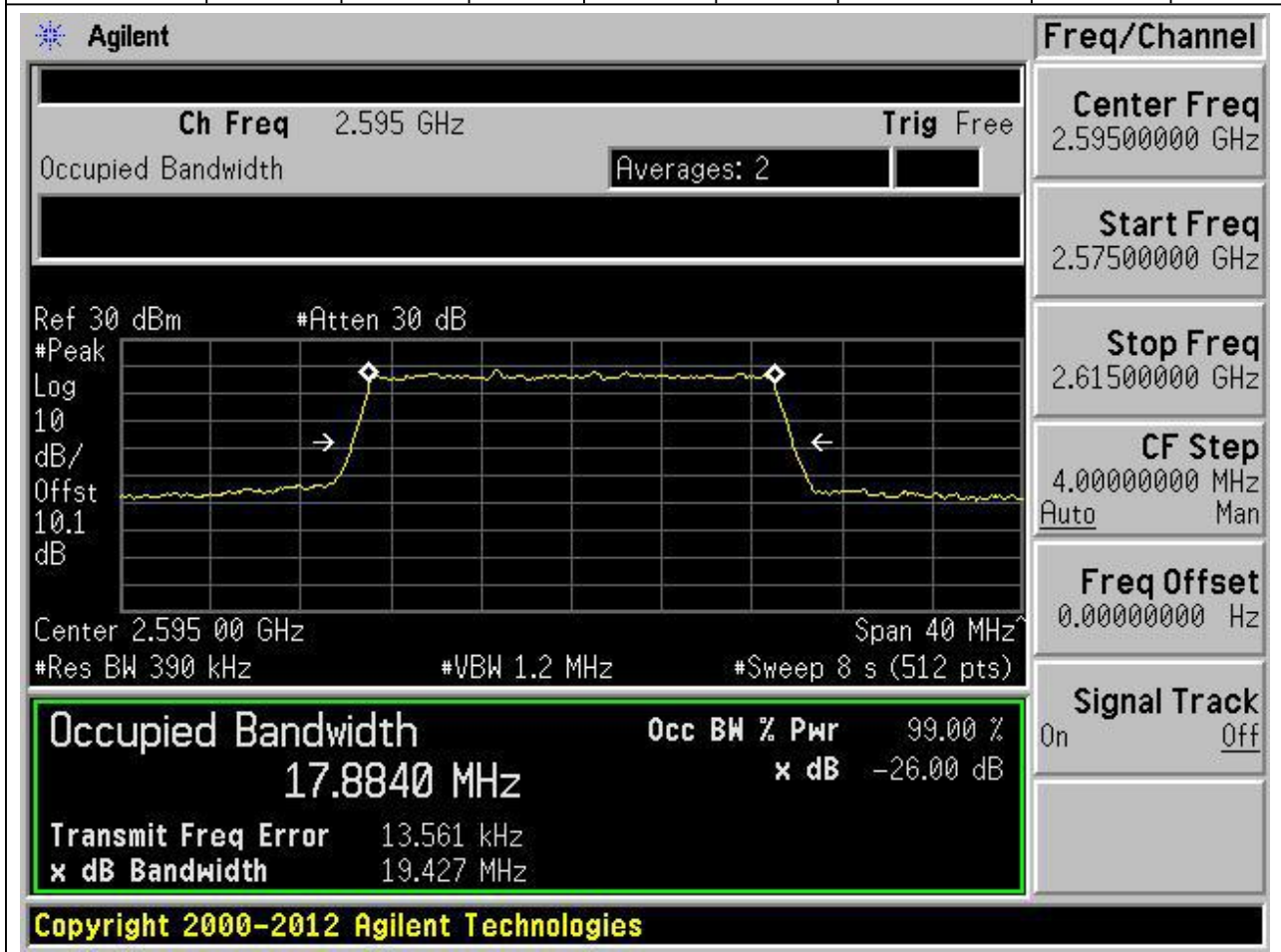


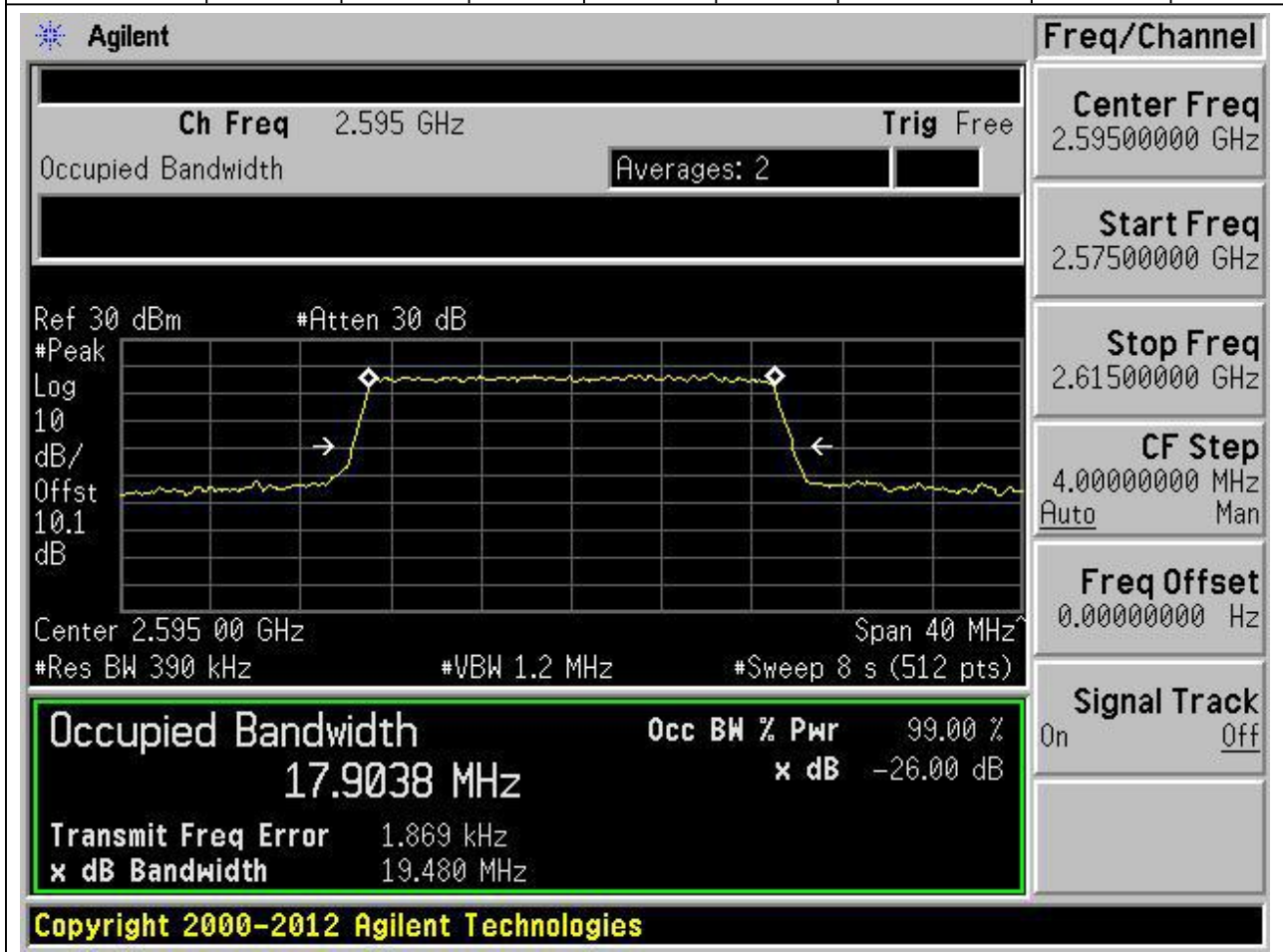
**13.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.884	19.427	20	Pass



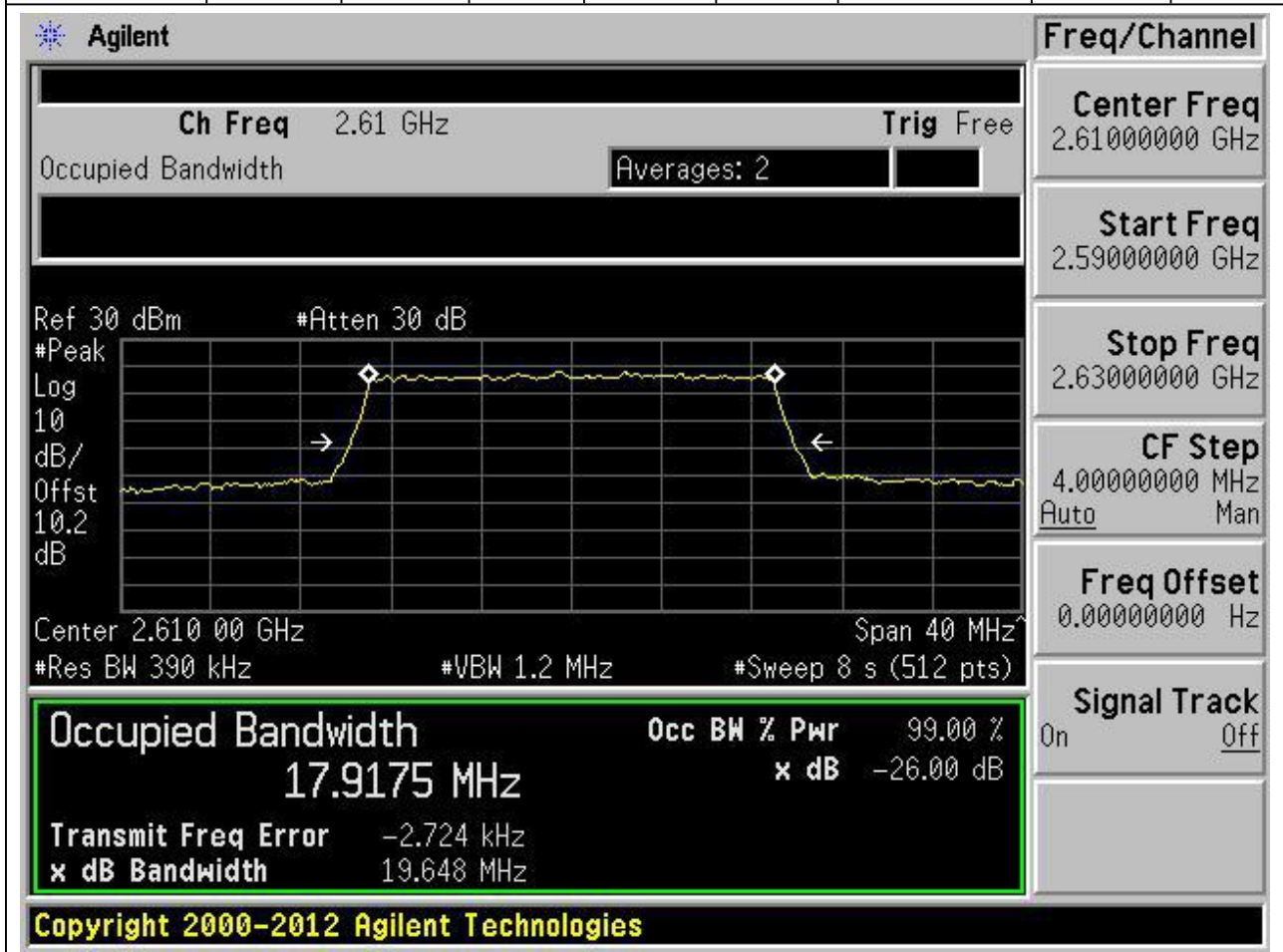
**13.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

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	17.904	19.48	20	Pass

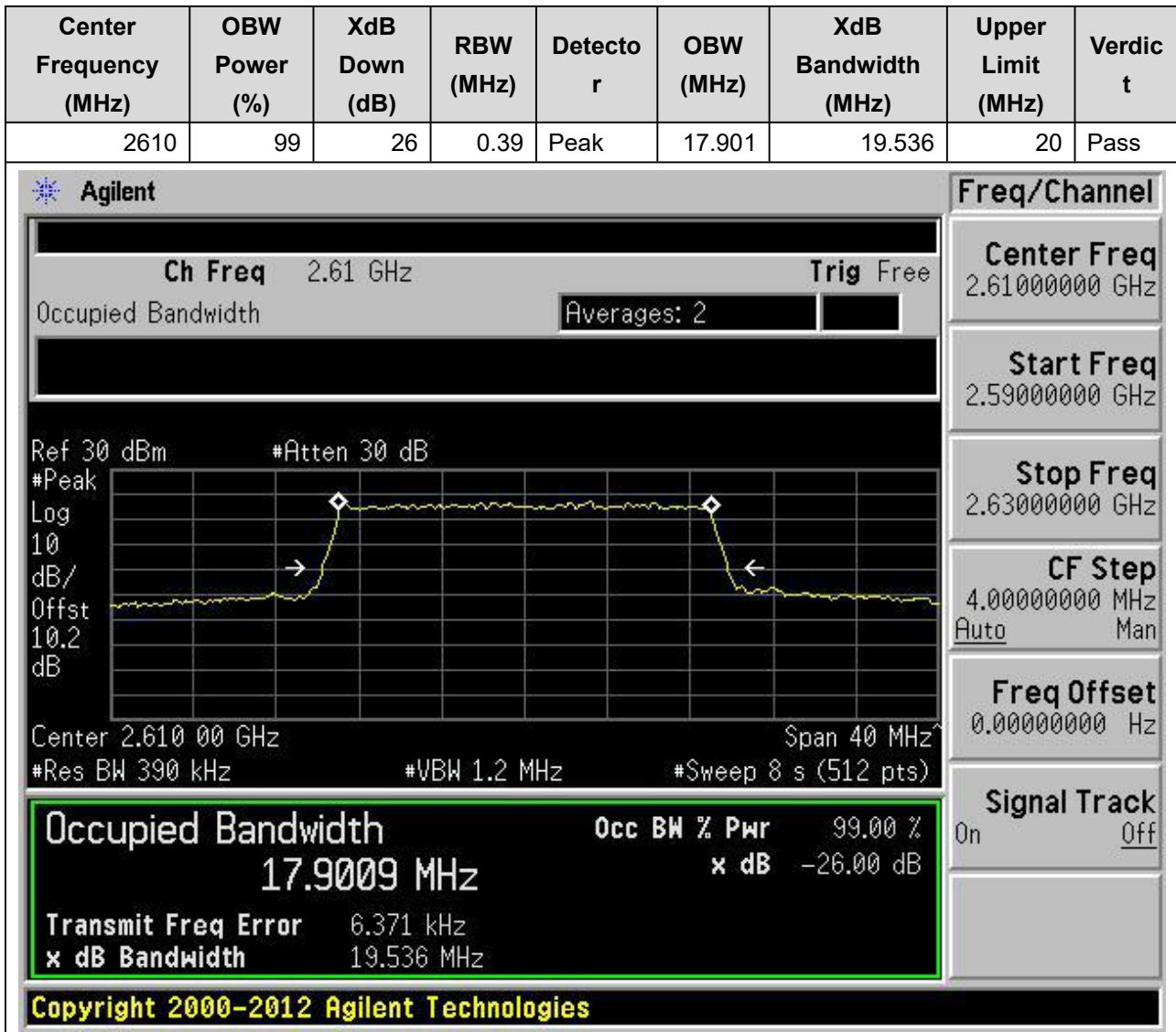


**13.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

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	17.917	19.648	20	Pass

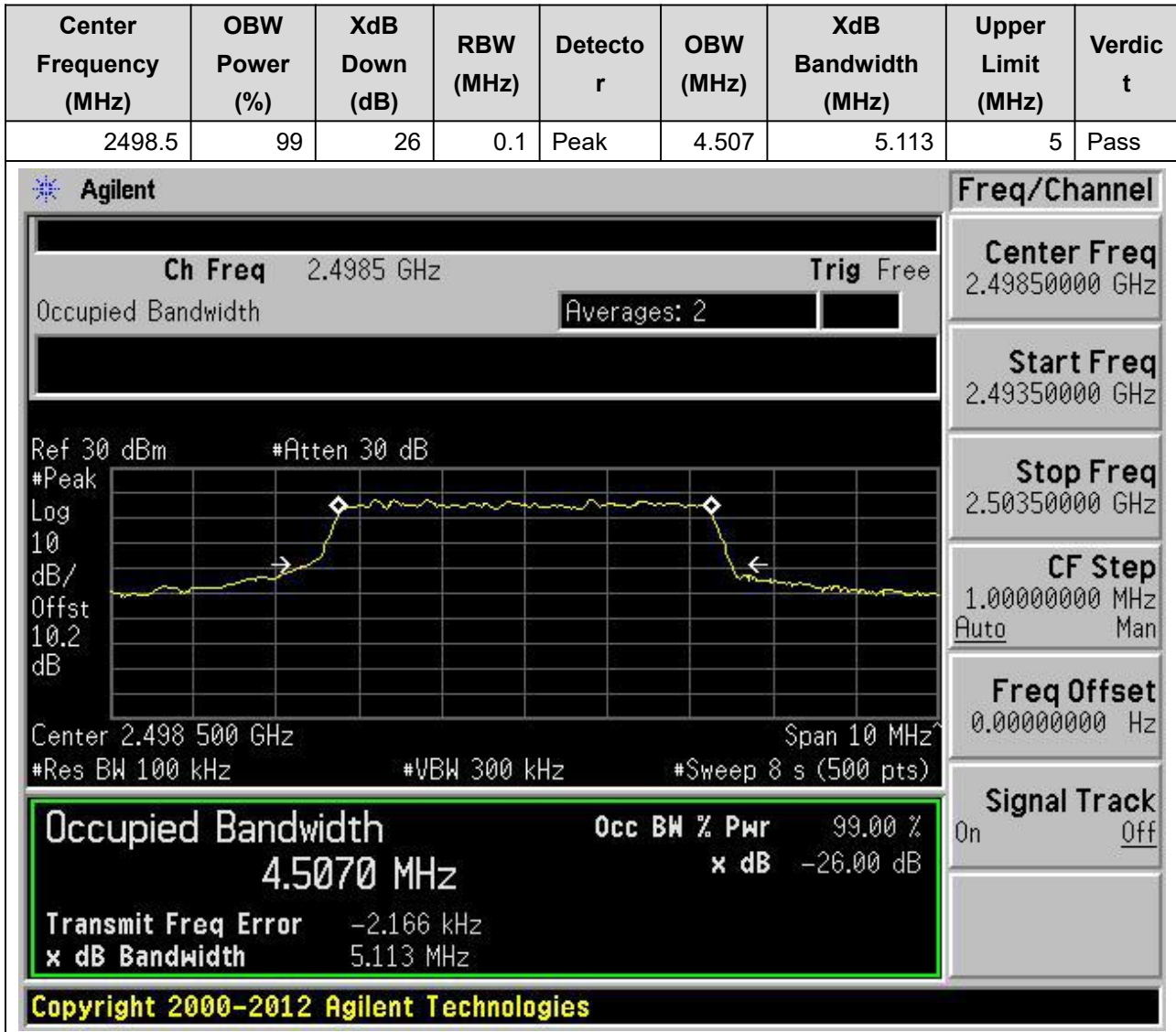


**13.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



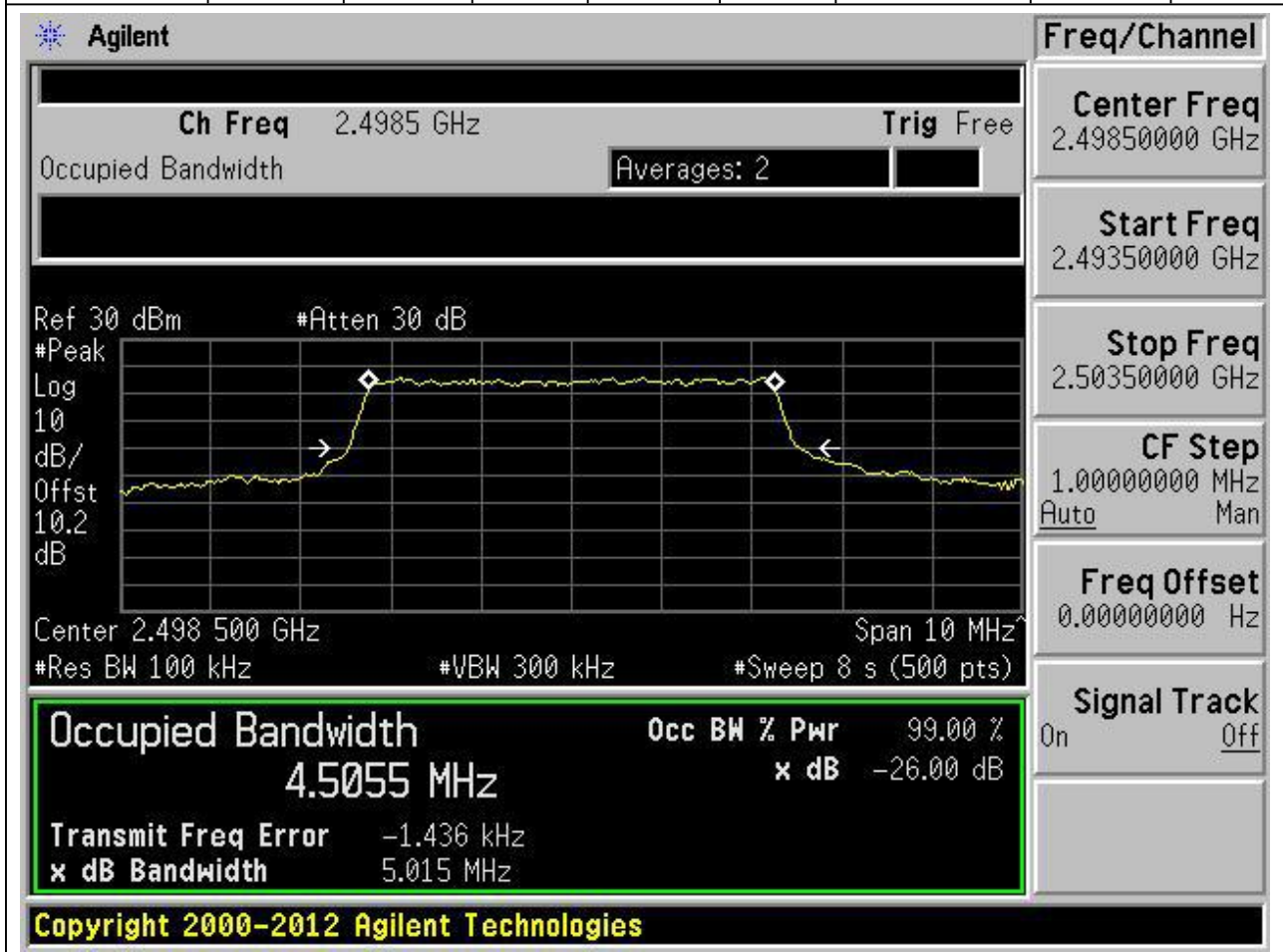
## 14. LTE\_Band41 full

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



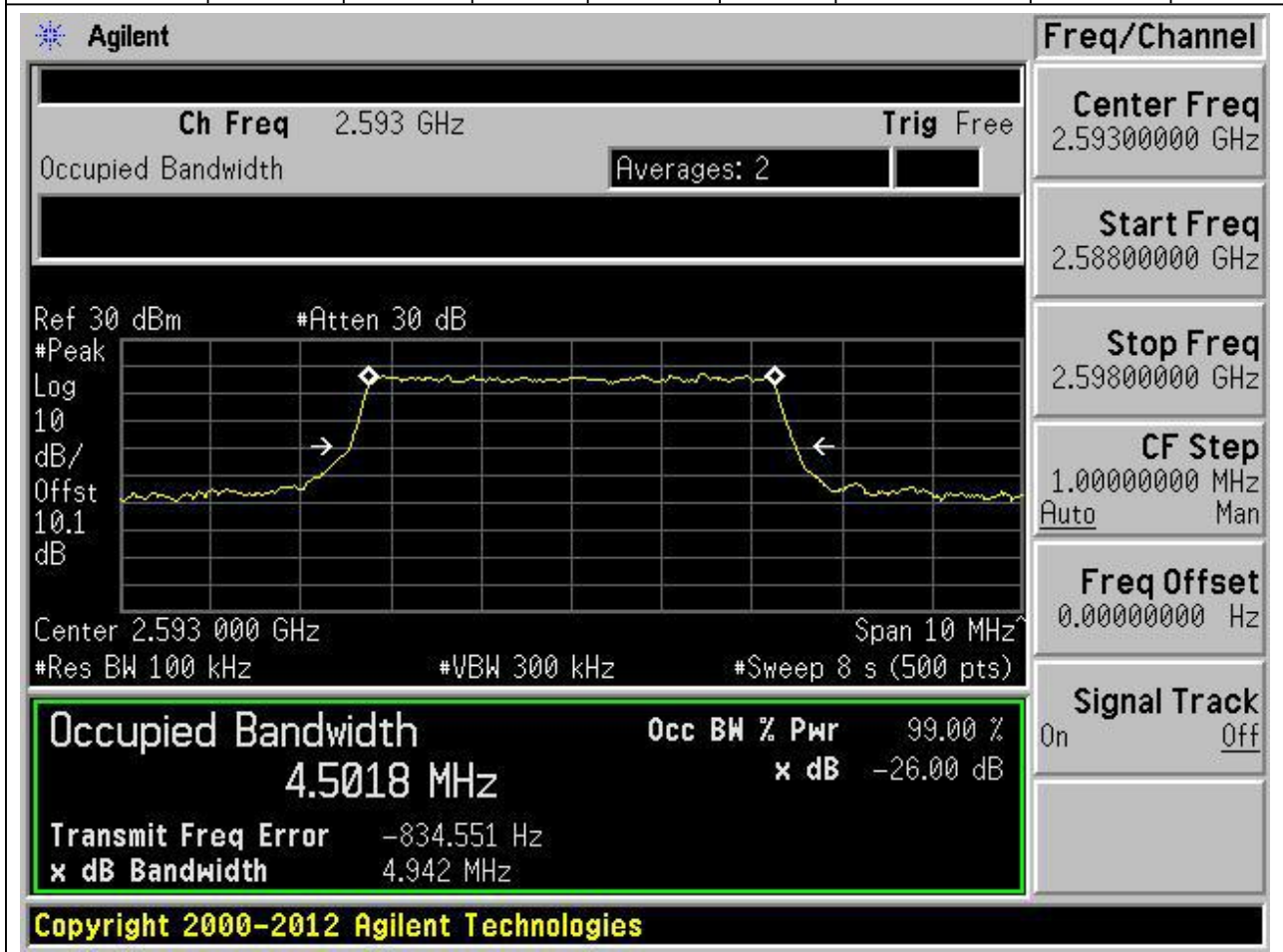
**14.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2498.5	99	26	0.1	Peak	4.505	5.015	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.502	4.942	5	Pass

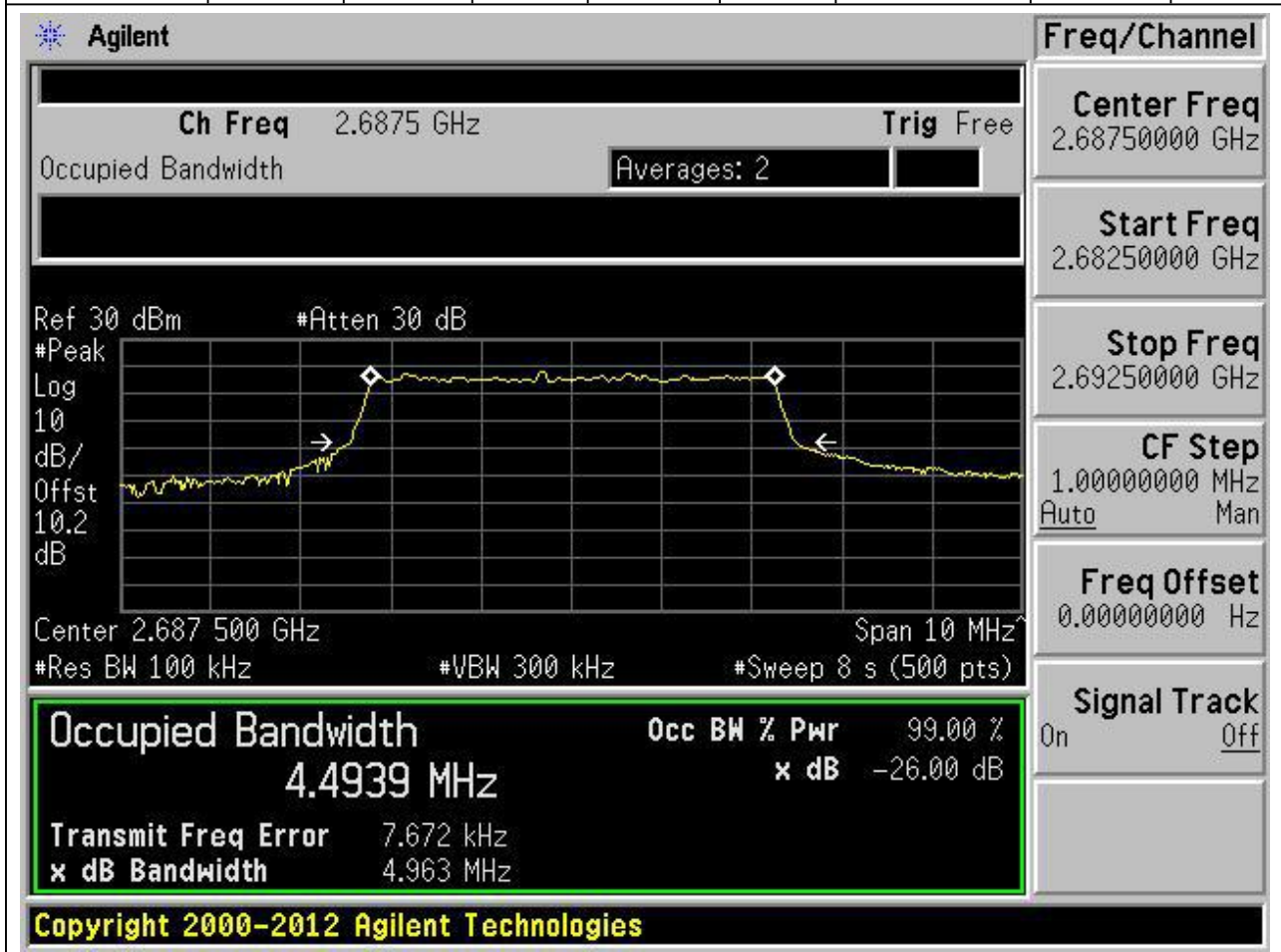


**14.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:40620, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



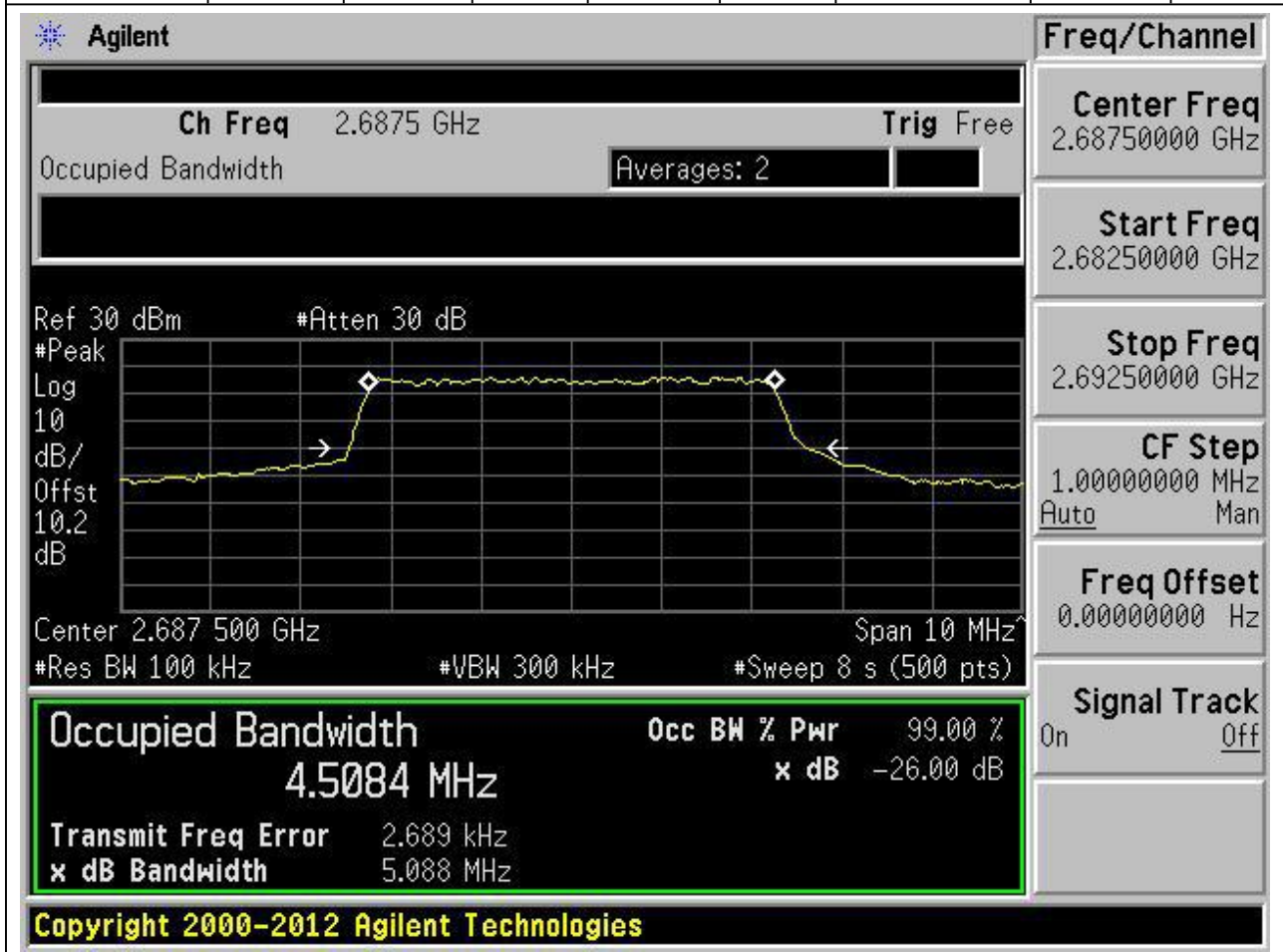
**14.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.494	4.963	5	Pass

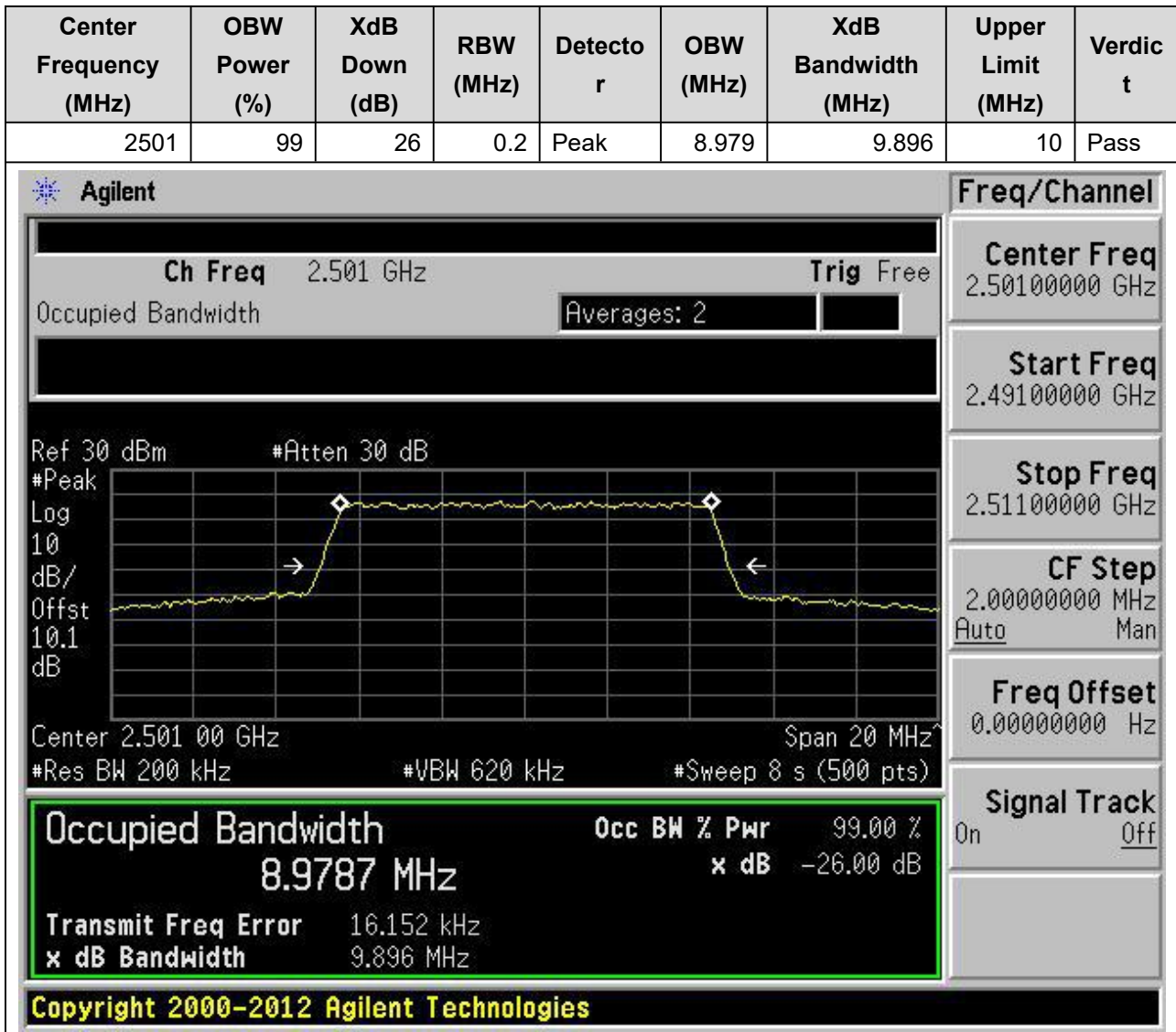


**14.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.508	5.088	5	Pass

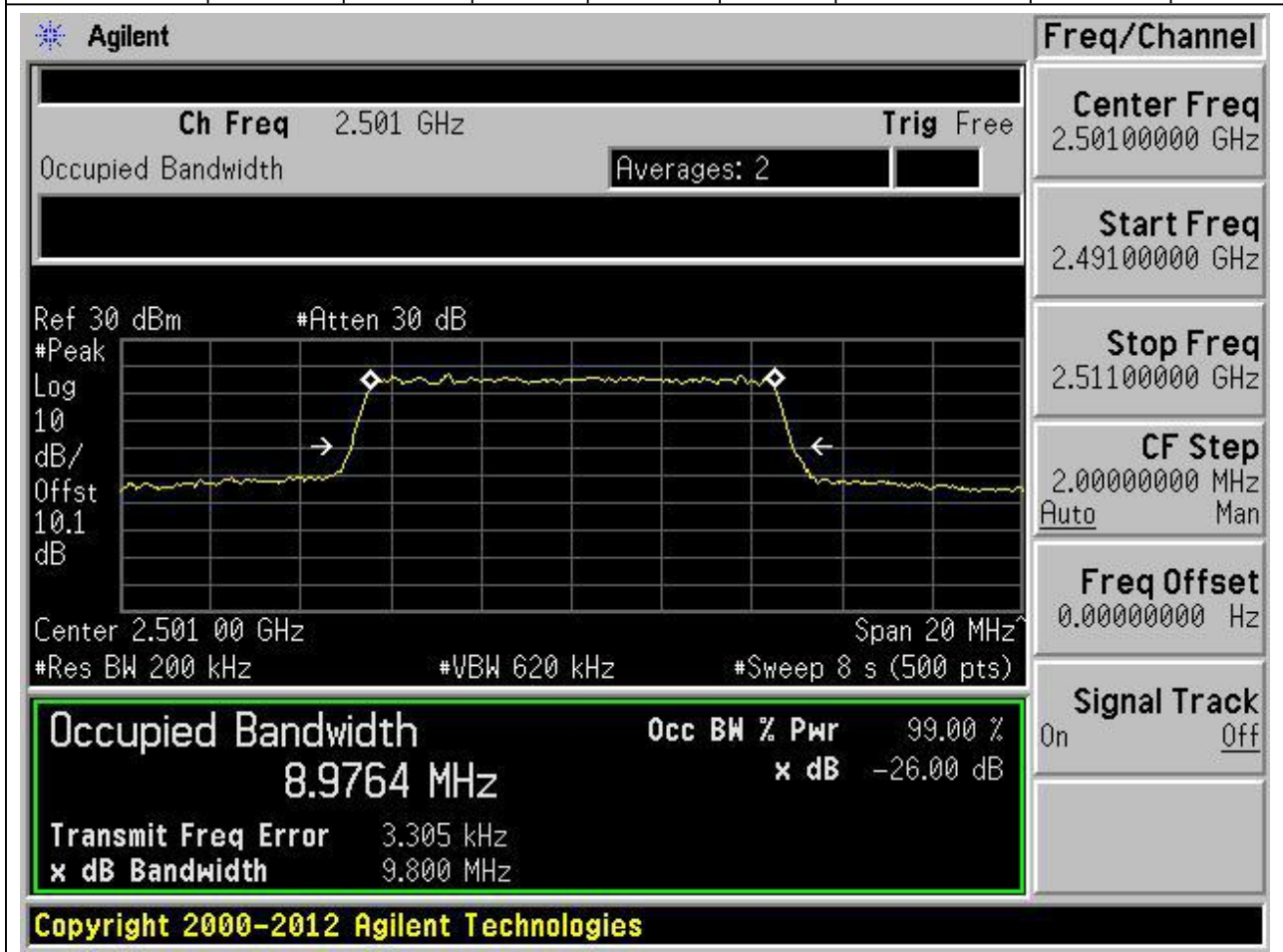


**14.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



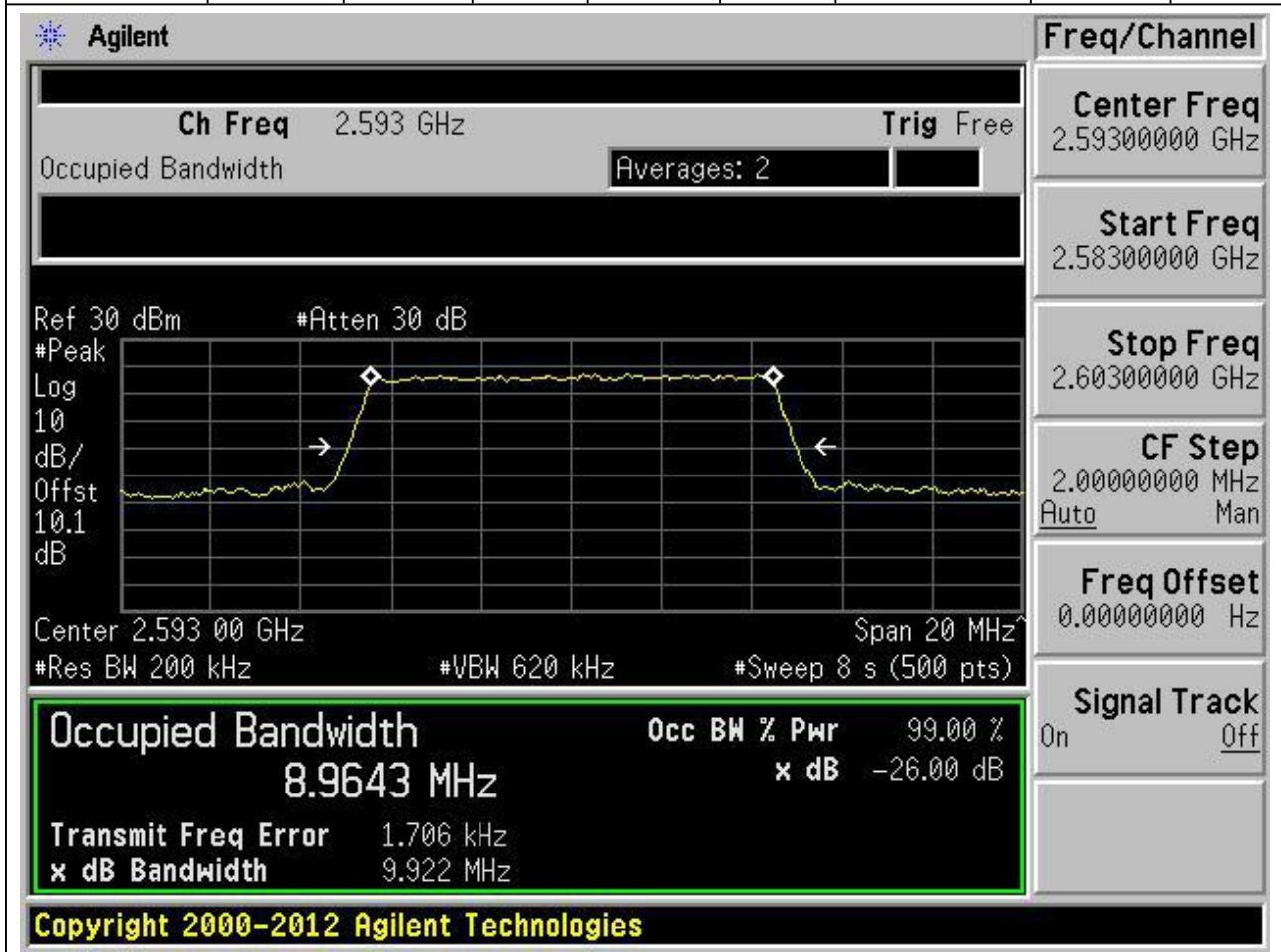
**14.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:39700, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.976	9.8	10	Pass



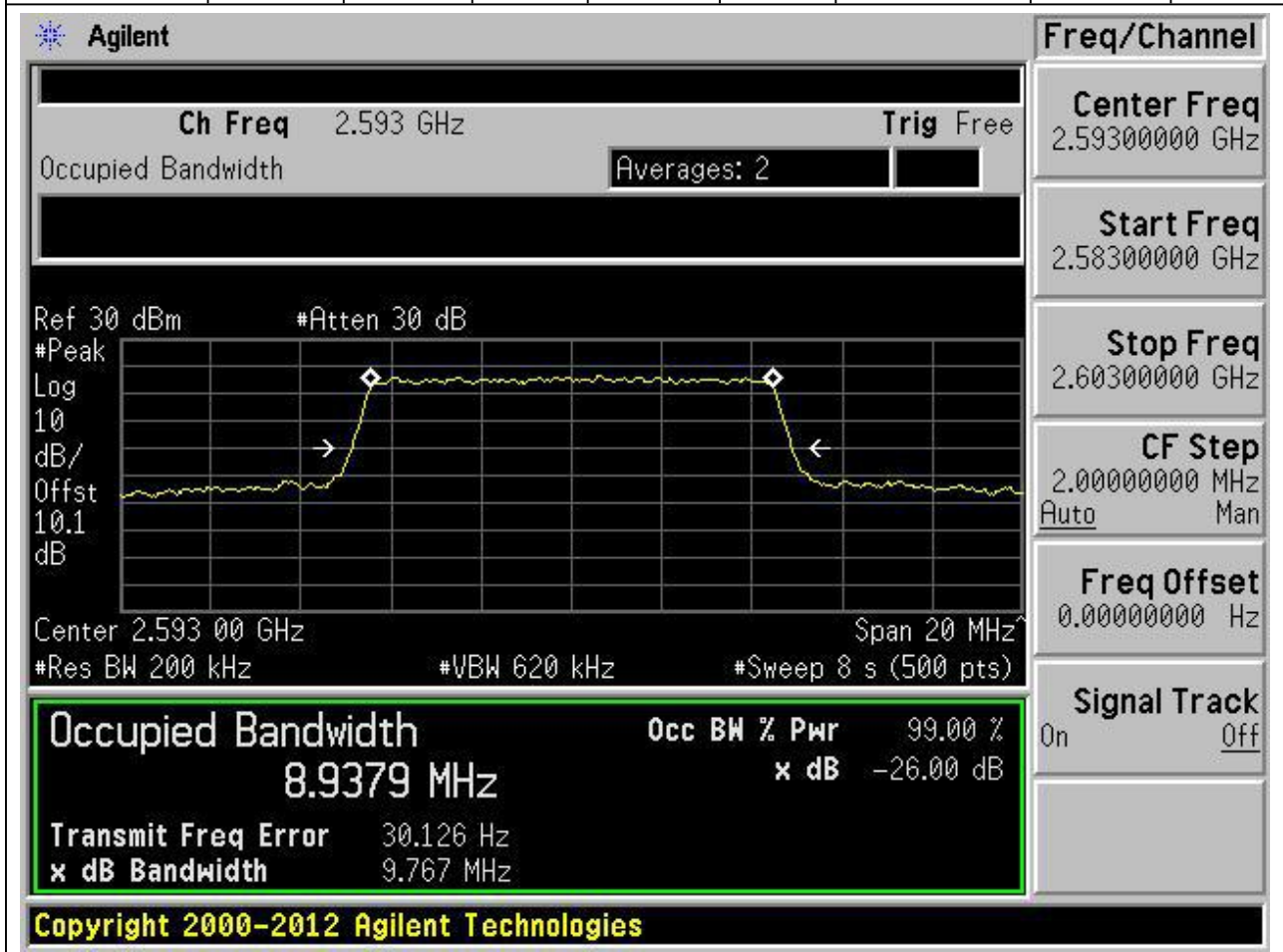
**14.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.964	9.922	10	Pass



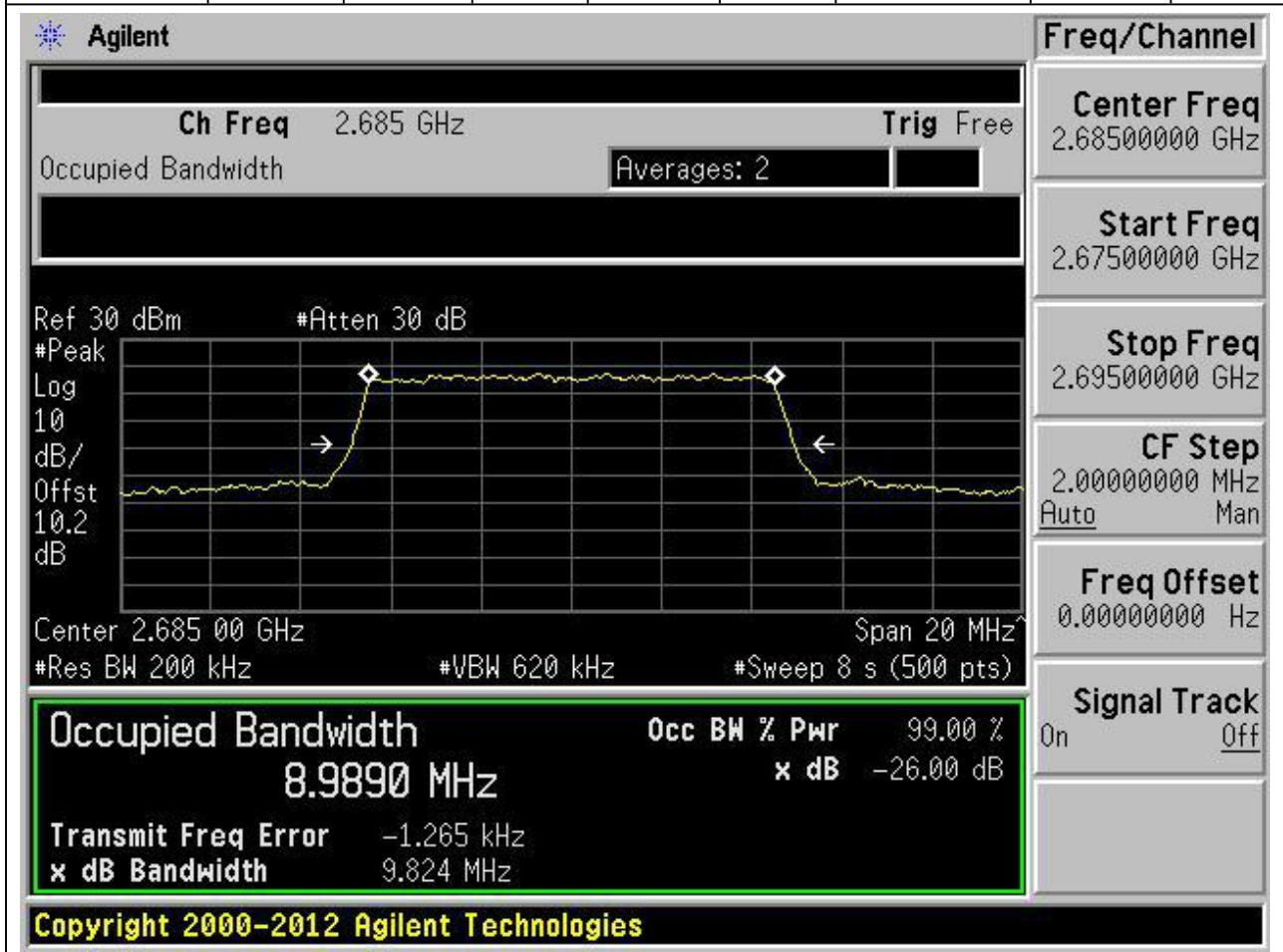
**14.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:40620, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.938	9.767	10	Pass

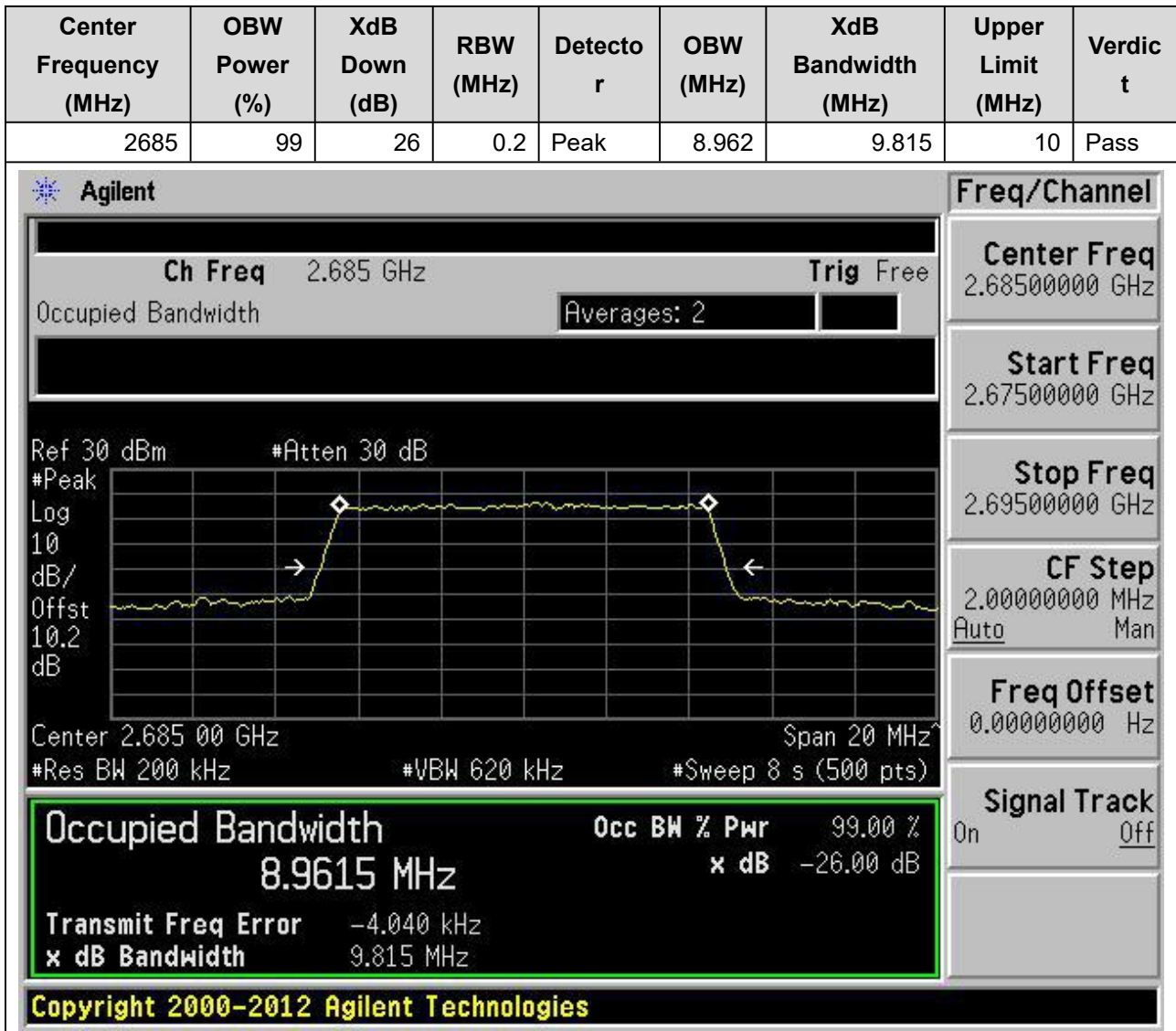


**14.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	8.989	9.824	10	Pass

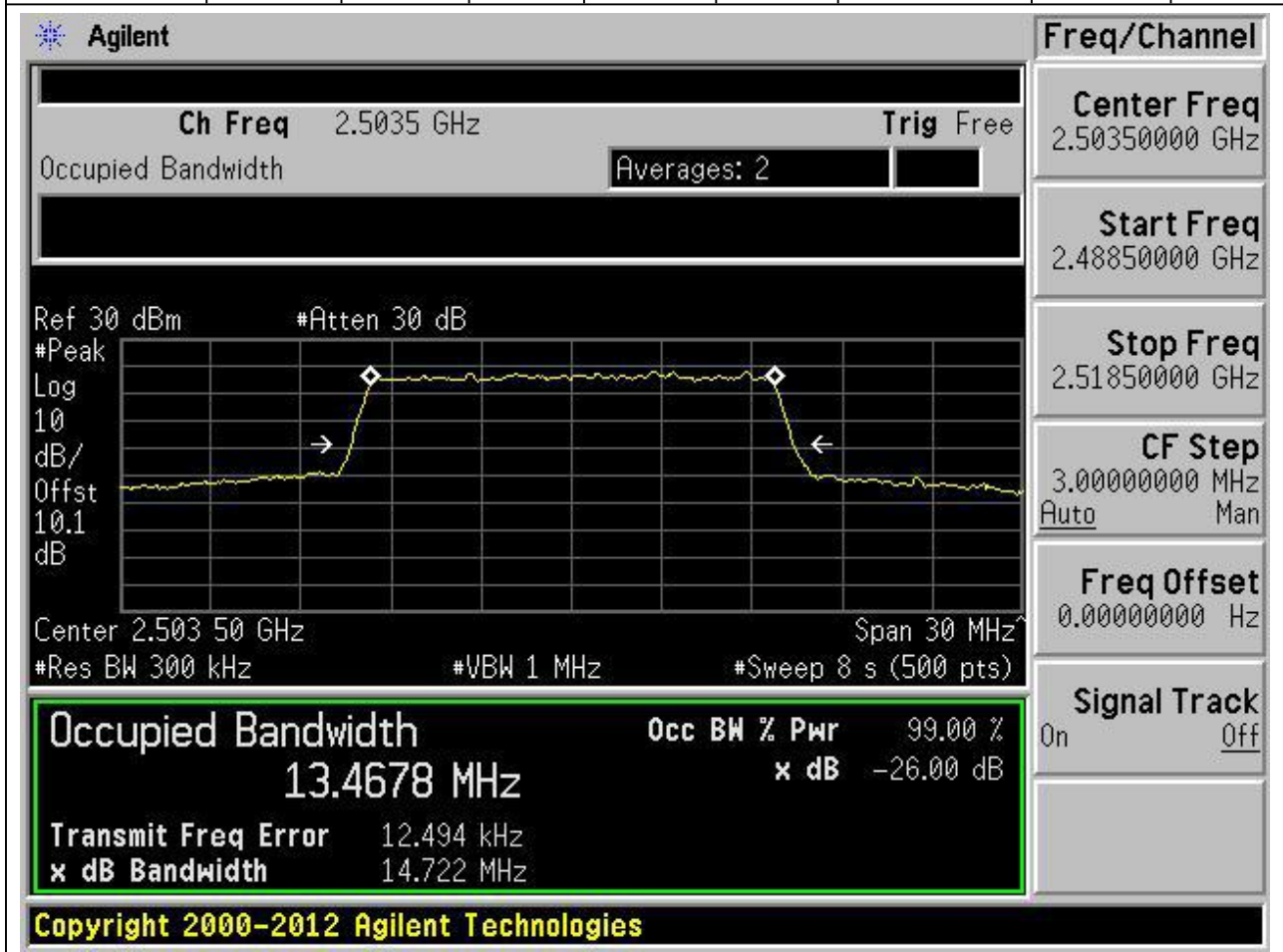


**14.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:41540, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**



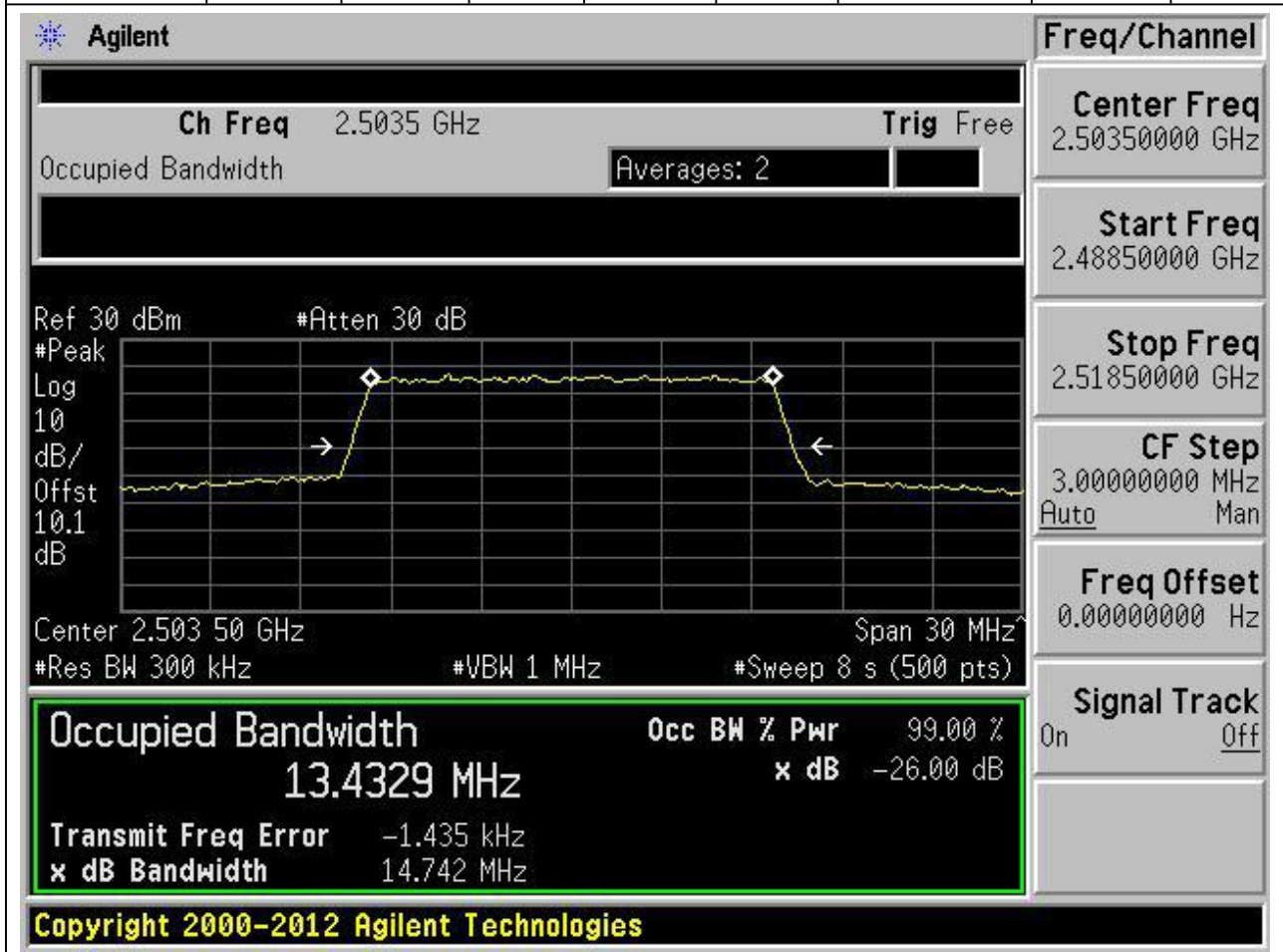
**14.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.468	14.722	15	Pass



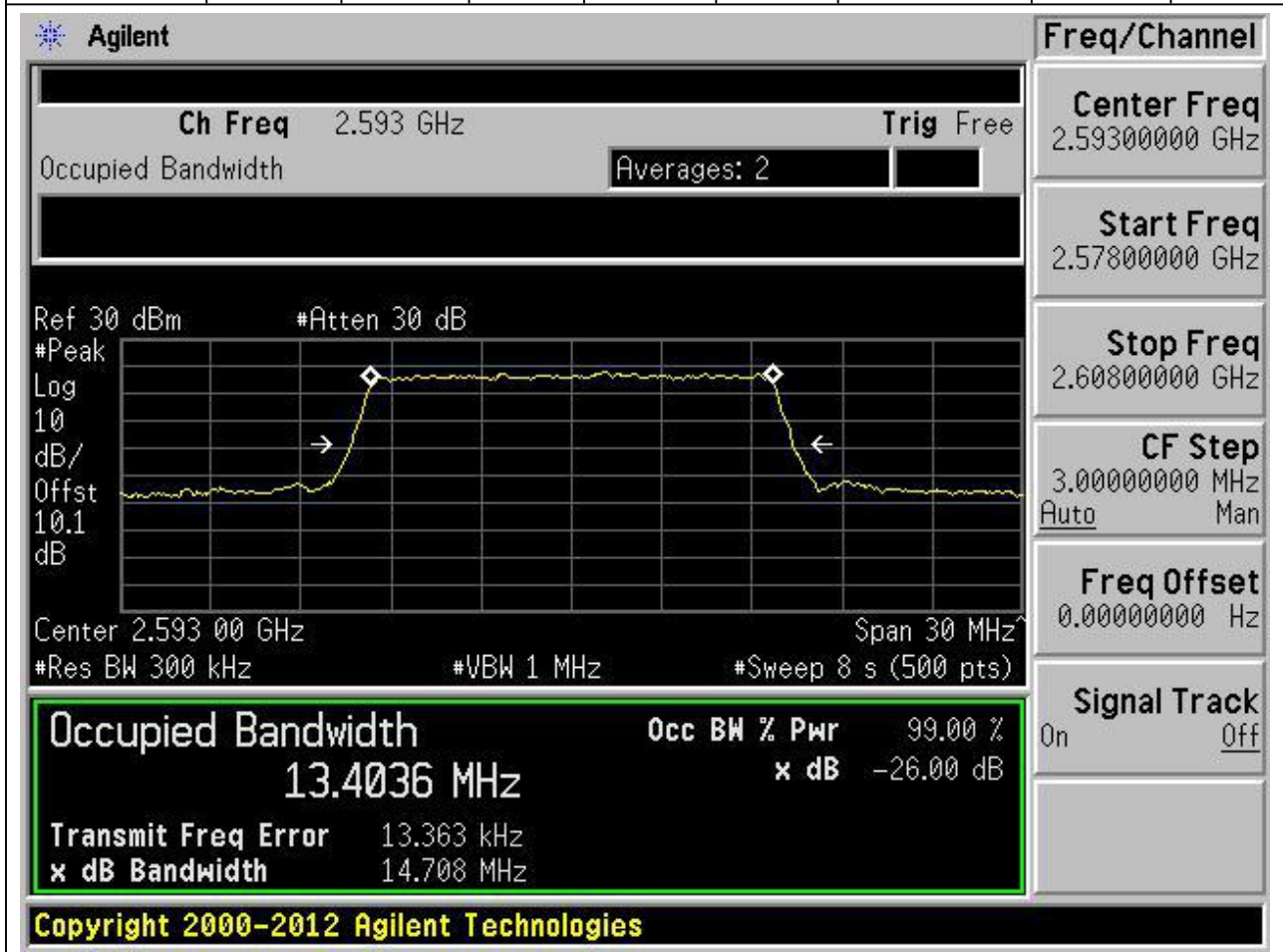
**14.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:39725, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.433	14.742	15	Pass



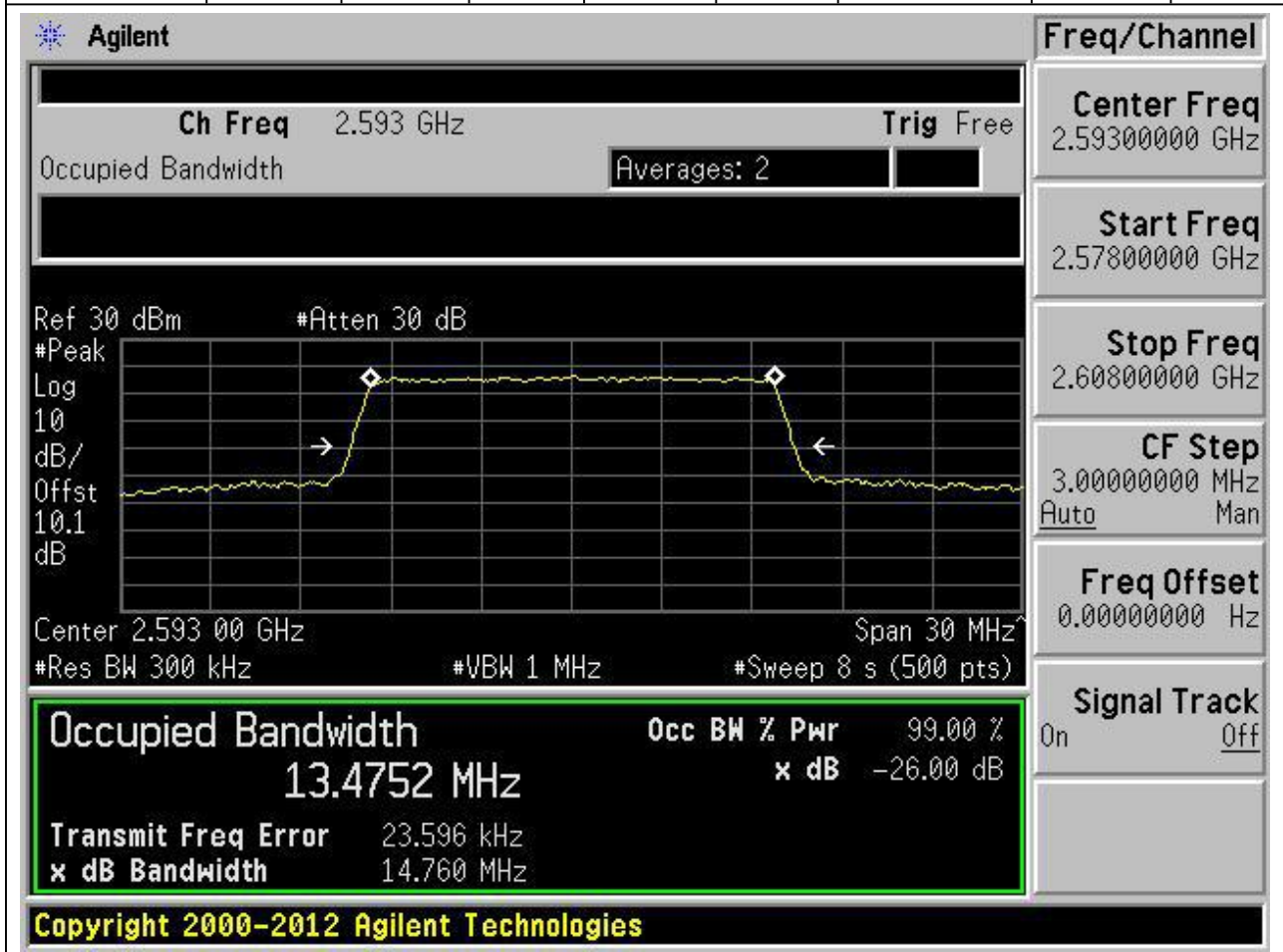
**14.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:40620, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.404	14.708	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.475	14.76	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.385	14.713	15	Pass

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

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

Occupied Bandwidth Averages: 2

**Center Freq**  
2.68250000 GHz

**Start Freq**  
2.66750000 GHz

**Stop Freq**  
2.69750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm      #Atten 30 dB

Center 2.682 50 GHz      Span 30 MHz

#Res BW 300 kHz      #VBW 1 MHz      #Sweep 8 s (500 pts)

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

13.3849 MHz

x dB      -26.00 dB

Transmit Freq Error      8.074 kHz

x dB Bandwidth      14.713 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.46	14.711	15	Pass

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

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

Occupied Bandwidth Averages: 2

**Center Freq**  
2.68250000 GHz

**Start Freq**  
2.66750000 GHz

**Stop Freq**  
2.69750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB

Center 2.682 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 8 s (500 pts)

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

**13.4595 MHz** **x dB** -26.00 dB

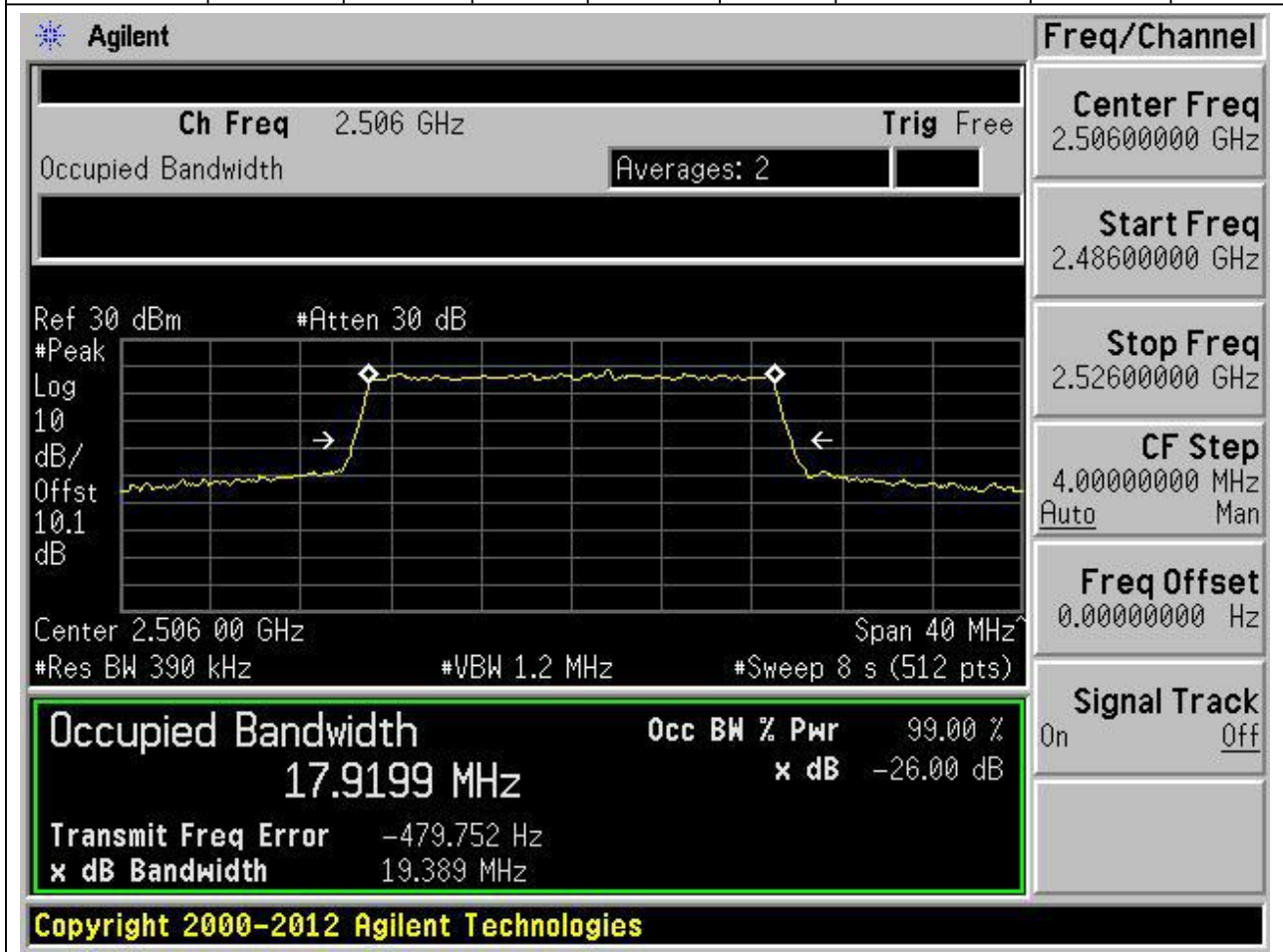
**Transmit Freq Error** -7.281 kHz

**x dB Bandwidth** 14.711 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.92	19.389	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.896	19.534	20	Pass

**Agilent**

Ch Freq 2.506 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.1 dB

Center 2.506 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 8 s (512 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**17.8958 MHz** x dB -26.00 dB

Transmit Freq Error -6.108 kHz  
x dB Bandwidth 19.534 MHz

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**Freq/Channel**

Center Freq 2.50600000 GHz

Start Freq 2.48600000 GHz

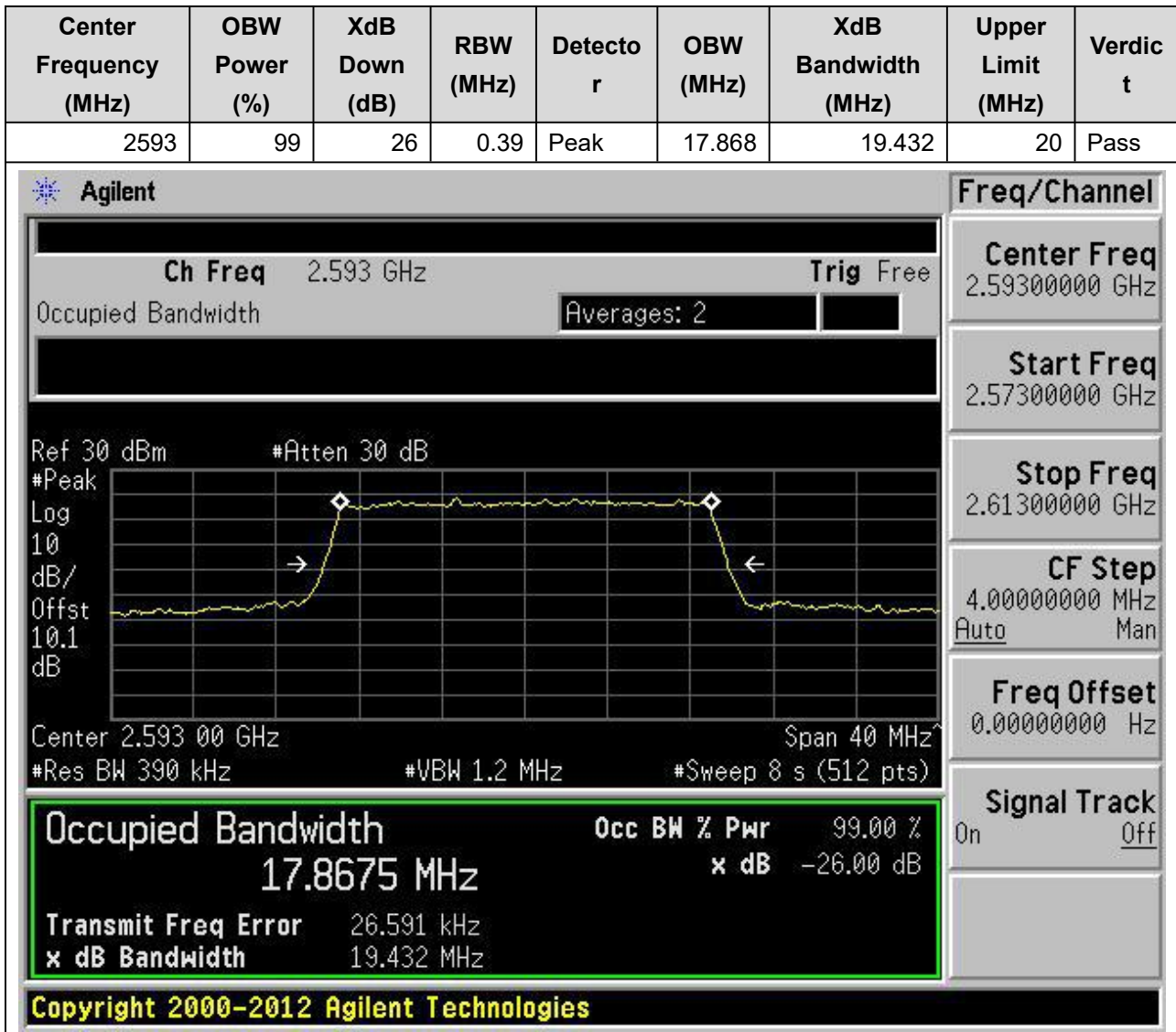
Stop Freq 2.52600000 GHz

CF Step 4.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

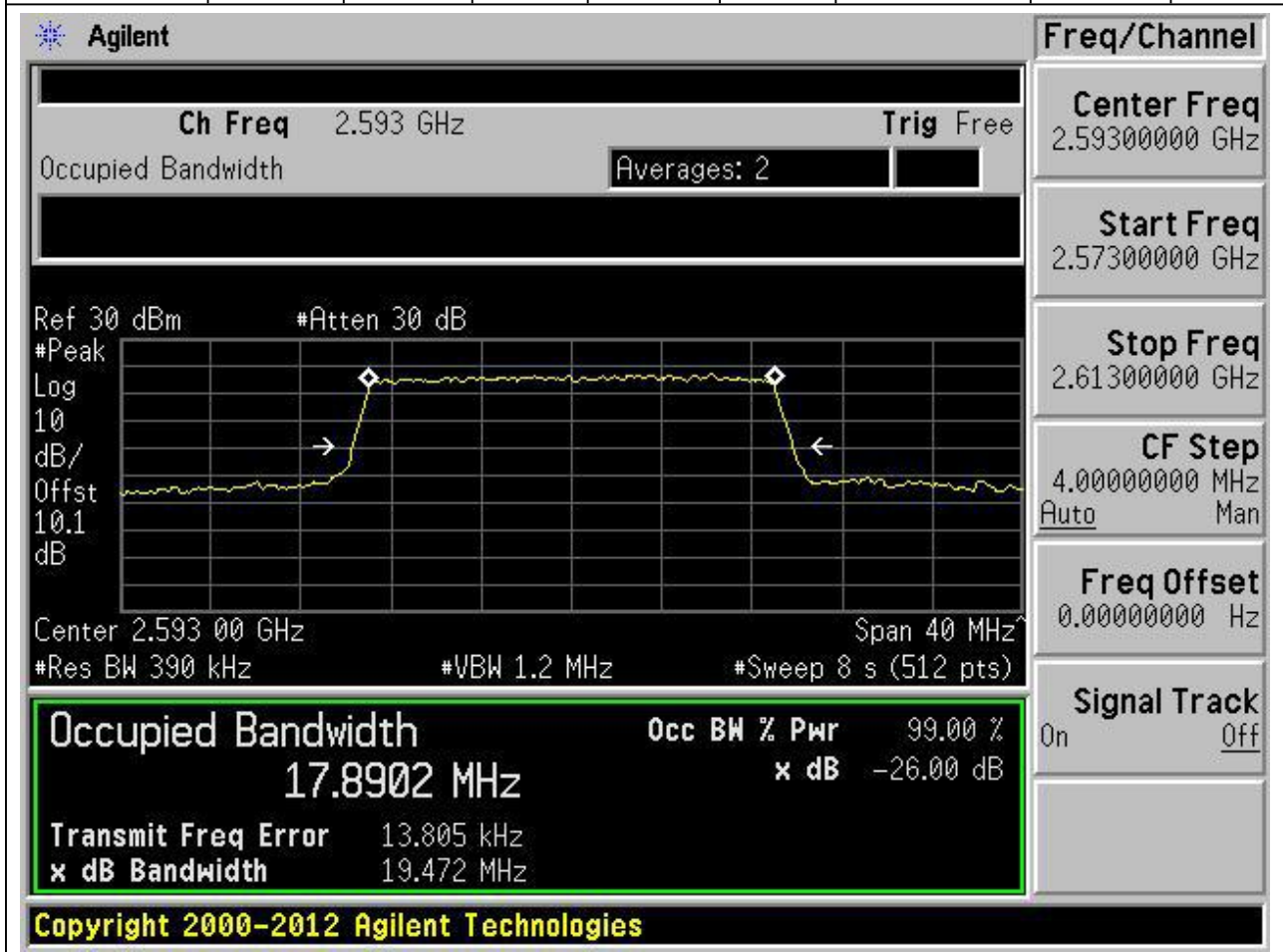
Signal Track On Off

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



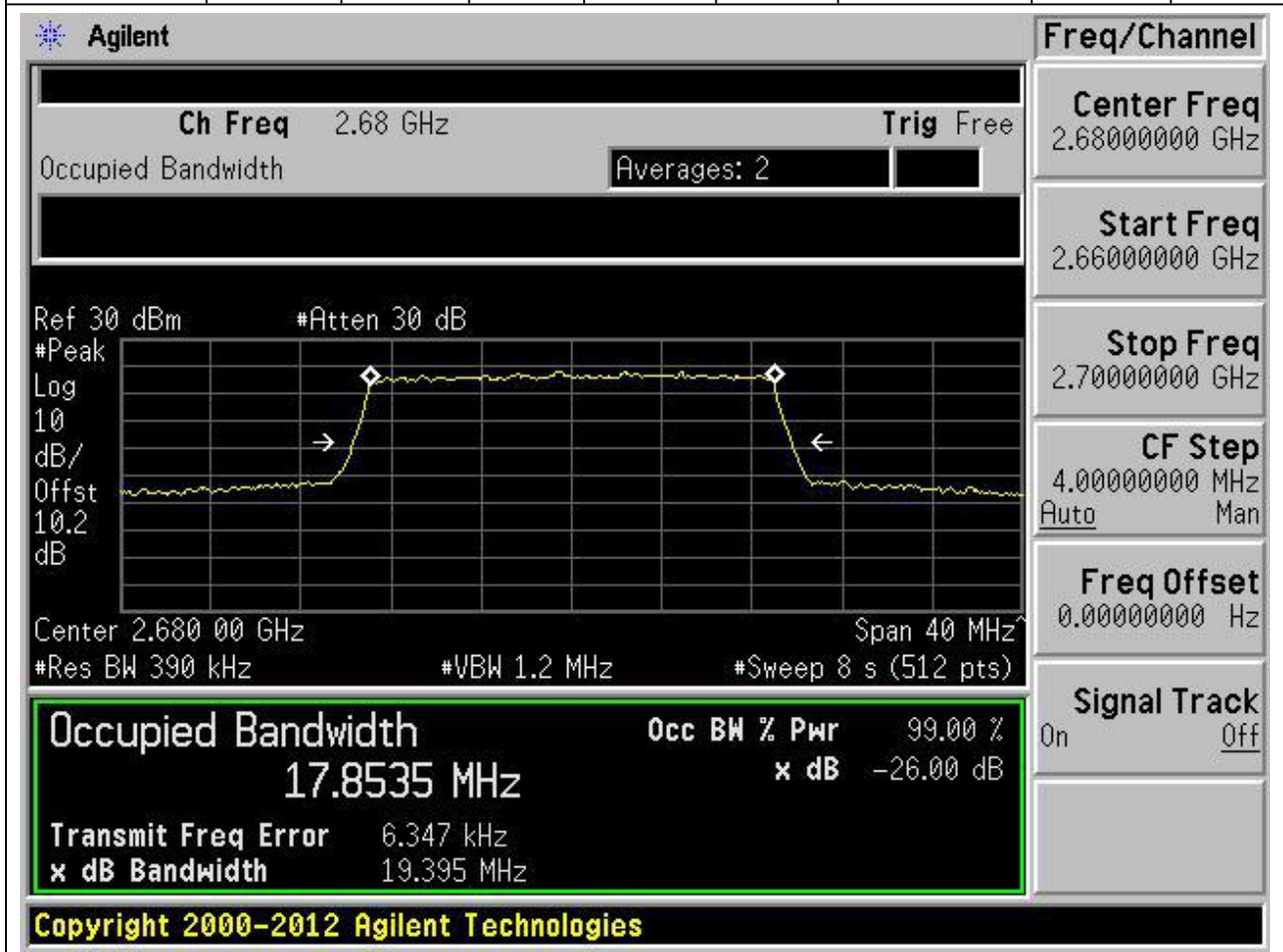
**14.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.89	19.472	20	Pass

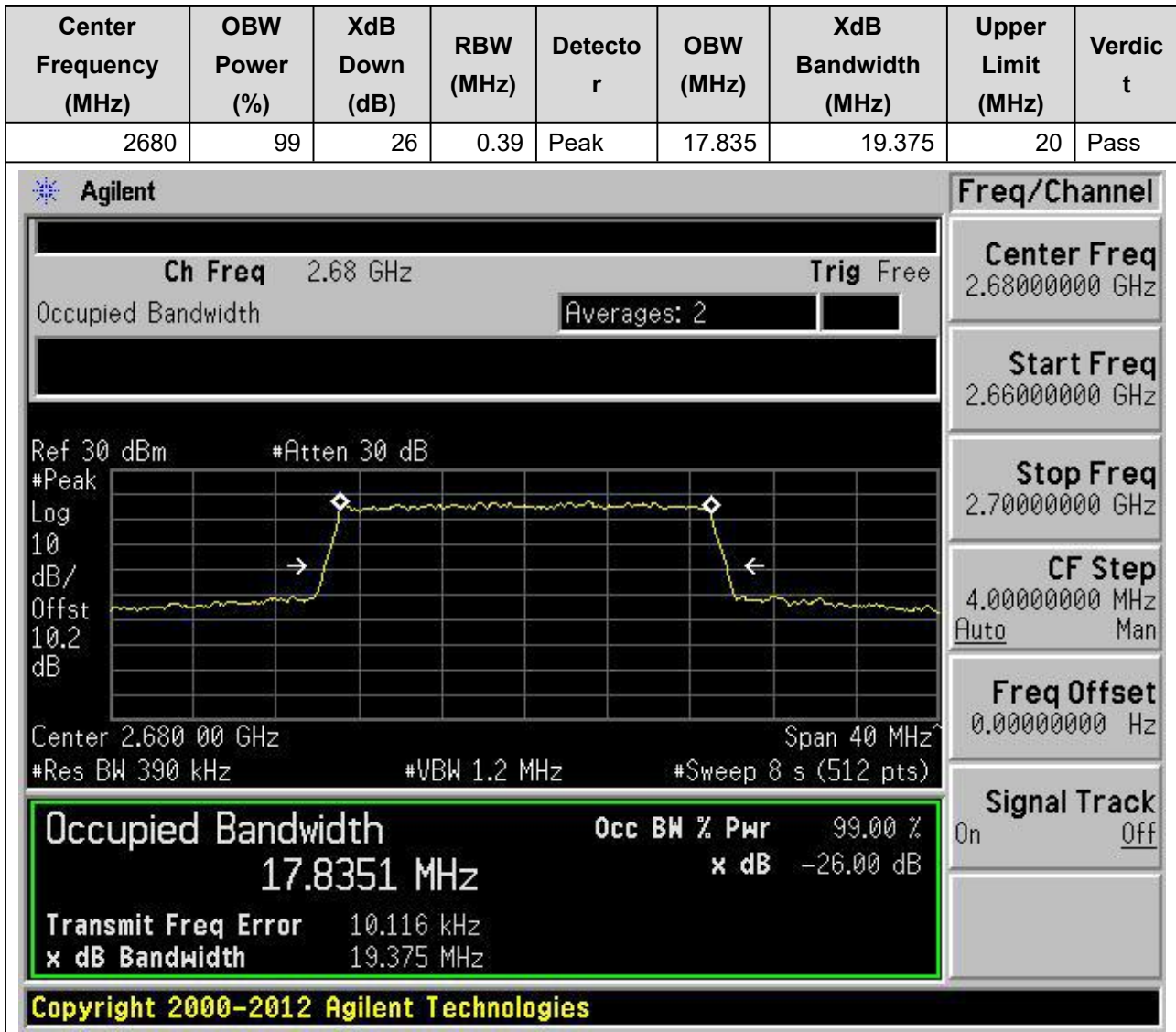


**14.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.853	19.395	20	Pass

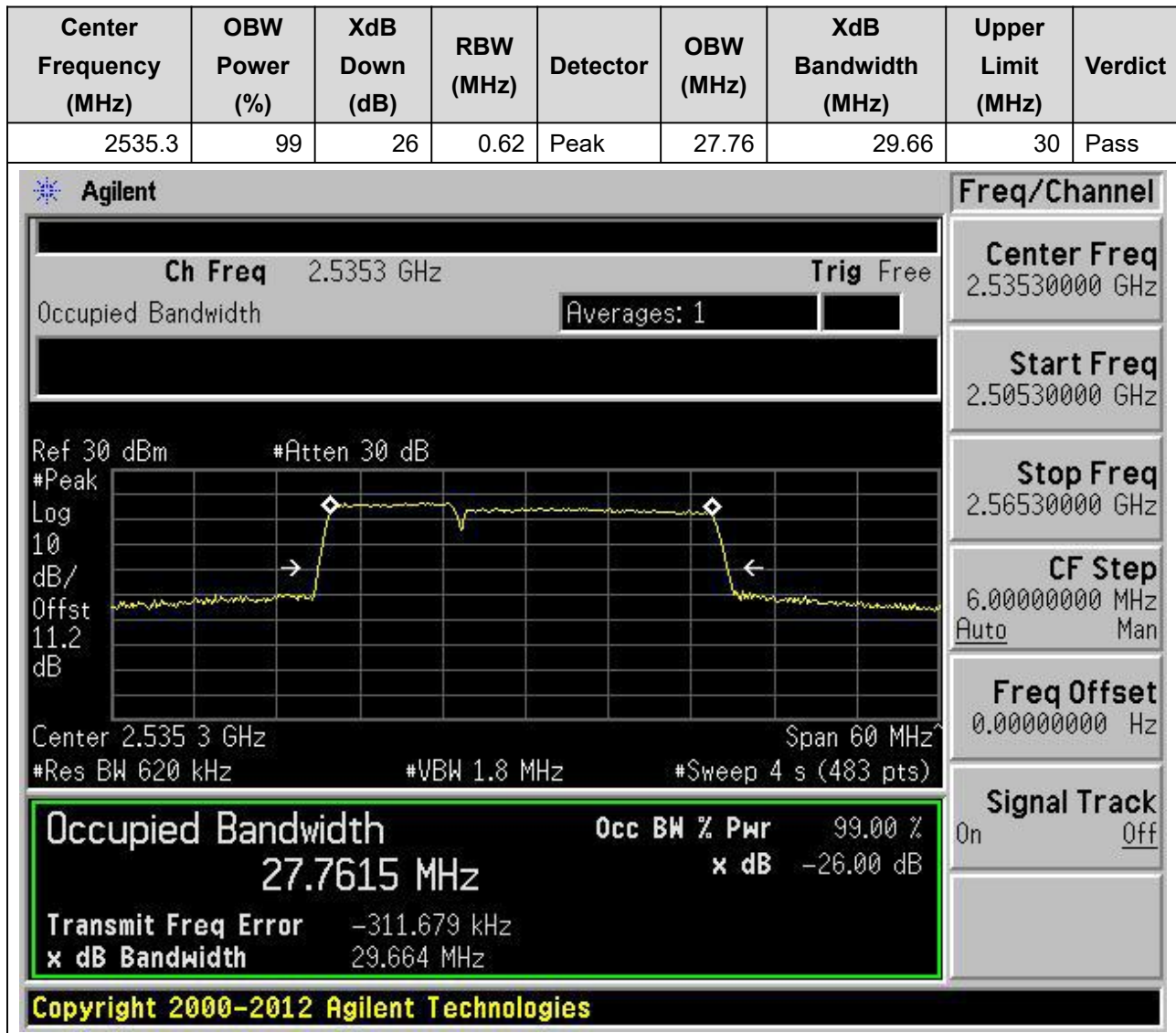


**14.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



## 15. CA\_7C

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.73	29.54	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5353 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.2 dB

Center 2.535 3 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

Center Freq 2.53530000 GHz

Start Freq 2.50530000 GHz

Stop Freq 2.56530000 GHz

CF Step 6.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**27.7253 MHz** x dB -26.00 dB

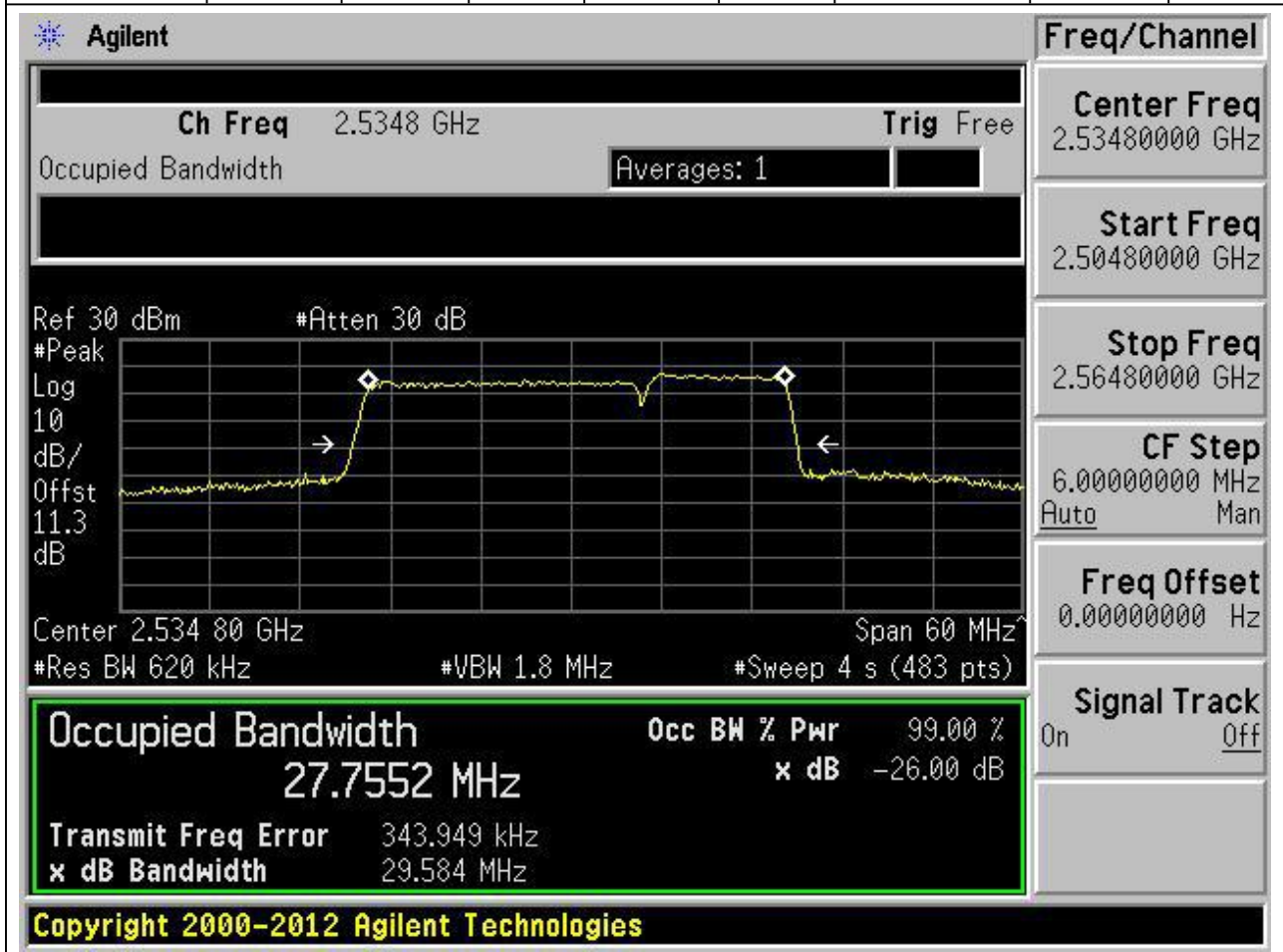
Transmit Freq Error -351.356 kHz

x dB Bandwidth 29.535 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.76	29.58	30	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.74	29.5	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5348 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.534 80 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

Center Freq 2.53480000 GHz

Start Freq 2.50480000 GHz

Stop Freq 2.56480000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

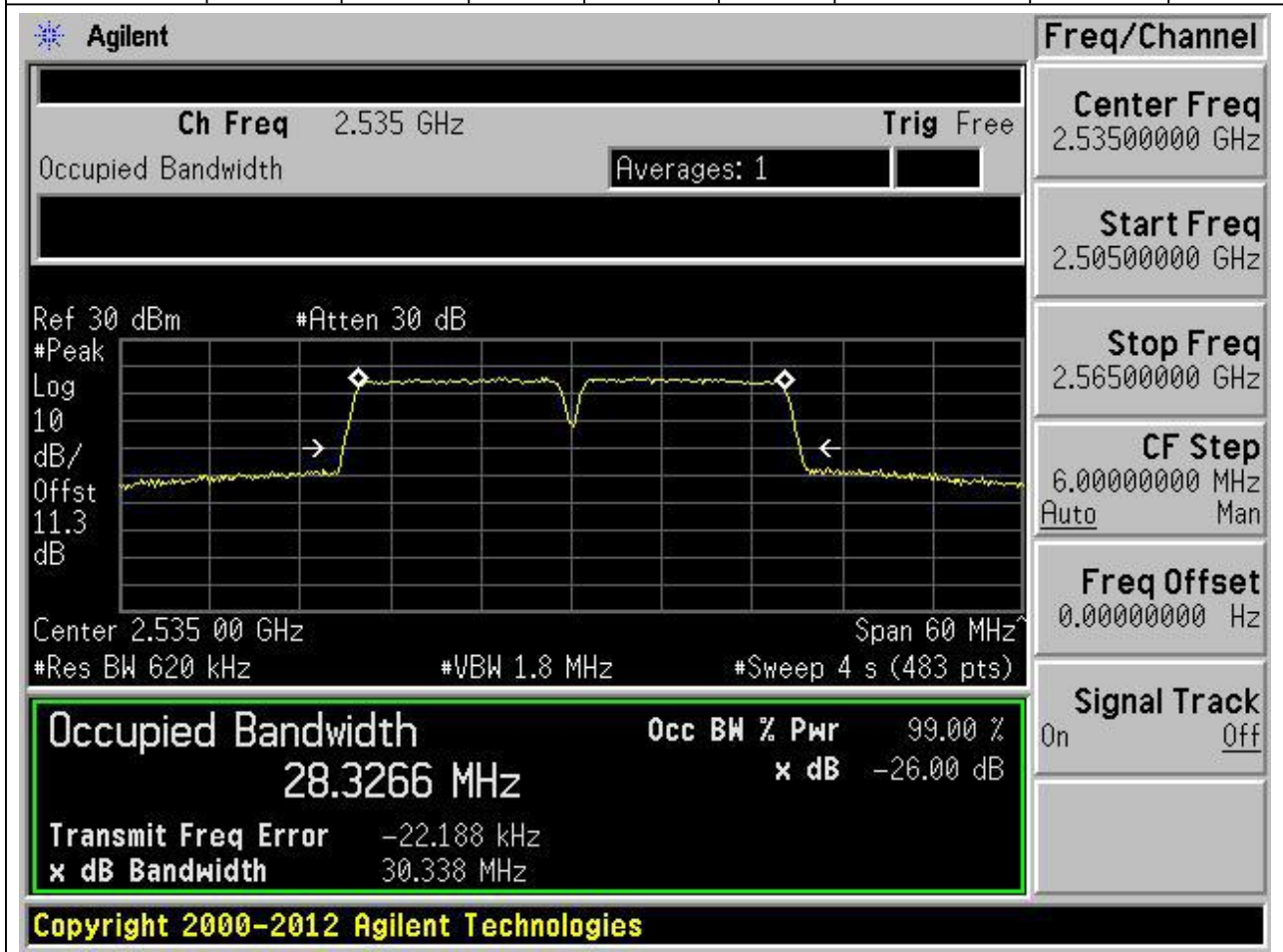
Signal Track On Off

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>27.7408 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	337.319 kHz	
<b>x dB Bandwidth</b>	29.502 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.33	30.34	30	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.41	30.31	30	Pass

Agilent
Freq/Channel

Ch Freq 2.535 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.535 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>28.4066 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> 16.932 kHz	
<b>x dB Bandwidth</b> 30.306 MHz	

<b>Signal Track</b>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Off
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**15.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:21003+21174, Bandwidth:15+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.65	34.81	35	Pass

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

**Ch Freq** 2.5351 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Center Freq**  
2.53510000 GHz

**Start Freq**  
2.50010000 GHz

**Stop Freq**  
2.57010000 GHz

**CF Step**  
7.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB

Center 2.535 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

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

**32.6491 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -161.780 kHz

**x dB Bandwidth** 34.814 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.59	34.77	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5351 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.3 dB

Center 2.535 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

Center Freq 2.53510000 GHz

Start Freq 2.50010000 GHz

Stop Freq 2.57010000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>32.5852 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -171.070 kHz	
<b>x dB Bandwidth</b> 34.774 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.58	34.77	35	Pass

**Agilent**

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.3 dB

Center 2.534 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

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

**32.5758 MHz** x dB -26.00 dB

Transmit Freq Error 158.806 kHz

x dB Bandwidth 34.765 MHz

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**Freq/Channel**

Center Freq 2.53490000 GHz

Start Freq 2.49990000 GHz

Stop Freq 2.56990000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.61	34.71	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.534 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

Center Freq 2.53490000 GHz

Start Freq 2.49990000 GHz

Stop Freq 2.56990000 GHz

CF Step 7.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**32.6110 MHz** x dB -26.00 dB

Transmit Freq Error 182.620 kHz

x dB Bandwidth 34.711 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.53	39.95	40	Pass

**Agilent**

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.535 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 4 s (487 pts)

**Freq/Channel**

Center Freq 2.53500000 GHz

Start Freq 2.49500000 GHz

Stop Freq 2.57500000 GHz

CF Step 8.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**37.5272 MHz** x dB -26.00 dB

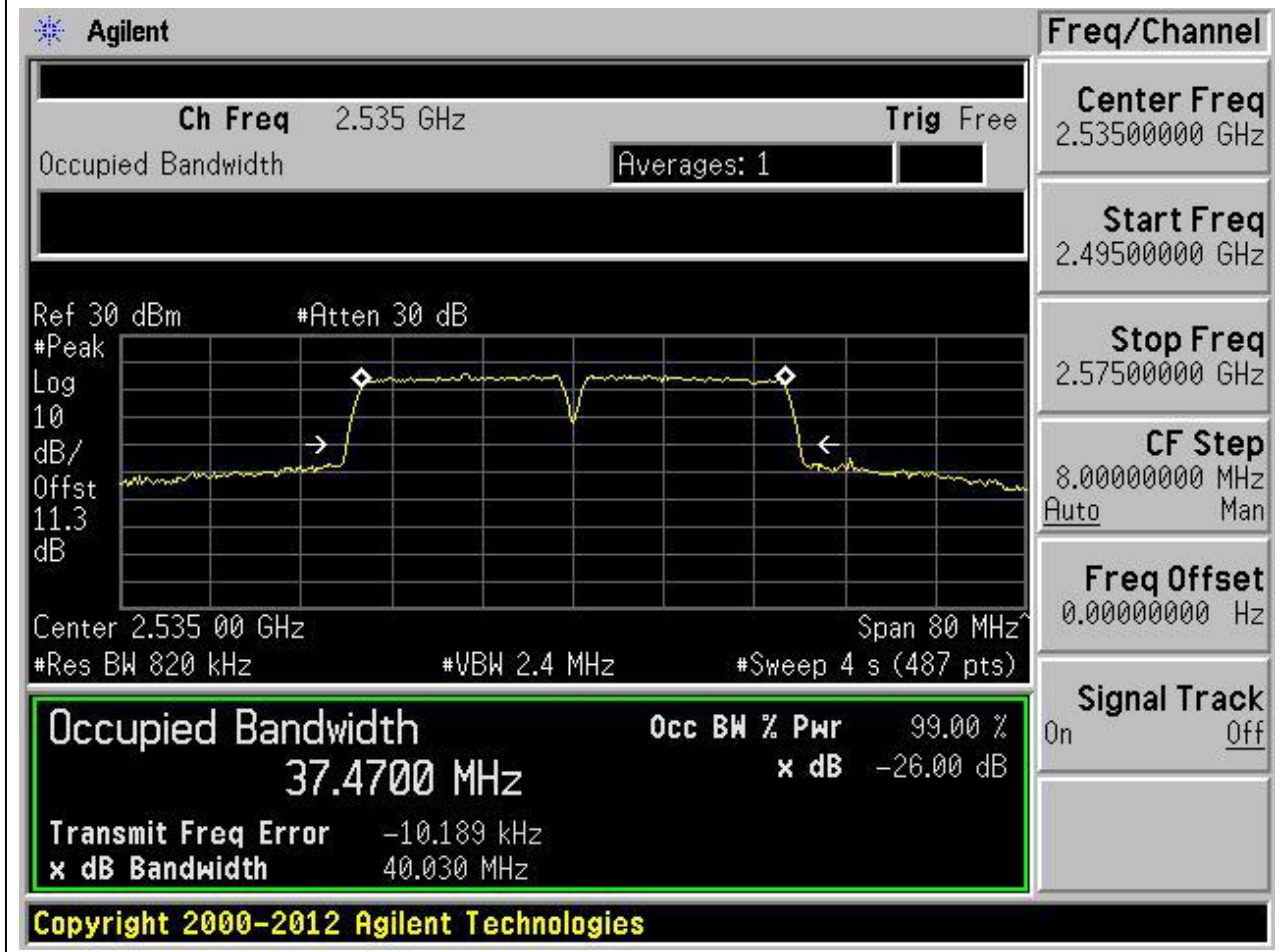
Transmit Freq Error 2.690 kHz

x dB Bandwidth 39.954 MHz

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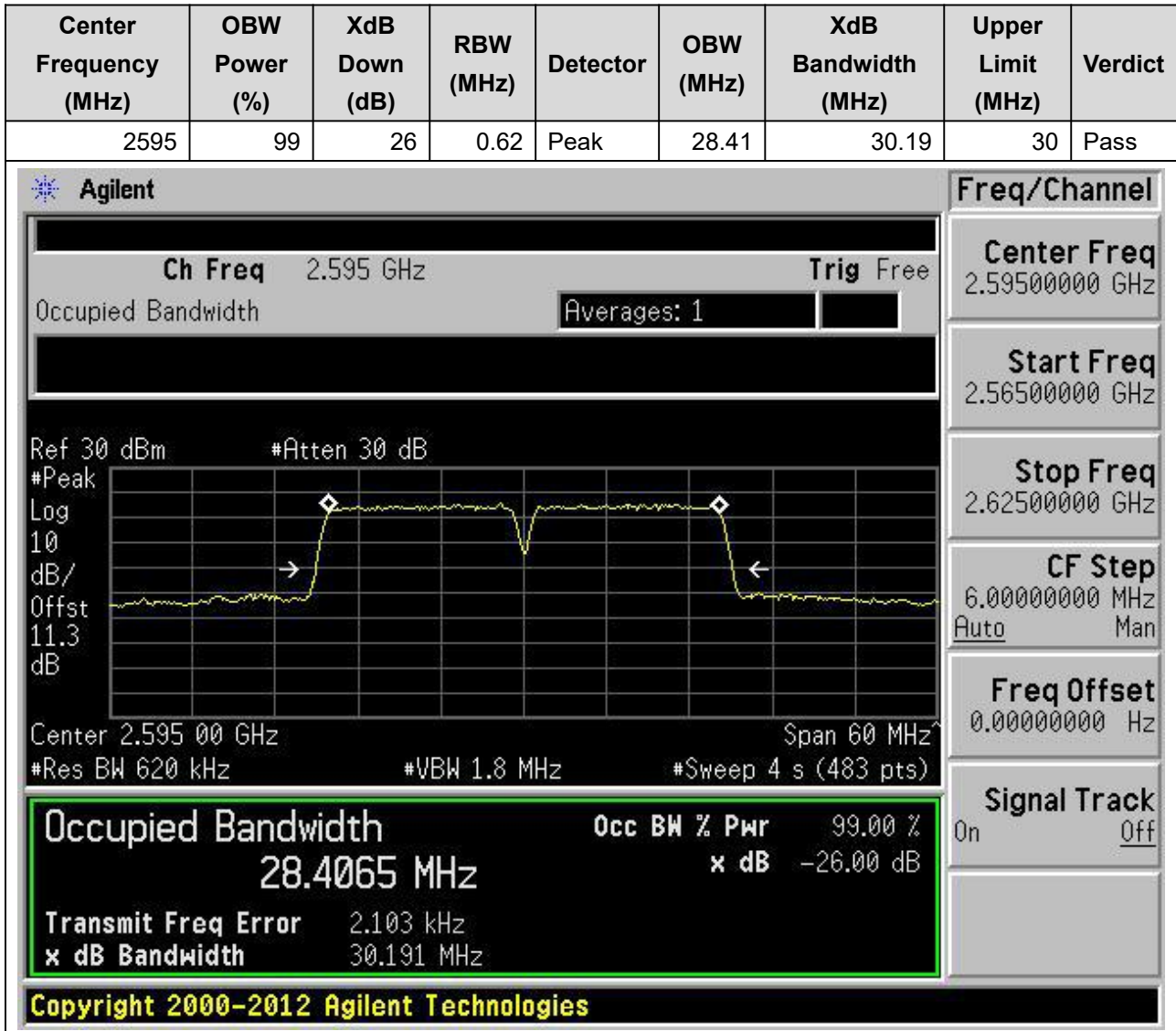
**15.12. CA Occupied Bandwidth(NTNV)(Subtest:12, Channel:21001+21199, Bandwidth:20+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.47	40.03	40	Pass



## 16. CA\_38C

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	28.45	30.4	30	Pass

Agilent
Freq/Channel

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.595 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

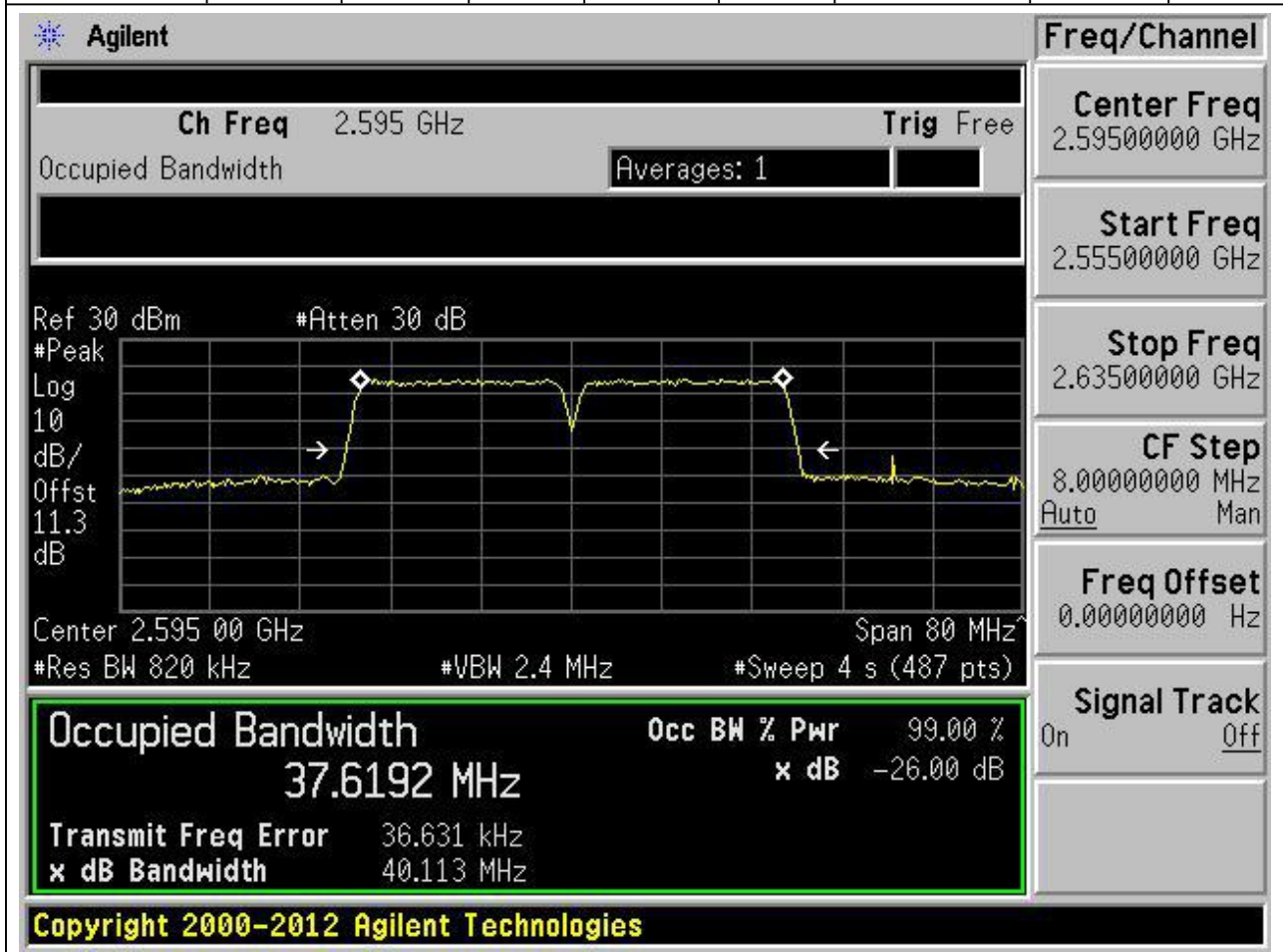
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>28.4462 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> 12.877 kHz	
<b>x dB Bandwidth</b> 30.402 MHz	

<b>Signal Track</b>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Off
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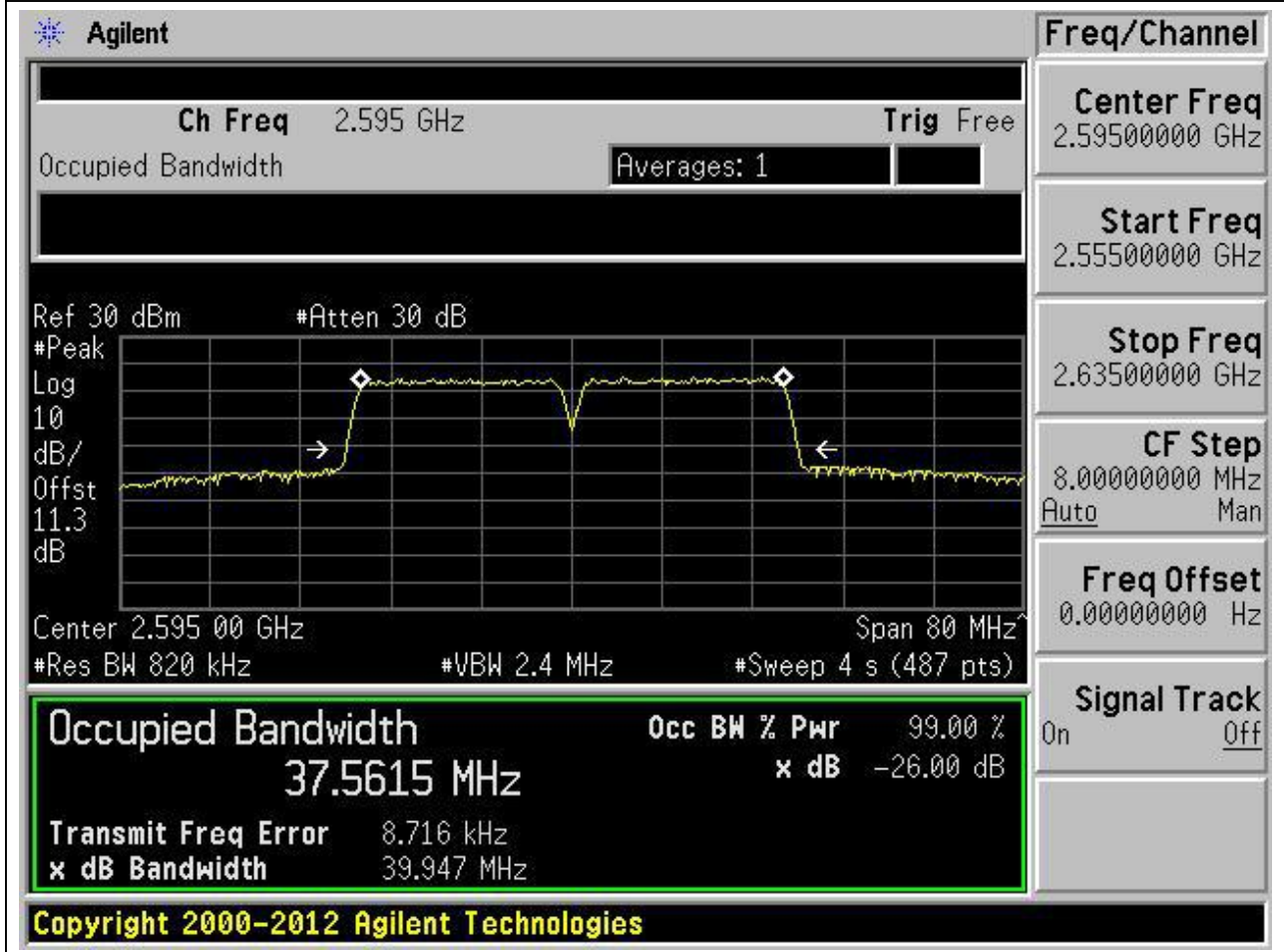
**16.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:37901+38099, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.62	40.11	40	Pass



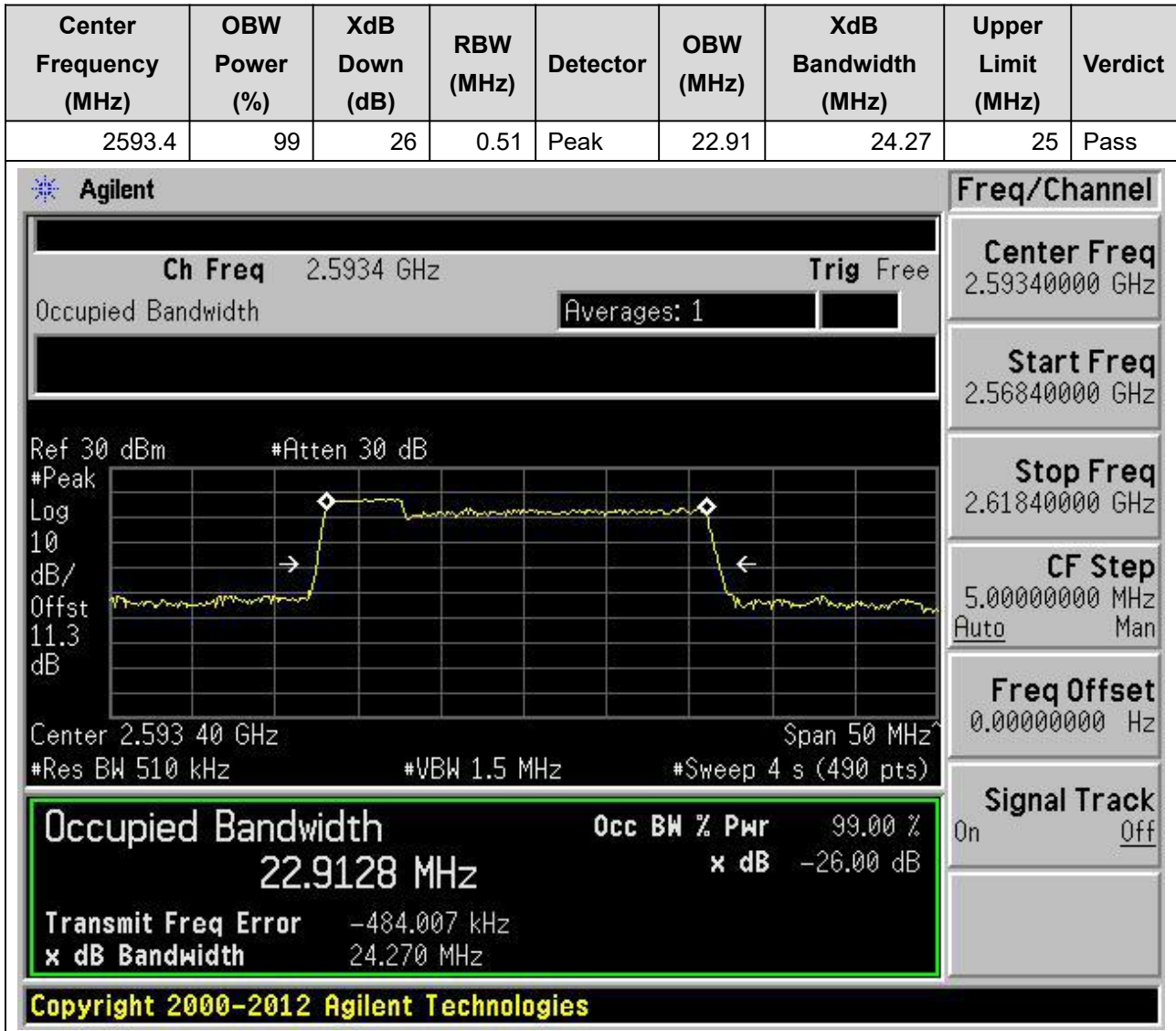
**16.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:37901+38099, Bandwidth:20+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.56	39.95	40	Pass



## 17. CA\_41C\_full

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.4	99	26	0.51	Peak	22.9	24.32	25	Pass

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

**Ch Freq** 2.5934 GHz **Trig** Free

Occupied Bandwidth **Averages: 1**

**Center Freq**  
2.59340000 GHz

**Start Freq**  
2.56840000 GHz

**Stop Freq**  
2.61840000 GHz

**CF Step**  
5.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB

Center 2.593 40 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 4 s (490 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>22.9038 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -465.021 kHz	
<b>x dB Bandwidth</b> 24.318 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.6	99	26	0.51	Peak	22.9	24.26	25	Pass

**Agilent**

Ch Freq 2.5926 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 60 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 4 s (490 pts)

**Freq/Channel**

Center Freq 2.59260000 GHz

Start Freq 2.56760000 GHz

Stop Freq 2.61760000 GHz

CF Step 5.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

**22.8986 MHz** x dB -26.00 dB

Transmit Freq Error 504.345 kHz

x dB Bandwidth 24.262 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.6	99	26	0.51	Peak	22.88	24.25	25	Pass

Agilent
Freq/Channel

Ch Freq 2.5926 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 60 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 4 s (490 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>22.8799 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> 523.633 kHz	
<b>x dB Bandwidth</b> 24.246 MHz	

<b>Signal Track</b>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Off
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**17.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:40526+40670, Bandwidth:10+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.3	99	26	0.62	Peak	27.81	29.7	30	Pass

**Agilent**

Ch Freq 2.5933 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.593 30 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

**Freq/Channel**

Center Freq 2.59330000 GHz

Start Freq 2.56330000 GHz

Stop Freq 2.62330000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

27.8054 MHz

x dB -26.00 dB

Transmit Freq Error -287.738 kHz

x dB Bandwidth 29.698 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.3	99	26	0.62	Peak	27.76	29.48	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5933 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.593 30 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

Center Freq 2.59330000 GHz

Start Freq 2.56330000 GHz

Stop Freq 2.62330000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**Occupied Bandwidth**

**27.7606 MHz**

Transmit Freq Error -315.038 kHz

x dB Bandwidth 29.479 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.75	29.51	30	Pass

**Agilent**

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 80 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

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

**27.7495 MHz** x dB -26.00 dB

Transmit Freq Error 366.713 kHz

x dB Bandwidth 29.511 MHz

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**Freq/Channel**

Center Freq 2.59280000 GHz

Start Freq 2.56280000 GHz

Stop Freq 2.62280000 GHz

CF Step 6.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.73	29.53	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.3 dB

Center 2.592 80 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

Center Freq 2.59280000 GHz

Start Freq 2.56280000 GHz

Stop Freq 2.62280000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
27.7296 MHz	x dB	-26.00 dB
Transmit Freq Error	338.829 kHz	
x dB Bandwidth	29.531 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.62	Peak	28.35	30.19	30	Pass

**Agilent**

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.593 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

**Freq/Channel**

Center Freq 2.59300000 GHz

Start Freq 2.56300000 GHz

Stop Freq 2.62300000 GHz

CF Step 6.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

28.3491 MHz

x dB -26.00 dB

Transmit Freq Error 7.411 kHz

x dB Bandwidth 30.190 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.62	Peak	28.42	30.39	30	Pass

Agilent
Freq/Channel

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.593 00 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 4 s (483 pts)

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

**28.4244 MHz** x dB -26.00 dB

Transmit Freq Error 20.242 kHz

x dB Bandwidth 30.395 MHz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.1	99	26	0.68	Peak	32.67	34.74	35	Pass

Agilent
Freq/Channel

**Ch Freq** 2.5931 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Center Freq**  
2.59310000 GHz

**Start Freq**  
2.55810000 GHz

**Stop Freq**  
2.62810000 GHz

**CF Step**  
7.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB

Center 2.593 10 GHz Span 70 MHz  
#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

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

32.6662 MHz x dB -26.00 dB

Transmit Freq Error -144.900 kHz

x dB Bandwidth 34.736 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.1	99	26	0.68	Peak	32.61	34.73	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5931 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.593 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

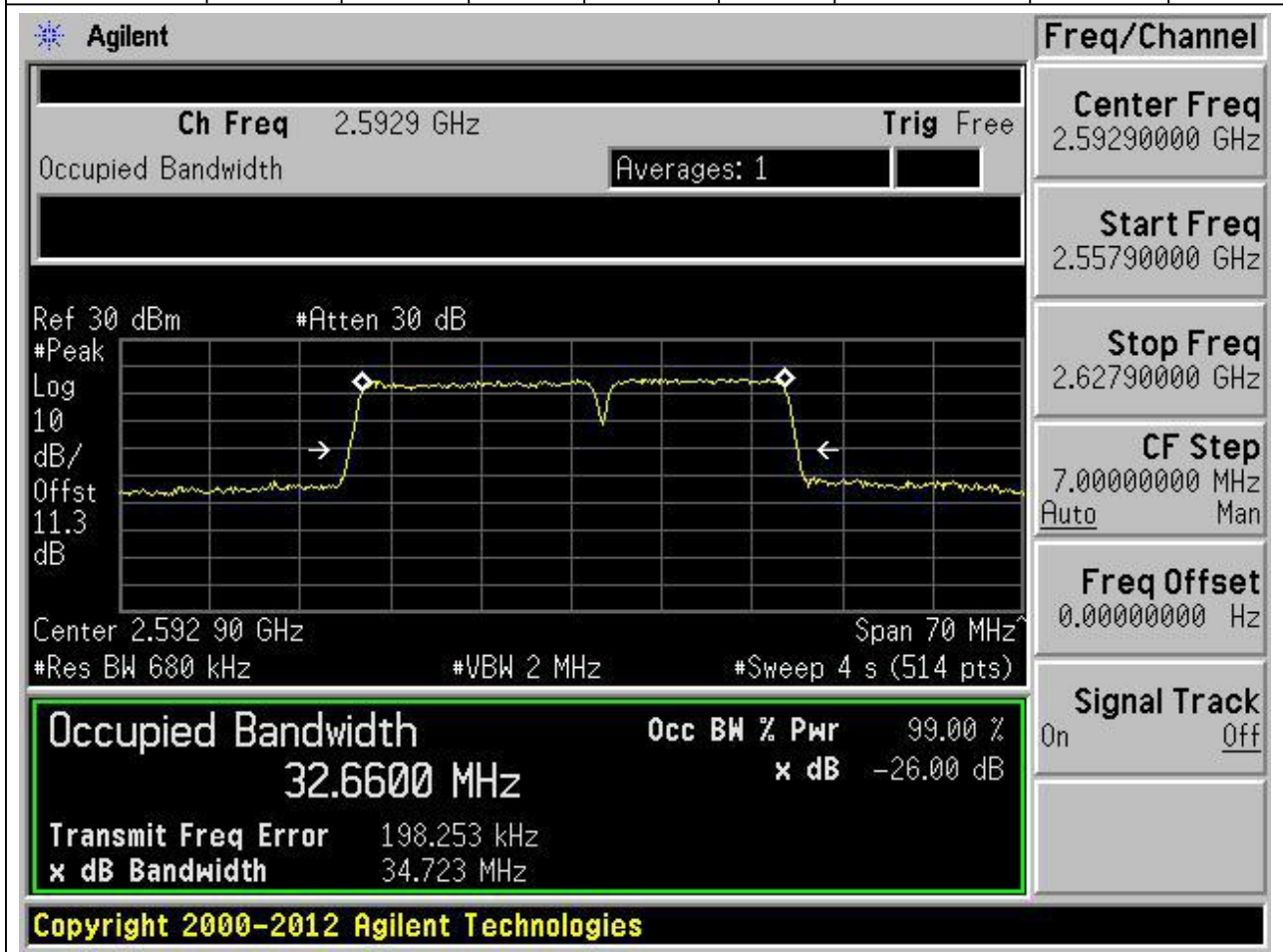
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
32.6062 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -141.933 kHz	
<b>x dB Bandwidth</b> 34.729 MHz	

<b>Signal Track</b>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Off
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**17.13. CA Occupied Bandwidth(NTNV)(Subtest:13, Channel:40546+40717, Bandwidth:20+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.9	99	26	0.68	Peak	32.66	34.72	35	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.9	99	26	0.68	Peak	32.64	34.8	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5929 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 4 s (514 pts)

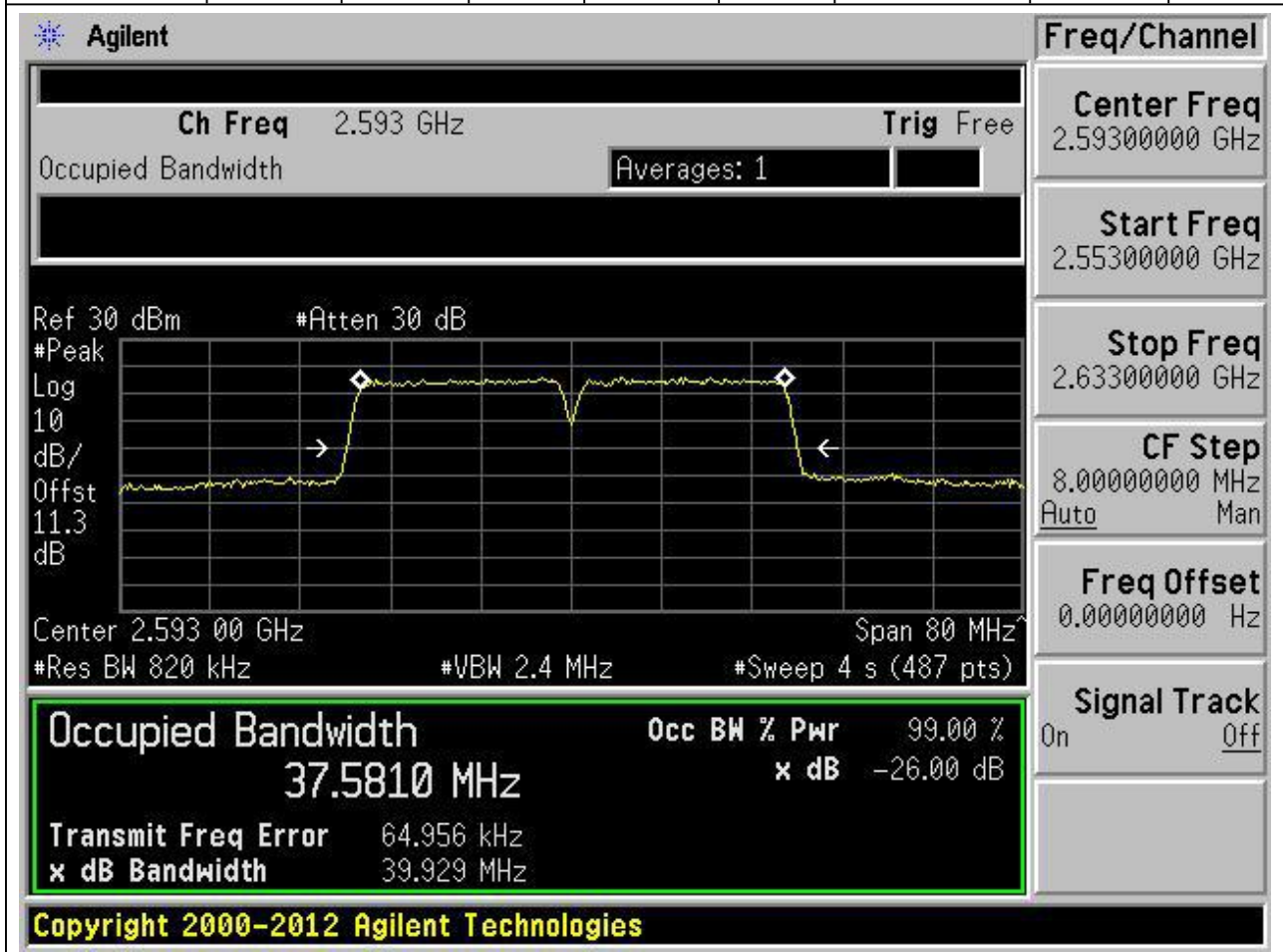
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>32.6442 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> 210.899 kHz	
<b>x dB Bandwidth</b> 34.802 MHz	

**Signal Track**  
 On  Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.58	39.93	40	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.82	Peak	37.56	40.05	40	Pass

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

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

Occupied Bandwidth **Averages: 1**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.55300000 GHz

**Stop Freq**  
2.63300000 GHz

**CF Step**  
8.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.593 00 GHz Span 80 MHz

#Res BW 820 kHz #VBW 2.4 MHz #Sweep 4 s (487 pts)

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

**37.5601 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 18.014 kHz

**x dB Bandwidth** 40.047 MHz

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END