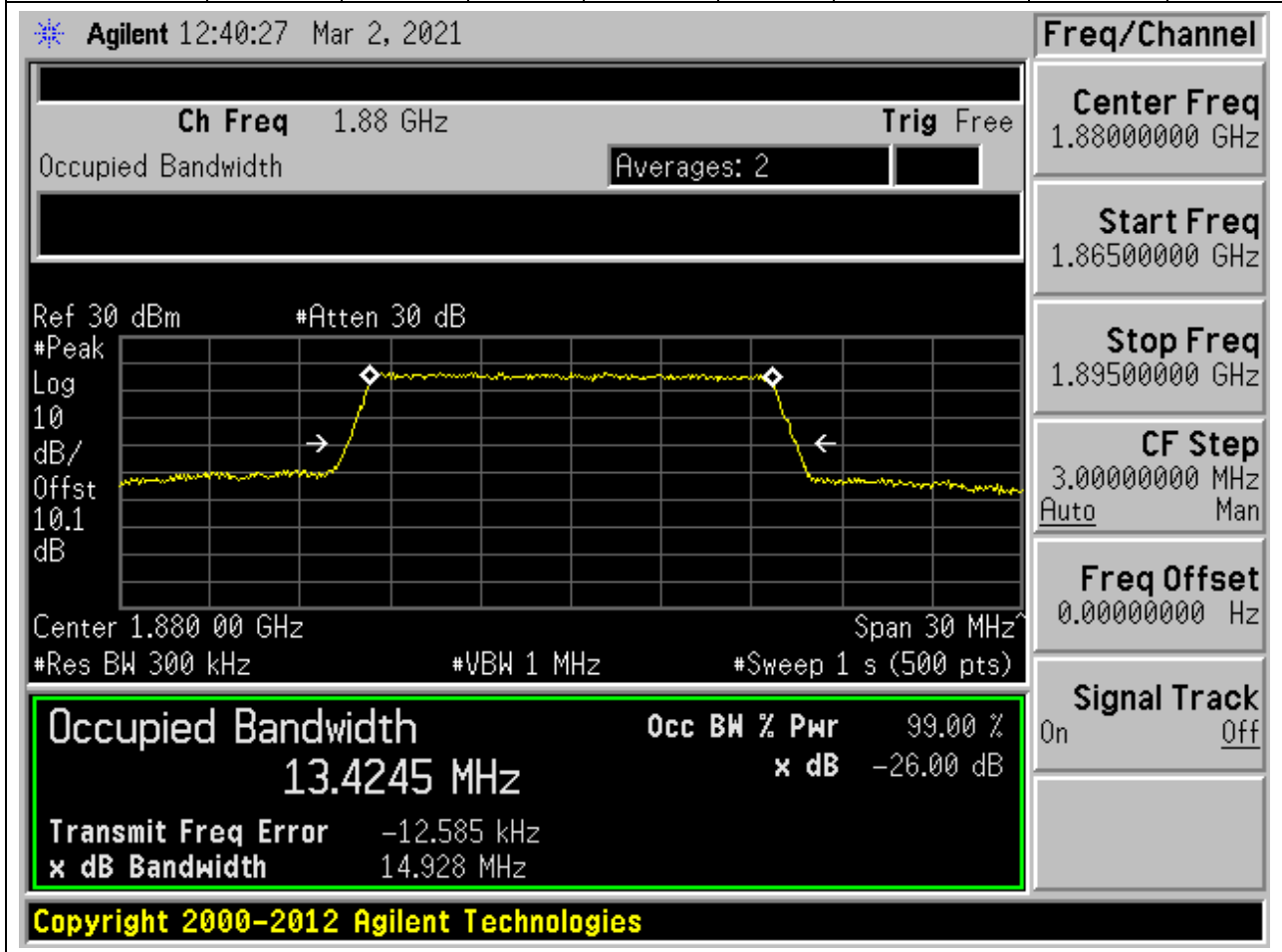
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.48	14.94	15	Pass





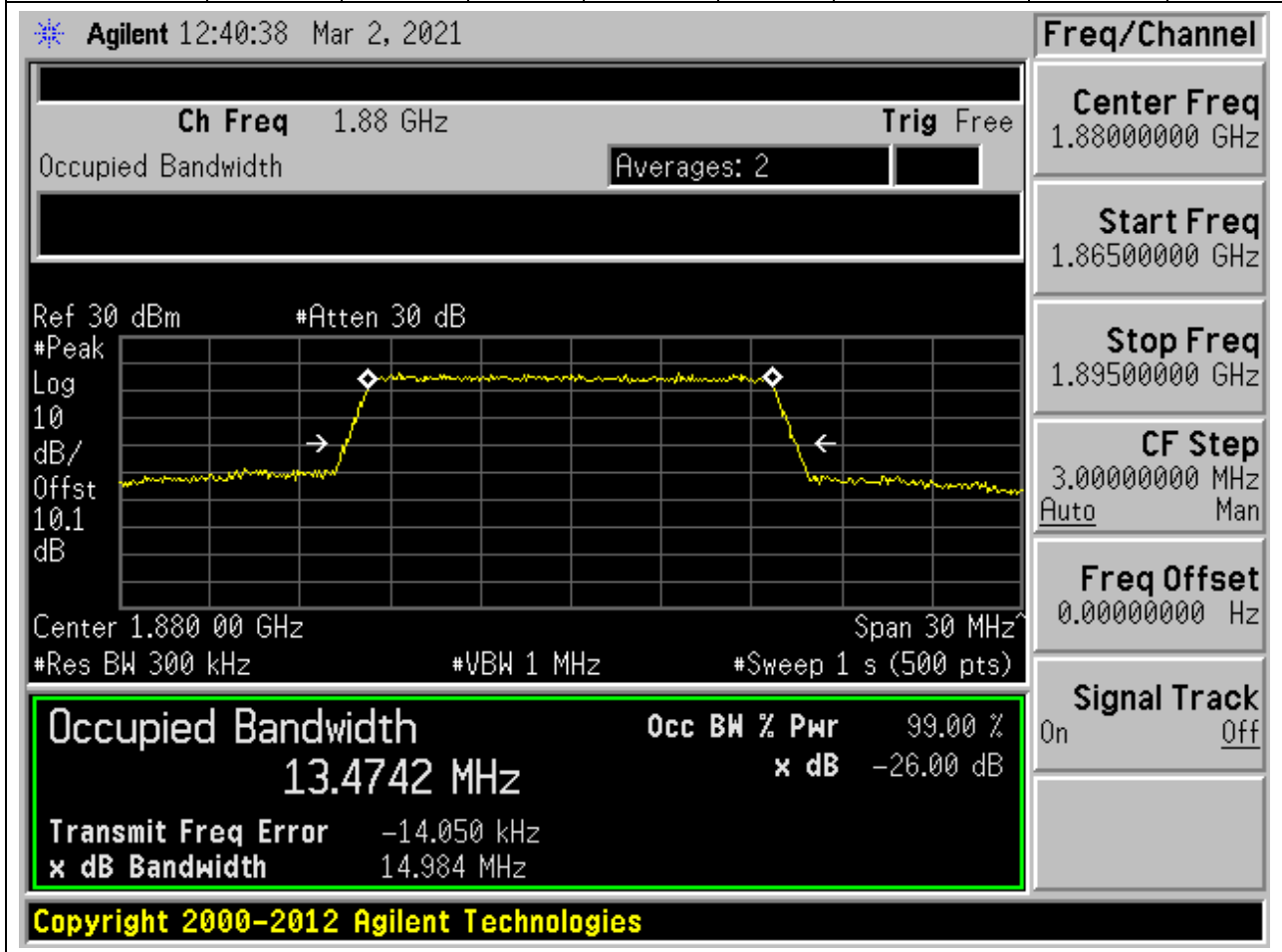
**8.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.42	14.93	15	Pass



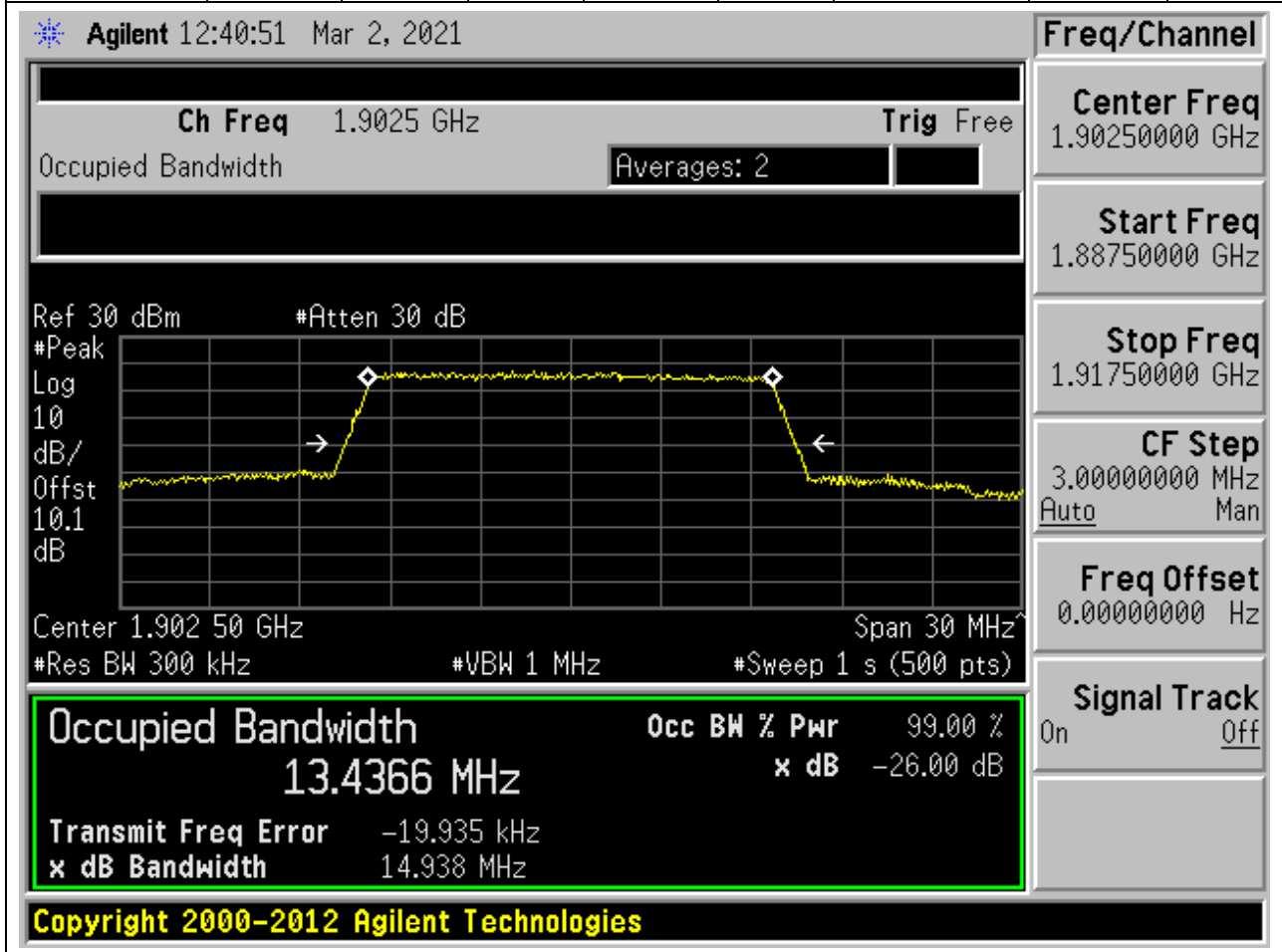
**8.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.47	14.98	15	Pass



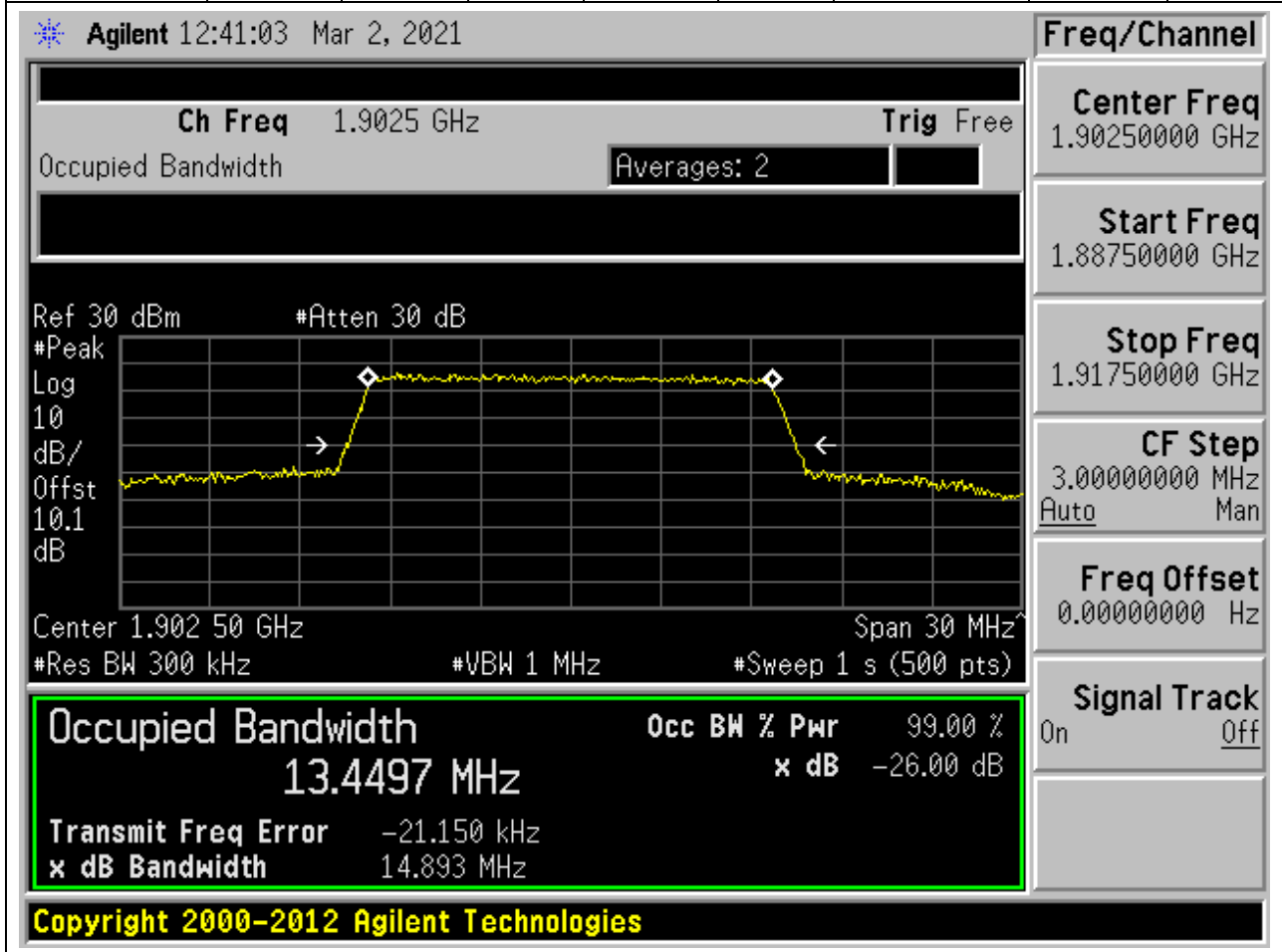
**8.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.44	14.94	15	Pass



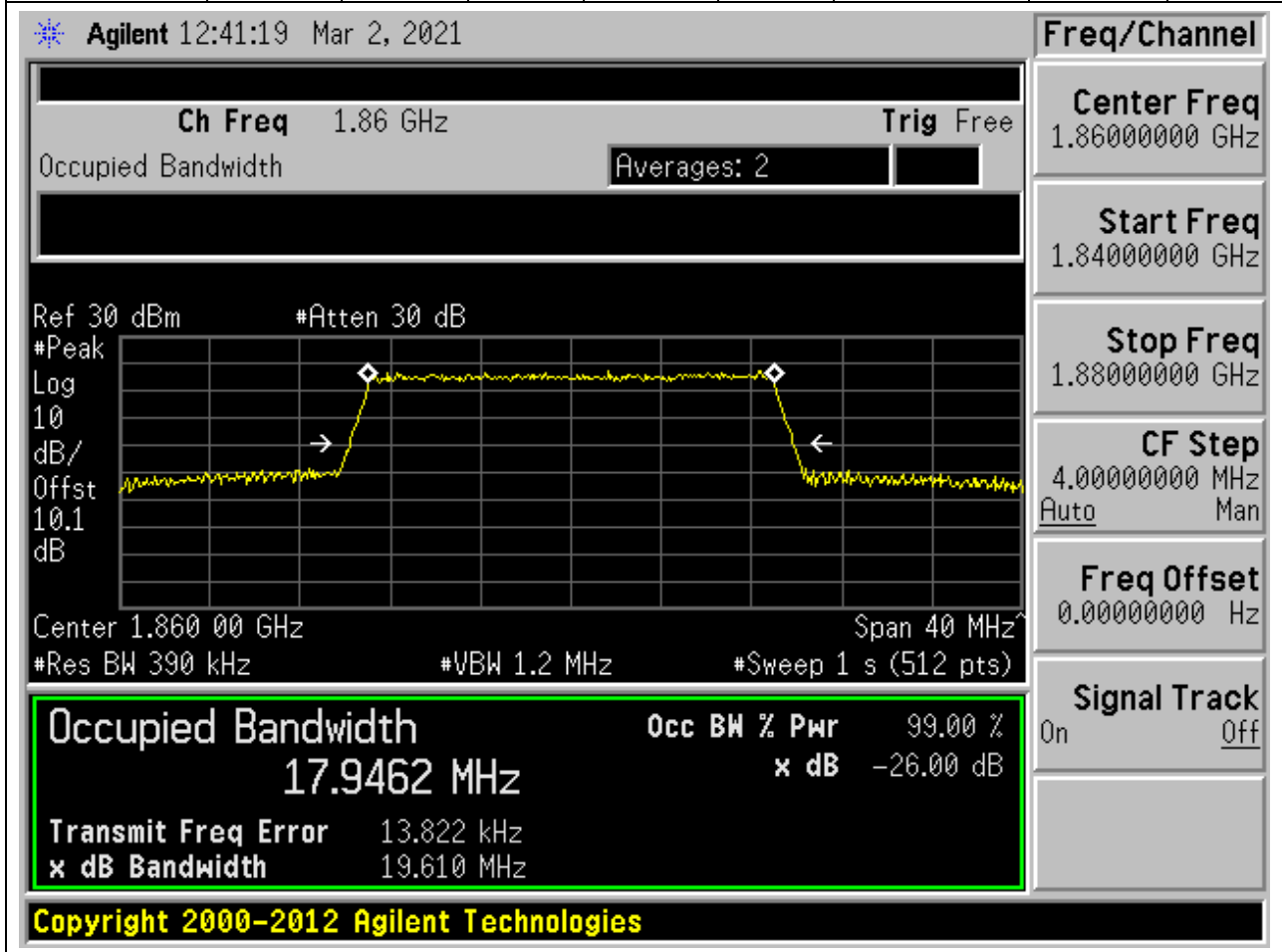
**8.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.45	14.89	15	Pass



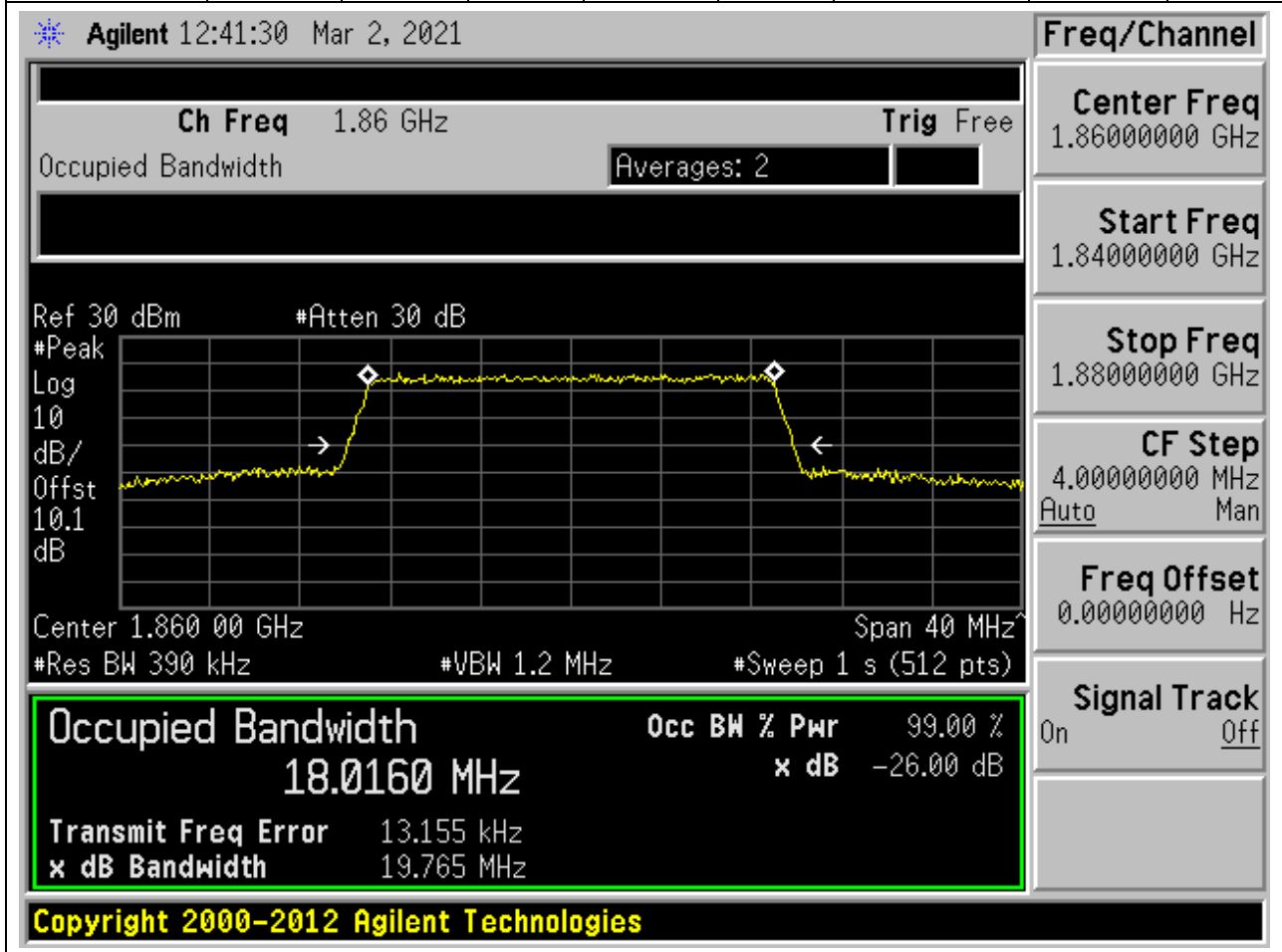
**8.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.95	19.61	20	Pass



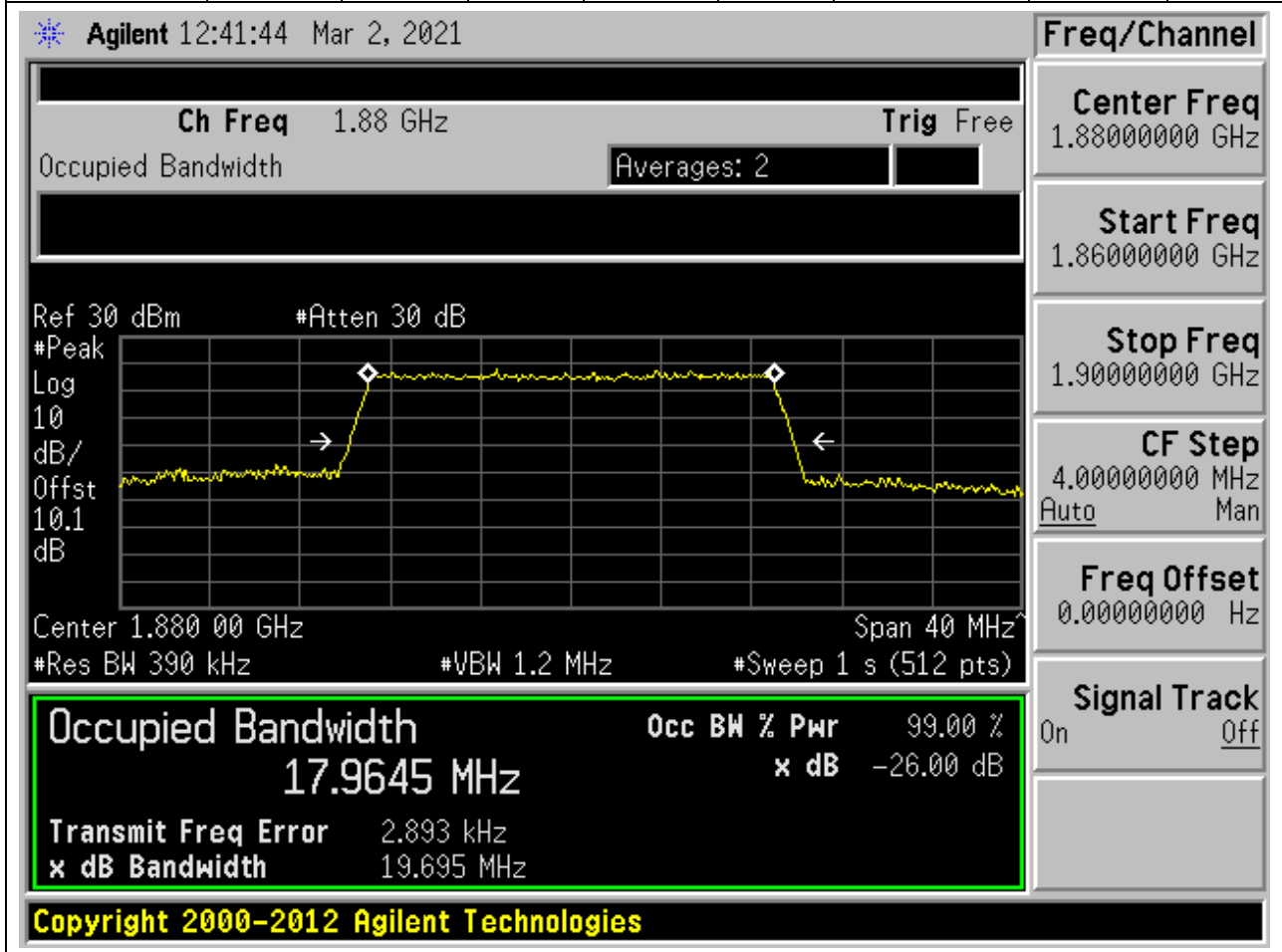
**8.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	18.02	19.76	20	Pass



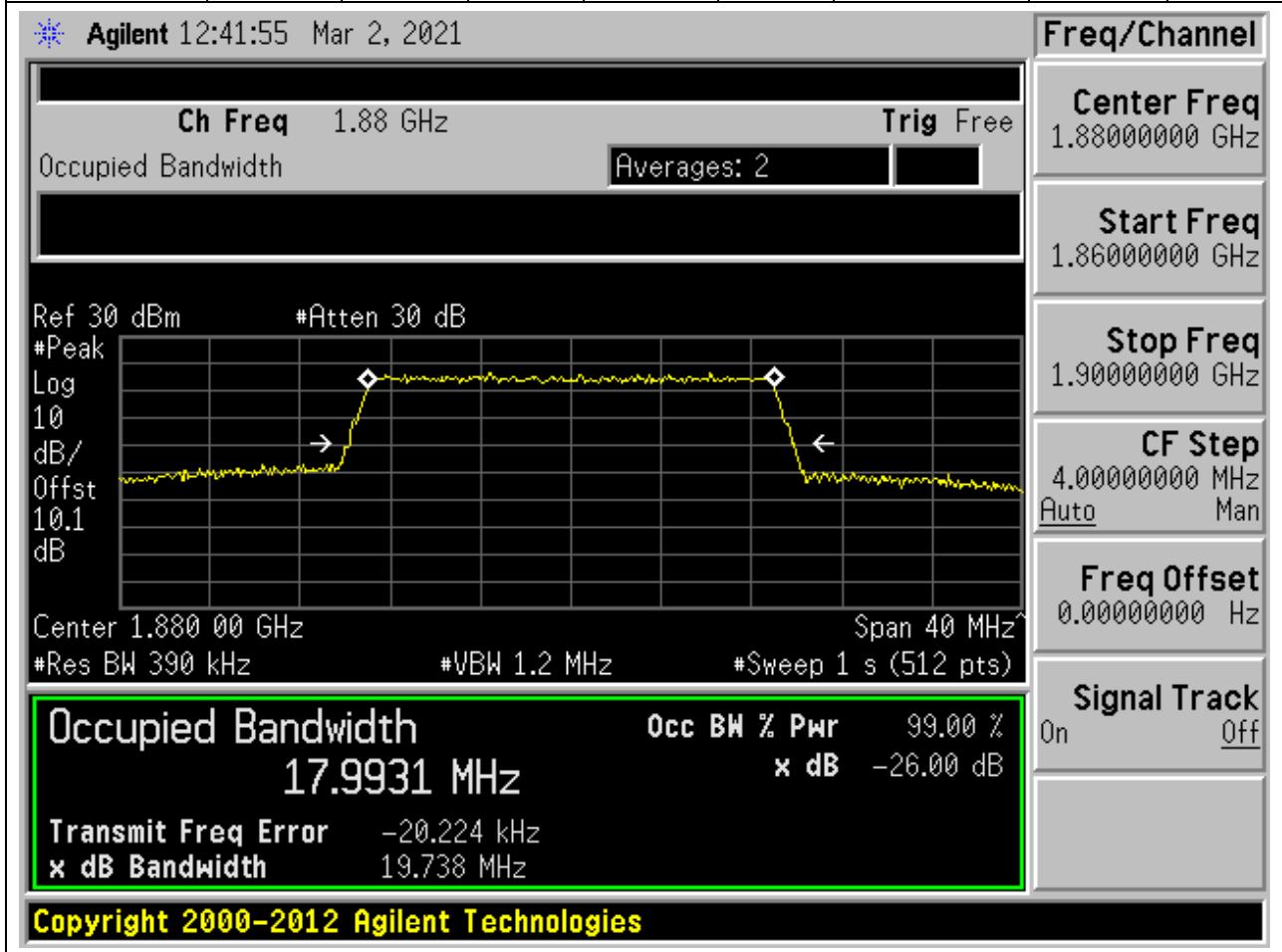
**8.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.96	19.7	20	Pass



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

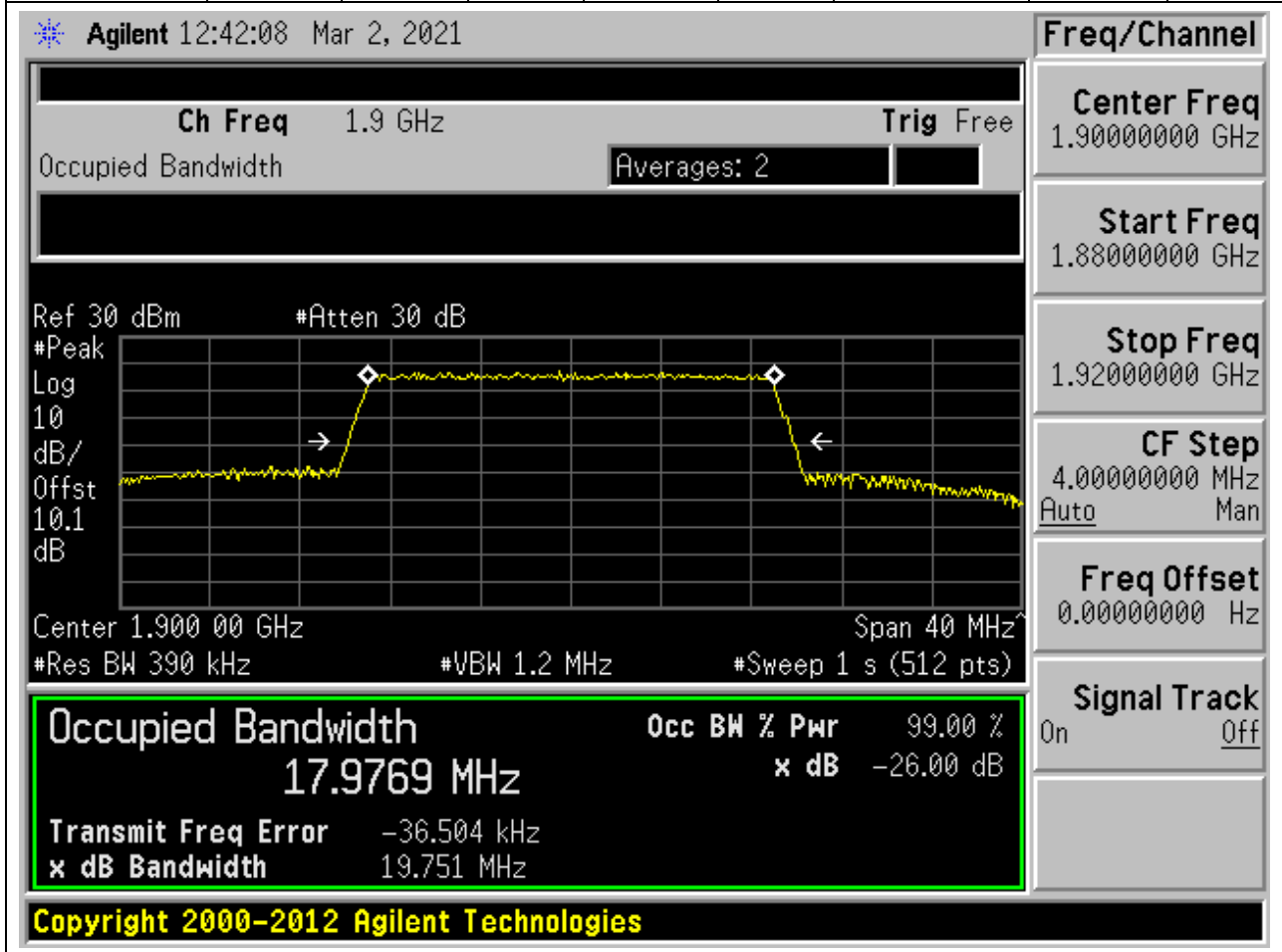
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.39	Peak	17.99	19.74	20	Pass





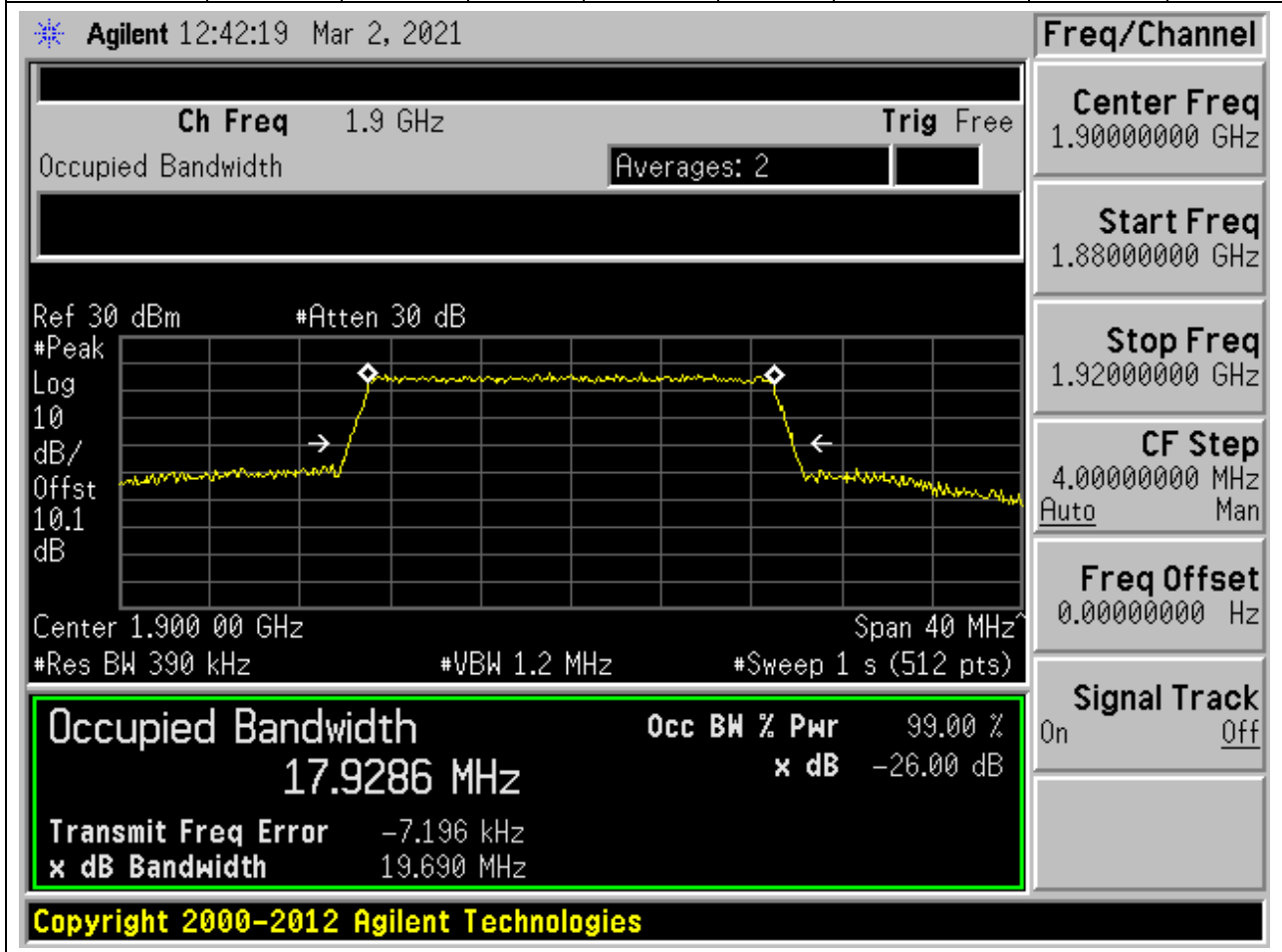
**8.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.98	19.75	20	Pass



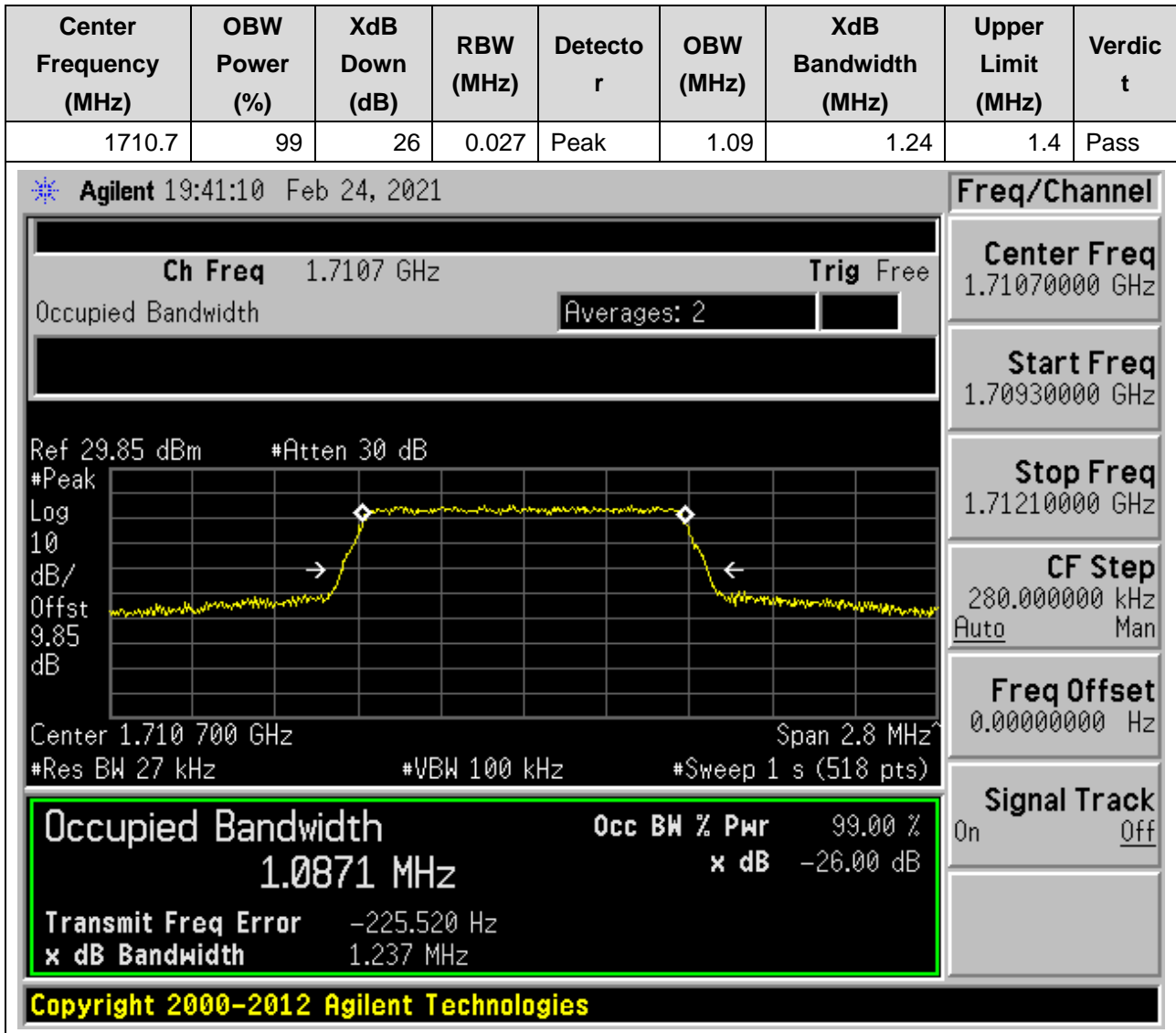
**8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.93	19.69	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)**

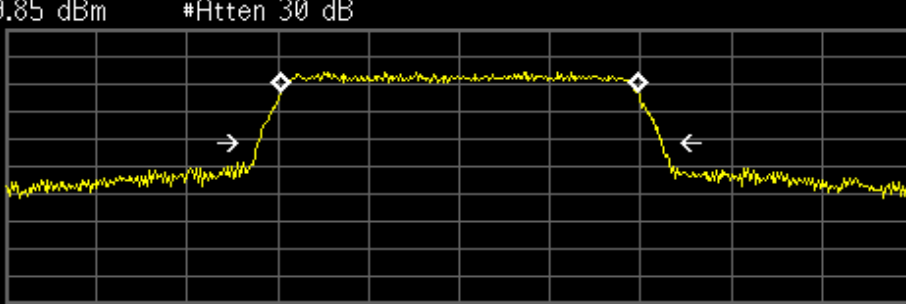
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.1	1.25	1.4	Pass

**Agilent** 19:41:20 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.85 dBm #Atten 30 dB



Center 1.710 700 GHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
1.71070000 GHz

**Start Freq**  
1.70930000 GHz

**Stop Freq**  
1.71210000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

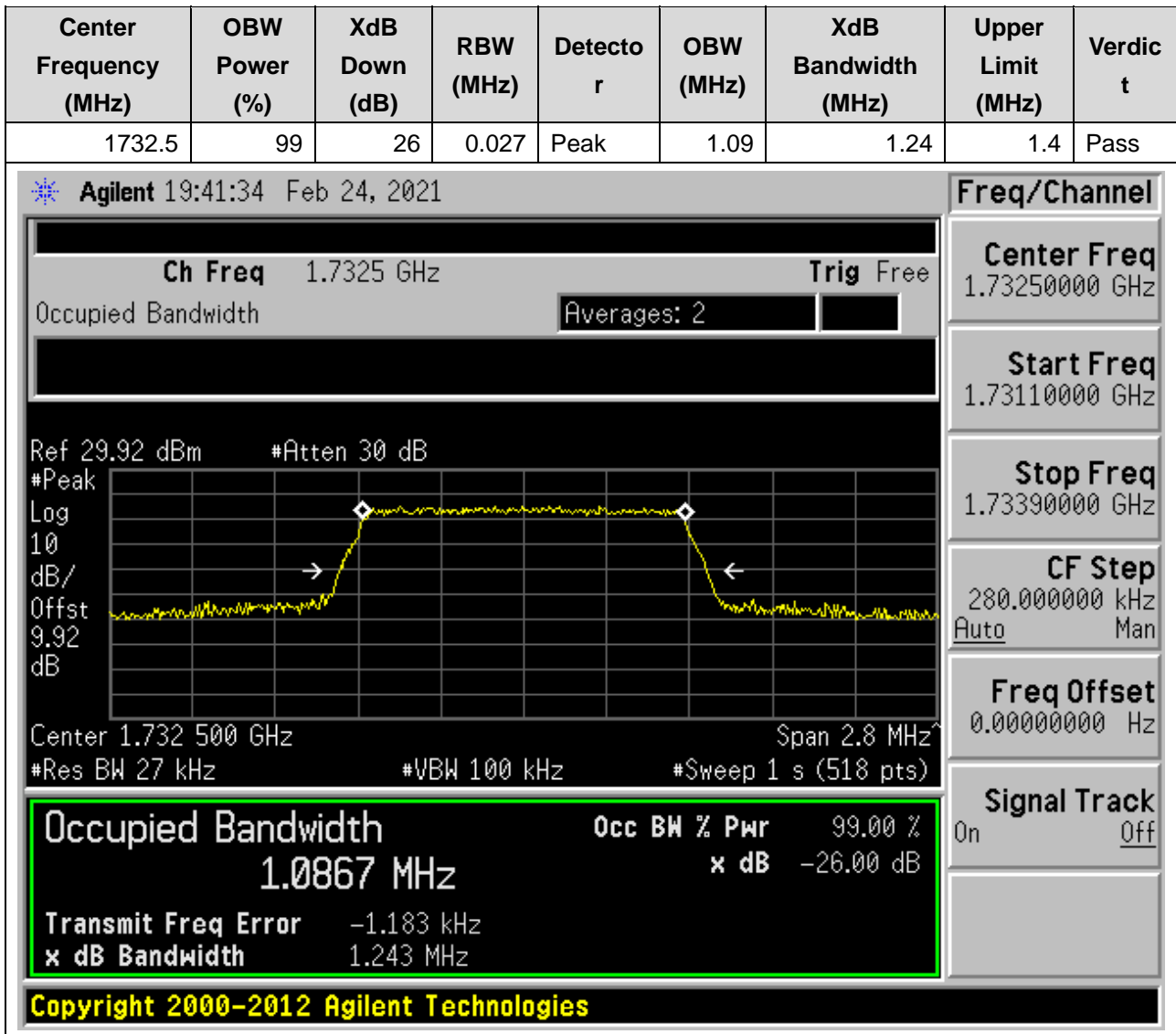
**1.0973 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 286.363 Hz

**x dB Bandwidth** 1.246 MHz

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



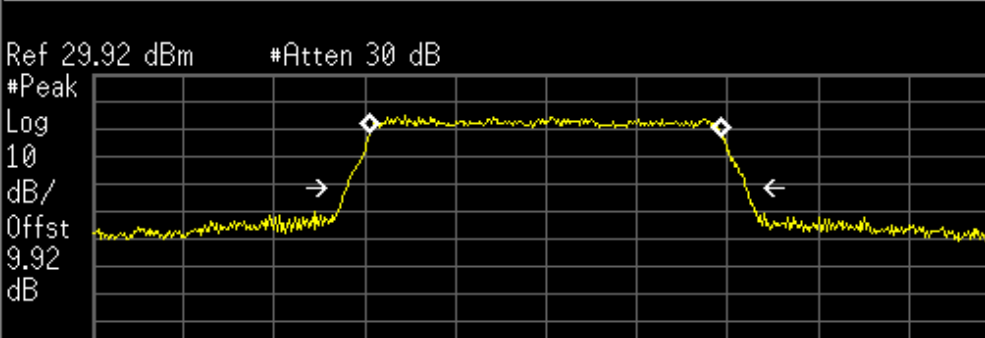
**9.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 19:41:45 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.92 dB

Center 1.732 500 GHz Span 2.8 MHz

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

**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

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

**1.0854 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.104 kHz

**x dB Bandwidth** 1.237 MHz

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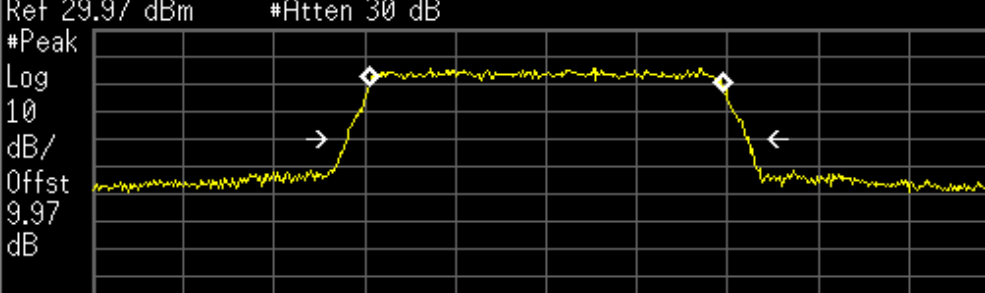
**9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.09	1.25	1.4	Pass

**Agilent** 19:41:58 Feb 24, 2021

**Ch Freq** 1.7543 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 29.97 dBm #Atten 30 dB

Center 1.754 300 GHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
1.75430000 GHz

**Start Freq**  
1.75290000 GHz

**Stop Freq**  
1.75570000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0897 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -997.941 Hz

**x dB Bandwidth** 1.245 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

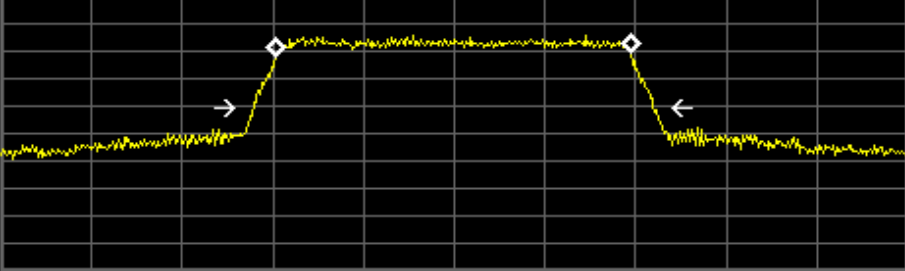
Agilent 19:42:09 Feb 24, 2021

**Ch Freq** 1.7543 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.97 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.97 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>1.0924 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.727 kHz	
<b>x dB Bandwidth</b>	1.238 MHz	

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**Freq/Channel**

**Center Freq**  
1.75430000 GHz

**Start Freq**  
1.75290000 GHz

**Stop Freq**  
1.75570000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**9.7. 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	2.72	3.05	3	Pass

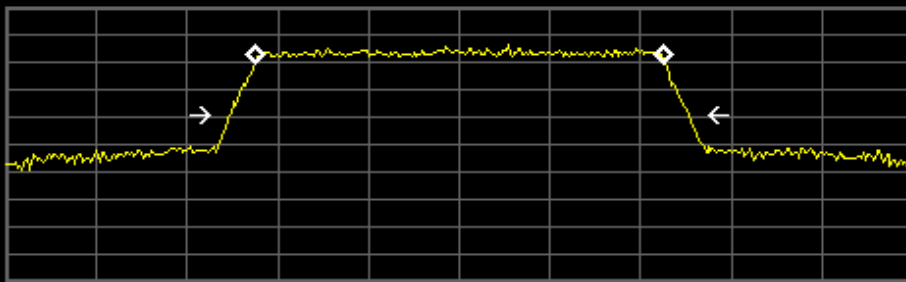
**Agilent** 19:42:24 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.85 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.85 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>2.7184 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	572.154 Hz	
<b>x dB Bandwidth</b>	3.046 MHz	

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**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

**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	2.72	3.04	3	Pass

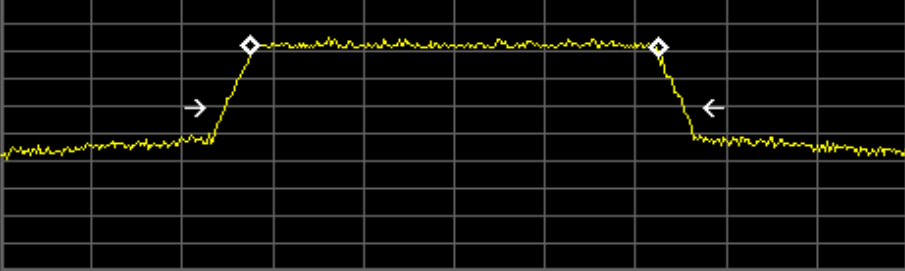
**Agilent** 19:42:35 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.85 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.85 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>2.7151 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-40.049 Hz	
<b>x dB Bandwidth</b>	3.036 MHz	

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**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

**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	2.71	3.01	3	Pass

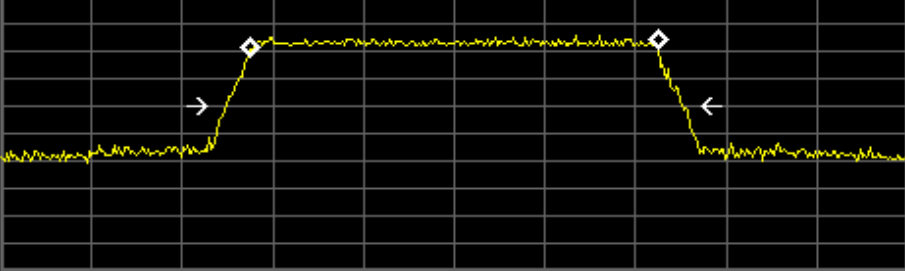
**Agilent** 19:42:48 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.92 dB



Center 1.732 500 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>2.7081 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.457 kHz	
<b>x dB Bandwidth</b>	3.015 MHz	

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**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.72950000 GHz

**Stop Freq**  
1.73550000 GHz

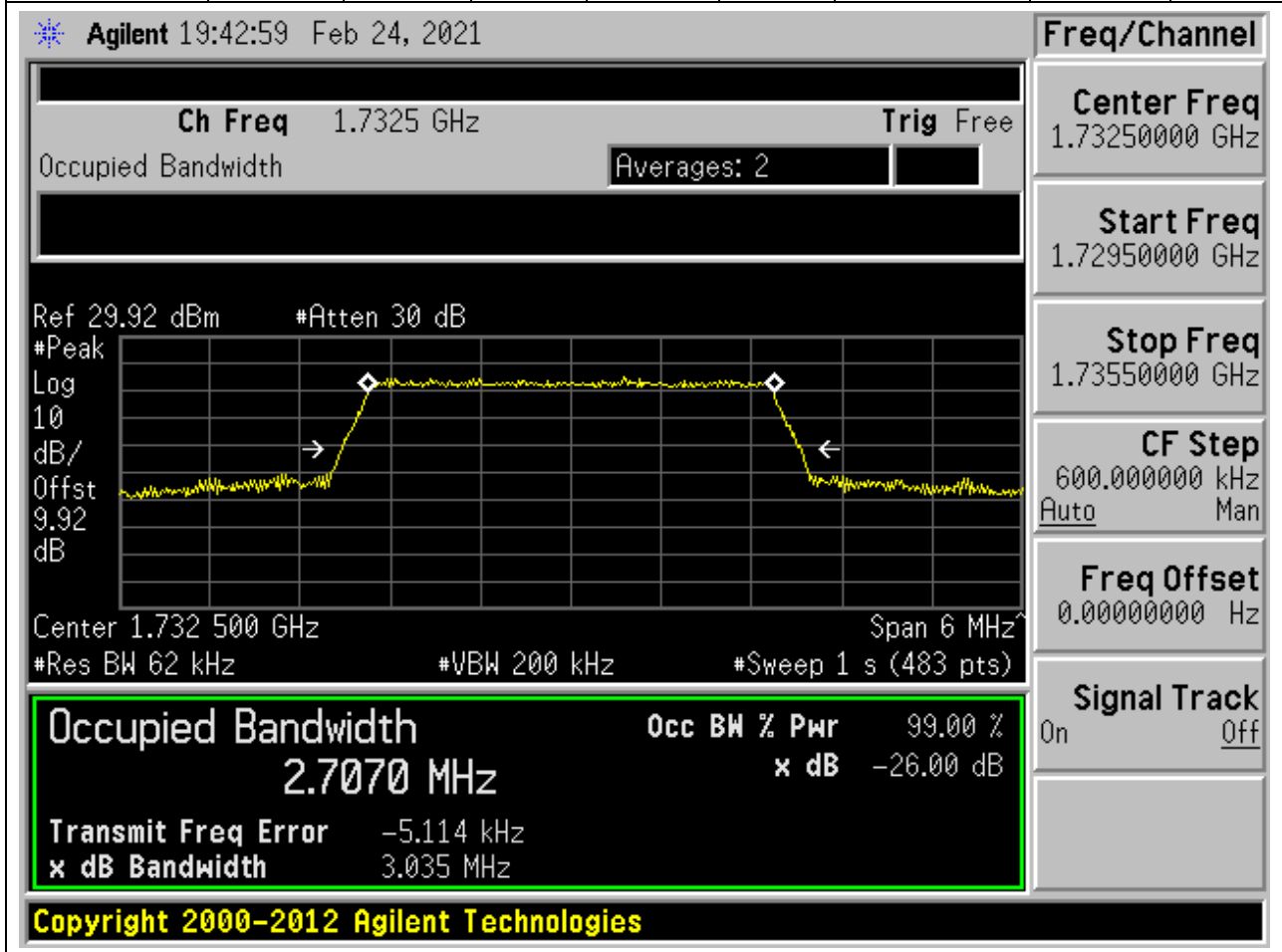
**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.71	3.04	3	Pass



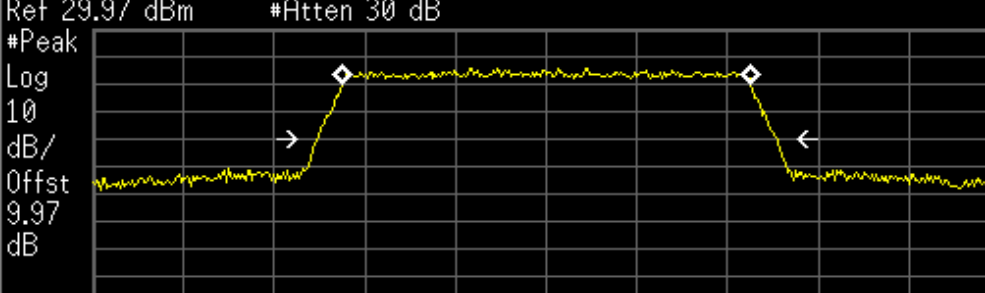
9.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.71	3.04	3	Pass

**Agilent** 19:43:12 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.97 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.97 dB

Center 1.753 500 GHz Span 6 MHz

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

**Freq/Channel**

**Center Freq**  
1.75350000 GHz

**Start Freq**  
1.75050000 GHz

**Stop Freq**  
1.75650000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

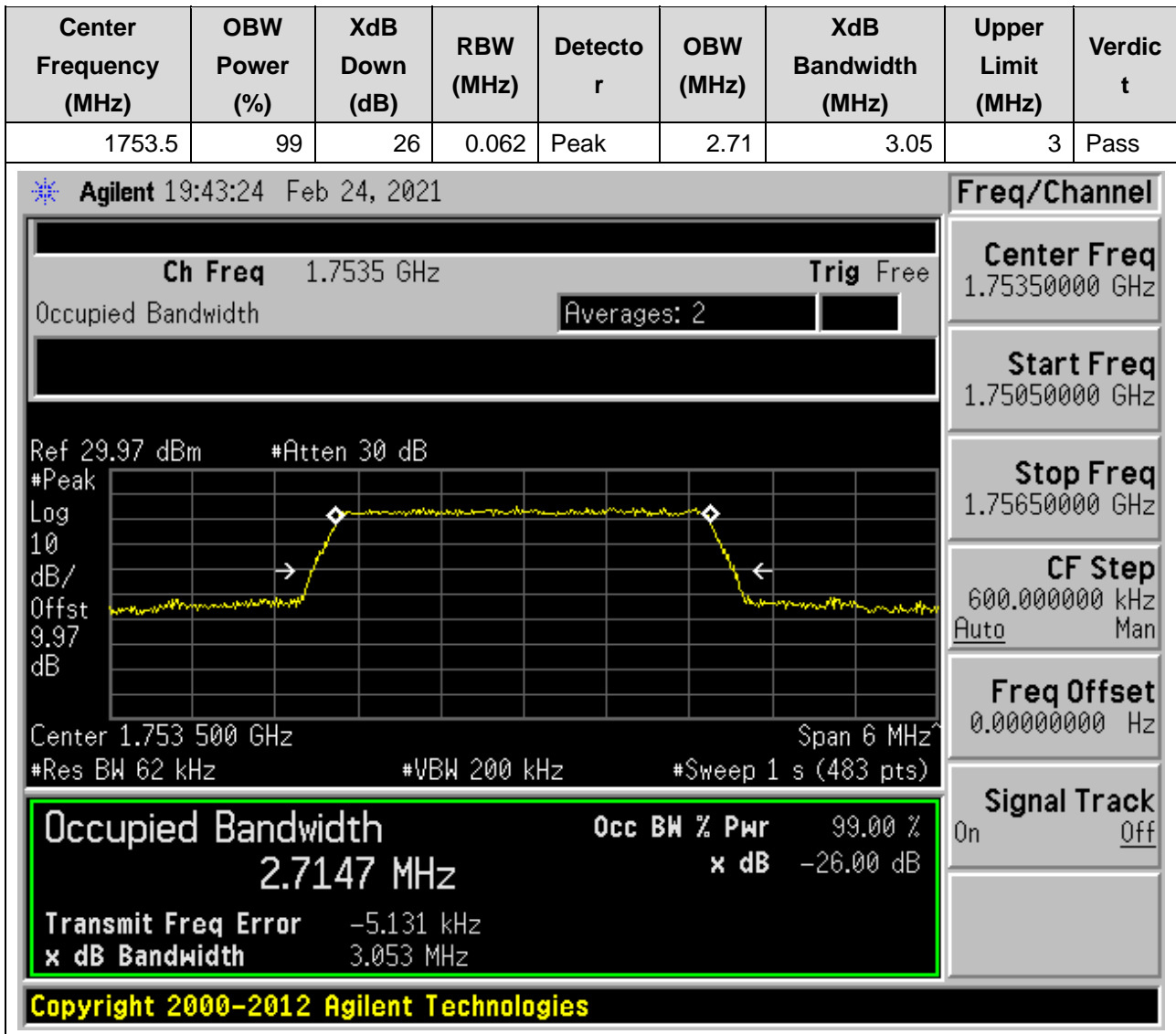
**2.7074 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -933.300 Hz

**x dB Bandwidth** 3.043 MHz

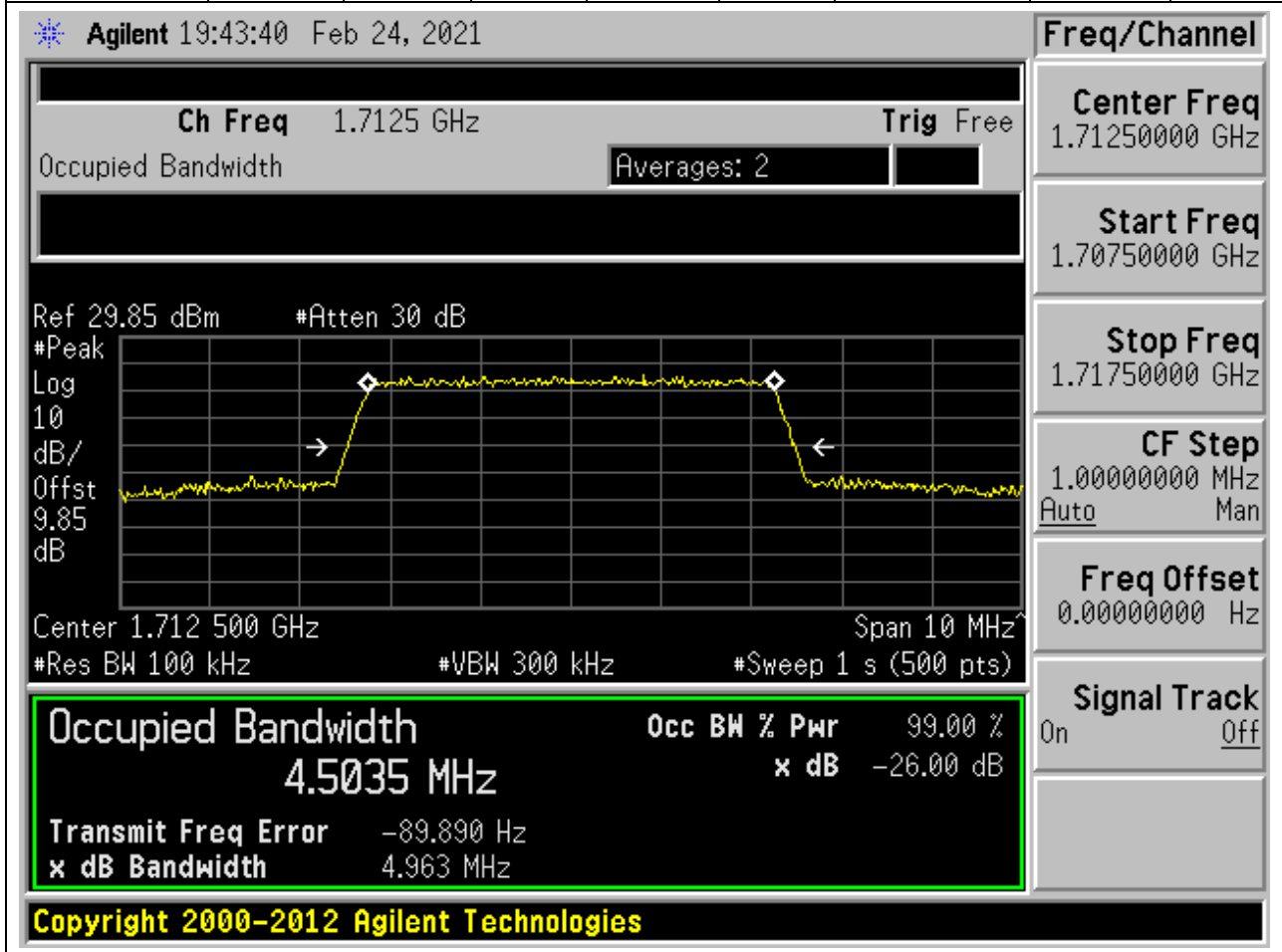
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**9.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**



**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	4.5	4.96	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.5	4.94	5	Pass

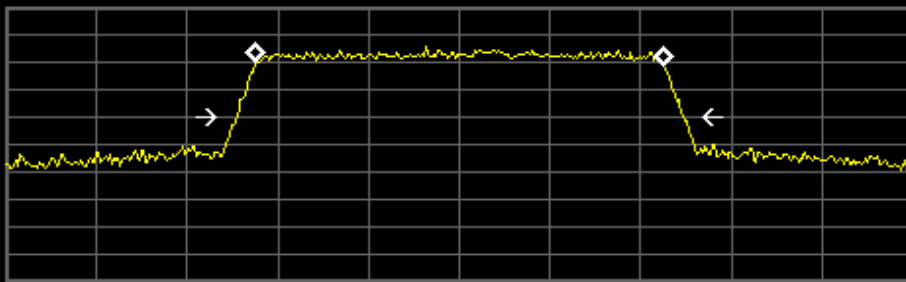
**Agilent** 19:43:51 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.85 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.85 dB



Center 1.712 500 GHz Span 10 MHz

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

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

**4.4977 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -897.594 Hz

**x dB Bandwidth** 4.936 MHz

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**Freq/Channel**

**Center Freq** 1.71250000 GHz

**Start Freq** 1.70750000 GHz

**Stop Freq** 1.71750000 GHz

**CF Step** 1.00000000 MHz  
Auto Man

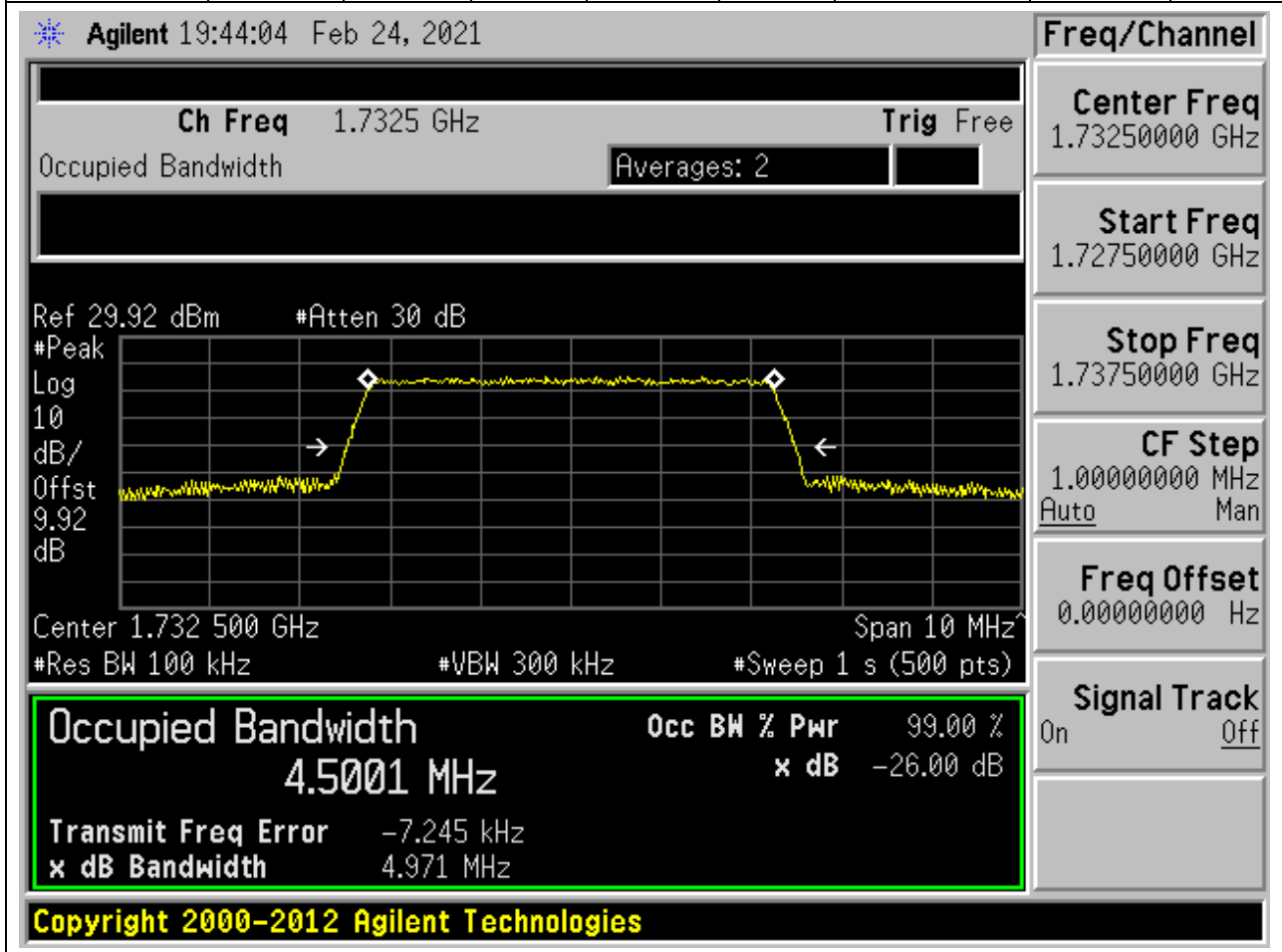
**Freq Offset** 0.00000000 Hz

**Signal Track** On Off



9.15. 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	4.97	5	Pass



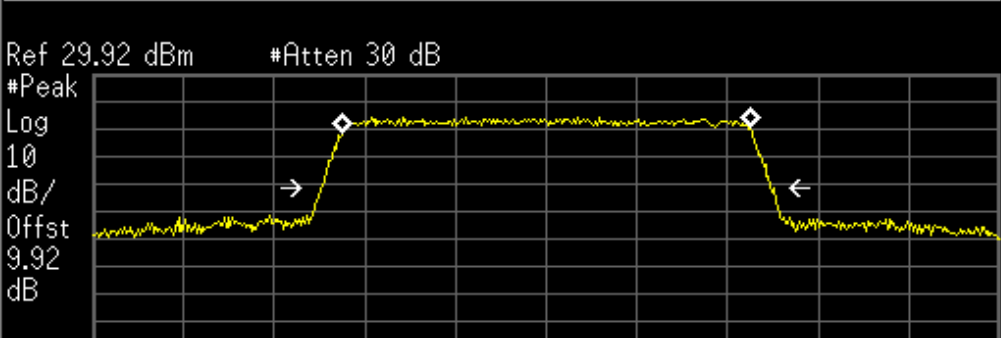
**9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.51	4.99	5	Pass

**Agilent** 19:44:16 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.92 dB

Center 1.732 500 GHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.72750000 GHz

**Stop Freq**  
1.73750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.5071 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.204 kHz

**x dB Bandwidth** 4.993 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	Peak	4.49	4.95	5	Pass

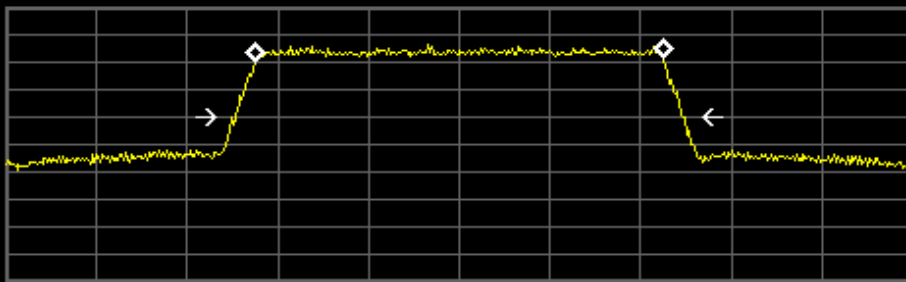
**Agilent** 19:44:29 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.98 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 dB



Center 1.752 500 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>4.4912 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	511.443 Hz	
<b>x dB Bandwidth</b>	4.953 MHz	

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**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

**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	4.51	4.98	5	Pass

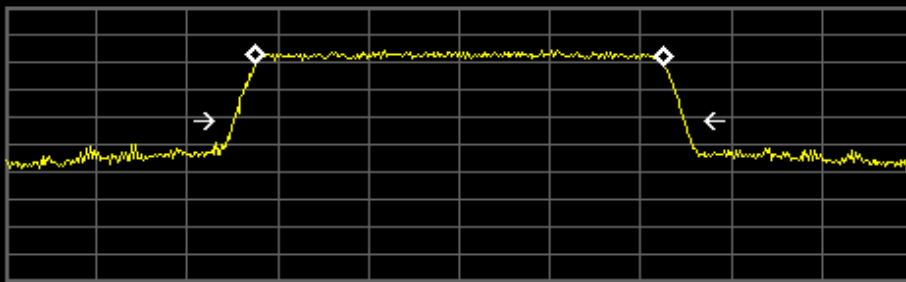
**Agilent** 19:44:39 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.98 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 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 %

**4.5080 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 653.718 Hz

**x dB Bandwidth** 4.982 MHz

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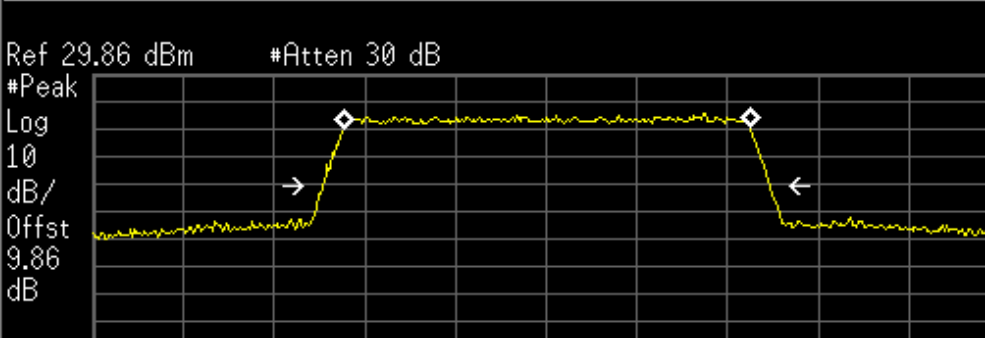
**9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.97	9.88	10	Pass

**Agilent** 19:44:56 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.86 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.86 dB

Center 1.715 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.71500000 GHz

**Start Freq**  
1.70500000 GHz

**Stop Freq**  
1.72500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9699 MHz** **x dB** -26.00 dB

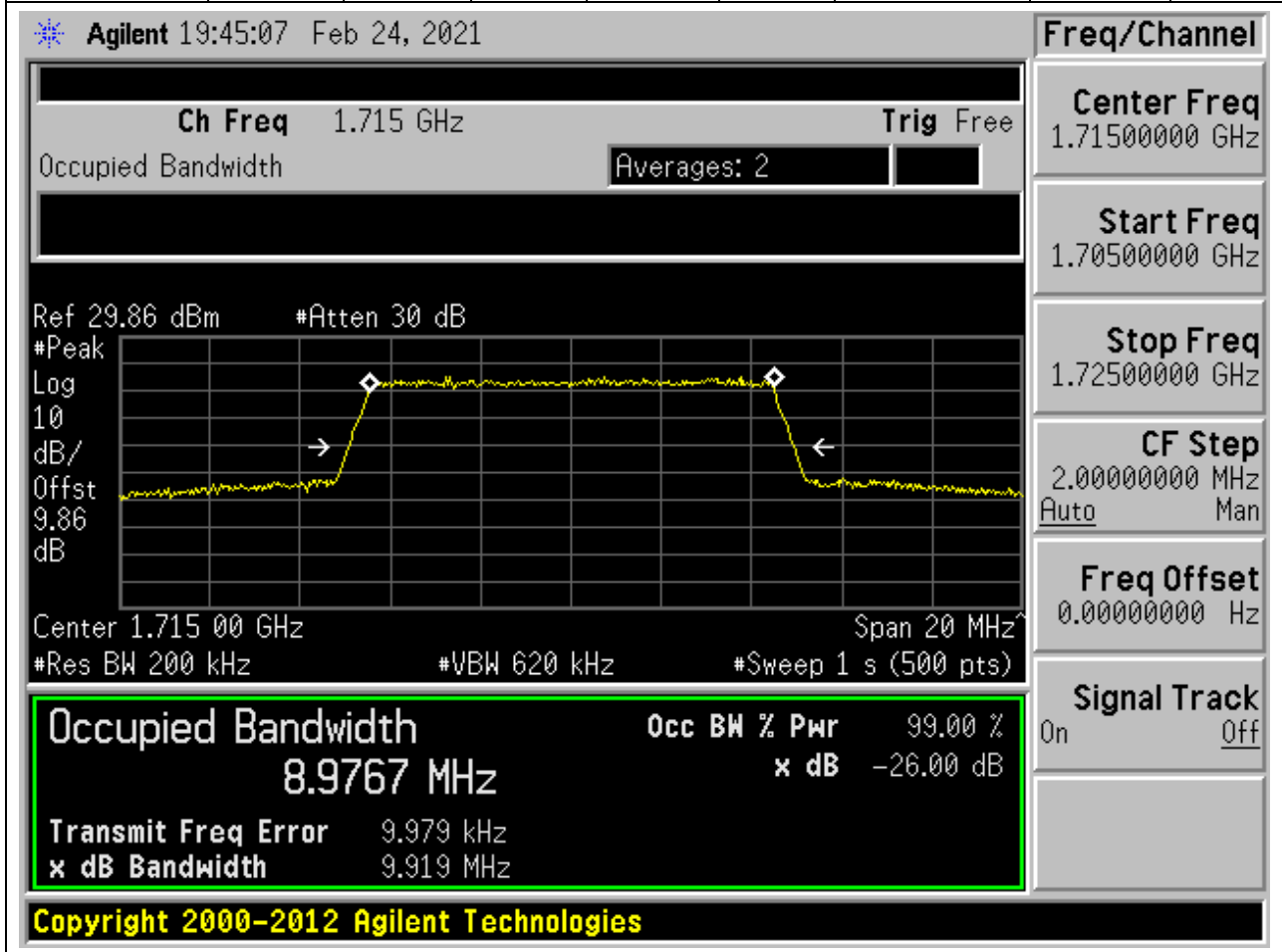
**Transmit Freq Error** 4.081 kHz

**x dB Bandwidth** 9.882 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.98	9.92	10	Pass



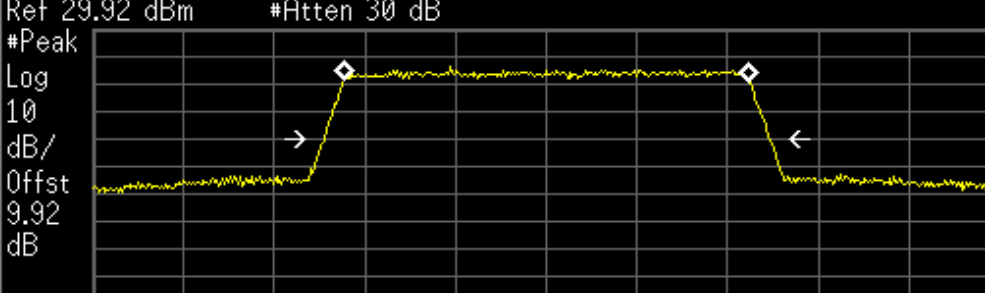
**9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.97	9.84	10	Pass

**Agilent** 19:45:20 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.92 dB

Center 1.732 50 GHz Span 20 MHz

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

**Freq/Channel**

**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 %

**8.9681 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 4.388 kHz

**x dB Bandwidth** 9.842 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	8.97	9.94	10	Pass

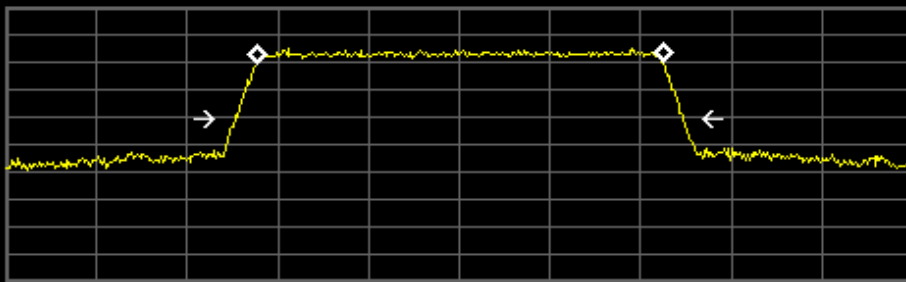
**Agilent** 19:45:31 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.92 dB



Center 1.732 50 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>8.9727 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.308 kHz	
<b>x dB Bandwidth</b>	9.939 MHz	

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**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.72250000 GHz

**Stop Freq**  
1.74250000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

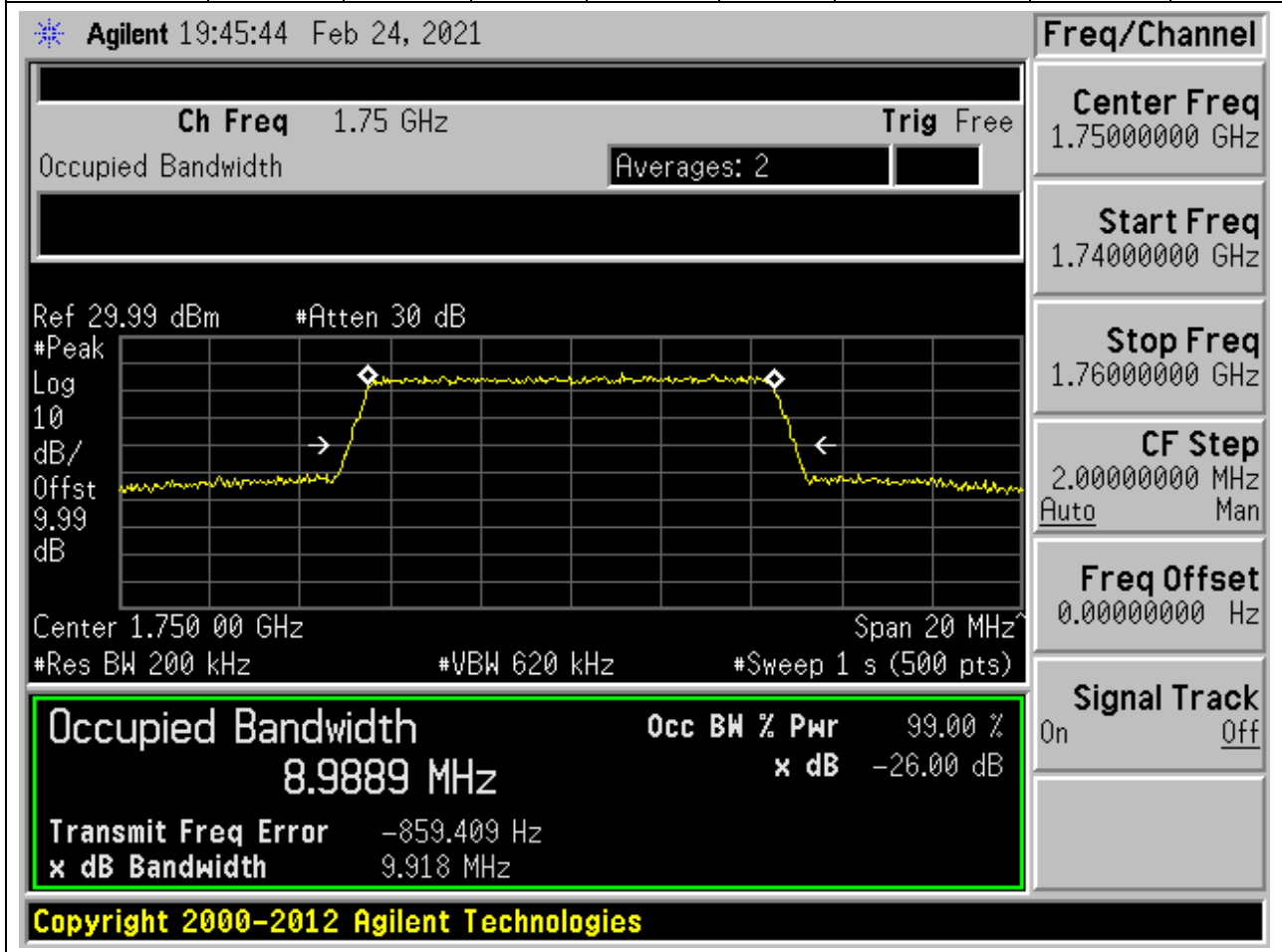
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



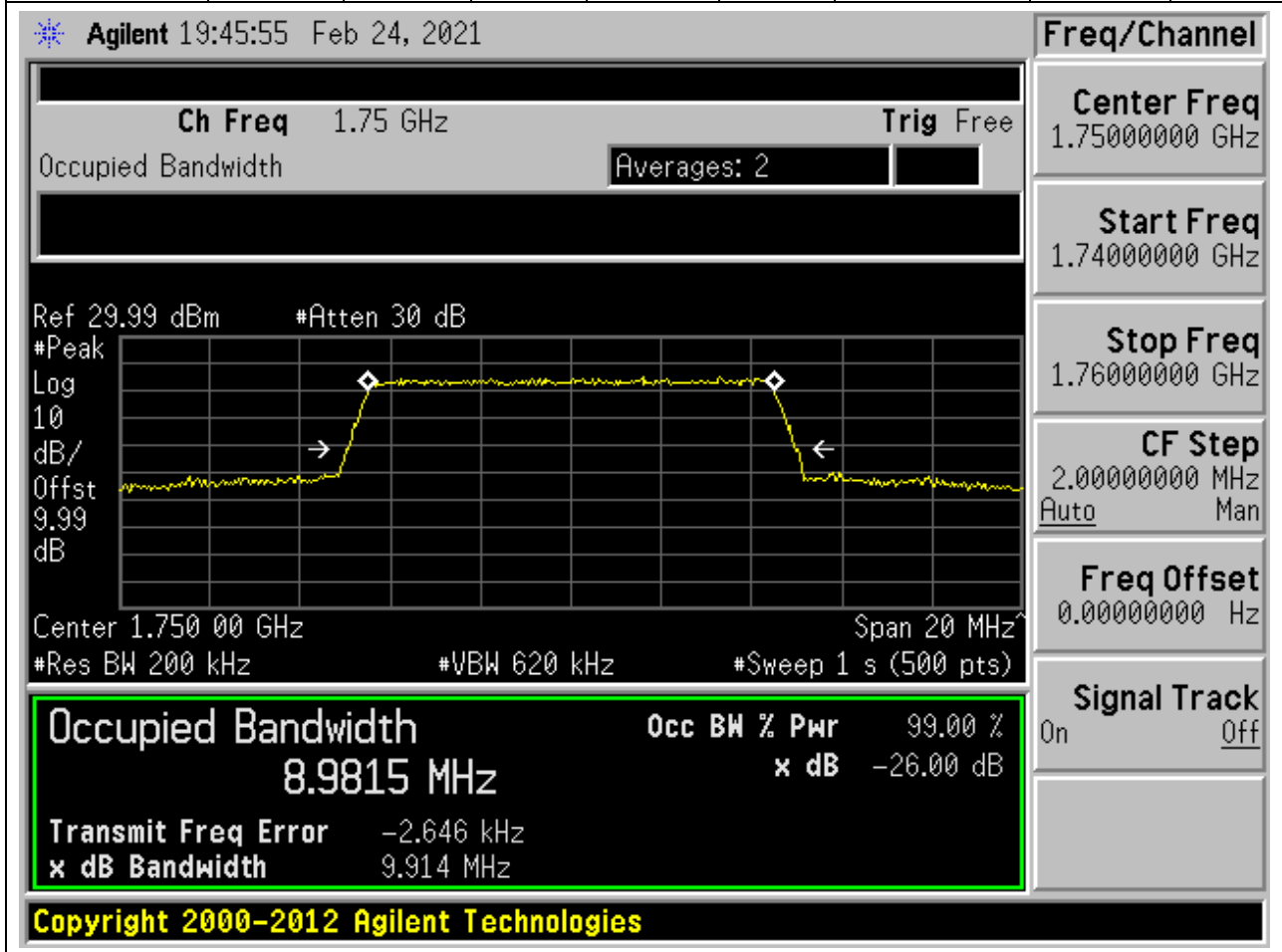
**9.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.99	9.92	10	Pass



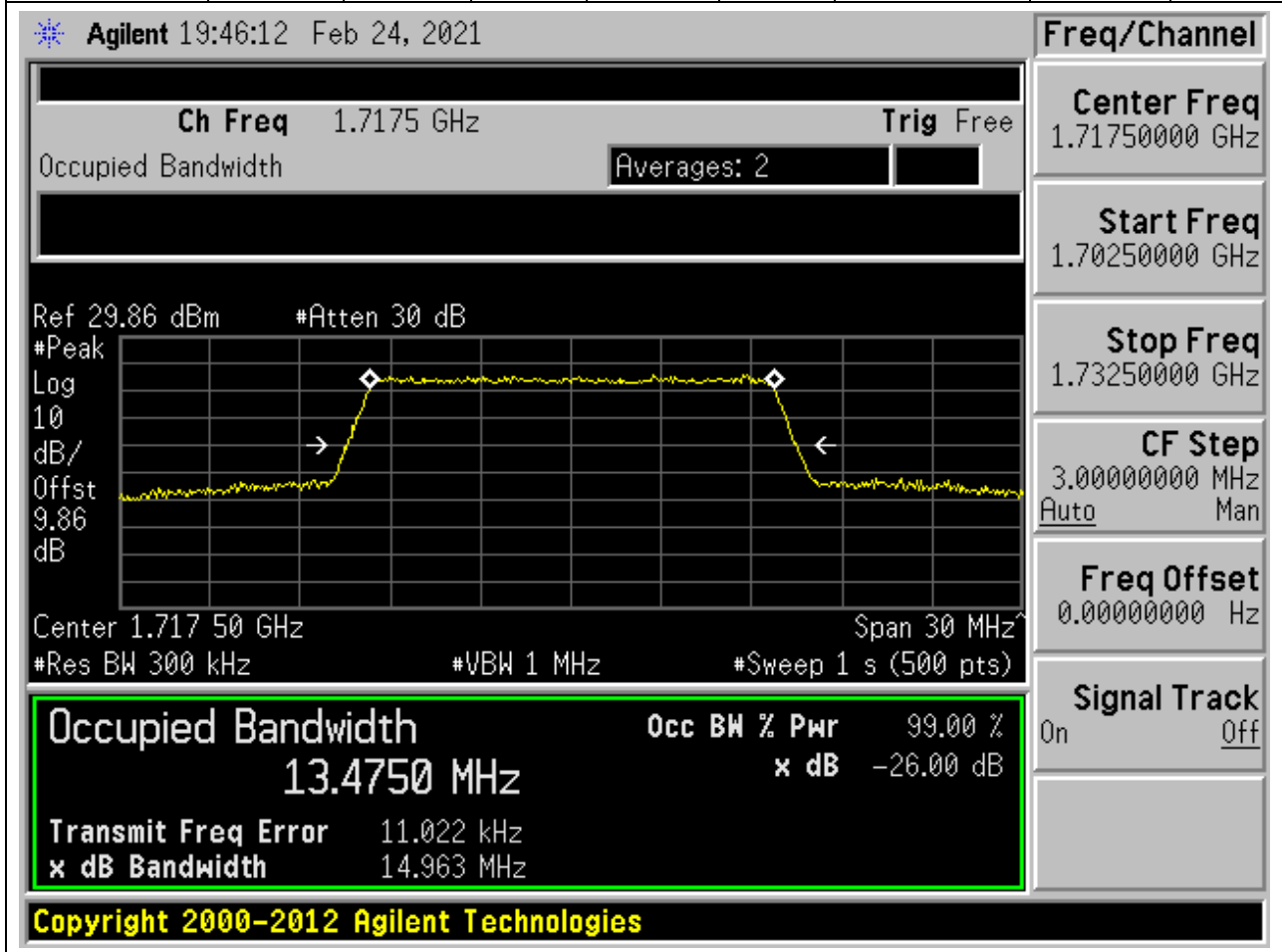
**9.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.98	9.91	10	Pass



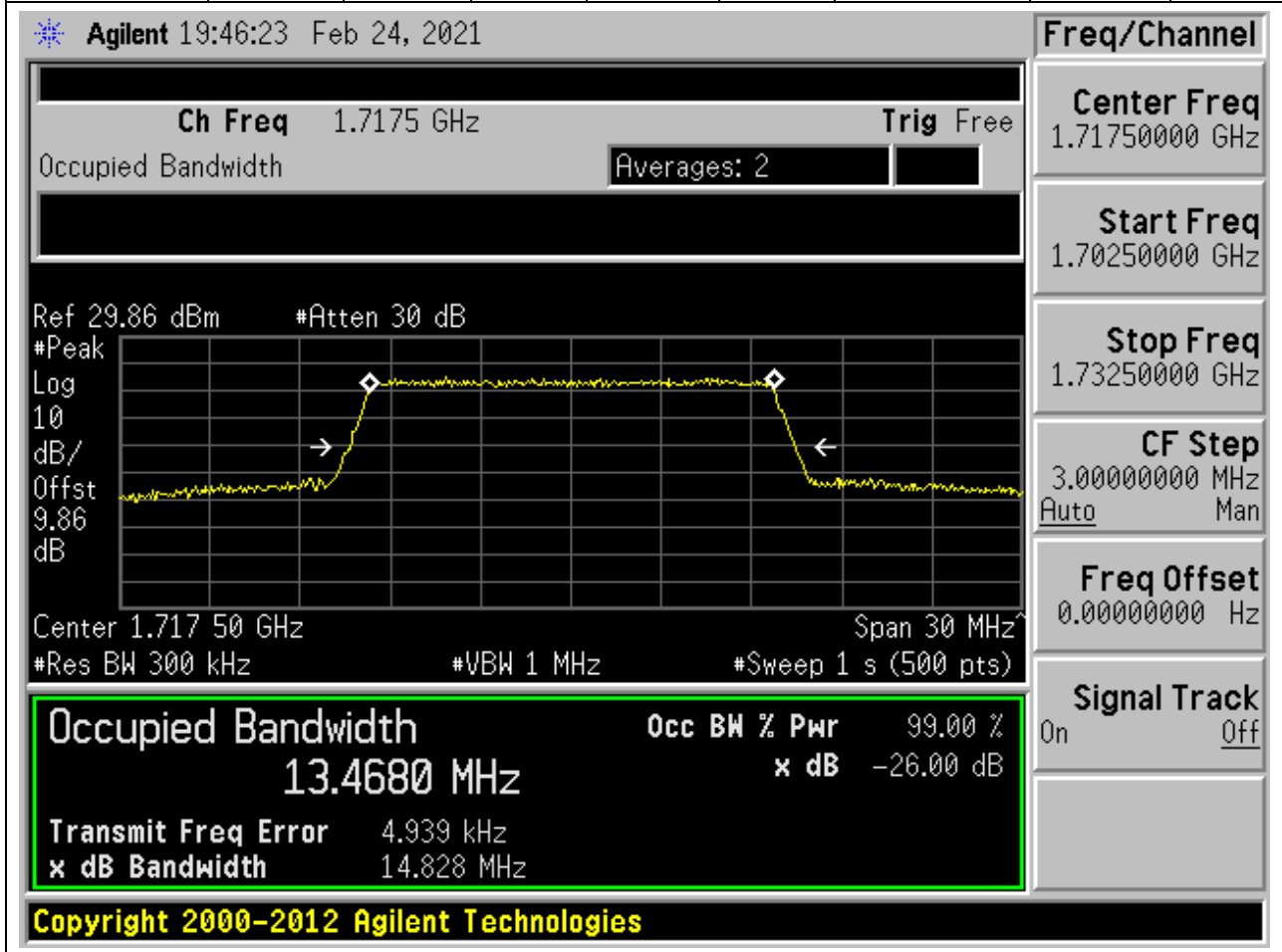
**9.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.47	14.96	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	13.47	14.83	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	13.43	14.94	15	Pass

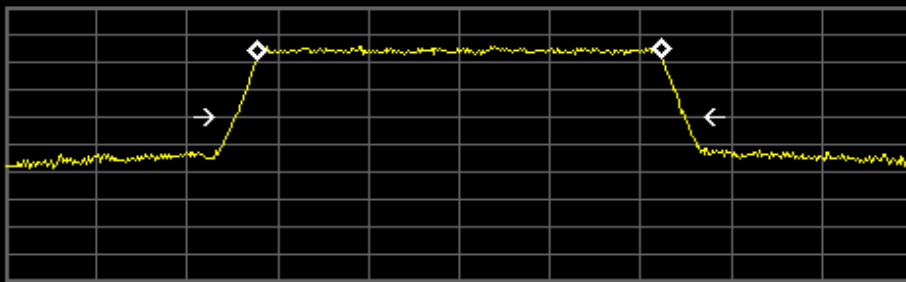
**Agilent** 19:46:36 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.92 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.92 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>13.4271 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	7.736 kHz	
<b>x dB Bandwidth</b>	14.943 MHz	

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**Freq/Channel**

**Center Freq**  
1.73250000 GHz

**Start Freq**  
1.71750000 GHz

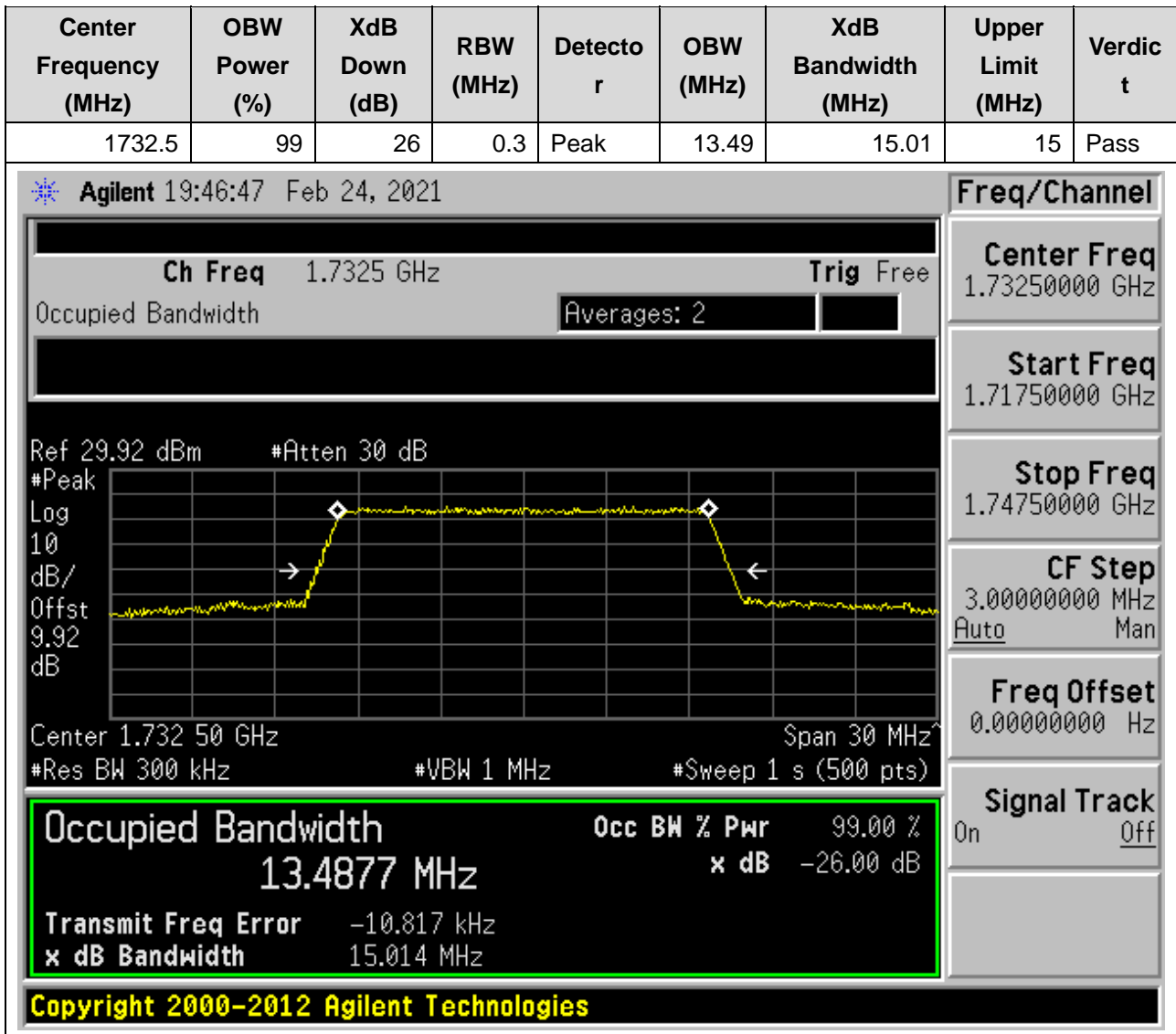
**Stop Freq**  
1.74750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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



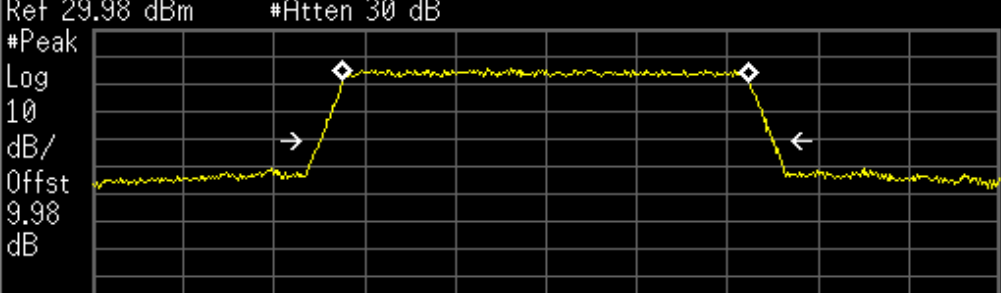
**9.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.46	14.99	15	Pass

**Agilent** 19:47:00 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.98 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 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 %

**13.4588 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -9.214 kHz

**x dB Bandwidth** 14.990 MHz

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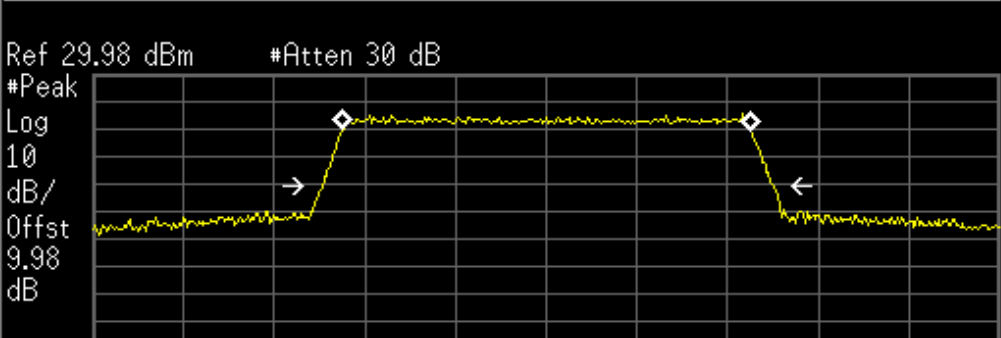
**9.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.5	14.91	15	Pass

**Agilent** 19:47:11 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.98 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 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 %

**13.4984 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.706 kHz

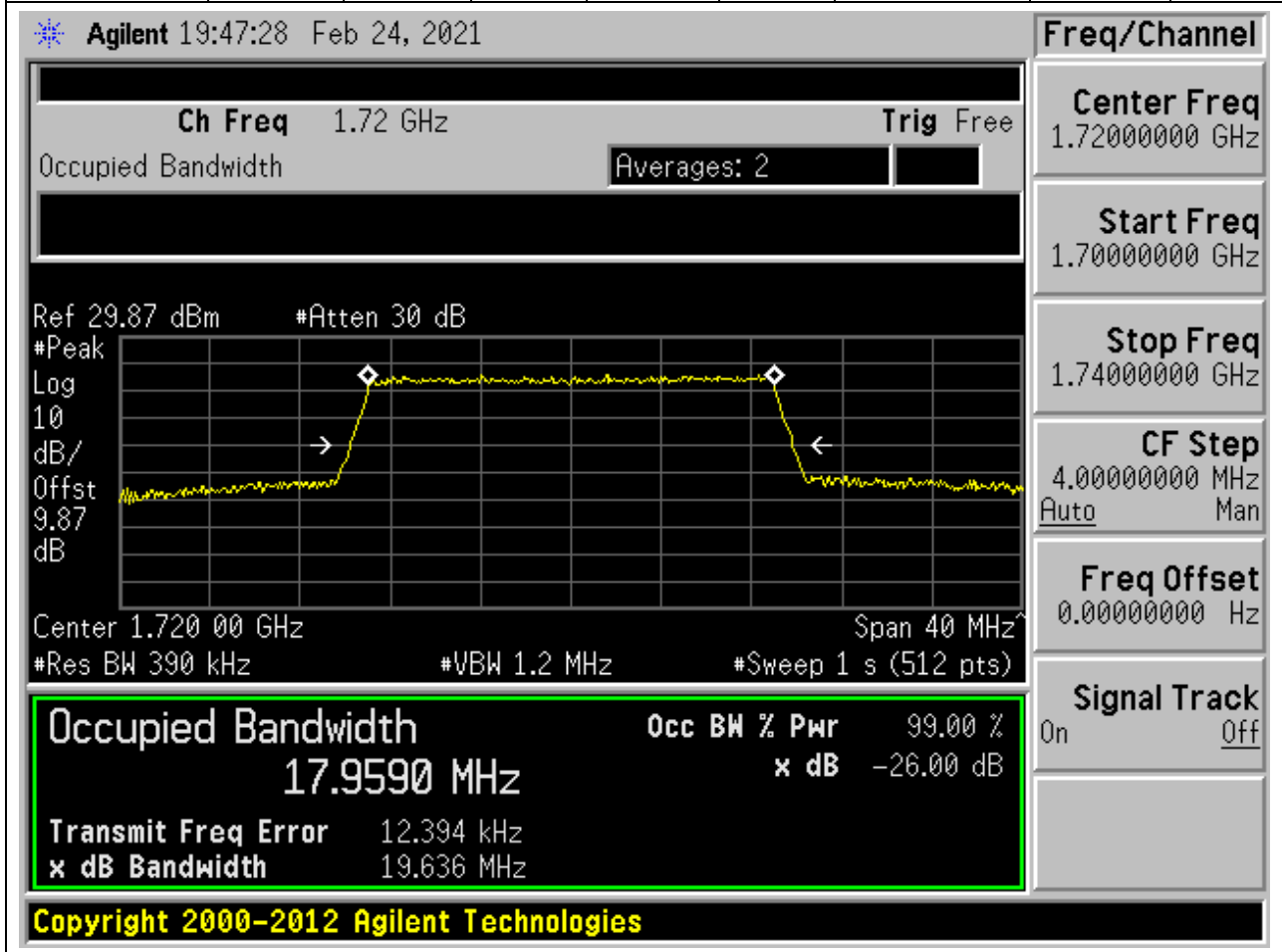
**x dB Bandwidth** 14.910 MHz

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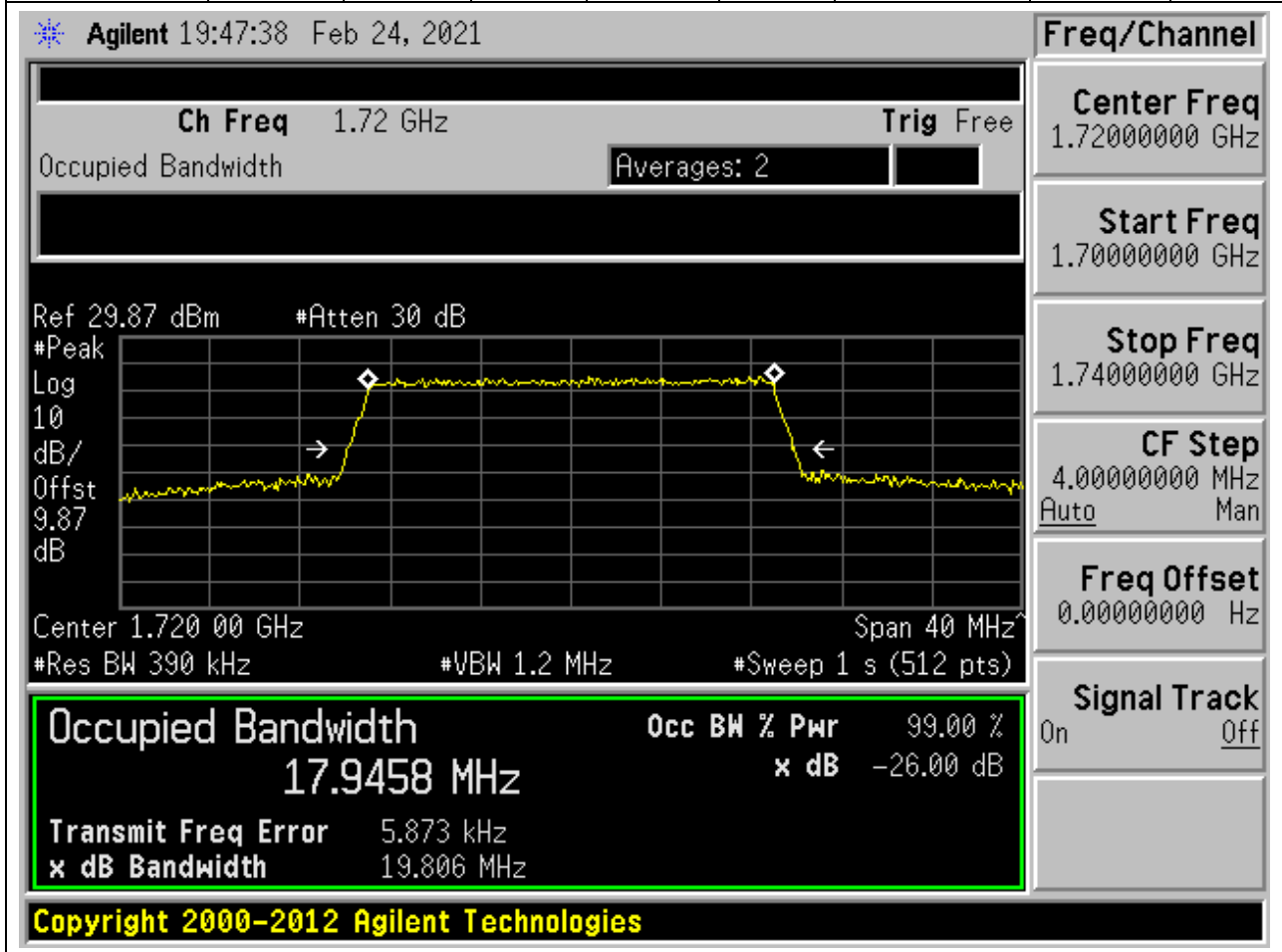
**9.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.96	19.64	20	Pass



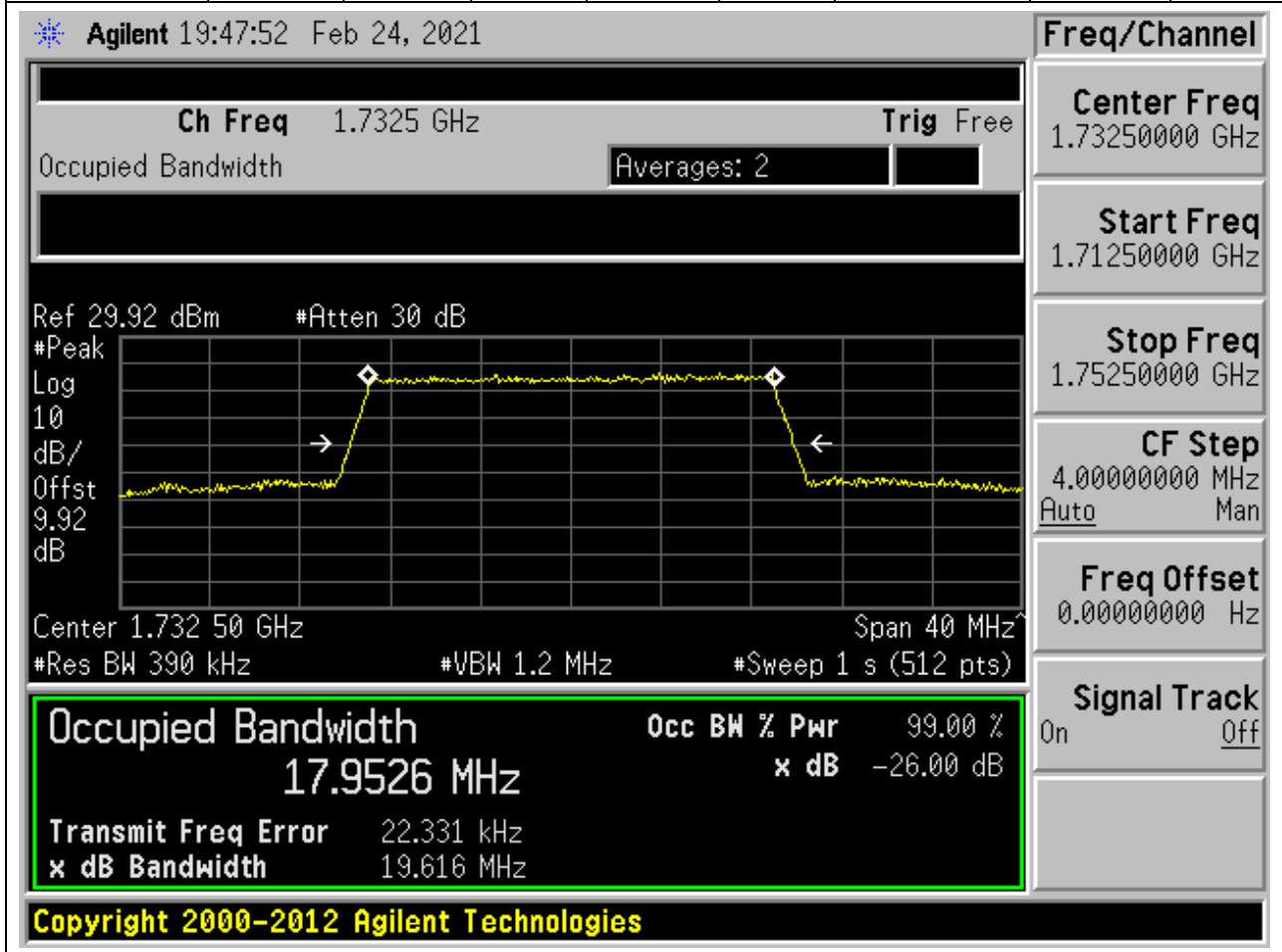
**9.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.95	19.81	20	Pass



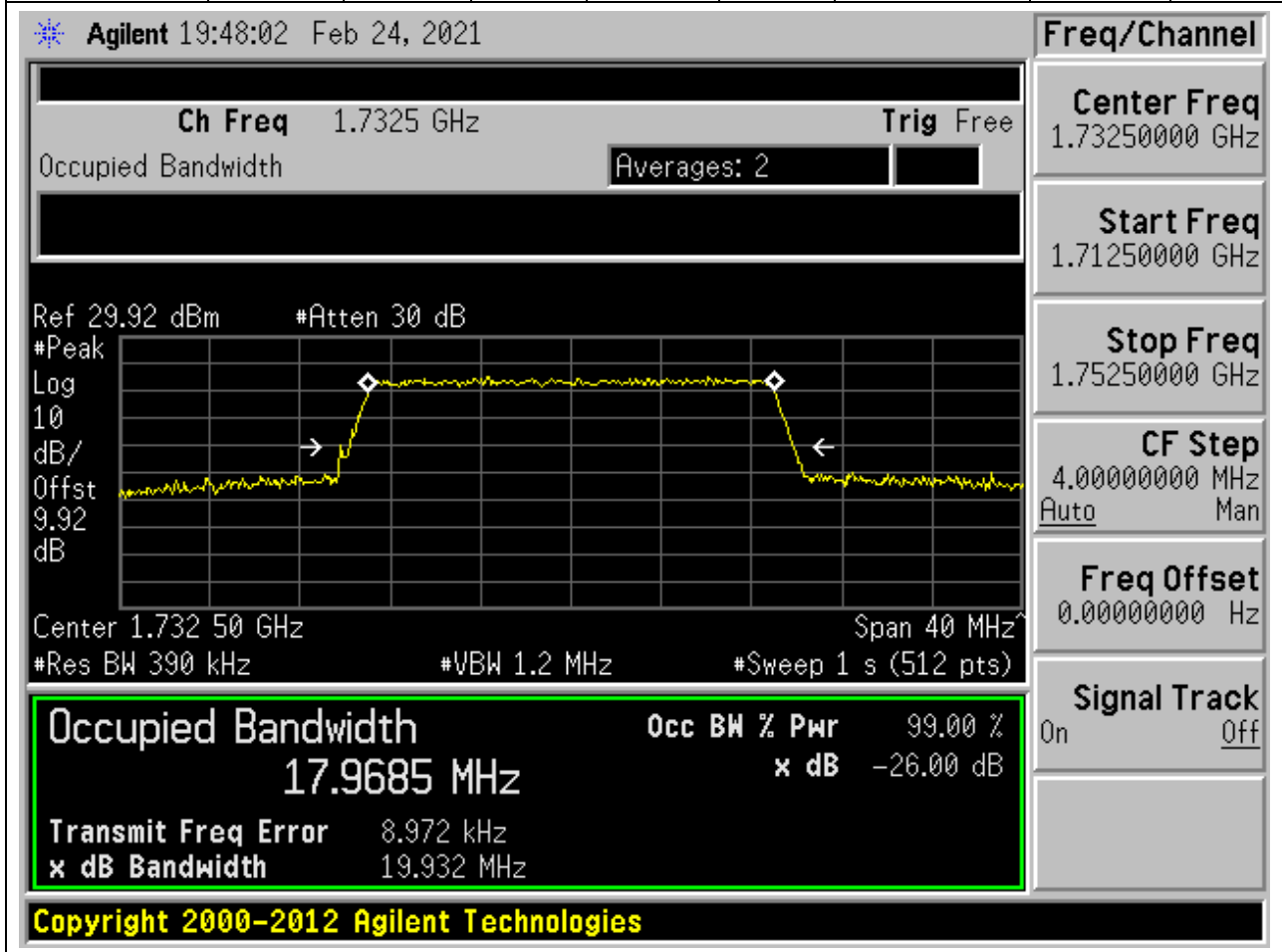
**9.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.95	19.62	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	17.97	19.93	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	18.02	19.85	20	Pass

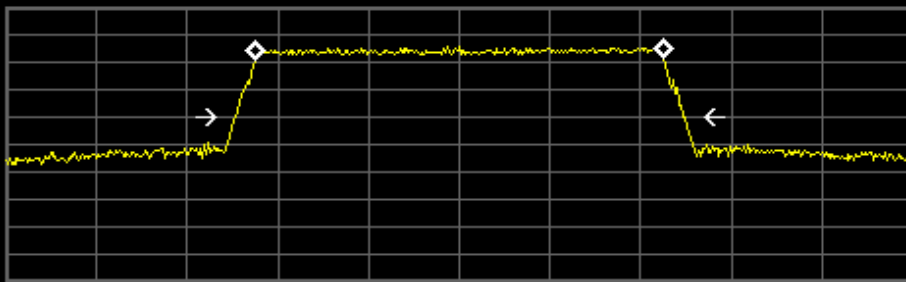
**Agilent** 19:48:16 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 dB



Center 1.745 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>18.0156 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	193.017 Hz	
<b>x dB Bandwidth</b>	19.850 MHz	

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**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.72500000 GHz

**Stop Freq**  
1.76500000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

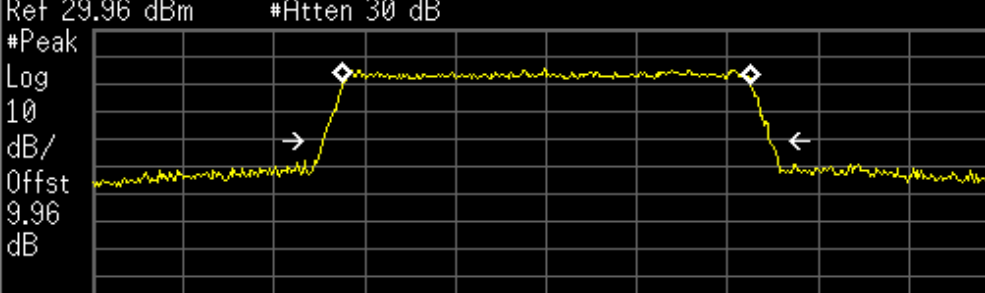
**9.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	18	19.74	20	Pass

**Agilent** 19:48:26 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 dB

Center 1.745 00 GHz Span 40 MHz

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

**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.72500000 GHz

**Stop Freq**  
1.76500000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**17.9964 MHz** **x dB** -26.00 dB

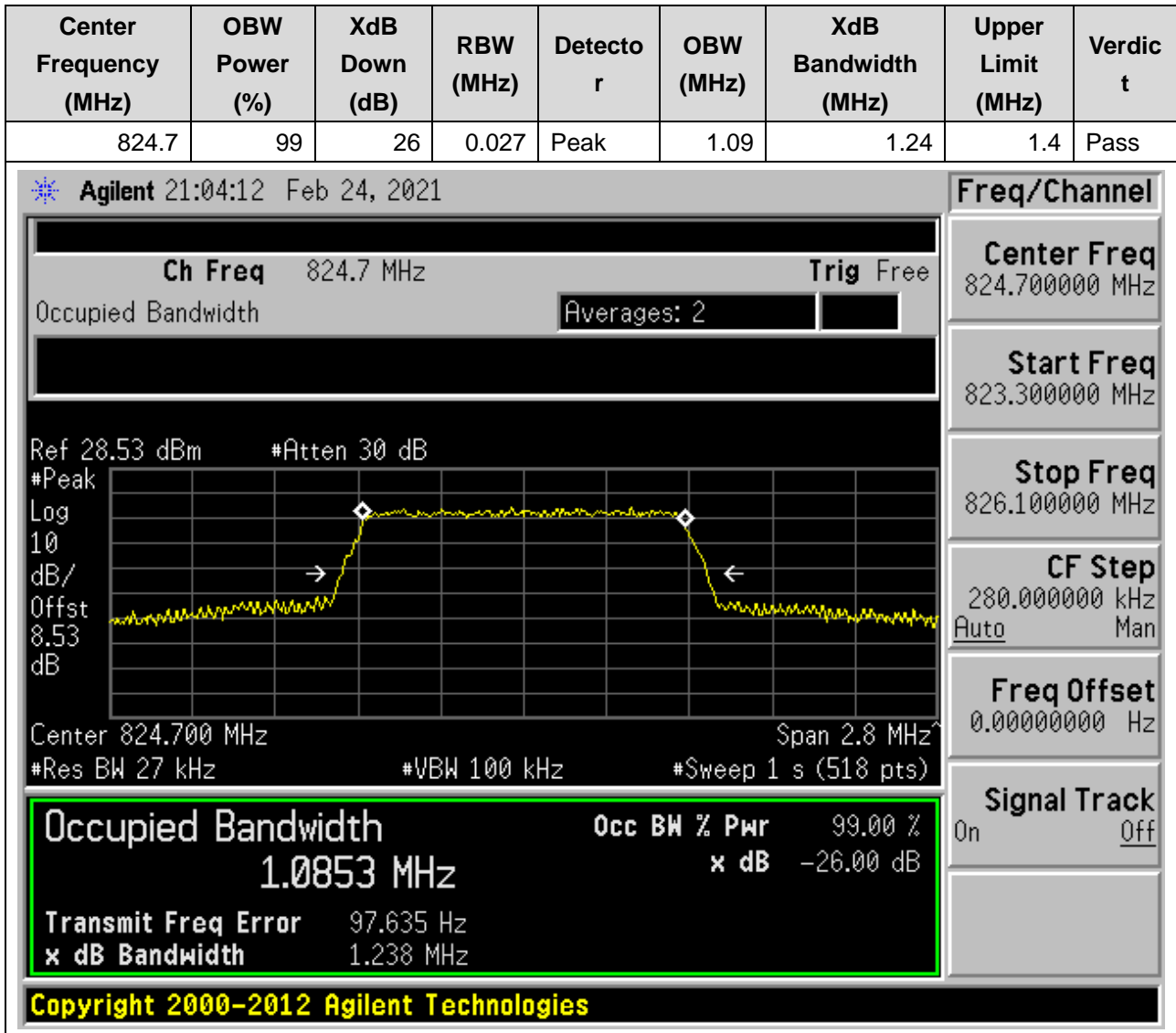
**Transmit Freq Error** 23.005 kHz

**x dB Bandwidth** 19.736 MHz

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## 10. LTE\_Band5

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.1	1.25	1.4	Pass

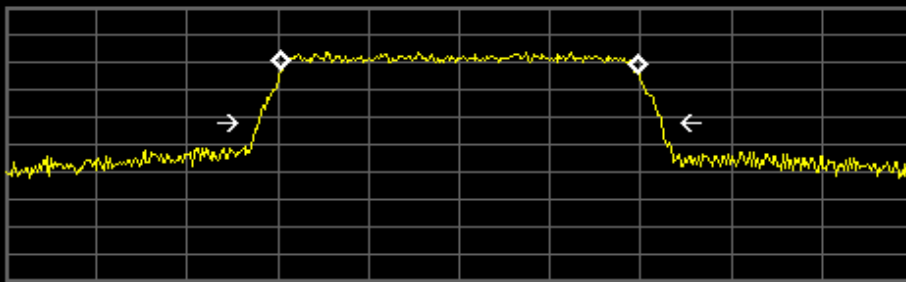
Agilent 21:04:23 Feb 24, 2021

**Ch Freq** 824.7 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 dB



Center 824.700 MHz Span 2.8 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0976 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	865.839 Hz	
<b>x dB Bandwidth</b>	1.248 MHz	

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**Freq/Channel**

**Center Freq**  
824.700000 MHz

**Start Freq**  
823.300000 MHz

**Stop Freq**  
826.100000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

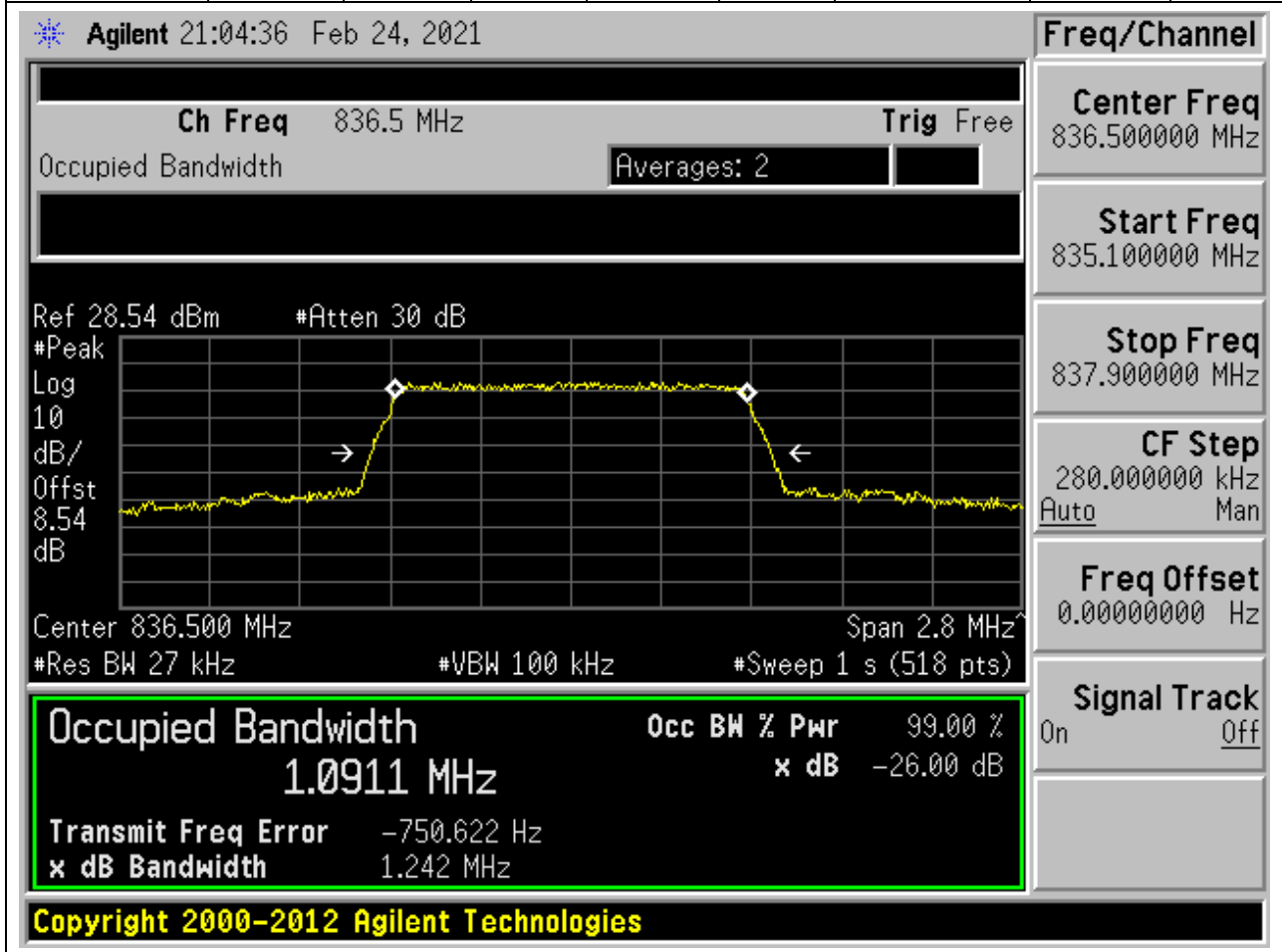
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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	1.09	1.24	1.4	Pass



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


Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 21:04:47 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.54 dBm #Atten 30 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 %

**1.0859 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -796.134 Hz

**x dB Bandwidth** 1.241 MHz

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

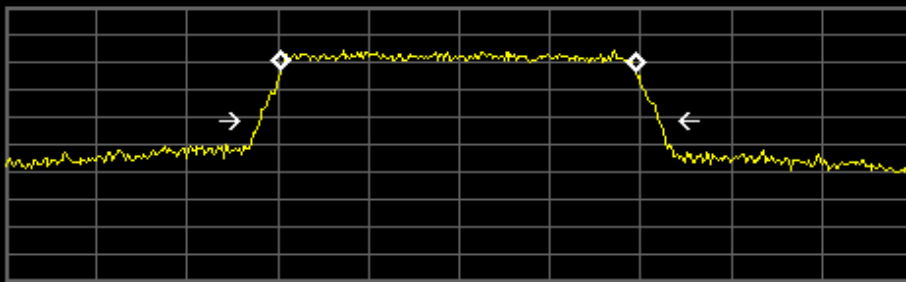
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 21:05:00 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.56 dBm #Atten 30 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

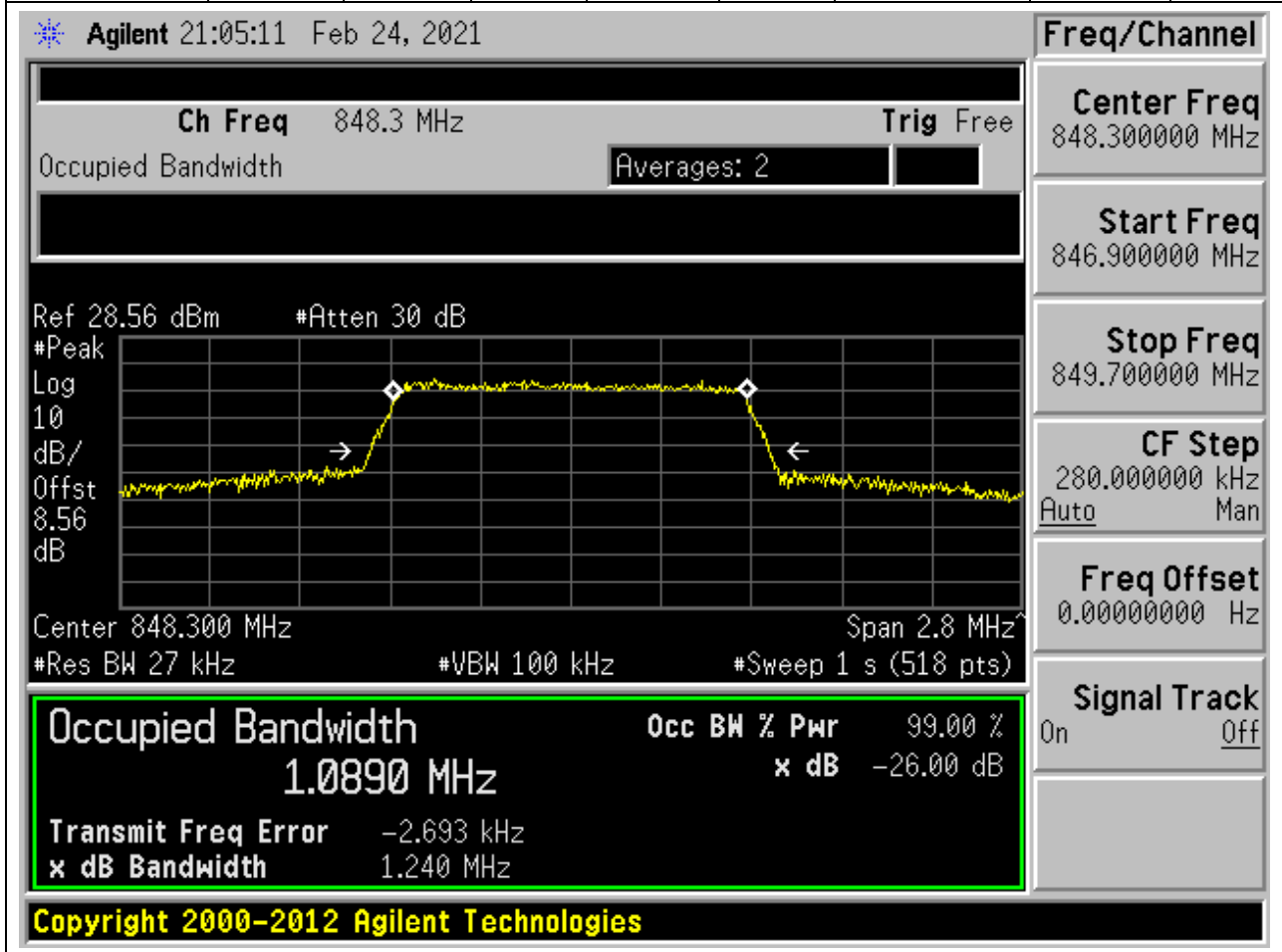
**Transmit Freq Error** -3.002 kHz

**x dB Bandwidth** 1.238 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass



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

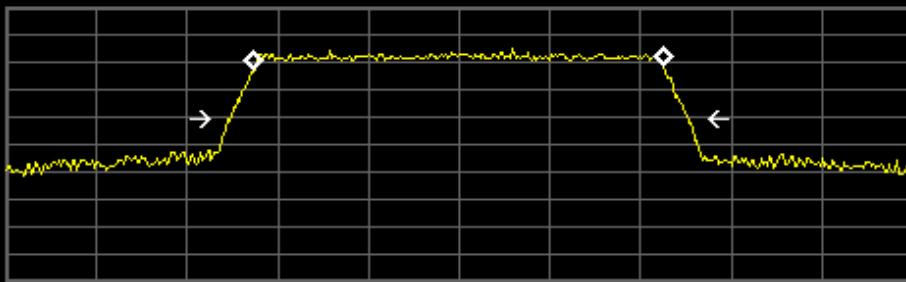
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.72	3.03	3	Pass

**Agilent** 21:05:28 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 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 %

**2.7170 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.578 kHz

**x dB Bandwidth** 3.028 MHz

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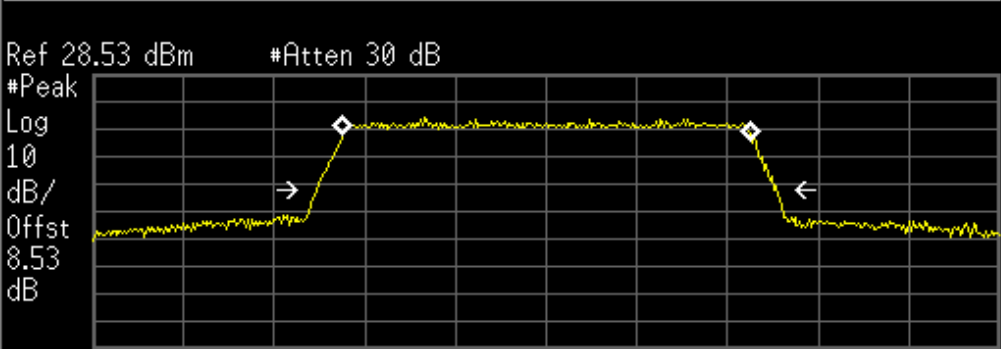
**10.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.71	3.04	3	Pass

**Agilent** 21:05:39 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**2.7124 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 472.670 Hz

**x dB Bandwidth** 3.042 MHz

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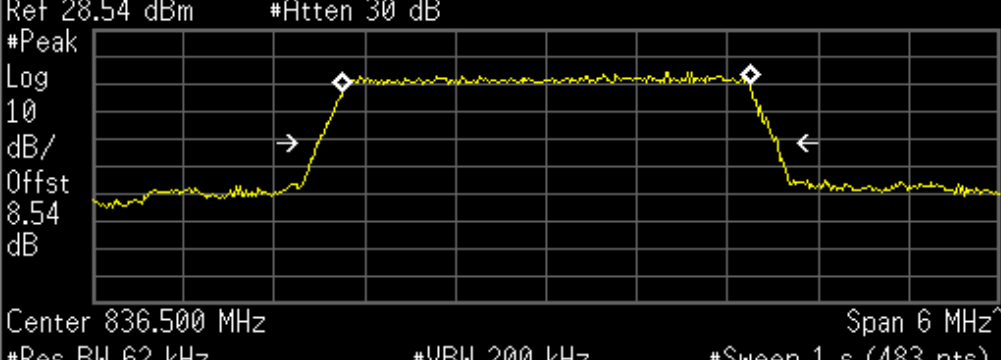
**10.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.7	3.05	3	Pass

**Agilent** 21:05:52 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**2.7035 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.421 kHz

**x dB Bandwidth** 3.048 MHz

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


Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.71	3.04	3	Pass

**Agilent** 21:06:03 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.54 dBm #Atten 30 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 %

**2.7064 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -805.631 Hz

**x dB Bandwidth** 3.037 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)**

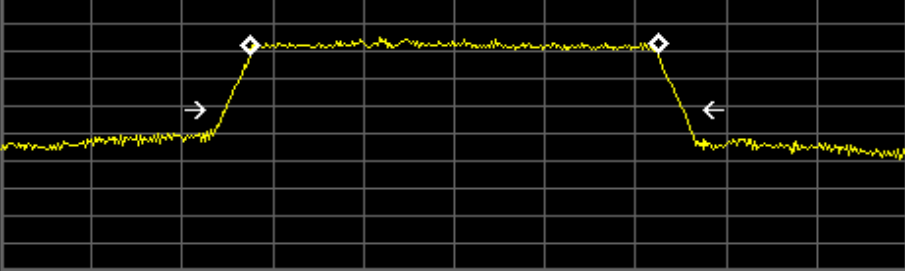
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.71	3.03	3	Pass

**Agilent** 21:06:16 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.56 dBm #Atten 30 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 %

**2.7064 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.882 kHz

**x dB Bandwidth** 3.032 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)**

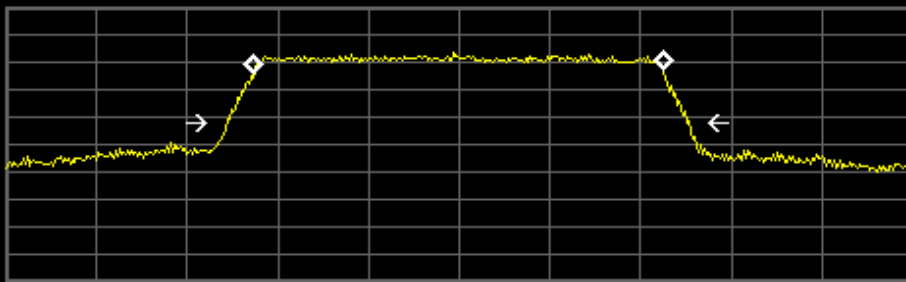
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.71	3.05	3	Pass

**Agilent** 21:06:27 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.56 dBm #Atten 30 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 %

**2.7093 MHz** **x dB** -26.00 dB

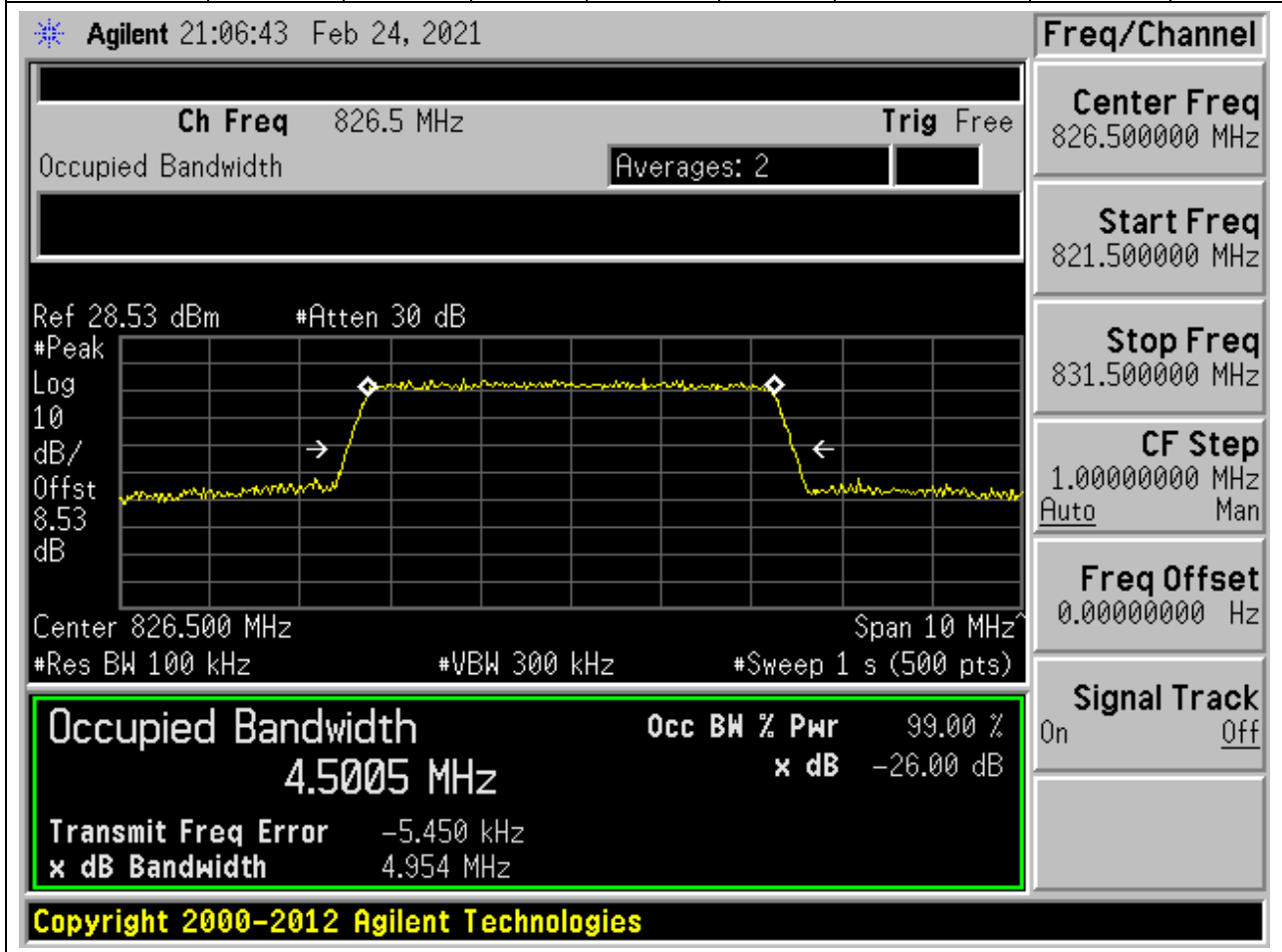
**Transmit Freq Error** -7.527 kHz

**x dB Bandwidth** 3.051 MHz

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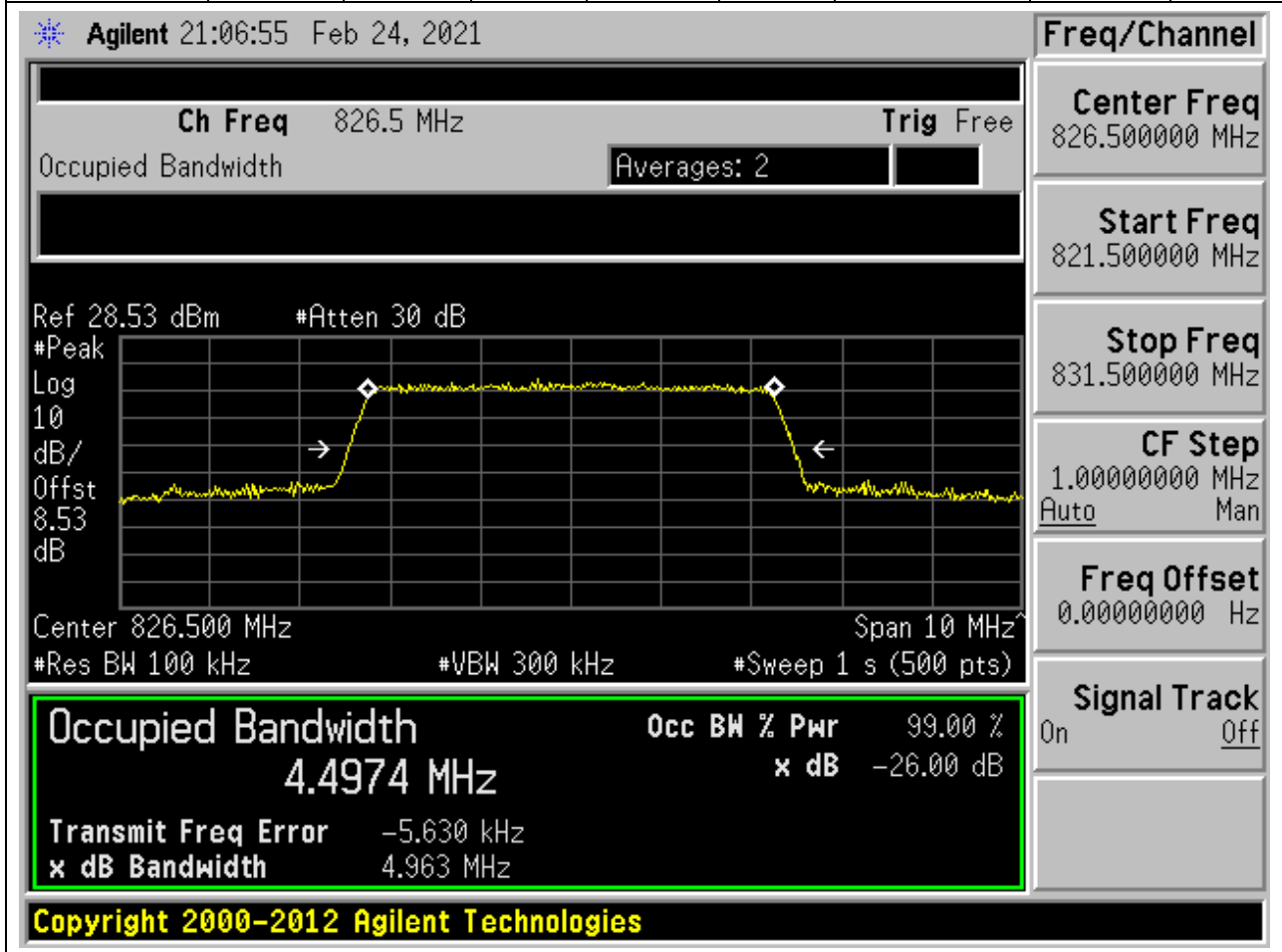
**10.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.5	4.95	5	Pass



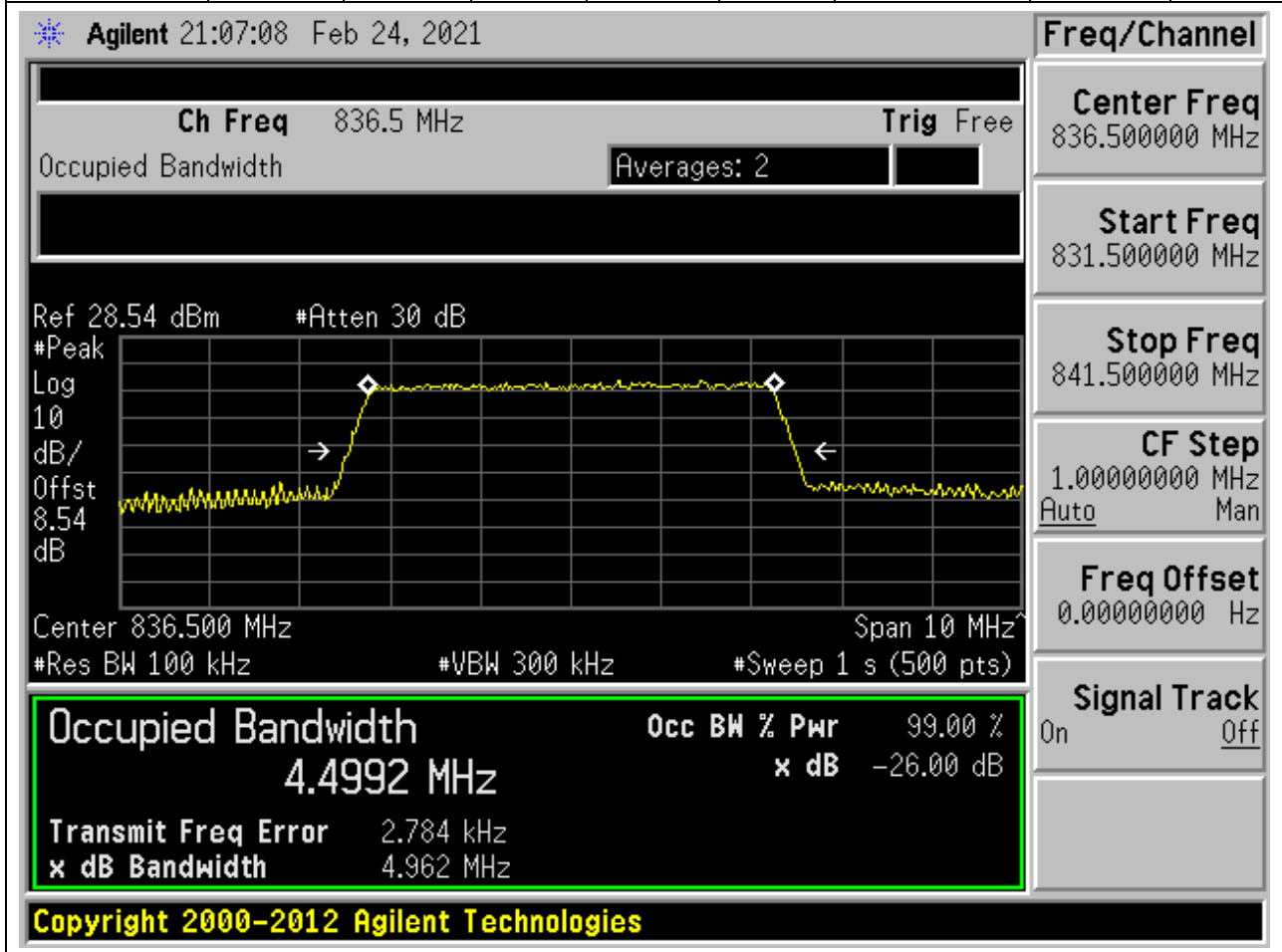
**10.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.5	4.96	5	Pass

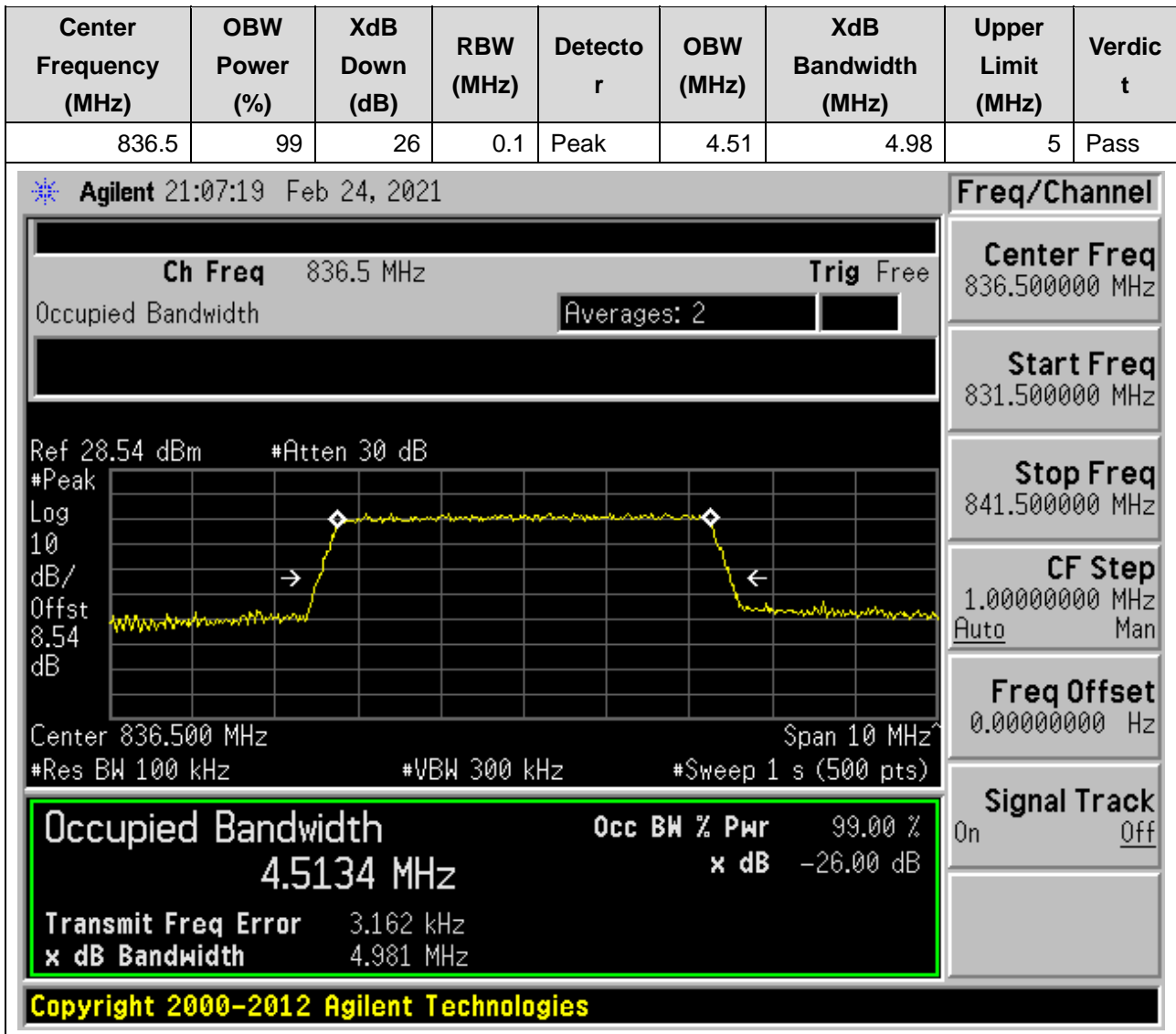


**10.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.5	4.96	5	Pass



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



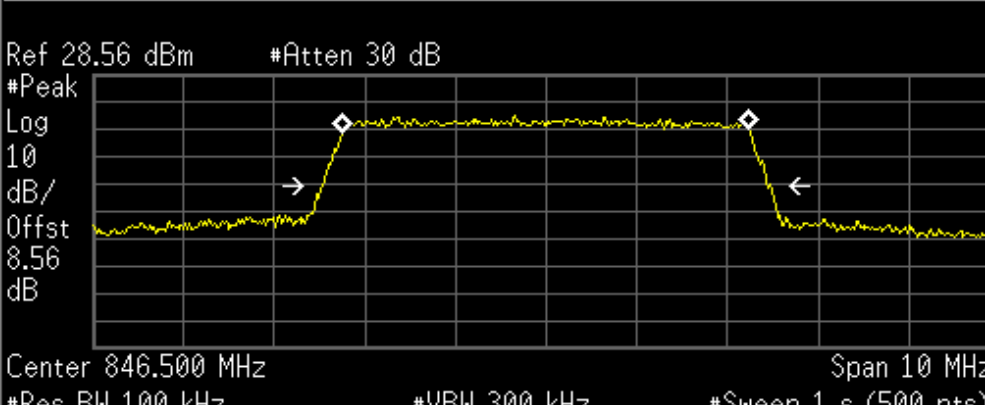
**10.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.49	4.96	5	Pass

**Agilent** 21:07:32 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.56 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.56 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 %

**4.4850 MHz**

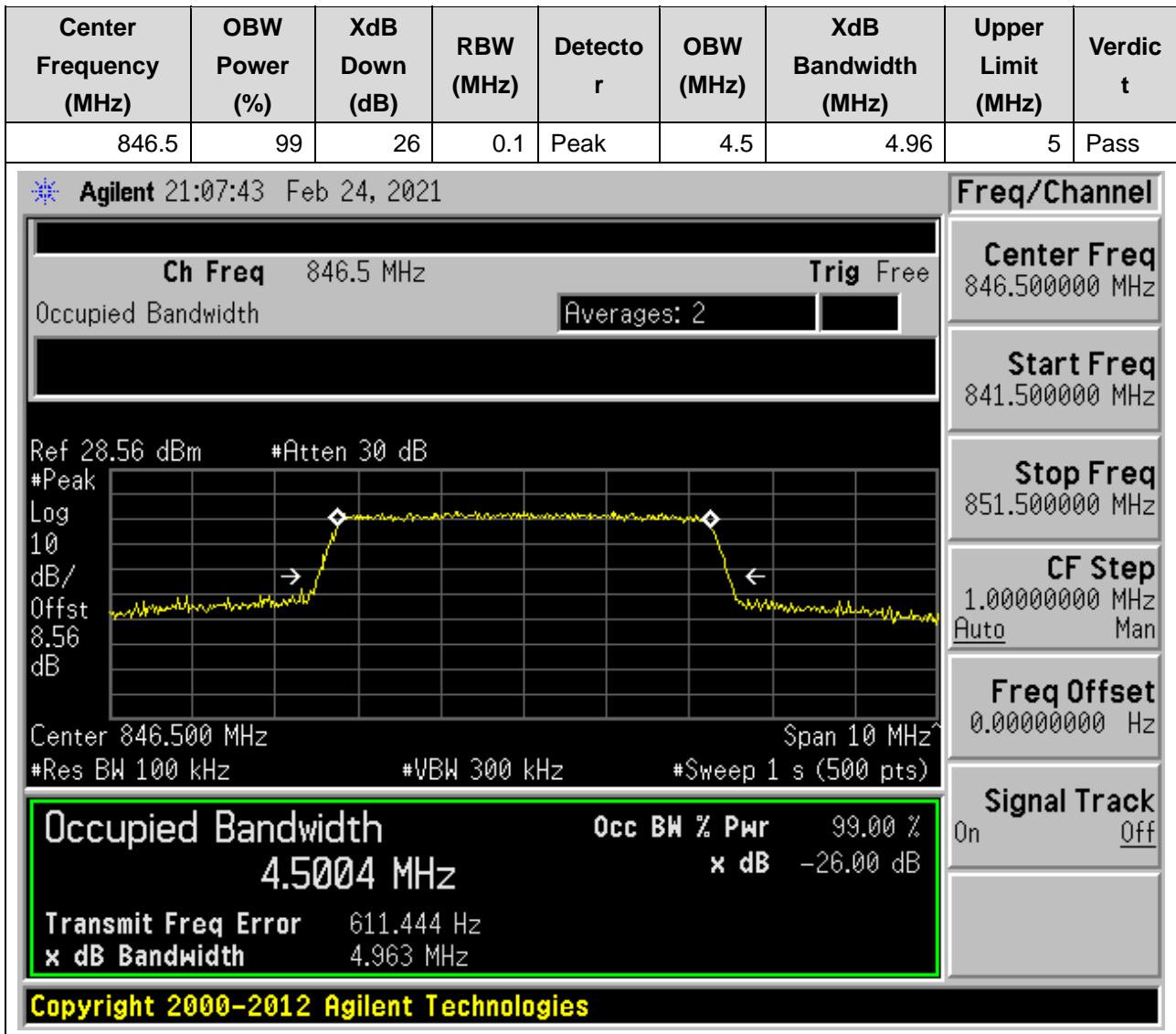
**x dB** -26.00 dB

**Transmit Freq Error** -5.315 kHz

**x dB Bandwidth** 4.960 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)**





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

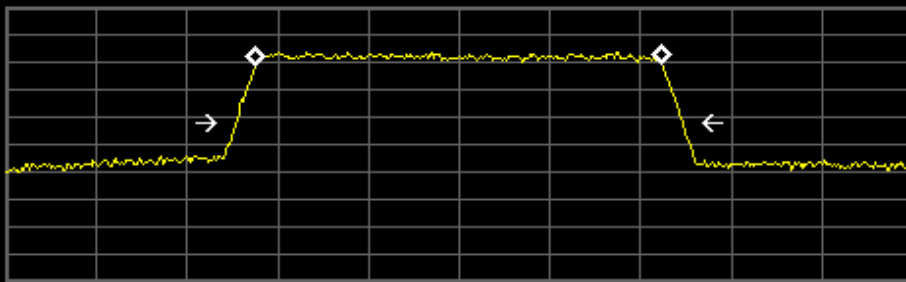
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.97	9.9	10	Pass

**Agilent** 21:08:00 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 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 %

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

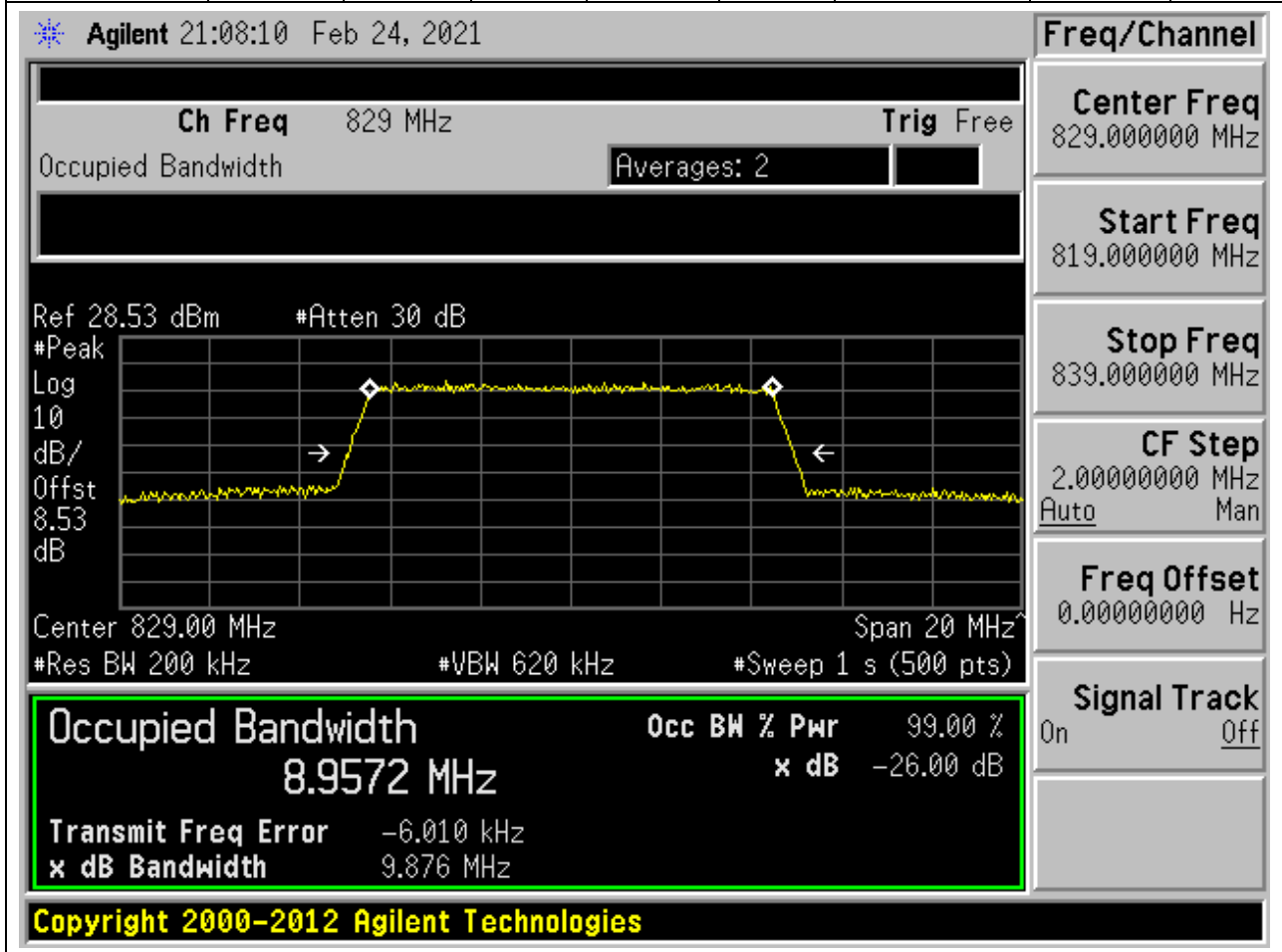
**Transmit Freq Error** -10.303 kHz

**x dB Bandwidth** 9.898 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	8.96	9.88	10	Pass



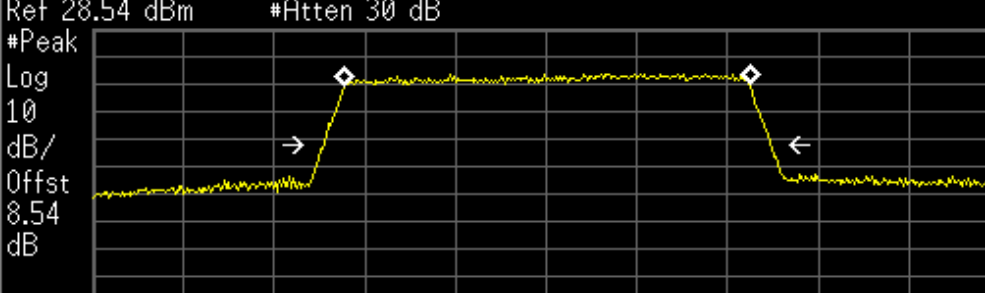
**10.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.96	9.89	10	Pass

**Agilent** 21:08:24 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**8.9604 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 14.117 kHz

**x dB Bandwidth** 9.891 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	8.97	9.9	10	Pass

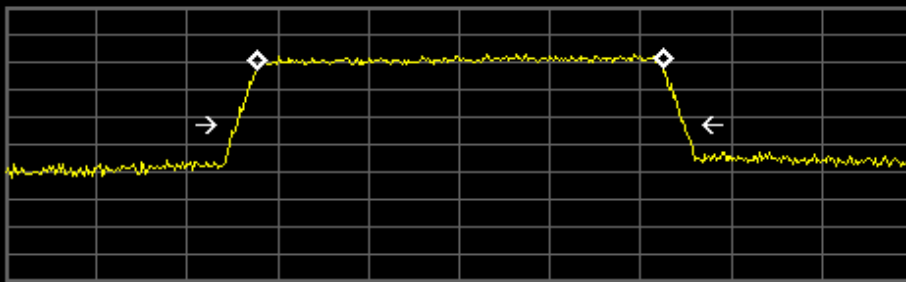
**Agilent** 21:08:35 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**8.9702 MHz** **x dB** -26.00 dB

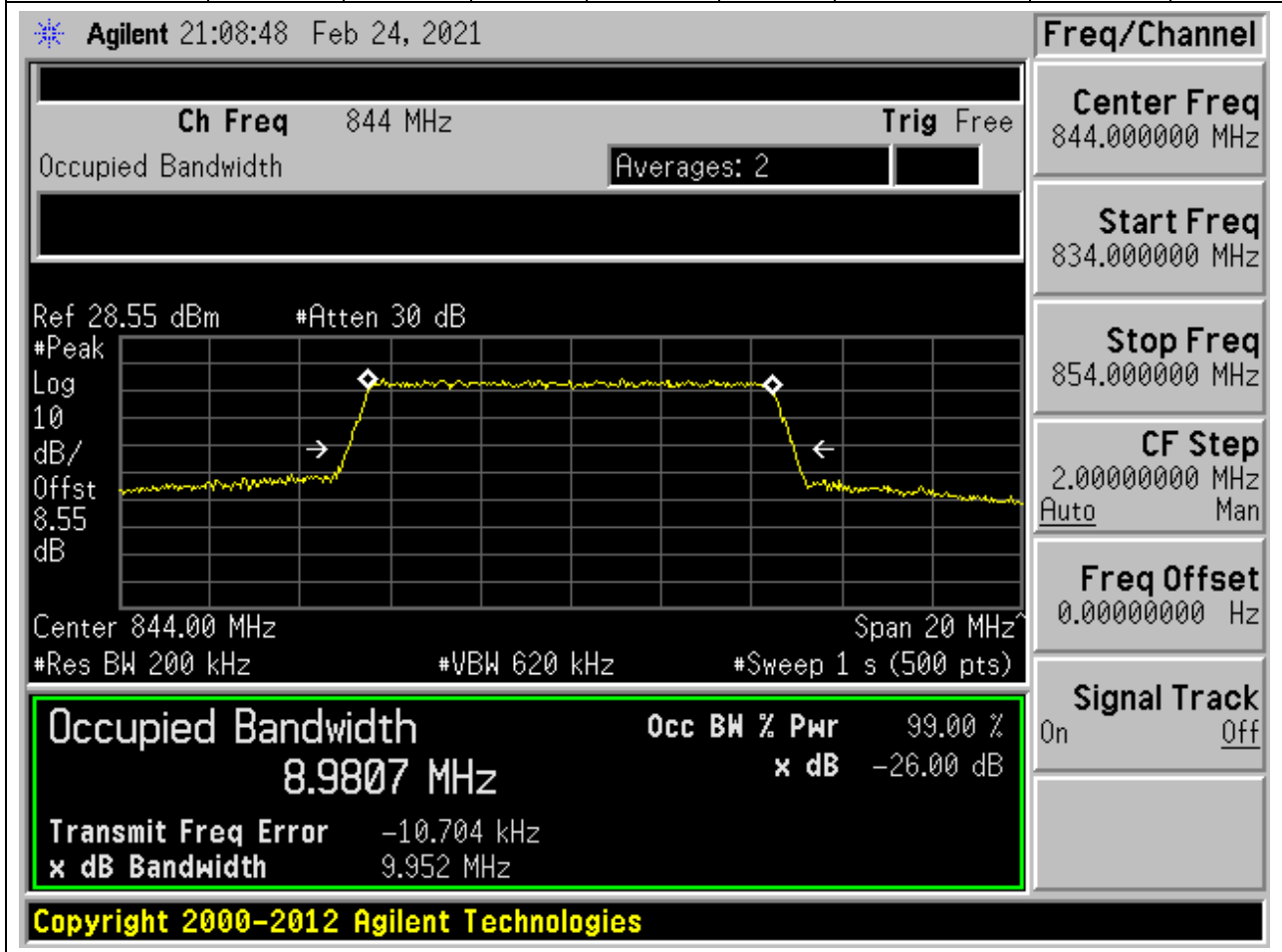
**Transmit Freq Error** 9.813 kHz

**x dB Bandwidth** 9.900 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	8.98	9.95	10	Pass



**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	8.97	9.93	10	Pass

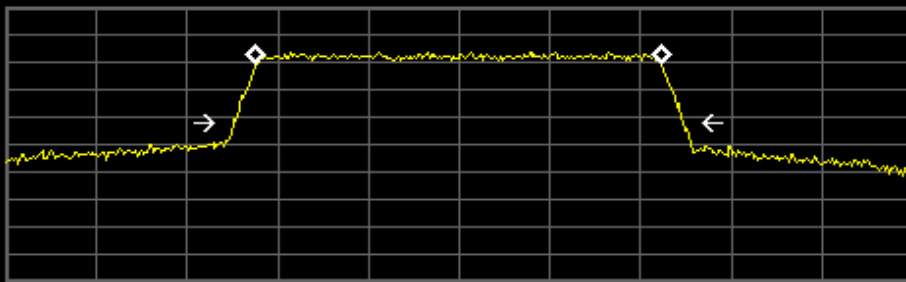
**Agilent** 21:08:58 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.55 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.55 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 %

**8.9714 MHz** **x dB** -26.00 dB

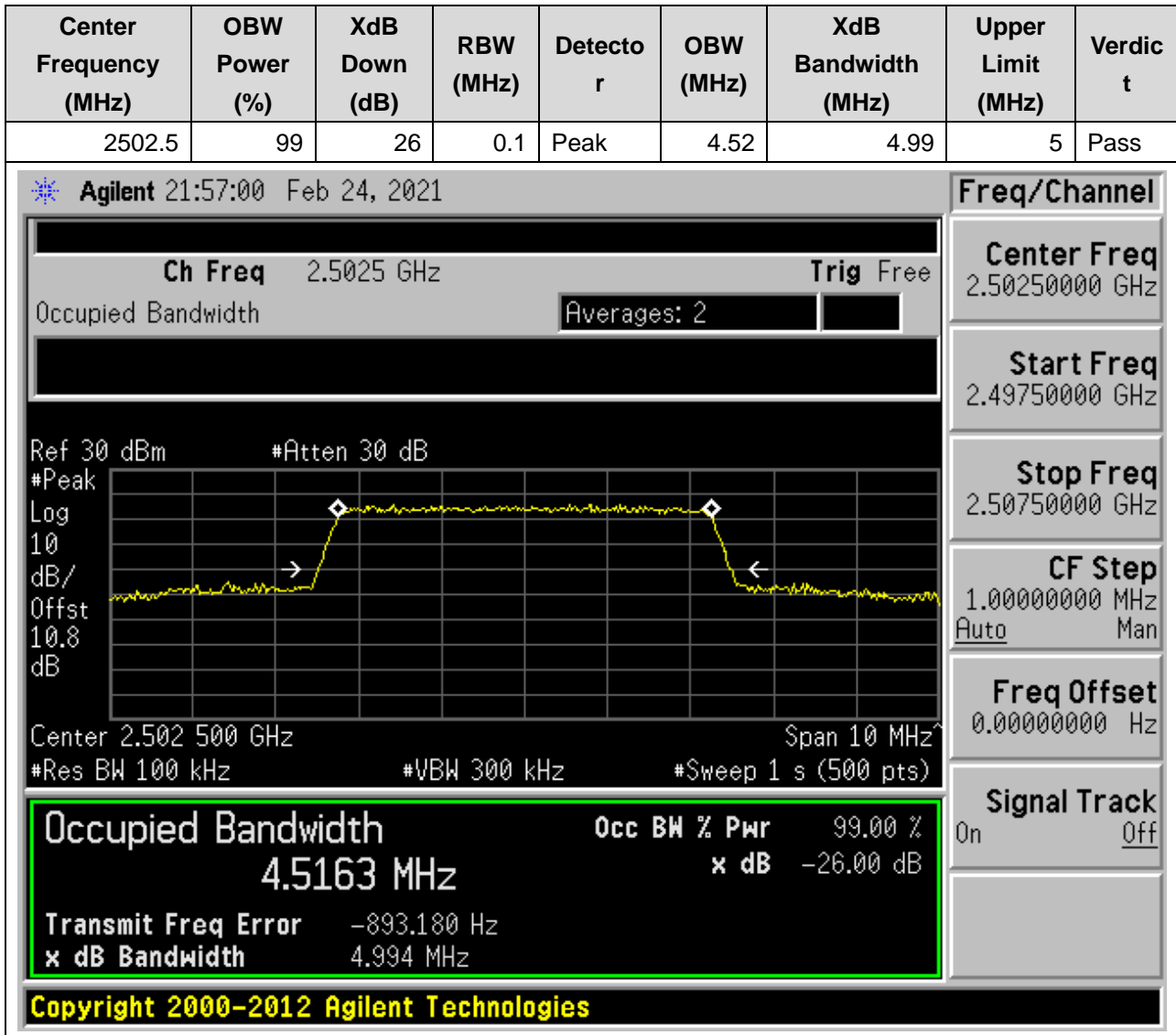
**Transmit Freq Error** -15.179 kHz

**x dB Bandwidth** 9.931 MHz

**Copyright 2000–2012 Agilent Technologies**

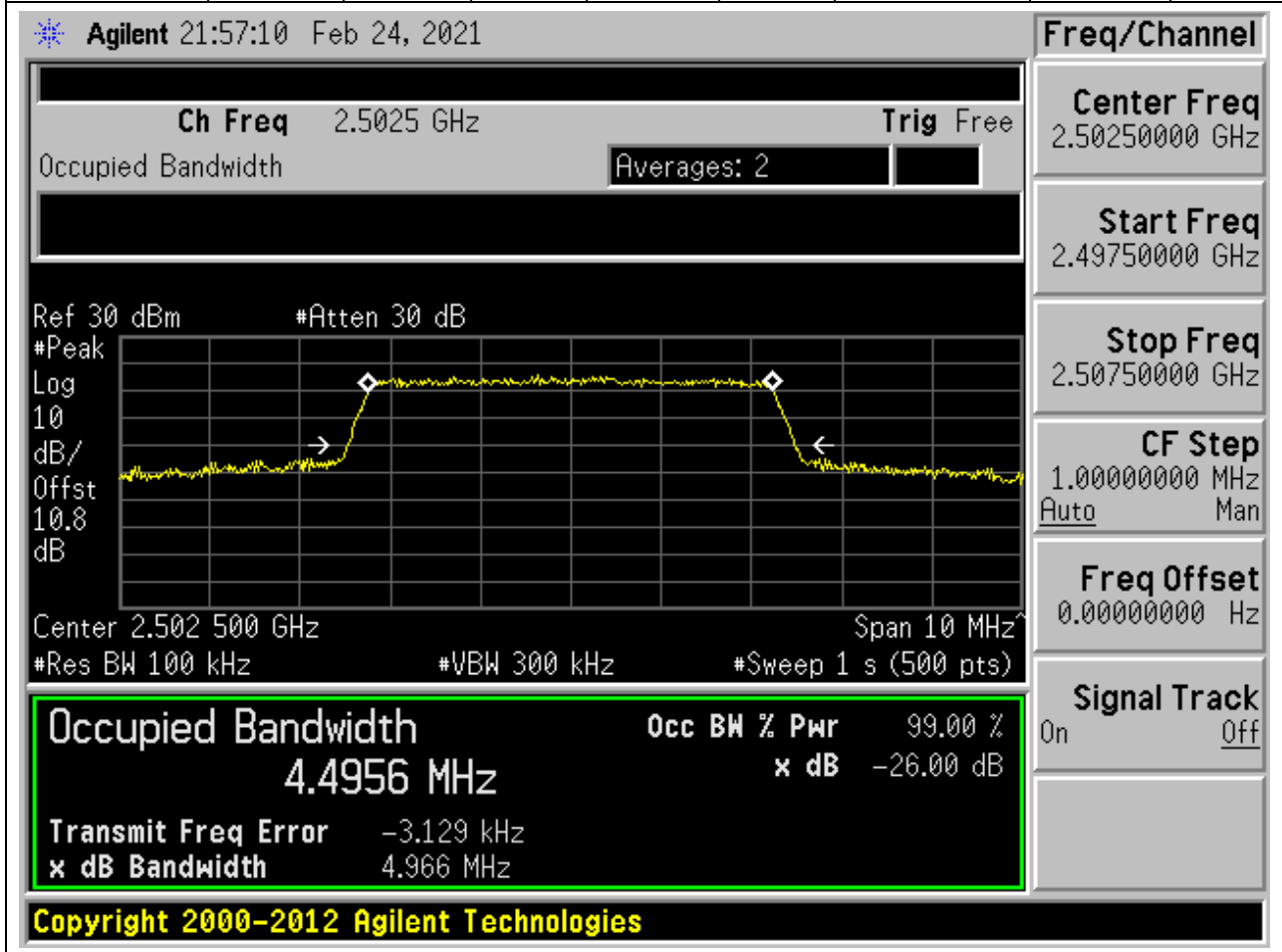
## 11. LTE\_Band7

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)**

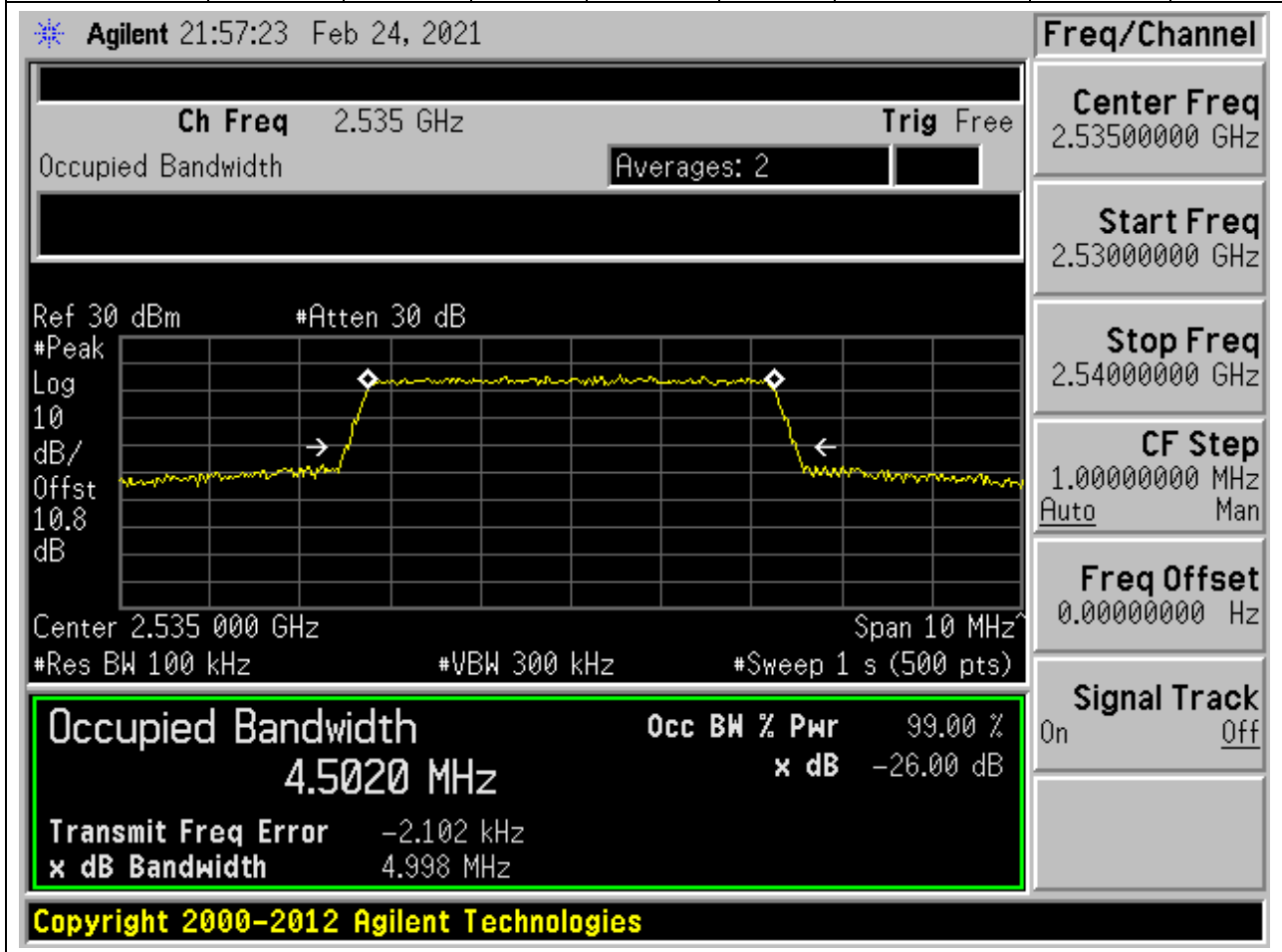
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2502.5	99	26	0.1	Peak	4.5	4.97	5	Pass





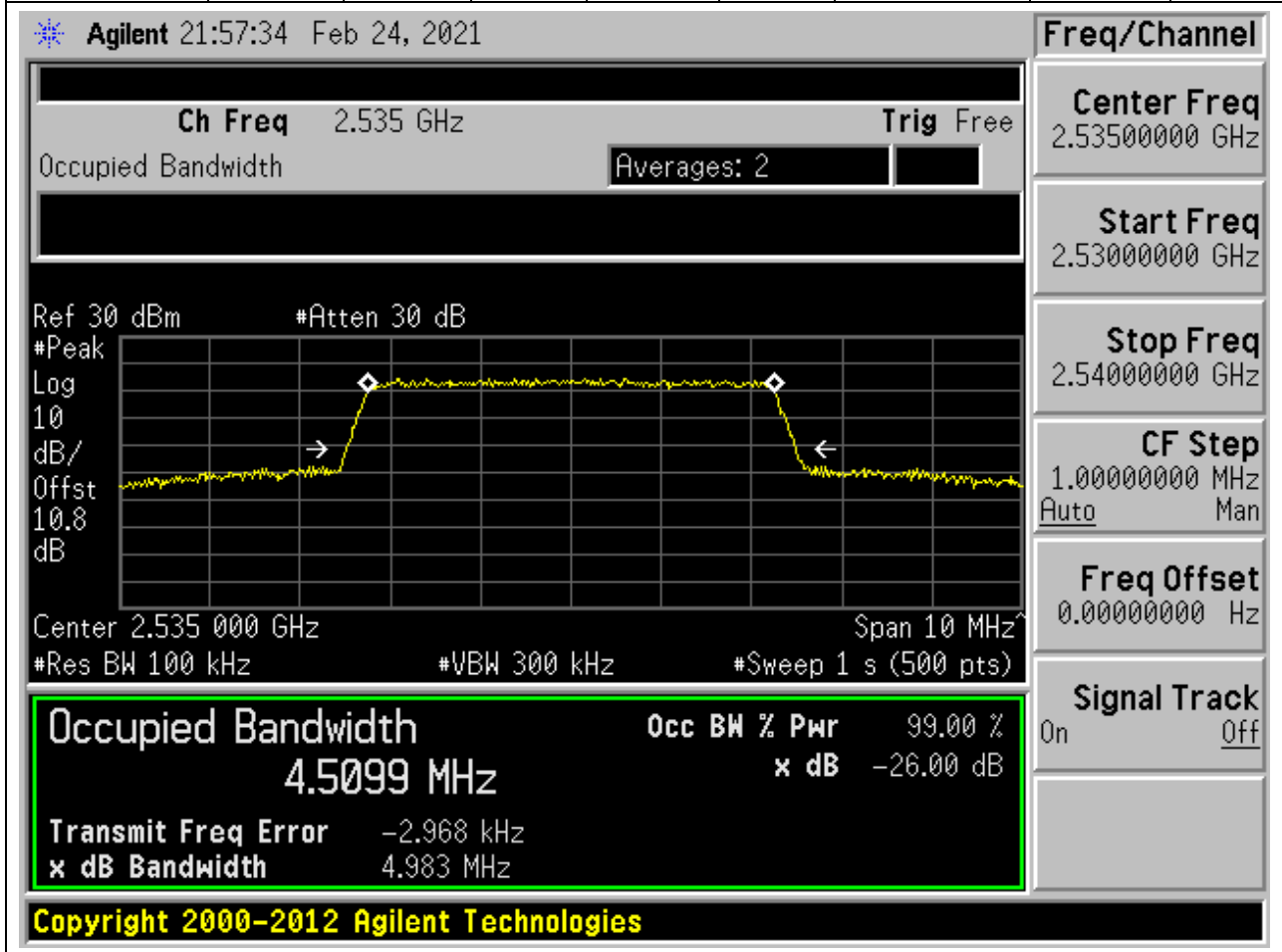
**11.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.5	5	5	Pass



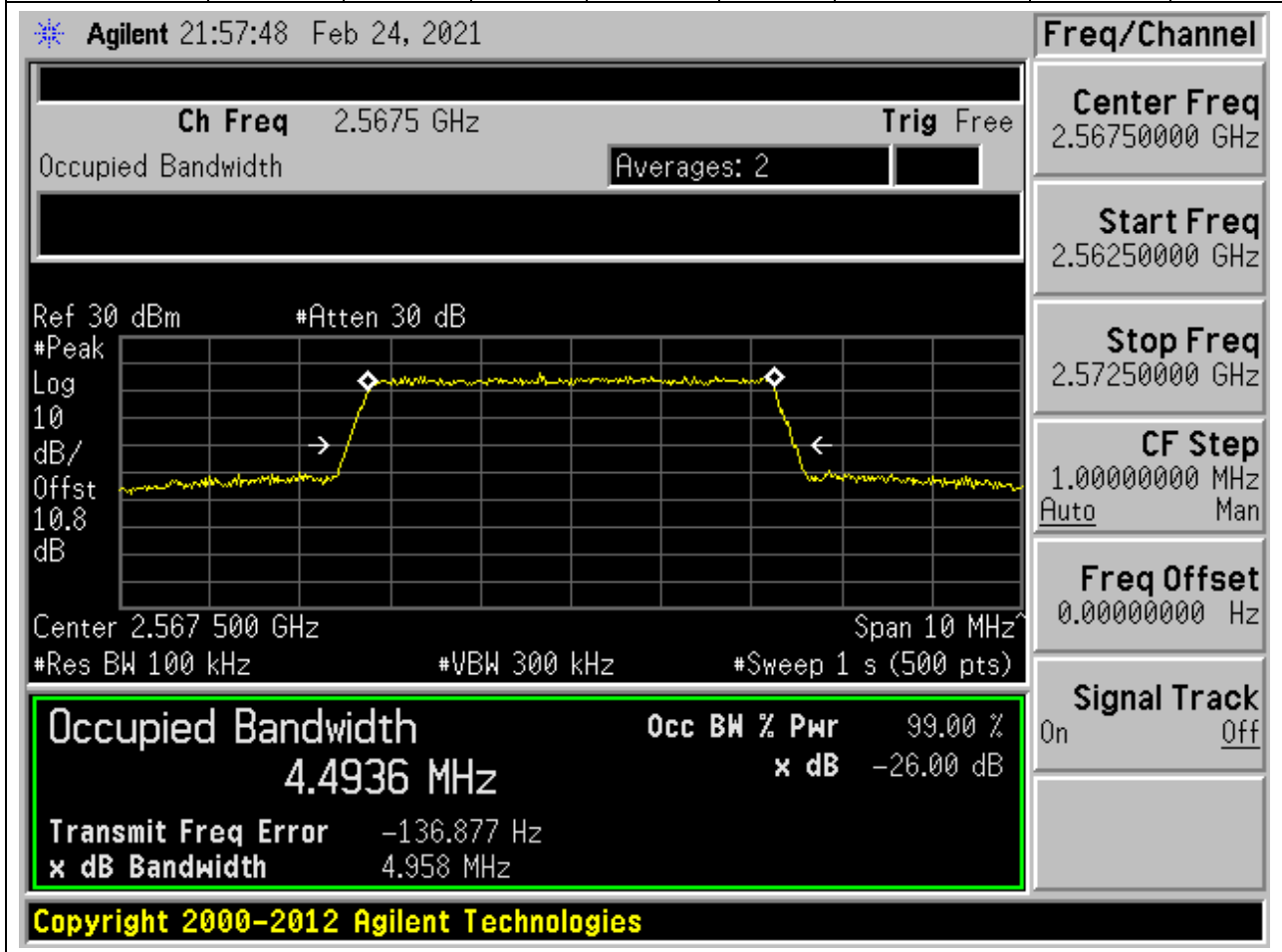
**11.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.51	4.98	5	Pass



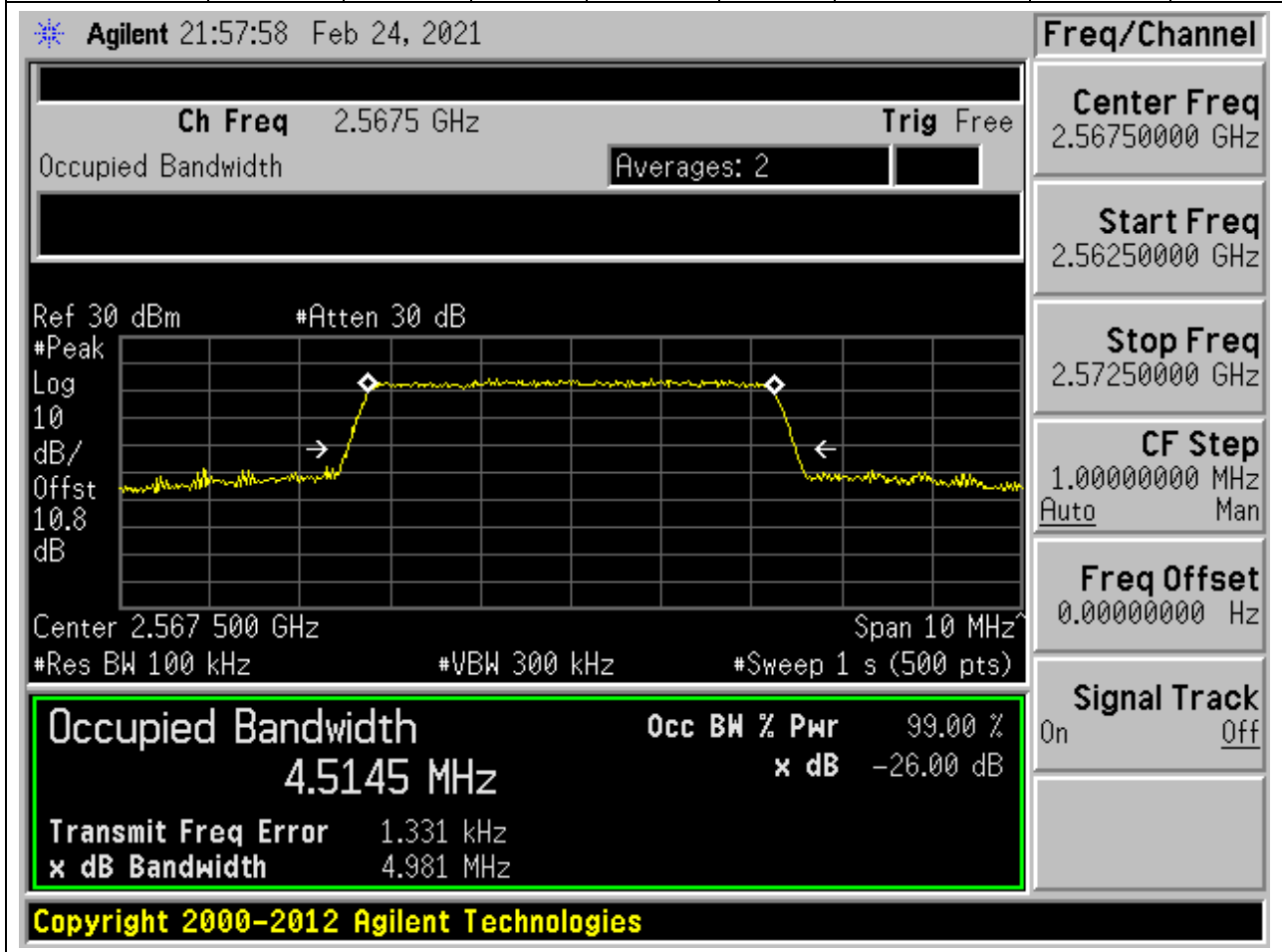
**11.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.49	4.96	5	Pass



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	4.51	4.98	5	Pass



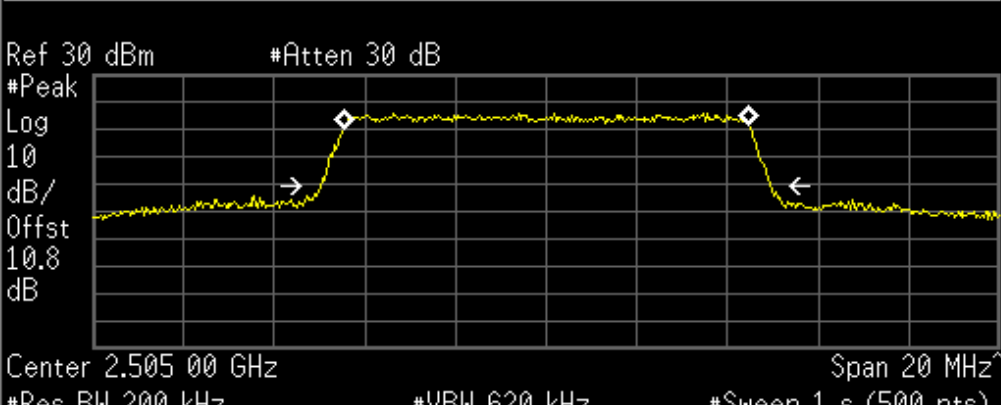
**11.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.96	9.94	10	Pass

**Agilent** 21:58:15 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/Offst

10.8

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 %
<b>8.9643 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	447.549 Hz	
<b>x dB Bandwidth</b>	9.937 MHz	

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**Freq/Channel**

**Center Freq**  
2.50500000 GHz

**Start Freq**  
2.49500000 GHz

**Stop Freq**  
2.51500000 GHz

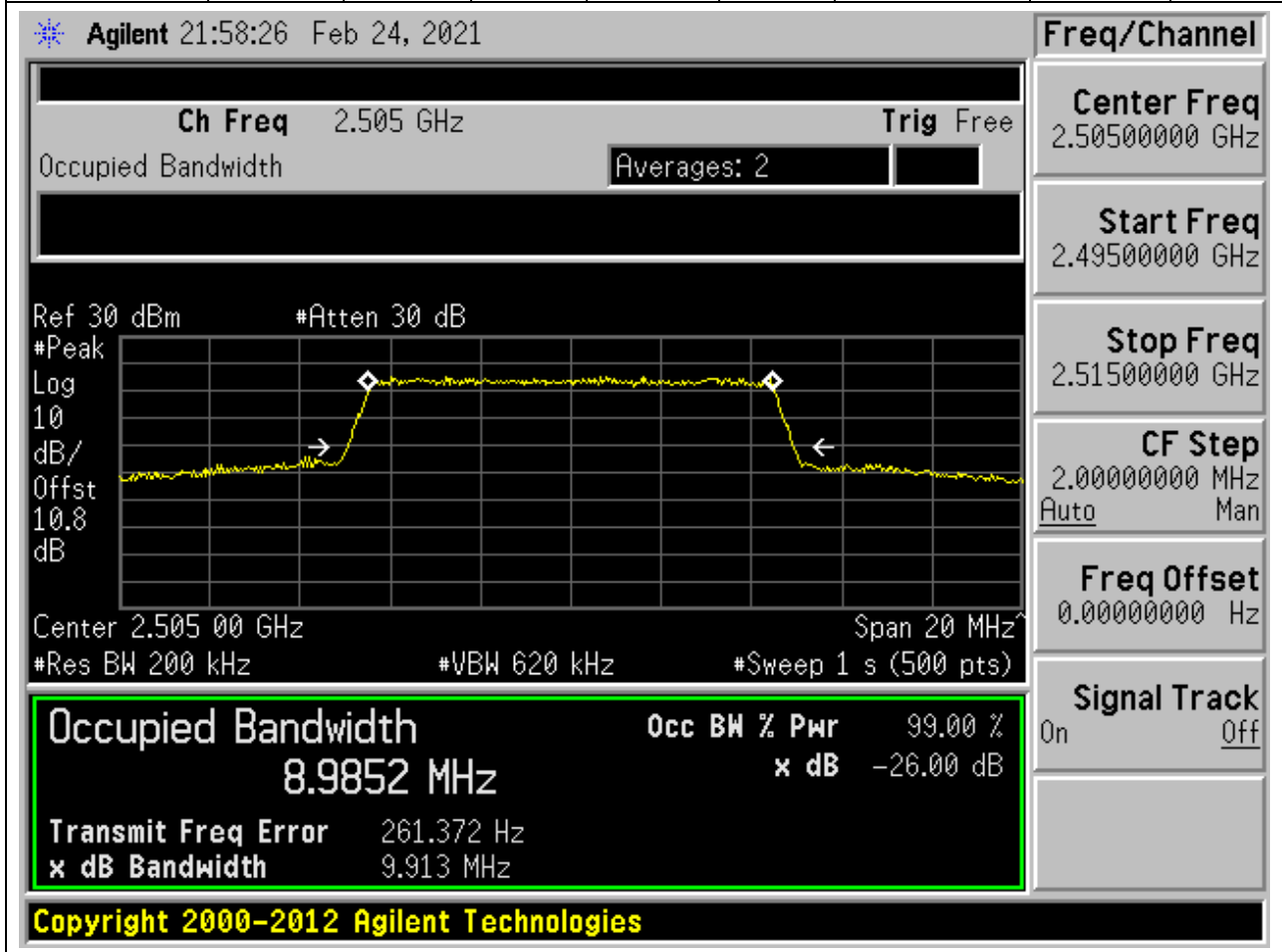
**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.99	9.91	10	Pass



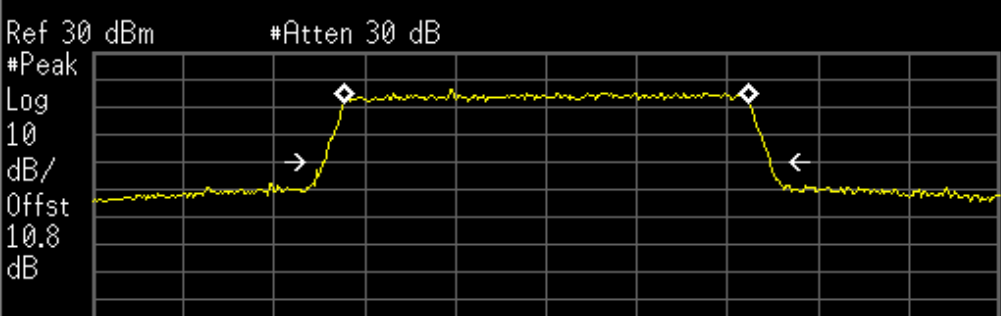
**11.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.2	Peak	8.96	9.87	10	Pass

**Agilent** 21:58:40 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.535 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>8.9594 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	8.868 kHz	
<b>x dB Bandwidth</b>	9.870 MHz	

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**Freq/Channel**

**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

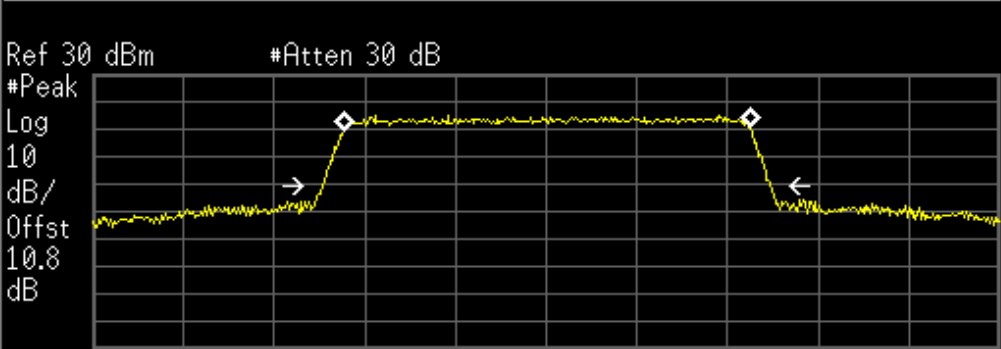
**11.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.97	9.94	10	Pass

**Agilent** 21:58:50 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.535 00 GHz Span 20 MHz

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

**Freq/Channel**

**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 %

**8.9743 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 10.526 kHz

**x dB Bandwidth** 9.939 MHz

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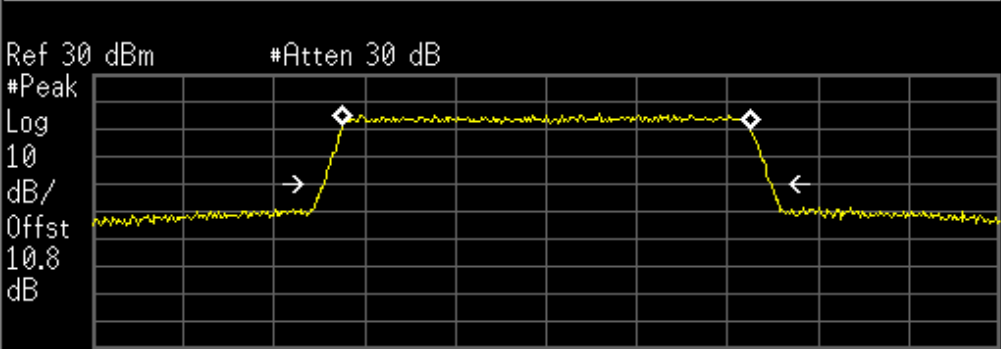
**11.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	9	9.9	10	Pass

**Agilent** 21:59:03 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.565 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
2.56500000 GHz

**Start Freq**  
2.55500000 GHz

**Stop Freq**  
2.57500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9952 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.743 kHz

**x dB Bandwidth** 9.903 MHz

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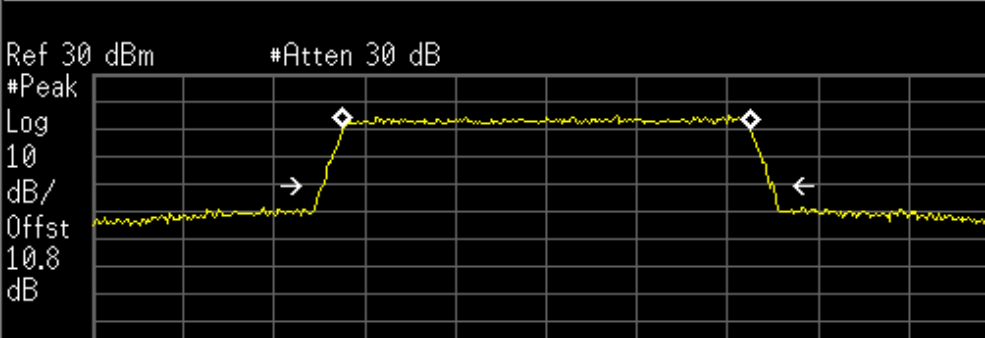
**11.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.99	9.99	10	Pass

**Agilent** 21:59:15 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.565 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
2.56500000 GHz

**Start Freq**  
2.55500000 GHz

**Stop Freq**  
2.57500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9865 MHz** **x dB** -26.00 dB

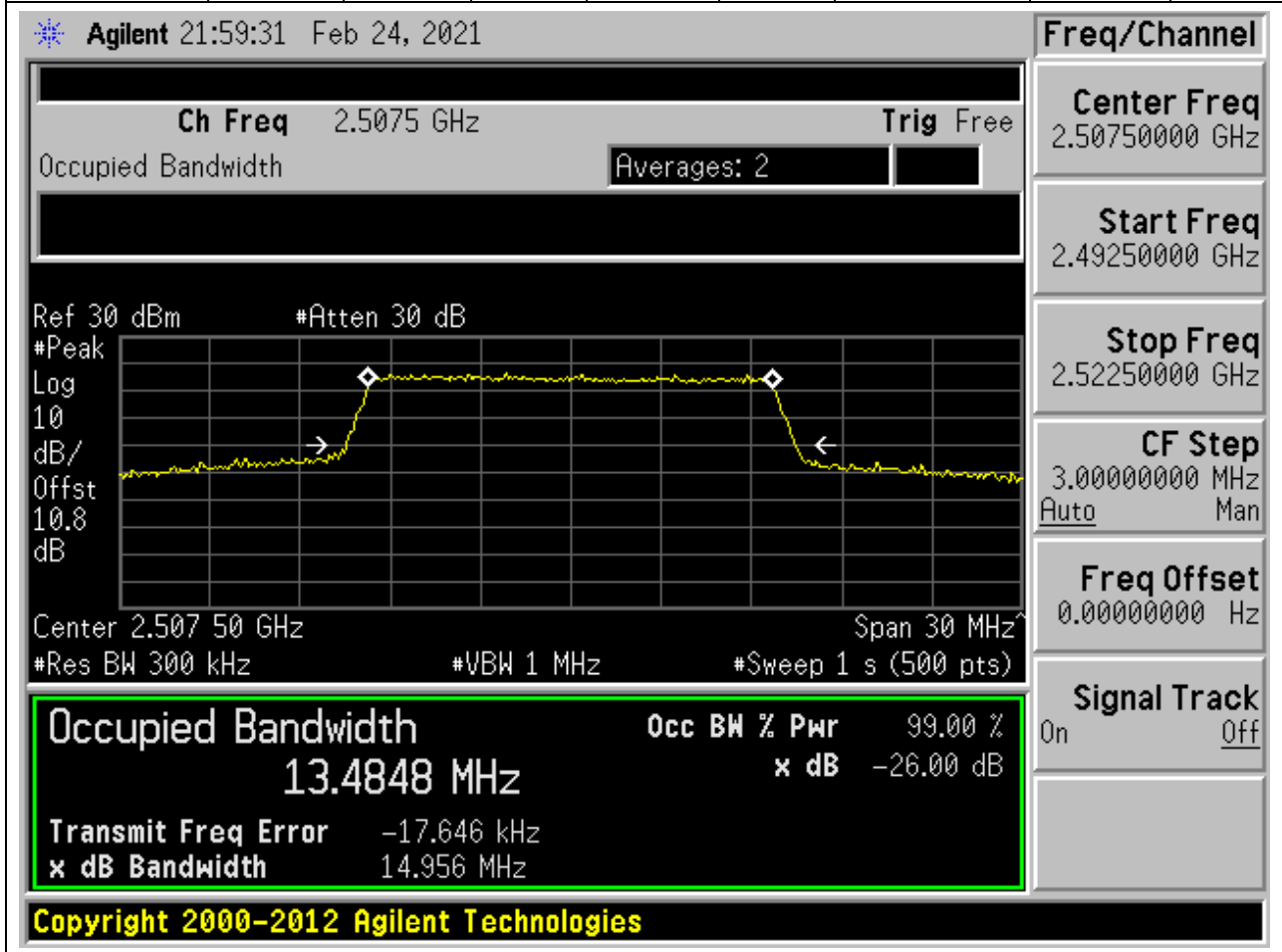
**Transmit Freq Error** 6.302 kHz

**x dB Bandwidth** 9.986 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	13.48	14.96	15	Pass



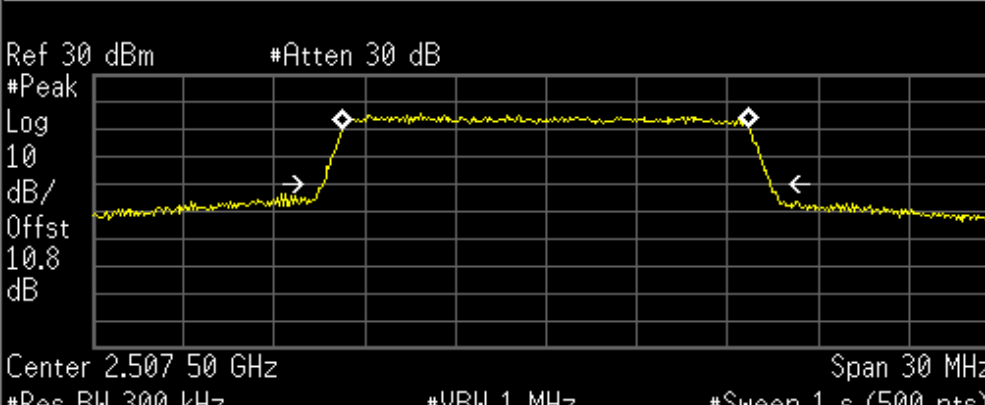
**11.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.47	14.88	15	Pass

**Agilent** 21:59:42 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

Center 2.507 50 GHz Span 30 MHz

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

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

**13.4657 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -13.009 kHz

**x dB Bandwidth** 14.883 MHz

**Freq/Channel**

**Center Freq** 2.50750000 GHz

**Start Freq** 2.49250000 GHz

**Stop Freq** 2.52250000 GHz

**CF Step** 3.00000000 MHz  
Auto Man

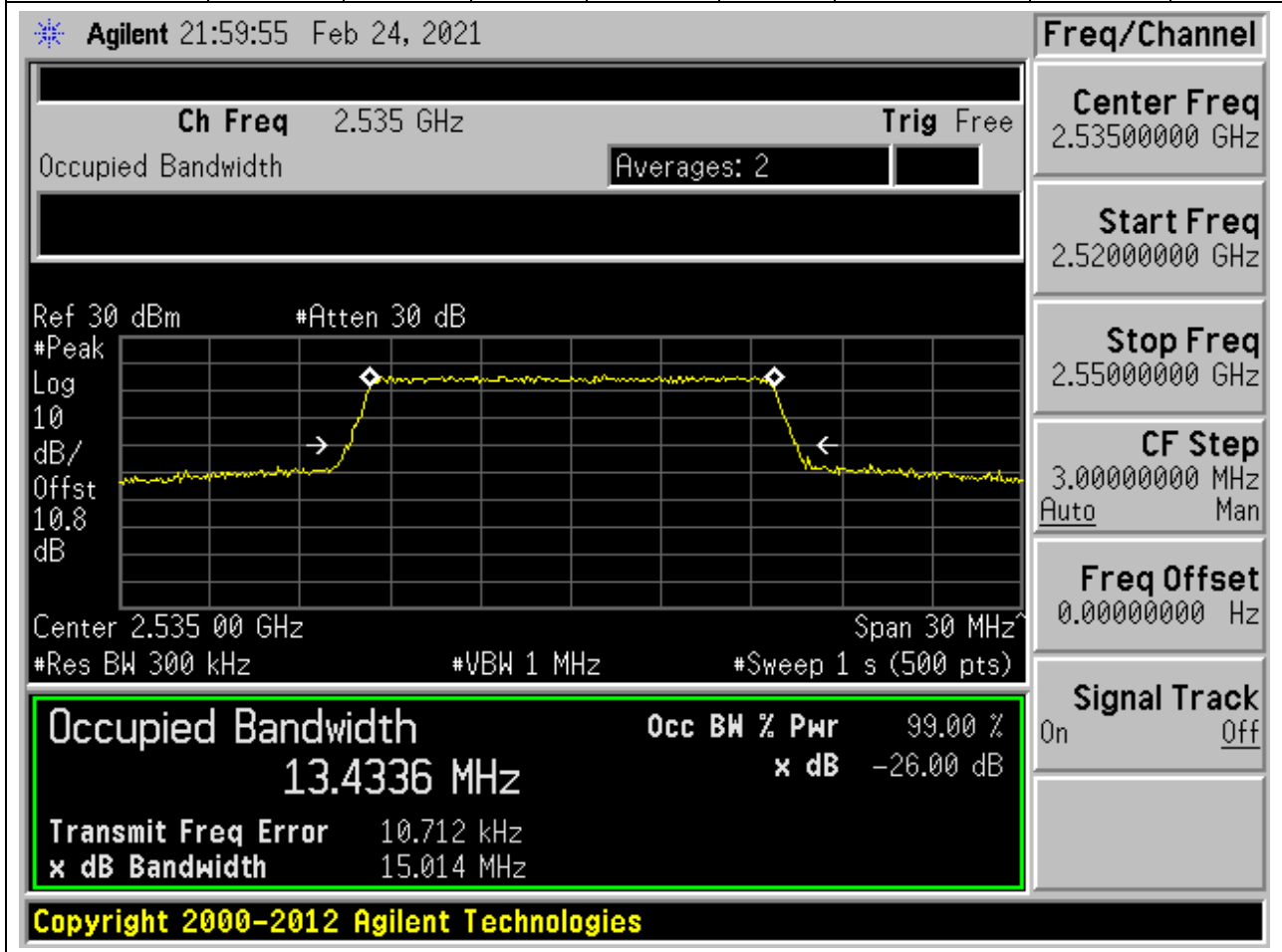
**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

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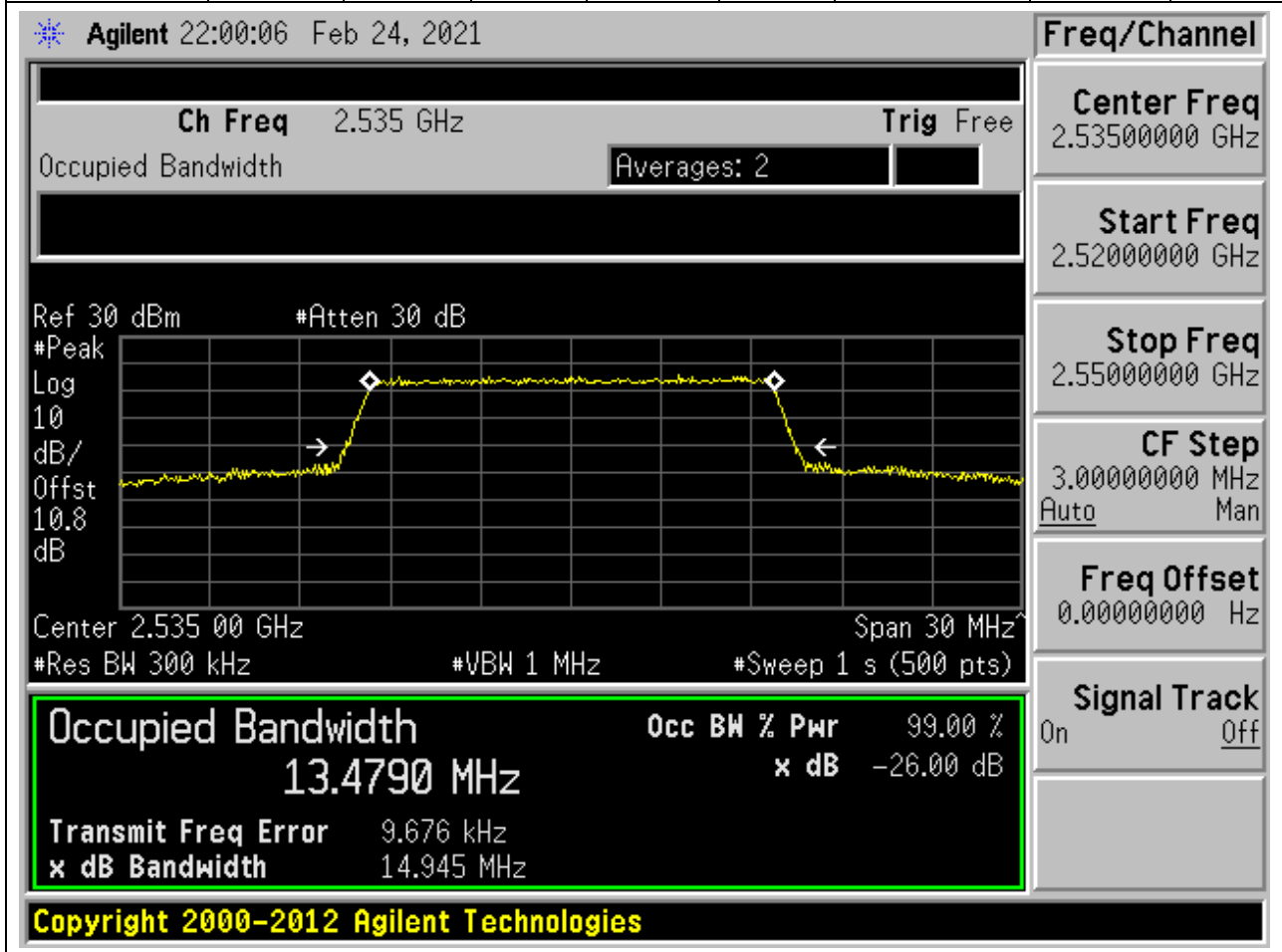
**11.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.43	15.01	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.48	14.94	15	Pass



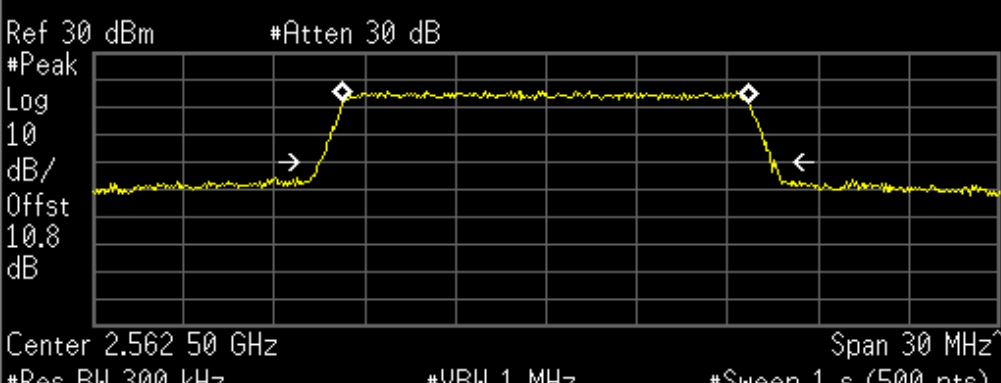
**11.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.48	15.11	15	Pass

**Agilent** 22:00:19 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.562 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4769 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-15.731 kHz	
<b>x dB Bandwidth</b>	15.112 MHz	

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**Freq/Channel**

**Center Freq**  
2.56250000 GHz

**Start Freq**  
2.54750000 GHz

**Stop Freq**  
2.57750000 GHz

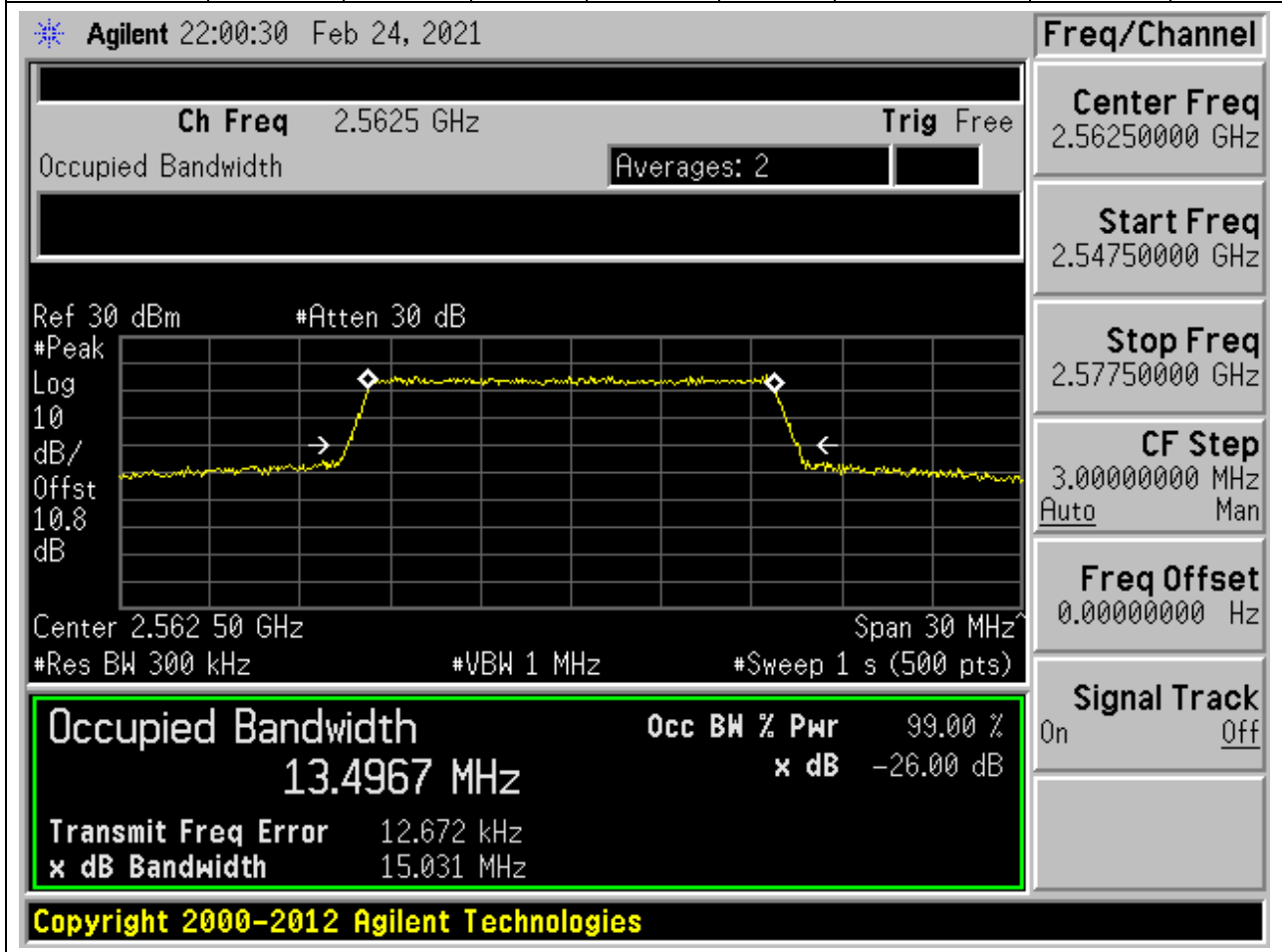
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

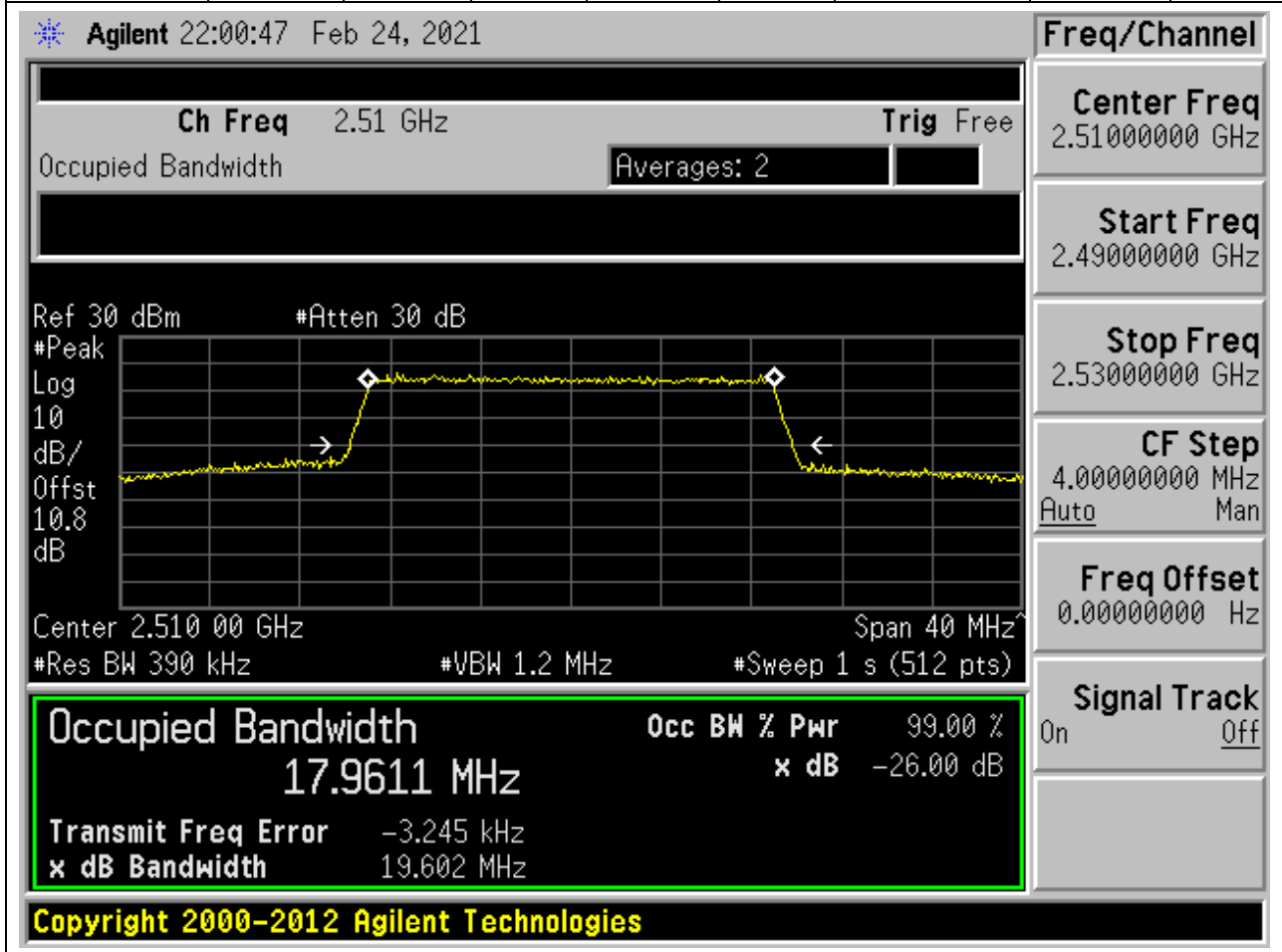
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.5	15.03	15	Pass





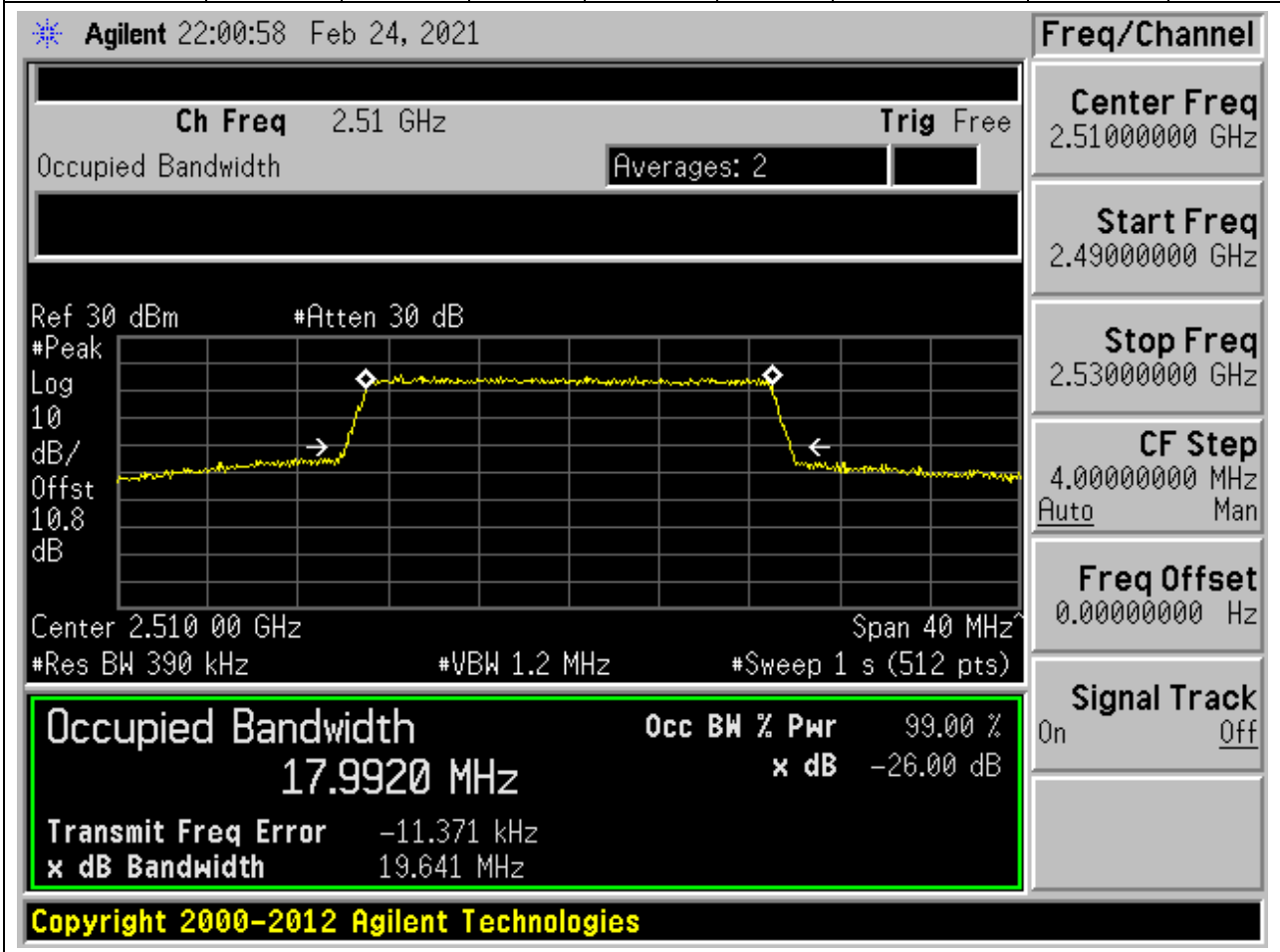
**11.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.96	19.6	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	17.99	19.64	20	Pass



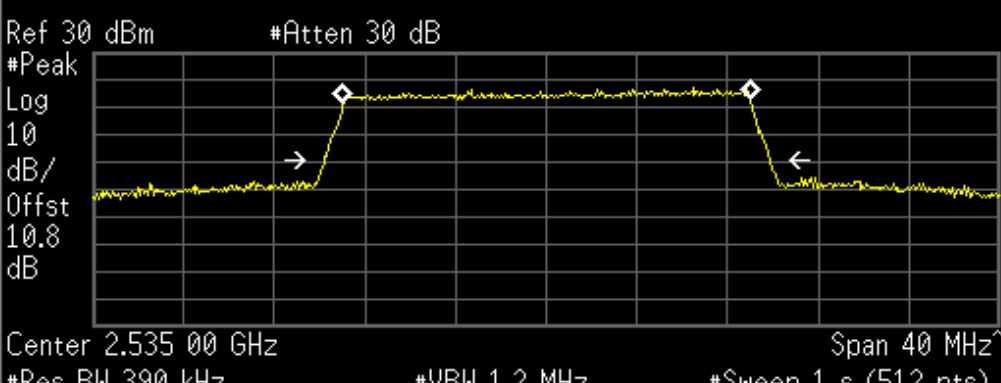
**11.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.95	19.59	20	Pass

**Agilent** 22:01:11 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

10.8 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>17.9497 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	45.705 kHz	
<b>x dB Bandwidth</b>	19.594 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.51500000 GHz

**Stop Freq**  
2.55500000 GHz

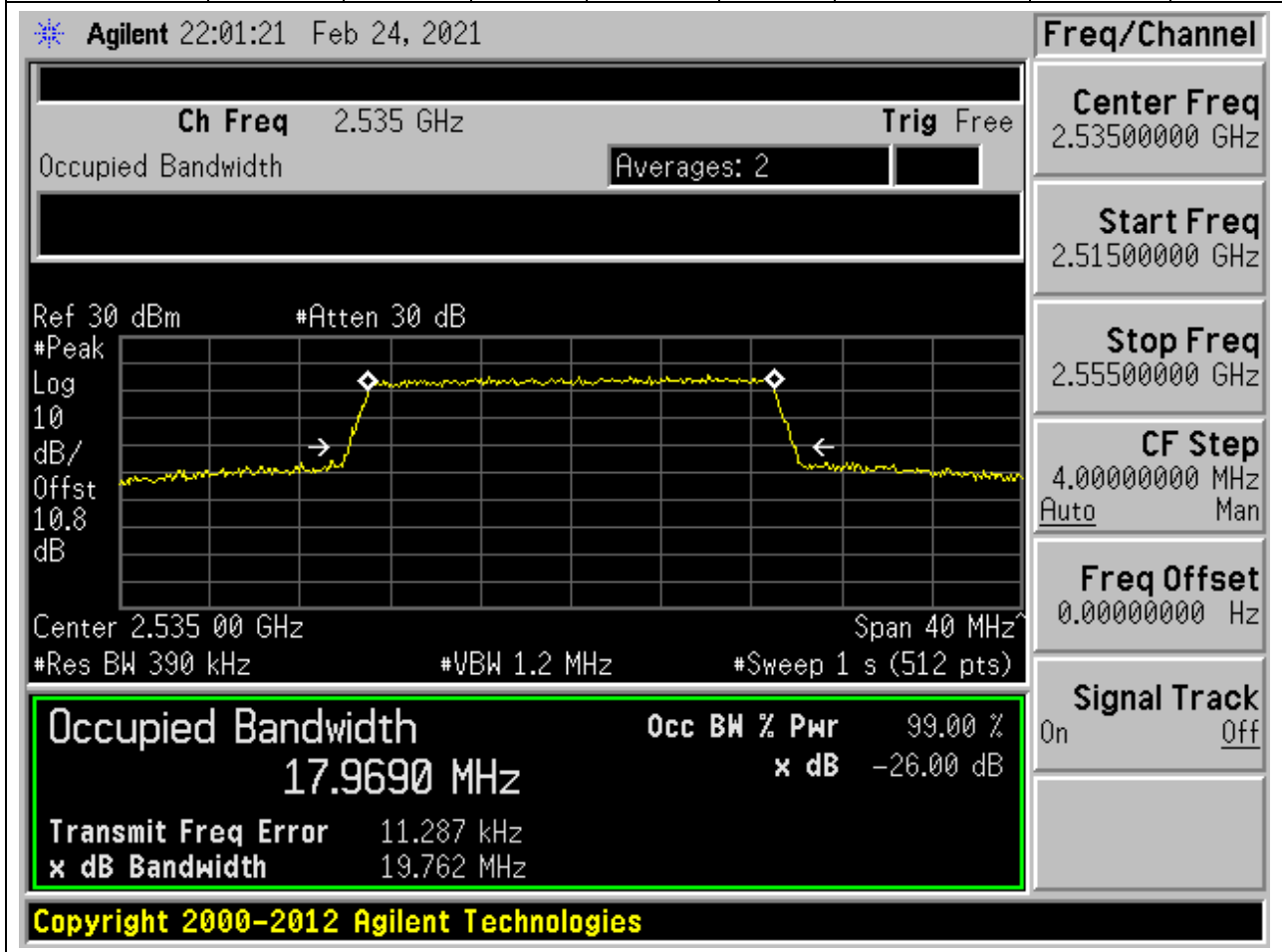
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

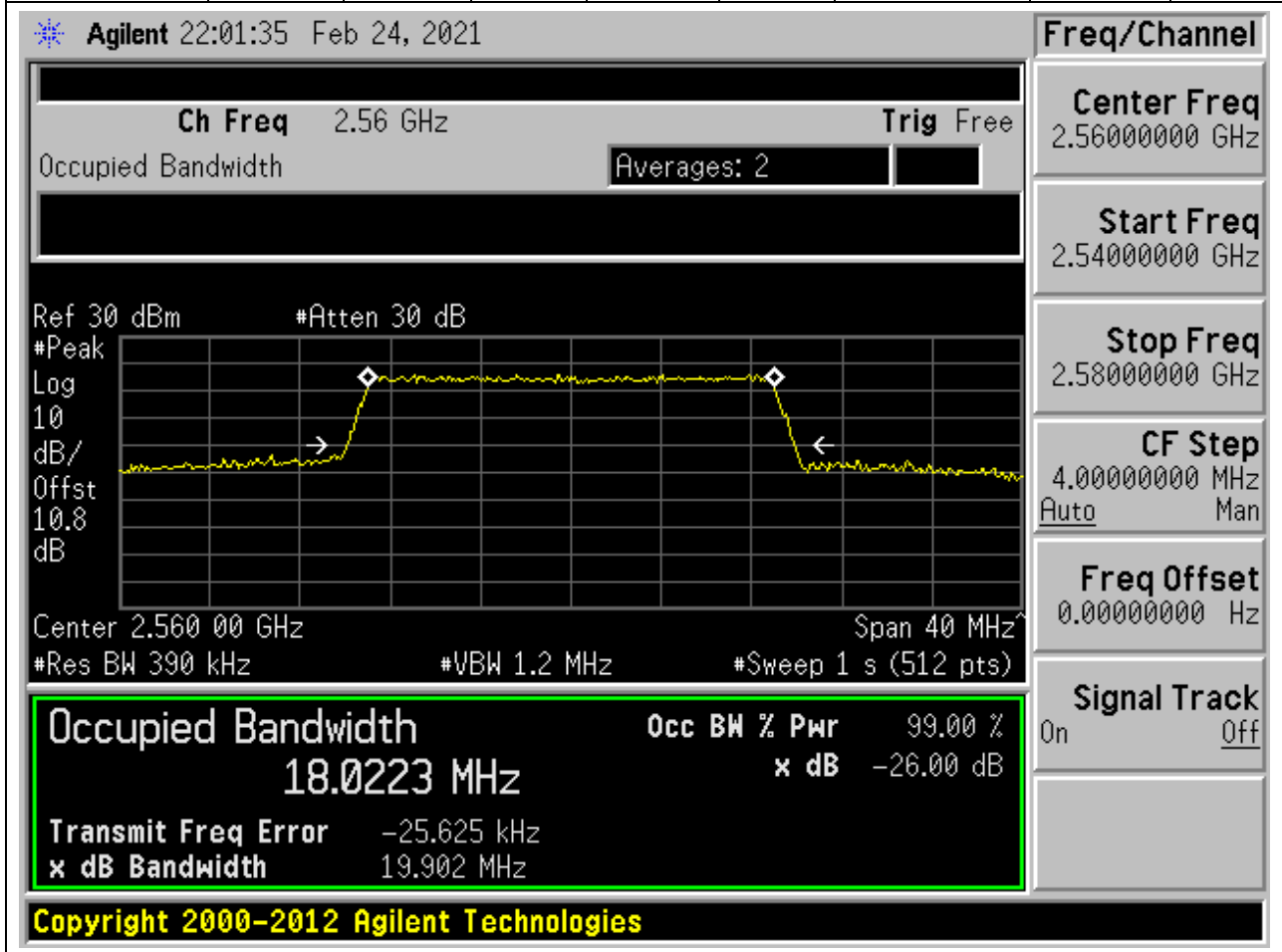
**11.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.97	19.76	20	Pass



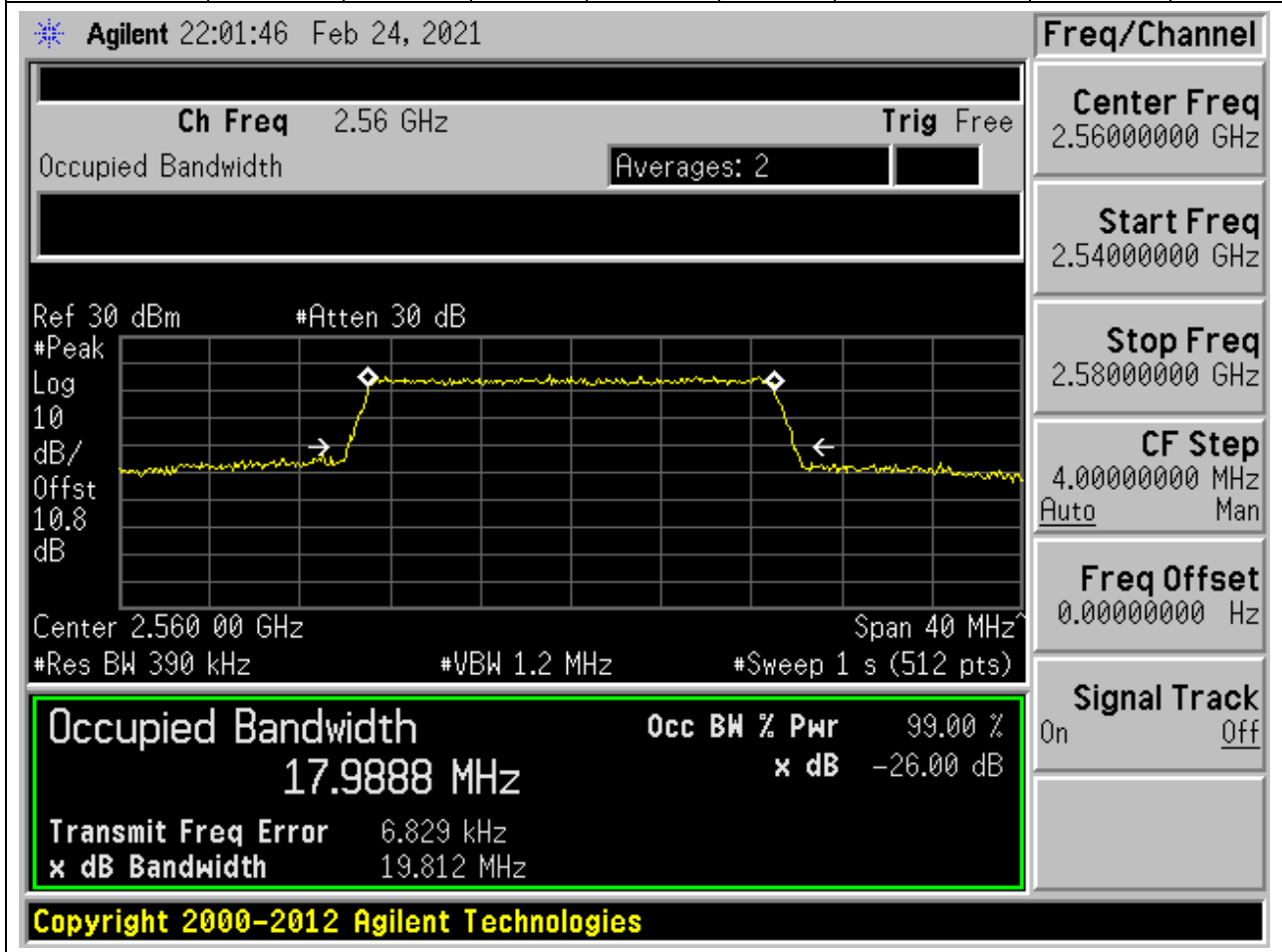
**11.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	18.02	19.9	20	Pass



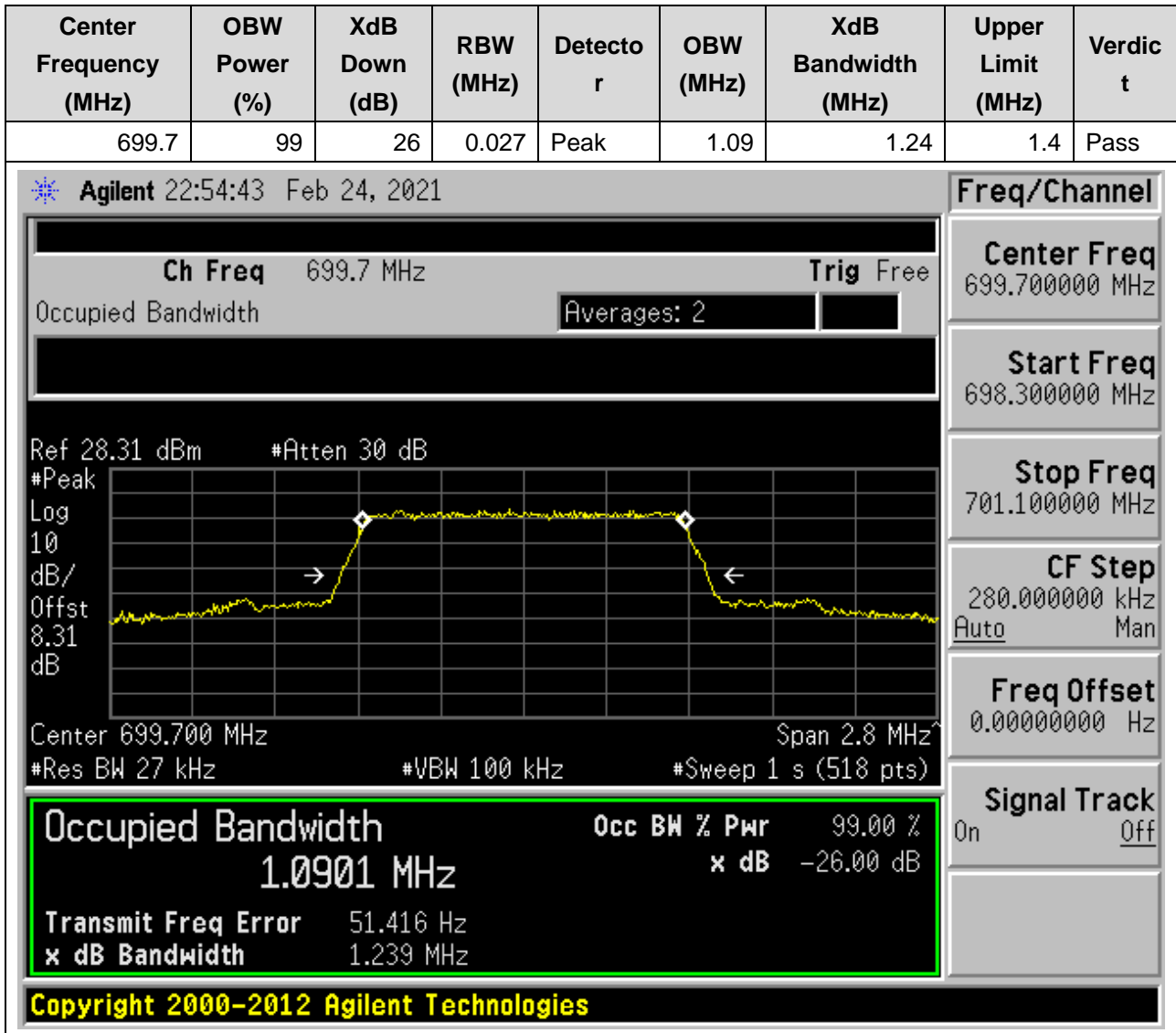
**11.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.99	19.81	20	Pass



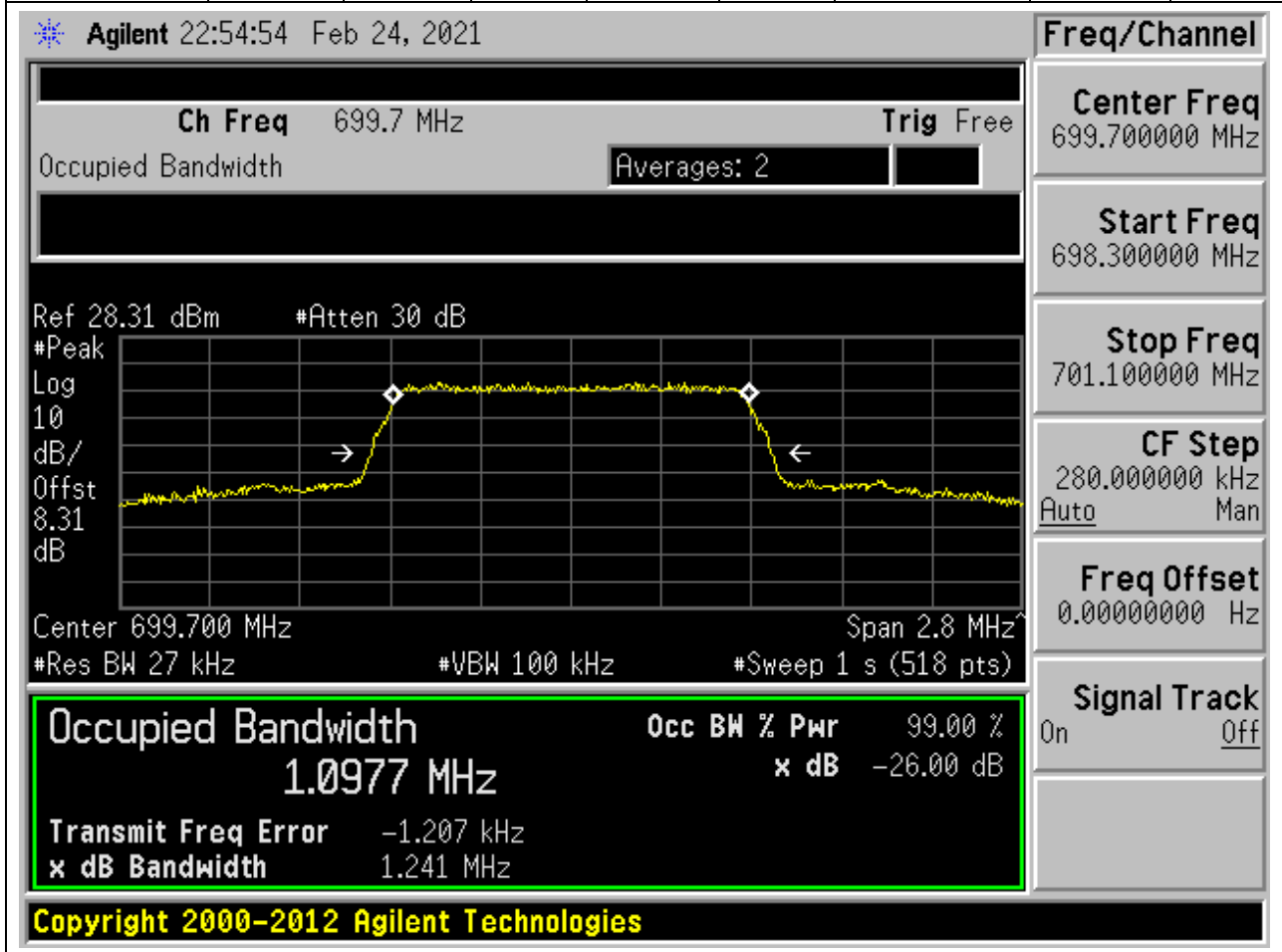
## 12. LTE\_Band12

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
699.7	99	26	0.027	Peak	1.1	1.24	1.4	Pass





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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.027	Peak	1.09	1.24	1.4	Pass

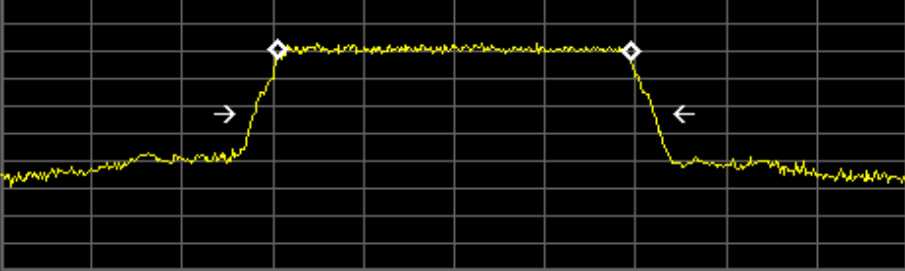
**Agilent** 22:55:07 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.33 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.33 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 %

**1.0882 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.061 kHz

**x dB Bandwidth** 1.238 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)**

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	1.09	1.24	1.4	Pass

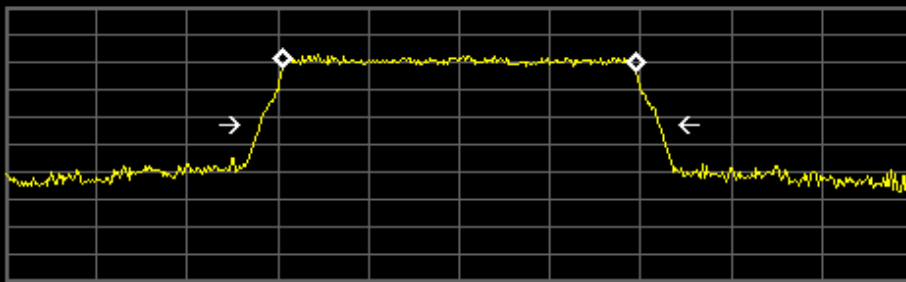
**Agilent** 22:55:18 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.33 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.33 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 %

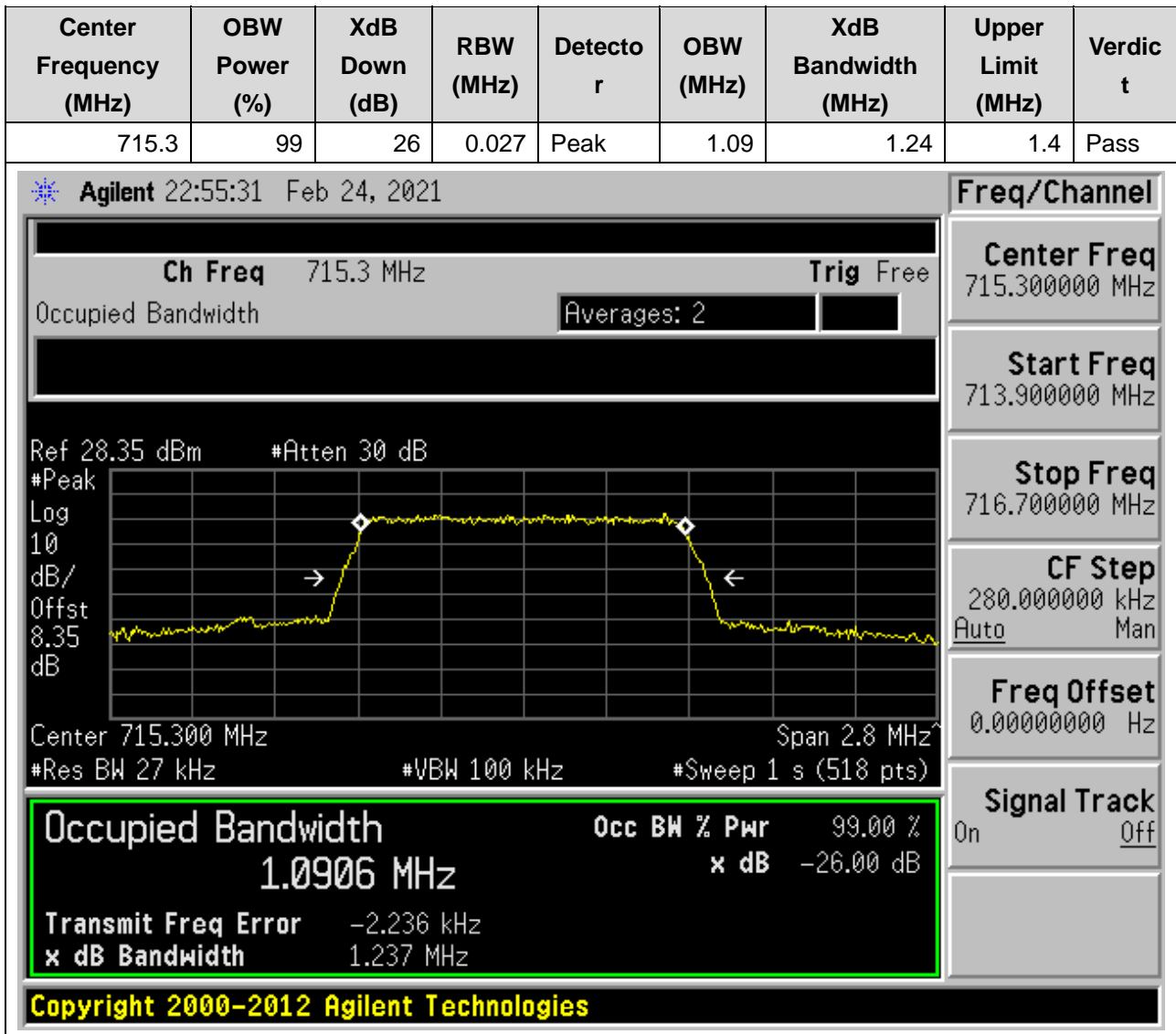
**1.0869 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -985.304 Hz

**x dB Bandwidth** 1.237 MHz

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



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

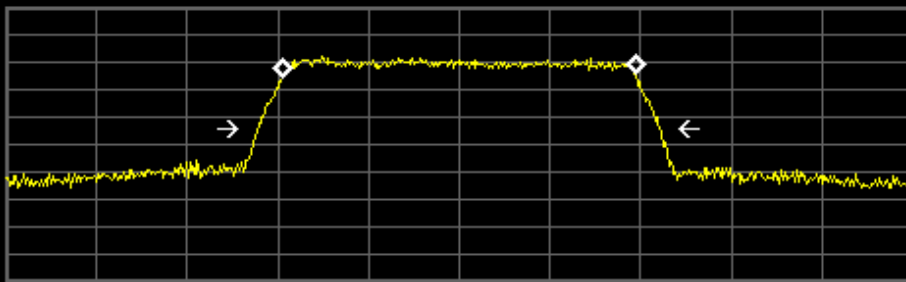
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 22:55:42 Feb 24, 2021

Ch Freq 715.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.35 dBm #Atten 30 dB



Center 715.300 MHz Span 2.8 MHz

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

**Freq/Channel**

Center Freq  
715.300000 MHz

Start Freq  
713.900000 MHz

Stop Freq  
716.700000 MHz

CF Step  
280.000000 kHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

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

1.0896 MHz

x dB -26.00 dB

Transmit Freq Error -1.598 kHz

x dB Bandwidth 1.244 MHz

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**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	2.71	3.02	3	Pass

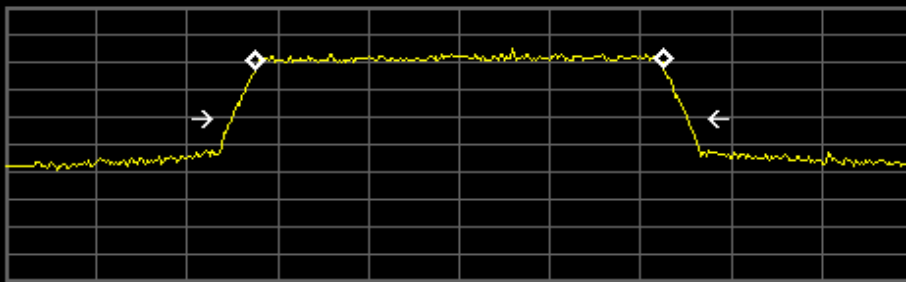
**Agilent** 22:55:59 Feb 24, 2021

**Ch Freq** 700.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.31 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.31 dB



Center 700.500 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>2.7137 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-176.942 Hz	
<b>x dB Bandwidth</b>	3.023 MHz	

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**Freq/Channel**

**Center Freq**  
700.500000 MHz

**Start Freq**  
697.500000 MHz

**Stop Freq**  
703.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.71	3.04	3	Pass

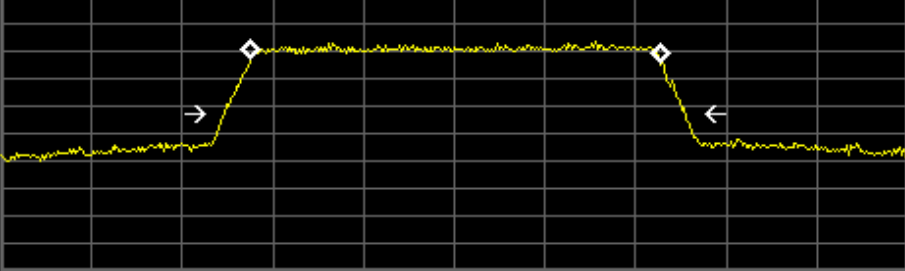
**Agilent** 22:56:10 Feb 24, 2021

**Ch Freq** 700.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.31 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.31 dB



Center 700.500 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>2.7137 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.539 kHz	
<b>x dB Bandwidth</b>	3.042 MHz	

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**Freq/Channel**

**Center Freq**  
700.500000 MHz

**Start Freq**  
697.500000 MHz

**Stop Freq**  
703.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.71	3.02	3	Pass

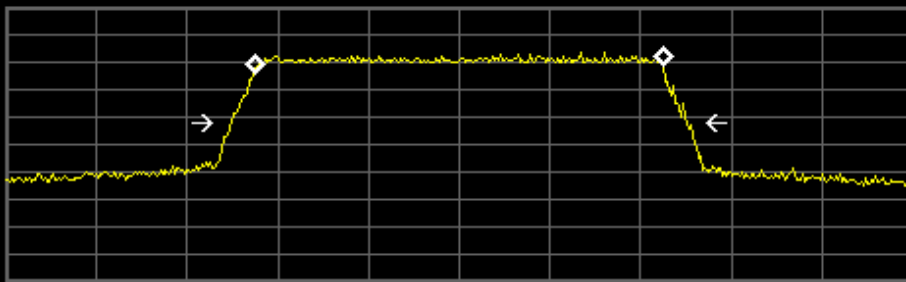
**Agilent** 22:56:23 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.33 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.33 dB



Center 707.500 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>2.7070 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.374 kHz	
<b>x dB Bandwidth</b>	3.017 MHz	

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**Freq/Channel**

**Center Freq**  
707.500000 MHz

**Start Freq**  
704.500000 MHz

**Stop Freq**  
710.500000 MHz

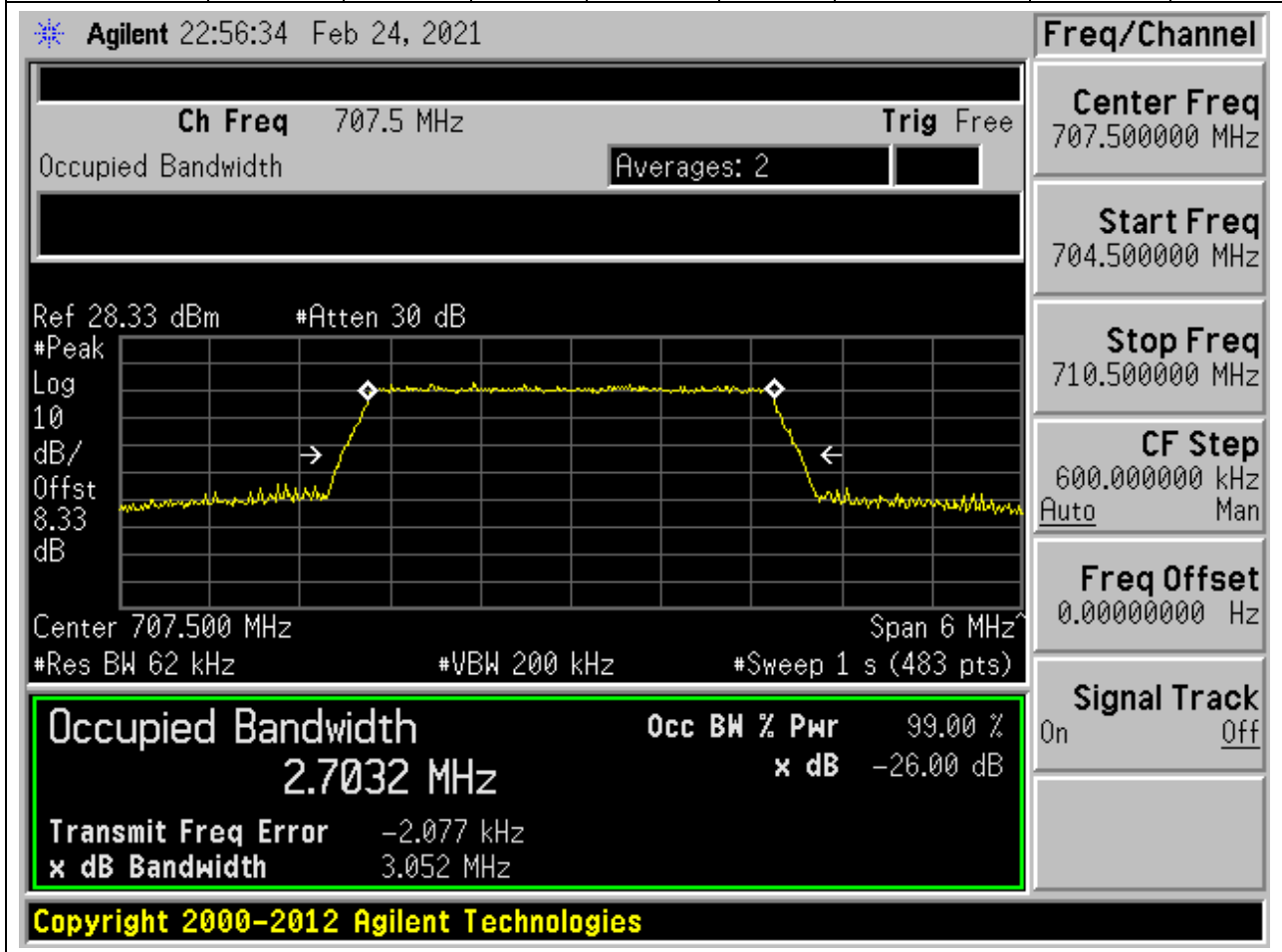
**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.062	Peak	2.7	3.05	3	Pass





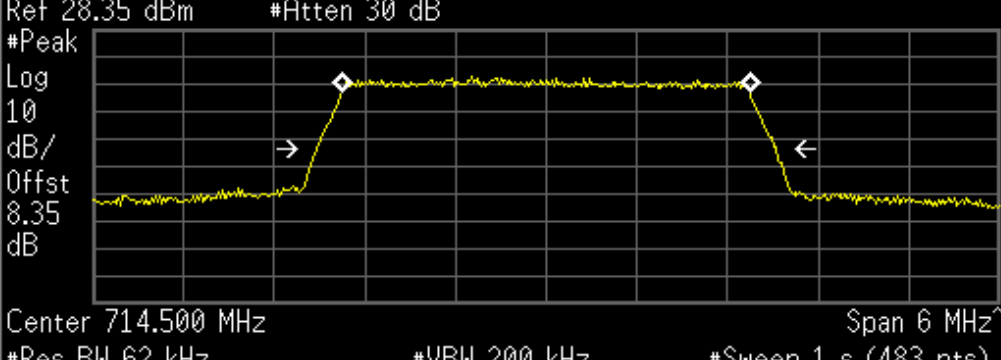
**12.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:23165, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.71	3.03	3	Pass

**Agilent** 22:56:47 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.35 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.35 dB

Center 714.500 MHz Span 6 MHz

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

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

**2.7072 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -4.616 kHz

**x dB Bandwidth** 3.034 MHz

**Freq/Channel**

**Center Freq** 714.500000 MHz

**Start Freq** 711.500000 MHz

**Stop Freq** 717.500000 MHz

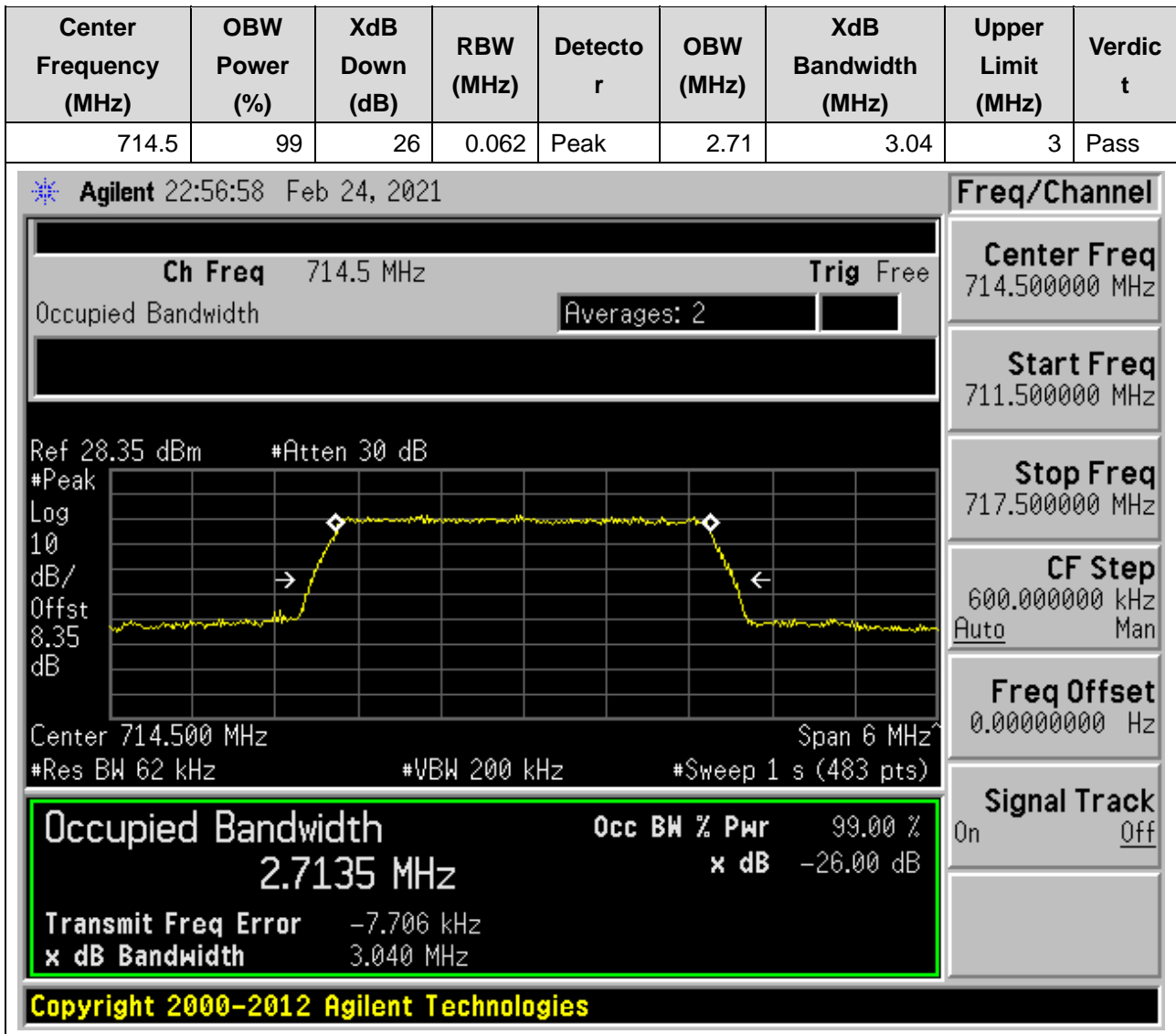
**CF Step** 600.000000 kHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

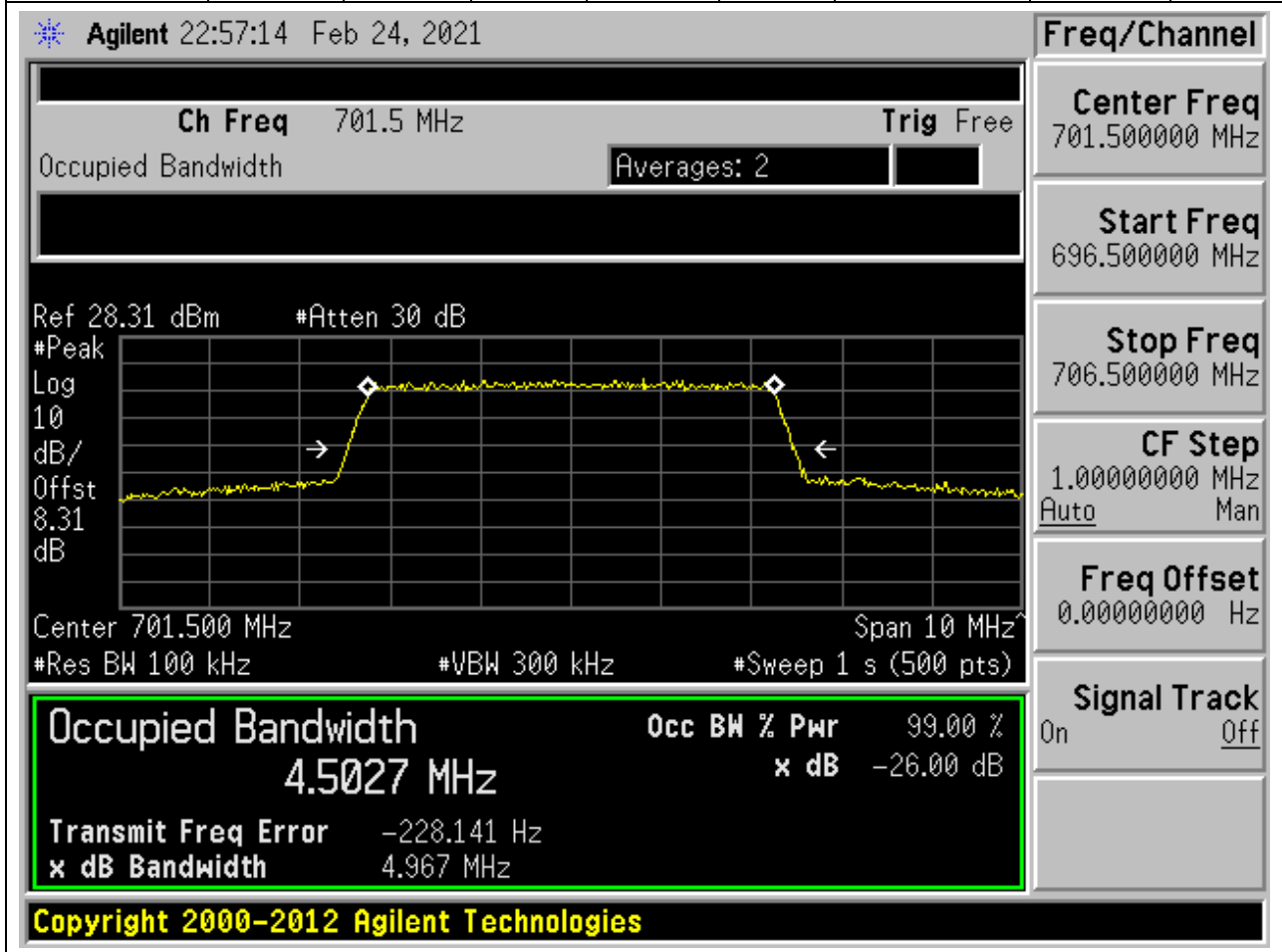
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**12.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:23165, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**



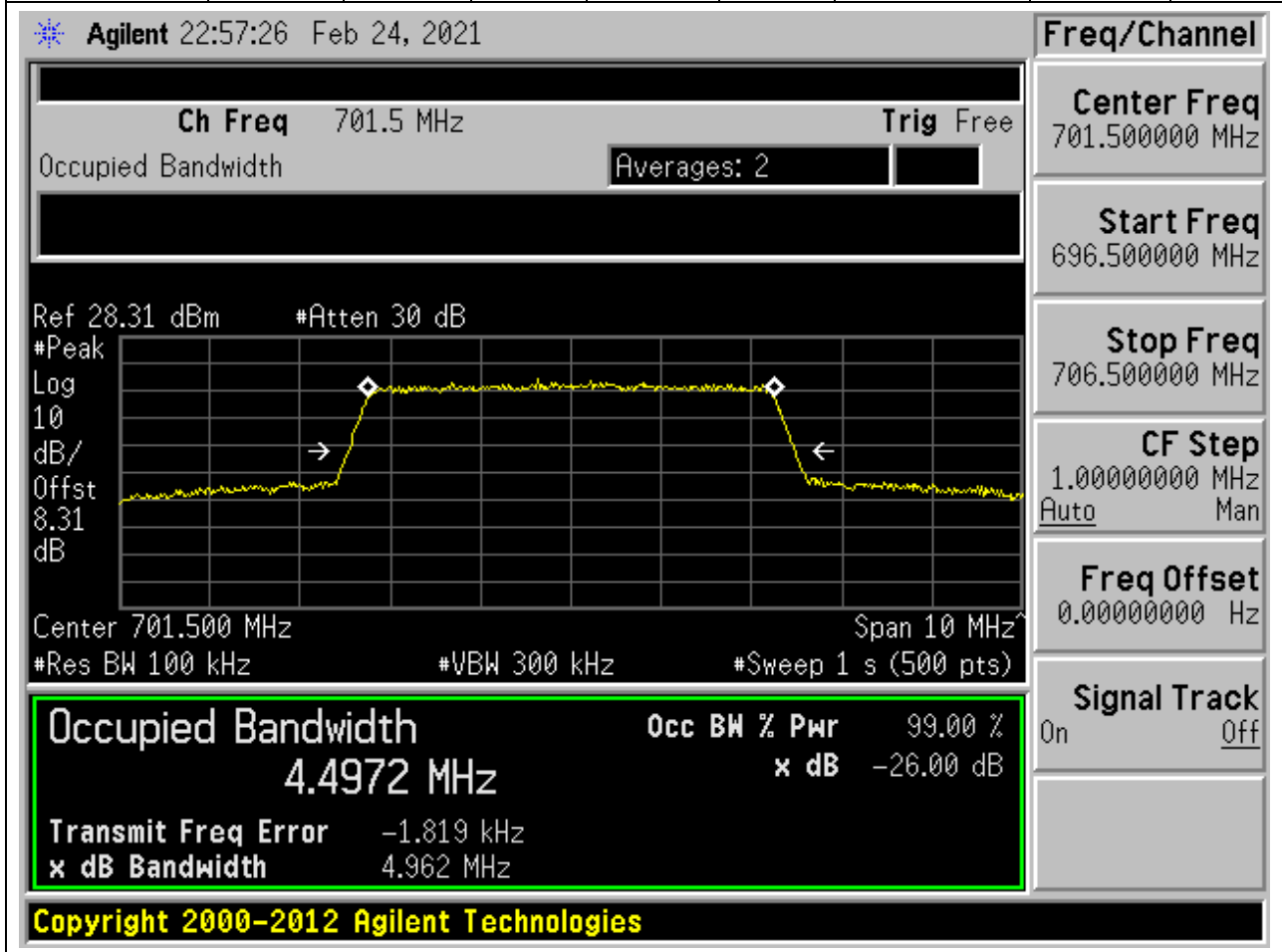
**12.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:23035, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
701.5	99	26	0.1	Peak	4.5	4.97	5	Pass



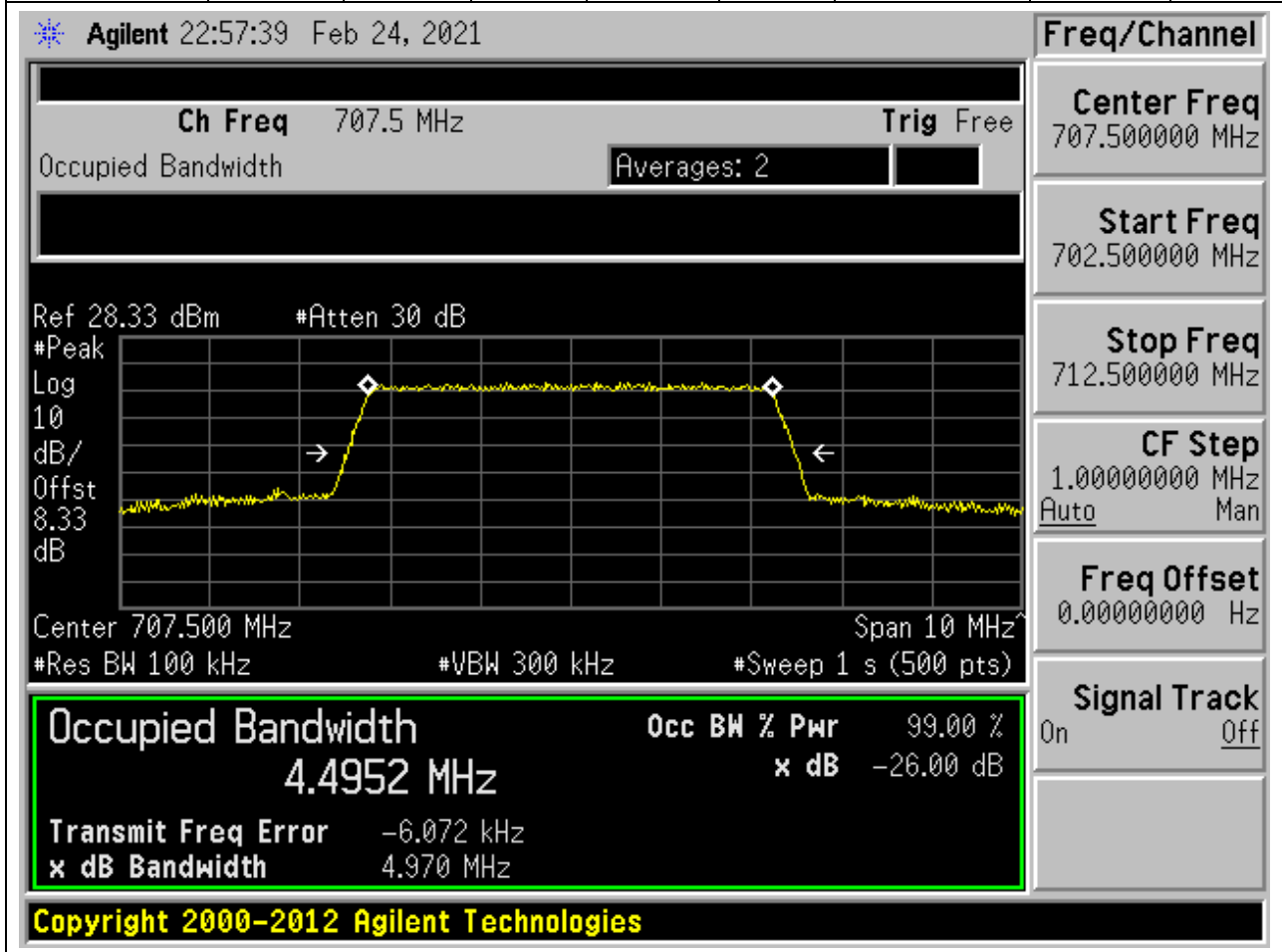
**12.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:23035, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.5	4.96	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.5	4.97	5	Pass



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

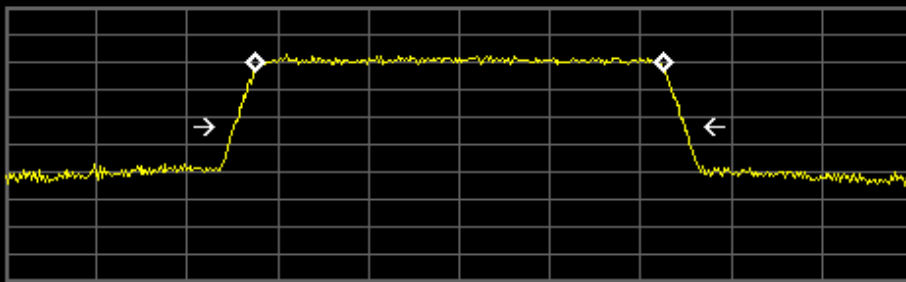
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.5	4.98	5	Pass

**Agilent** 22:57:49 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.33 dBm #Atten 30 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 %

**4.4994 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.244 kHz

**x dB Bandwidth** 4.979 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.49	4.93	5	Pass

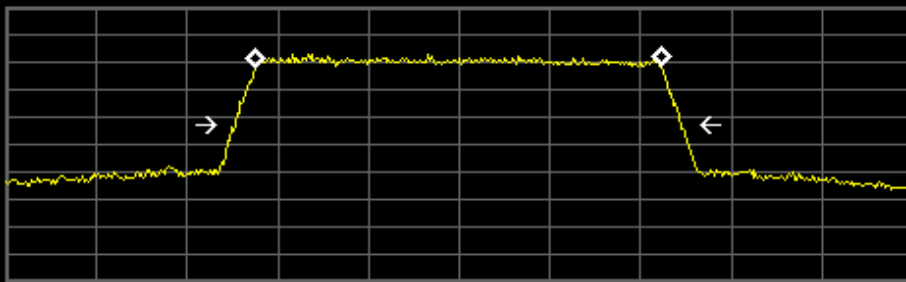
**Agilent** 22:58:03 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.35 dB



Center 713.500 MHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
713.500000 MHz

**Start Freq**  
708.500000 MHz

**Stop Freq**  
718.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.4917 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -7.967 kHz

**x dB Bandwidth** 4.934 MHz

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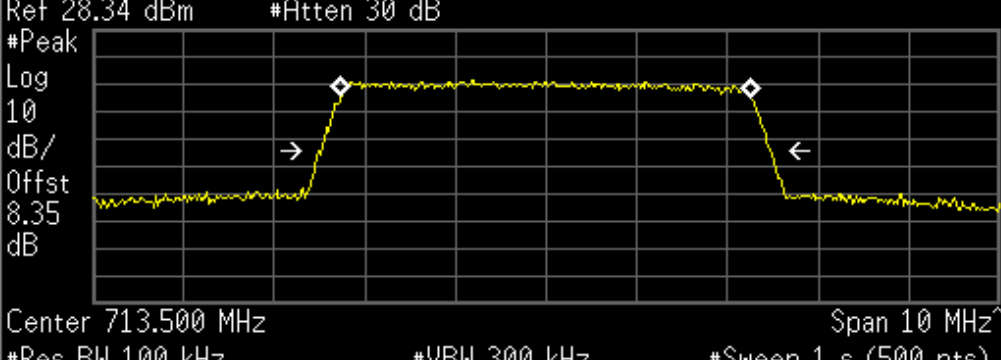
**12.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.51	4.97	5	Pass

**Agilent** 22:58:14 Feb 24, 2021

Ch Freq 713.5 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.35 dB

Center 713.500 MHz Span 10 MHz

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

**Freq/Channel**

Center Freq 713.500000 MHz

Start Freq 708.500000 MHz

Stop Freq 718.500000 MHz

CF Step 1.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

4.5085 MHz

x dB -26.00 dB

Transmit Freq Error -10.011 kHz

x dB Bandwidth 4.966 MHz

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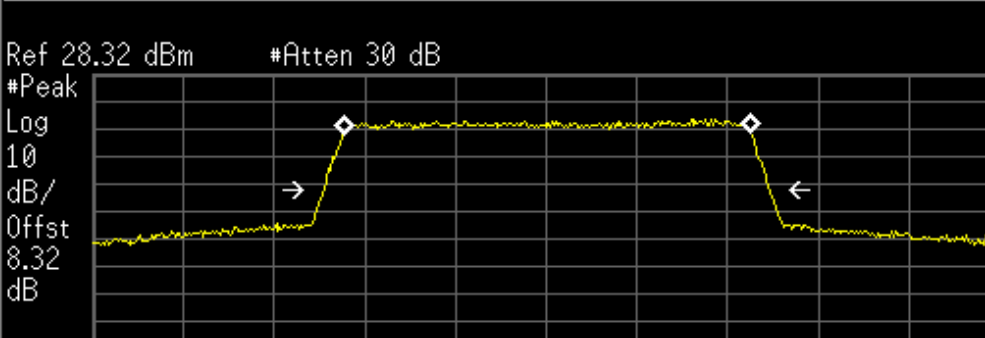
**12.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
704	99	26	0.2	Peak	8.98	9.87	10	Pass

**Agilent** 22:58:32 Feb 24, 2021

Ch Freq 704 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.32 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.32 dB

Center 704.00 MHz Span 20 MHz

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

**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

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

8.9837 MHz

x dB -26.00 dB

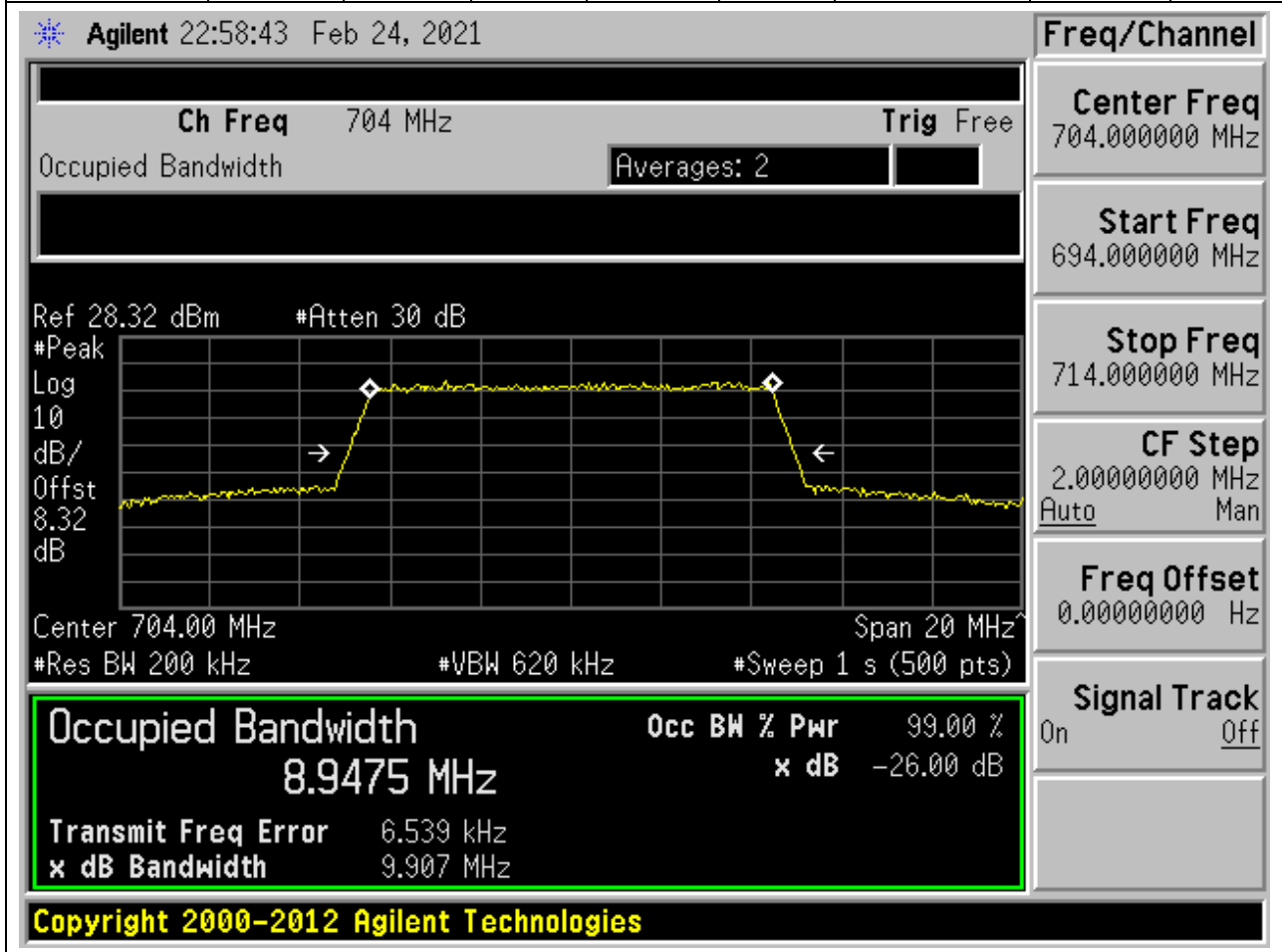
Transmit Freq Error 15.746 kHz

x dB Bandwidth 9.875 MHz

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**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	8.95	9.91	10	Pass



**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	8.96	9.86	10	Pass

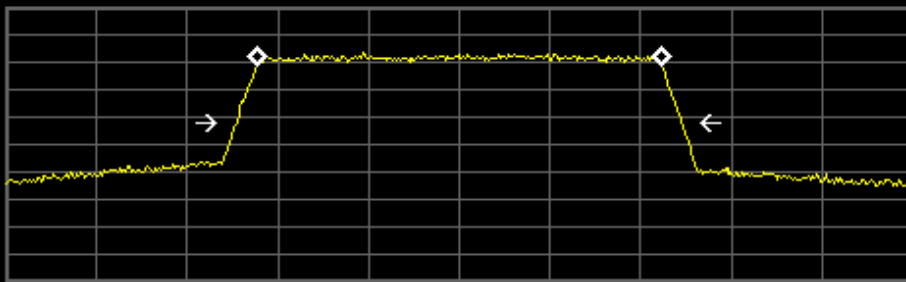
**Agilent** 22:58:56 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.33 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.33 dB



Center 707.50 MHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
707.500000 MHz

**Start Freq**  
697.500000 MHz

**Stop Freq**  
717.500000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

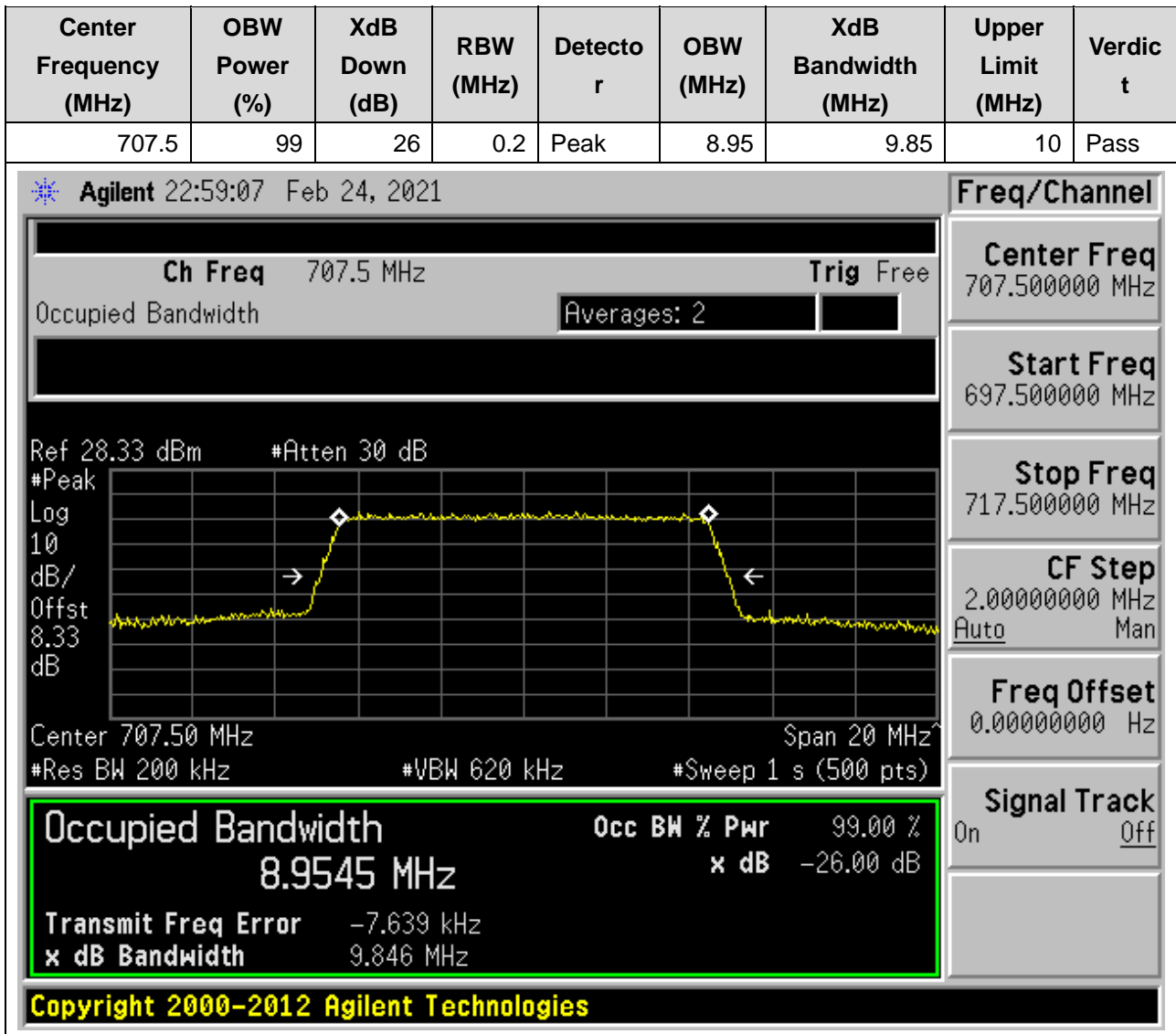
**8.9577 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.960 kHz

**x dB Bandwidth** 9.861 MHz

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



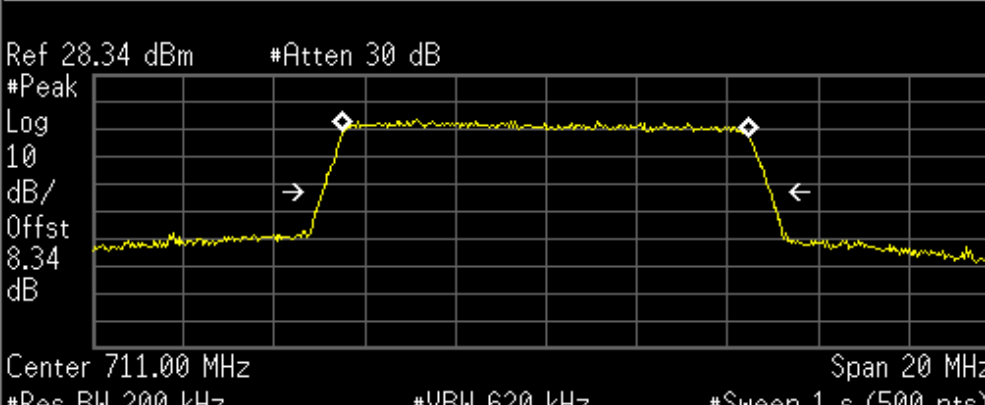
**12.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.97	9.9	10	Pass

**Agilent** 22:59:20 Feb 24, 2021

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.34 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 %

**8.9687 MHz** x dB -26.00 dB

Transmit Freq Error -19.858 kHz

x dB Bandwidth 9.897 MHz

**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

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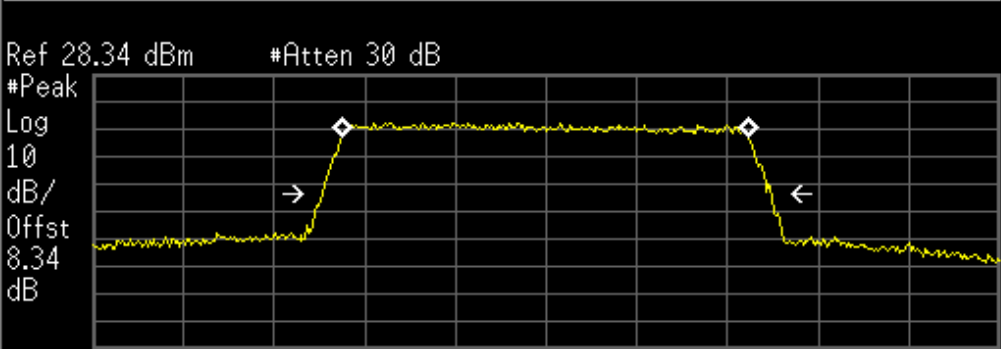
**12.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.96	9.92	10	Pass

**Agilent** 22:59:30 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.34 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 %

**8.9626 MHz** **x dB** -26.00 dB

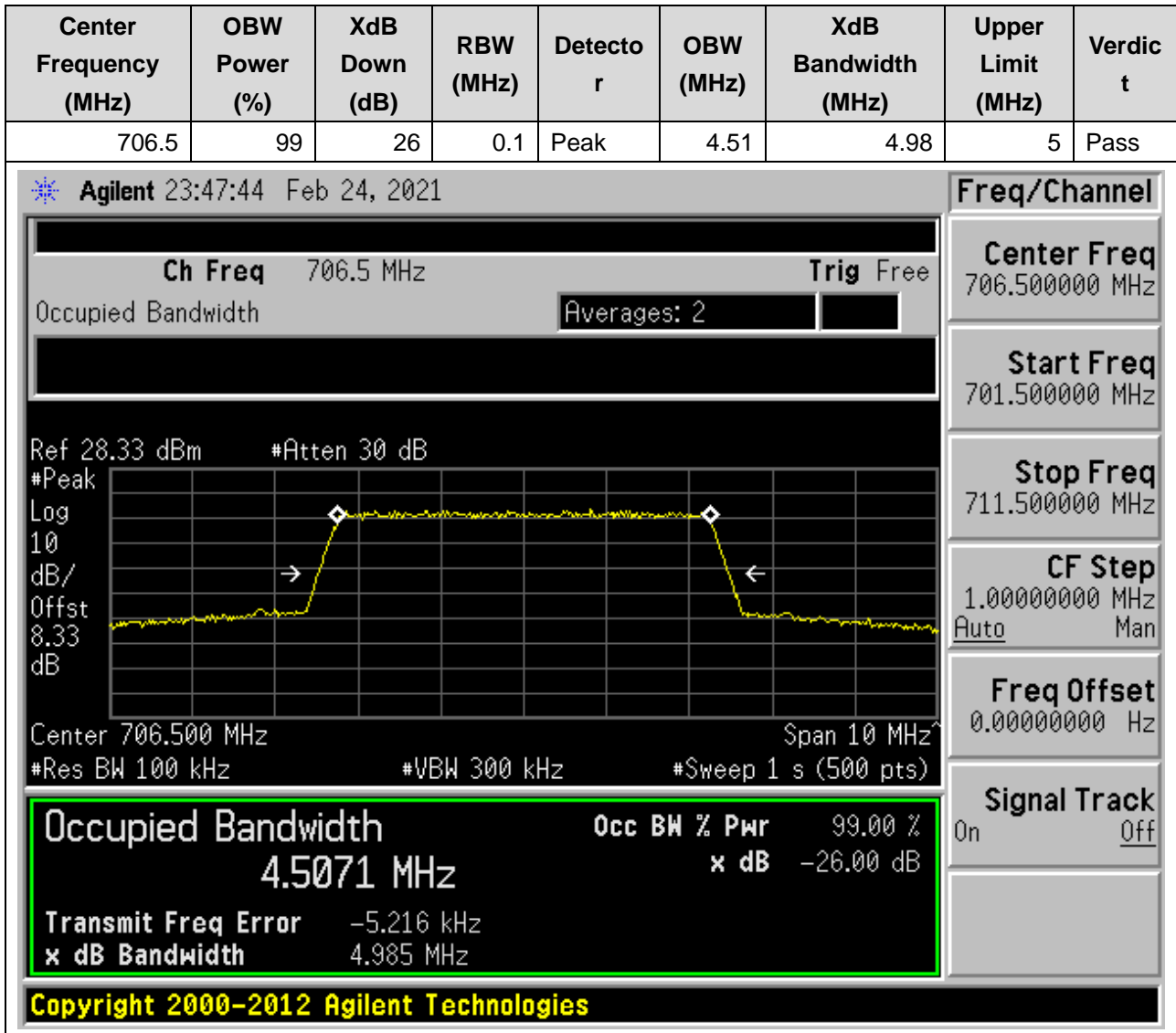
**Transmit Freq Error** -24.721 kHz

**x dB Bandwidth** 9.917 MHz

**Copyright 2000–2012 Agilent Technologies**

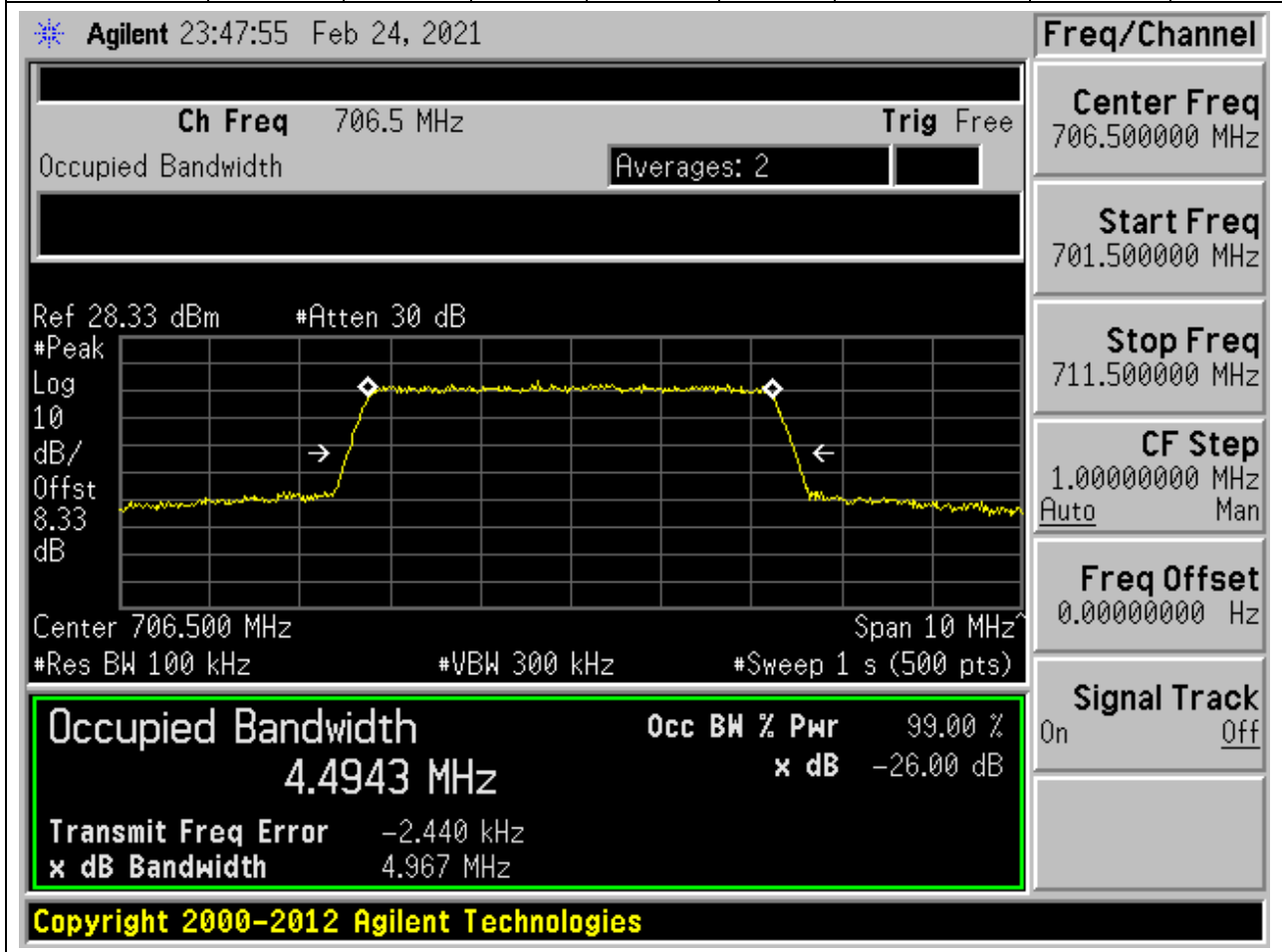
### 13. LTE\_Band17

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



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

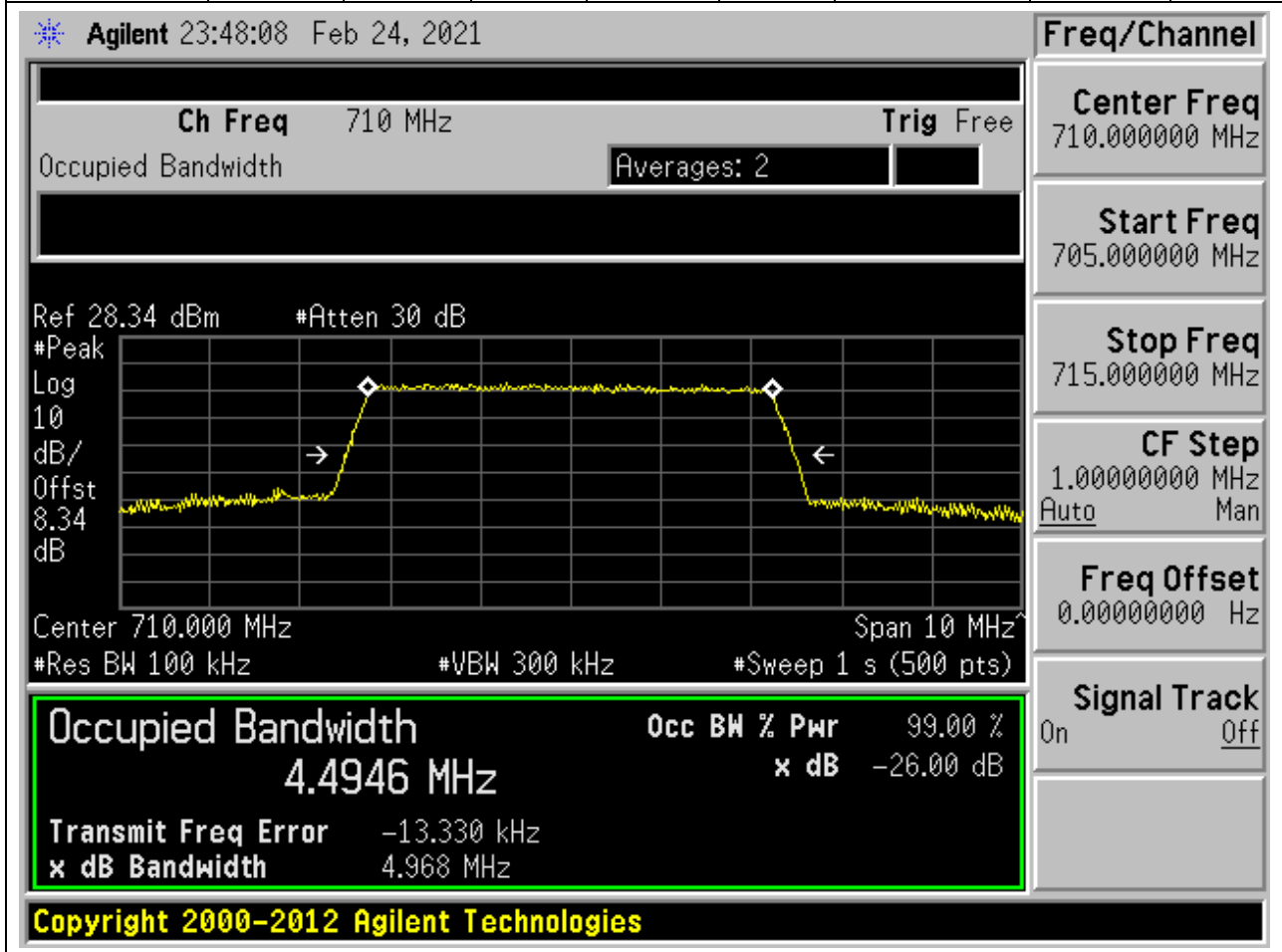
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
706.5	99	26	0.1	Peak	4.49	4.97	5	Pass





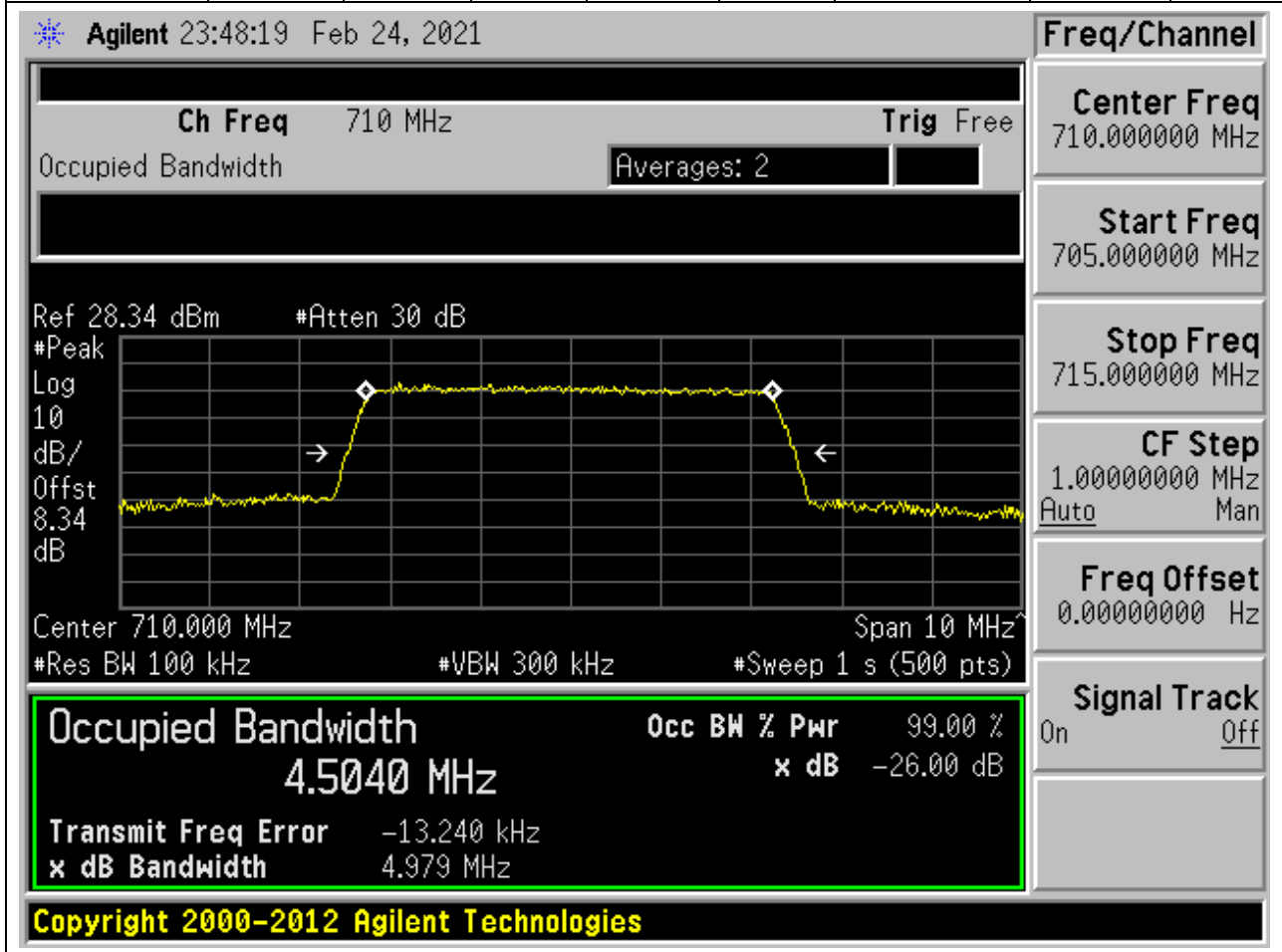
**13.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.49	4.97	5	Pass



**13.4. 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	4.5	4.98	5	Pass



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

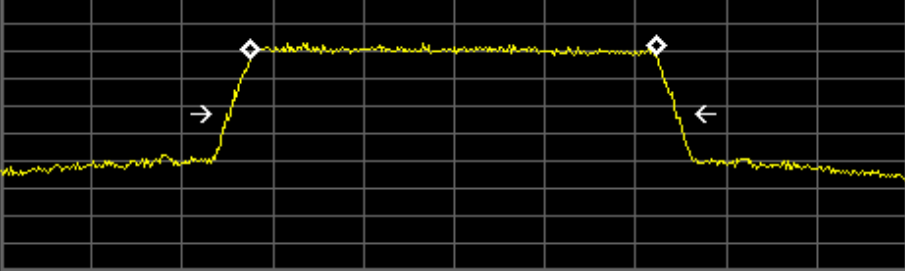
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.49	4.93	5	Pass

**Agilent** 23:48:32 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.34 dBm #Atten 30 dB



Center 713.500 MHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

**Freq/Channel**

**Center Freq**  
713.500000 MHz

**Start Freq**  
708.500000 MHz

**Stop Freq**  
718.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.4898 MHz** **x dB** -26.00 dB

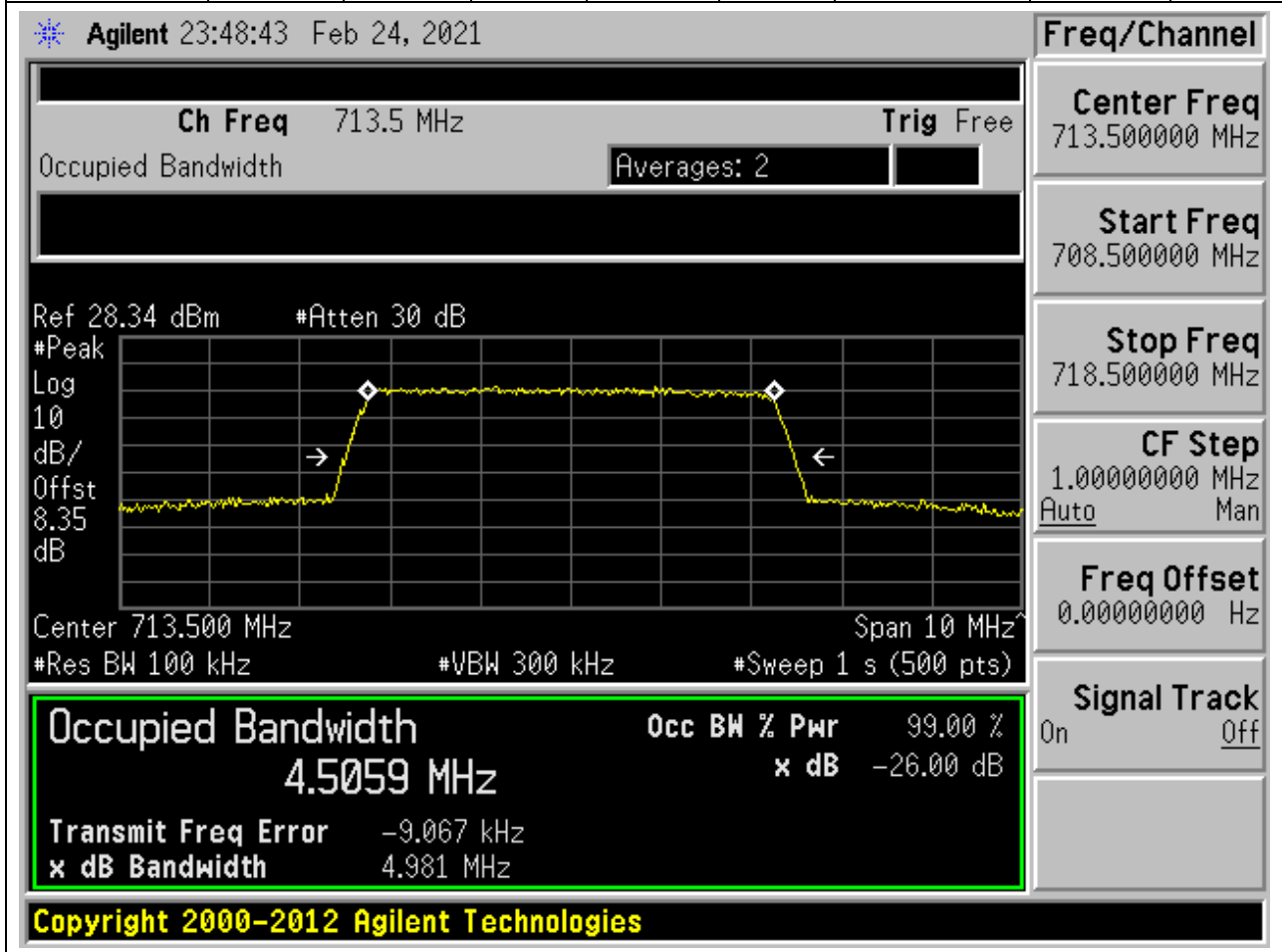
**Transmit Freq Error** -10.147 kHz

**x dB Bandwidth** 4.933 MHz

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**13.6. 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	4.51	4.98	5	Pass



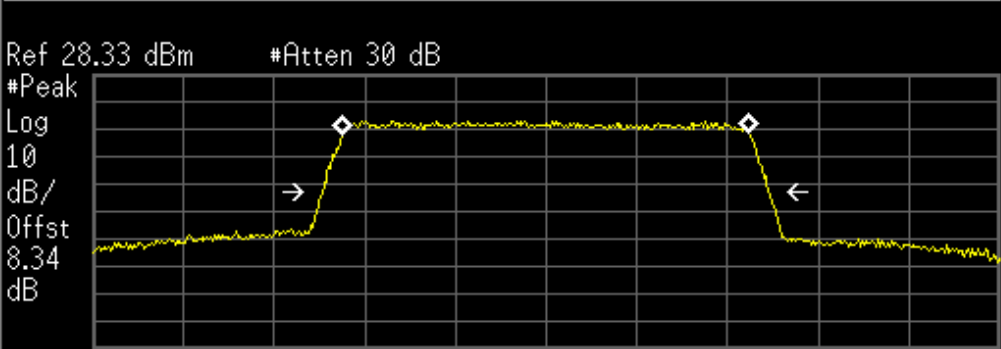
**13.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.98	9.87	10	Pass

**Agilent** 23:48:59 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.33 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.34 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 %

**8.9776 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -7.116 kHz

**x dB Bandwidth** 9.870 MHz

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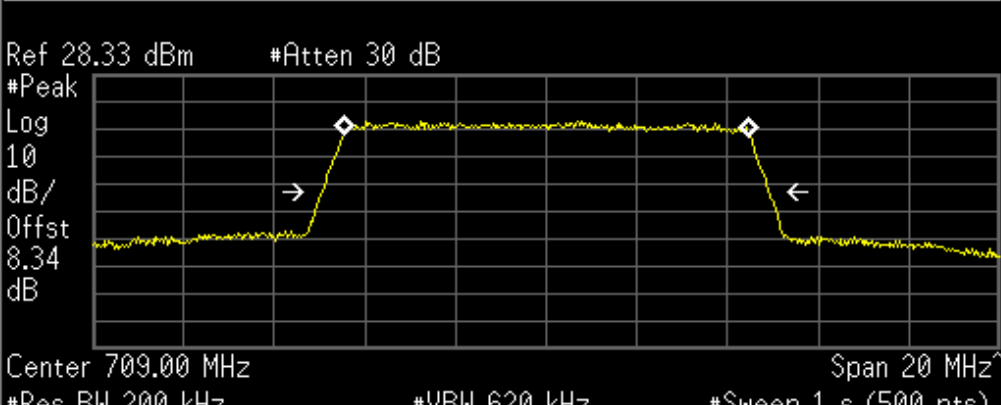
**13.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.96	9.89	10	Pass

**Agilent** 23:49:10 Feb 24, 2021

Ch Freq 709 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.33 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.34 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 %

**8.9639 MHz** x dB -26.00 dB

Transmit Freq Error -6.916 kHz

x dB Bandwidth 9.885 MHz

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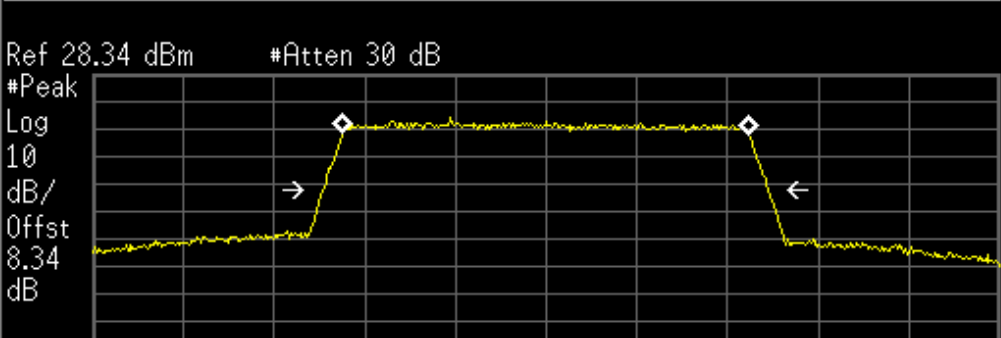
**13.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.96	9.85	10	Pass

**Agilent** 23:49:24 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.34 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 %

**8.9622 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -15.480 kHz

**x dB Bandwidth** 9.849 MHz

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

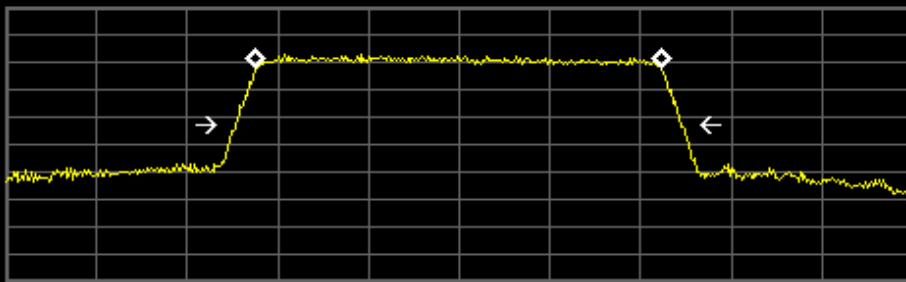
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.2	Peak	8.96	9.85	10	Pass

**Agilent** 23:49:34 Feb 24, 2021

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.34 dBm #Atten 30 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 %

8.9566 MHz

x dB -26.00 dB

Transmit Freq Error -11.702 kHz

x dB Bandwidth 9.848 MHz

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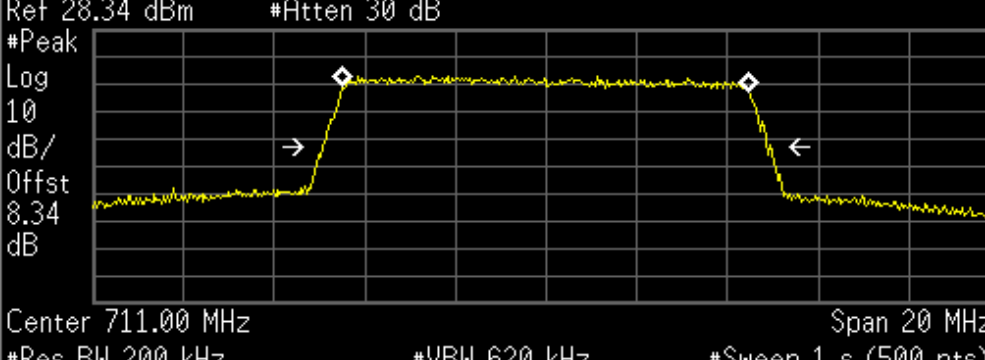
**13.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.96	9.92	10	Pass

**Agilent** 23:49:47 Feb 24, 2021

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.34 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 %

**8.9649 MHz** x dB -26.00 dB

Transmit Freq Error -23.187 kHz

x dB Bandwidth 9.922 MHz

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

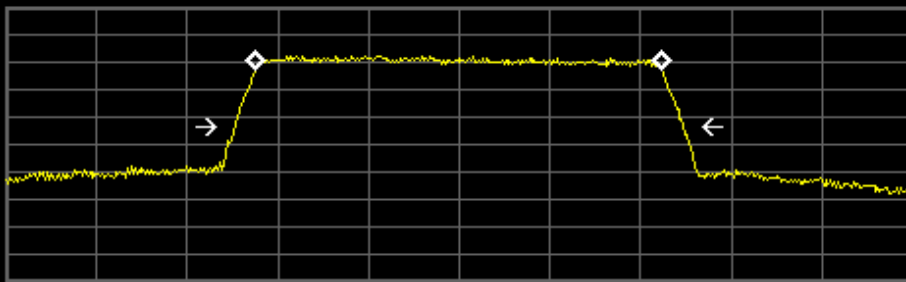
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.95	9.91	10	Pass

**Agilent** 23:49:58 Feb 24, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.34 dBm #Atten 30 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 %

**8.9538 MHz** **x dB** -26.00 dB

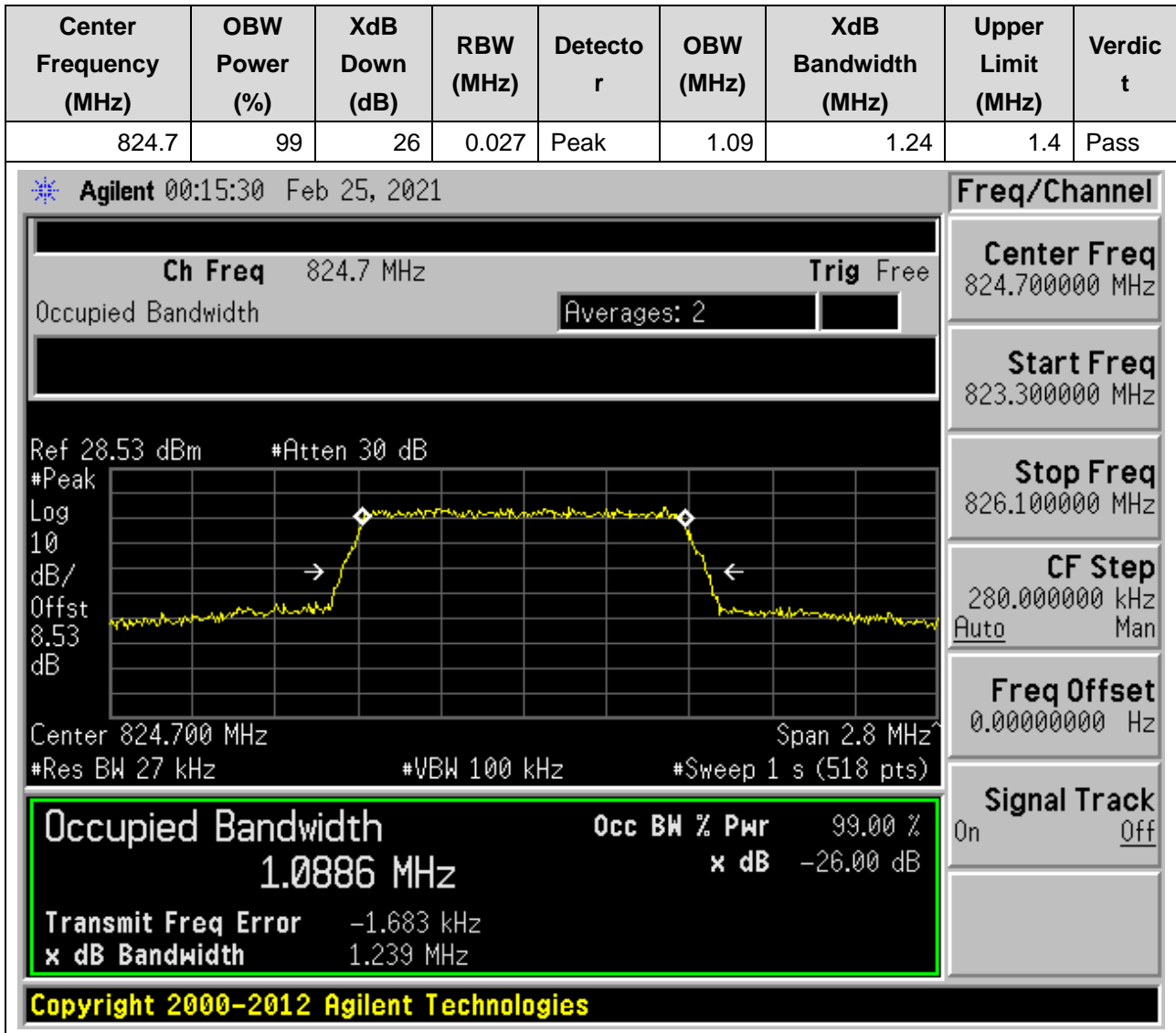
**Transmit Freq Error** -21.152 kHz

**x dB Bandwidth** 9.911 MHz

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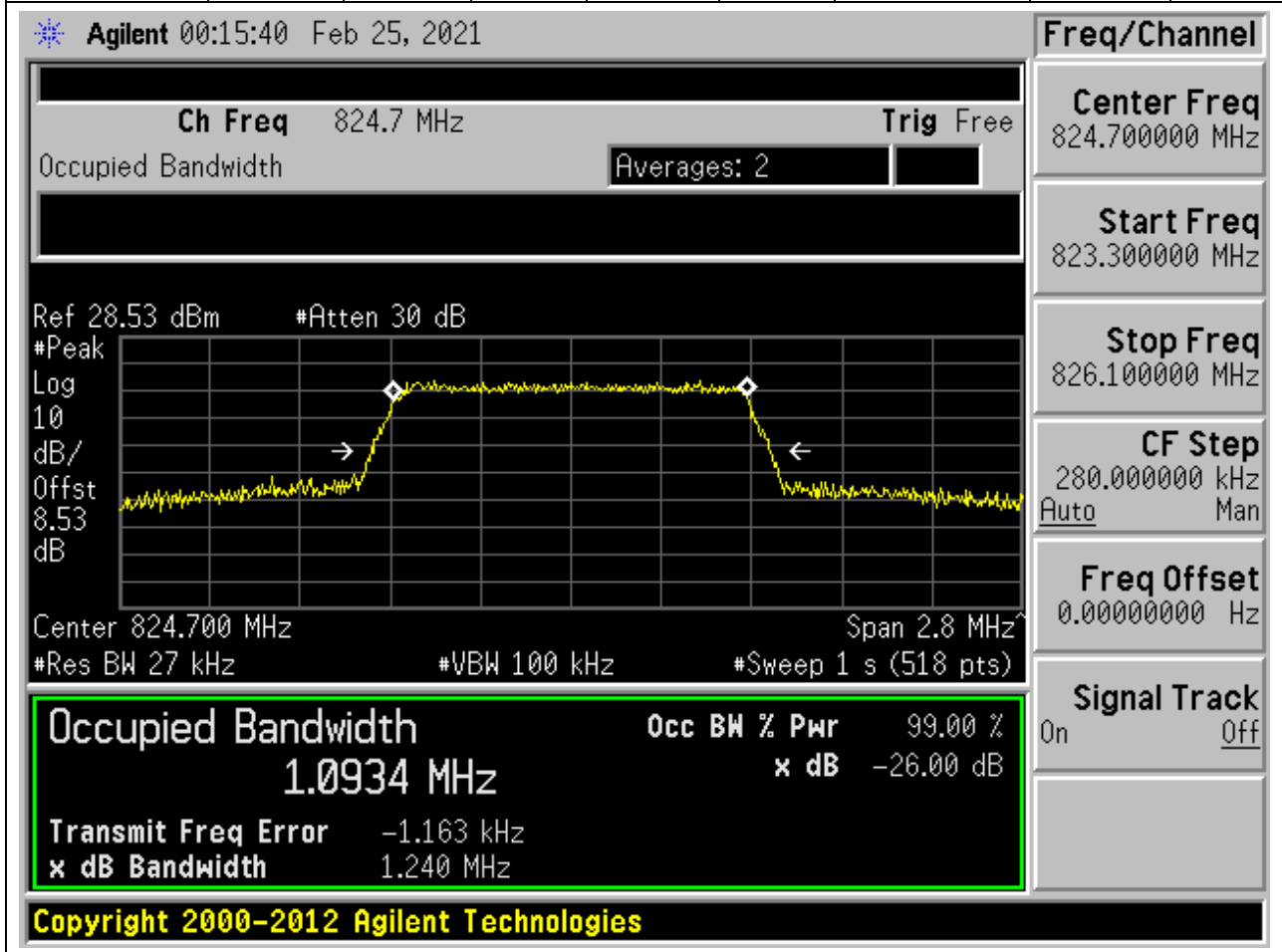
## 14. LTE\_Band26(part22)

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



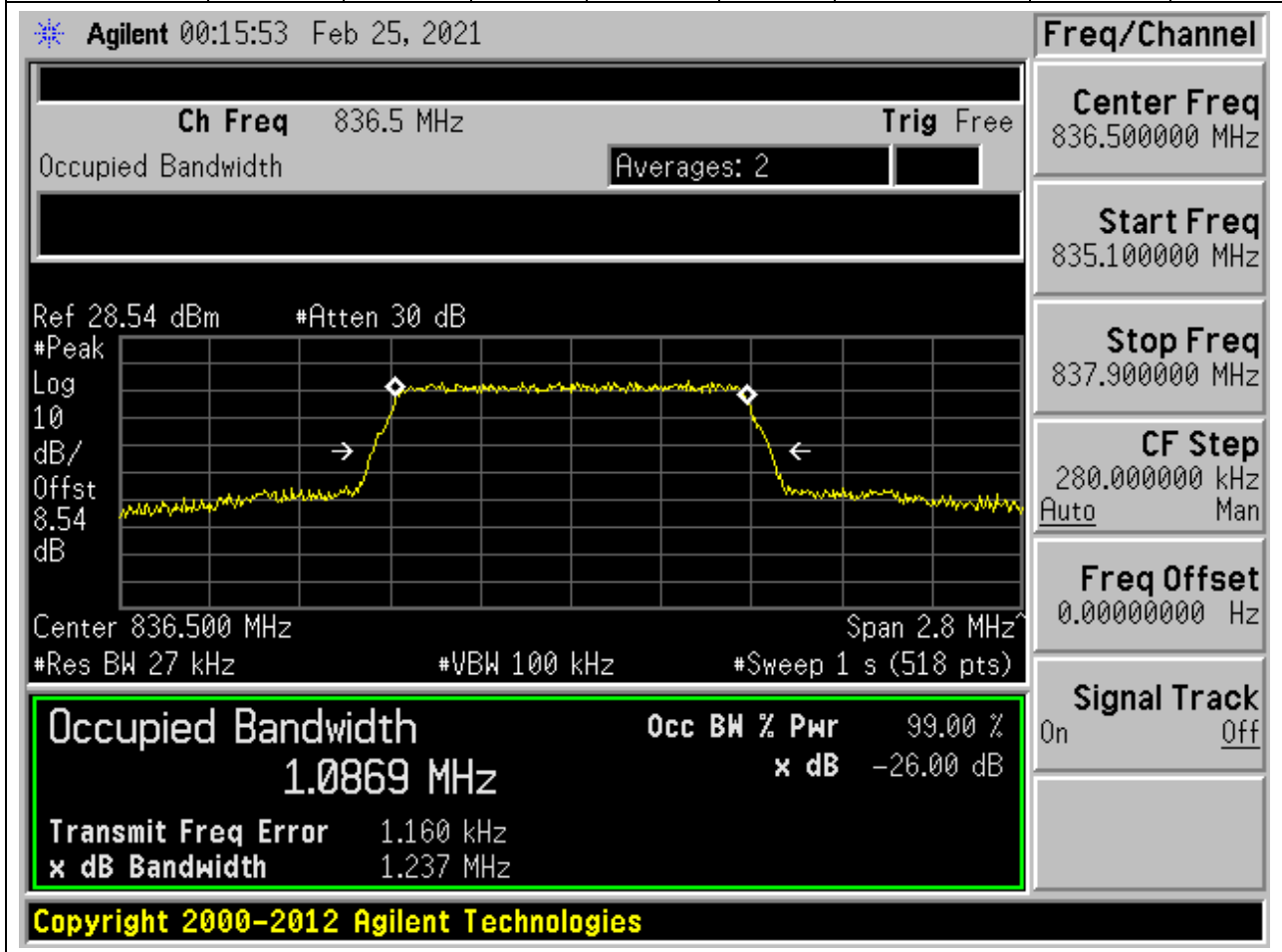
**14.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:26797, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.09	1.24	1.4	Pass



**14.3. 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	1.09	1.24	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.1	1.24	1.4	Pass

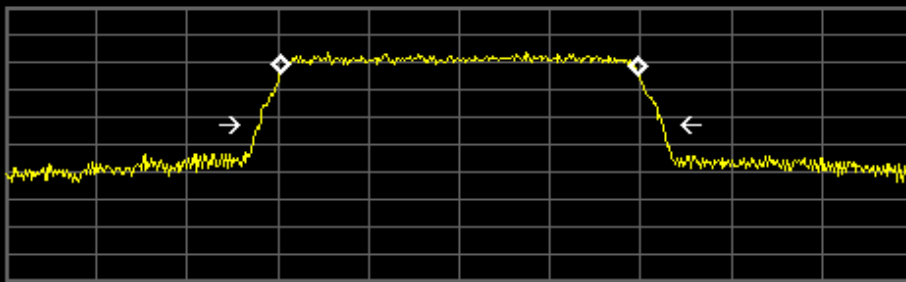
**Agilent** 00:16:04 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**1.0993 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 828.680 Hz

**x dB Bandwidth** 1.243 MHz

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

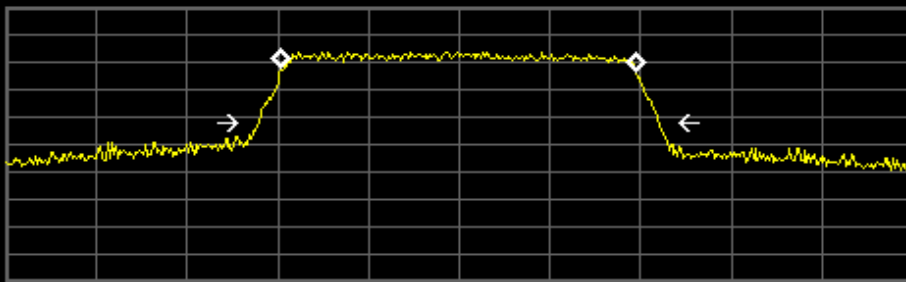
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 00:16:18 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.56 dBm #Atten 30 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 %

**1.0905 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.602 kHz

**x dB Bandwidth** 1.241 MHz

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

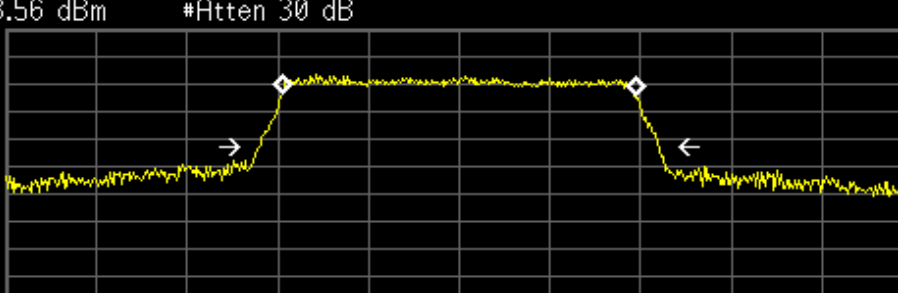
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 00:16:28 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.56 dBm #Atten 30 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 %

**1.0880 MHz** **x dB** -26.00 dB

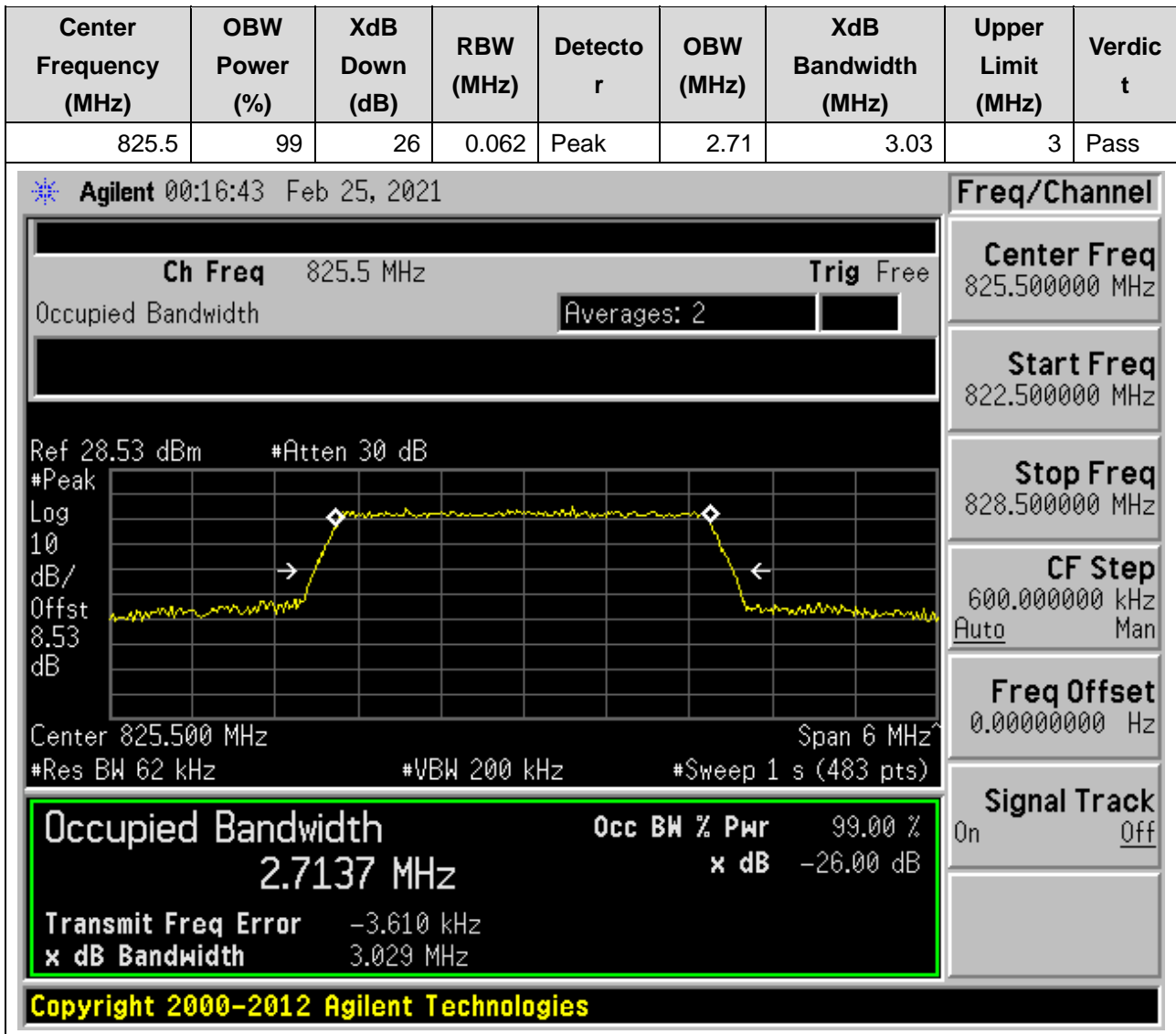
**Transmit Freq Error** -2.650 kHz

**x dB Bandwidth** 1.239 MHz

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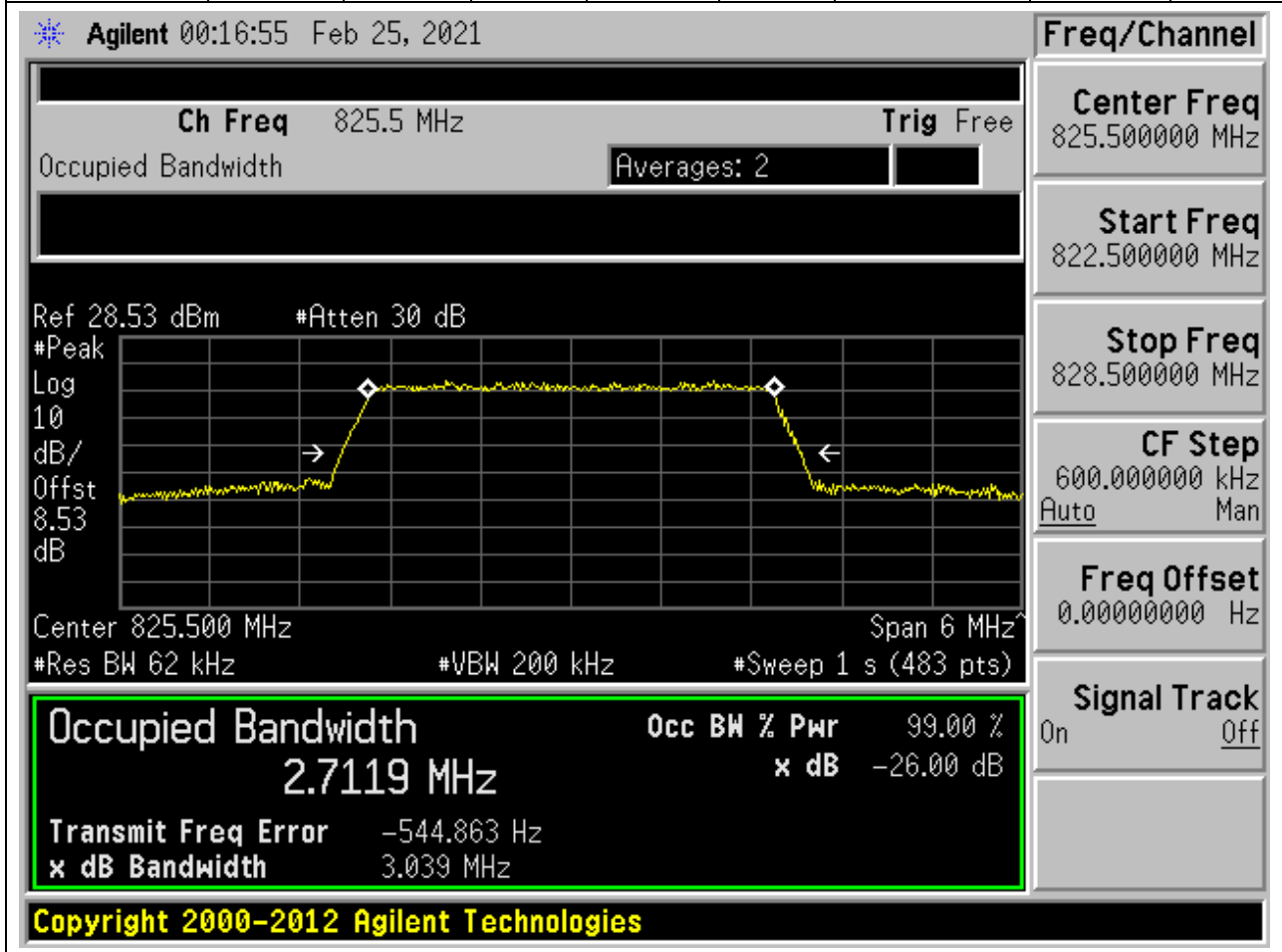


**14.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:26805, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**



**14.8. 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	2.71	3.04	3	Pass



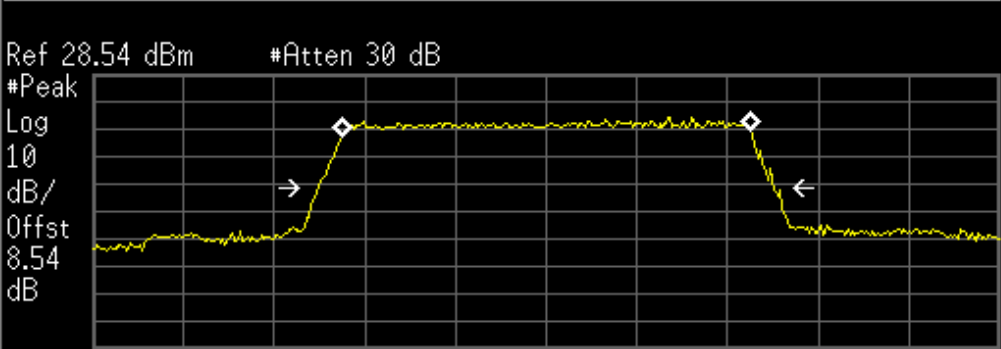
**14.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:26915, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

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	2.71	3.02	3	Pass

**Agilent** 00:17:08 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**2.7137 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.649 kHz

**x dB Bandwidth** 3.018 MHz

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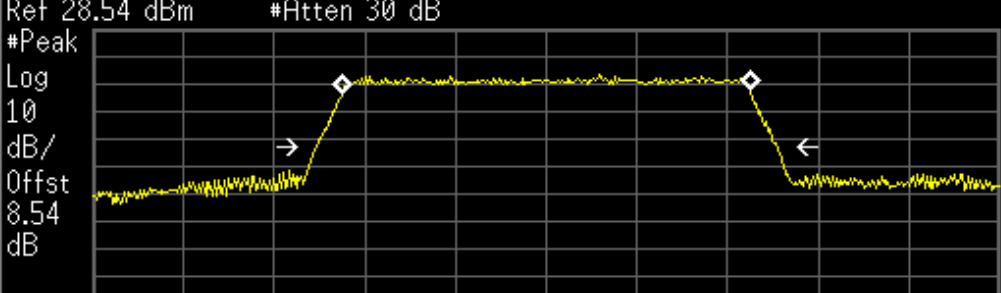
**14.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:26915, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.7	3.04	3	Pass

**Agilent** 00:17:19 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**2.7034 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -487.396 Hz

**x dB Bandwidth** 3.036 MHz

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14.11. 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	2.71	3.03	3	Pass

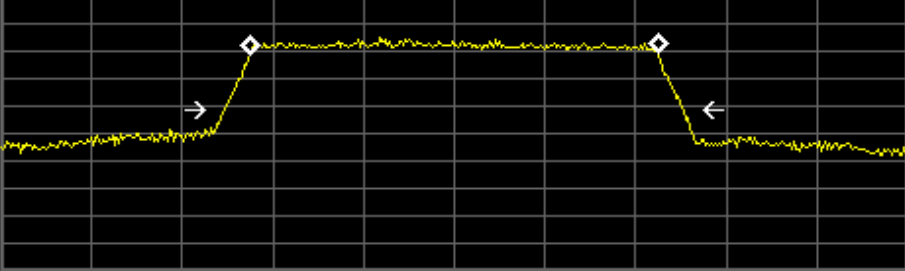
Agilent 00:17:32 Feb 25, 2021

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.56 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.56 dB



Center 847.500 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>2.7095 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-5.141 kHz
<b>x dB Bandwidth</b>		3.031 MHz

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**Freq/Channel**

Center Freq 847.500000 MHz

Start Freq 844.500000 MHz

Stop Freq 850.500000 MHz

CF Step 600.000000 kHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

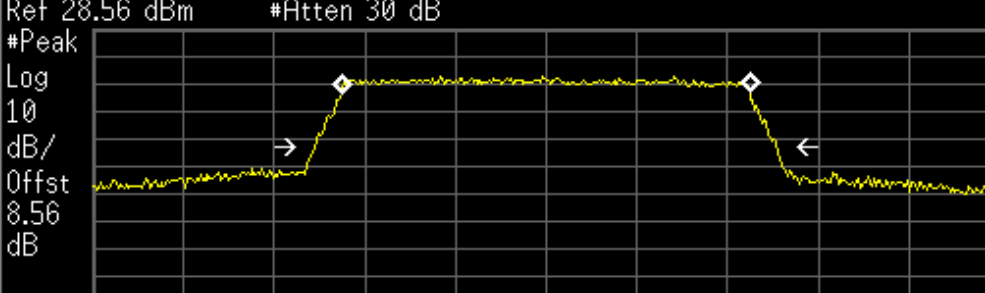
**14.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:27025, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.7	3.05	3	Pass

Agilent 00:17:43 Feb 25, 2021

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.56 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.56 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 %

**2.7046 MHz** x dB -26.00 dB

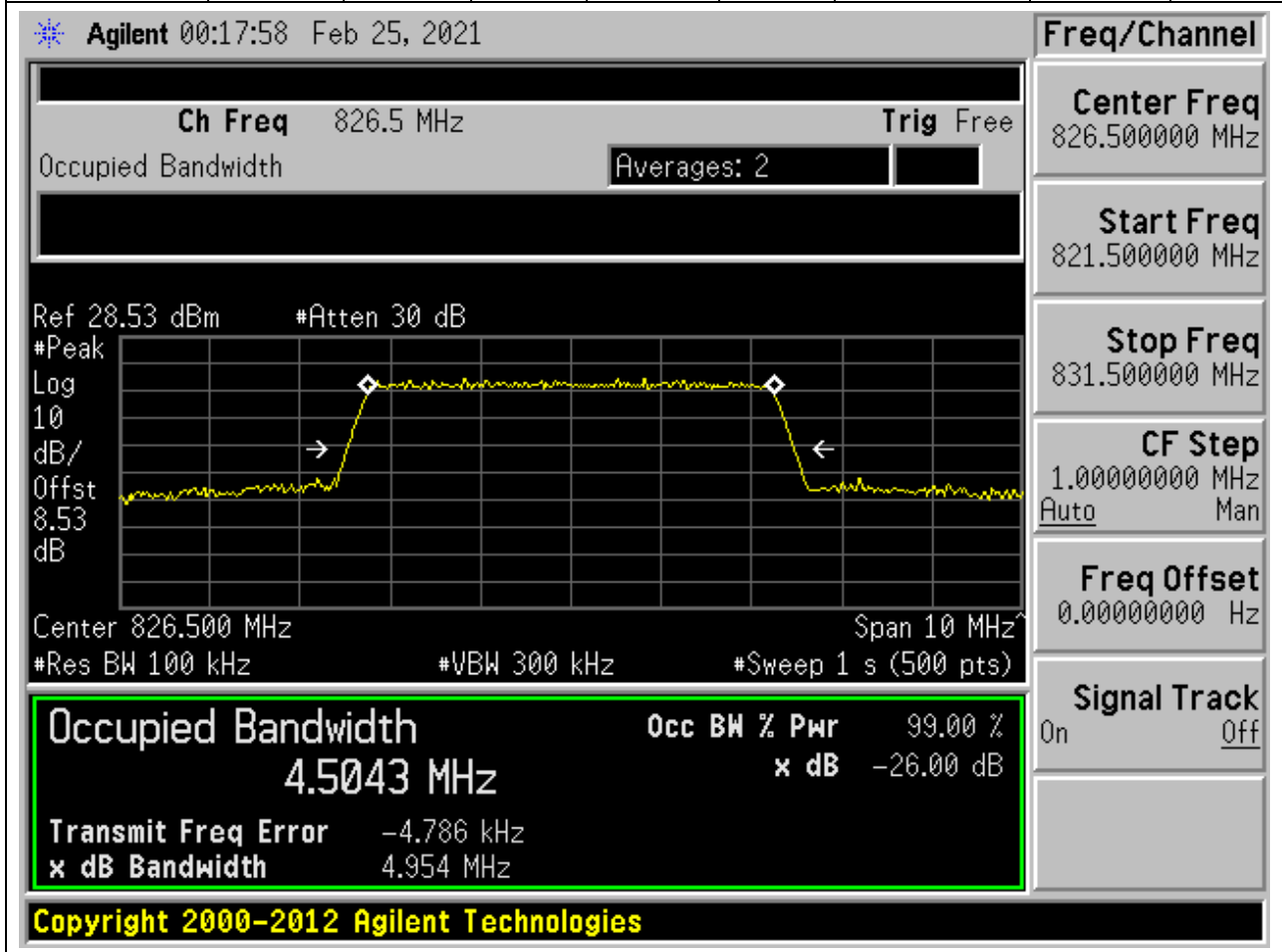
Transmit Freq Error -7.491 kHz

x dB Bandwidth 3.051 MHz

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**14.13. 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	4.5	4.95	5	Pass



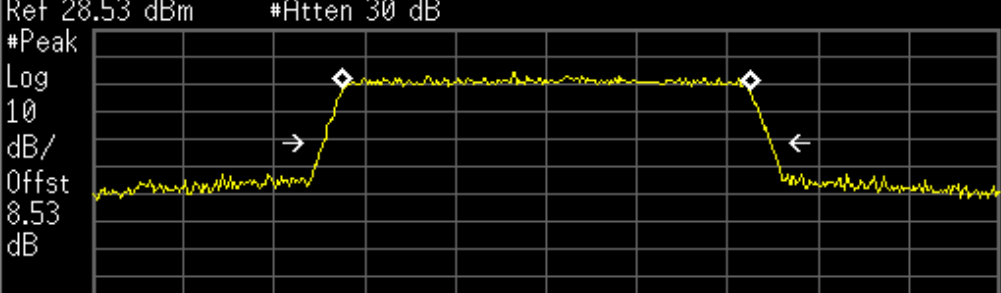
**14.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:26815, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.5	4.95	5	Pass

**Agilent** 00:18:08 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**4.4978 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.725 kHz

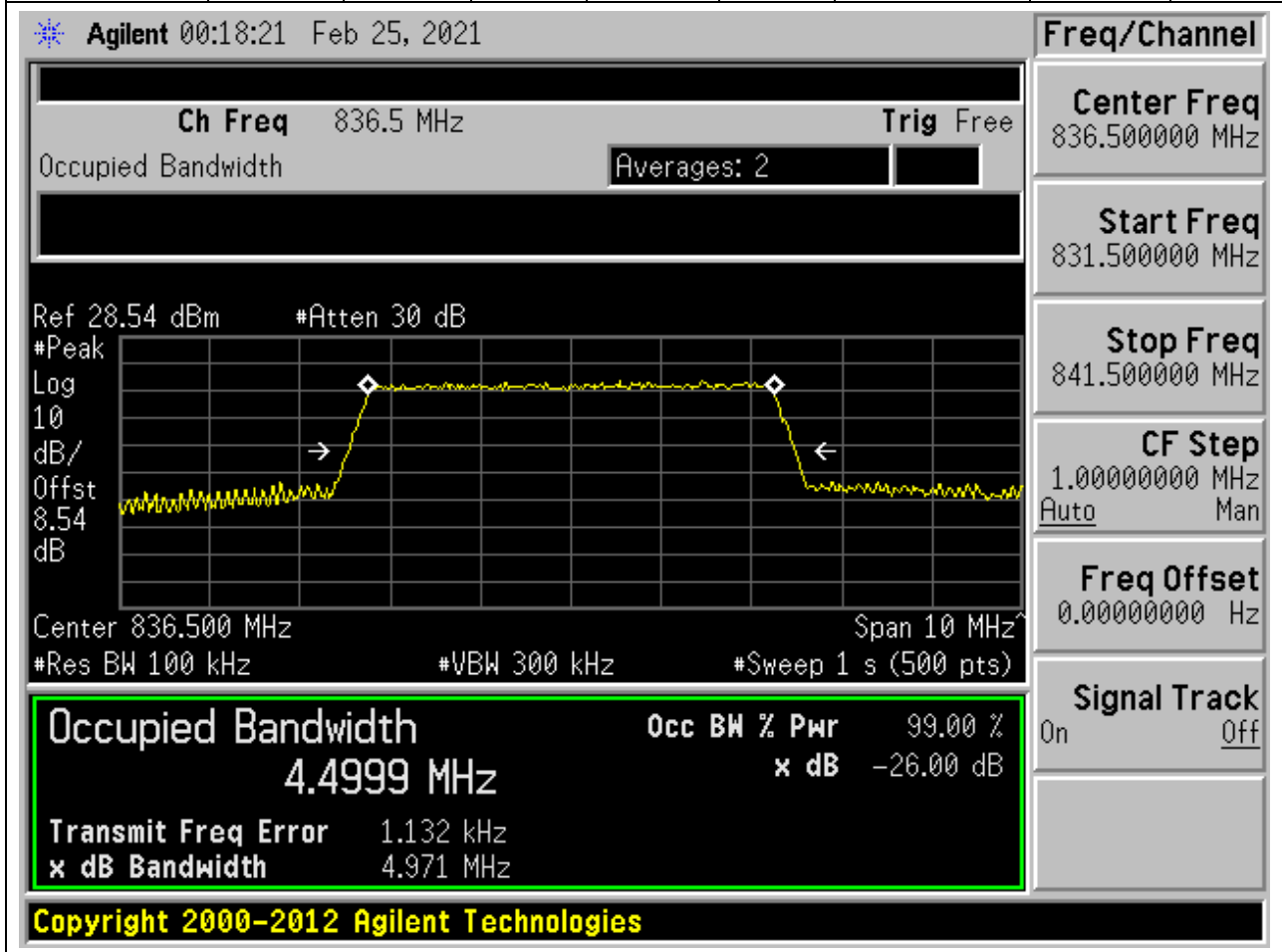
**x dB Bandwidth** 4.947 MHz

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**14.15. 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	4.5	4.97	5	Pass



14.16. 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	4.52	4.99	5	Pass

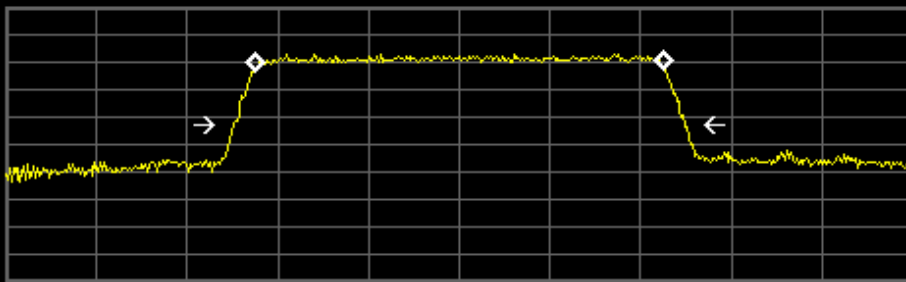
Agilent 00:18:33 Feb 25, 2021

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %
<b>4.5175 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.405 kHz	
<b>x dB Bandwidth</b>	4.994 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

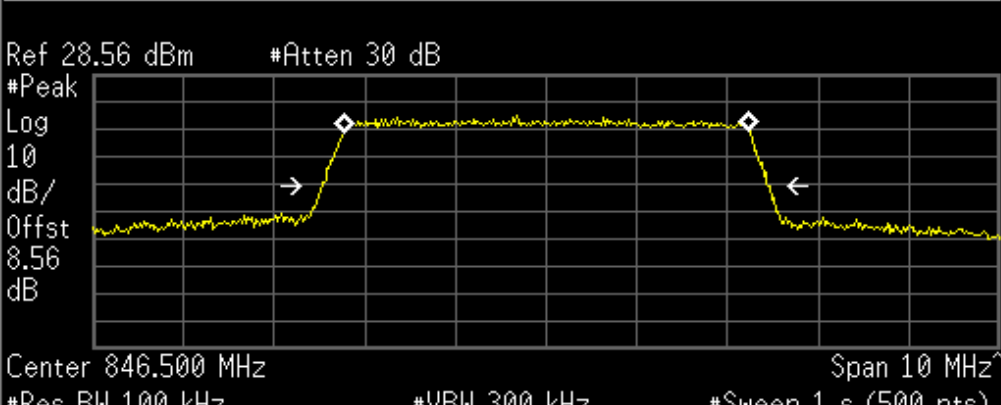
14.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:27015, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.48	4.94	5	Pass

**Agilent** 00:18:46 Feb 25, 2021

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.56 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 8.56 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 %

4.4840 MHz

x dB -26.00 dB

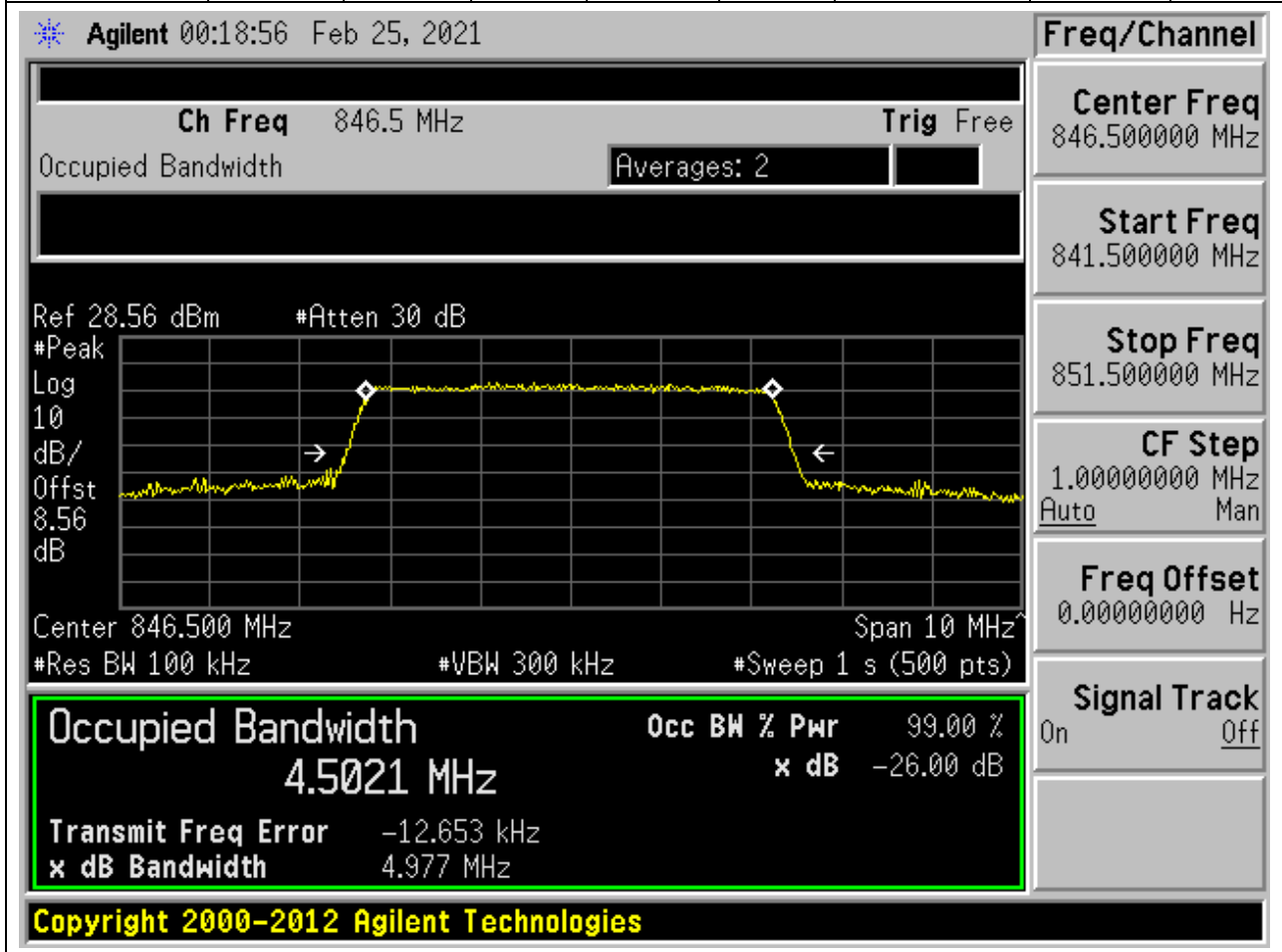
Transmit Freq Error -1.514 kHz

x dB Bandwidth 4.938 MHz

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**14.18. 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	4.5	4.98	5	Pass



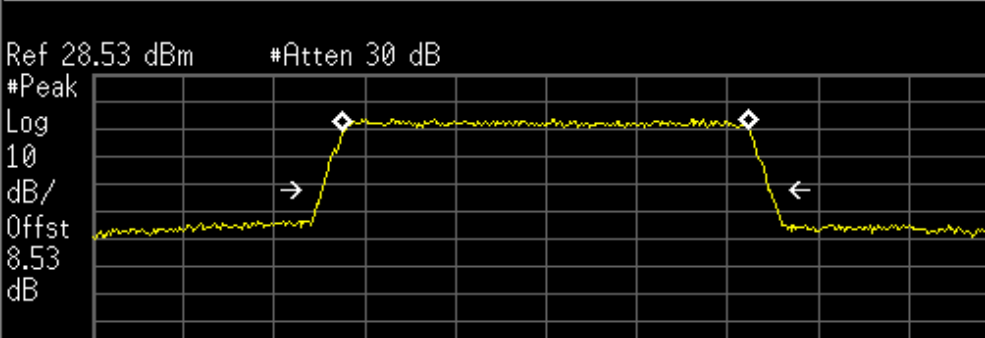
**14.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:26840, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.99	9.89	10	Pass

Agilent 00:19:12 Feb 25, 2021

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

Occupied Bandwidth Averages: 2



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**8.9884 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.342 kHz

**x dB Bandwidth** 9.885 MHz

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

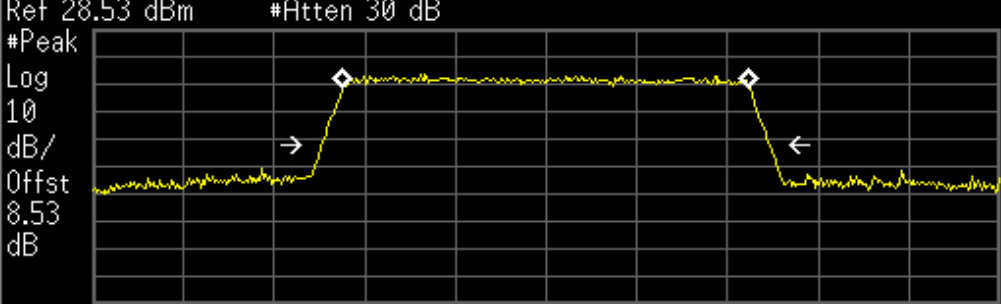
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.98	9.92	10	Pass

**Agilent** 00:19:23 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 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 %

**8.9820 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -5.703 kHz

**x dB Bandwidth** 9.917 MHz

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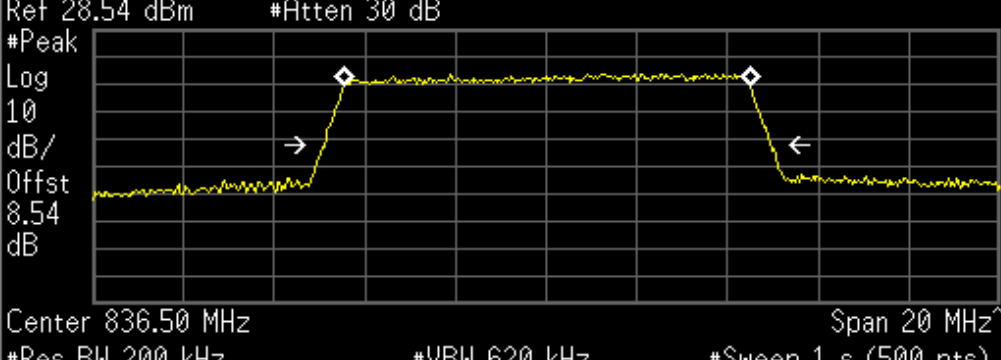
14.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:26915, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.97	9.86	10	Pass

Agilent 00:19:36 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 dB

Center 836.50 MHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9705 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	9.669 kHz	
<b>x dB Bandwidth</b>	9.855 MHz	

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**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

**14.22. 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	8.97	9.93	10	Pass

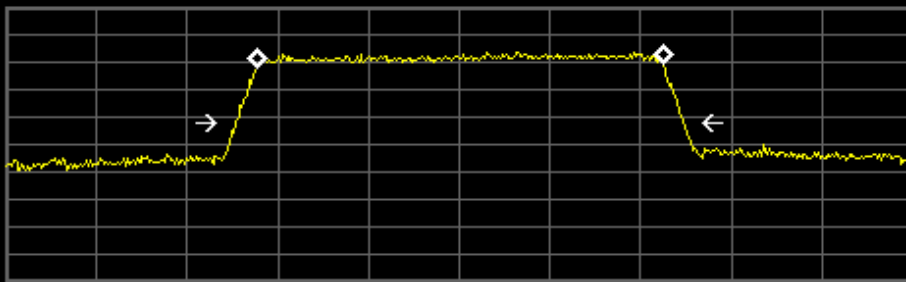
**Agilent** 00:19:47 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 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 %

**8.9694 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 15.939 kHz

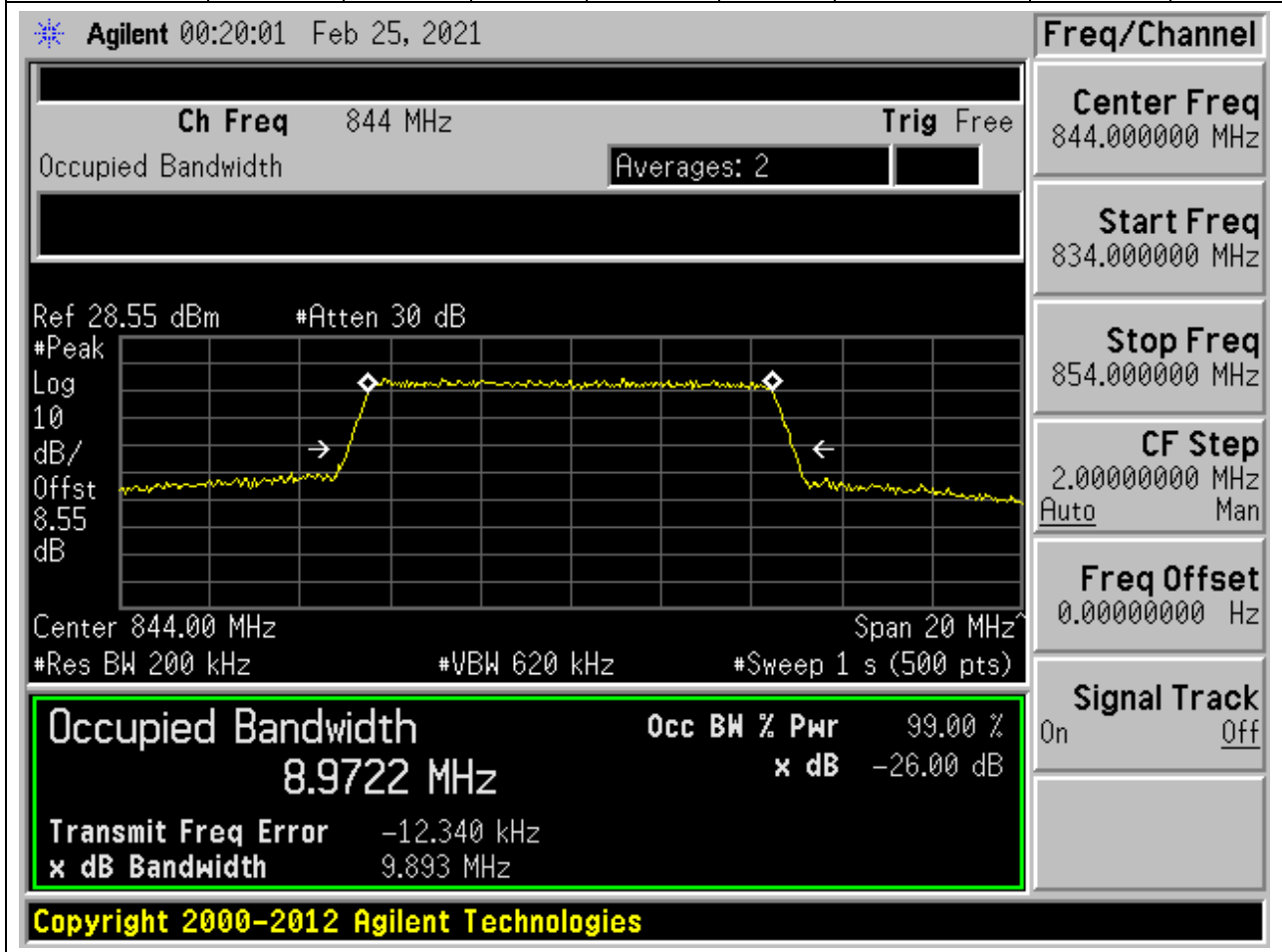
**x dB Bandwidth** 9.933 MHz

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14.23. 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	8.97	9.89	10	Pass



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

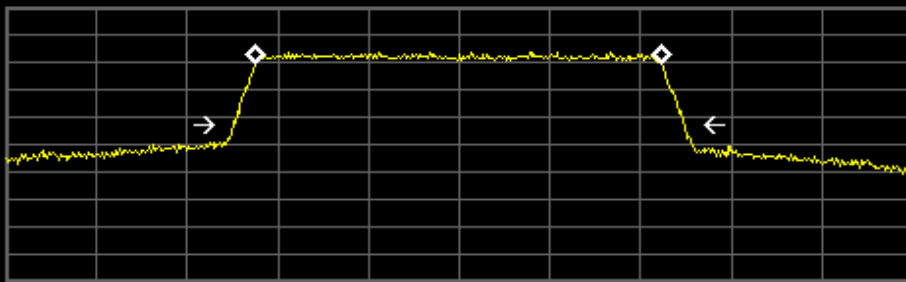
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.98	9.94	10	Pass

**Agilent** 00:20:11 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.55 dBm #Atten 30 dB



Center 844.00 MHz Span 20 MHz  
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

**Stop Freq**  
854.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

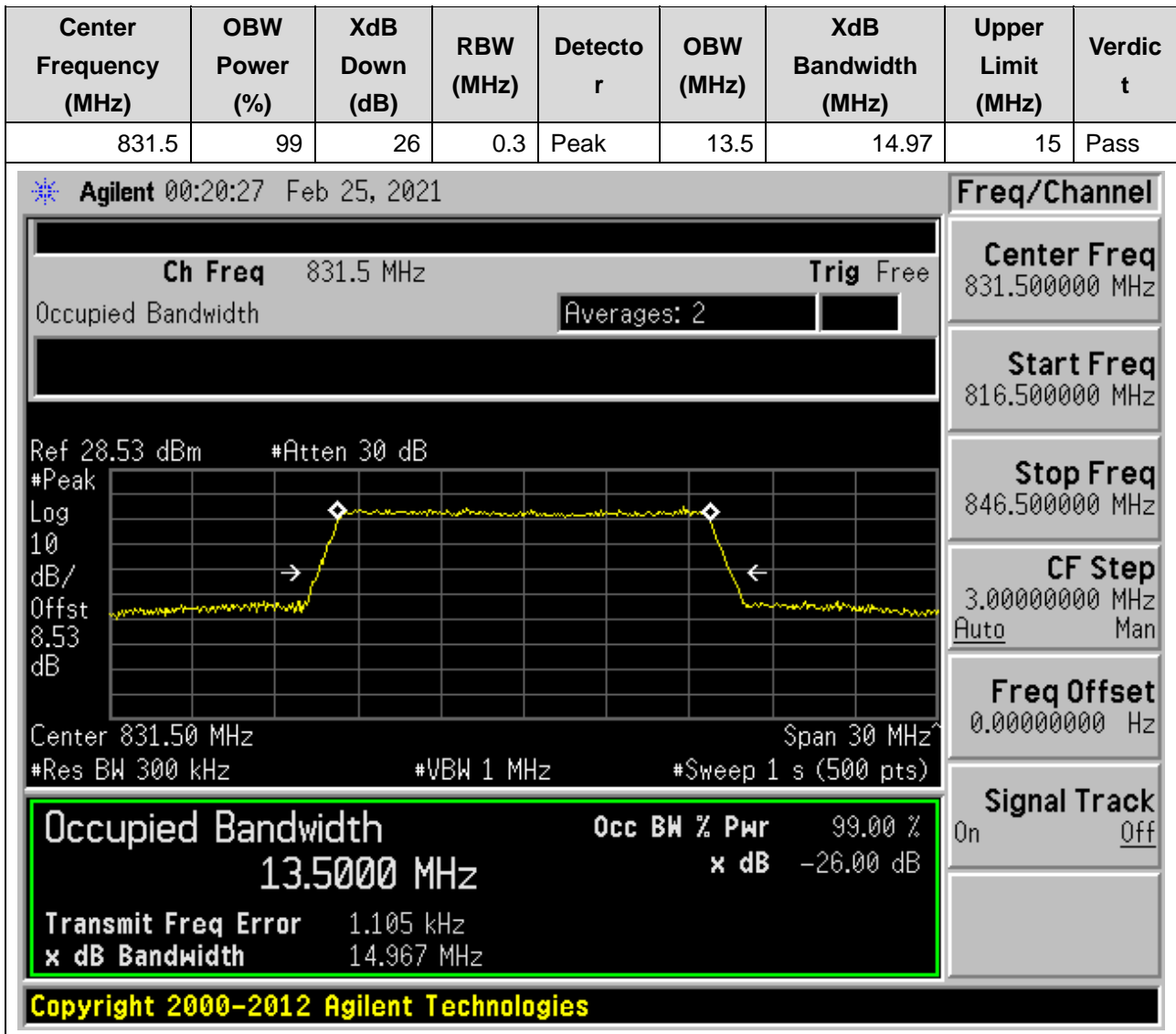
**8.9835 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -19.764 kHz

**x dB Bandwidth** 9.943 MHz

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



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

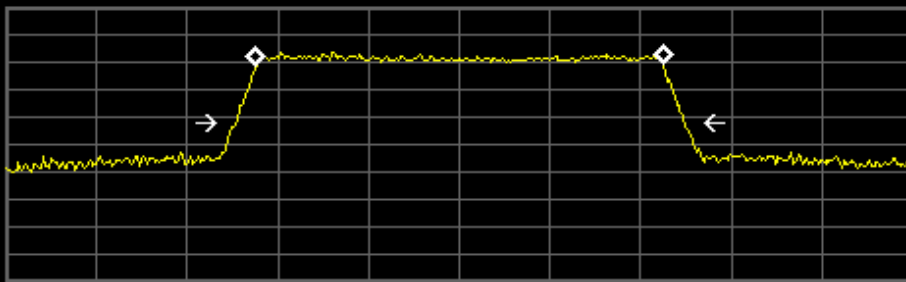
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.48	14.88	15	Pass

**Agilent** 00:20:38 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 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 %

**13.4839 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.607 kHz

**x dB Bandwidth** 14.876 MHz

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

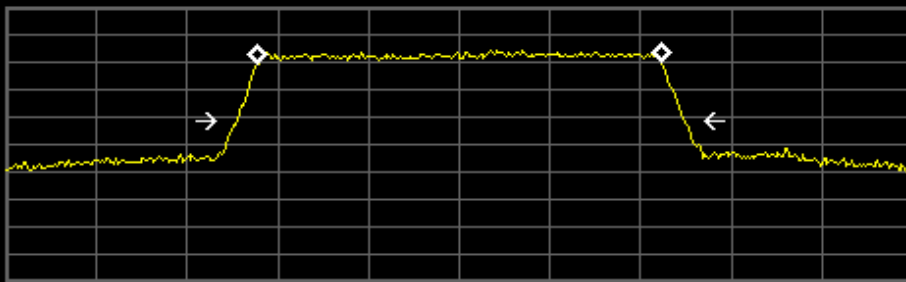
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.3	Peak	13.43	14.86	15	Pass

**Agilent** 00:20:52 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.54 dBm #Atten 30 dB



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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
851.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**13.4306 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 2.242 kHz

**x dB Bandwidth** 14.859 MHz

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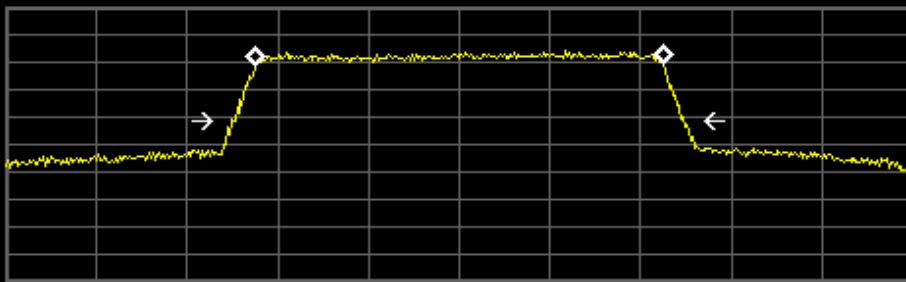
**14.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.47	14.97	15	Pass

**Agilent** 00:21:02 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.54 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.54 dB

Center 836.50 MHz Span 30 MHz

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

**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
851.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**13.4695 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -5.674 kHz

**x dB Bandwidth** 14.966 MHz

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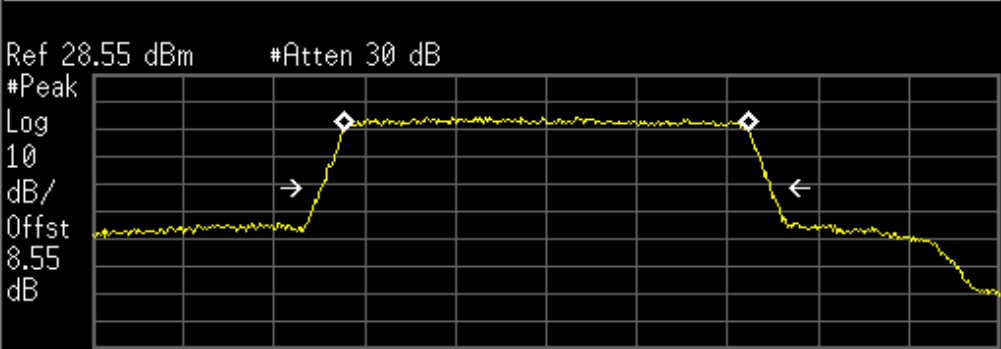
**14.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.41	14.93	15	Pass

**Agilent** 00:21:16 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.55 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.55 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 %

**13.4064 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -13.651 kHz

**x dB Bandwidth** 14.929 MHz

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

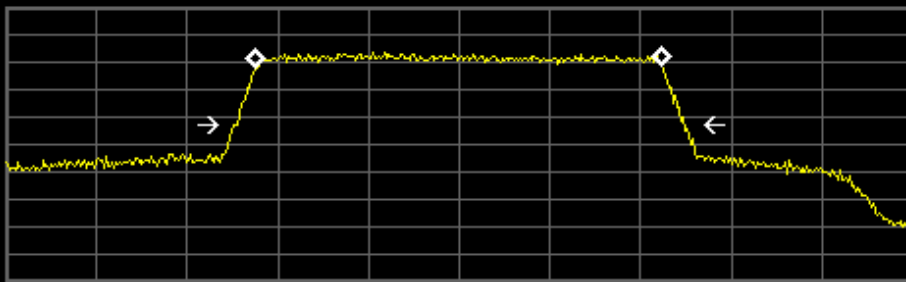
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.3	Peak	13.45	14.83	15	Pass

**Agilent** 00:21:26 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.55 dBm #Atten 30 dB



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

**Freq/Channel**

**Center Freq**  
841.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
856.500000 MHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**13.4539 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -10.746 kHz

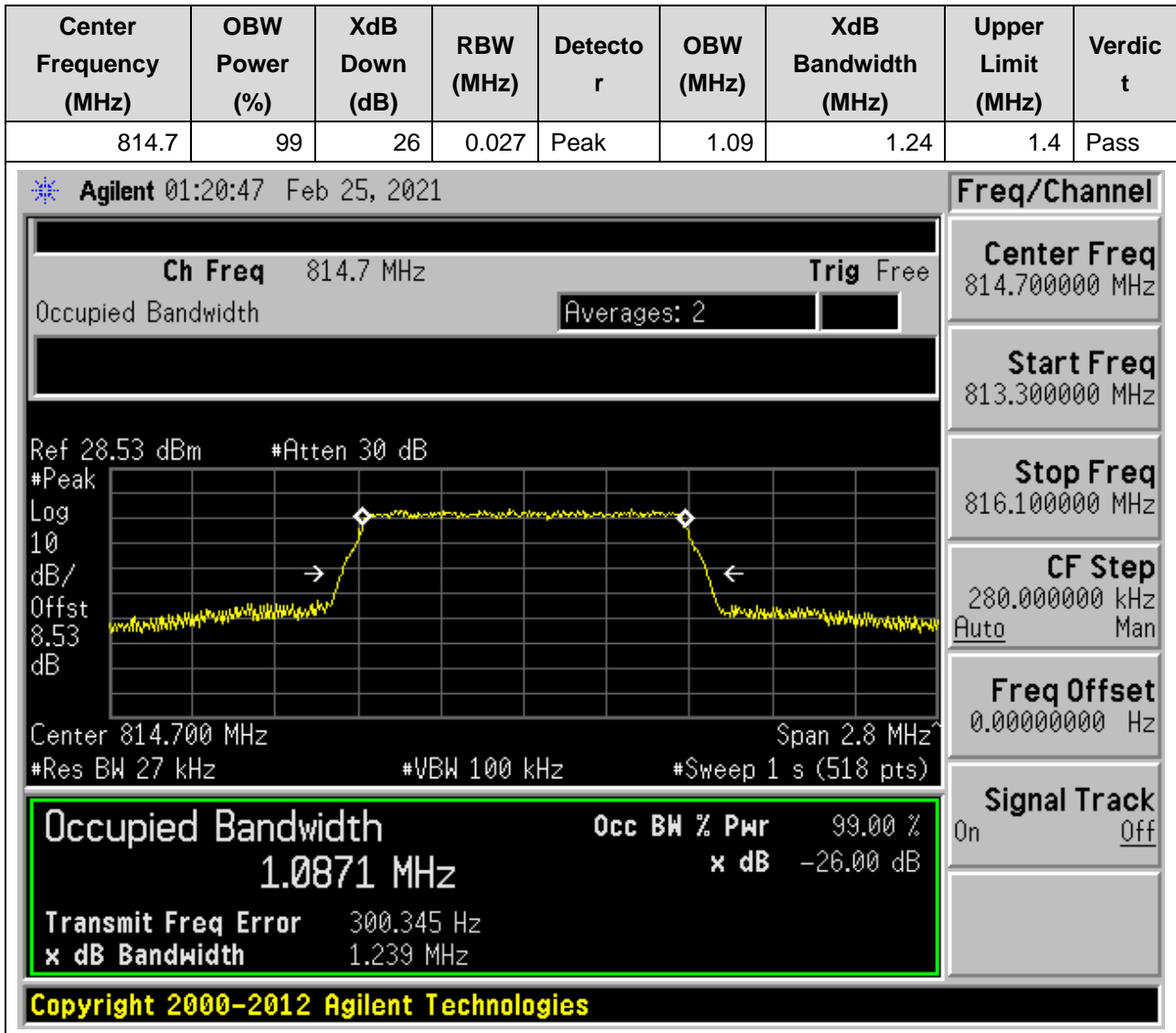
**x dB Bandwidth** 14.827 MHz

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## 15. LTE\_Band26(part90)

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



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

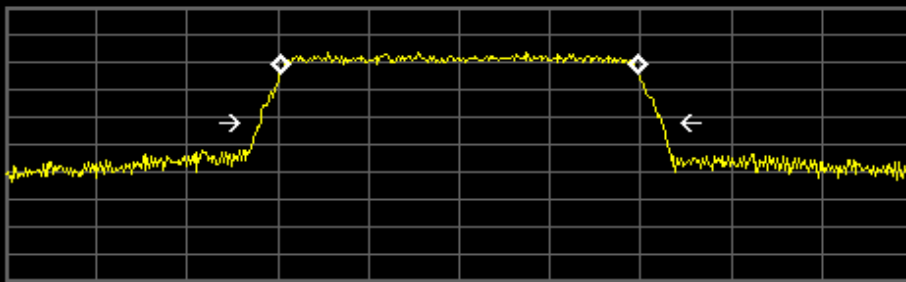
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
814.7	99	26	0.027	Peak	1.1	1.24	1.4	Pass

**Agilent** 01:20:58 Feb 25, 2021

**Ch Freq** 814.7 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 dB



Center 814.700 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
814.700000 MHz

**Start Freq**  
813.300000 MHz

**Stop Freq**  
816.100000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0991 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 666.048 Hz

**x dB Bandwidth** 1.243 MHz

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**15.3. 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	1.09	1.24	1.4	Pass

Agilent 01:21:11 Feb 25, 2021

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.53 dBm #Atten 30 dB



Center 819.000 MHz Span 2.8 MHz

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

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

**1.0889 MHz** x dB -26.00 dB

Transmit Freq Error 263.049 Hz

x dB Bandwidth 1.237 MHz

**Freq/Channel**

Center Freq 819.000000 MHz

Start Freq 817.600000 MHz

Stop Freq 820.400000 MHz

CF Step 280.000000 kHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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**15.4. 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	1.09	1.24	1.4	Pass

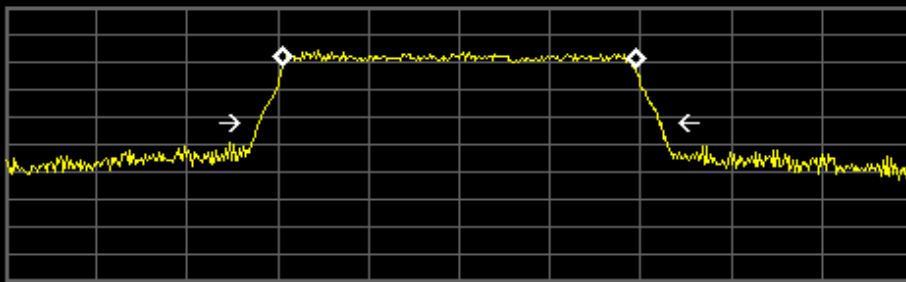
**Agilent** 01:21:22 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 dB



Center 819.000 MHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
819.000000 MHz

**Start Freq**  
817.600000 MHz

**Stop Freq**  
820.400000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0880 MHz** **x dB** -26.00 dB

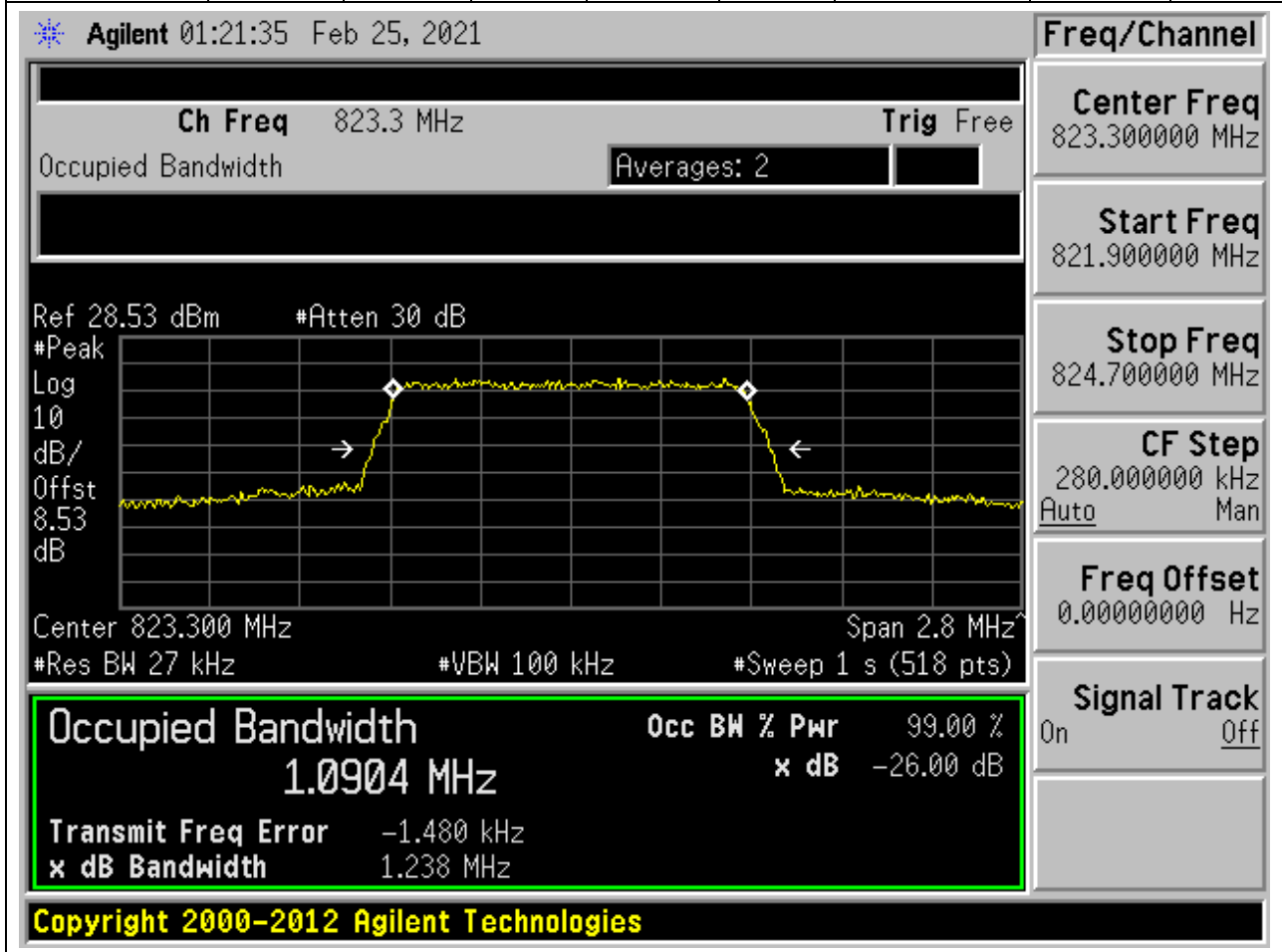
**Transmit Freq Error** -796.433 Hz

**x dB Bandwidth** 1.239 MHz

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**15.5. 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	1.24	1.4	Pass



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

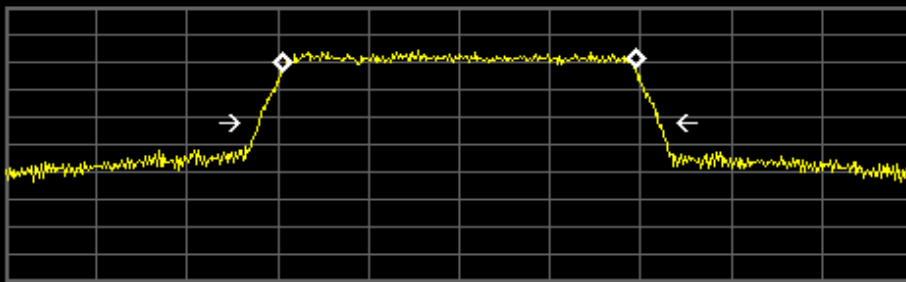
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
823.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

**Agilent** 01:21:46 Feb 25, 2021

**Ch Freq** 823.3 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 dB



Center 823.300 MHz Span 2.8 MHz  
#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

**Freq/Channel**

**Center Freq**  
823.300000 MHz

**Start Freq**  
821.900000 MHz

**Stop Freq**  
824.700000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0914 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.253 kHz

**x dB Bandwidth** 1.239 MHz

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

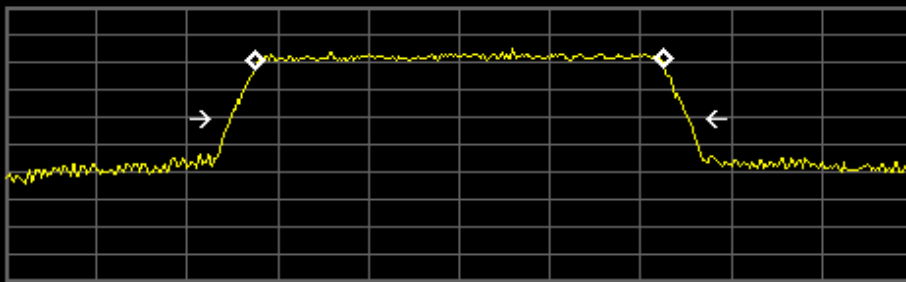
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.71	3.03	3	Pass

**Agilent** 01:22:06 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 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 %

**2.7138 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 480.409 Hz

**x dB Bandwidth** 3.027 MHz

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

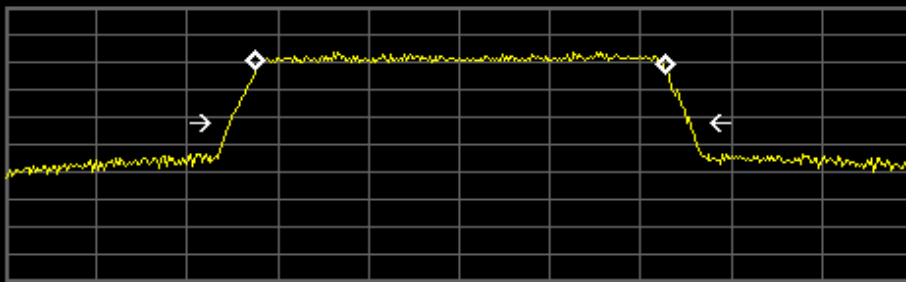
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.71	3.04	3	Pass

**Agilent** 01:22:17 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 28.53 dBm #Atten 30 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 %

**2.7143 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 4.991 kHz

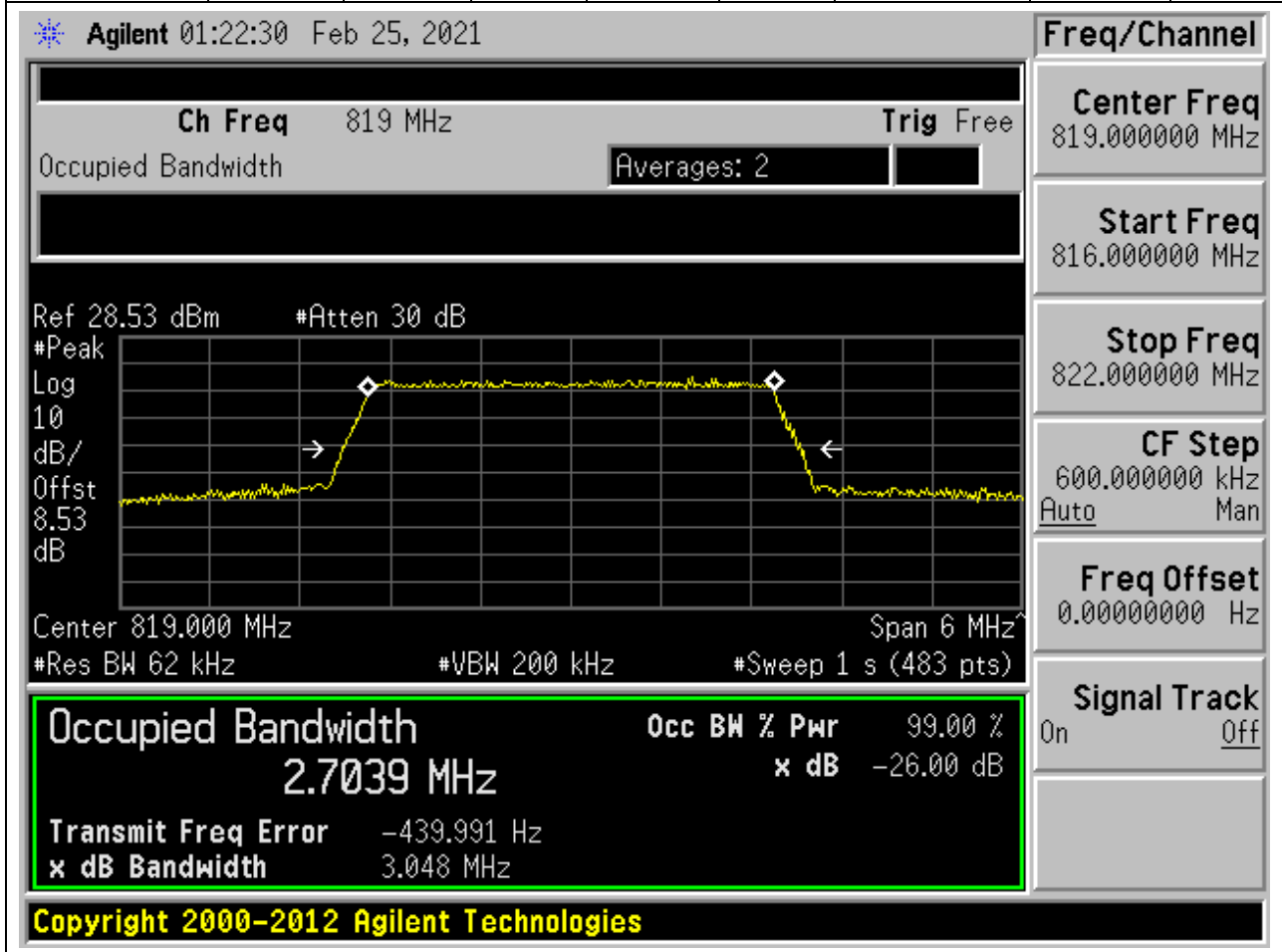
**x dB Bandwidth** 3.042 MHz

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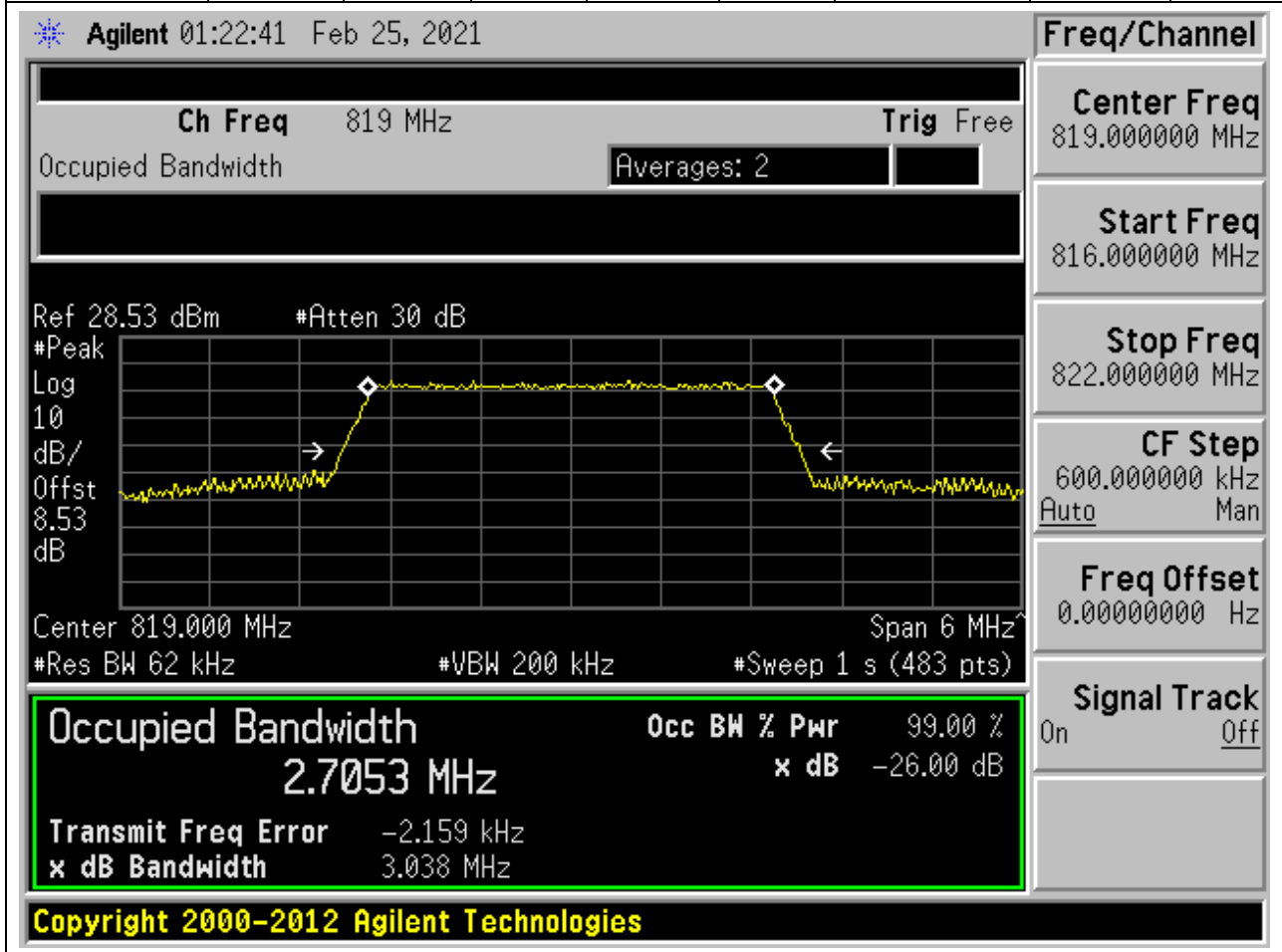
**15.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:26740, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

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	2.7	3.05	3	Pass



**15.10. 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	2.71	3.04	3	Pass



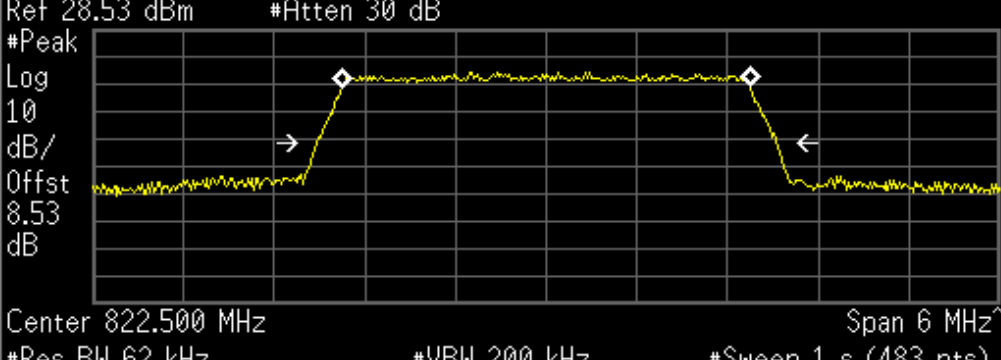
**15.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:26775, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

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	2.71	3.04	3	Pass

**Agilent** 01:22:53 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**2.7091 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -1.499 kHz

**x dB Bandwidth** 3.038 MHz

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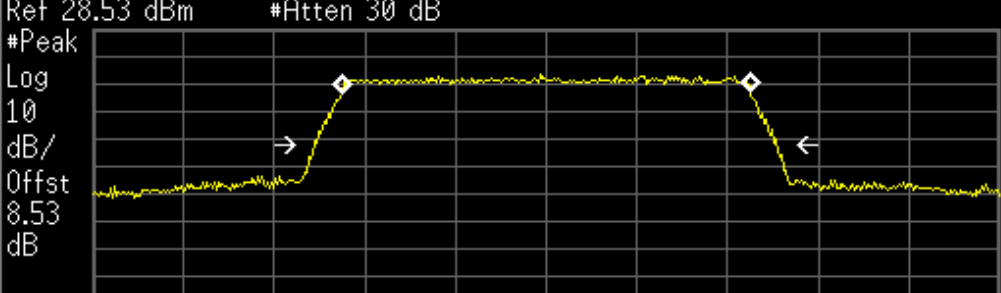
15.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:26775, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

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	2.71	3.06	3	Pass

Agilent 01:23:04 Feb 25, 2021

Ch Freq 822.5 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

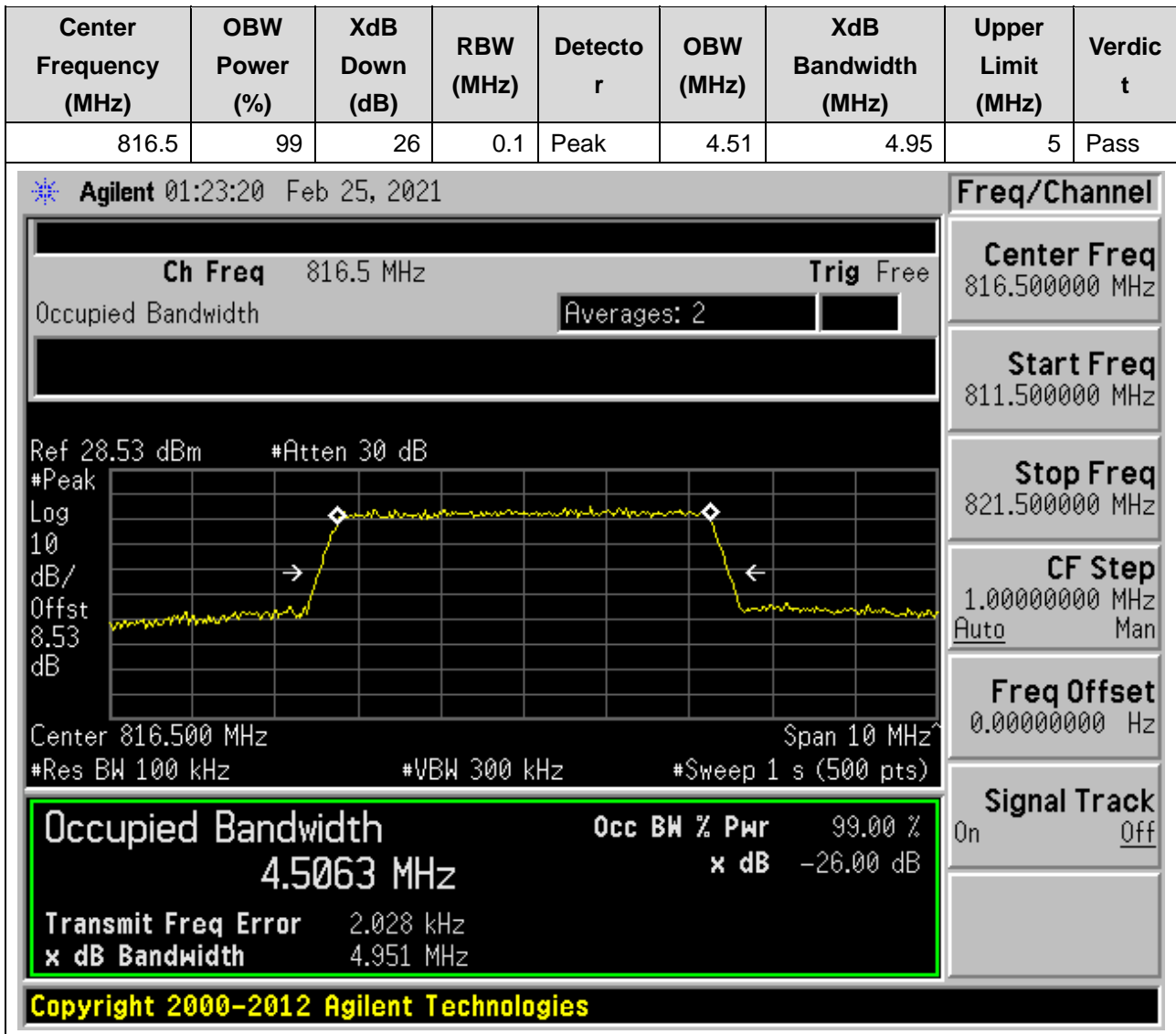
**2.7100 MHz** x dB -26.00 dB

Transmit Freq Error -4.694 kHz

x dB Bandwidth 3.056 MHz

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



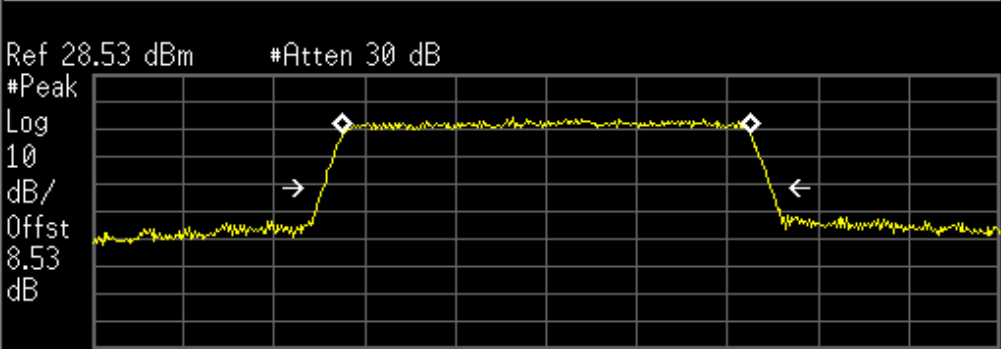
**15.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:26715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.49	4.96	5	Pass

**Agilent** 01:23:30 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**4.4922 MHz**

**x dB** -26.00 dB

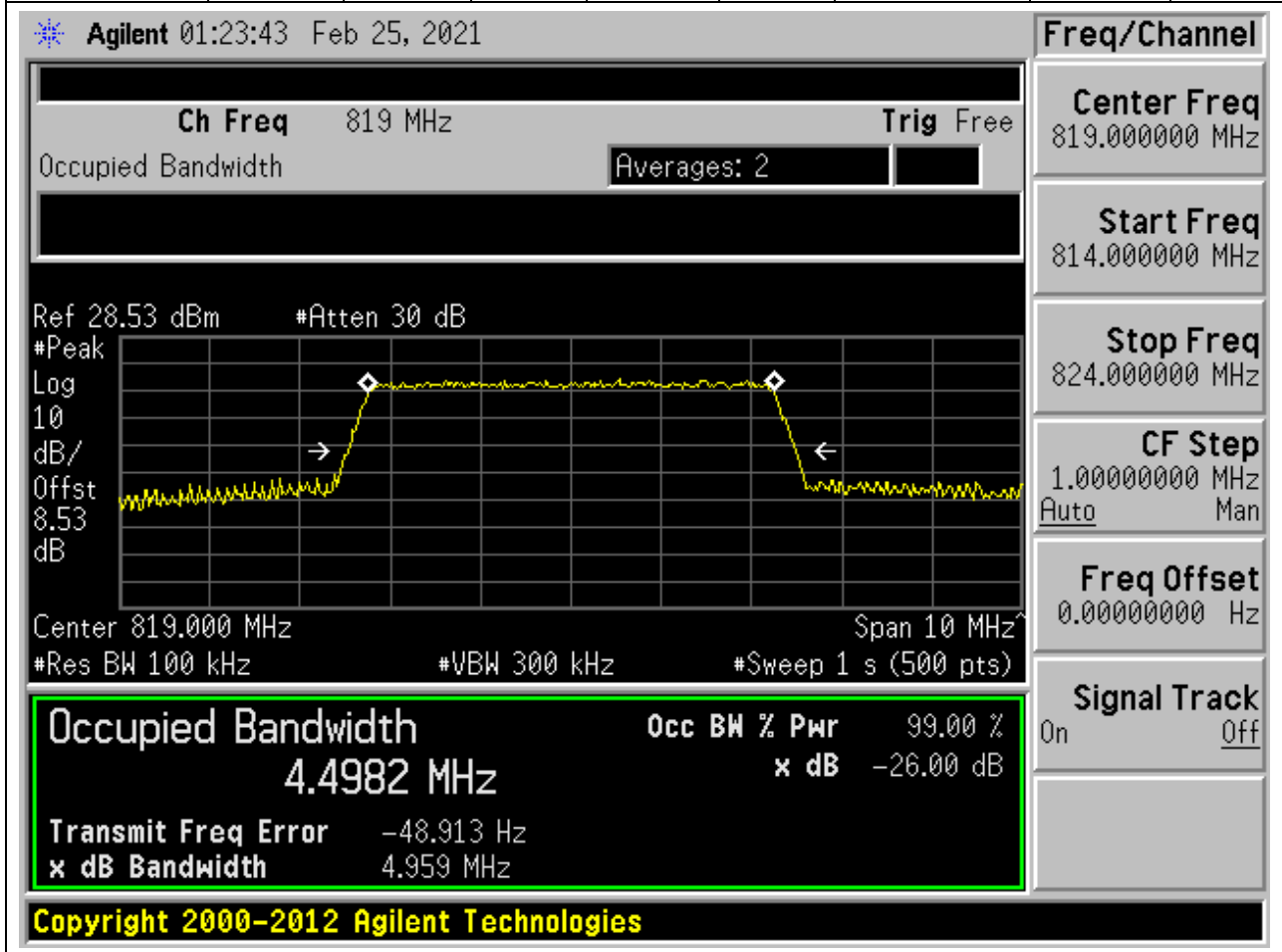
**Transmit Freq Error** 2.686 kHz

**x dB Bandwidth** 4.962 MHz

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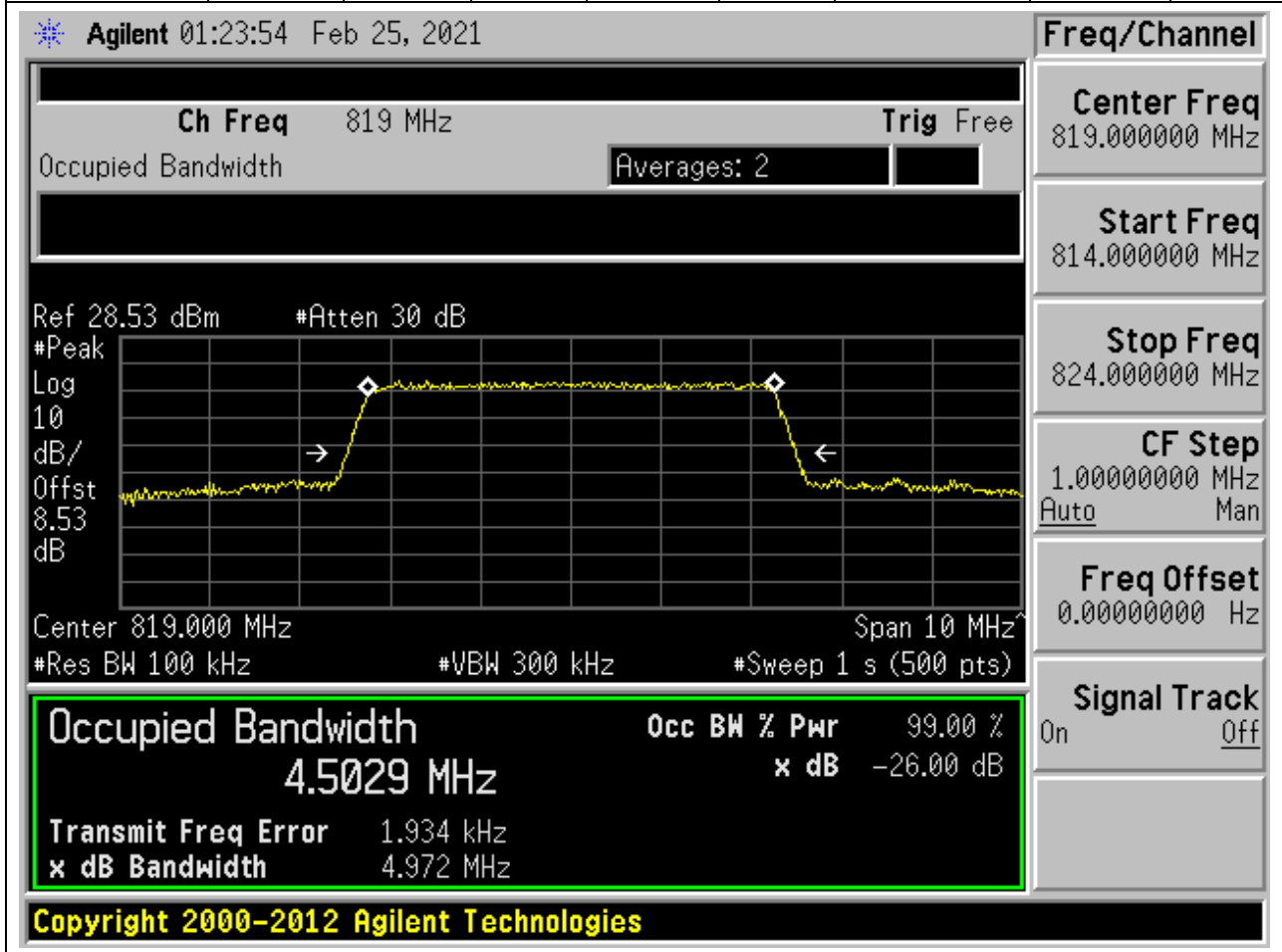
**15.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:26740, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.5	4.96	5	Pass



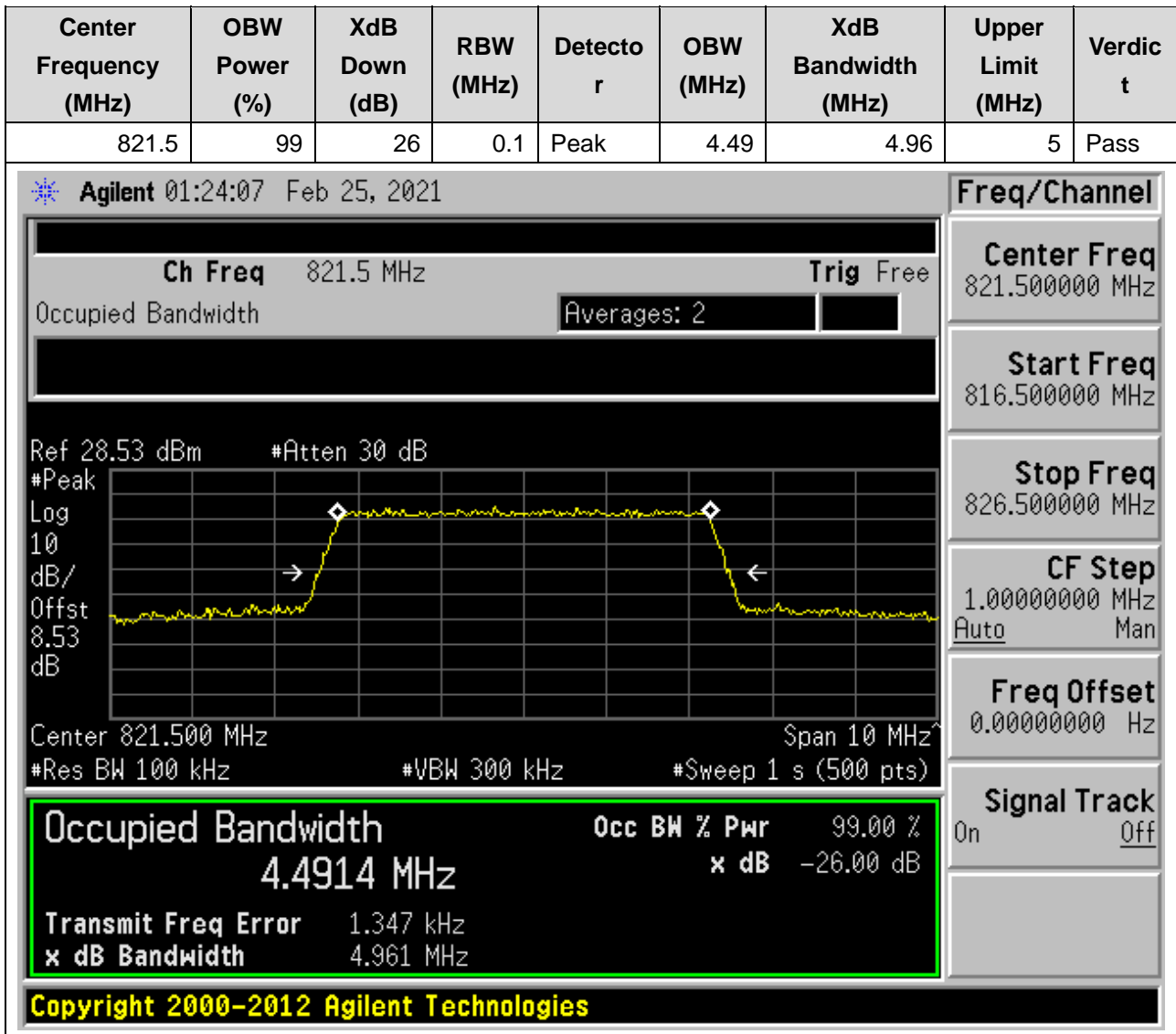
15.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:26740, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.5	4.97	5	Pass

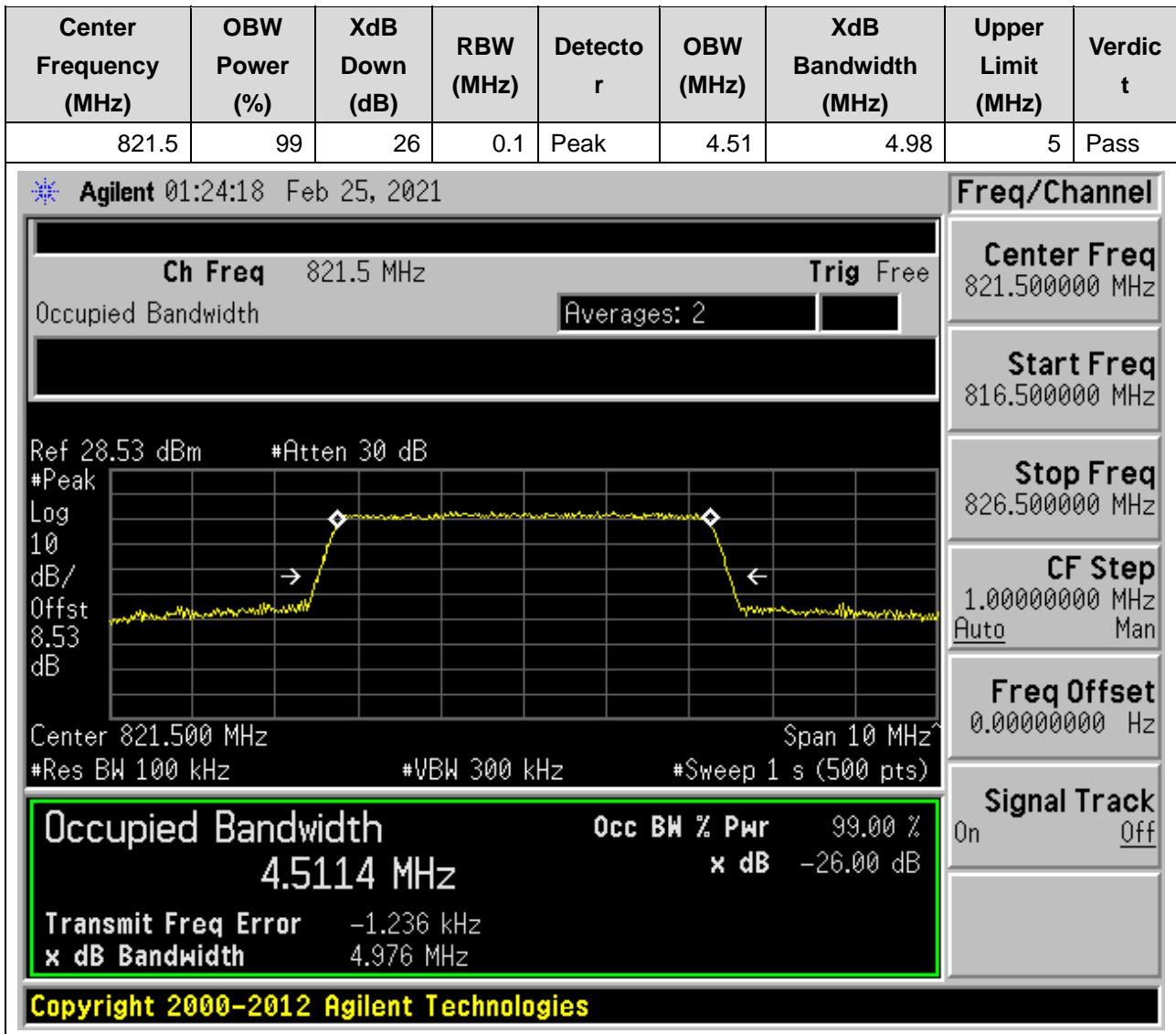




**15.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:26765, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**



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



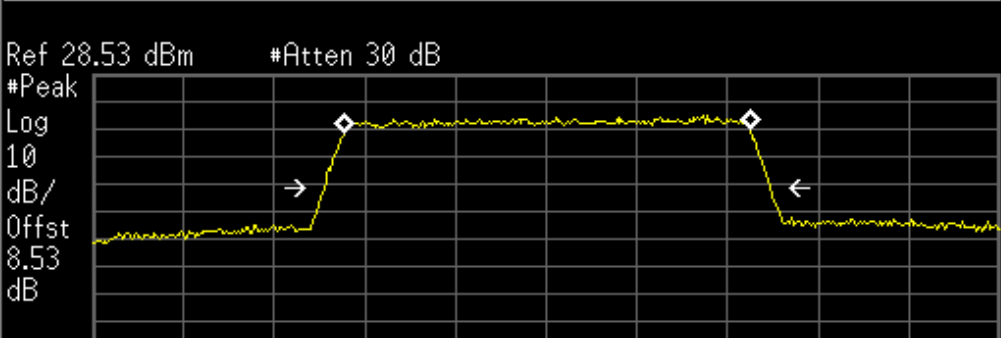
**15.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.95	9.86	10	Pass

**Agilent** 01:24:34 Feb 25, 2021

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**8.9538 MHz** x dB -26.00 dB

Transmit Freq Error 20.754 kHz

x dB Bandwidth 9.862 MHz

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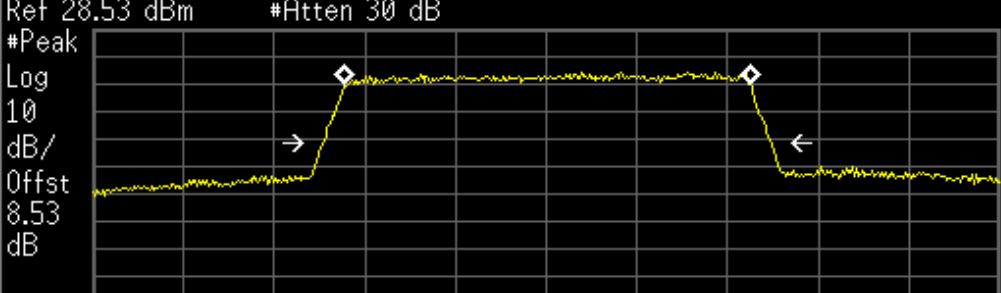
**15.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.97	9.92	10	Pass

**Agilent** 01:24:45 Feb 25, 2021

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2



Ref 28.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.53 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 %

**8.9725 MHz** x dB -26.00 dB

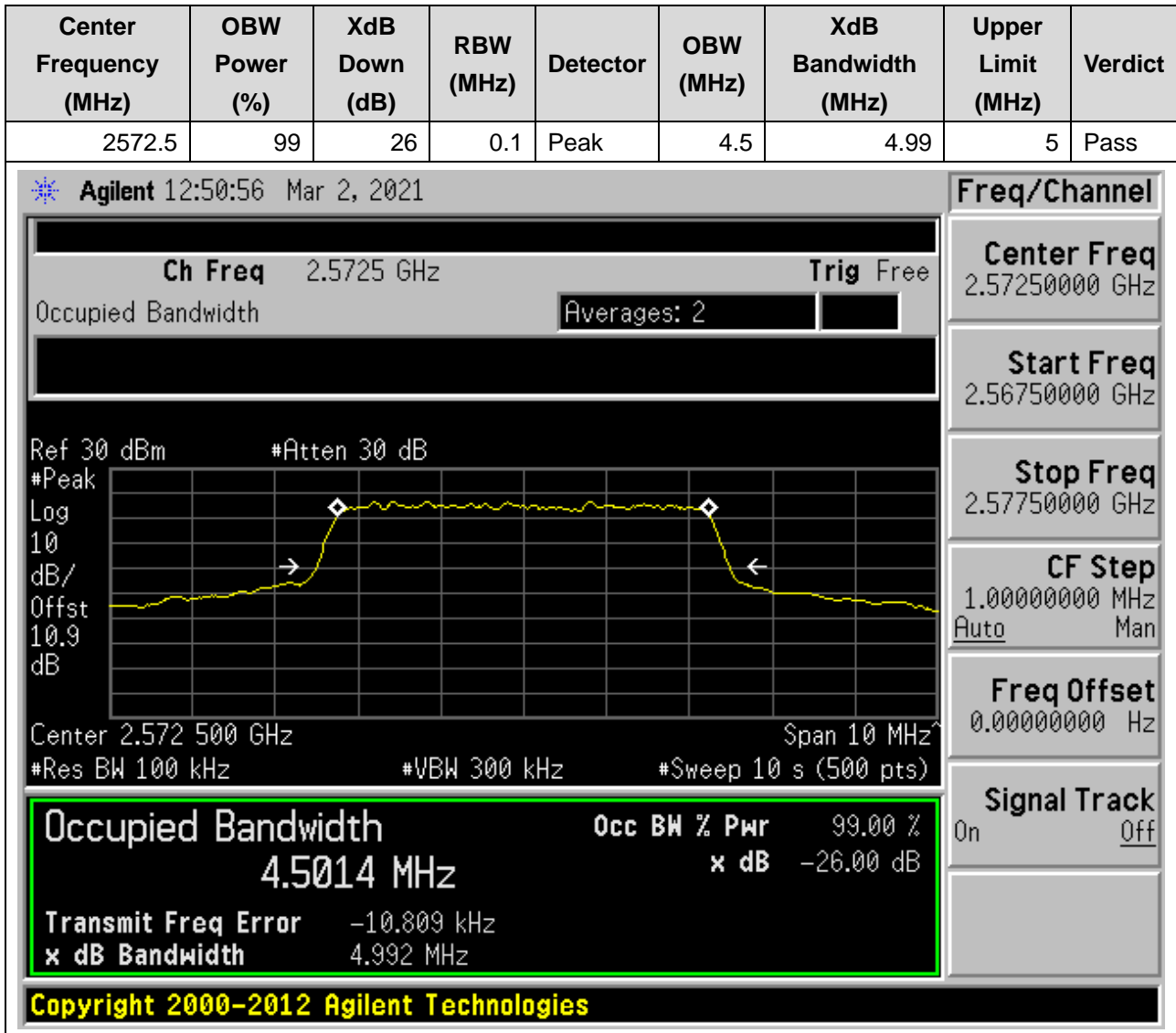
Transmit Freq Error 20.381 kHz

x dB Bandwidth 9.917 MHz

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## 16. LTE\_Band38

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



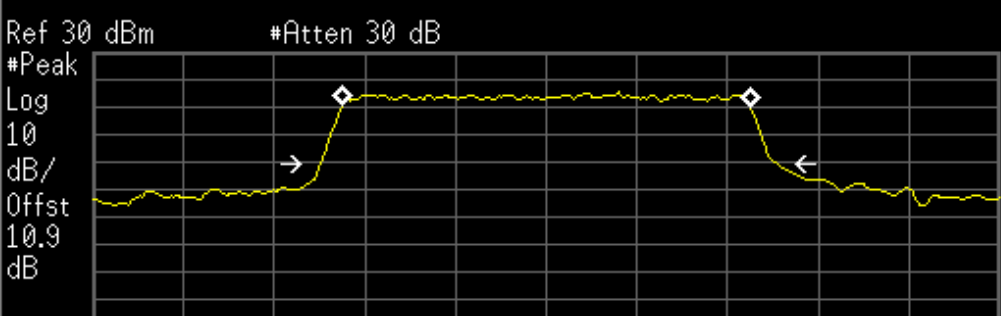
**16.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:37775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	5.03	5	Pass

**Agilent** 12:51:43 Mar 2, 2021

**Ch Freq** 2.5725 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.9 dB

Center 2.572 500 GHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
2.57250000 GHz

**Start Freq**  
2.56750000 GHz

**Stop Freq**  
2.57750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.5081 MHz** **x dB** -26.00 dB

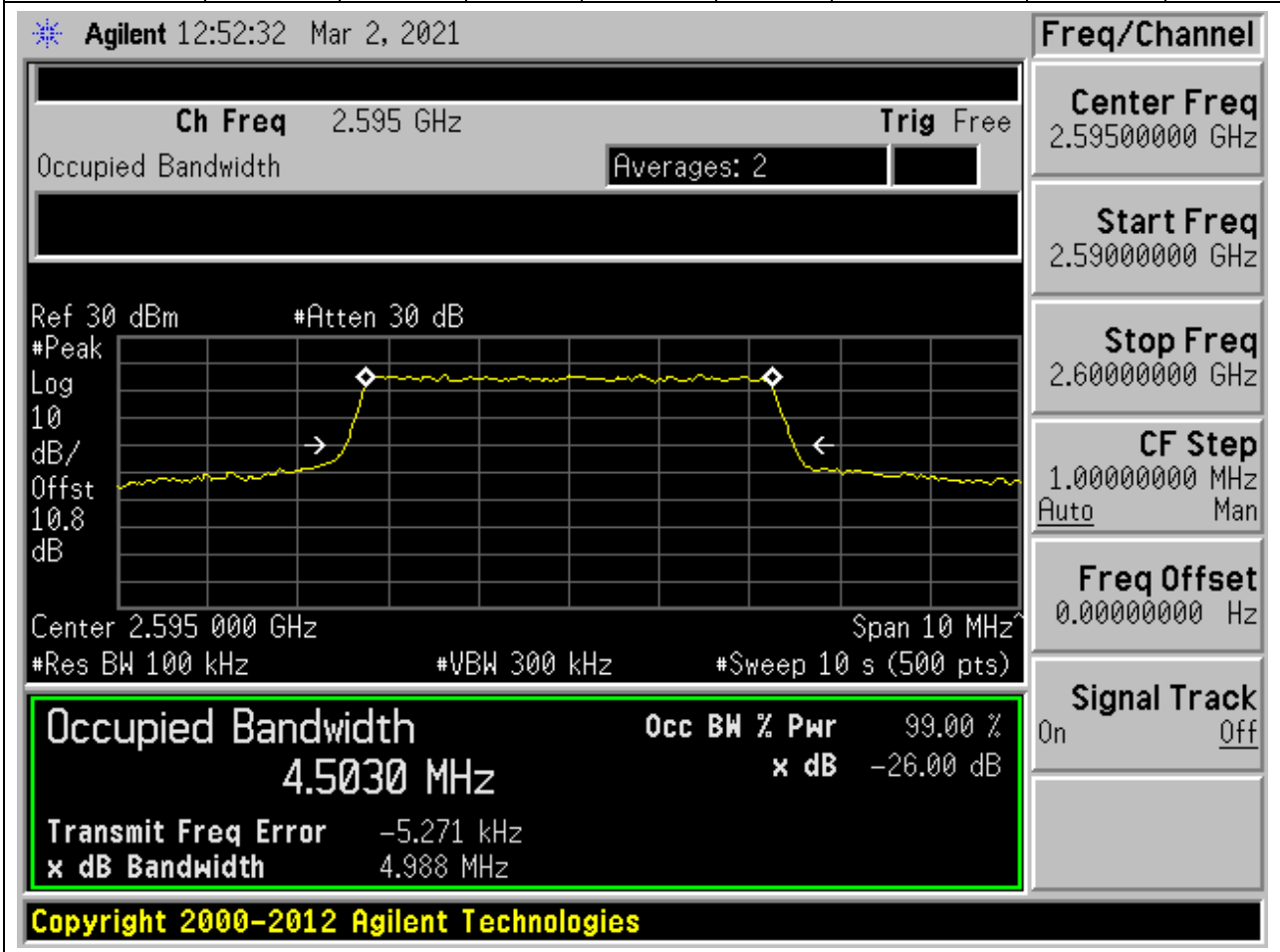
**Transmit Freq Error** -4.529 kHz

**x dB Bandwidth** 5.035 MHz

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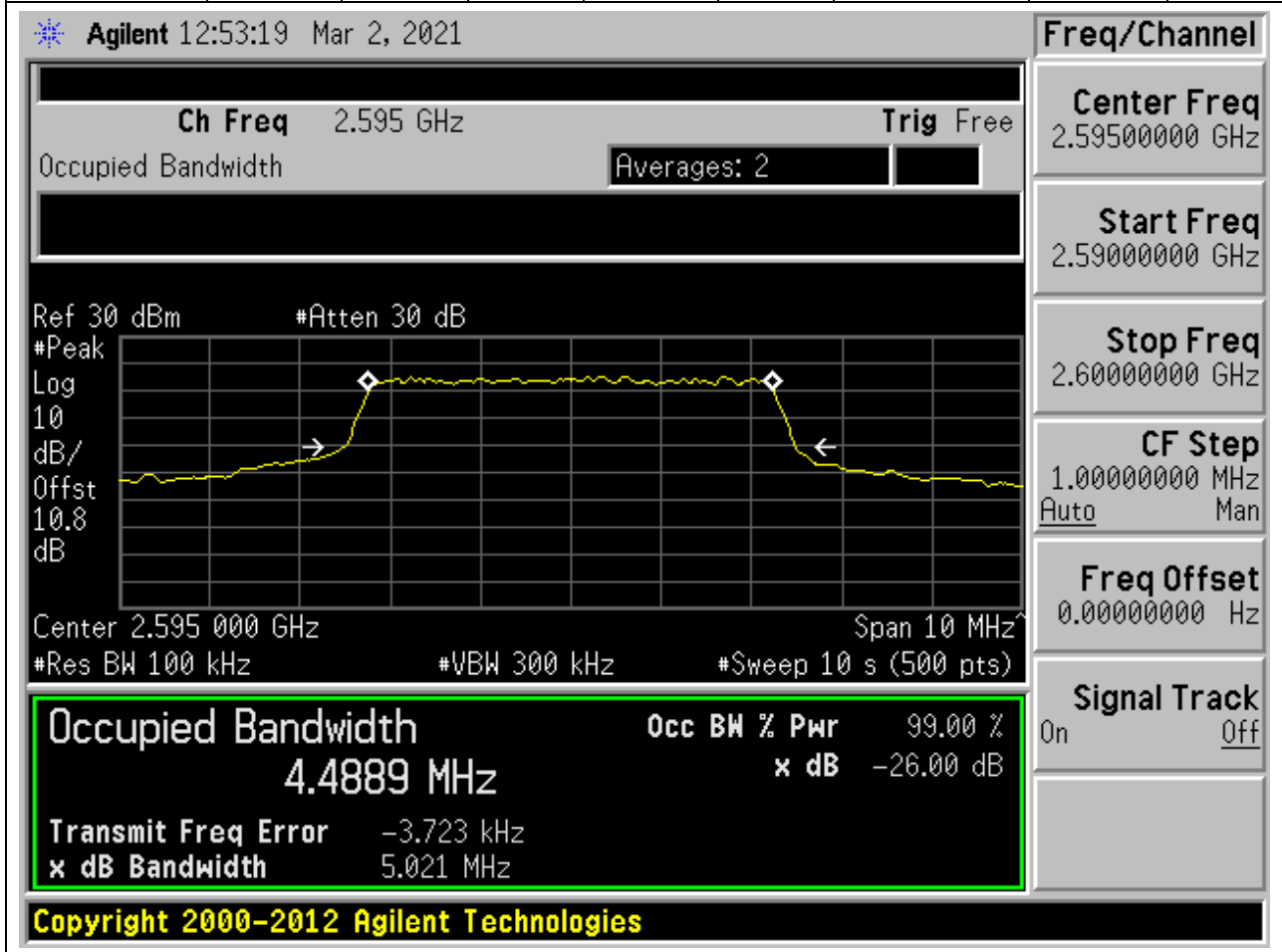
**16.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.5	4.99	5	Pass



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

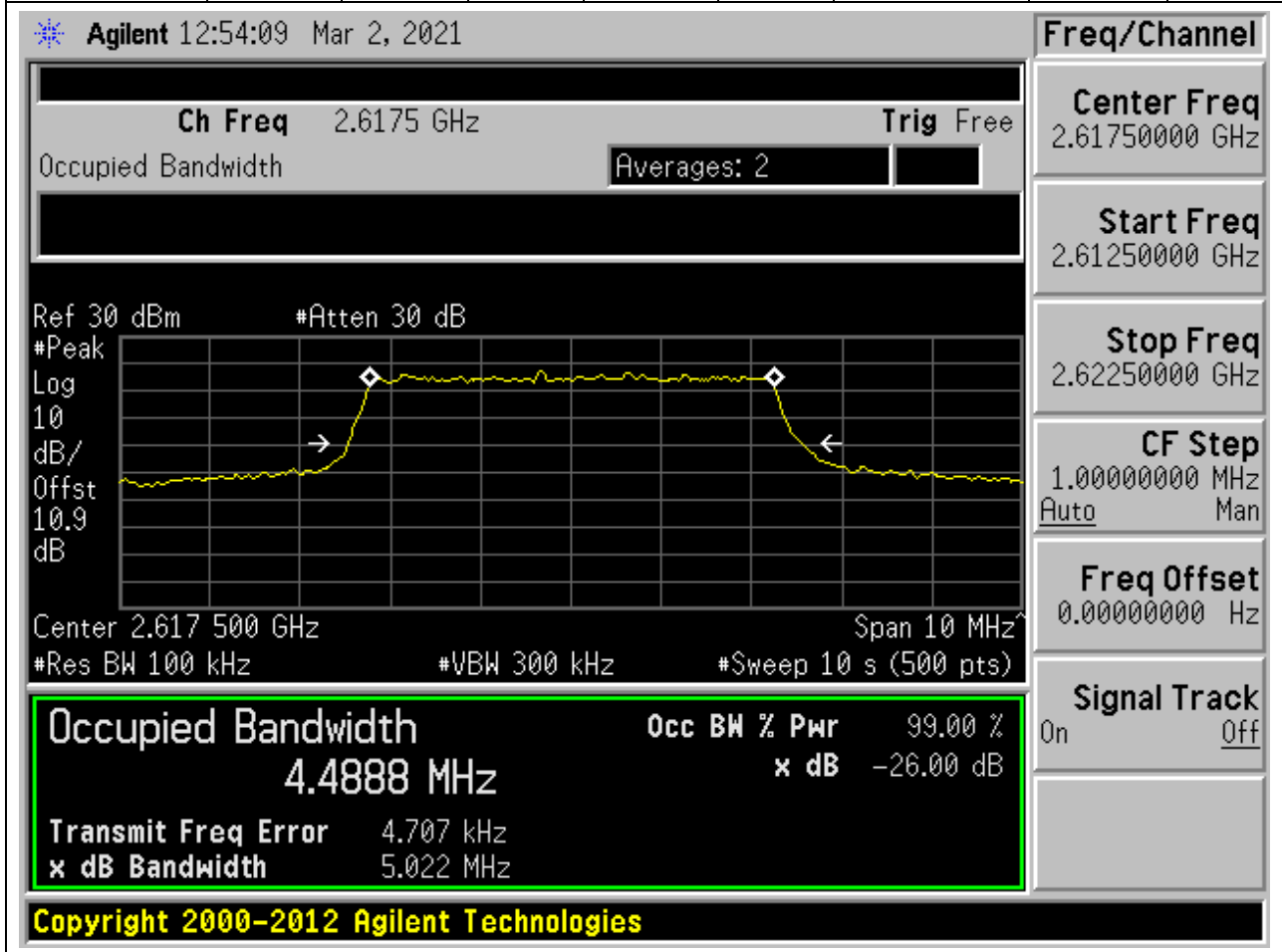
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.49	5.02	5	Pass





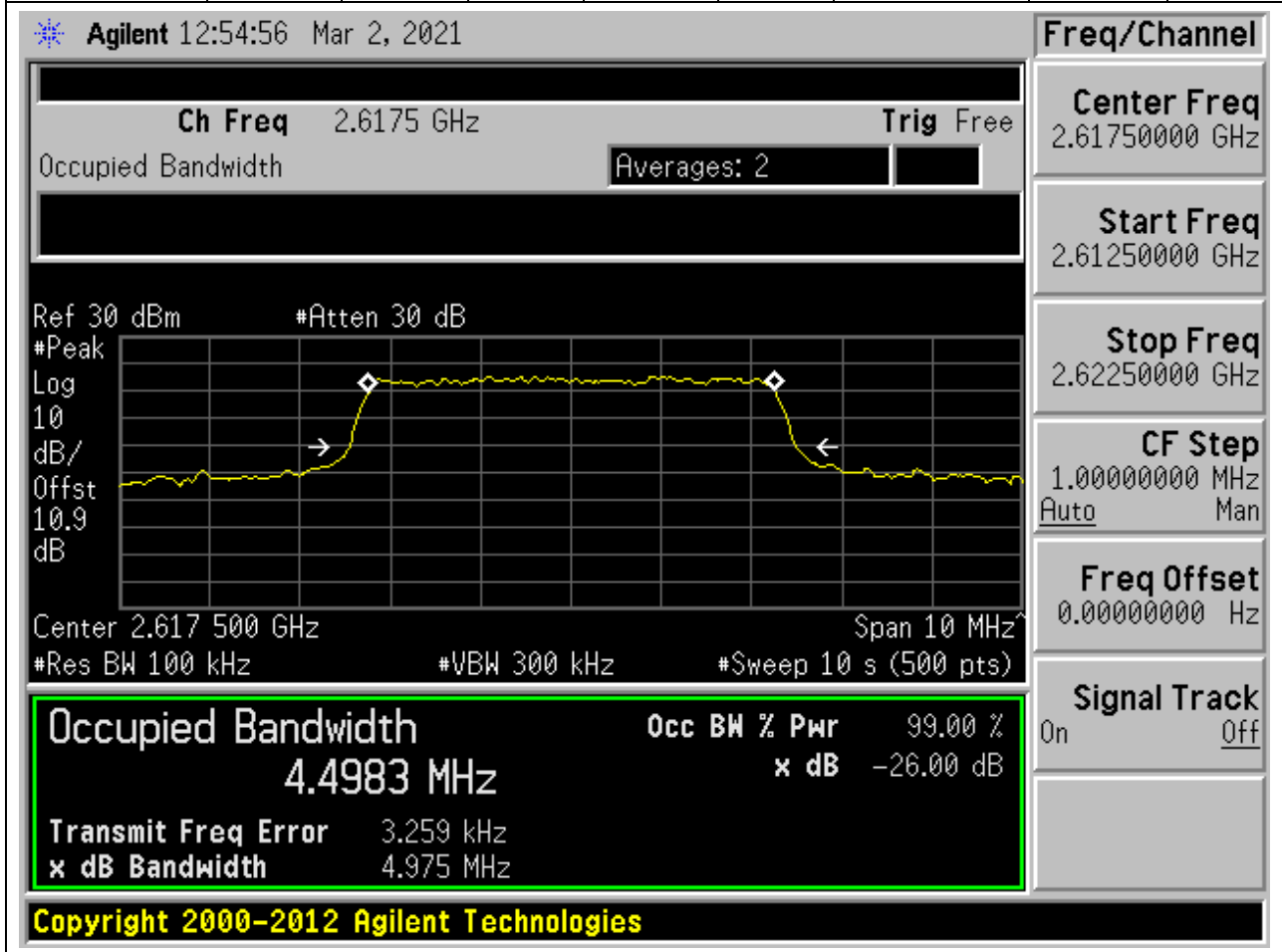
**16.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.49	5.02	5	Pass



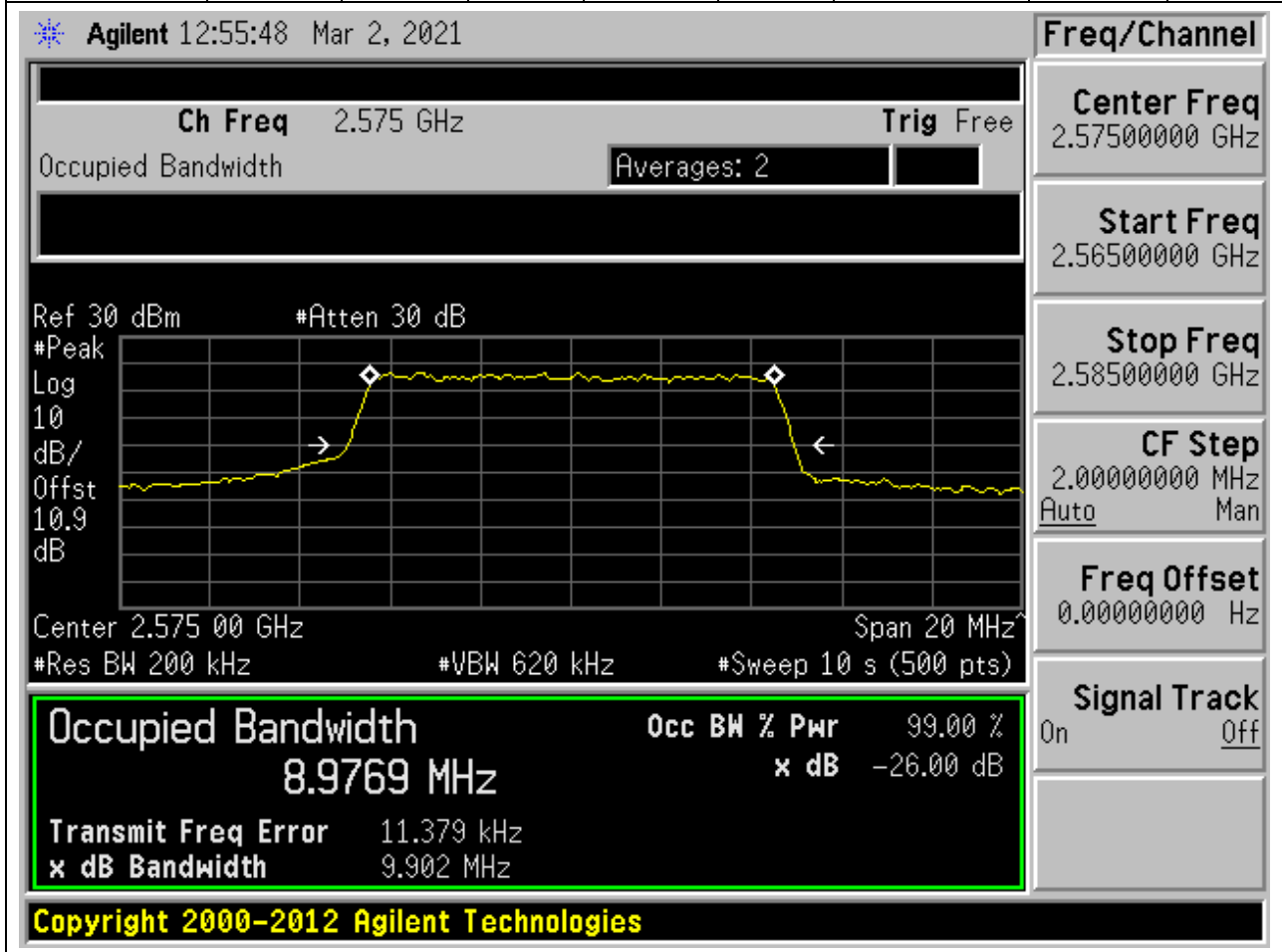
**16.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:38225, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.5	4.98	5	Pass



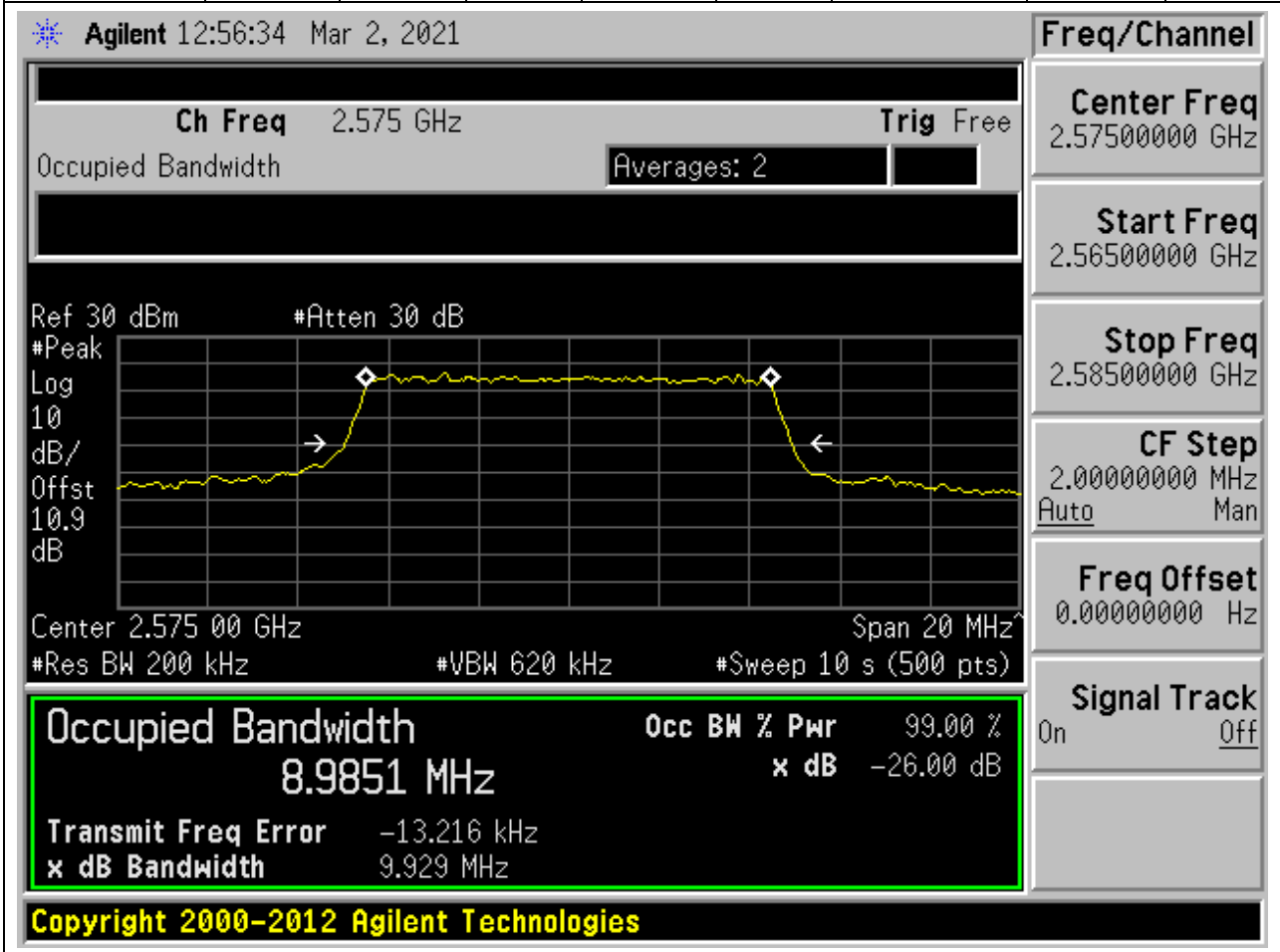
**16.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:37800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.98	9.9	10	Pass



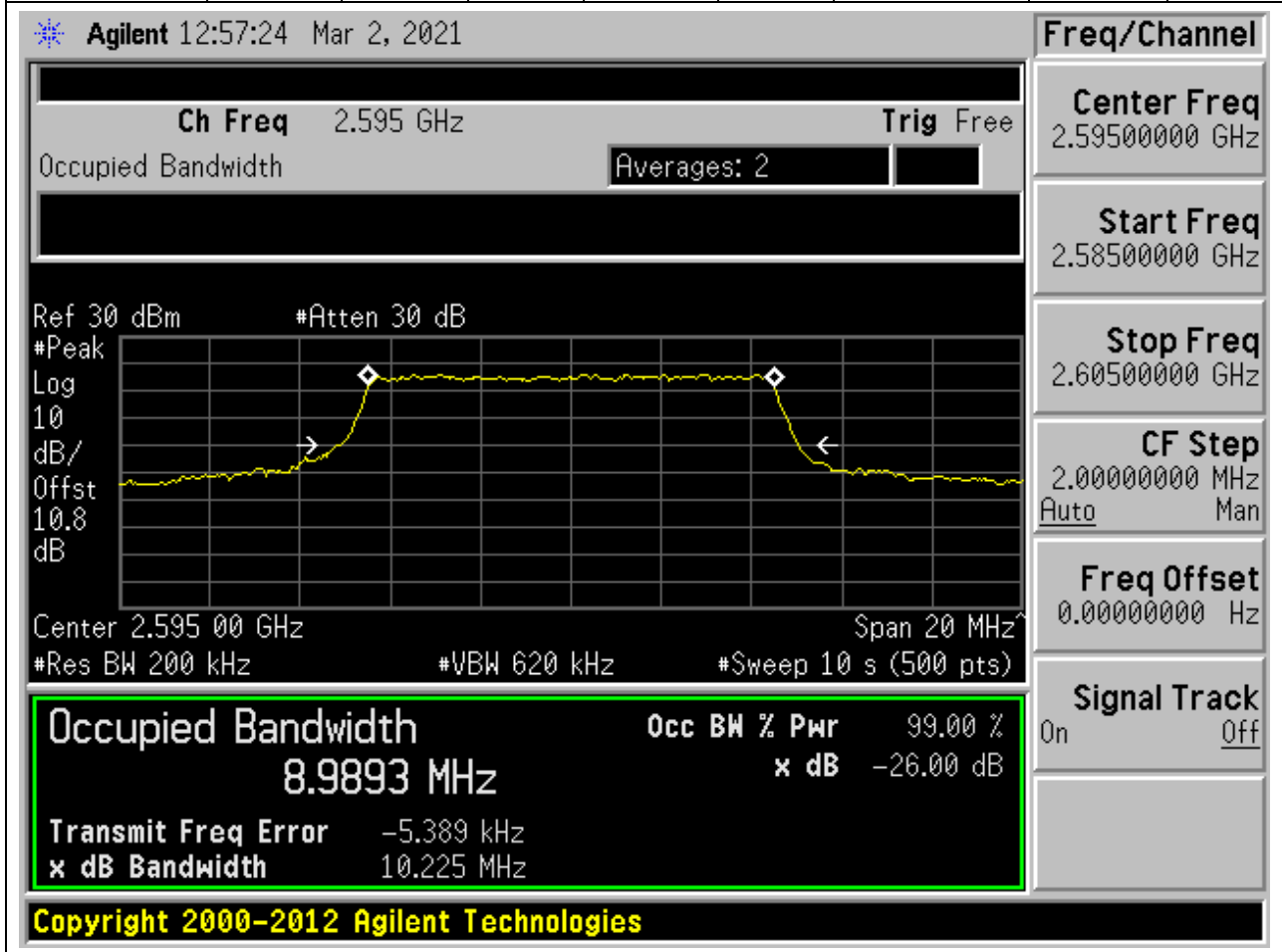
**16.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:37800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.99	9.93	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.2	Peak	8.99	10.23	10	Pass



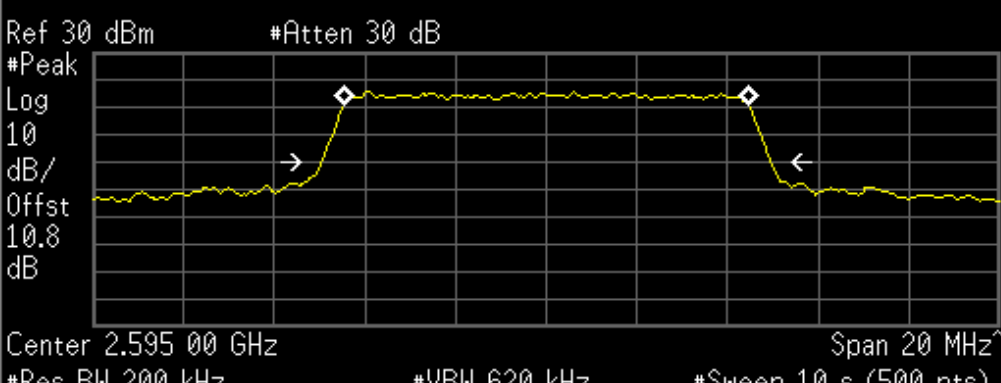
**16.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:38000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.96	9.95	10	Pass

**Agilent** 12:58:11 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 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 %
<b>8.9637 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.753 kHz	
<b>x dB Bandwidth</b>	9.954 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58500000 GHz

**Stop Freq**  
2.60500000 GHz

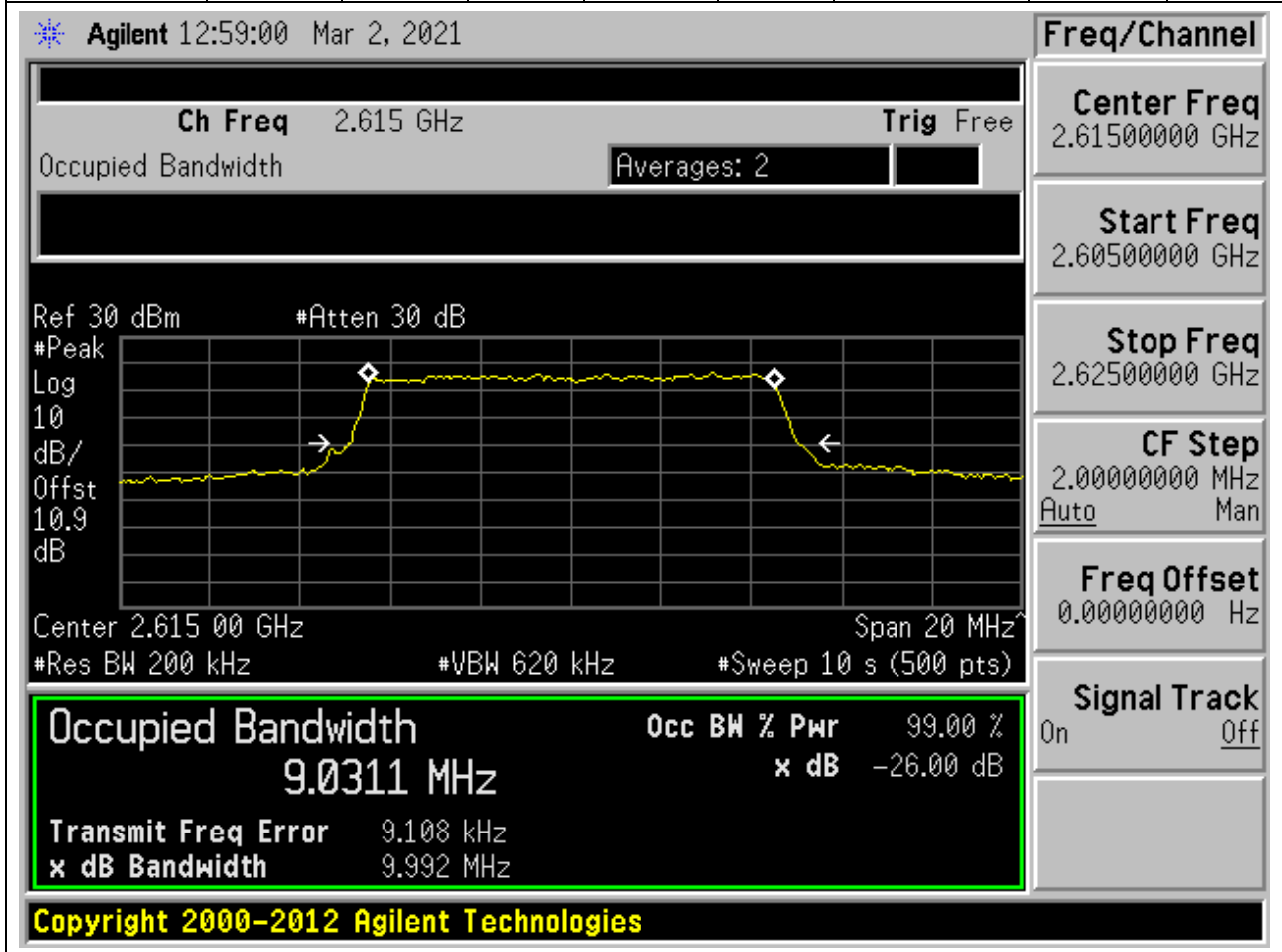
**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**16.11. 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	9.03	9.99	10	Pass



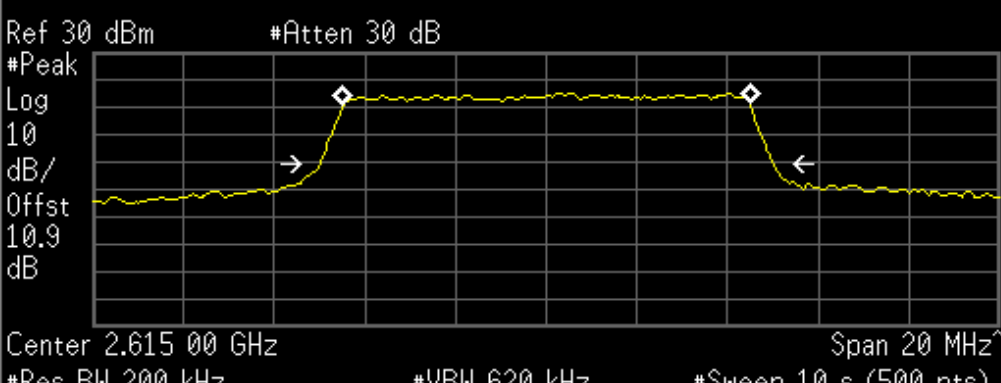
**16.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:38200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.99	10.01	10	Pass

**Agilent** 12:59:47 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.9 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 %
<b>8.9911 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.337 kHz	
<b>x dB Bandwidth</b>	10.014 MHz	

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**Freq/Channel**

**Center Freq**  
2.61500000 GHz

**Start Freq**  
2.60500000 GHz

**Stop Freq**  
2.62500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

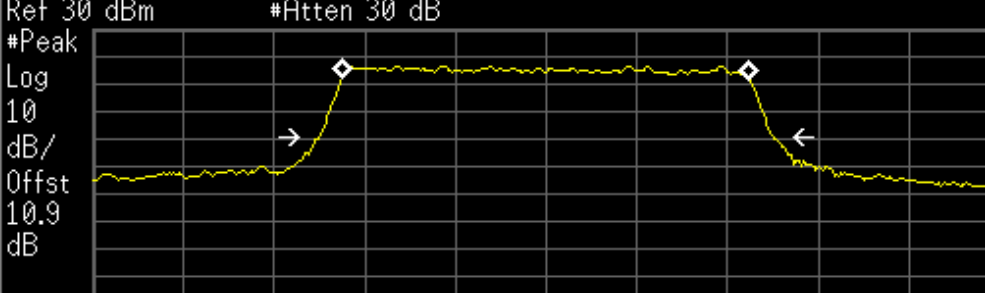
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.5	15.03	15	Pass

**Agilent** 13:00:40 Mar 2, 2021

**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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4974 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-22.806 kHz	
<b>x dB Bandwidth</b>	15.031 MHz	

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**Freq/Channel**

**Center Freq**  
2.57750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.59250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

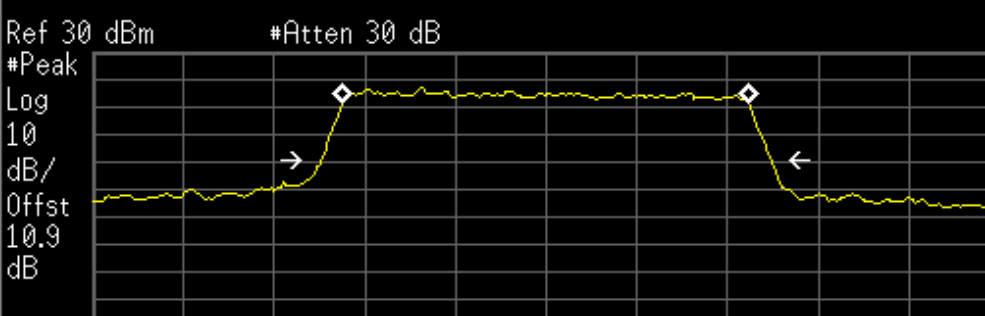
**16.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:37825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.46	14.9	15	Pass

**Agilent** 13:01:27 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.9 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 %

**13.4630 MHz** **x dB** -26.00 dB

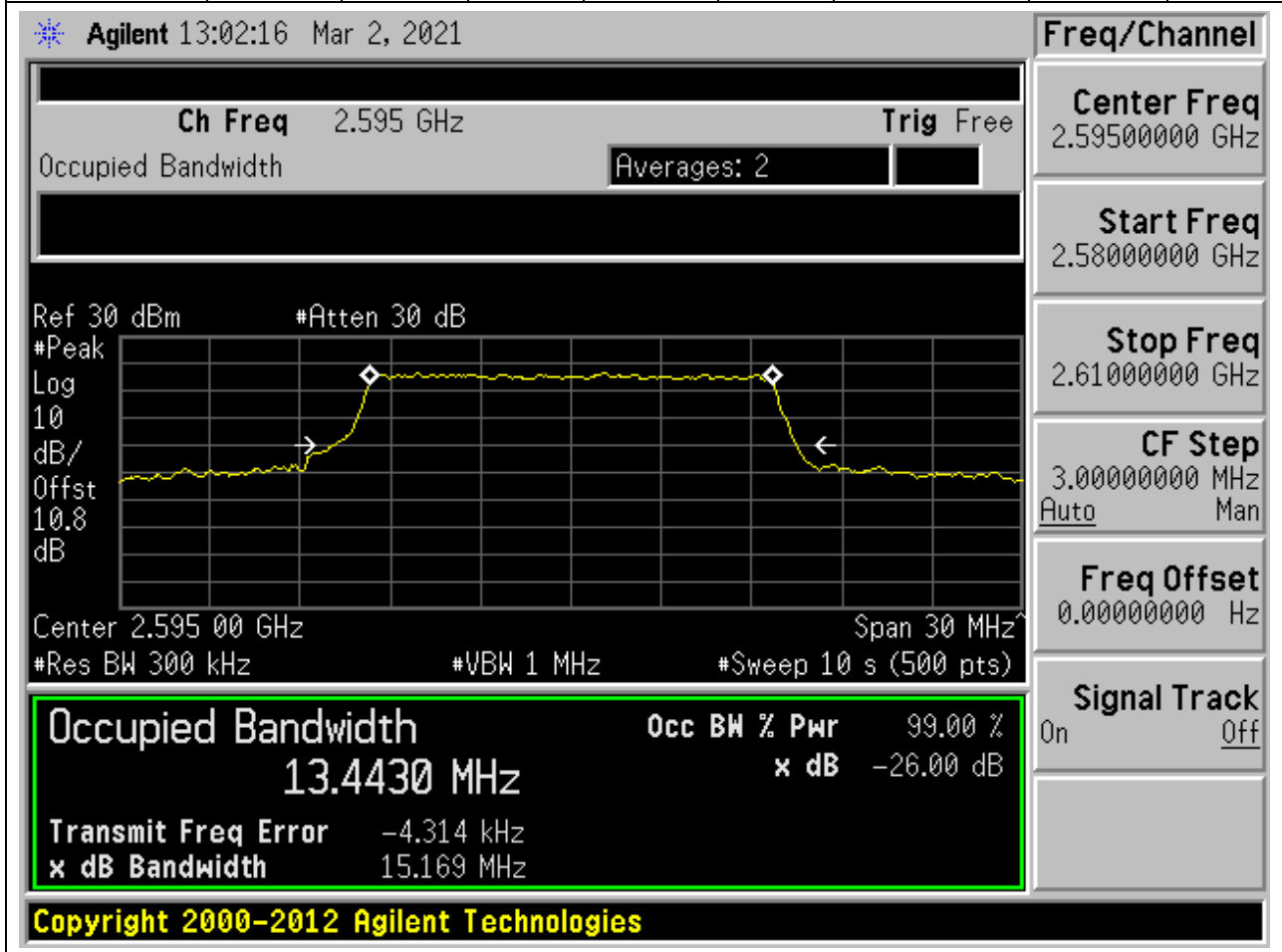
**Transmit Freq Error** -30.051 kHz

**x dB Bandwidth** 14.901 MHz

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**16.15. 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	13.44	15.17	15	Pass



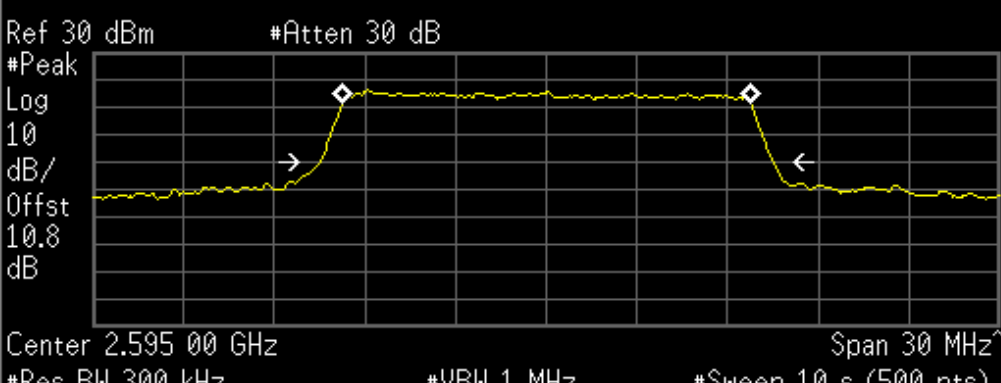
**16.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:38000, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.53	15.04	15	Pass

**Agilent** 13:03:03 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.595 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>13.5253 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	1.890 kHz	
<b>x dB Bandwidth</b>	15.039 MHz	

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**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

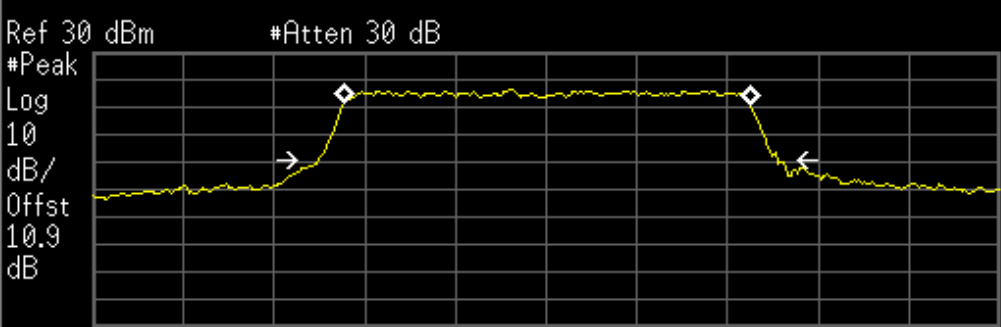
16.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:38175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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	13.46	15.22	15	Pass

Agilent 13:03:53 Mar 2, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.9 dB

Center 2.612 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>13.4608 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	18.820 kHz	
<b>x dB Bandwidth</b>	15.220 MHz	

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**Freq/Channel**

**Center Freq**  
2.61250000 GHz

**Start Freq**  
2.59750000 GHz

**Stop Freq**  
2.62750000 GHz

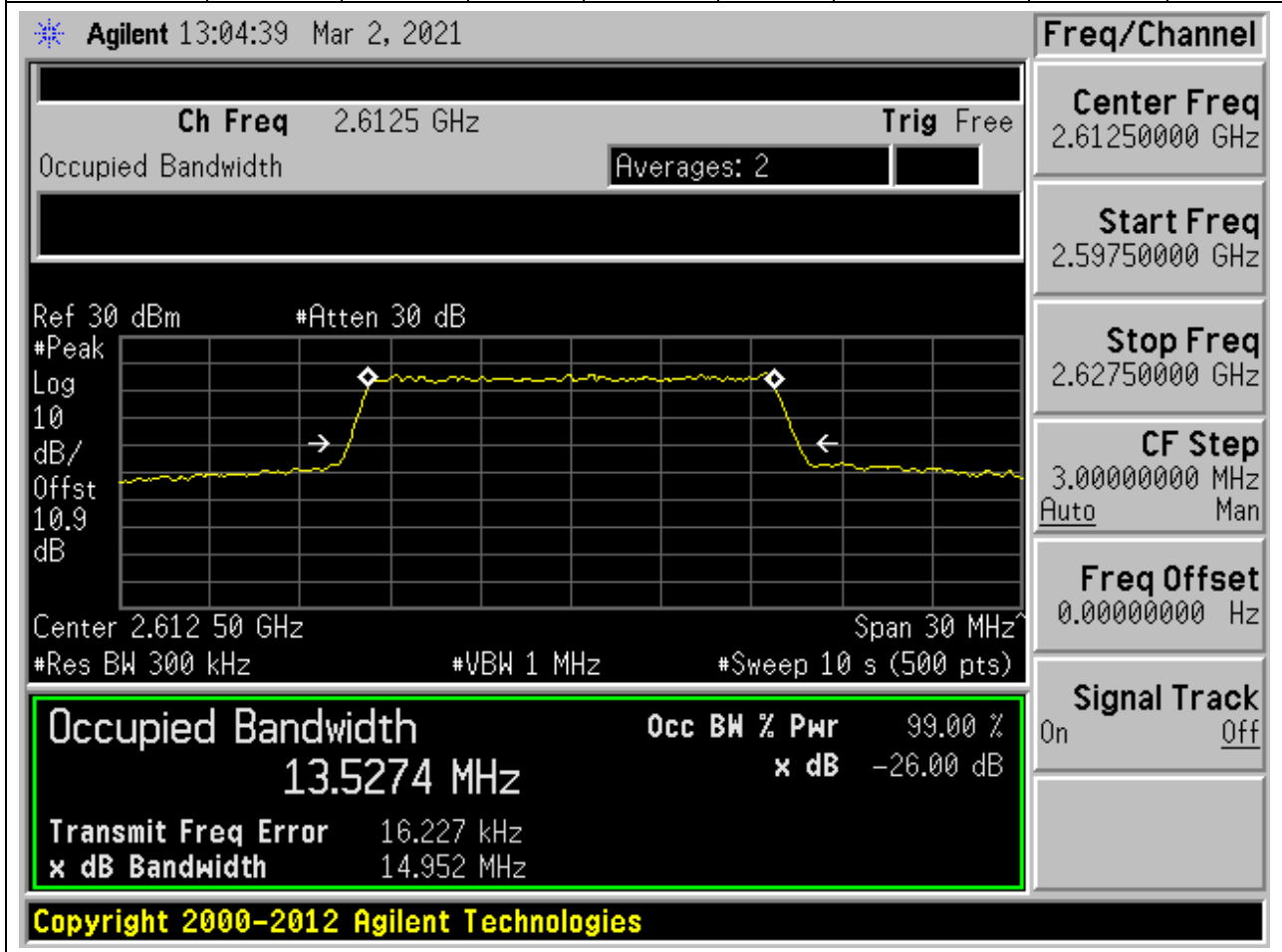
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

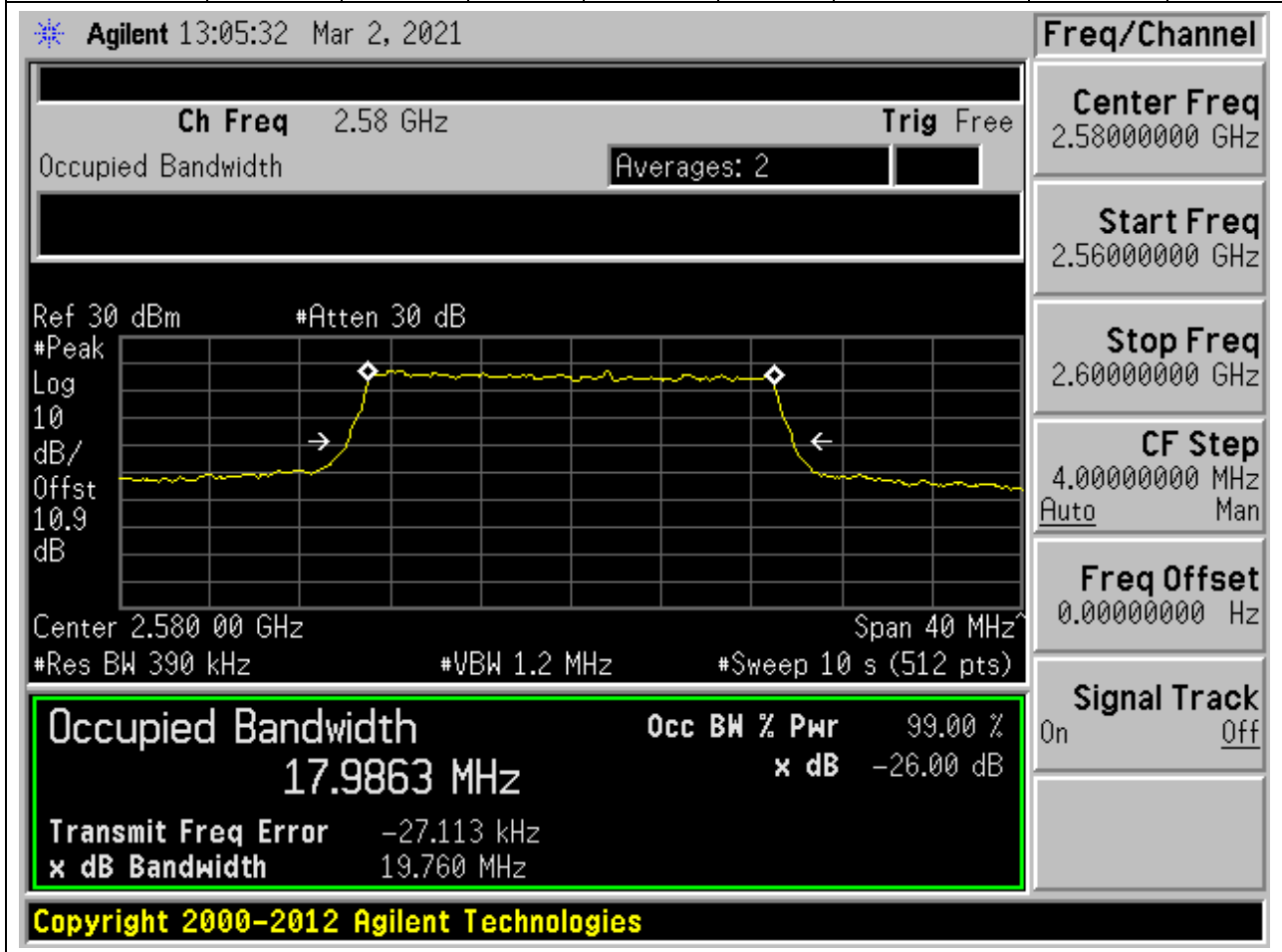
**16.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:38175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.53	14.95	15	Pass



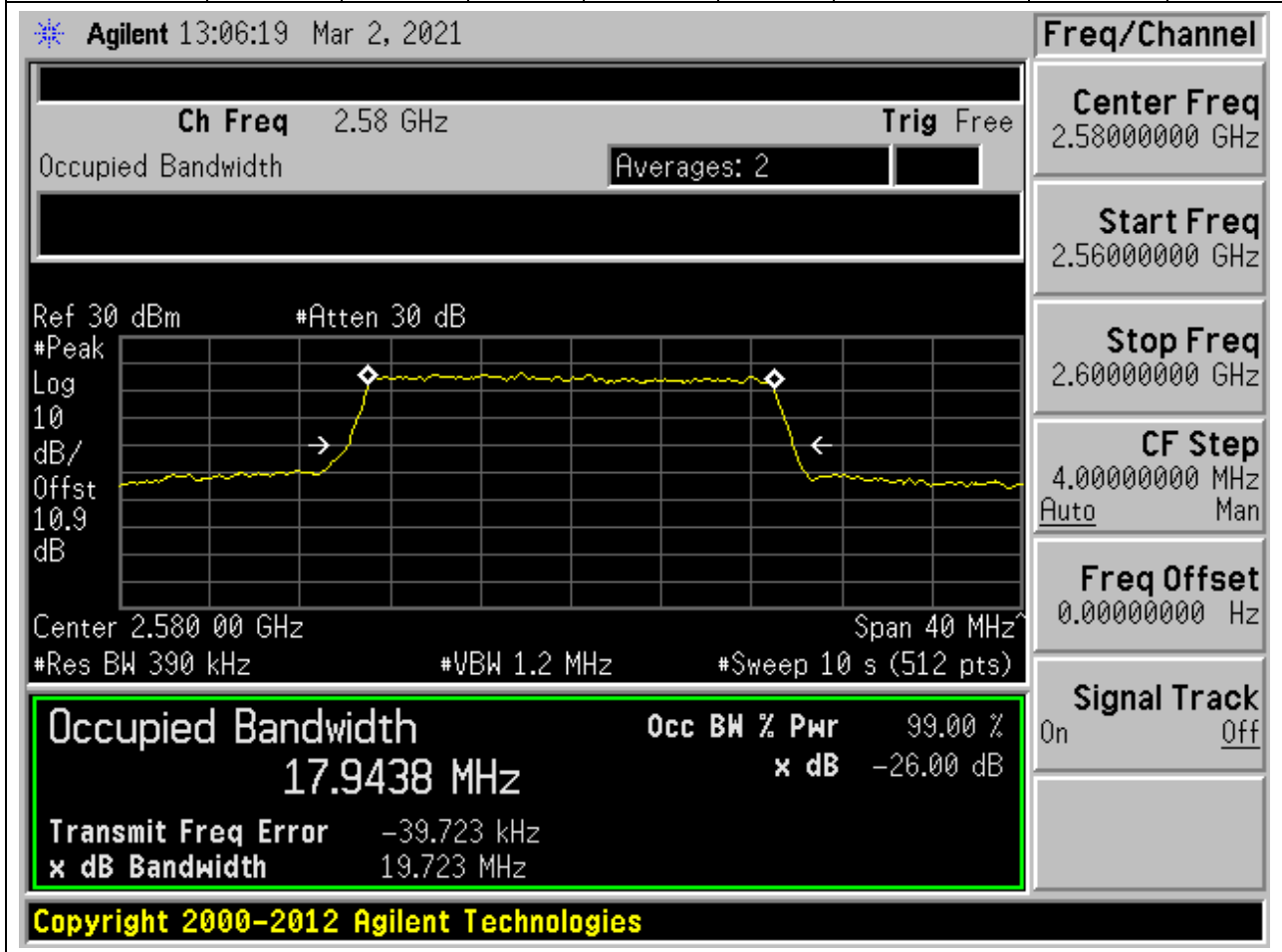
**16.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.99	19.76	20	Pass



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

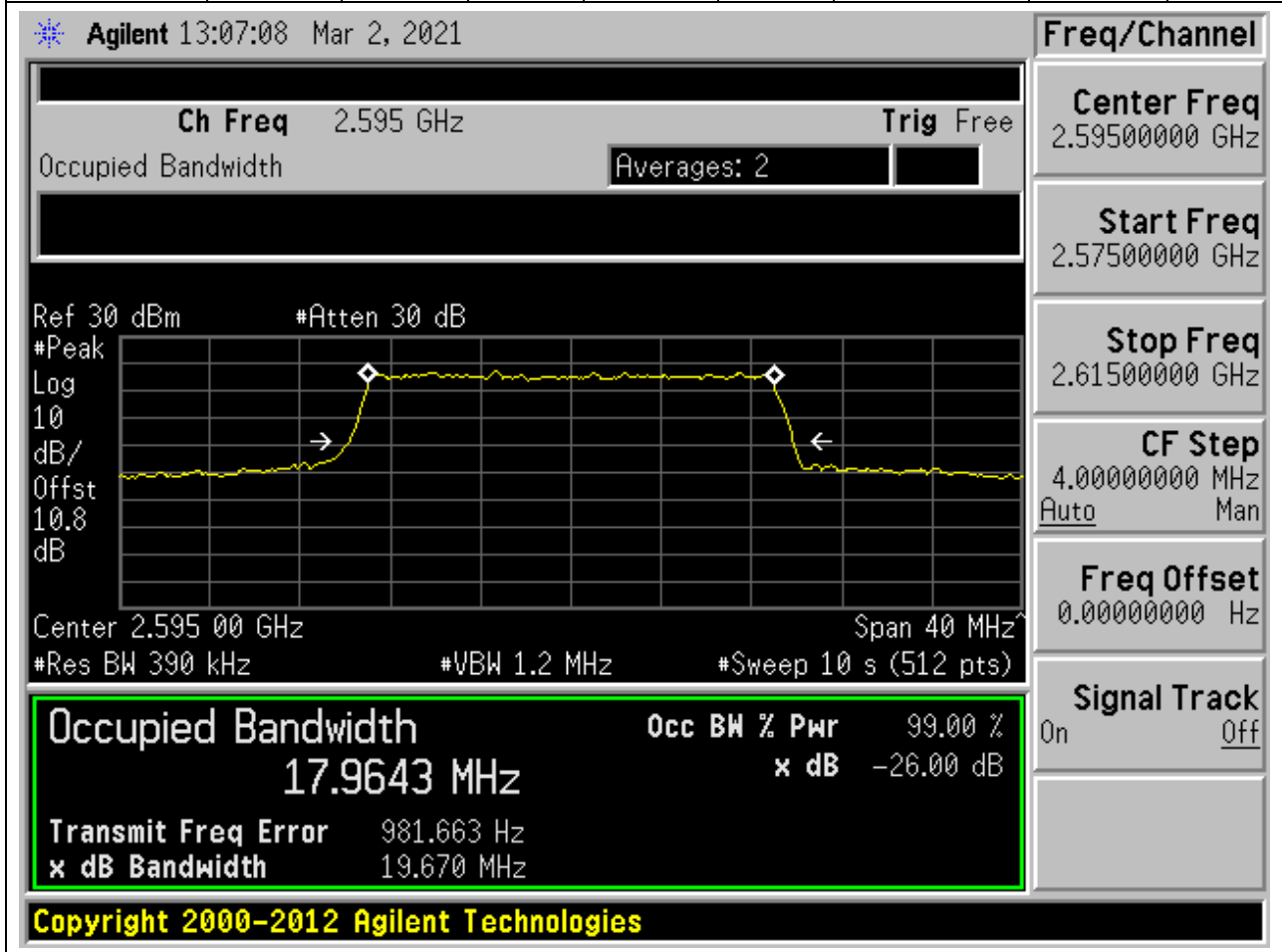
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.94	19.72	20	Pass





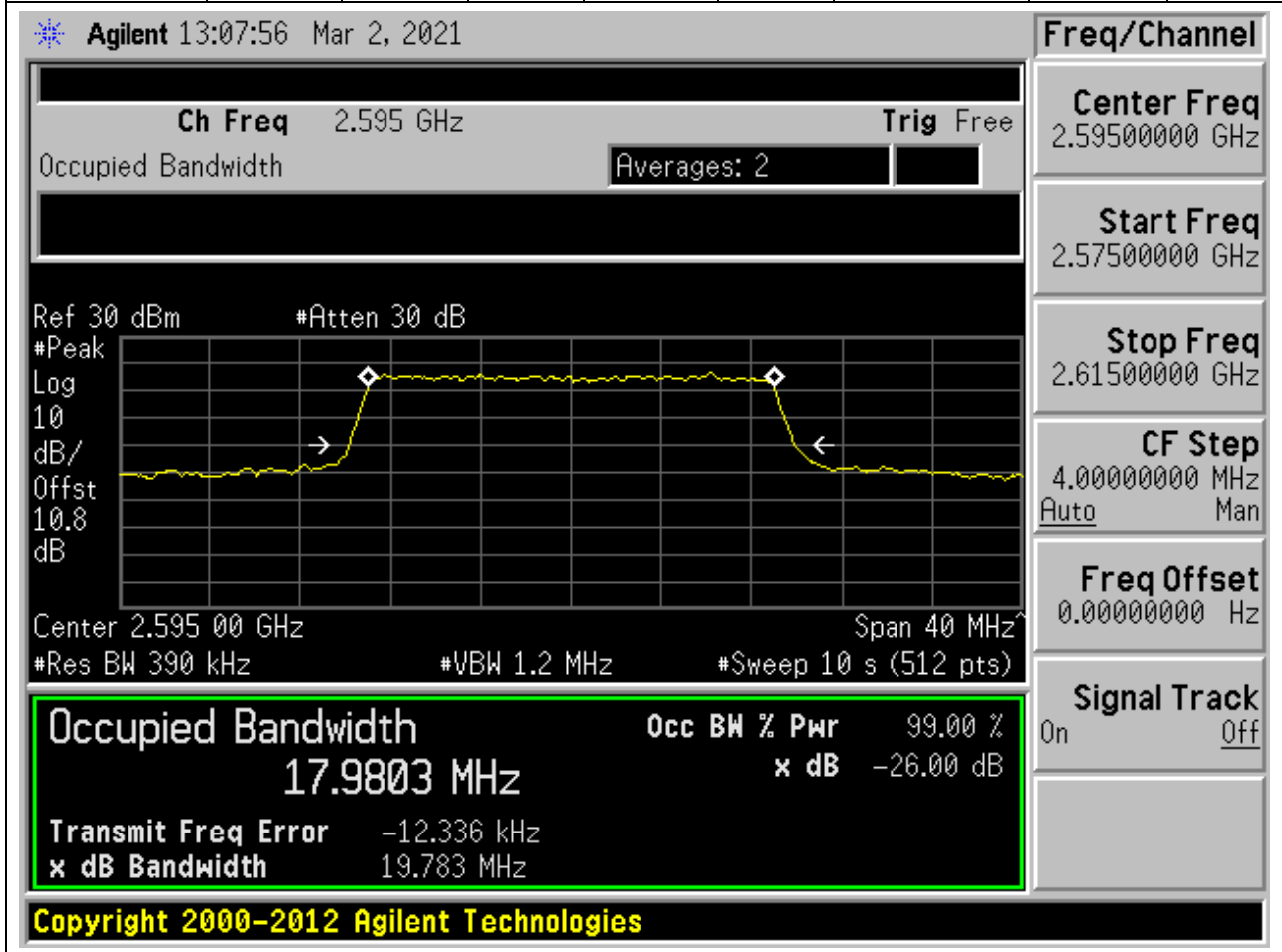
**16.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.96	19.67	20	Pass



**16.22. 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	17.98	19.78	20	Pass



**16.23. 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	17.99	19.93	20	Pass

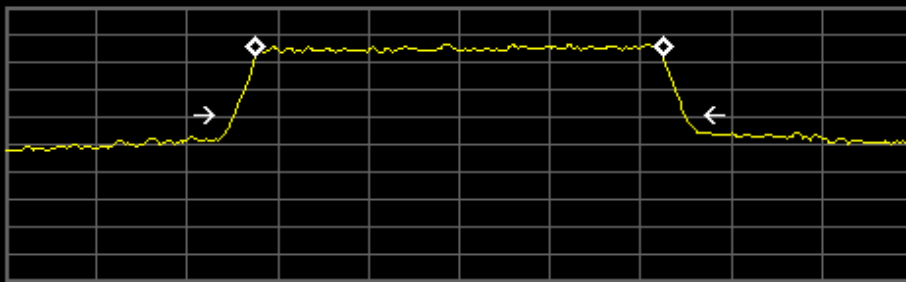
**Agilent** 13:08:45 Mar 2, 2021

**Ch Freq** 2.61 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.9 dB



Center 2.610 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.985 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.980 kHz	
<b>x dB Bandwidth</b>	19.933 MHz	

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**Freq/Channel**

**Center Freq**  
2.61000000 GHz

**Start Freq**  
2.59000000 GHz

**Stop Freq**  
2.63000000 GHz

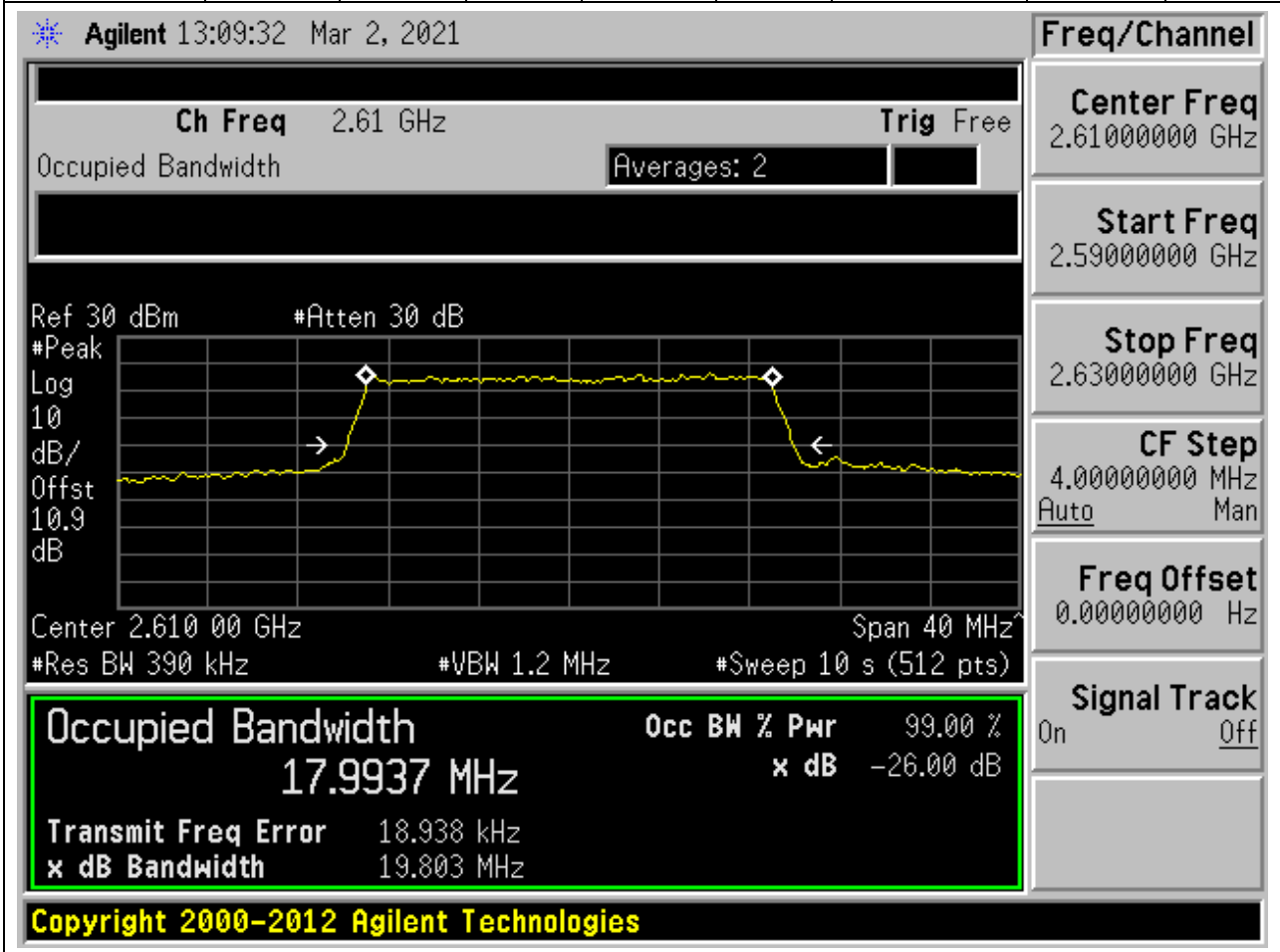
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

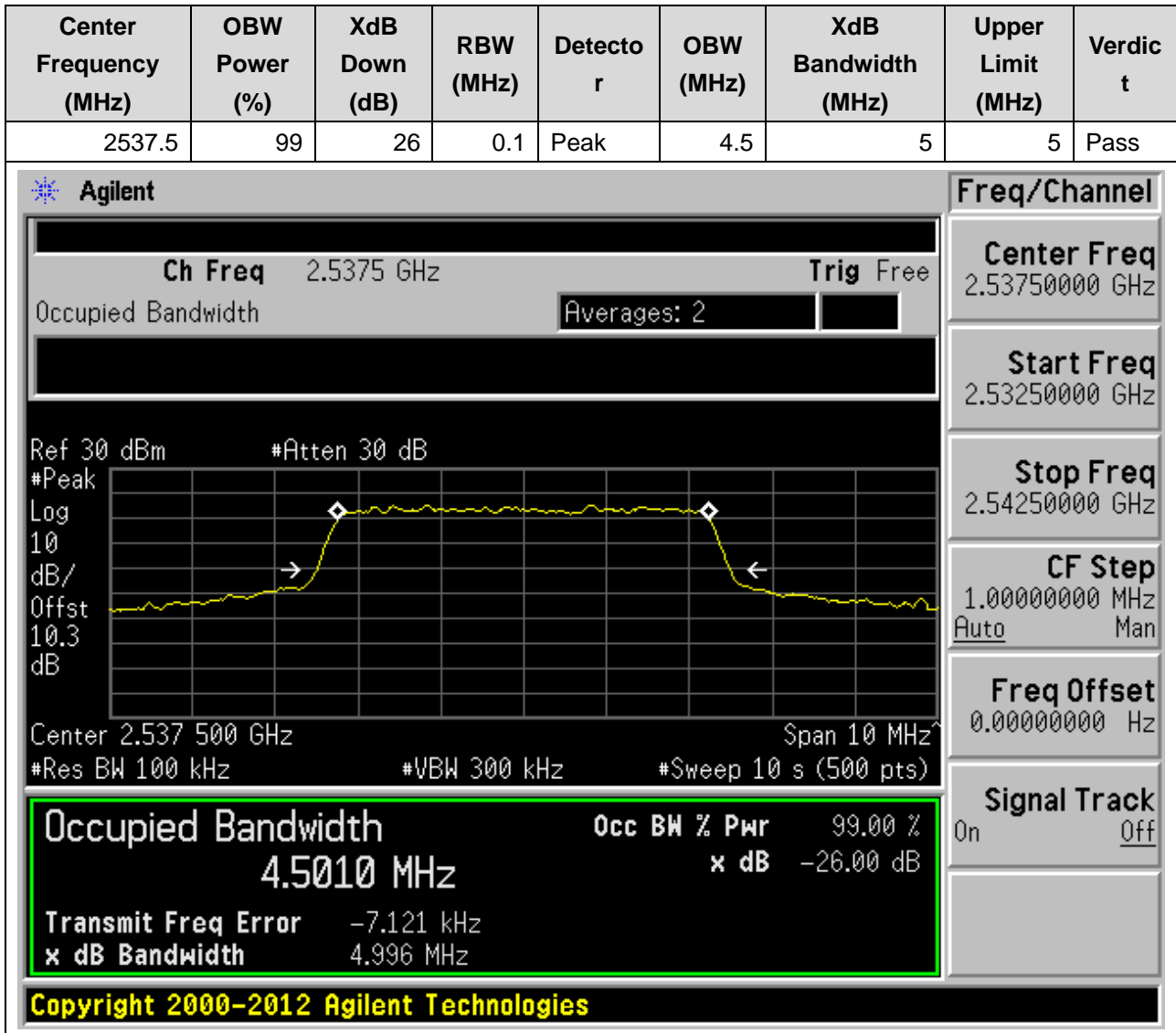
**16.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.99	19.8	20	Pass



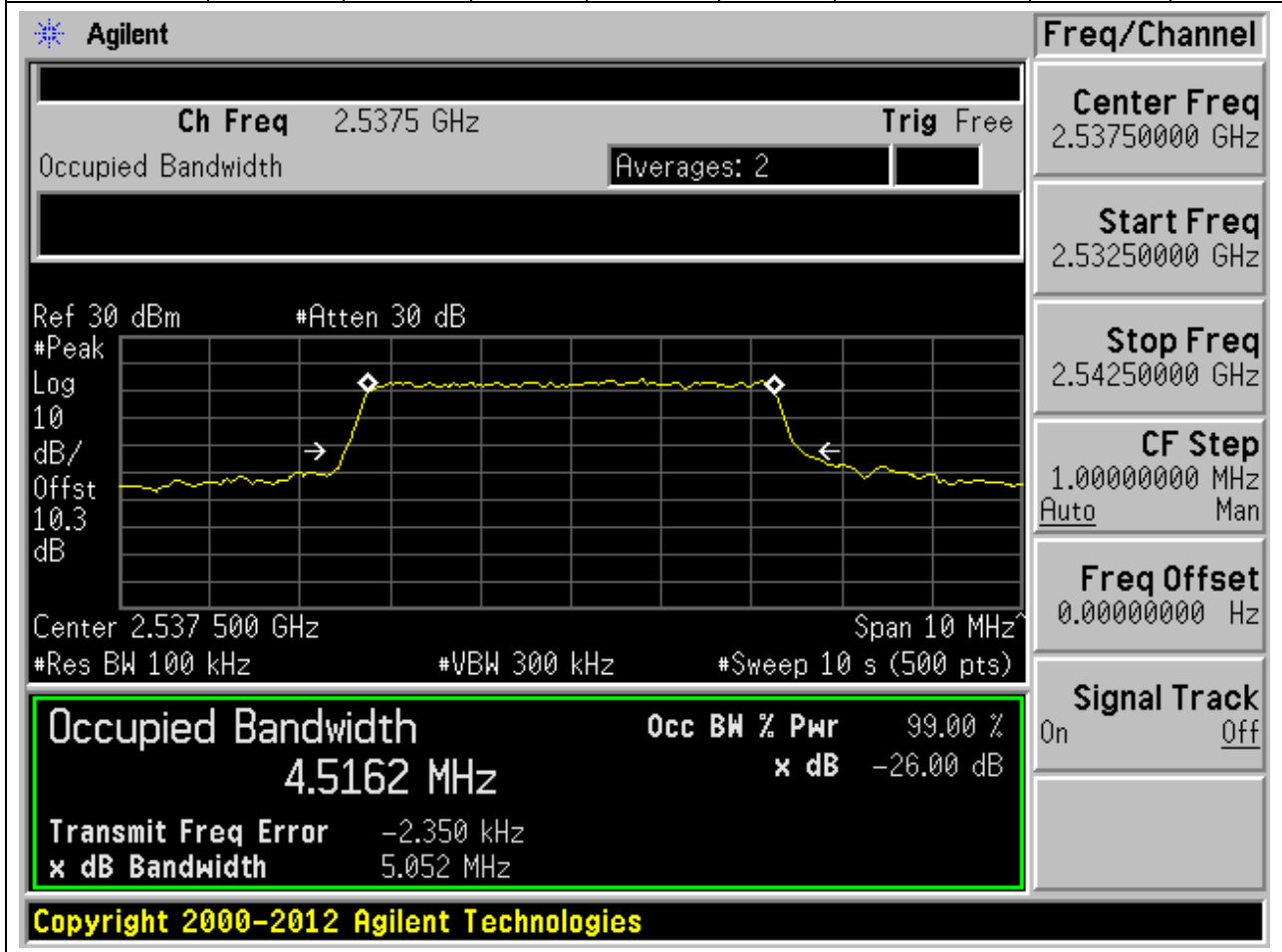
## 17. LTE\_Band41 120M OPPO

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



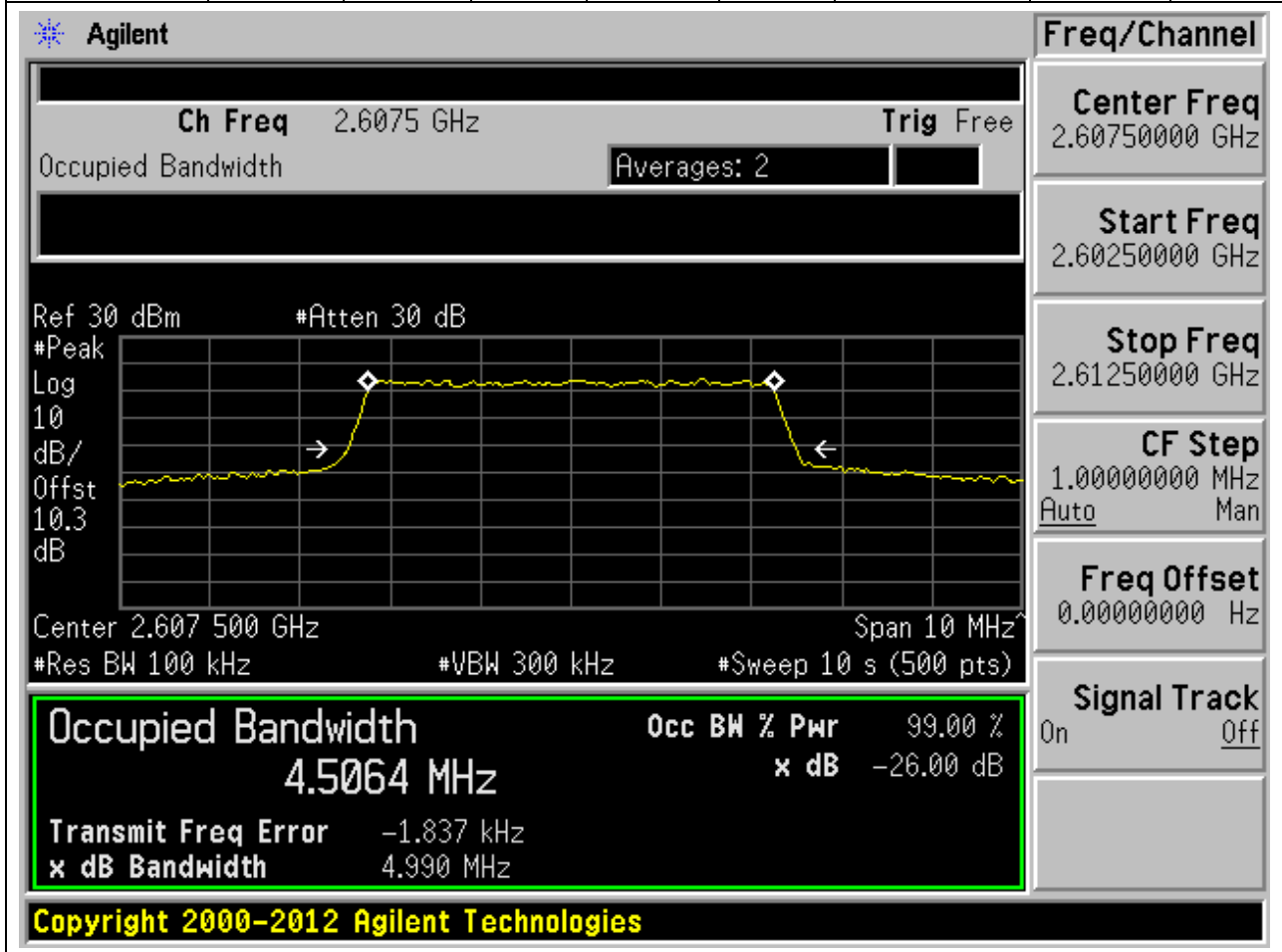
17.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:40065, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2537.5	99	26	0.1	Peak	4.52	5.05	5	Pass



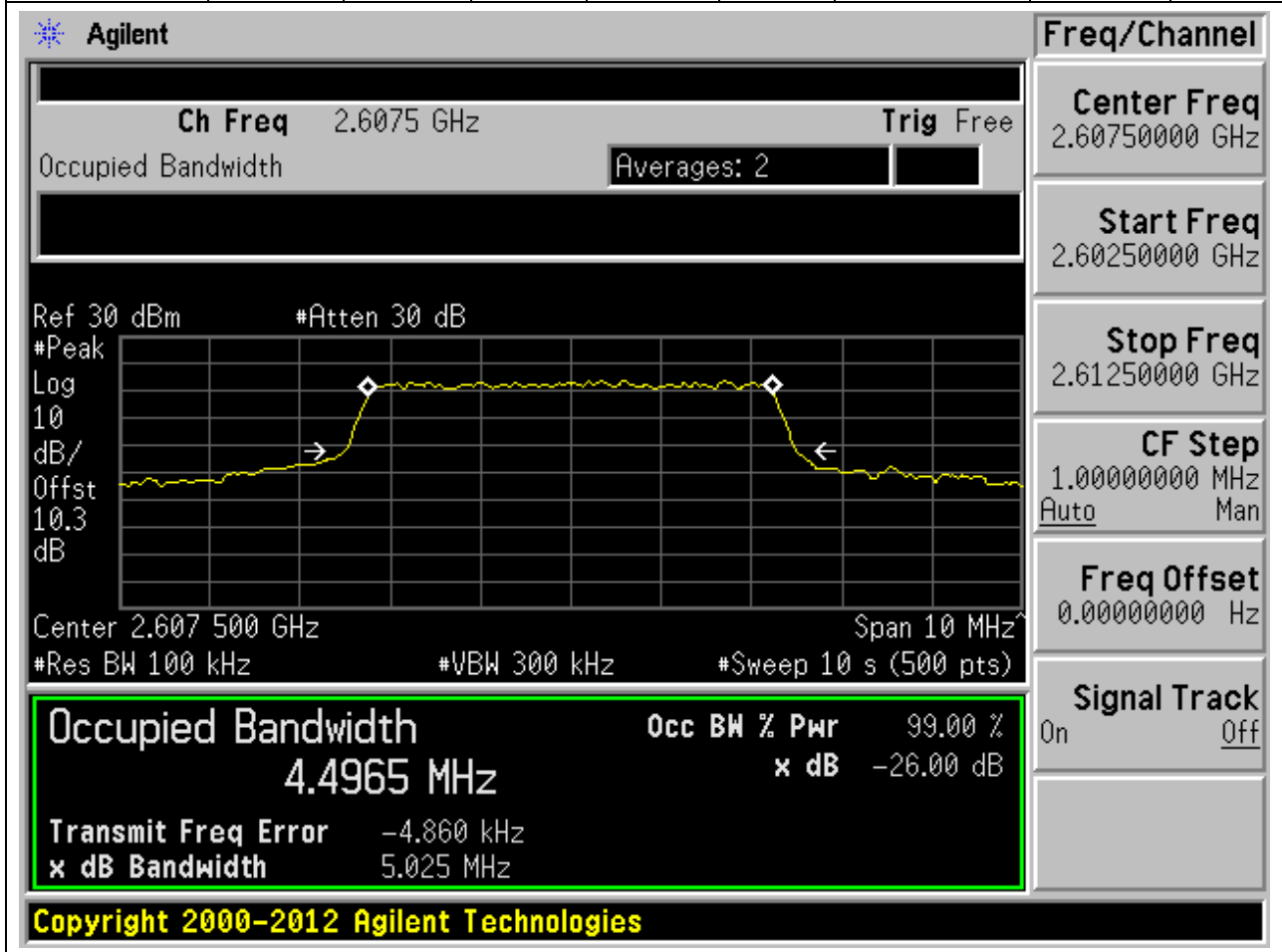
**17.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:40765, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.1	Peak	4.51	4.99	5	Pass



17.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:40765, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.1	Peak	4.5	5.03	5	Pass





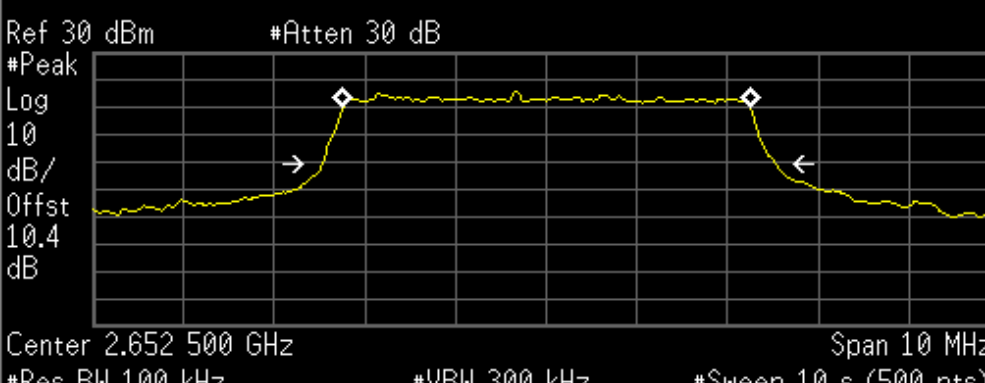
**17.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2652.5	99	26	0.1	Peak	4.49	5	5	Pass

**Agilent**

Ch Freq 2.6525 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 2.652 500 GHz Span 10 MHz

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

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

**4.4901 MHz** x dB -26.00 dB

Transmit Freq Error -943.854 Hz

x dB Bandwidth 4.998 MHz

**Freq/Channel**

Center Freq 2.65250000 GHz

Start Freq 2.64750000 GHz

Stop Freq 2.65750000 GHz

CF Step 1.00000000 MHz

Auto Man

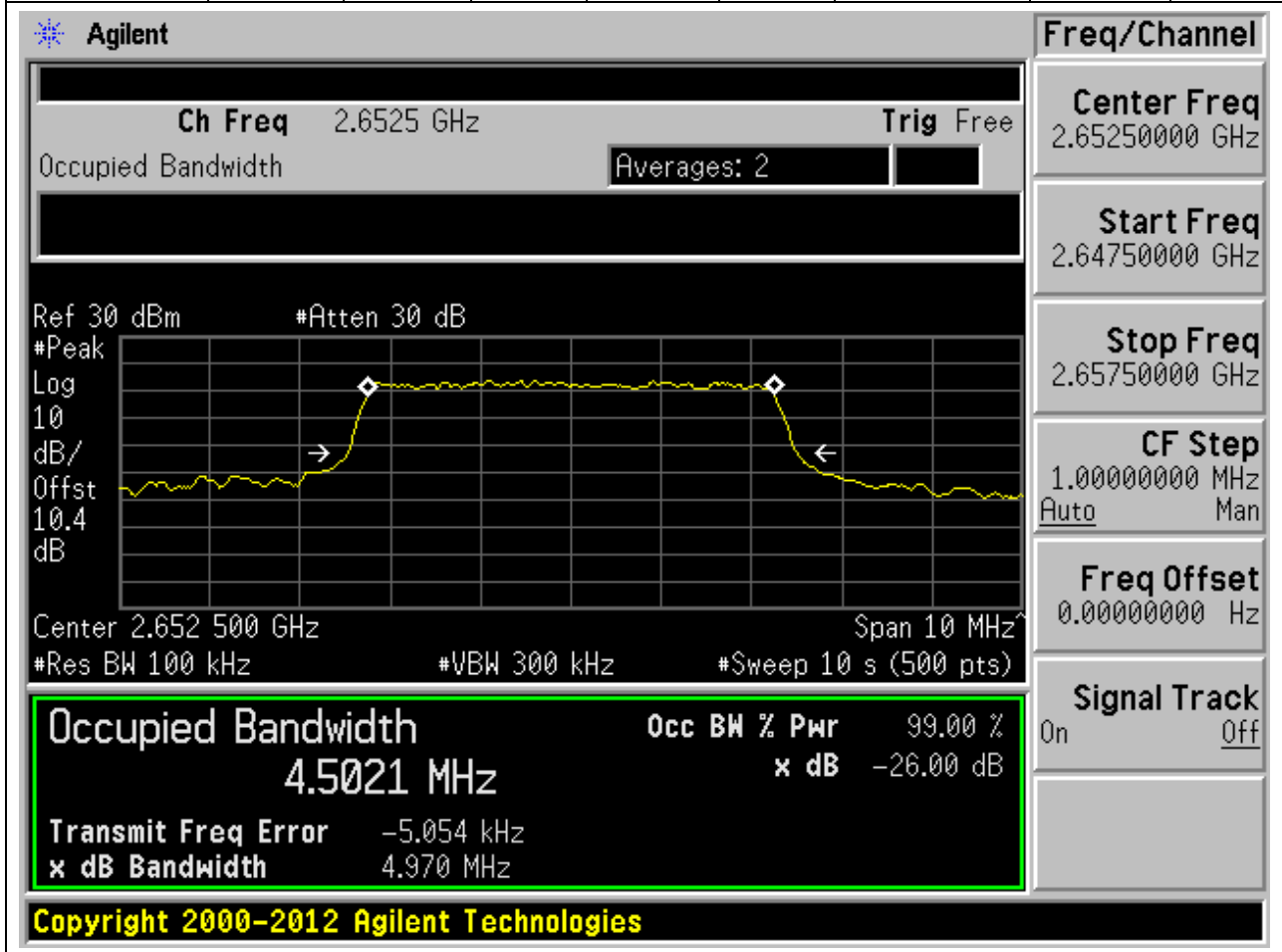
Freq Offset 0.00000000 Hz

Signal Track On Off

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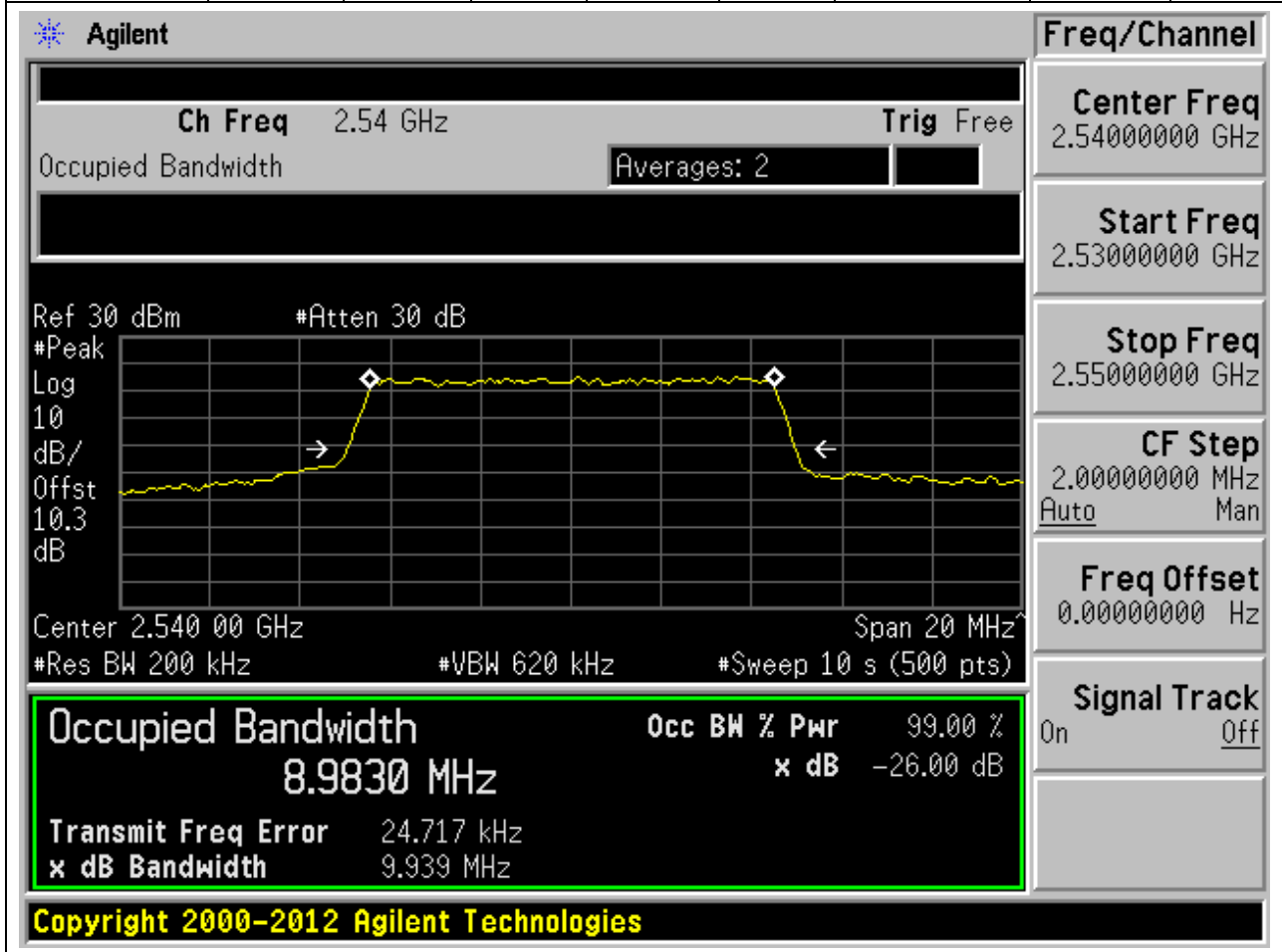
**17.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2652.5	99	26	0.1	Peak	4.5	4.97	5	Pass



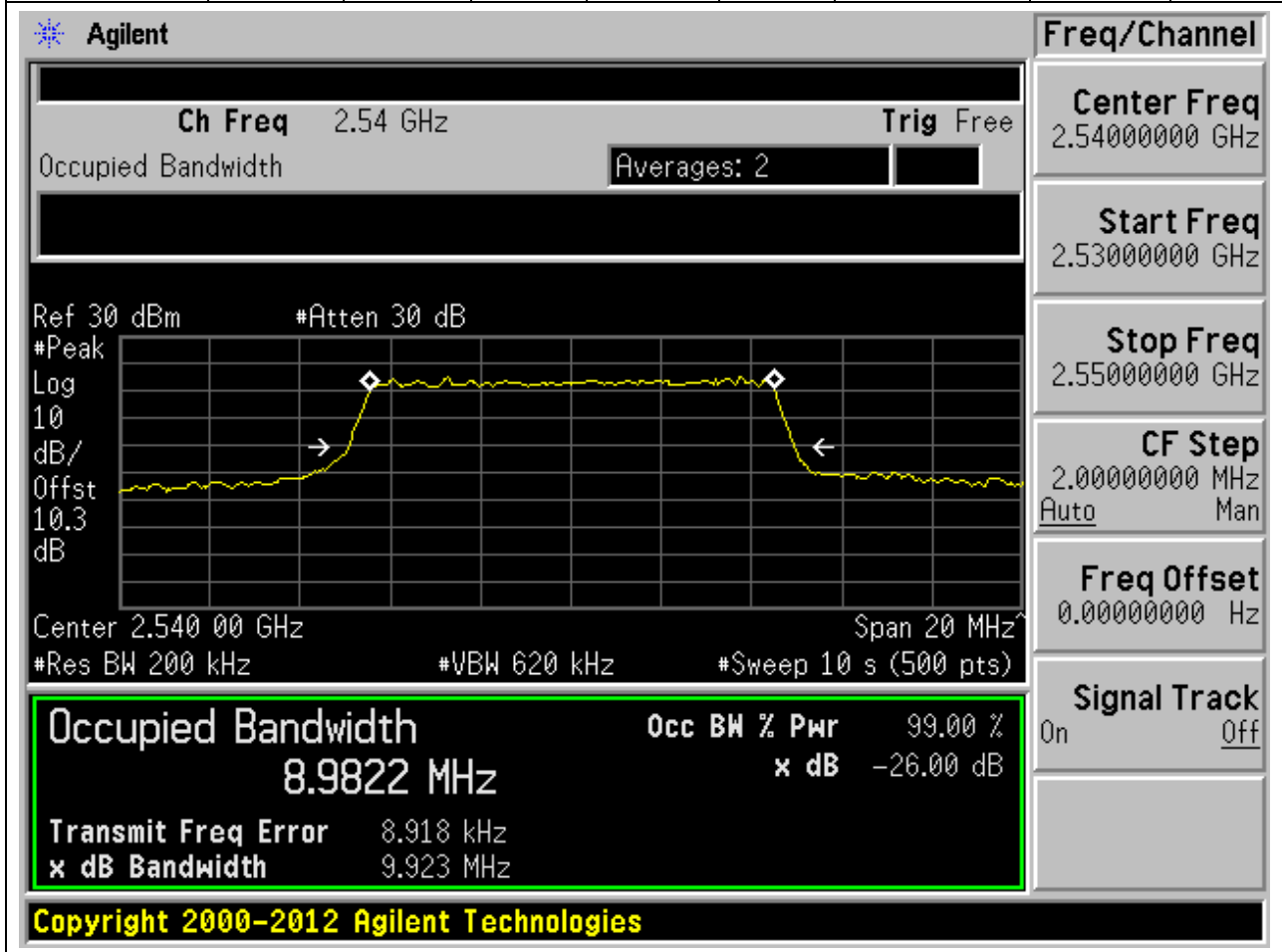
17.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:40090, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2540	99	26	0.2	Peak	8.98	9.94	10	Pass



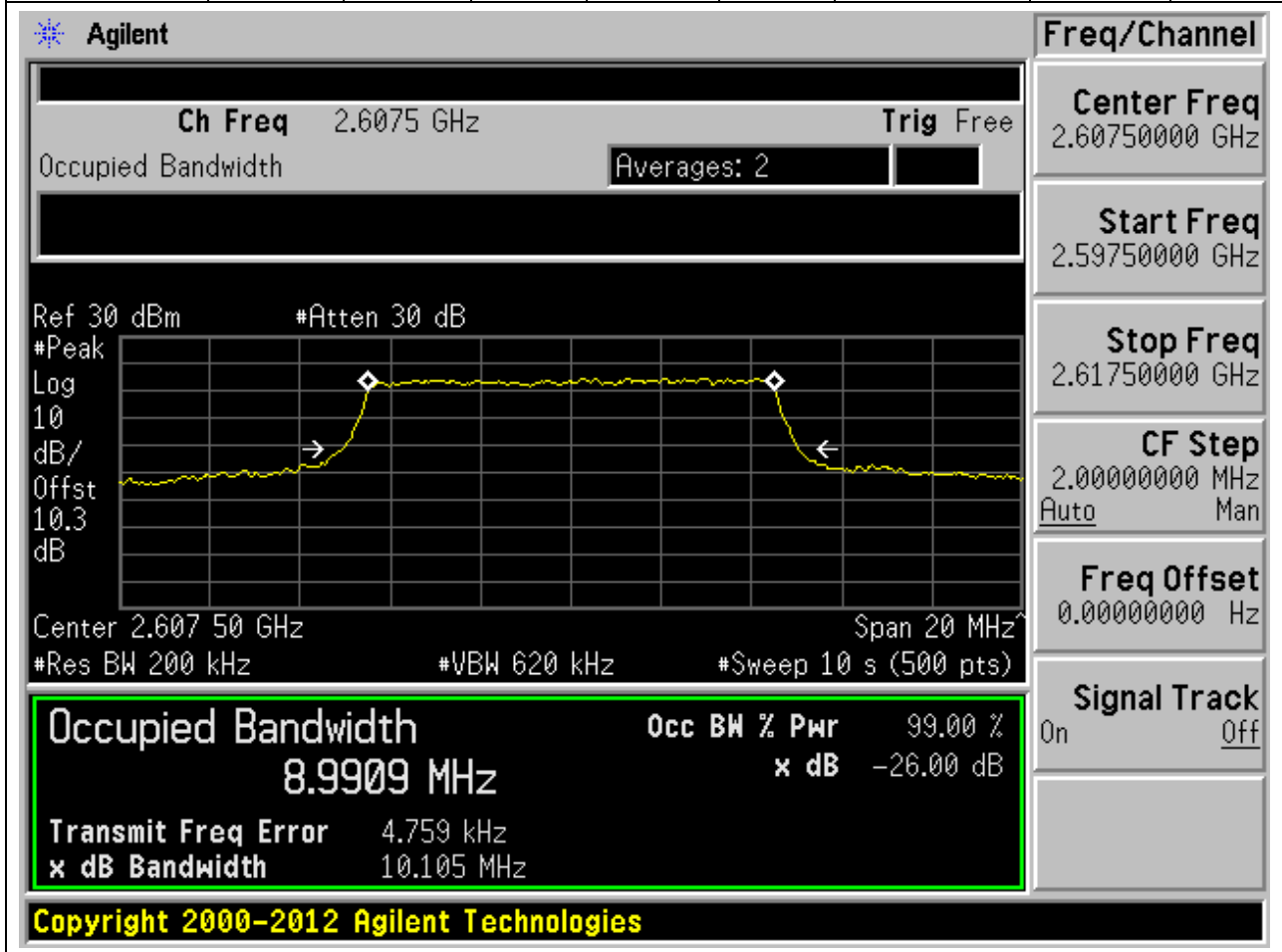
**17.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:40090, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2540	99	26	0.2	Peak	8.98	9.92	10	Pass



**17.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:40765, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.2	Peak	8.99	10.11	10	Pass



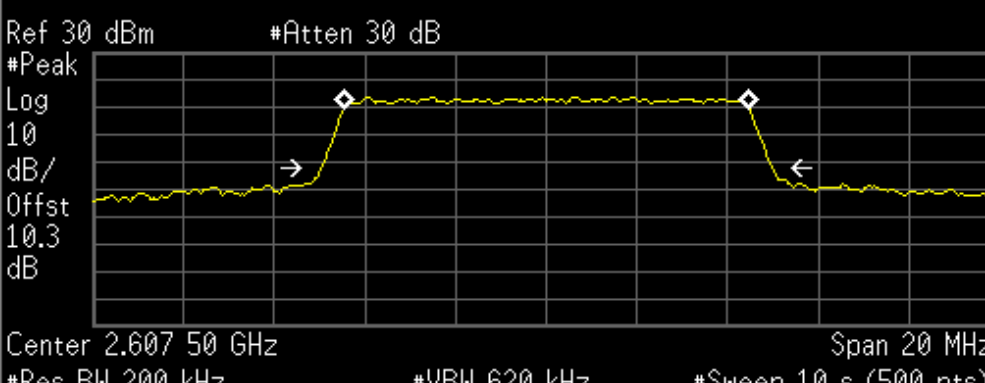
**17.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:40765, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.2	Peak	8.97	9.99	10	Pass

**Agilent**

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.607 50 GHz Span 20 MHz

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

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

8.9689 MHz x dB -26.00 dB

Transmit Freq Error 421.087 Hz

x dB Bandwidth 9.985 MHz

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**Freq/Channel**

Center Freq 2.60750000 GHz

Start Freq 2.59750000 GHz

Stop Freq 2.61750000 GHz

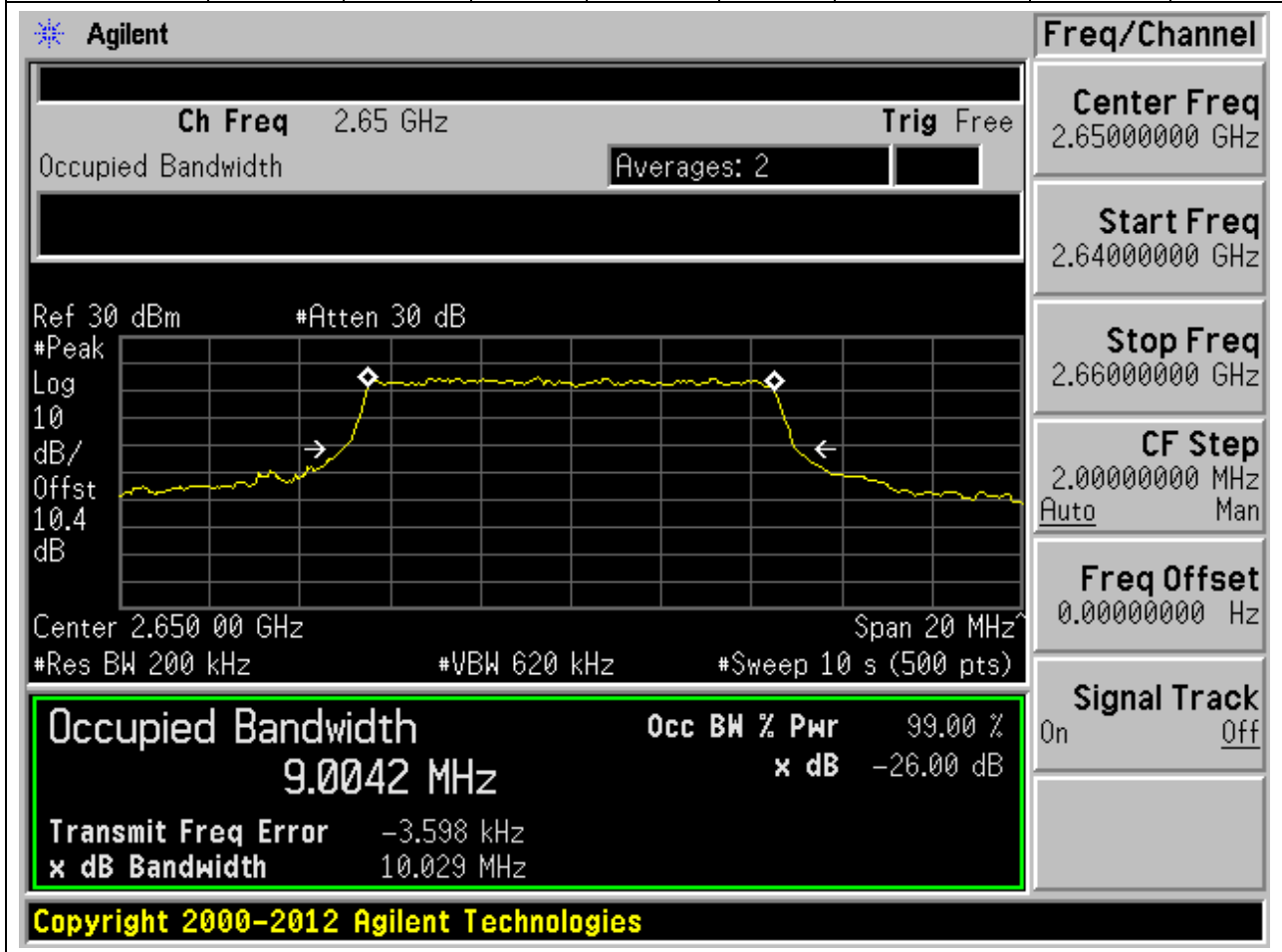
CF Step 2.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**17.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:41190, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2650	99	26	0.2	Peak	9	10.03	10	Pass



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

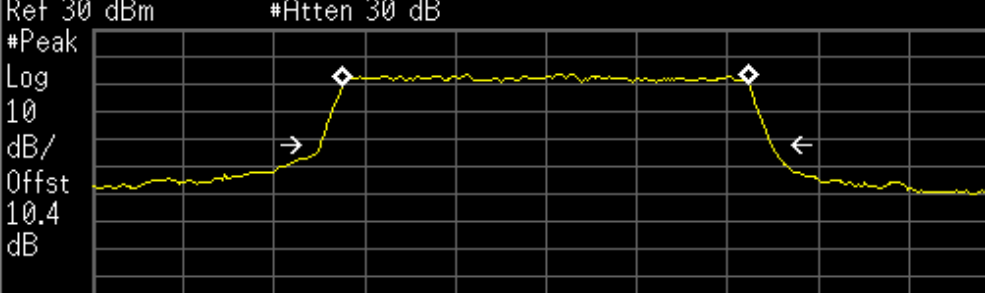
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2650	99	26	0.2	Peak	8.99	9.98	10	Pass

**Agilent**

Ch Freq 2.65 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.650 00 GHz Span 20 MHz

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

**Freq/Channel**

Center Freq 2.65000000 GHz

Start Freq 2.64000000 GHz

Stop Freq 2.66000000 GHz

CF Step 2.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

8.9899 MHz x dB -26.00 dB

Transmit Freq Error -19.426 kHz

x dB Bandwidth 9.981 MHz

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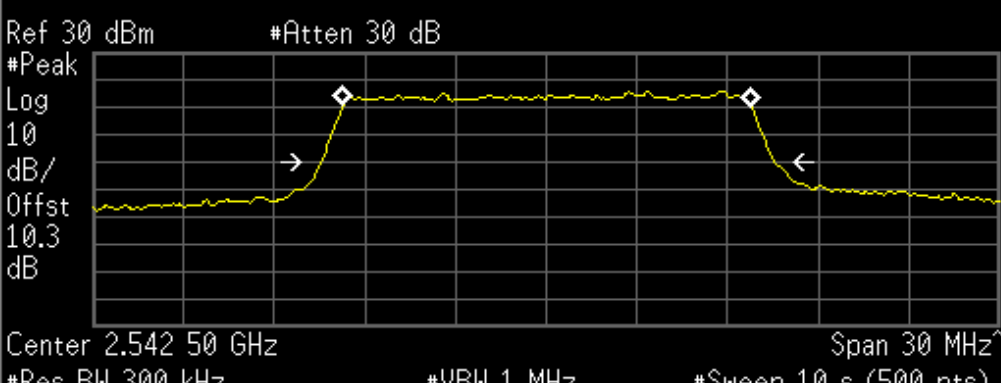
**17.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:40115, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2542.5	99	26	0.3	Peak	13.51	15.03	15	Pass

**Agilent**

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 2



Center 2.542 50 GHz Span 30 MHz

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

**Freq/Channel**

Center Freq 2.54250000 GHz

Start Freq 2.52750000 GHz

Stop Freq 2.55750000 GHz

CF Step 3.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**13.5130 MHz** x dB -26.00 dB

Transmit Freq Error 21.581 kHz

x dB Bandwidth 15.030 MHz

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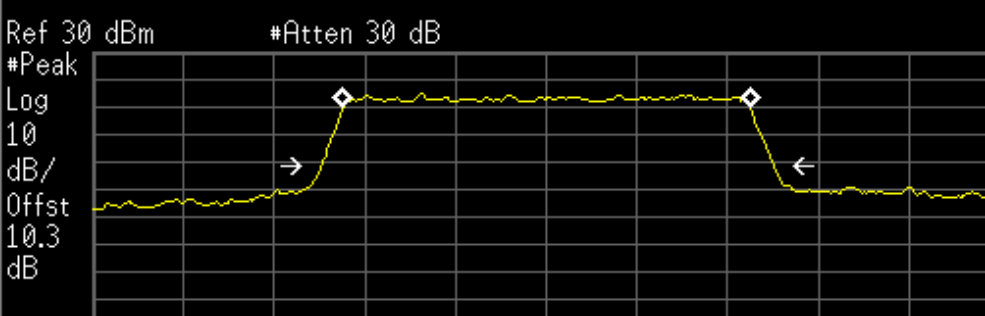
**17.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:40115, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2542.5	99	26	0.3	Peak	13.48	15.01	15	Pass

**Agilent**

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.542 50 GHz Span 30 MHz

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

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

**13.4780 MHz** x dB -26.00 dB

Transmit Freq Error 4.306 kHz

x dB Bandwidth 15.013 MHz

**Freq/Channel**

Center Freq 2.54250000 GHz

Start Freq 2.52750000 GHz

Stop Freq 2.55750000 GHz

CF Step 3.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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17.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:40765, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

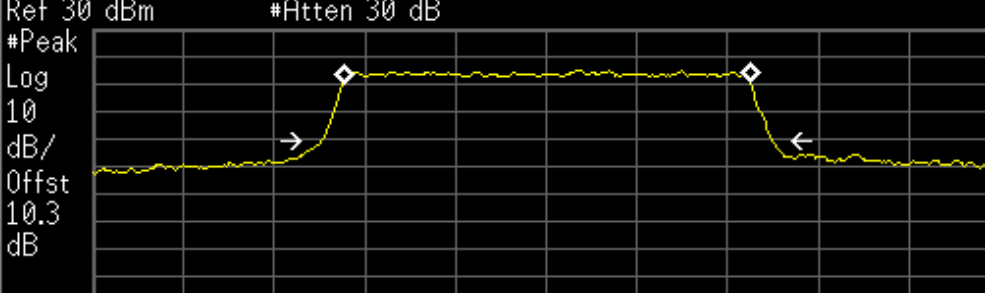
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.3	Peak	13.47	14.99	15	Pass

**Agilent**

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.607 50 GHz Span 30 MHz

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

**Freq/Channel**

Center Freq 2.60750000 GHz

Start Freq 2.59250000 GHz

Stop Freq 2.62250000 GHz

CF Step 3.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

13.4691 MHz x dB -26.00 dB

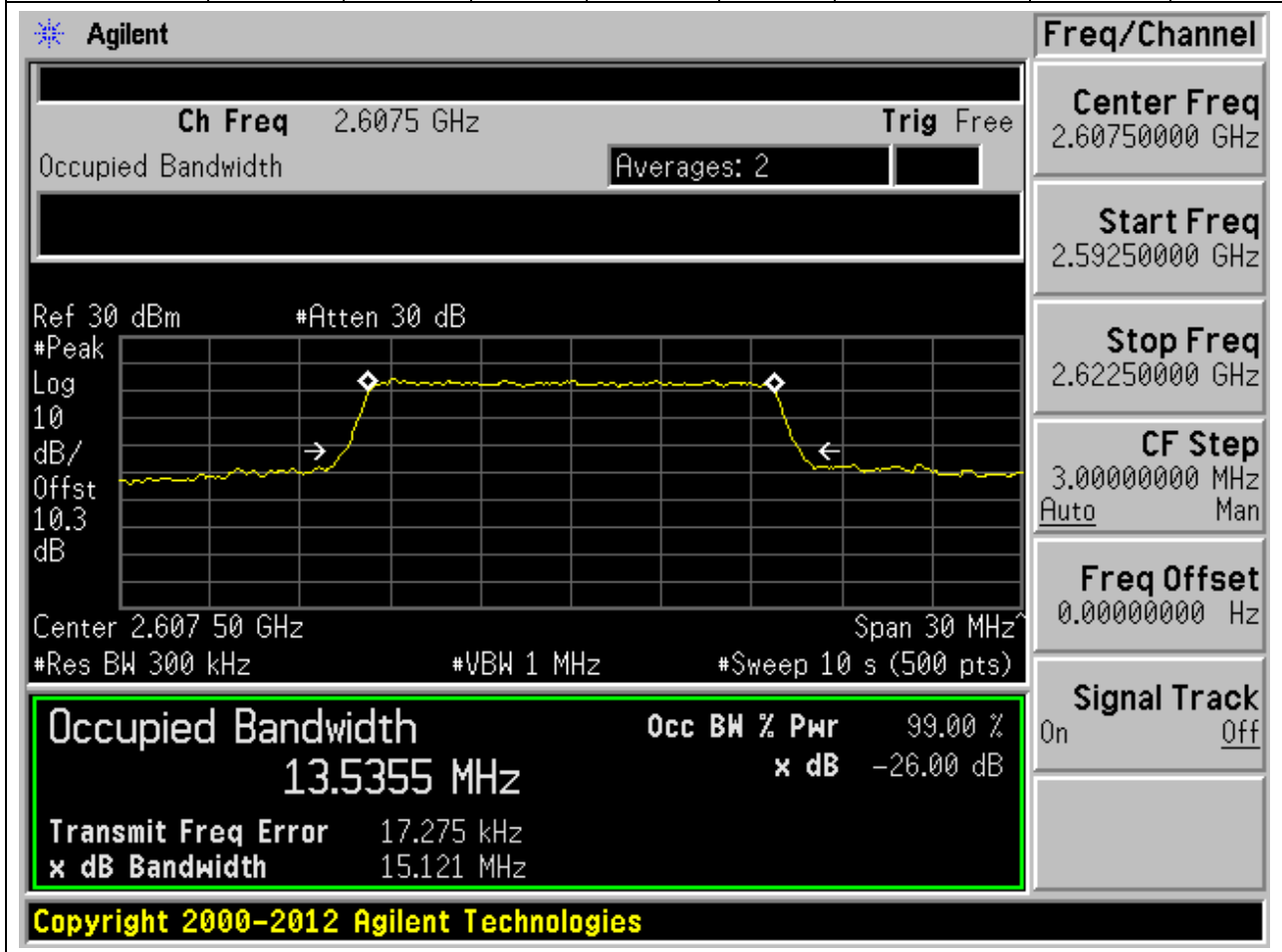
Transmit Freq Error 9.269 kHz

x dB Bandwidth 14.987 MHz

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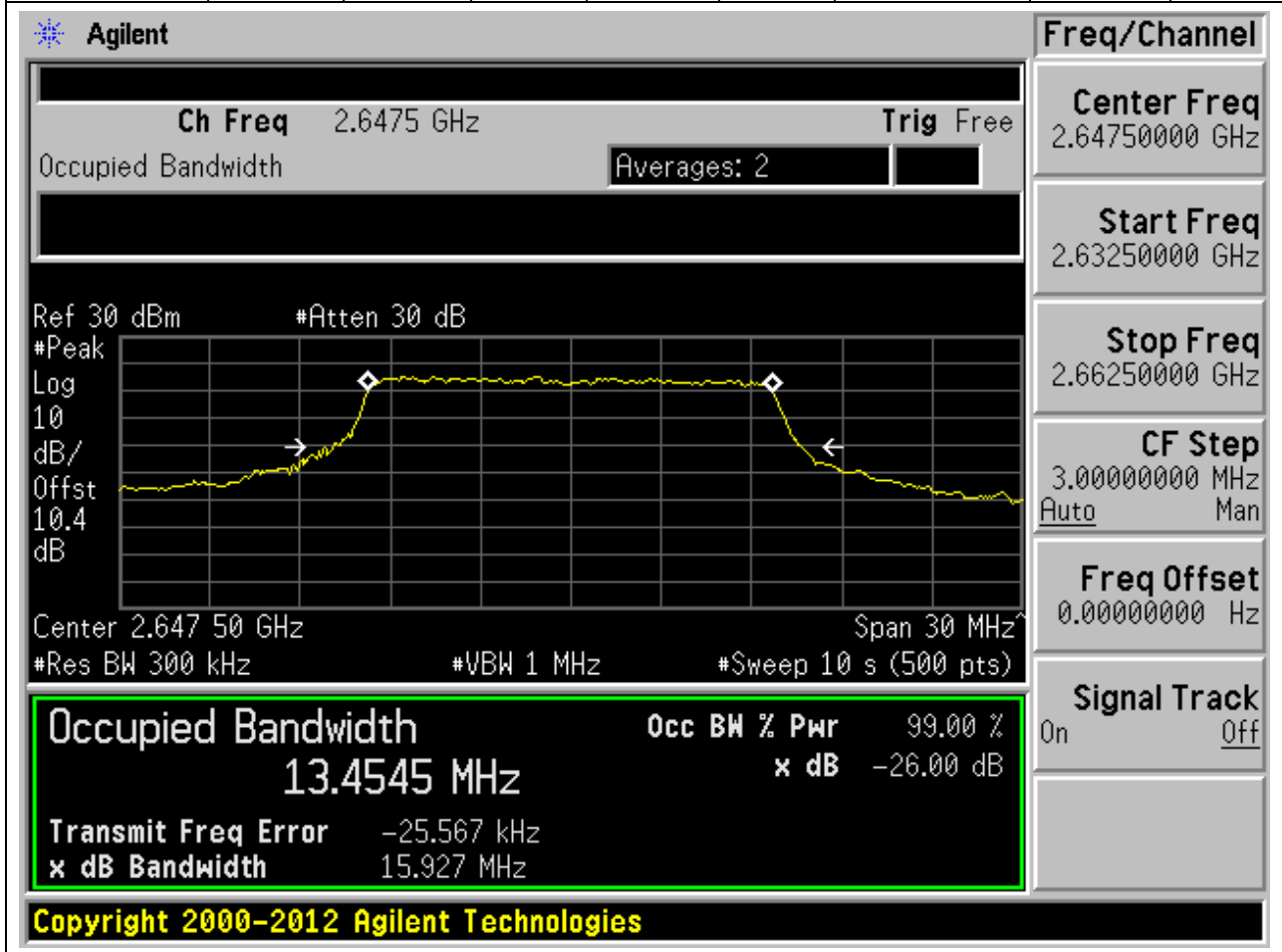
17.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:40765, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.3	Peak	13.54	15.12	15	Pass



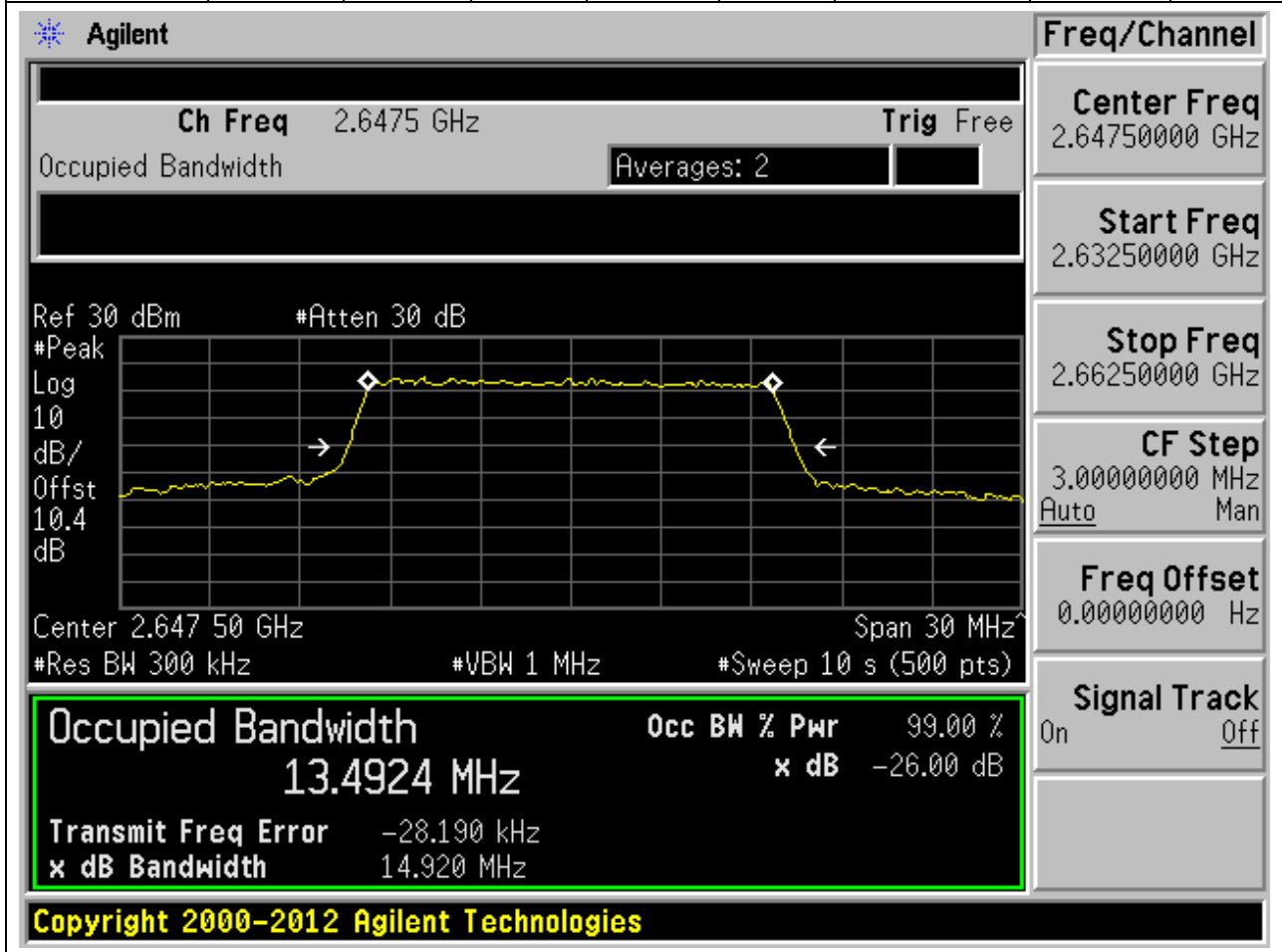
**17.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:41165, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2647.5	99	26	0.3	Peak	13.45	15.93	15	Pass



**17.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:41165, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2647.5	99	26	0.3	Peak	13.49	14.92	15	Pass



**17.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:40140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

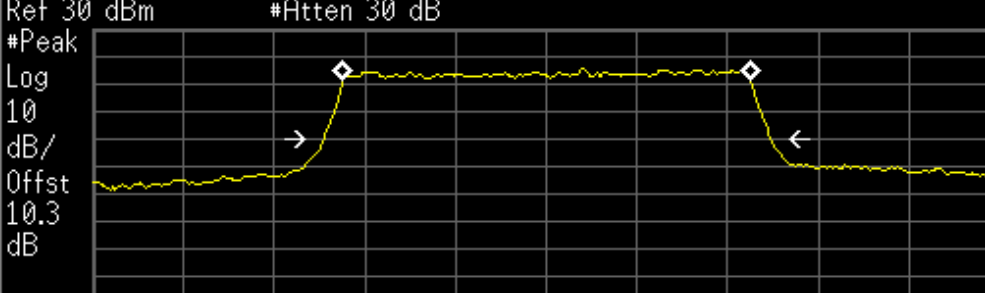
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2545	99	26	0.39	Peak	17.99	19.75	20	Pass

**Agilent**

Ch Freq 2.545 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.545 00 GHz Span 40 MHz

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

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

**17.9904 MHz** x dB -26.00 dB

Transmit Freq Error 25.966 kHz

x dB Bandwidth 19.748 MHz

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**Freq/Channel**

Center Freq 2.54500000 GHz

Start Freq 2.52500000 GHz

Stop Freq 2.56500000 GHz

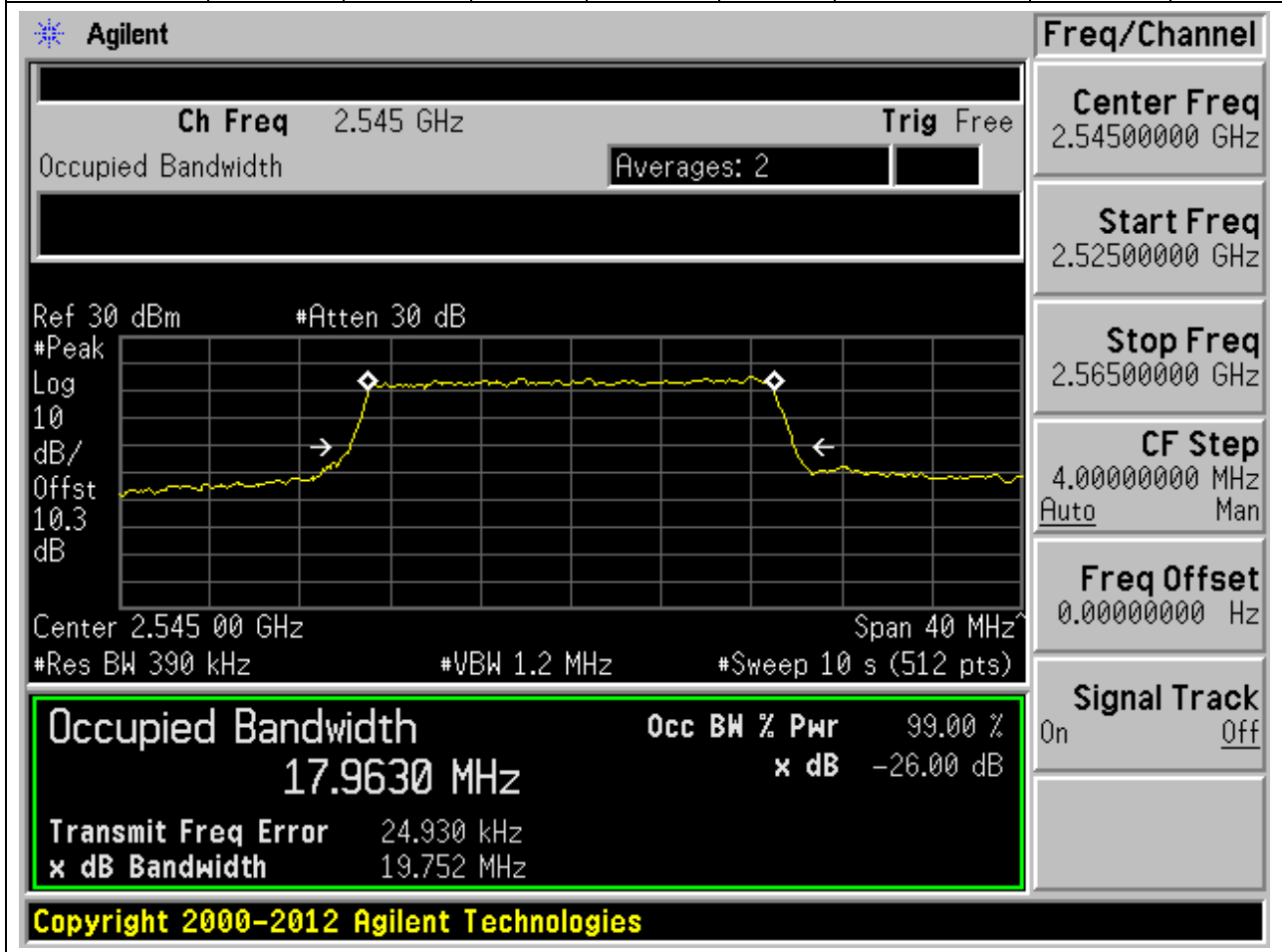
CF Step 4.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**17.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:40140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2545	99	26	0.39	Peak	17.96	19.75	20	Pass





**17.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:40765, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

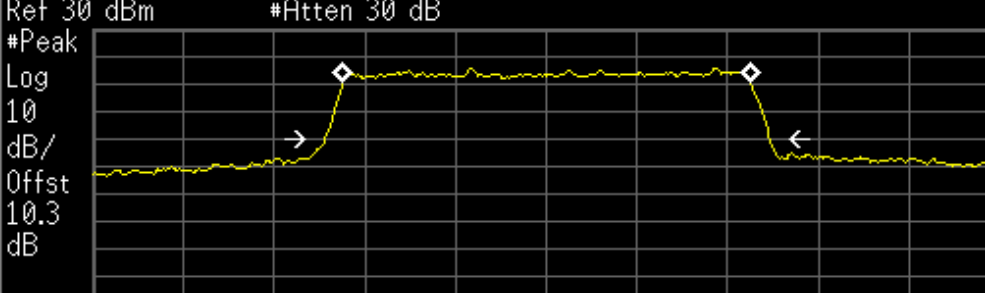
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.39	Peak	17.99	19.66	20	Pass

**Agilent**

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB



Center 2.607 50 GHz Span 40 MHz

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

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

17.9905 MHz x dB -26.00 dB

Transmit Freq Error 38.264 kHz

x dB Bandwidth 19.664 MHz

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**Freq/Channel**

Center Freq 2.60750000 GHz

Start Freq 2.58750000 GHz

Stop Freq 2.62750000 GHz

CF Step 4.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

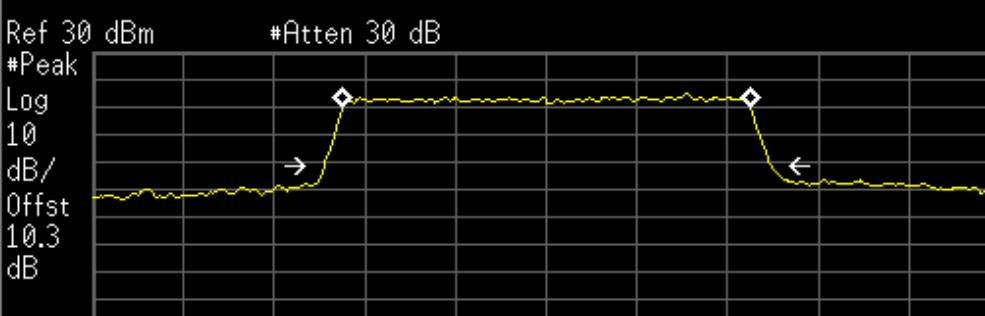
**17.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40765, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	0.39	Peak	17.99	19.75	20	Pass

**Agilent**

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.607 50 GHz Span 40 MHz

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

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

**17.9931 MHz** x dB -26.00 dB

Transmit Freq Error 15.008 kHz

x dB Bandwidth 19.747 MHz

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**Freq/Channel**

Center Freq 2.60750000 GHz

Start Freq 2.58750000 GHz

Stop Freq 2.62750000 GHz

CF Step 4.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

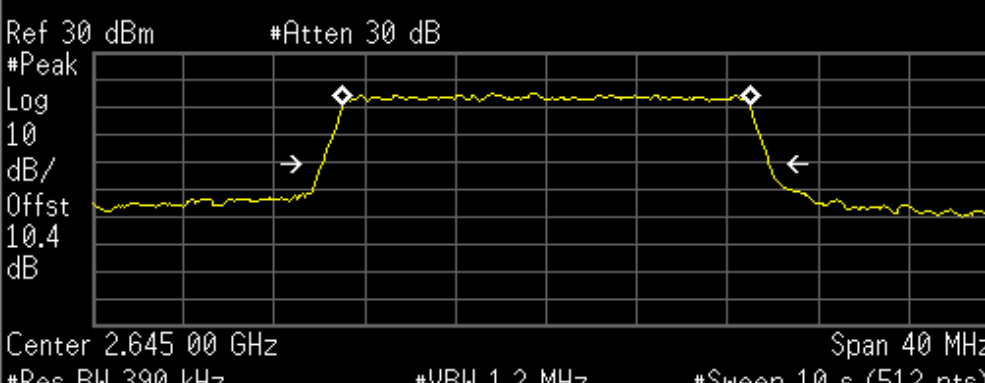
**17.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:41140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2645	99	26	0.39	Peak	17.95	19.78	20	Pass

**Agilent**

Ch Freq 2.645 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 2.645 00 GHz Span 40 MHz

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

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

17.9510 MHz x dB -26.00 dB

Transmit Freq Error -9.521 kHz

x dB Bandwidth 19.782 MHz

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**Freq/Channel**

Center Freq 2.64500000 GHz

Start Freq 2.62500000 GHz

Stop Freq 2.66500000 GHz

CF Step 4.00000000 MHz

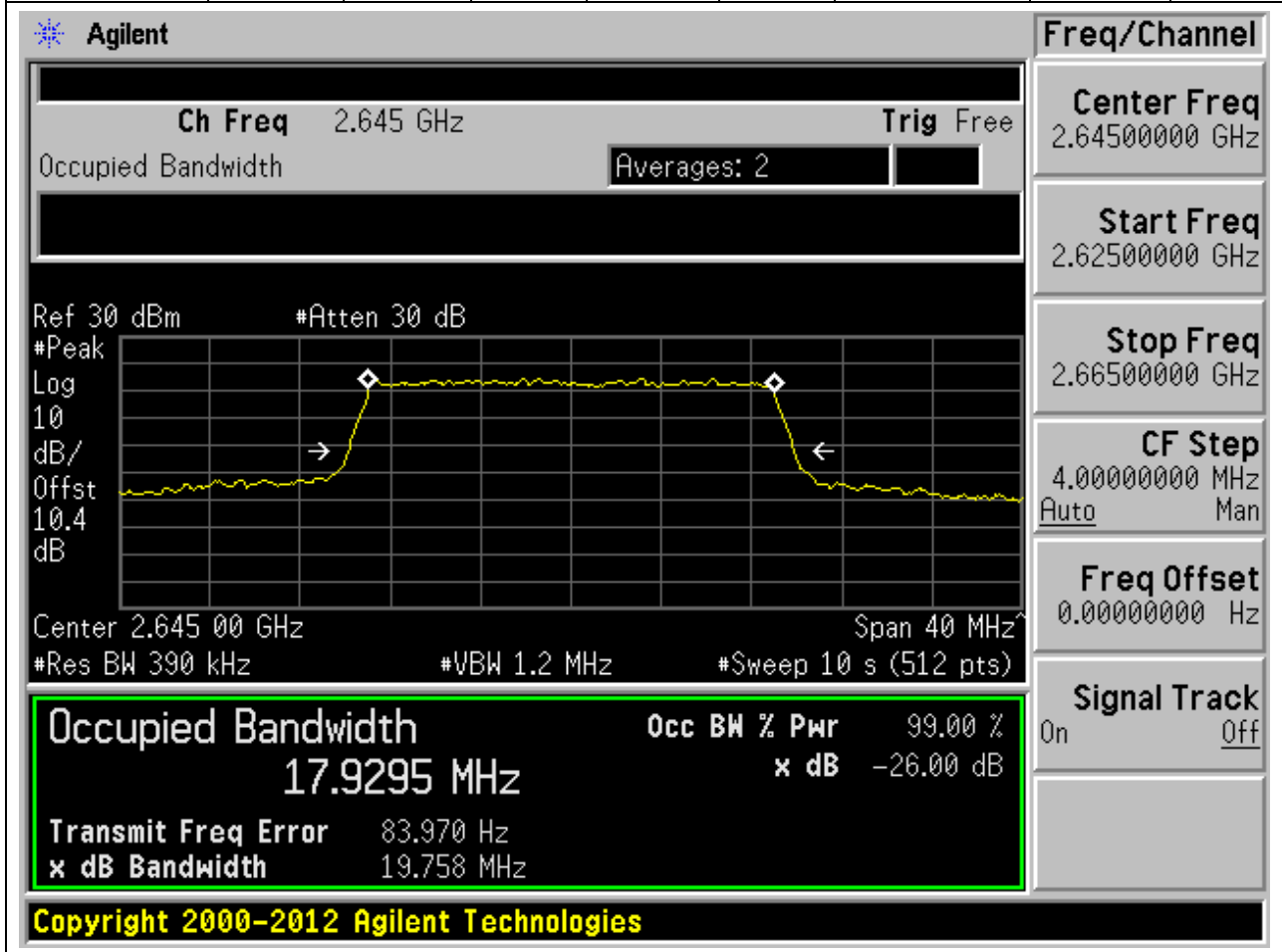
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

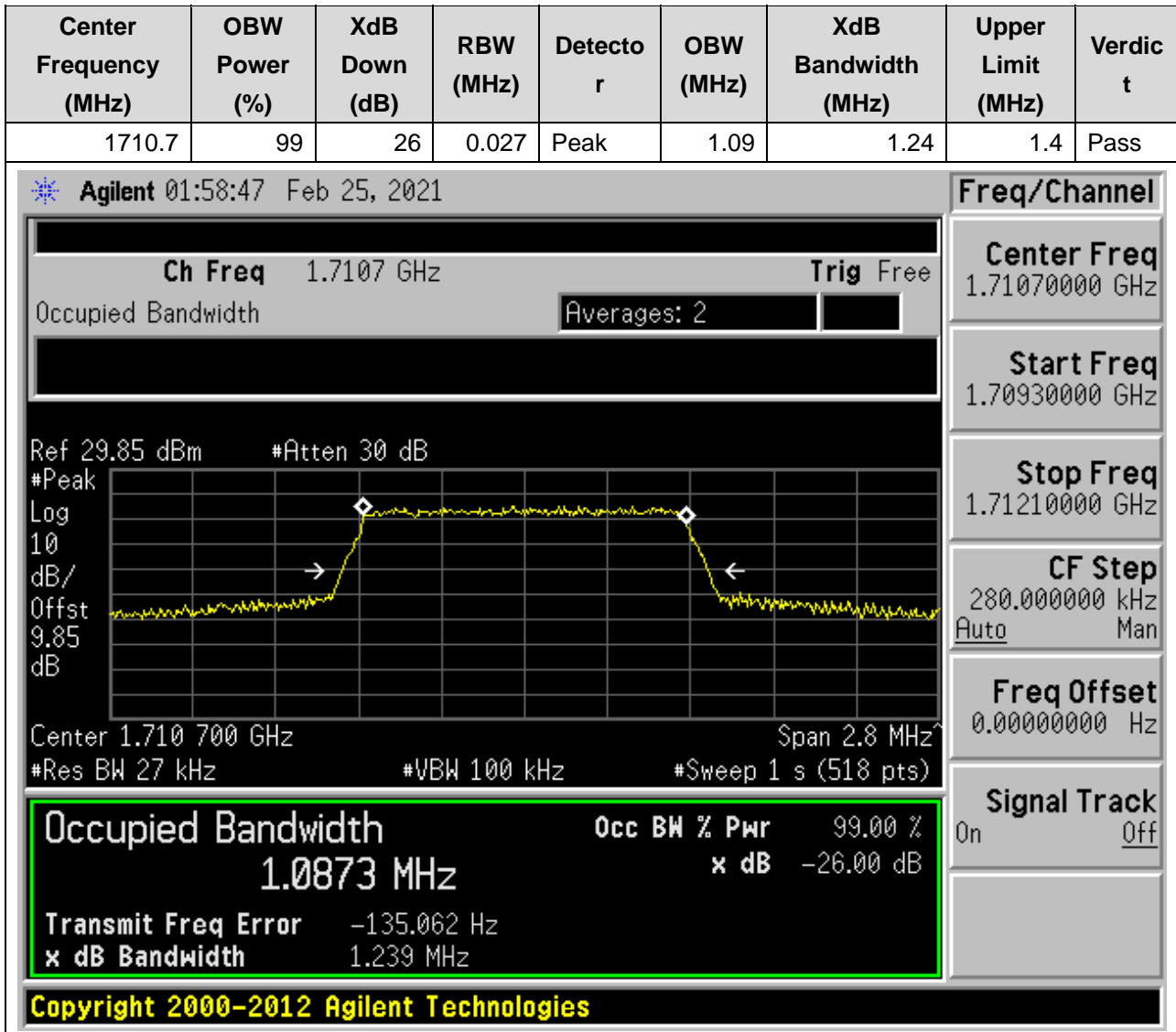
**17.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:41140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2645	99	26	0.39	Peak	17.93	19.76	20	Pass



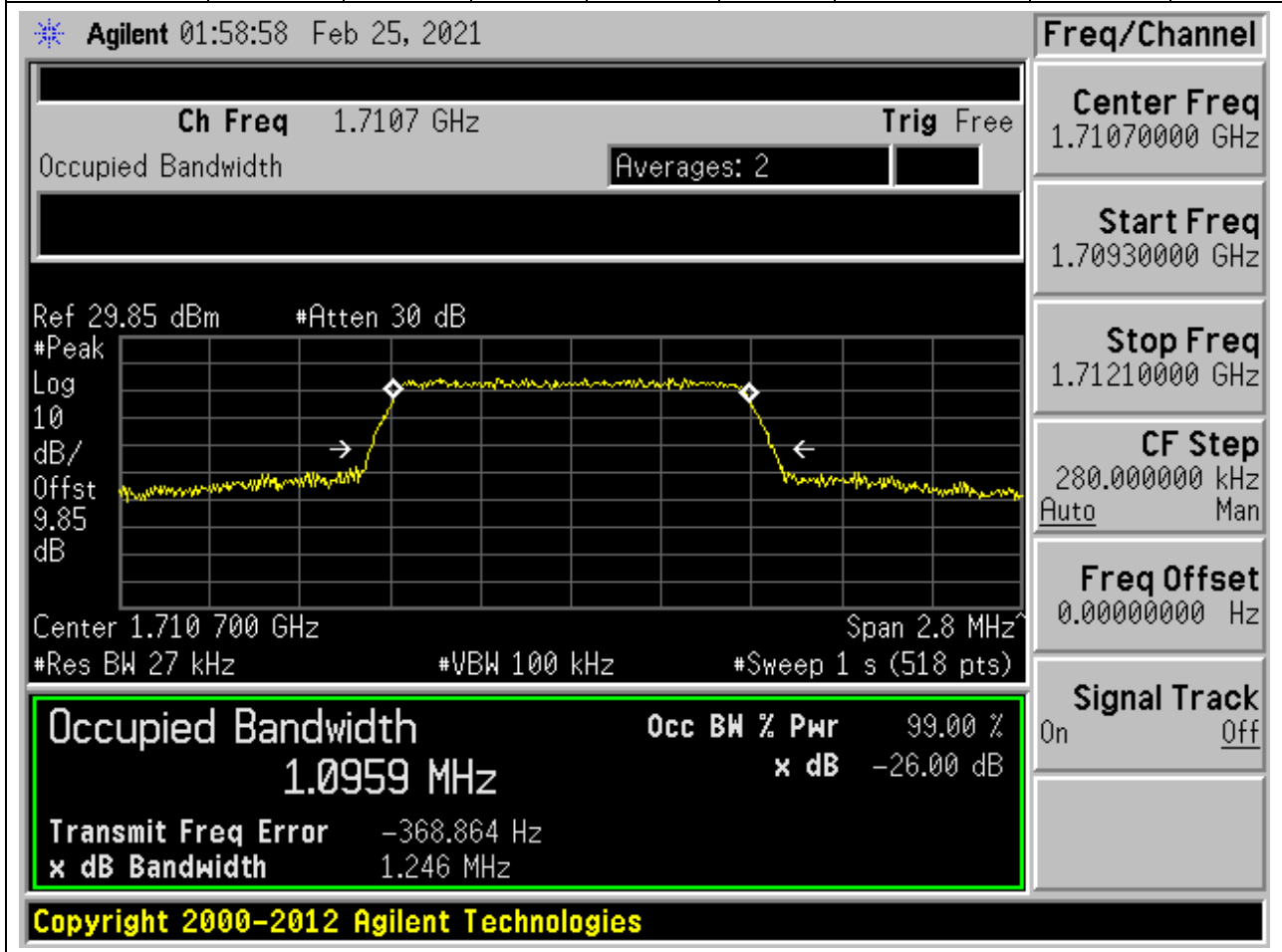
## 18. LTE\_Band66

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



**18.2. 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	1.1	1.25	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.09	1.24	1.4	Pass

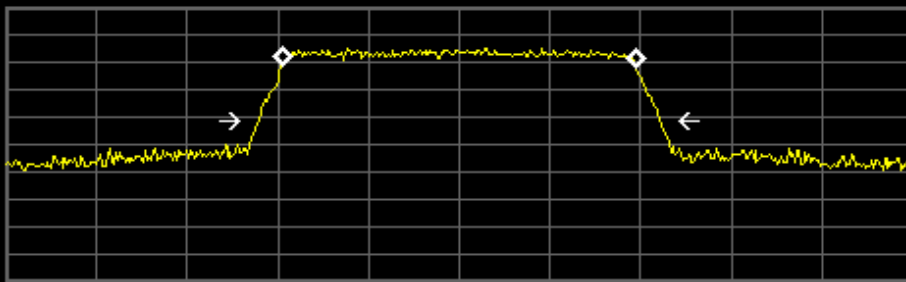
**Agilent** 01:59:12 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 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>1.0897 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.121 kHz	
<b>x dB Bandwidth</b>	1.239 MHz	

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**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.74360000 GHz

**Stop Freq**  
1.74640000 GHz

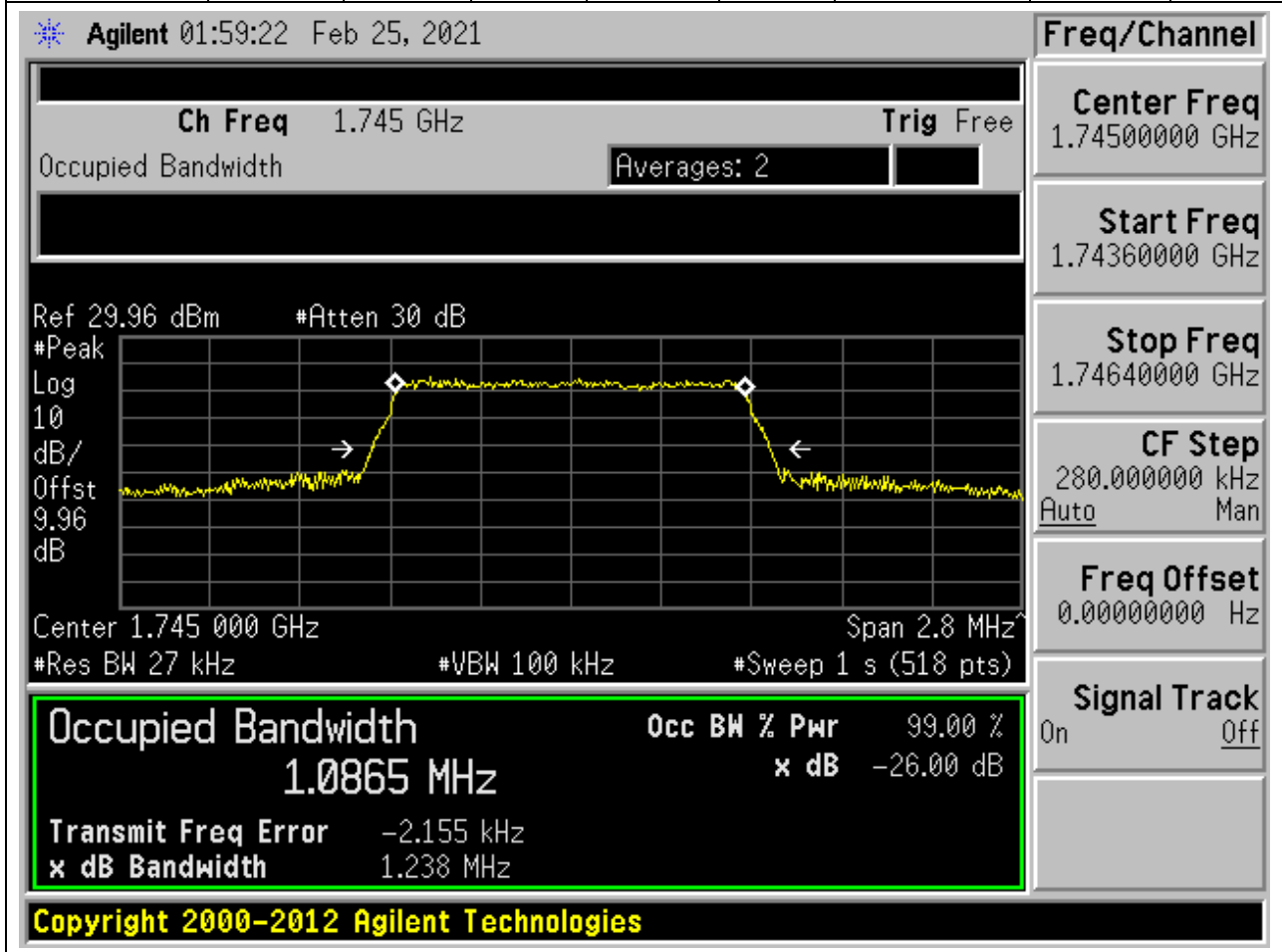
**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**18.4. 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	1.09	1.24	1.4	Pass





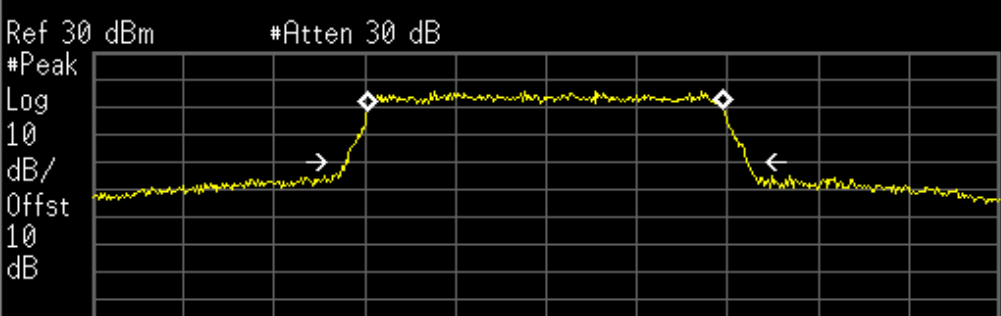
**18.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

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	1.24	1.4	Pass

**Agilent** 01:59:35 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 dB

Center 1.779 300 GHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
1.77930000 GHz

**Start Freq**  
1.77790000 GHz

**Stop Freq**  
1.78070000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0937 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -639.955 Hz

**x dB Bandwidth** 1.242 MHz

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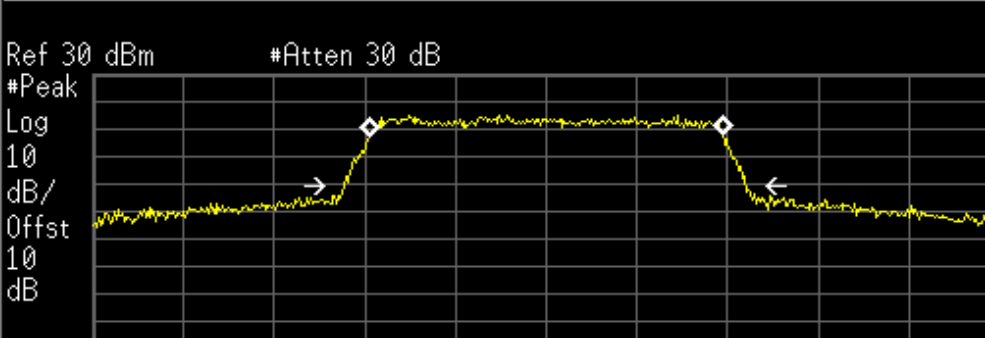
**18.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

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	1.09	1.25	1.4	Pass

**Agilent** 01:59:46 Feb 25, 2021

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

Occupied Bandwidth **Averages:** 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 dB

Center 1.779 300 GHz Span 2.8 MHz

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

**Freq/Channel**

**Center Freq**  
1.77930000 GHz

**Start Freq**  
1.77790000 GHz

**Stop Freq**  
1.78070000 GHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**1.0917 MHz** **x dB** -26.00 dB

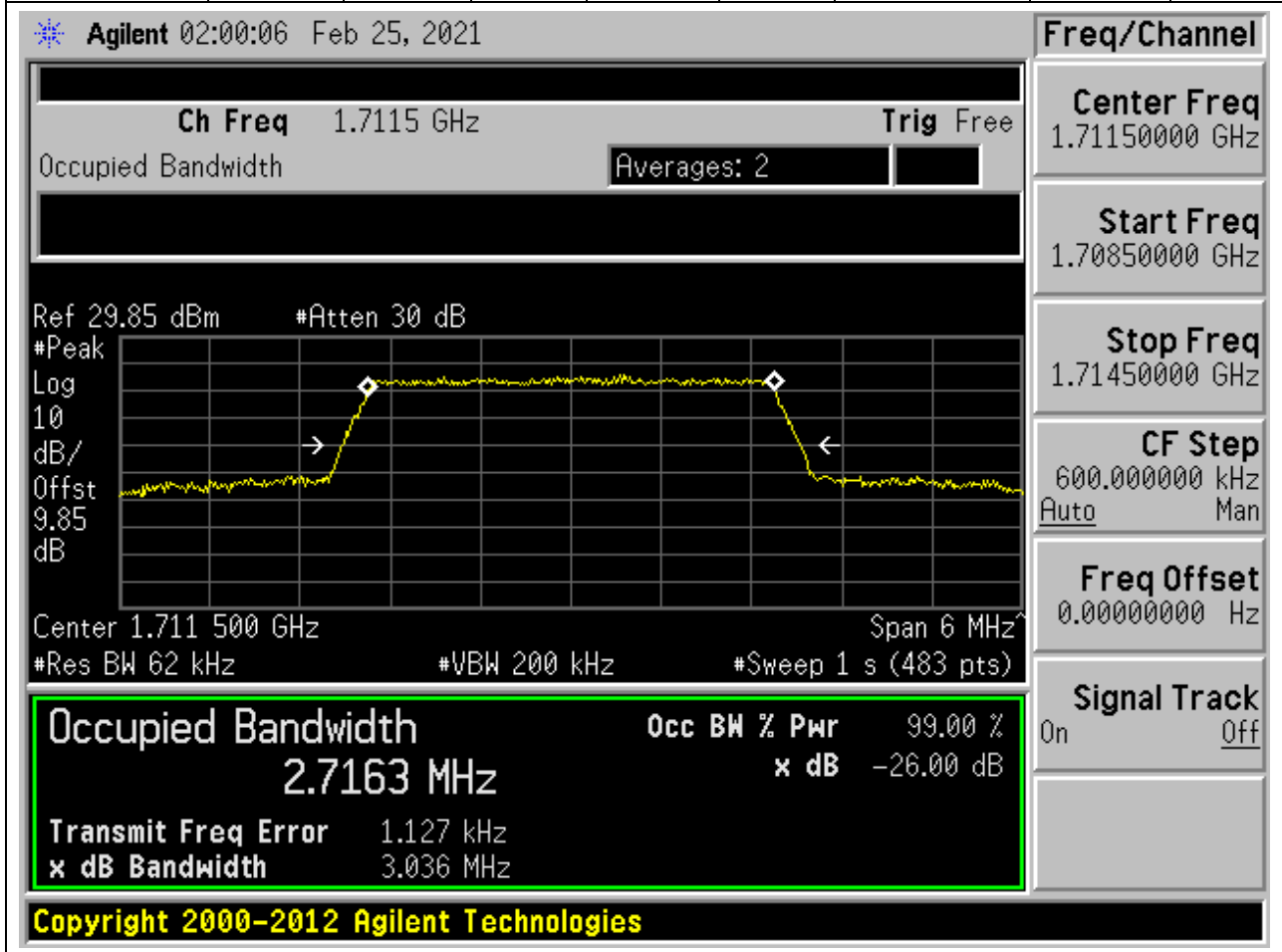
**Transmit Freq Error** -963.043 Hz

**x dB Bandwidth** 1.245 MHz

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**18.7. 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	2.72	3.04	3	Pass



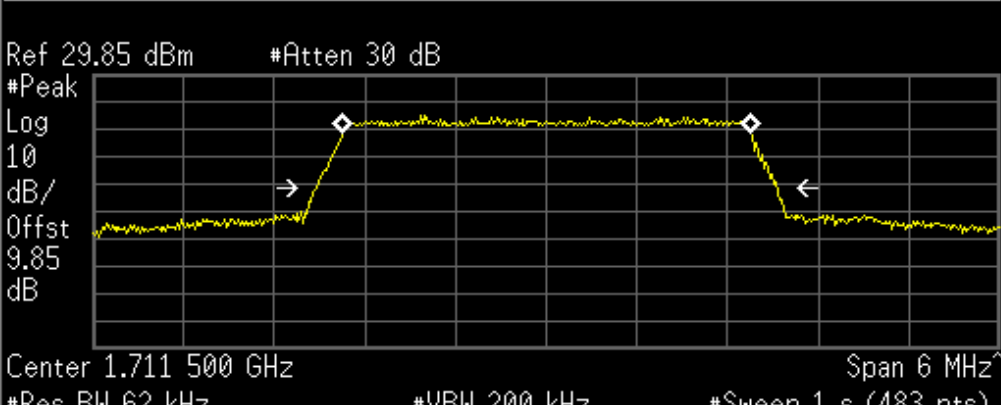
**18.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.71	3.04	3	Pass

Agilent 02:00:17 Feb 25, 2021

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 29.85 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.85 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>2.7105 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	285.508 Hz	
<b>x dB Bandwidth</b>	3.042 MHz	

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**Freq/Channel**

**Center Freq** 1.71150000 GHz

**Start Freq** 1.70850000 GHz

**Stop Freq** 1.71450000 GHz

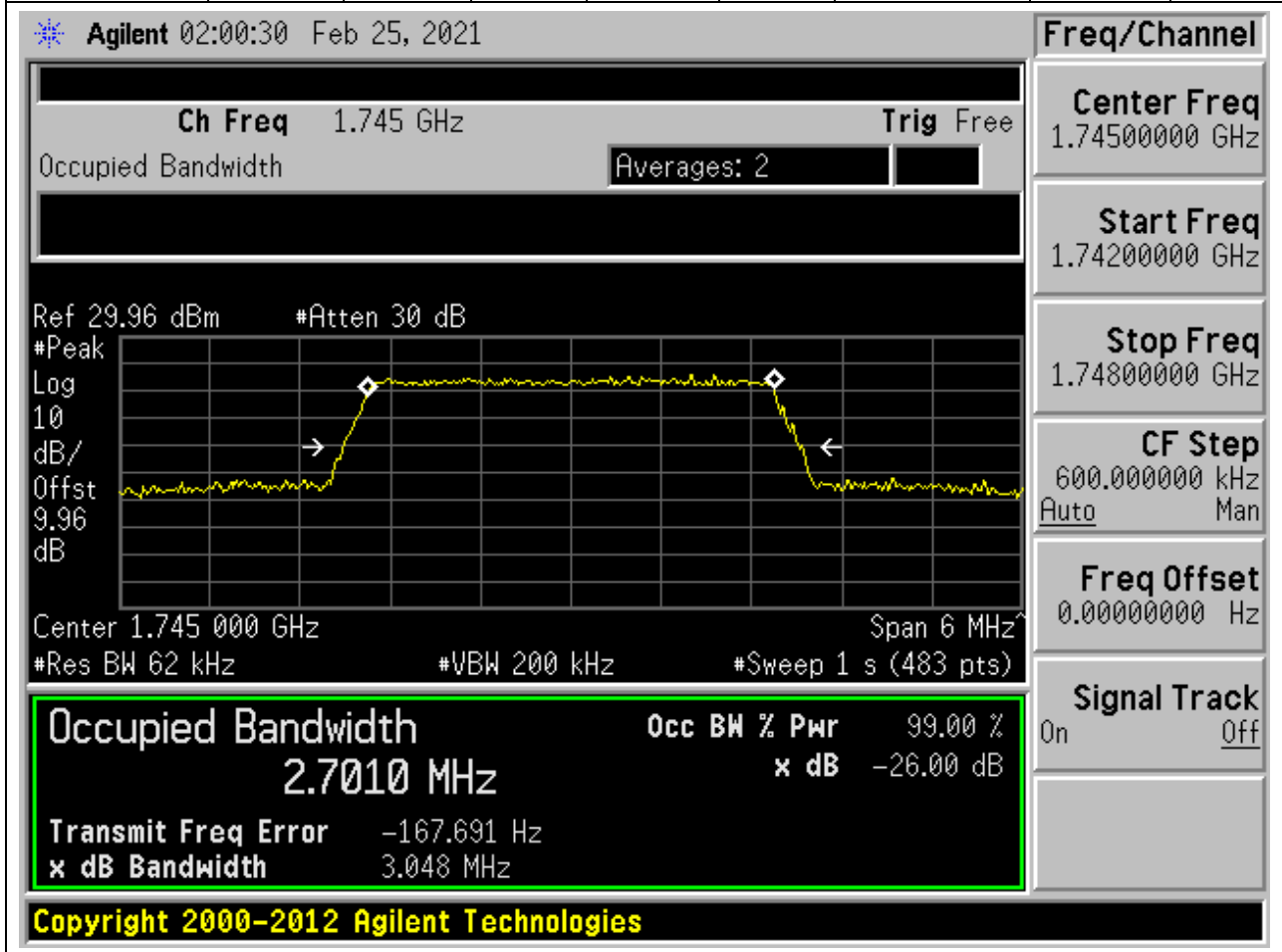
**CF Step** 600.000000 kHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**18.9. 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	2.7	3.05	3	Pass



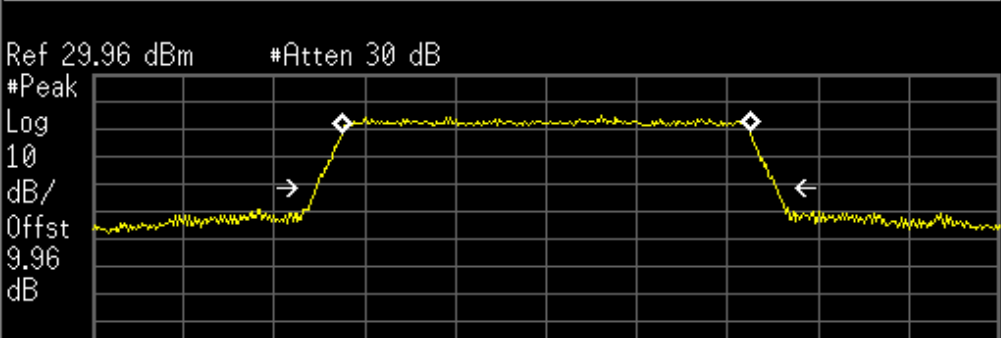
**18.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.71	3.04	3	Pass

**Agilent** 02:00:40 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 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 %

**2.7058 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.858 kHz

**x dB Bandwidth** 3.035 MHz

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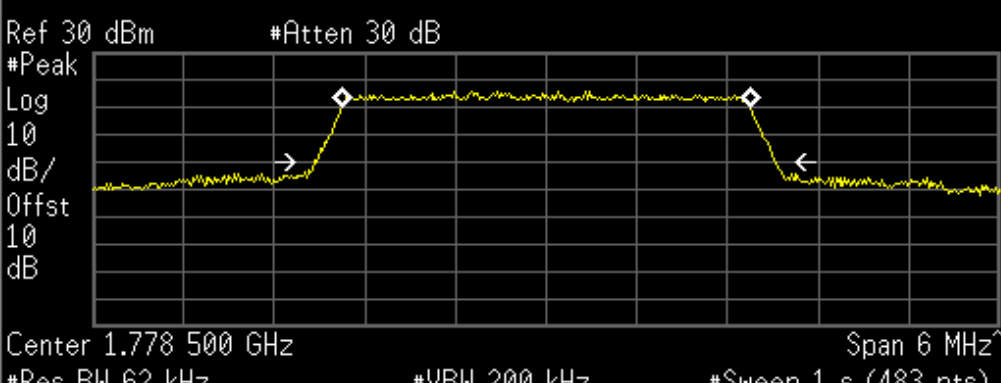
18.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

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	2.71	3.05	3	Pass

Agilent 02:00:54 Feb 25, 2021

Ch Freq 1.7785 GHz Trig Free

Occupied Bandwidth Averages: 2



**Freq/Channel**

Center Freq 1.77850000 GHz

Start Freq 1.77550000 GHz

Stop Freq 1.78150000 GHz

CF Step 600.000000 kHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

2.7135 MHz

x dB -26.00 dB

Transmit Freq Error -2.379 kHz

x dB Bandwidth 3.046 MHz

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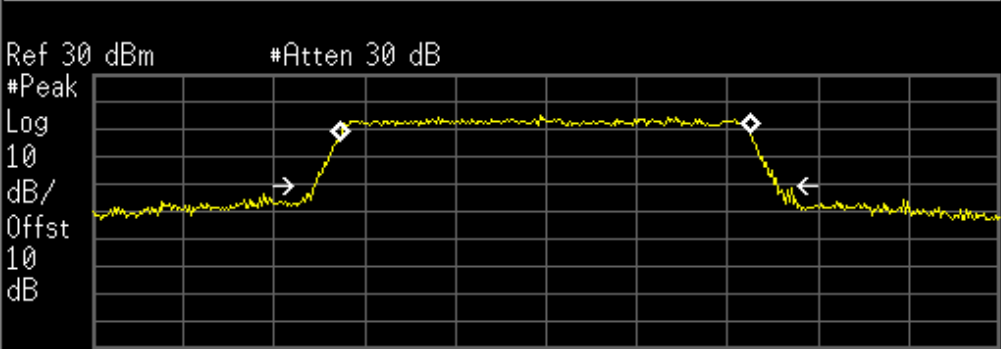
**18.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

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	2.72	3.06	3	Pass

**Agilent** 02:01:05 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10 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>2.7163 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-5.367 kHz	
<b>x dB Bandwidth</b>	3.063 MHz	

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**Freq/Channel**

**Center Freq**  
1.77850000 GHz

**Start Freq**  
1.77550000 GHz

**Stop Freq**  
1.78150000 GHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**18.13. 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	4.51	4.96	5	Pass


**Agilent** 02:01:22 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.85 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.85 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>4.5073 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-781.956 Hz	
<b>x dB Bandwidth</b>	4.960 MHz	

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**Freq/Channel**

**Center Freq**  
1.71250000 GHz

**Start Freq**  
1.70750000 GHz

**Stop Freq**  
1.71750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**18.14. 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	4.5	4.96	5	Pass

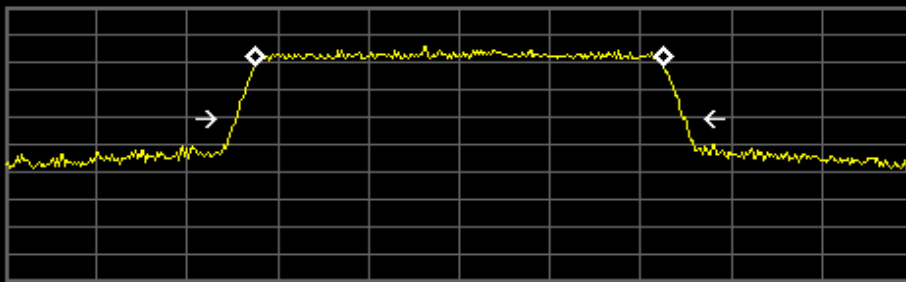
**Agilent** 02:01:33 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.85 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.85 dB



Center 1.712 500 GHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
1.71250000 GHz

**Start Freq**  
1.70750000 GHz

**Stop Freq**  
1.71750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.5033 MHz** **x dB** -26.00 dB

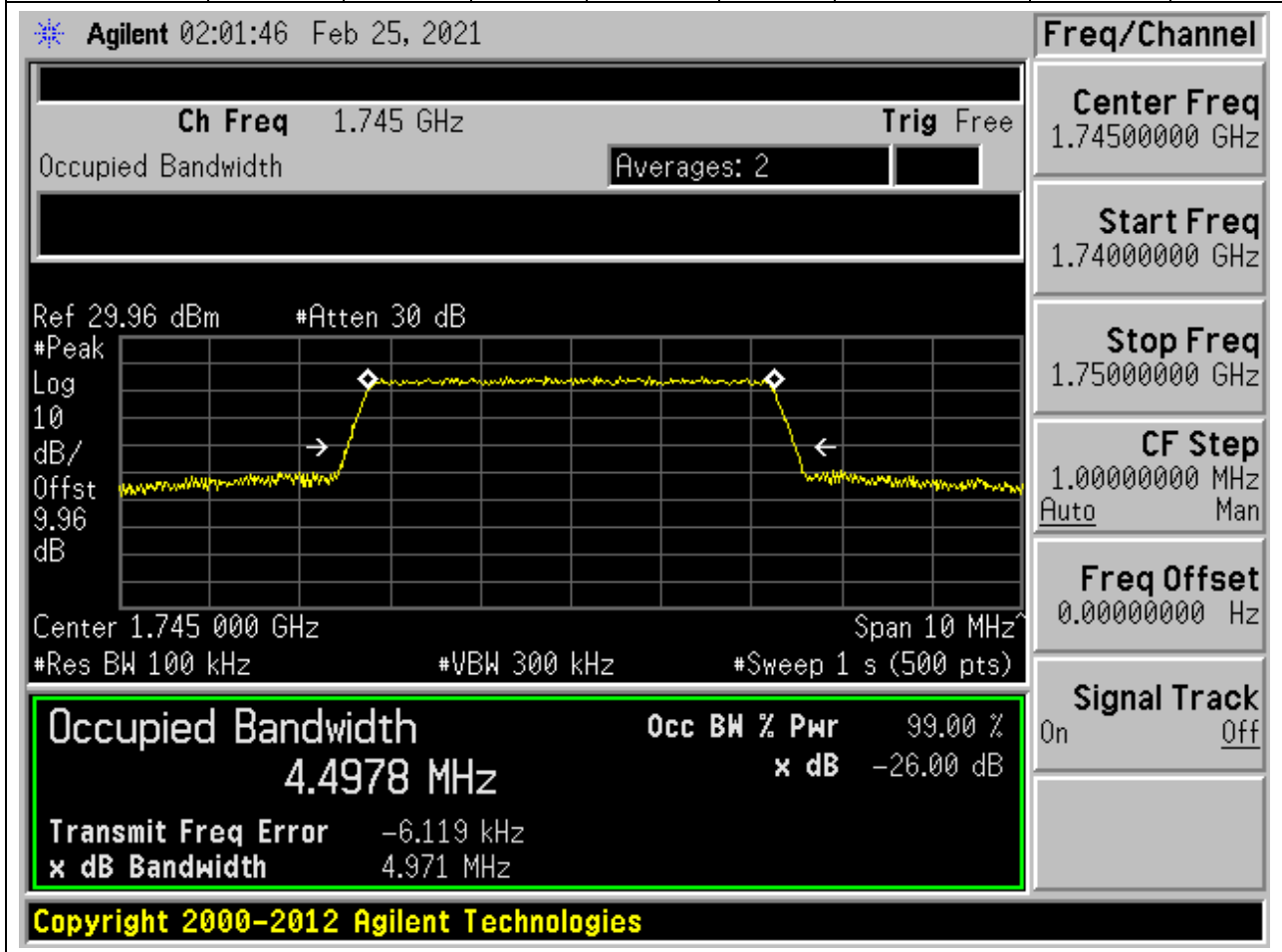
**Transmit Freq Error** 225.492 Hz

**x dB Bandwidth** 4.959 MHz

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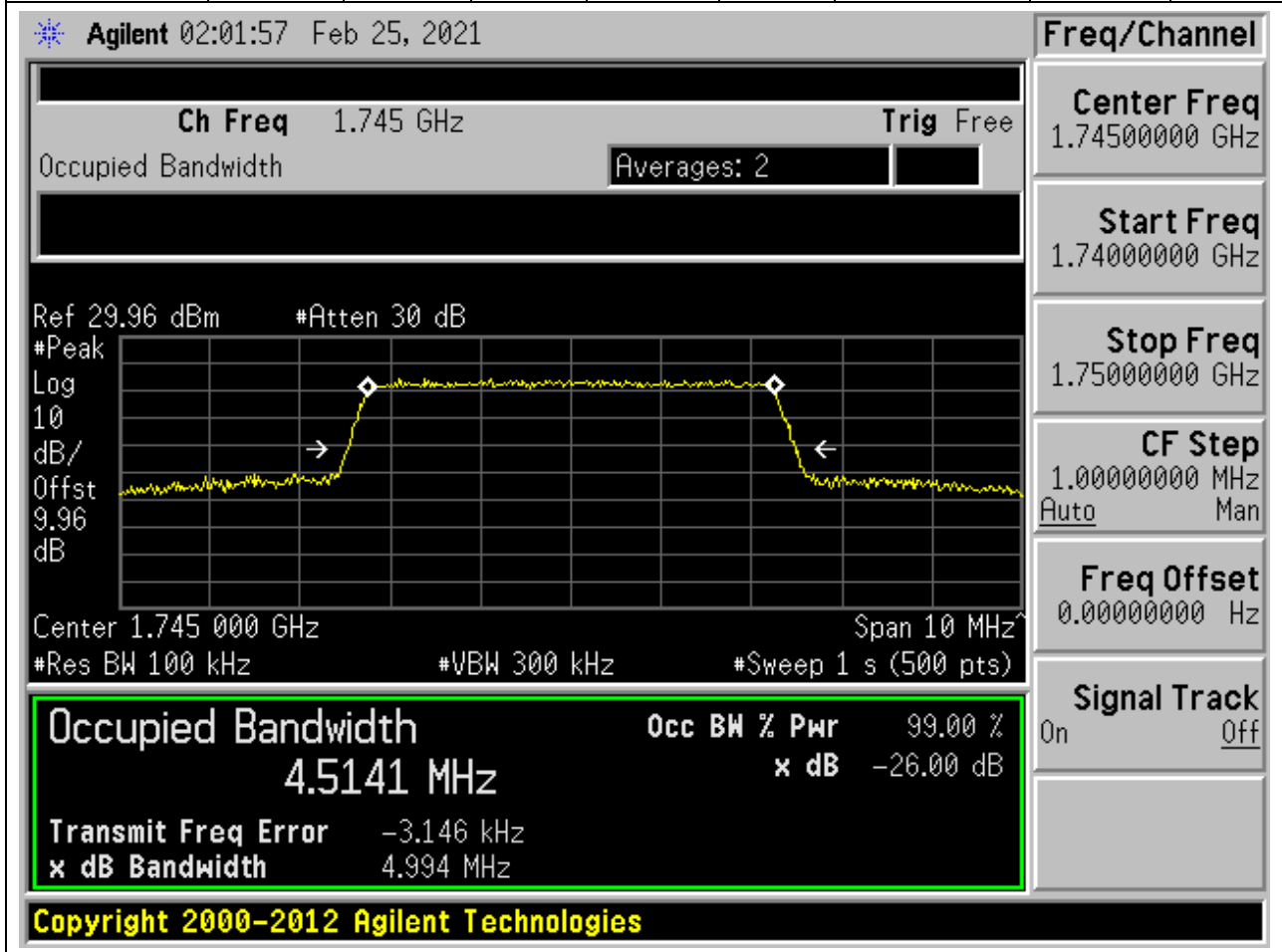
**18.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.97	5	Pass



**18.16. 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	4.51	4.99	5	Pass



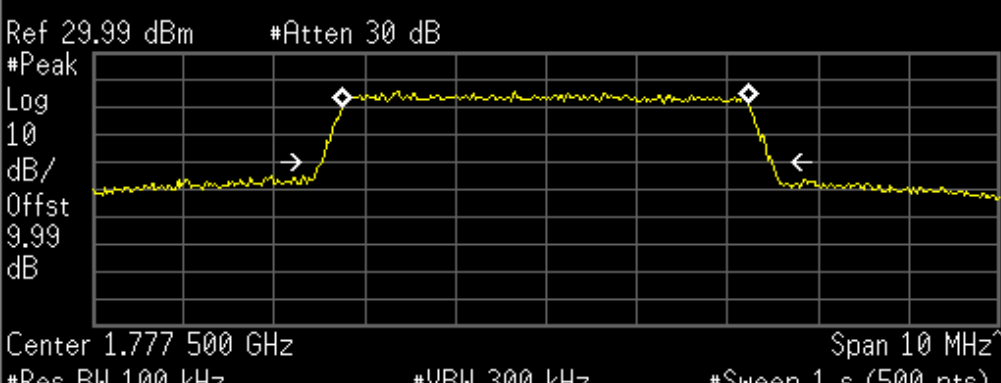
**18.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.49	4.98	5	Pass

Agilent 02:02:10 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.99 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.99 dB

Center 1.777 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4938 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-6.676 kHz	
<b>x dB Bandwidth</b>	4.979 MHz	

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**Freq/Channel**

**Center Freq**  
1.77750000 GHz

**Start Freq**  
1.77250000 GHz

**Stop Freq**  
1.78250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

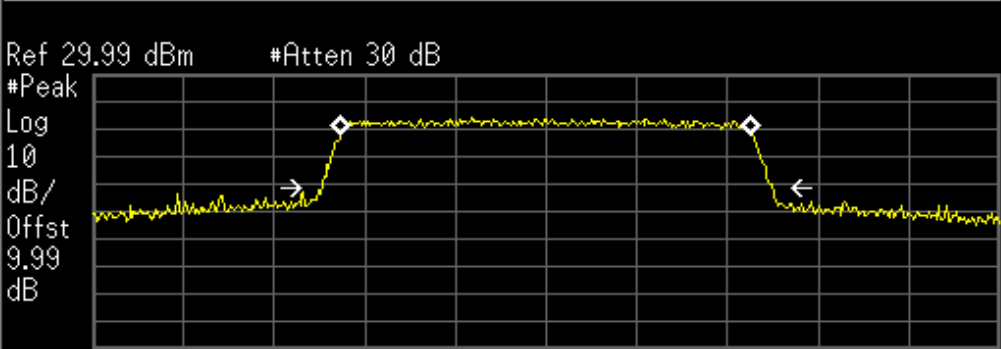
**18.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.52	4.99	5	Pass

**Agilent** 02:02:21 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.99 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.99 dB

Center 1.777 500 GHz Span 10 MHz

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

**Freq/Channel**

**Center Freq**  
1.77750000 GHz

**Start Freq**  
1.77250000 GHz

**Stop Freq**  
1.78250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**4.5223 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -5.190 kHz

**x dB Bandwidth** 4.988 MHz

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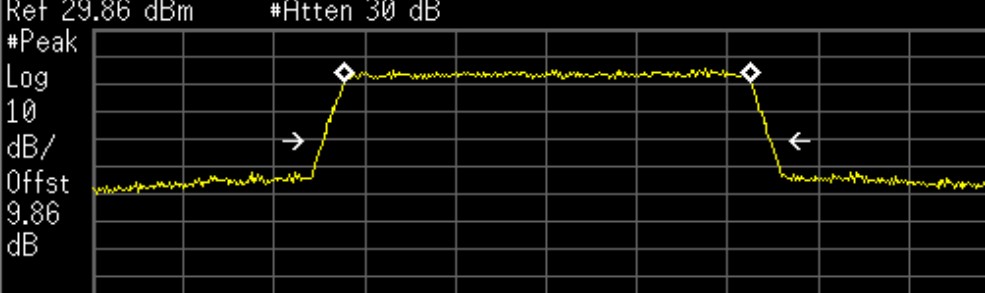
**18.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.98	9.89	10	Pass

**Agilent** 02:02:39 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.86 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.86 dB

Center 1.715 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.71500000 GHz

**Start Freq**  
1.70500000 GHz

**Stop Freq**  
1.72500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9756 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 13.380 kHz

**x dB Bandwidth** 9.894 MHz

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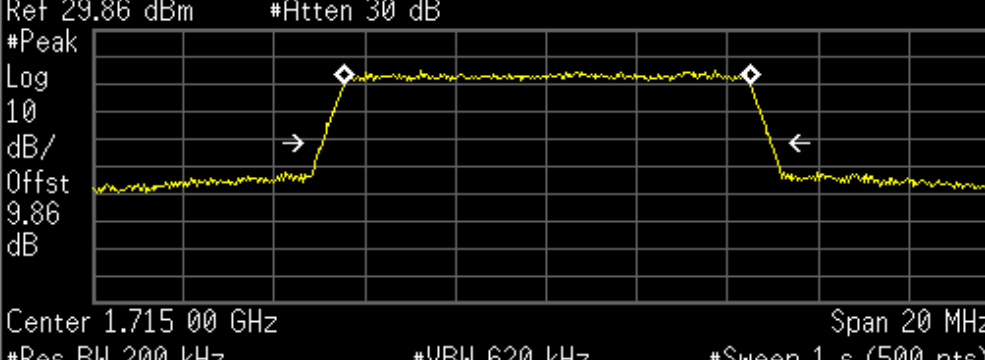
**18.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.98	9.9	10	Pass

**Agilent** 02:02:50 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.86 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.86 dB

Center 1.715 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.71500000 GHz

**Start Freq**  
1.70500000 GHz

**Stop Freq**  
1.72500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9790 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 9.407 kHz

**x dB Bandwidth** 9.900 MHz

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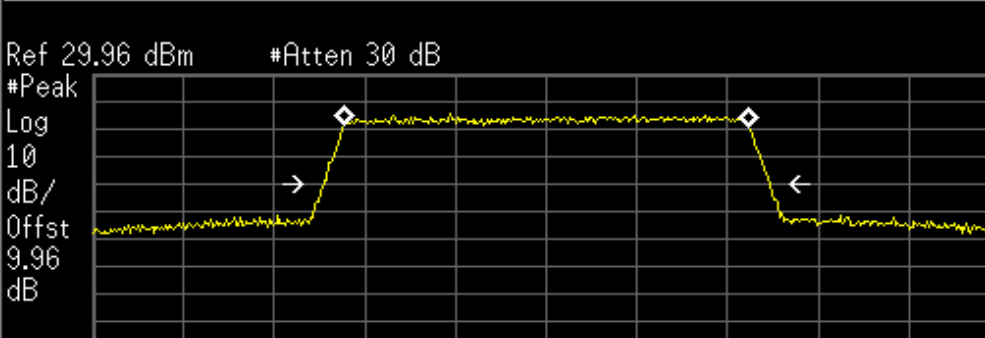
**18.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.96	9.87	10	Pass

**Agilent** 02:03:03 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 dB

Center 1.745 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.73500000 GHz

**Stop Freq**  
1.75500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9639 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 263.621 Hz

**x dB Bandwidth** 9.873 MHz

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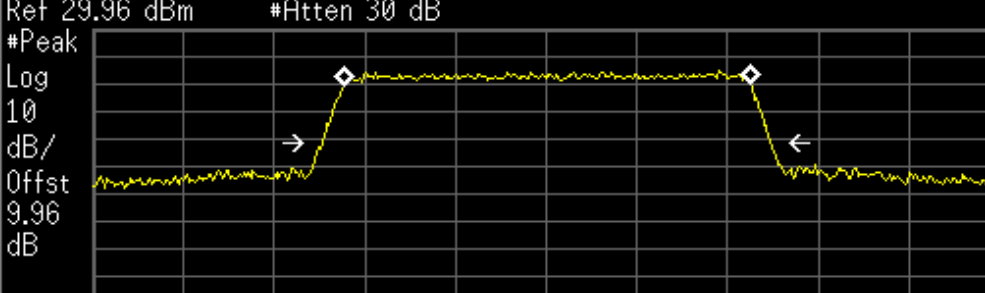
**18.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.98	9.92	10	Pass

**Agilent** 02:03:14 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 dB

Center 1.745 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.73500000 GHz

**Stop Freq**  
1.75500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9833 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 9.032 kHz

**x dB Bandwidth** 9.925 MHz

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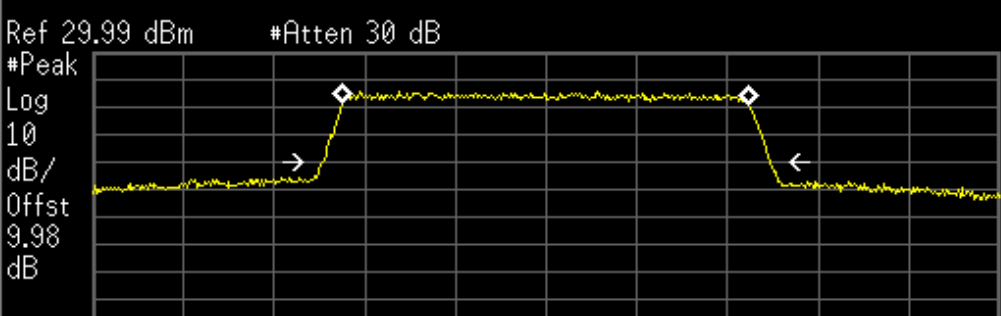
**18.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

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	8.99	9.91	10	Pass

**Agilent** 02:03:27 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.99 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 dB

Center 1.775 00 GHz Span 20 MHz

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

**Freq/Channel**

**Center Freq**  
1.77500000 GHz

**Start Freq**  
1.76500000 GHz

**Stop Freq**  
1.78500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

**8.9936 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -11.016 kHz

**x dB Bandwidth** 9.913 MHz

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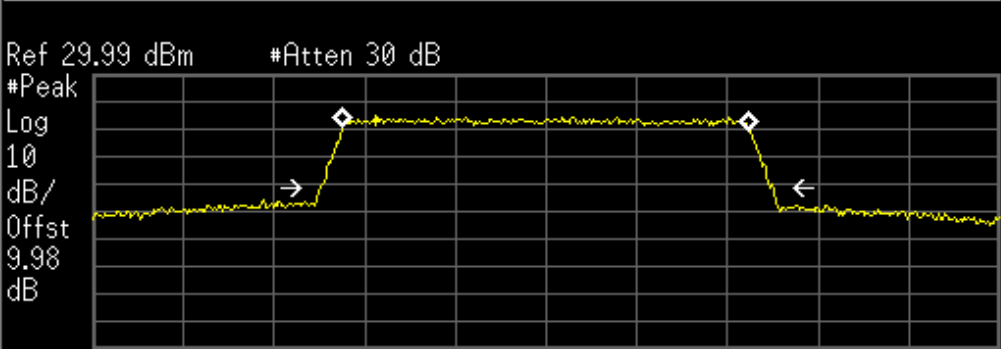
**18.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

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	8.99	9.99	10	Pass

**Agilent** 02:03:38 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.99 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 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>8.9943 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-14.482 kHz	
<b>x dB Bandwidth</b>	9.993 MHz	

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**Freq/Channel**

**Center Freq**  
1.77500000 GHz

**Start Freq**  
1.76500000 GHz

**Stop Freq**  
1.78500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**18.25. 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	13.46	14.95	15	Pass

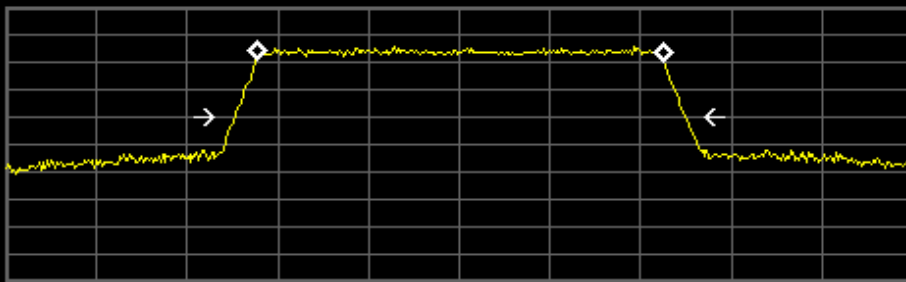
Agilent 02:03:57 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.86 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.86 dB



Center 1.717 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>13.4608 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.390 kHz	
<b>x dB Bandwidth</b>	14.955 MHz	

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**Freq/Channel**

**Center Freq**  
1.71750000 GHz

**Start Freq**  
1.70250000 GHz

**Stop Freq**  
1.73250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**18.26. 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	13.48	14.82	15	Pass

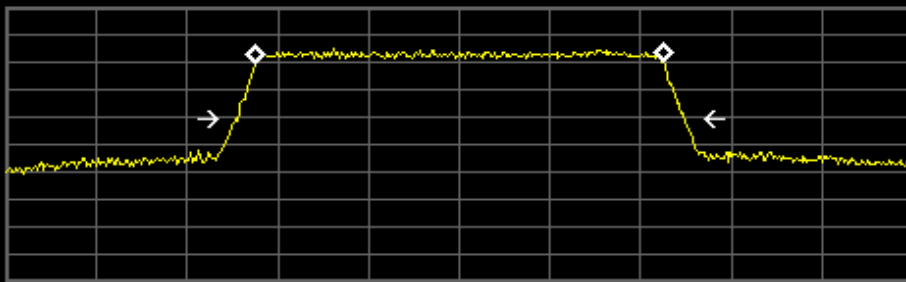
**Agilent** 02:04:08 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**

Ref 29.86 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.86 dB



Center 1.717 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>13.4818 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	6.906 kHz	
<b>x dB Bandwidth</b>	14.816 MHz	

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**Freq/Channel**

**Center Freq**  
1.71750000 GHz

**Start Freq**  
1.70250000 GHz

**Stop Freq**  
1.73250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

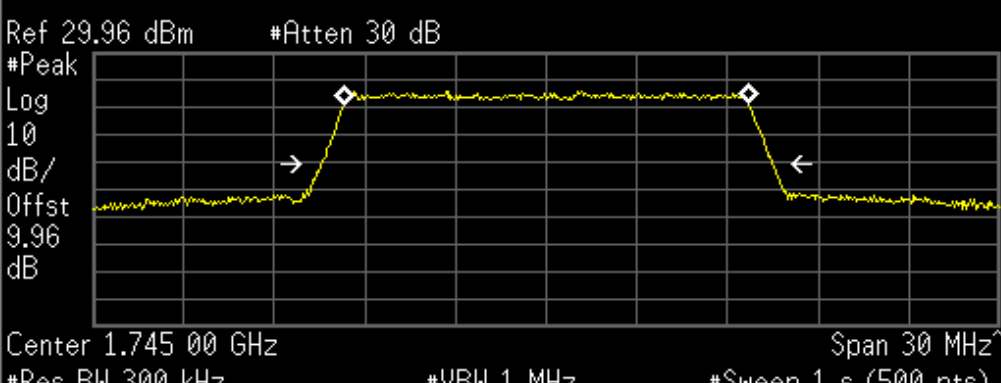
**18.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.43	14.95	15	Pass

**Agilent** 02:04:22 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.96 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.96 dB

Center 1.745 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4324 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.940 kHz	
<b>x dB Bandwidth</b>	14.951 MHz	

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**Freq/Channel**

**Center Freq**  
1.74500000 GHz

**Start Freq**  
1.73000000 GHz

**Stop Freq**  
1.76000000 GHz

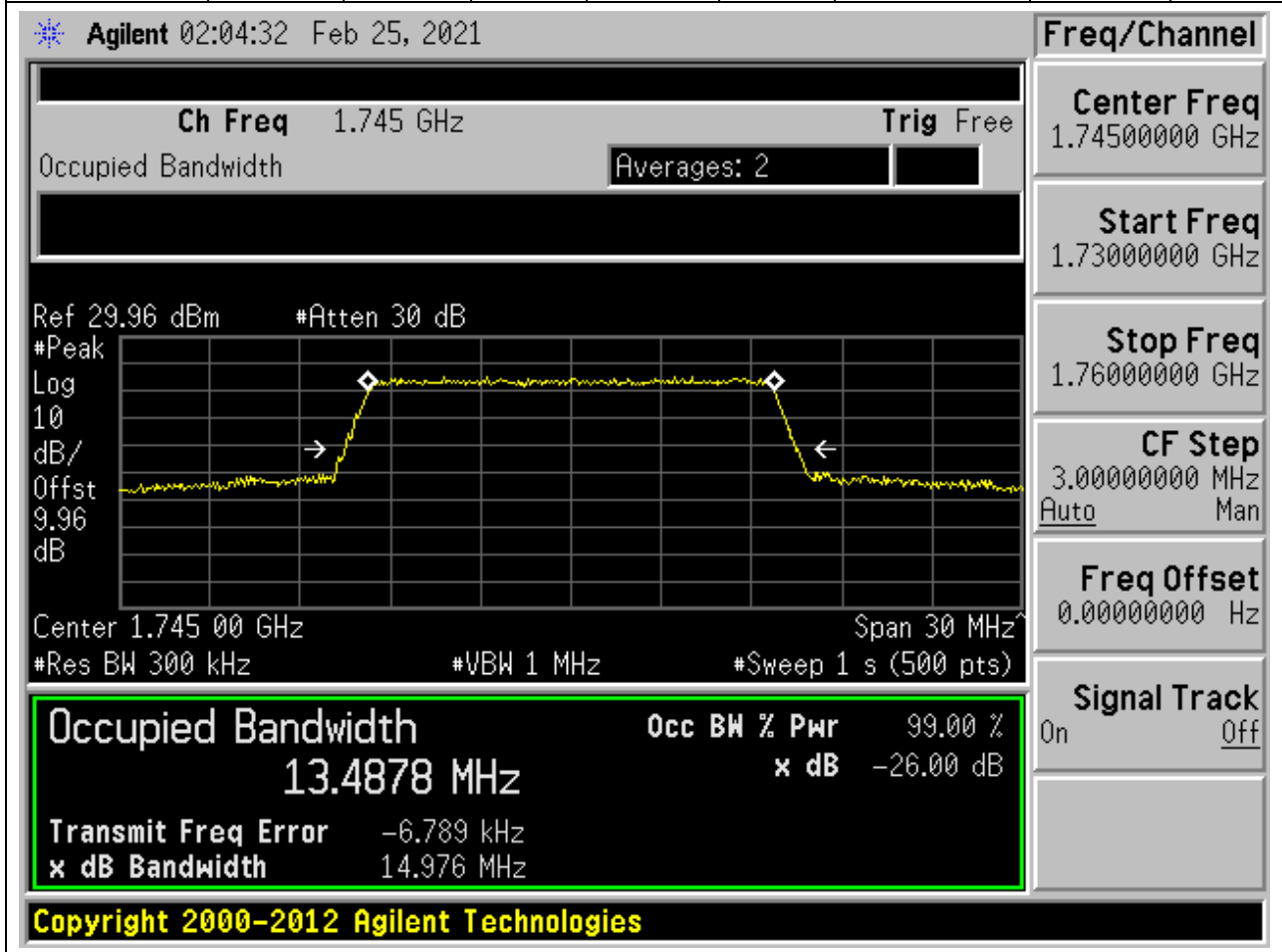
**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**18.28. 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	13.49	14.98	15	Pass





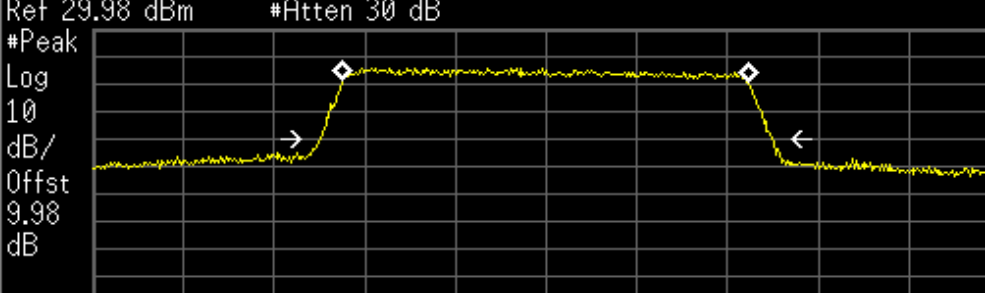
**18.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

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	13.46	15	15	Pass

**Agilent** 02:04:46 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.98 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 dB

Center 1.772 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4605 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-37.490 kHz	
<b>x dB Bandwidth</b>	15.004 MHz	

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**Freq/Channel**

**Center Freq**  
1.77250000 GHz

**Start Freq**  
1.75750000 GHz

**Stop Freq**  
1.78750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

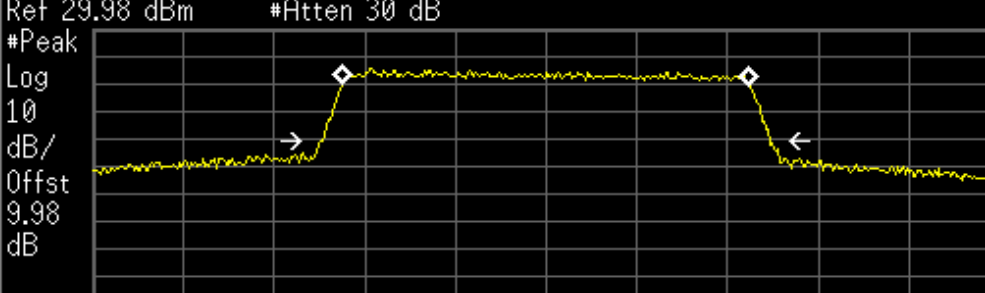
**18.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

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	13.48	14.9	15	Pass

**Agilent** 02:04:57 Feb 25, 2021

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

Occupied Bandwidth **Averages: 2**



Ref 29.98 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.98 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 %

**13.4771 MHz** **x dB** -26.00 dB

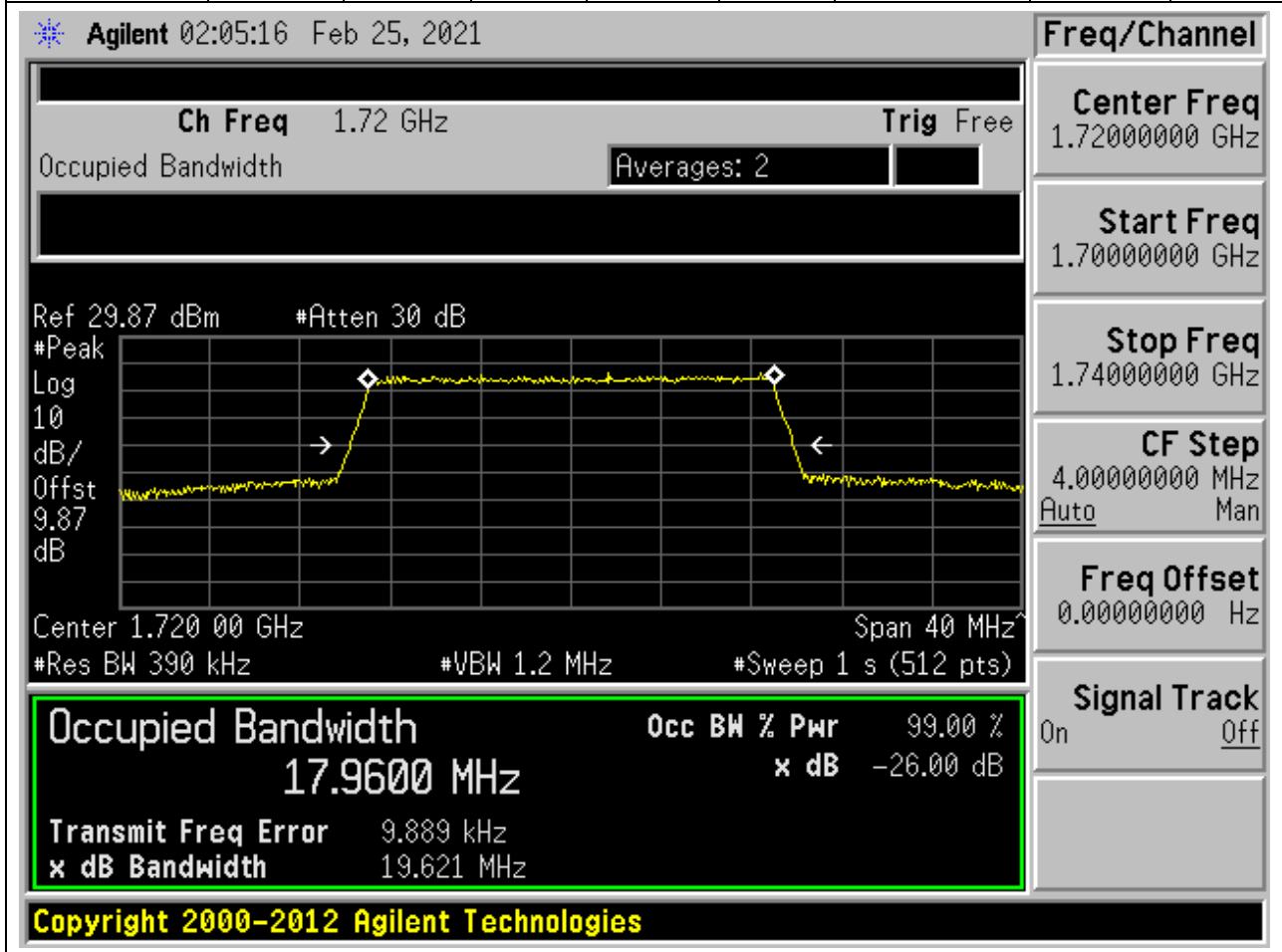
**Transmit Freq Error** -25.393 kHz

**x dB Bandwidth** 14.901 MHz

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**18.31. 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	17.96	19.62	20	Pass



**18.32. 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	17.97	19.74	20	Pass

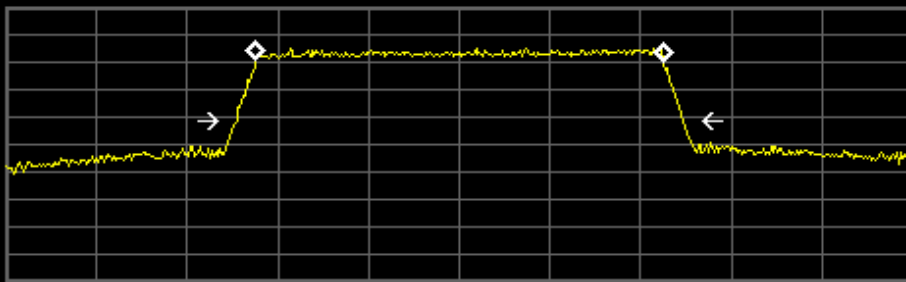
**Agilent** 02:05:26 Feb 25, 2021

**Ch Freq** 1.72 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.87 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.87 dB



Center 1.720 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>17.9681 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	8.898 kHz	
<b>x dB Bandwidth</b>	19.743 MHz	

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**Freq/Channel**

**Center Freq**  
1.72000000 GHz

**Start Freq**  
1.70000000 GHz

**Stop Freq**  
1.74000000 GHz

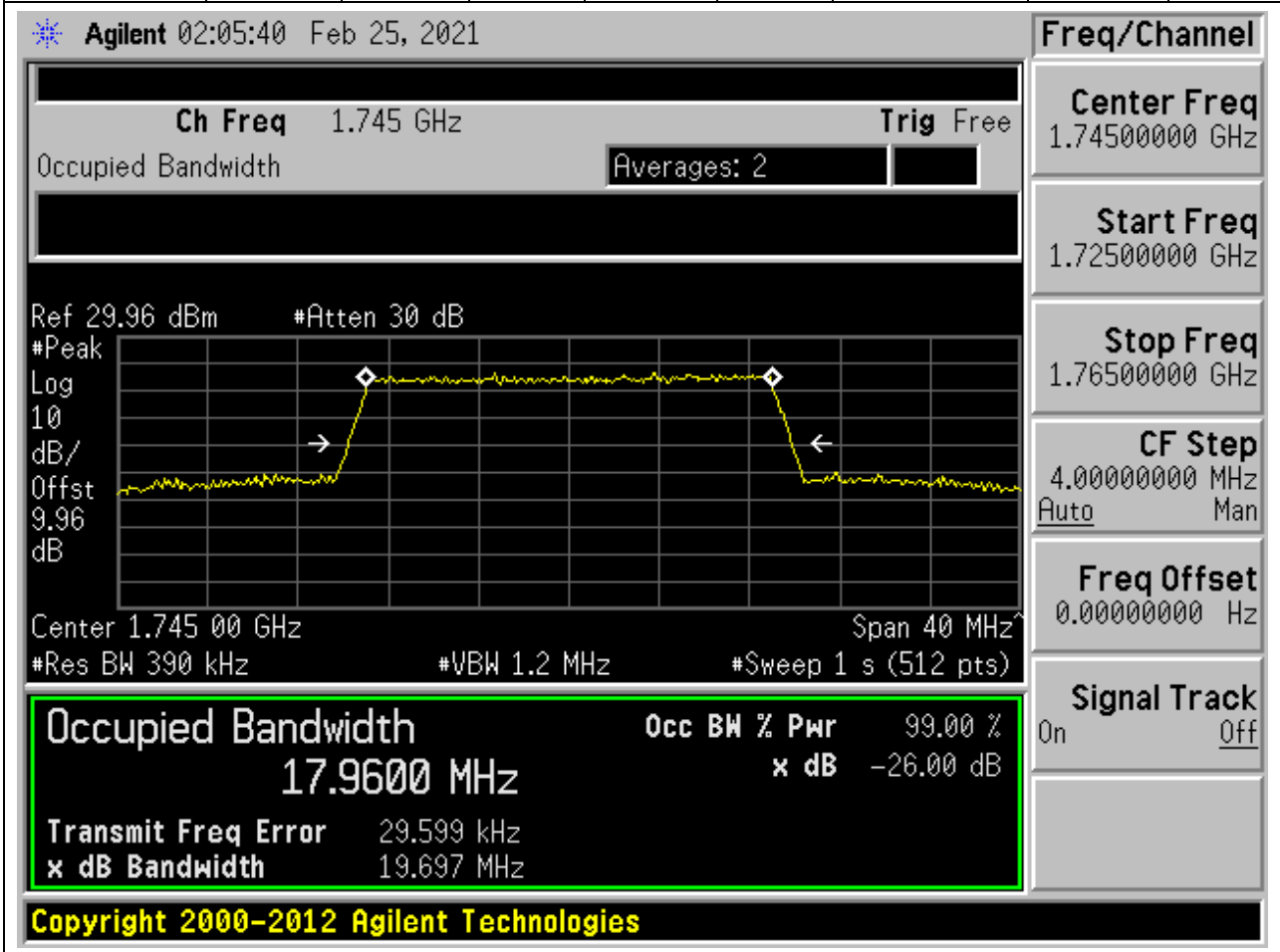
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

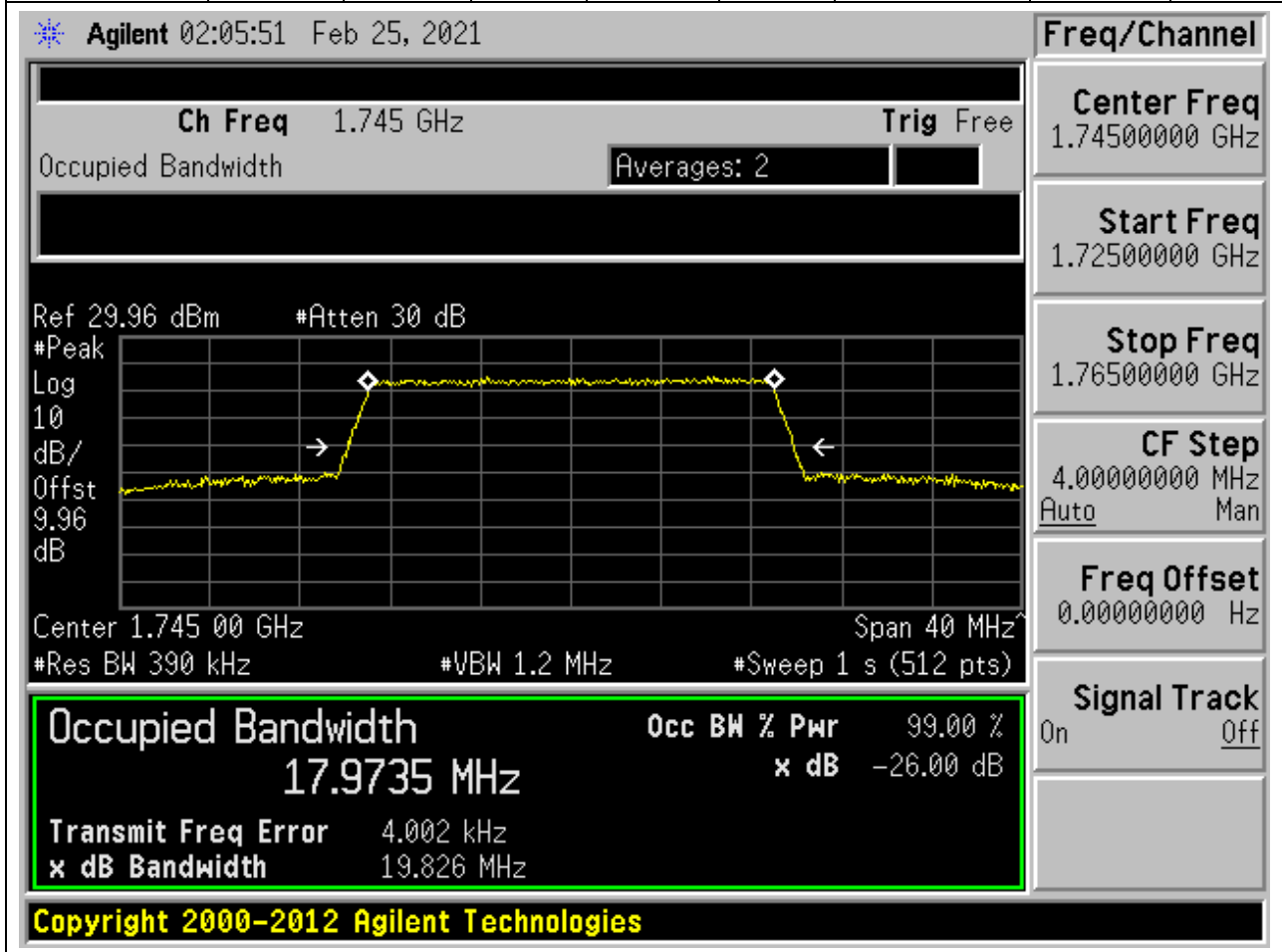
**18.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.96	19.7	20	Pass



**18.34. 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	17.97	19.83	20	Pass



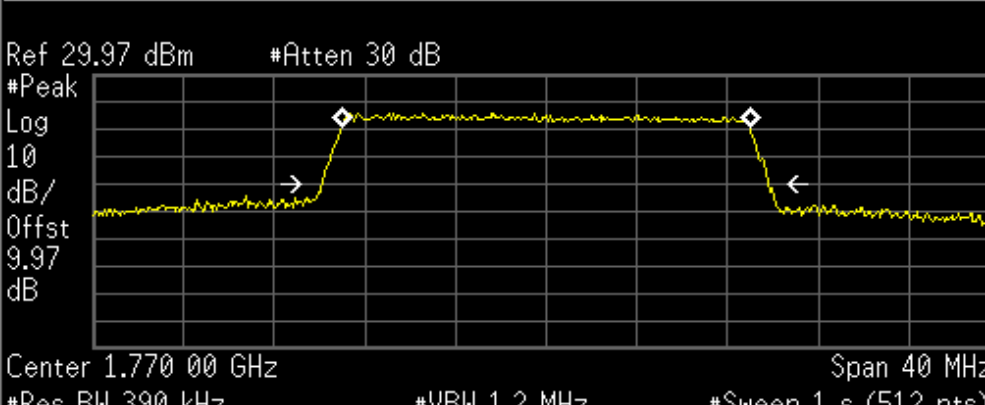
**18.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.99	19.77	20	Pass

**Agilent** 02:06:04 Feb 25, 2021

**Ch Freq** 1.77 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**



Ref 29.97 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.97 dB

Center 1.770 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>17.9939 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-48.668 kHz	
<b>x dB Bandwidth</b>	19.766 MHz	

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**Freq/Channel**

**Center Freq**  
1.77000000 GHz

**Start Freq**  
1.75000000 GHz

**Stop Freq**  
1.79000000 GHz

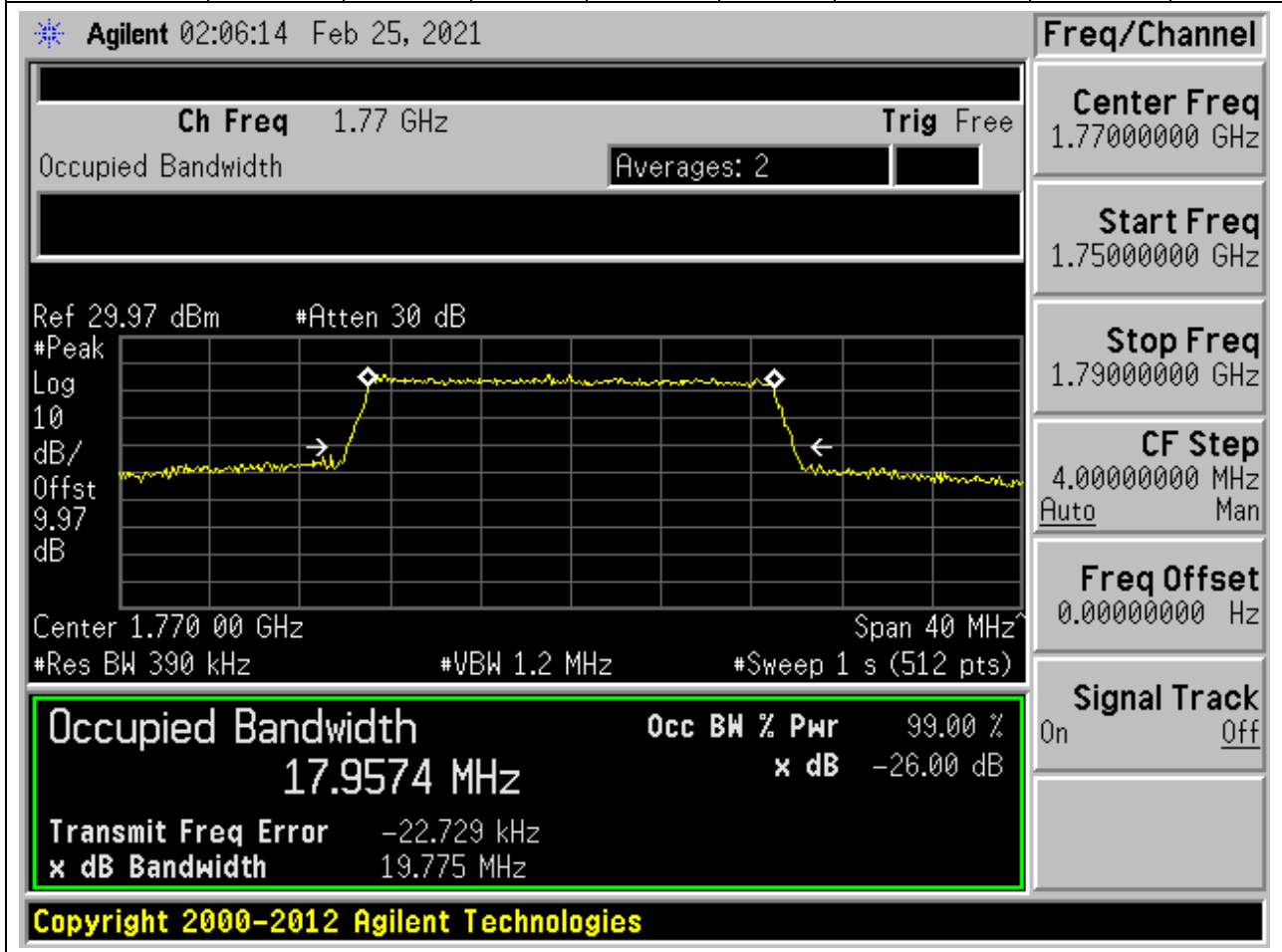
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**18.36. 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	17.96	19.77	20	Pass





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END