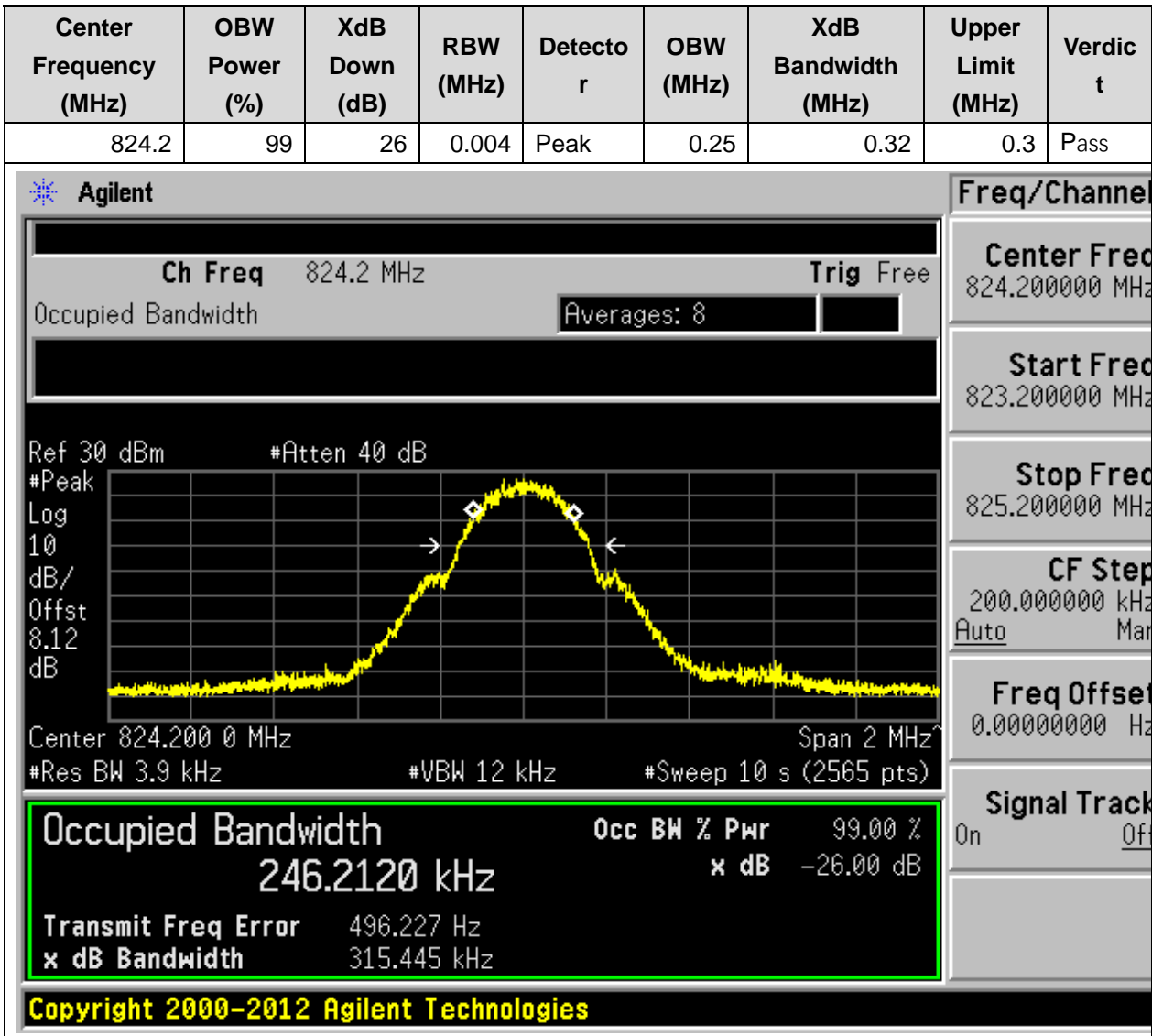

Annex A.3 Occupied Bandwidth

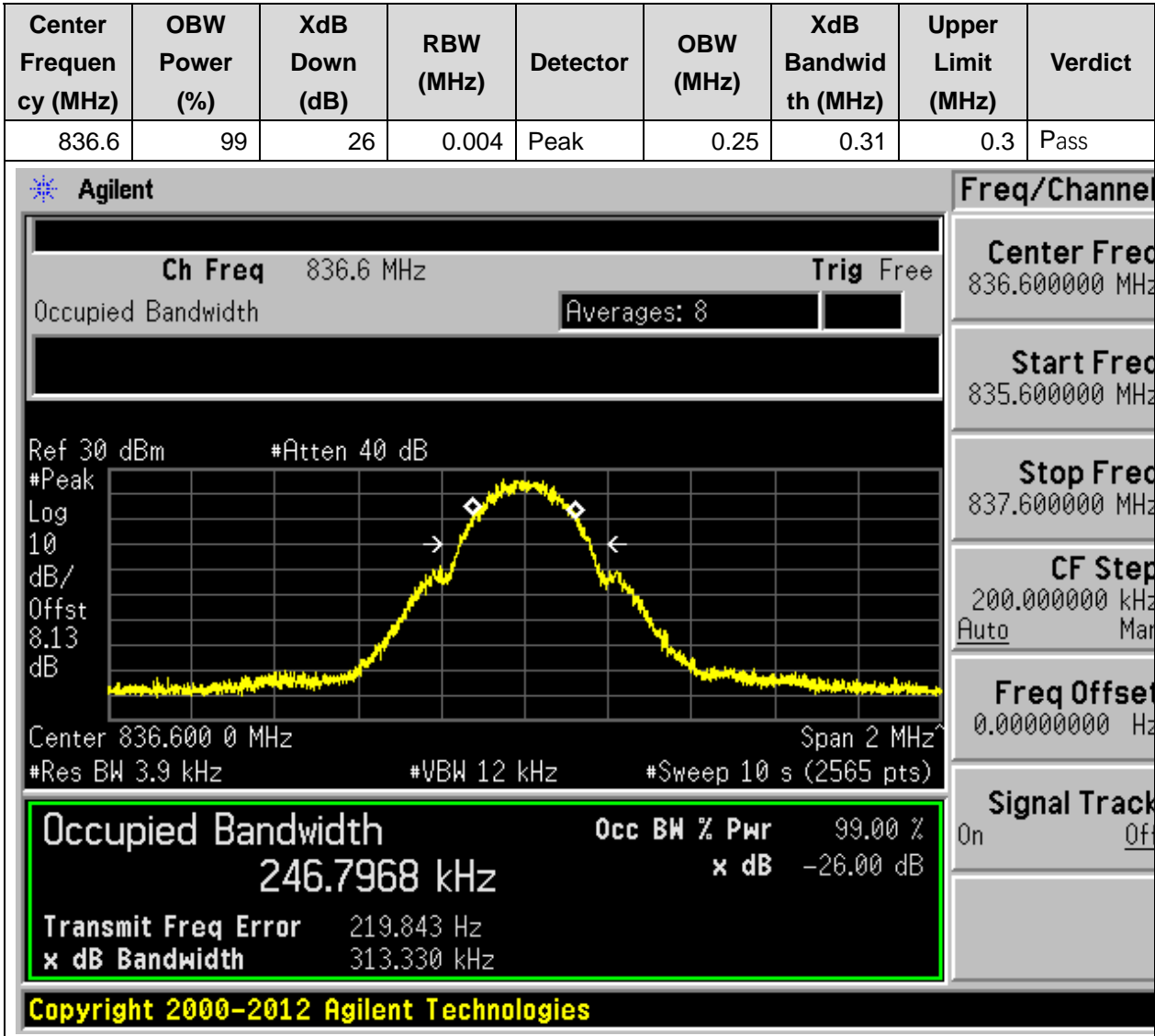
GSM

1. GSM_GSM850

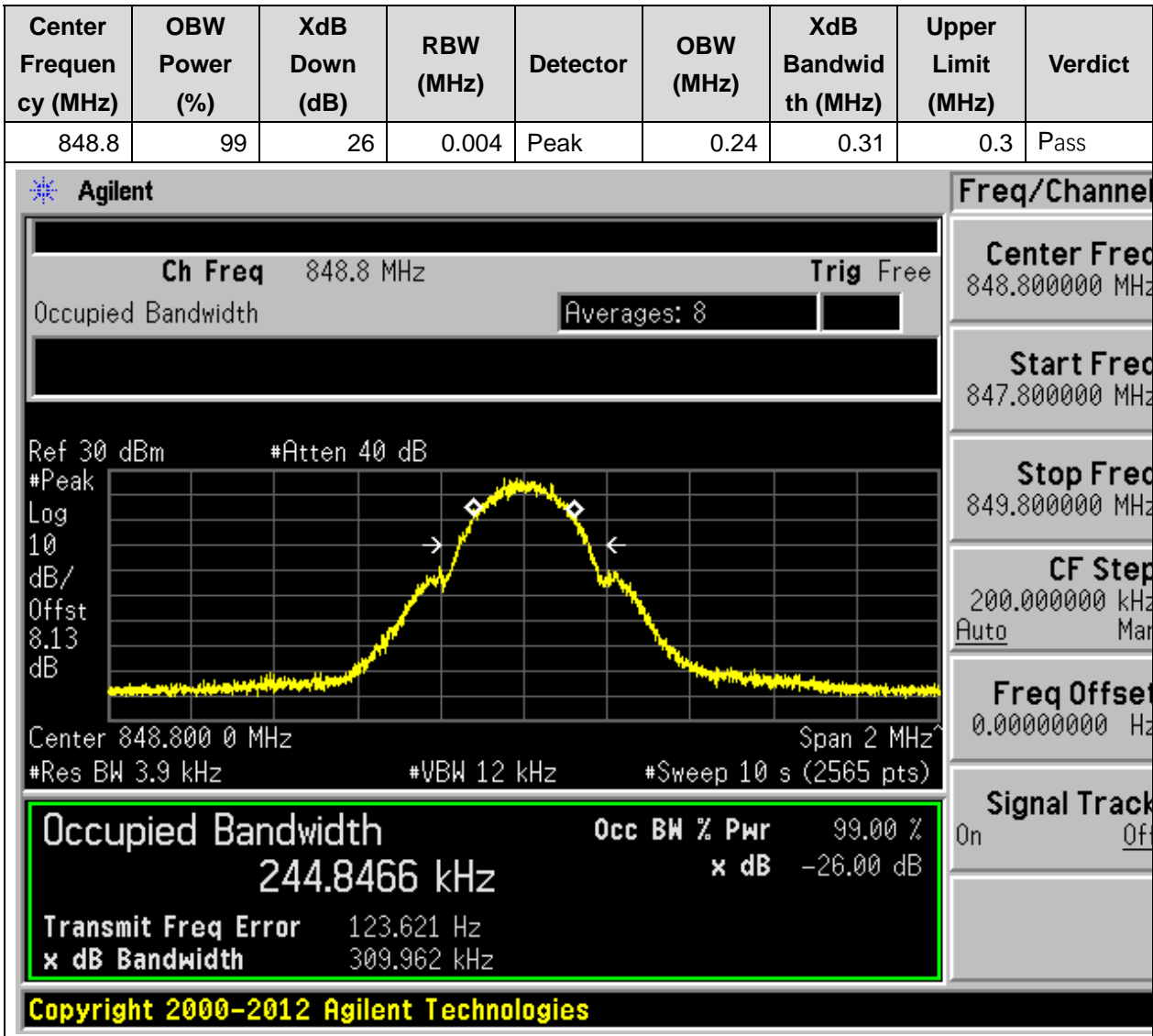
1.1. GSM Occupied Bandwidth(NTNV)(Channel:128)



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

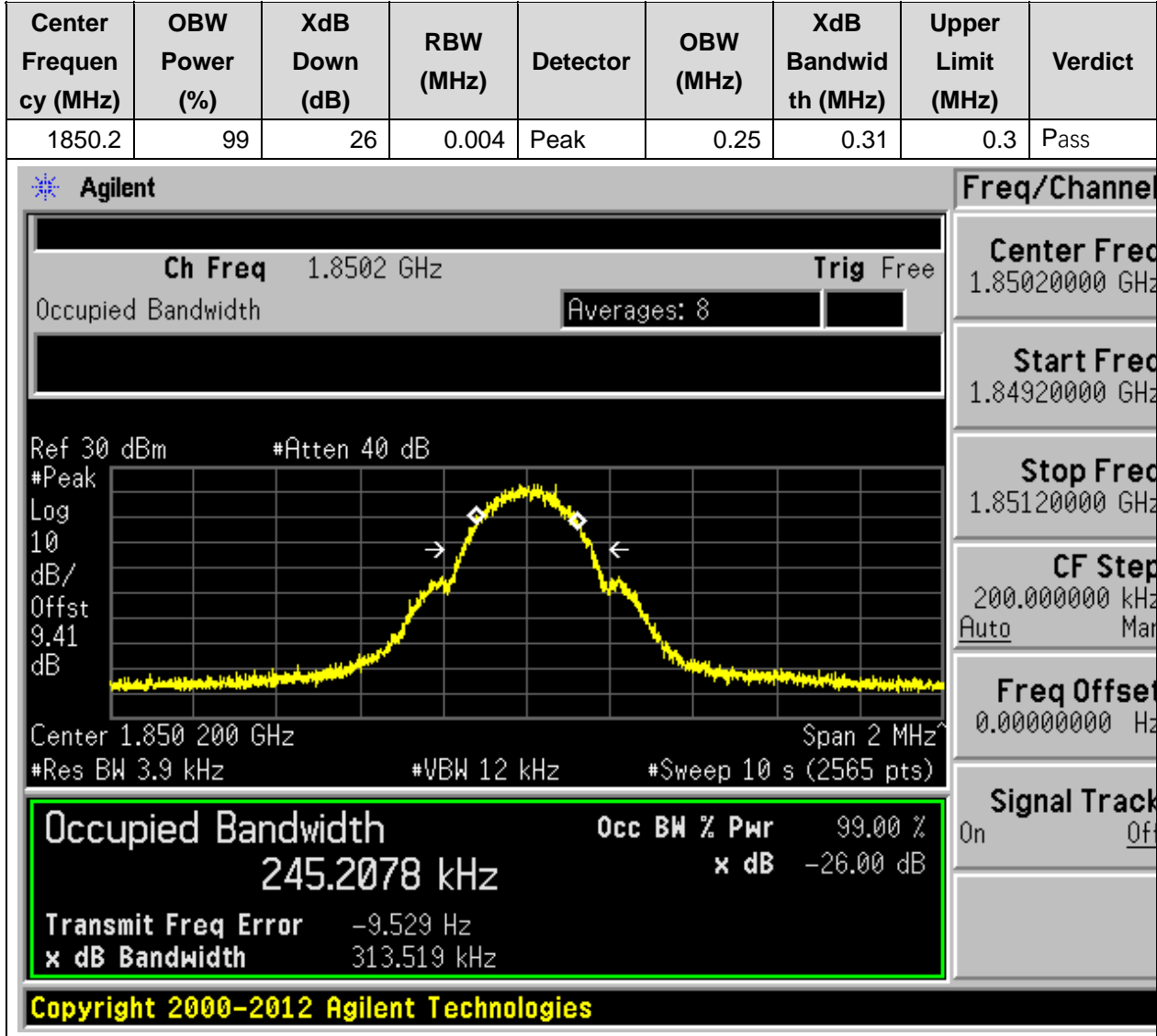


1.3. GSM Occupied Bandwidth(NTNV)(Channel:251)

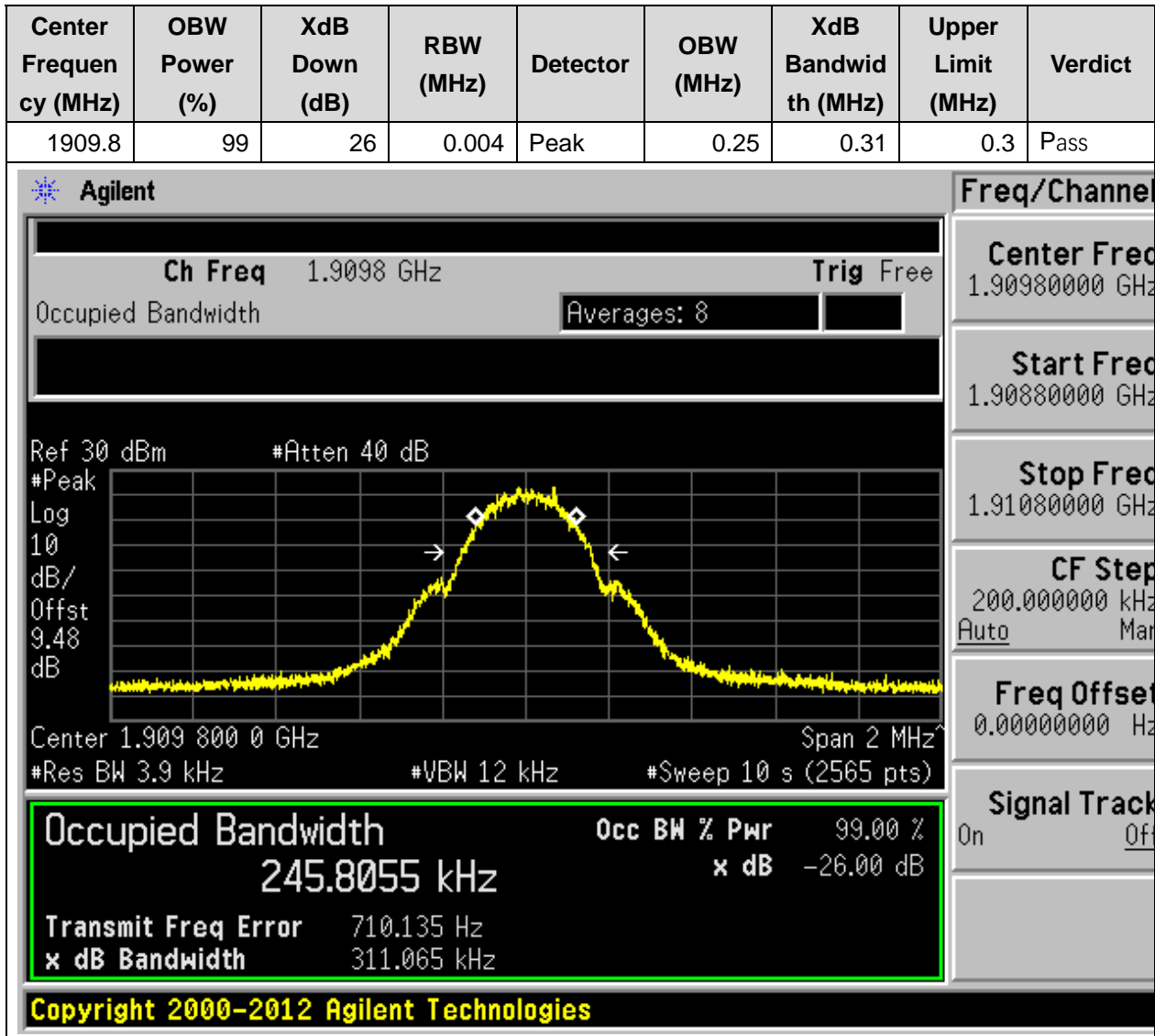


2. GSM_PCS

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



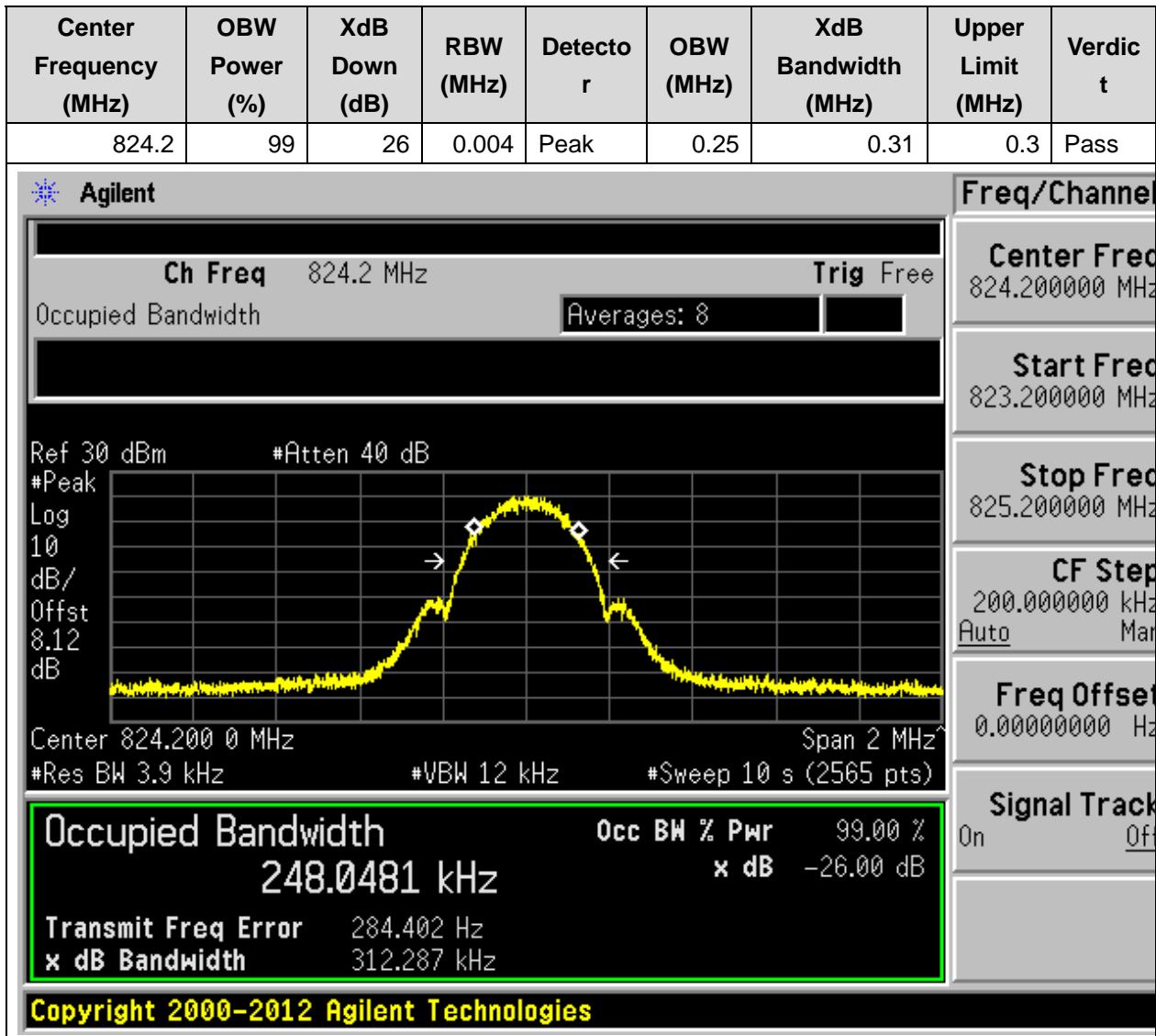
2.3. GSM Occupied Bandwidth(NTNV)(Channel:810)



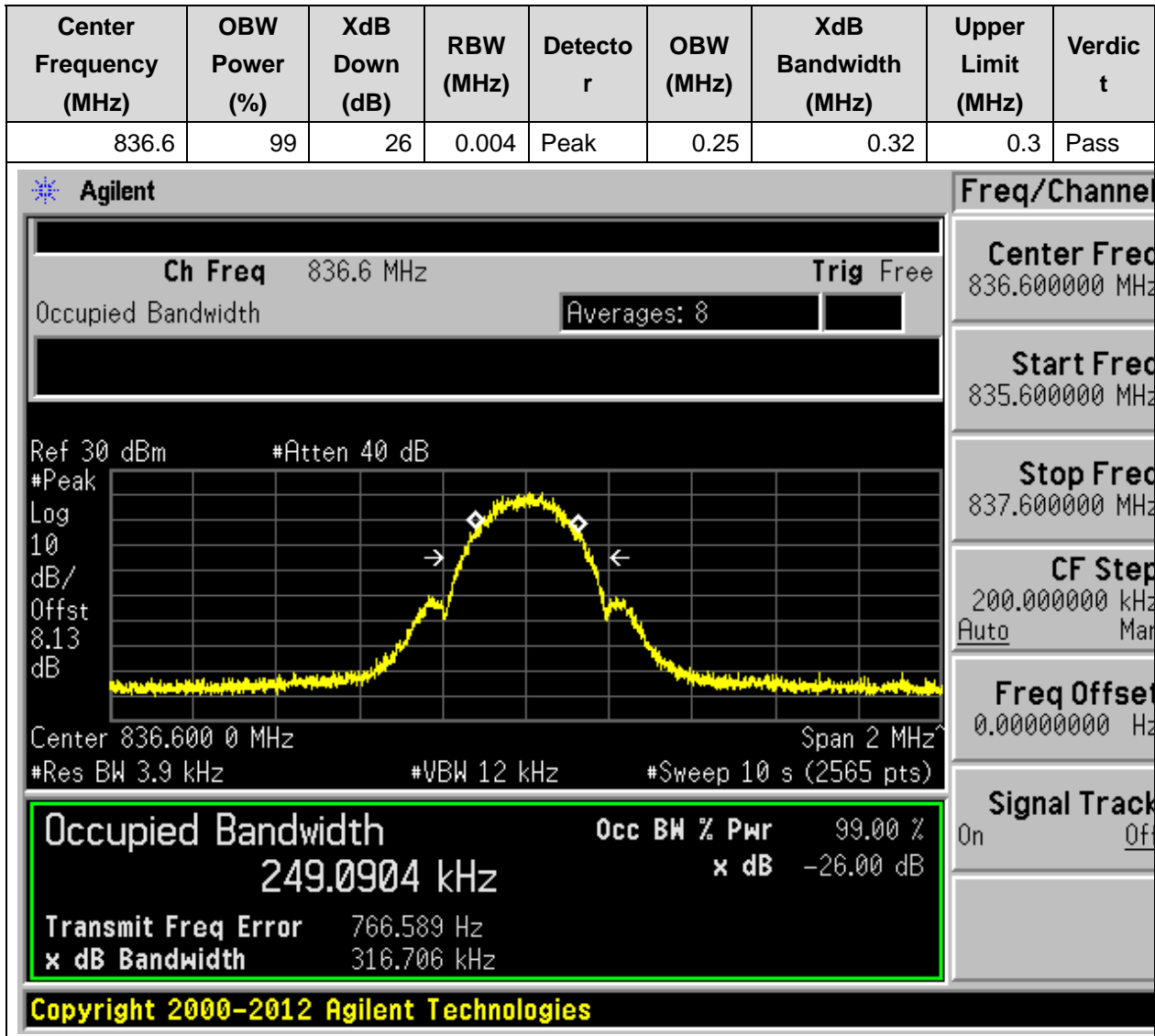
EGPRS

3. EGPRS_GSM850

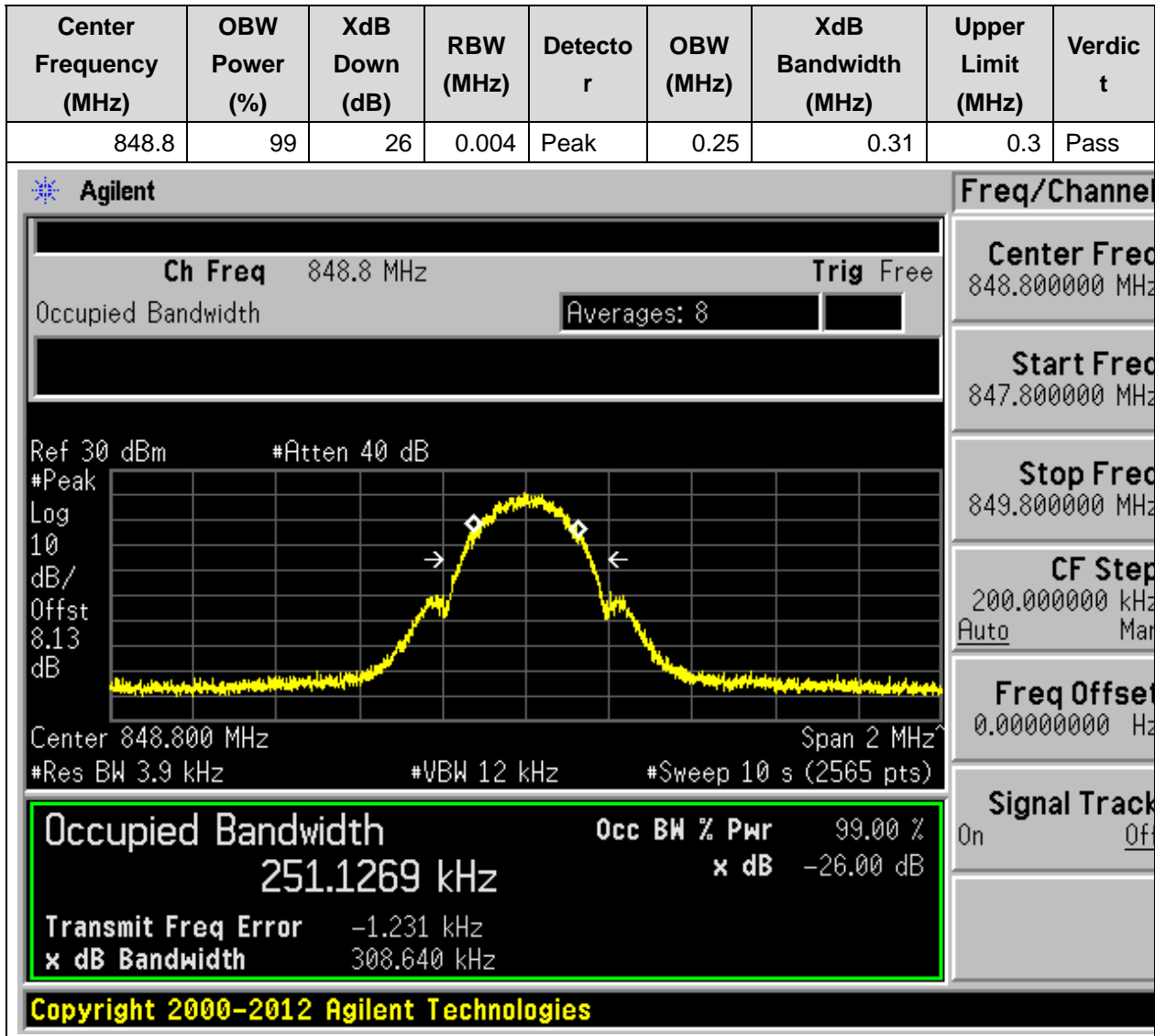
3.1. EGPRS Occupied Bandwidth(NTNV)(Channel:128)



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

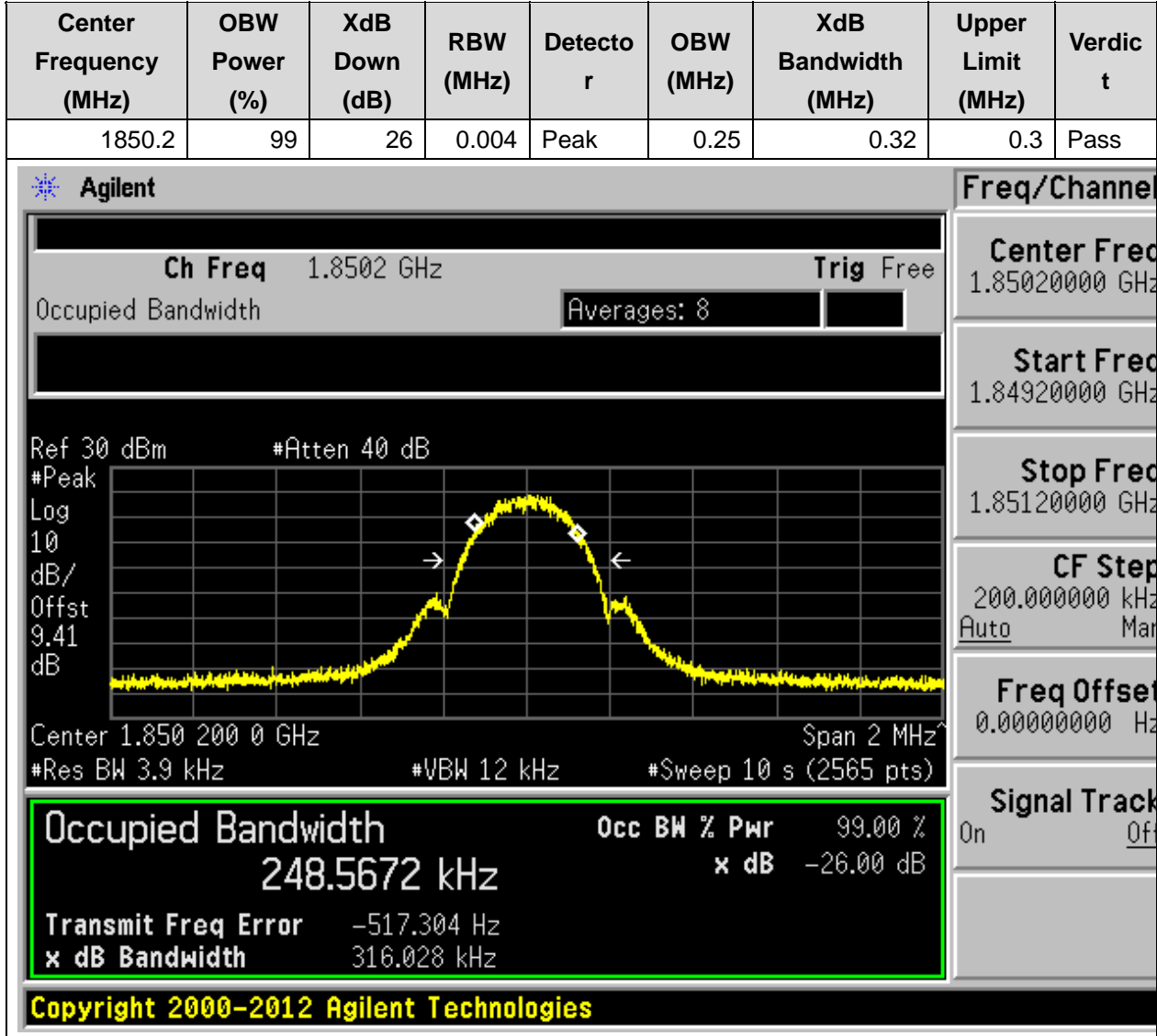


3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)

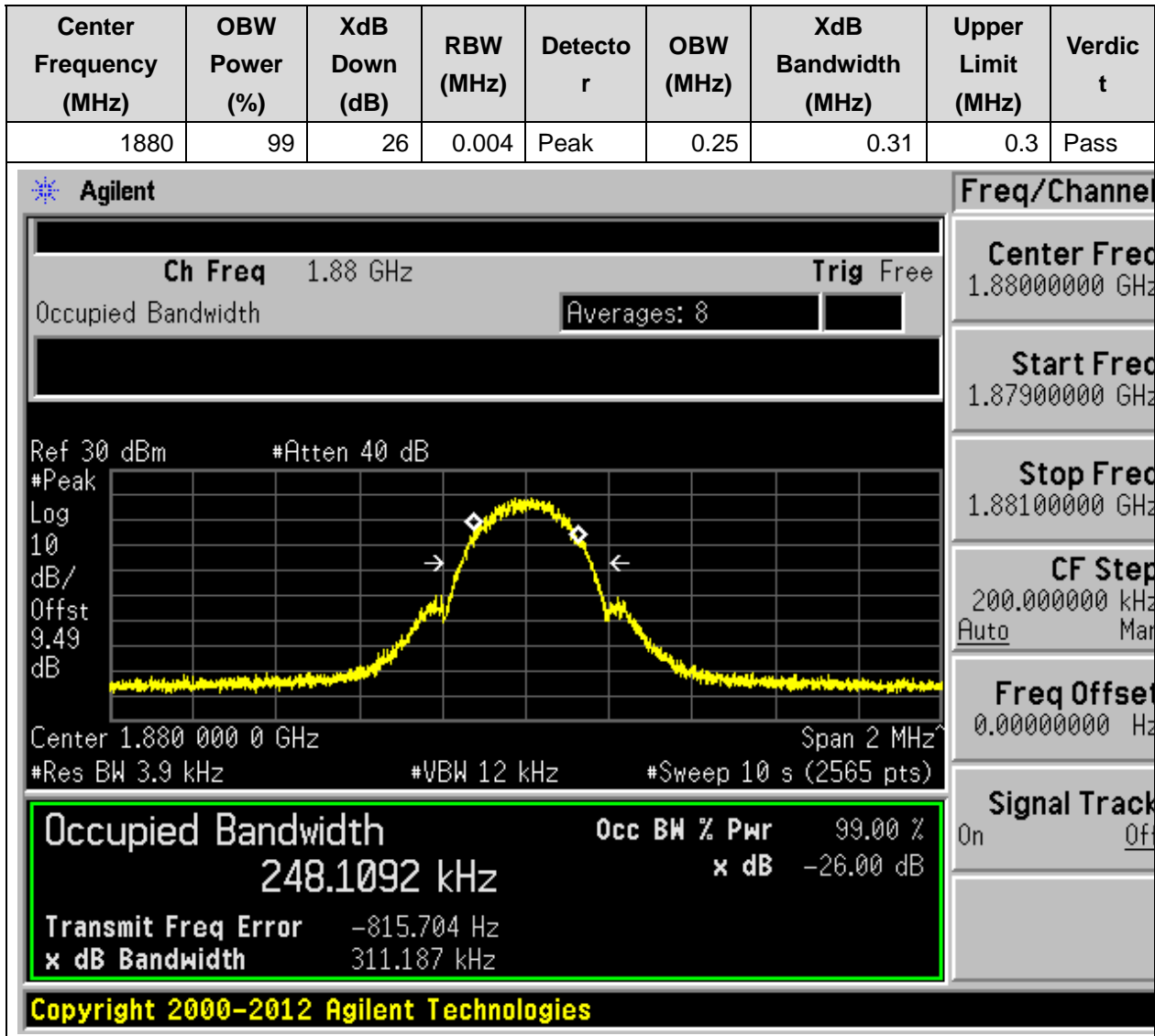


4. EGPRS_PCS

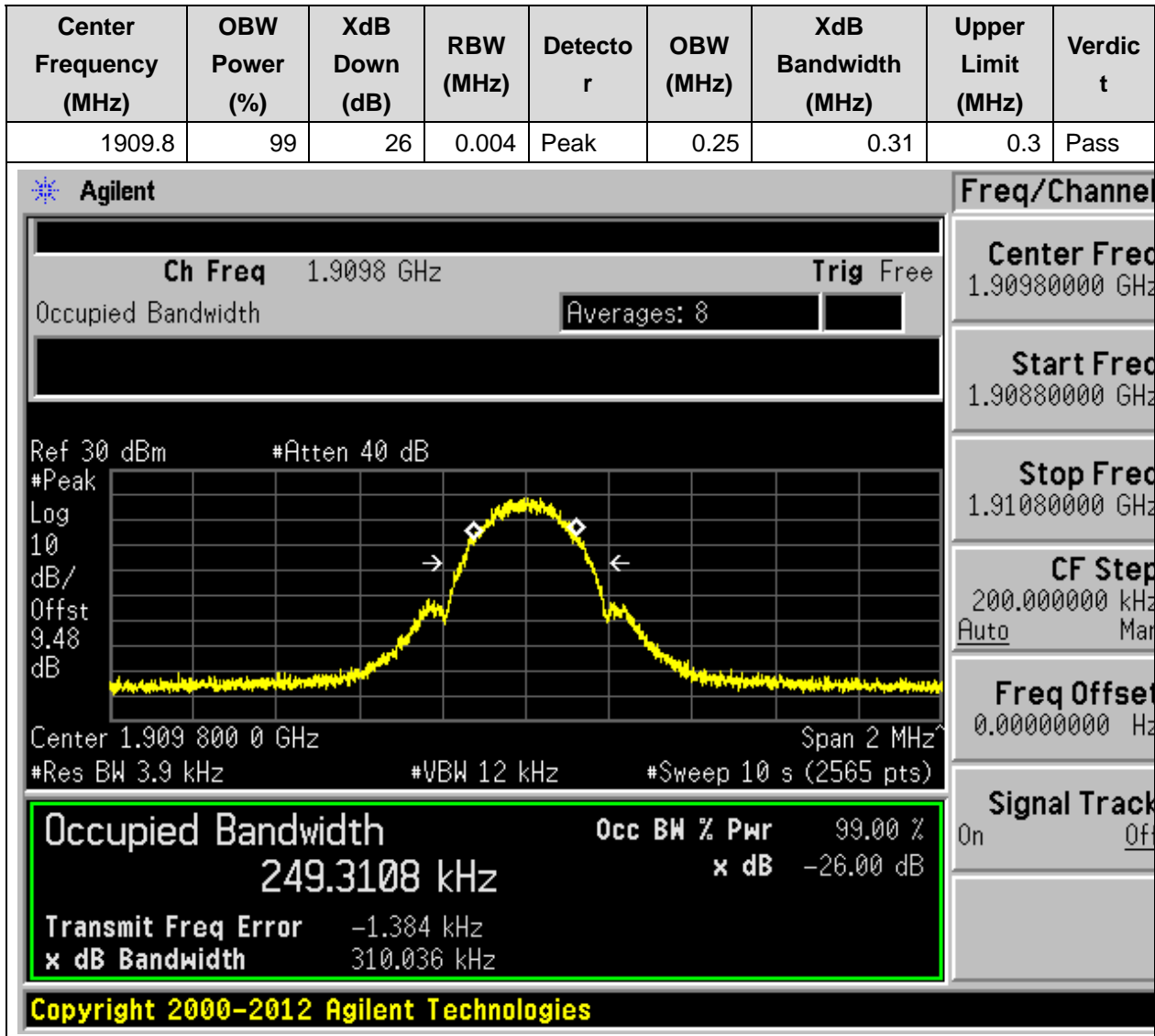
4.1. EGPRS Occupied Bandwidth(NTNV)(Channel:512)



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



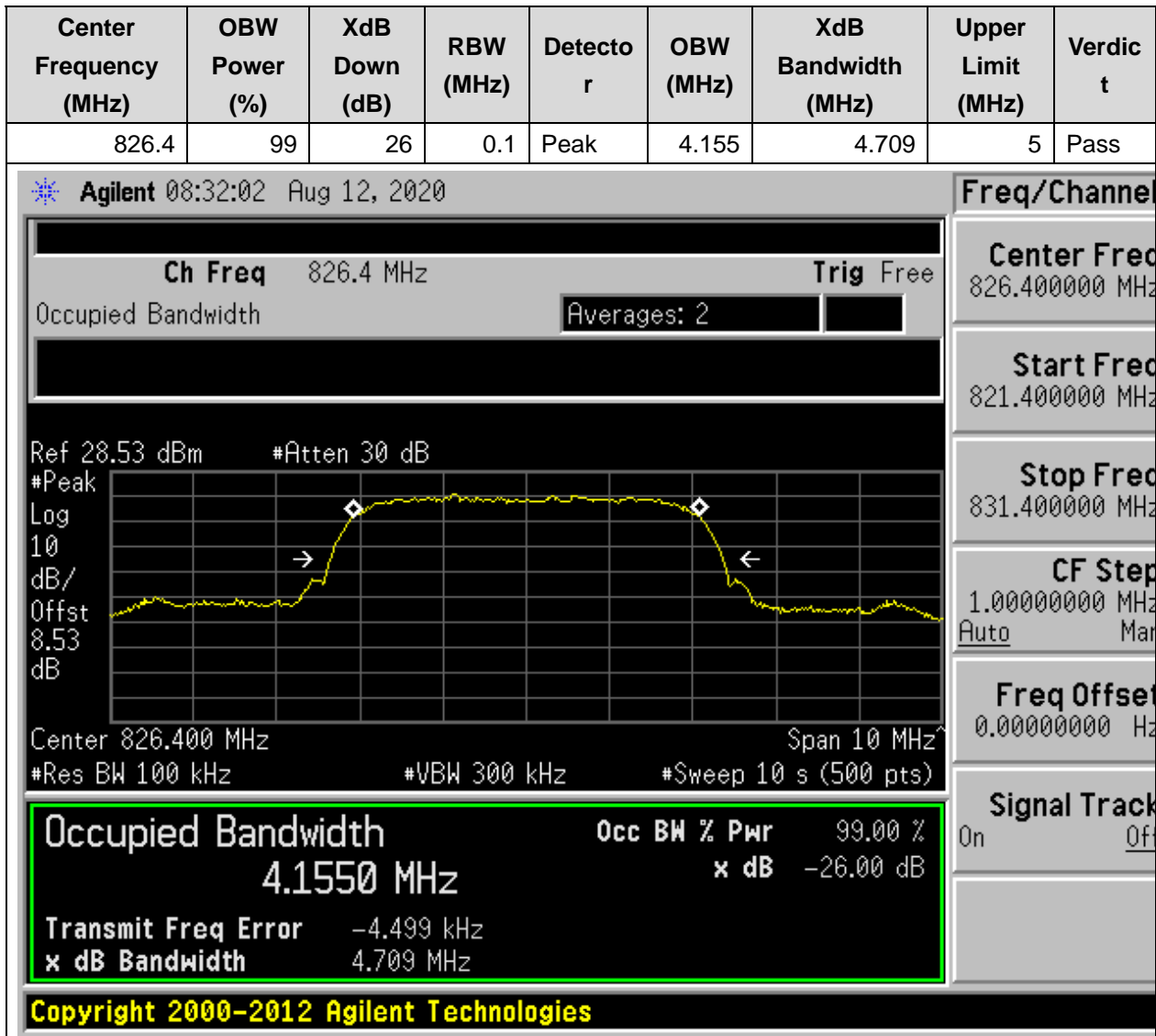
4.3. EGPRS Occupied Bandwidth(NTNV)(Channel:810)



WCDMA

5. WCDMA_Band5

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



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



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



LTE

6. LTE_Band5

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.089	1.301	1.4	Pass

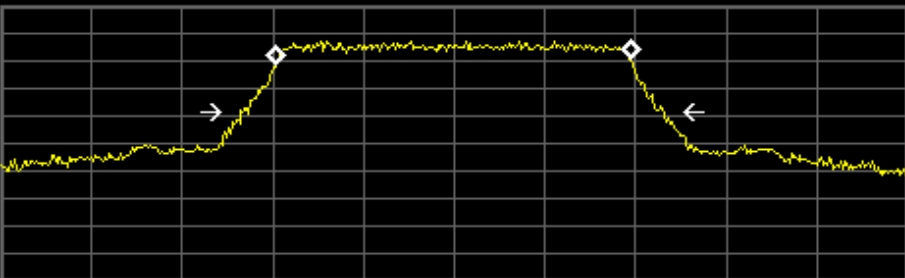
Agilent 20:53:46 Aug 7, 2020 R

Ch Freq 824.7 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.52 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
8.52
dB



Center 824.700 MHz Span 2.8 MHz

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

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

1.0894 MHz **x dB** -26.00 dB

Transmit Freq Error -1.543 kHz

x dB Bandwidth 1.301 MHz

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

Copyright 2000-2012 Agilent Technologies

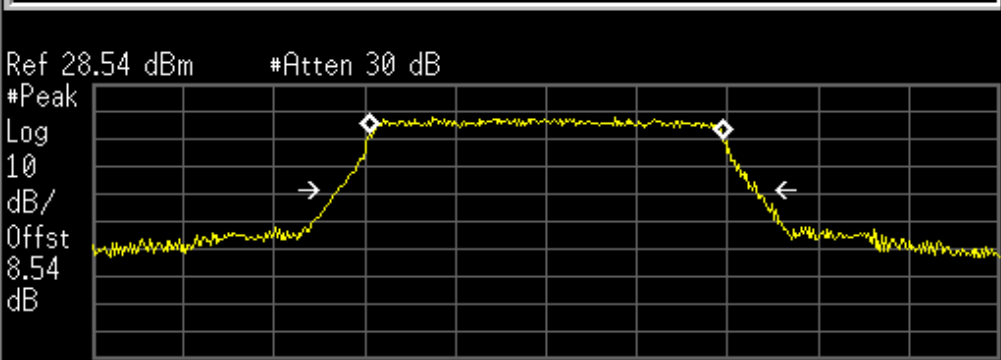
6.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

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	1.087	1.291	1.4	Pass

Agilent 20:53:59 Aug 7, 2020 R

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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0867 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.599 kHz	
x dB Bandwidth	1.291 MHz	

Freq/Channel

Center Freq
836.500000 MHz

Start Freq
835.100000 MHz

Stop Freq
837.900000 MHz

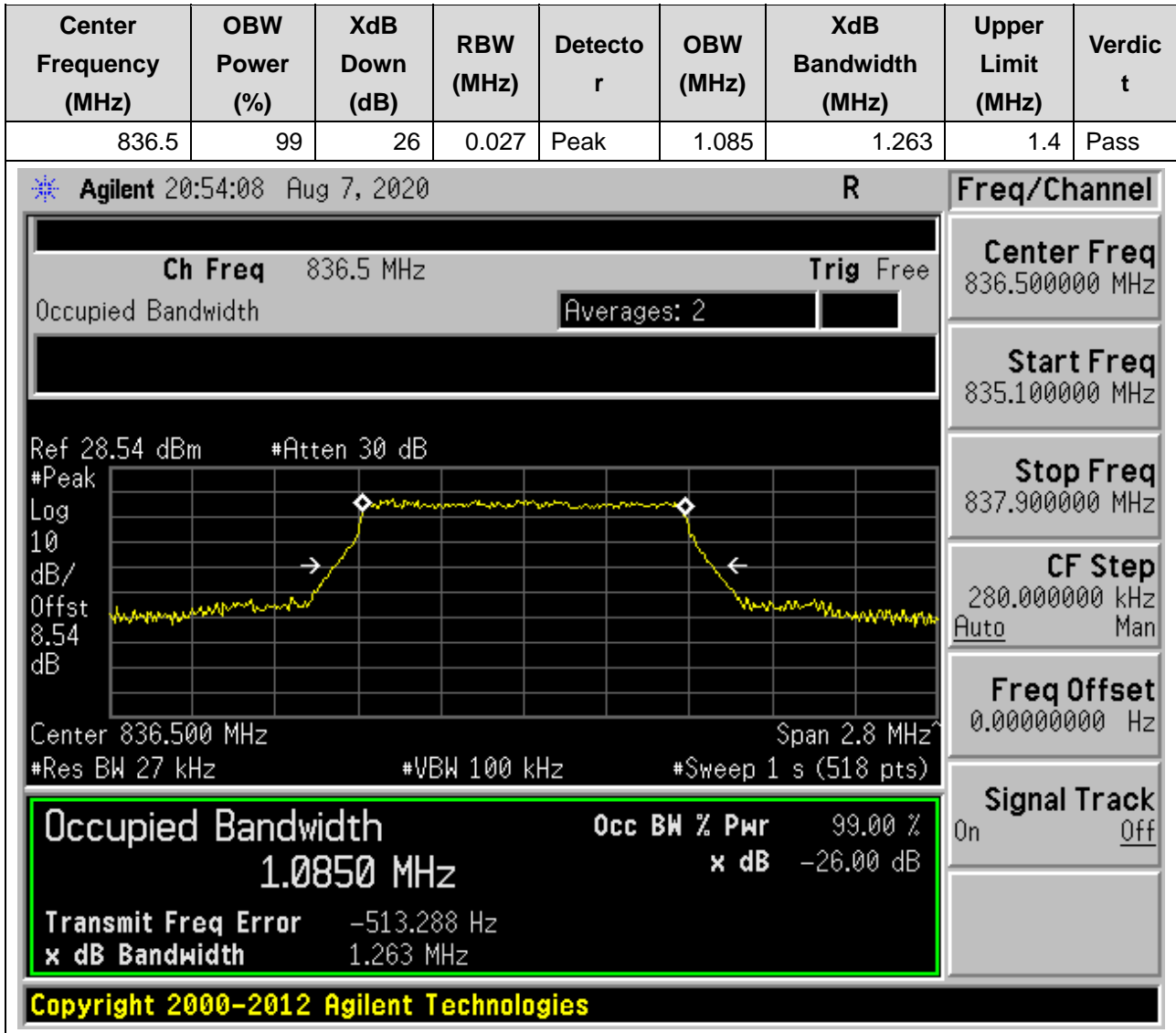
CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.091	1.262	1.4	Pass

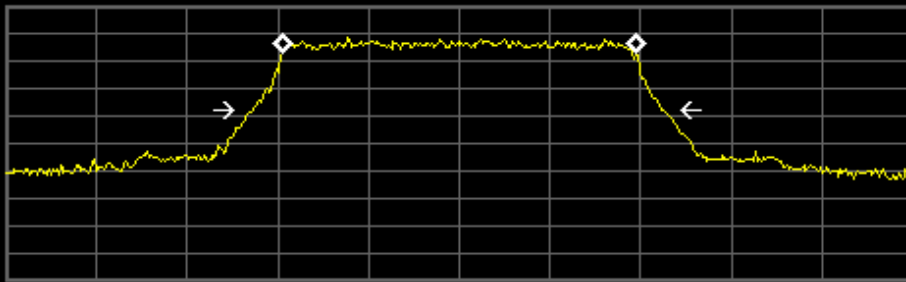
Agilent 20:54:21 Aug 7, 2020 R

Ch Freq 848.3 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.62 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
8.62
dB



Center 848.300 MHz Span 2.8 MHz

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

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

1.0907 MHz **x dB** -26.00 dB

Transmit Freq Error -1.514 kHz

x dB Bandwidth 1.262 MHz

Freq/Channel

Center Freq 848.300000 MHz

Start Freq 846.900000 MHz

Stop Freq 849.700000 MHz

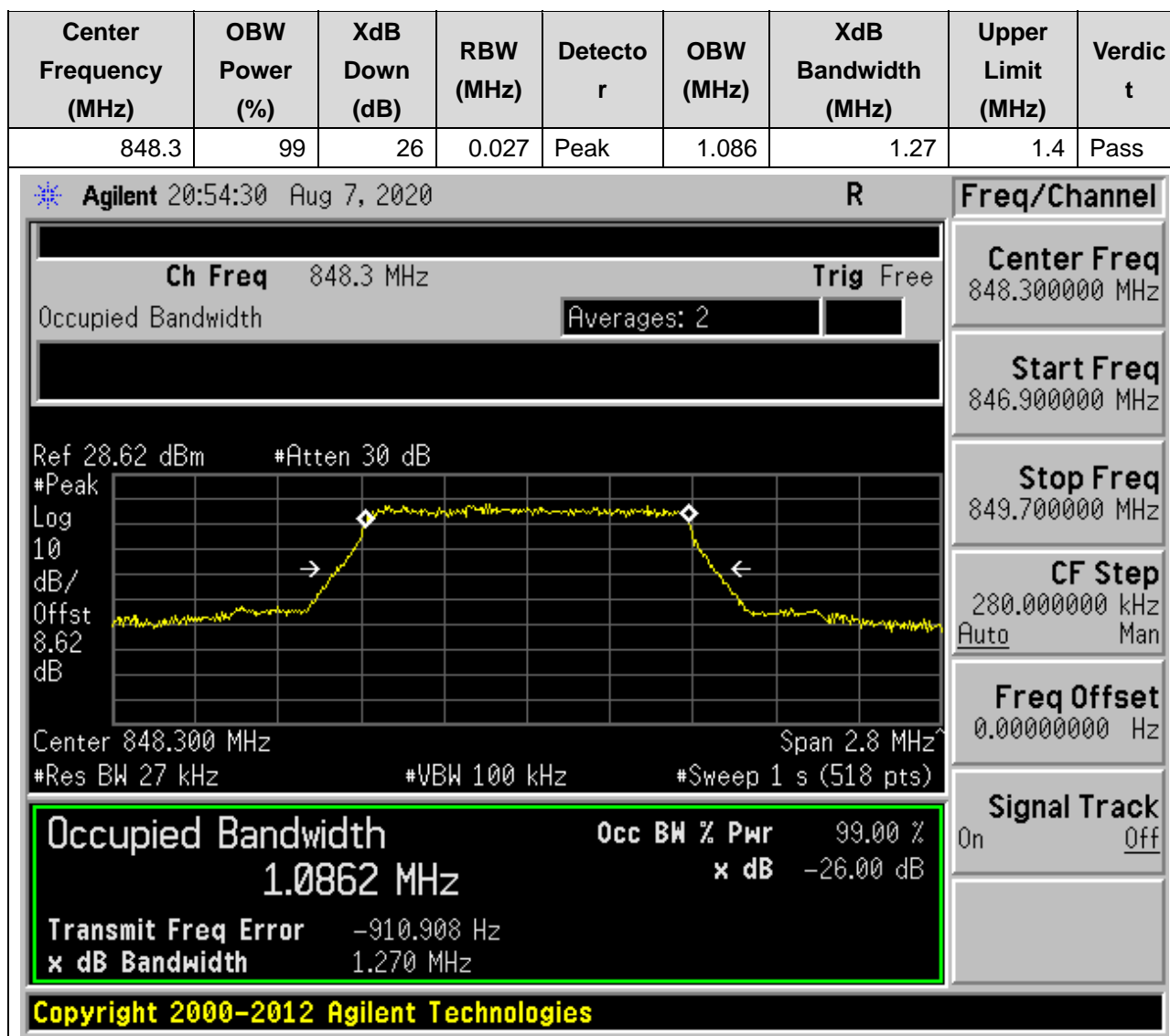
CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

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



6.7. 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	2.688	2.915	3	Pass

Agilent 20:54:44 Aug 7, 2020 R

Ch Freq 825.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Freq/Channel

Center Freq
825.500000 MHz

Start Freq
822.500000 MHz

Stop Freq
828.500000 MHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 28.52 dBm #Atten 30 dB

#Peak

Log

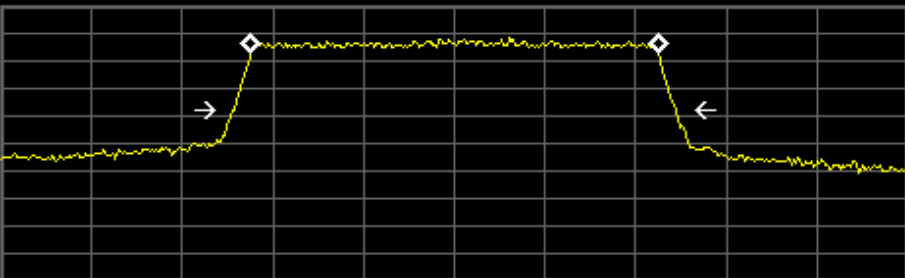
10

dB/

Offst

8.52

dB



Center 825.500 MHz Span 6 MHz

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

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

2.6880 MHz **x dB** -26.00 dB

Transmit Freq Error -295.998 Hz

x dB Bandwidth 2.915 MHz

Copyright 2000-2012 Agilent Technologies

6.8. 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	2.683	2.926	3	Pass

Agilent 20:54:54 Aug 7, 2020 R

Ch Freq 825.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.52 dBm #Atten 30 dB

#Peak

Log

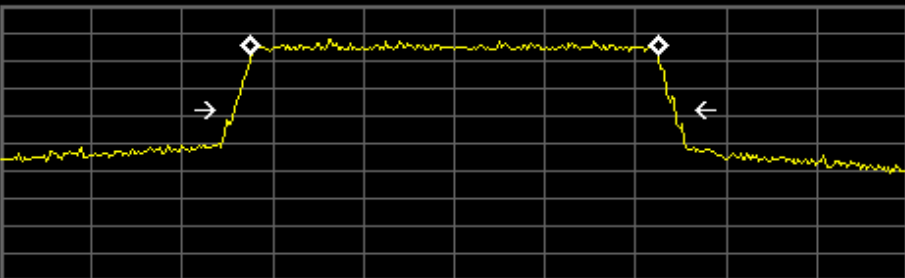
10

dB/

Offst

8.52

dB



Center 825.500 MHz Span 6 MHz

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

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

2.6829 MHz **x dB** -26.00 dB

Transmit Freq Error -318.435 Hz

x dB Bandwidth 2.926 MHz

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

Copyright 2000-2012 Agilent Technologies

6.9. 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	2.69	2.915	3	Pass

Agilent 20:55:06 Aug 7, 2020 R

Ch Freq 836.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Freq/Channel

Center Freq
836.500000 MHz

Start Freq
833.500000 MHz

Stop Freq
839.500000 MHz

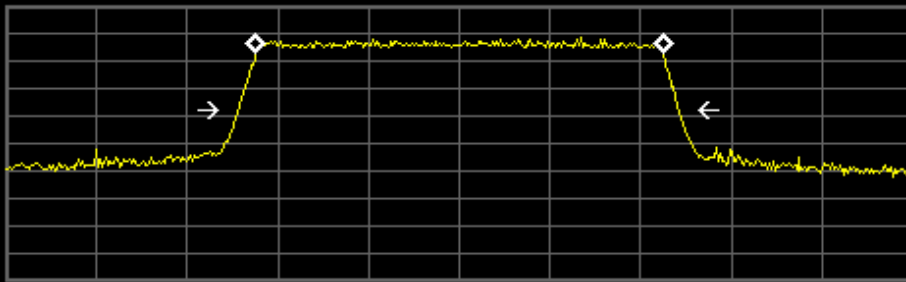
CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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)

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

2.6905 MHz **x dB** -26.00 dB

Transmit Freq Error 1.434 kHz

x dB Bandwidth 2.915 MHz

Copyright 2000-2012 Agilent Technologies

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



6.11. 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	2.689	2.916	3	Pass

Agilent 20:55:29 Aug 7, 2020 R

Ch Freq 847.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Freq/Channel

Center Freq
847.500000 MHz

Start Freq
844.500000 MHz

Stop Freq
850.500000 MHz

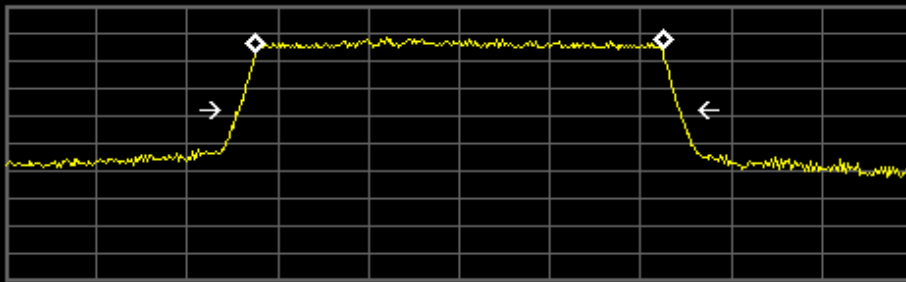
CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 28.61 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.61 dB



Center 847.500 MHz Span 6 MHz

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

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

2.6889 MHz **x dB** -26.00 dB

Transmit Freq Error -480.809 Hz

x dB Bandwidth 2.916 MHz

Copyright 2000-2012 Agilent Technologies

6.12. 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	2.681	2.926	3	Pass

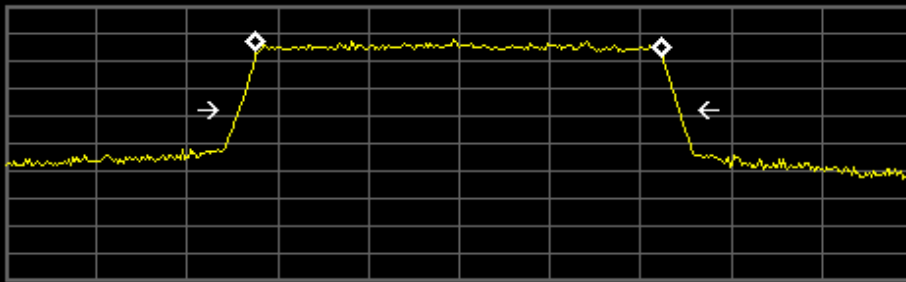
Agilent 20:55:39 Aug 7, 2020 R

Ch Freq 847.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.61 dB



Center 847.500 MHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6810 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.303 kHz	
x dB Bandwidth	2.926 MHz	

Copyright 2000-2012 Agilent Technologies

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

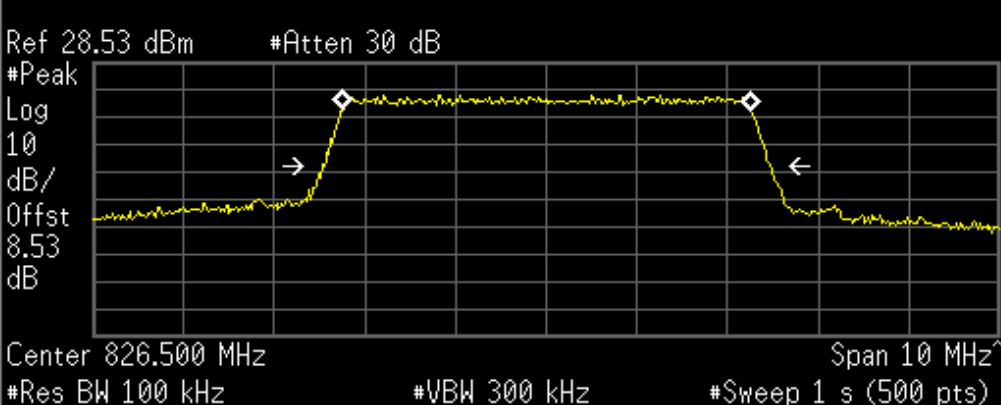
6.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.501	4.96	5	Pass

Agilent 20:55:53 Aug 7, 2020 R

Ch Freq 826.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.5012 MHz	x dB -26.00 dB
Transmit Freq Error -1.662 kHz	
x dB Bandwidth 4.960 MHz	

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

Copyright 2000-2012 Agilent Technologies

6.14. 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	4.487	4.889	5	Pass

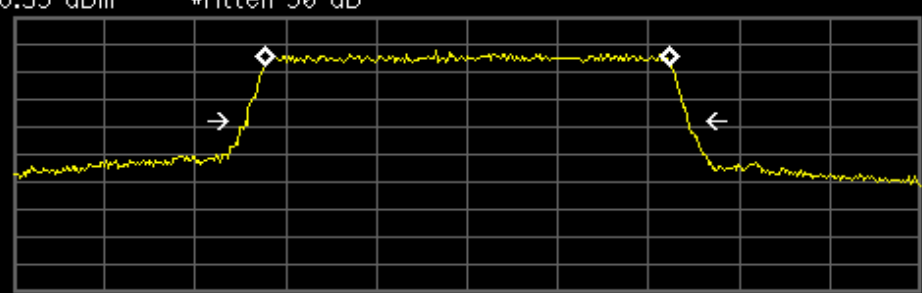
Agilent 20:56:03 Aug 7, 2020 R

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)

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

4.4869 MHz **x dB** -26.00 dB

Transmit Freq Error -310.086 Hz

x dB Bandwidth 4.889 MHz

Freq/Channel

Center Freq 826.500000 MHz

Start Freq 821.500000 MHz

Stop Freq 831.500000 MHz

CF Step 1.00000000 MHz
Auto Man

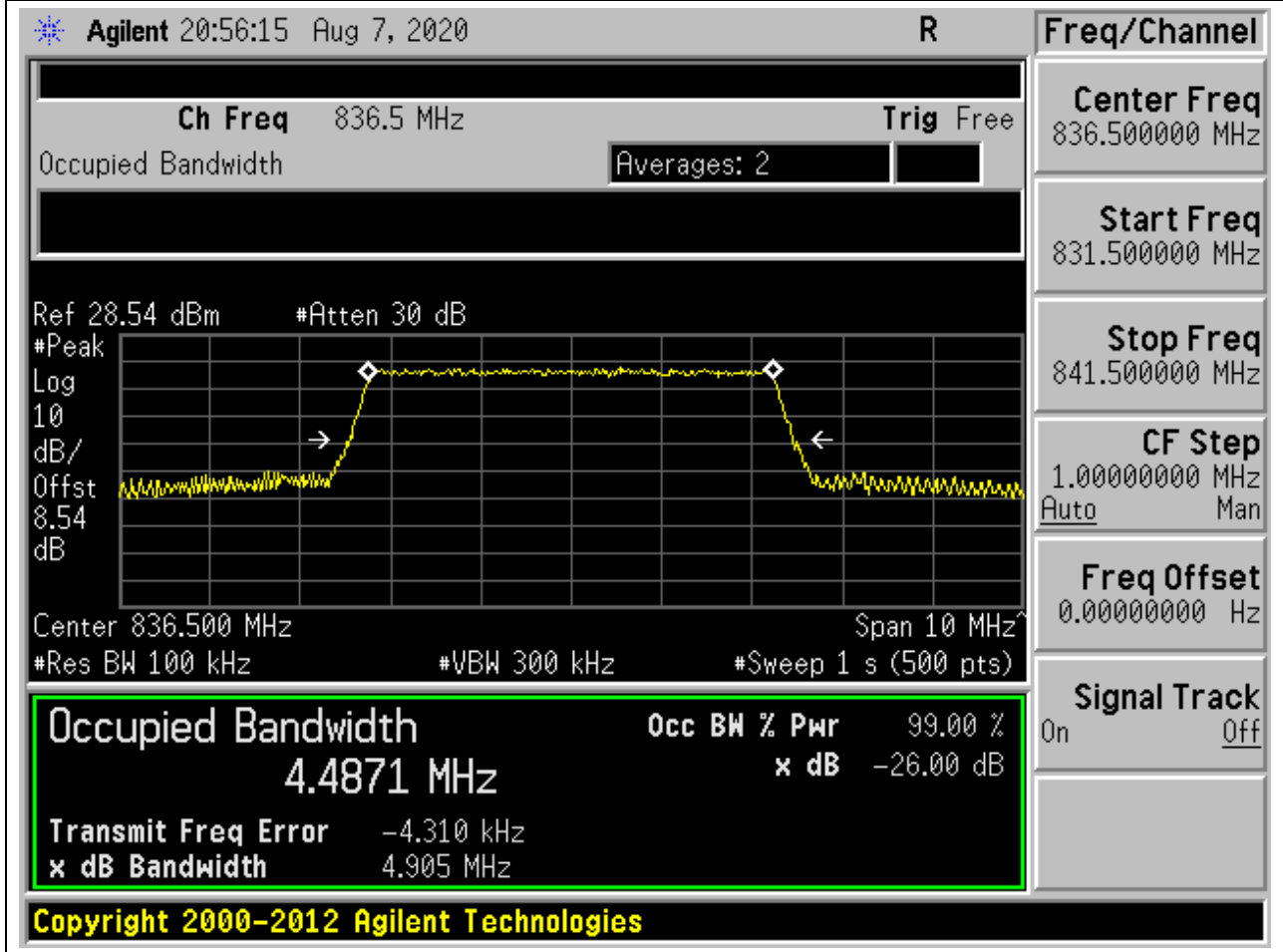
Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

6.15. 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	4.487	4.905	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.485	4.931	5	Pass

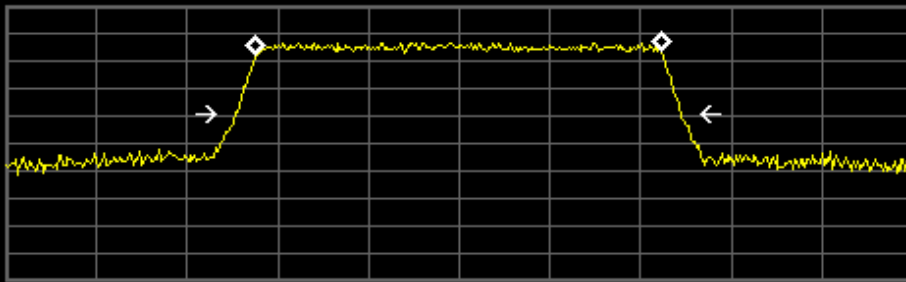
Agilent 20:56:25 Aug 7, 2020 R

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)

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

4.4847 MHz **x dB** -26.00 dB

Transmit Freq Error -4.459 kHz

x dB Bandwidth 4.931 MHz

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

Copyright 2000-2012 Agilent Technologies

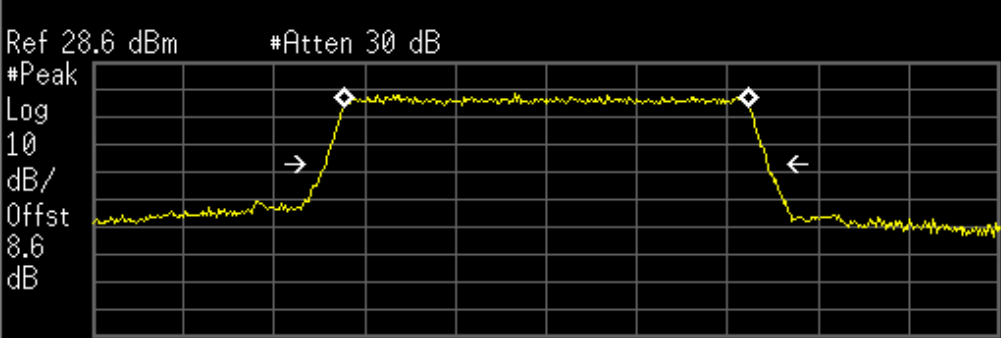
6.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.484	4.899	5	Pass

Agilent 20:56:37 Aug 7, 2020 R

Ch Freq 846.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 28.6 dBm #Atten 30 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 %
4.4838 MHz	x dB -26.00 dB
Transmit Freq Error	-96.447 Hz
x dB Bandwidth	4.899 MHz

Copyright 2000-2012 Agilent Technologies

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.483	4.93	5	Pass

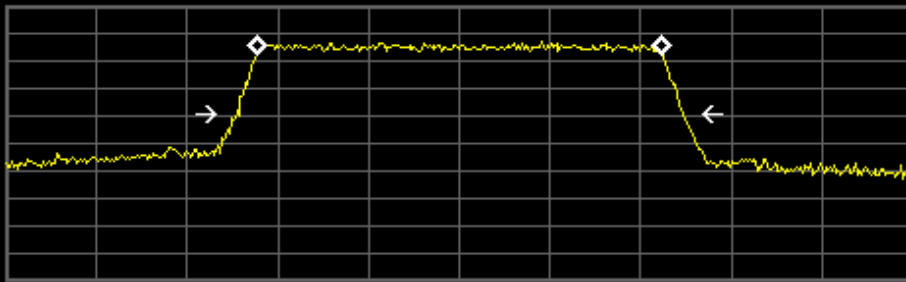
Agilent 20:56:47 Aug 7, 2020 R

Ch Freq 846.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
8.6
dB



Center 846.500 MHz Span 10 MHz

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

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

4.4835 MHz **x dB** -26.00 dB

Transmit Freq Error -3.085 kHz

x dB Bandwidth 4.930 MHz

Freq/Channel

Center Freq 846.500000 MHz

Start Freq 841.500000 MHz

Stop Freq 851.500000 MHz

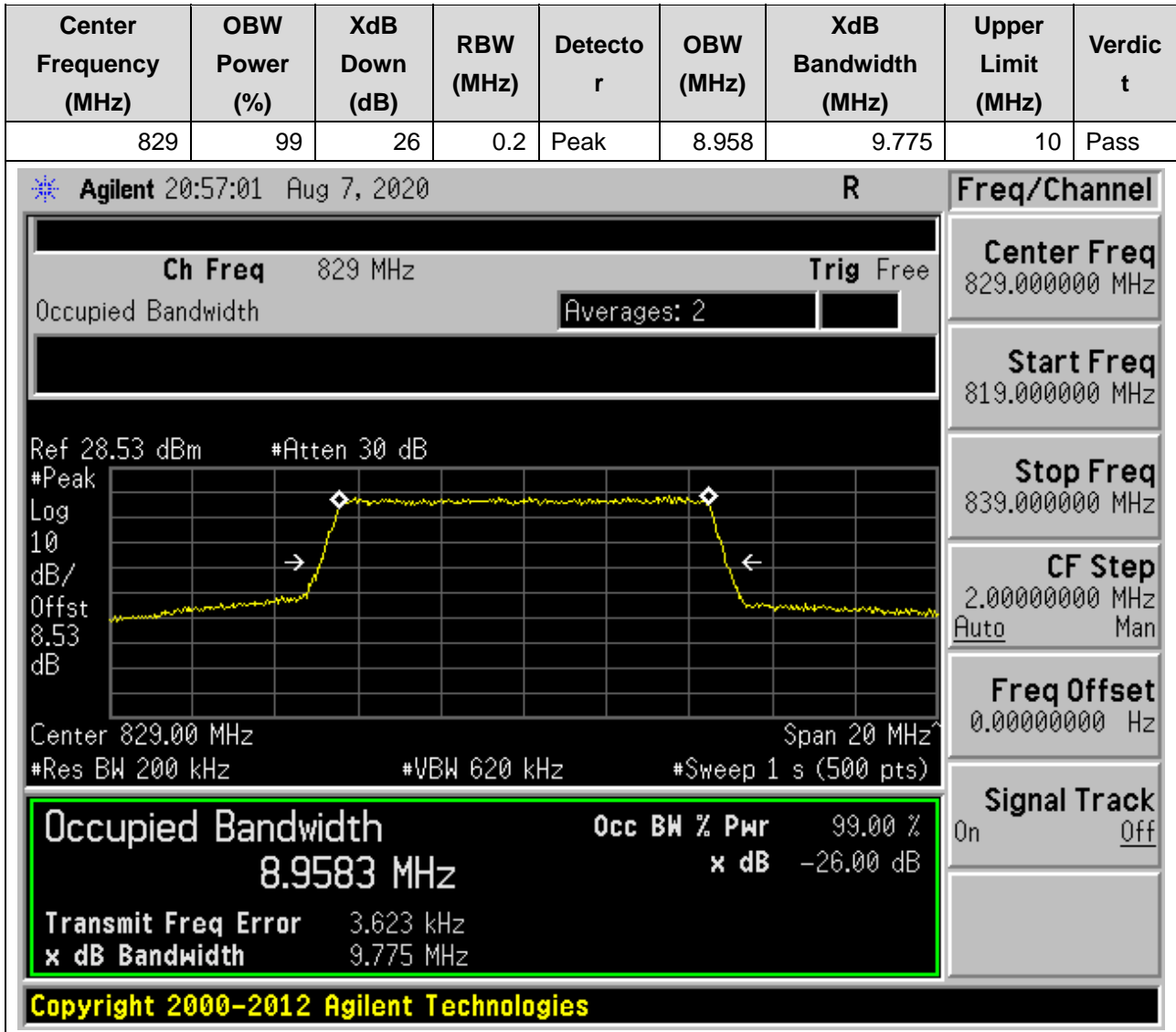
CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000–2012 Agilent Technologies

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



6.20. 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	8.972	9.714	10	Pass

Agilent 20:57:10 Aug 7, 2020 R

Ch Freq 829 MHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 28.53 dBm #Atten 30 dB

#Peak

Log

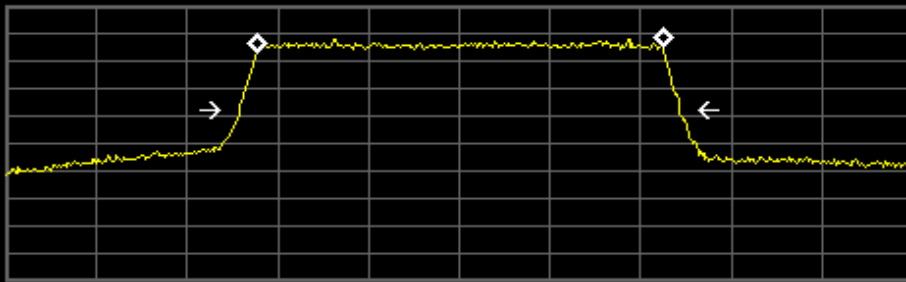
10

dB/

Offst

8.53

dB



Center 829.00 MHz Span 20 MHz

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

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

8.9724 MHz **x dB** -26.00 dB

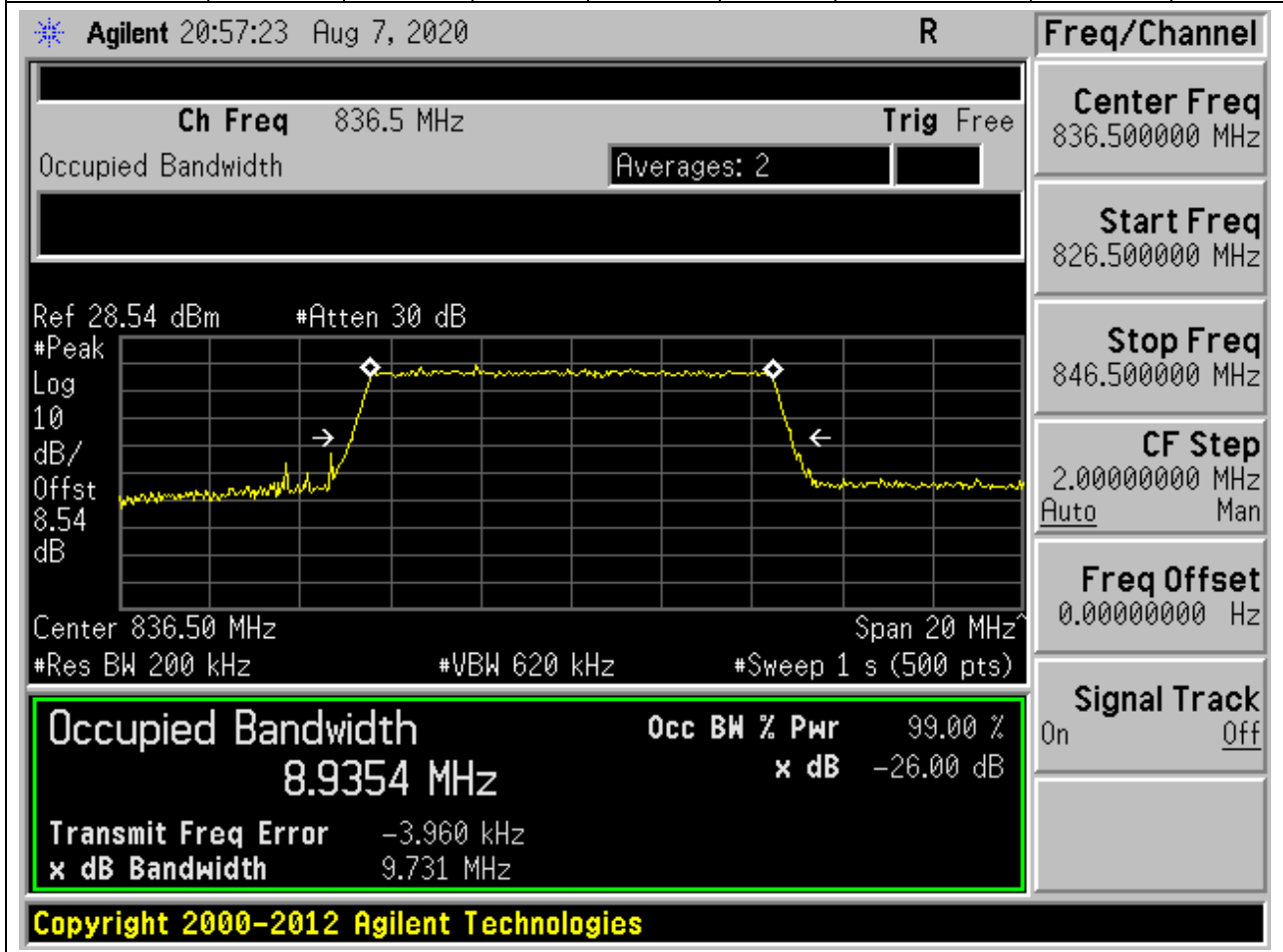
Transmit Freq Error 14.230 kHz

x dB Bandwidth 9.714 MHz

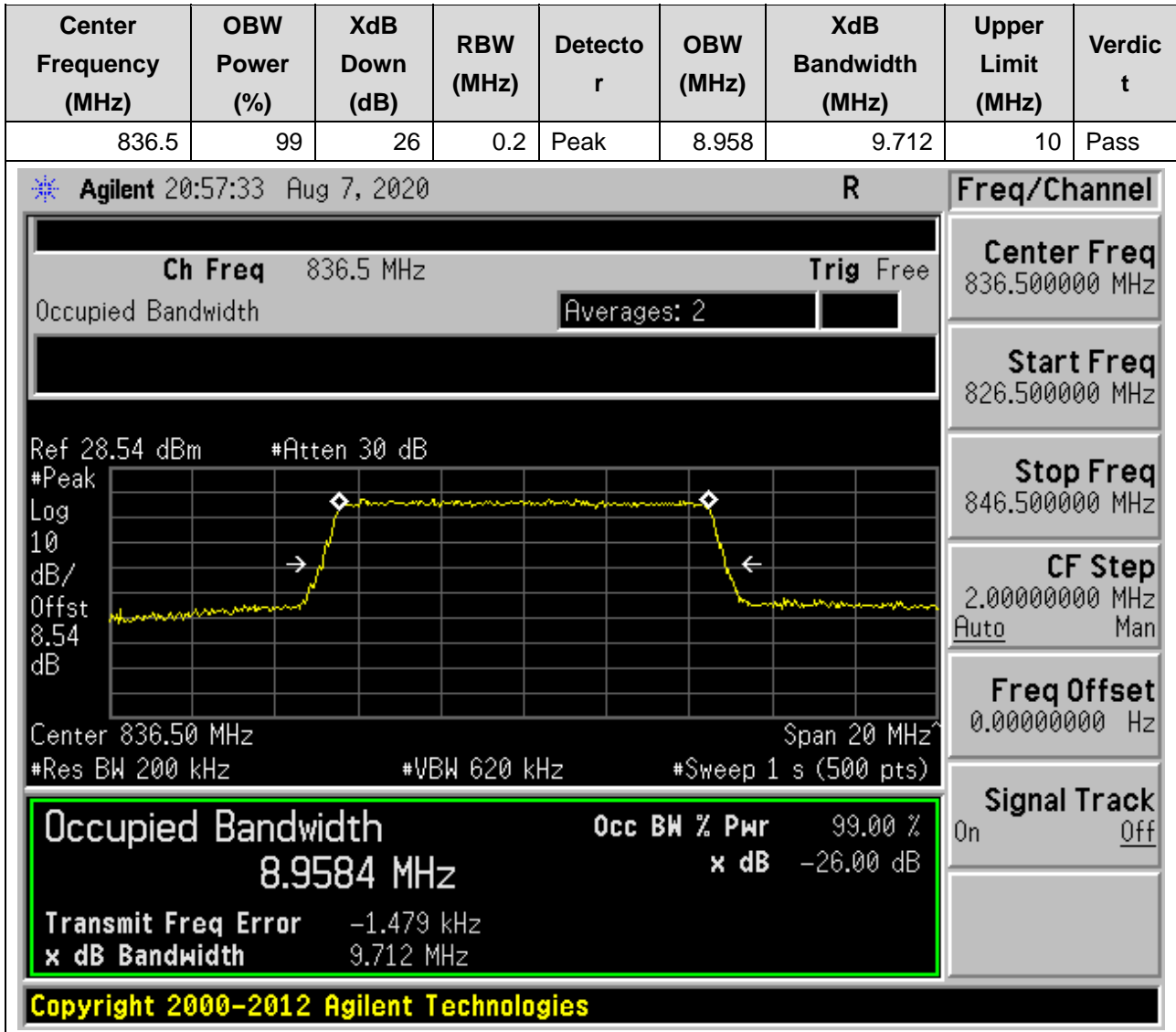
Copyright 2000-2012 Agilent Technologies

6.21. 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	8.935	9.731	10	Pass



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



6.23. 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	8.96	9.782	10	Pass

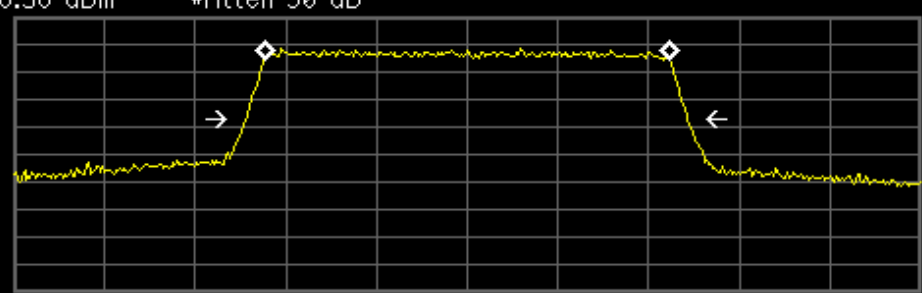
Agilent 20:57:44 Aug 7, 2020 R

Ch Freq 844 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 28.58 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.58 dB



Center 844.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9599 MHz	x dB -26.00 dB
Transmit Freq Error -7.469 kHz	
x dB Bandwidth 9.782 MHz	

Copyright 2000-2012 Agilent Technologies

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

6.24. 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	8.967	9.768	10	Pass

Agilent 20:57:55 Aug 7, 2020 R

Ch Freq 844 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Freq/Channel

Center Freq
844.000000 MHz

Start Freq
834.000000 MHz

Stop Freq
854.000000 MHz

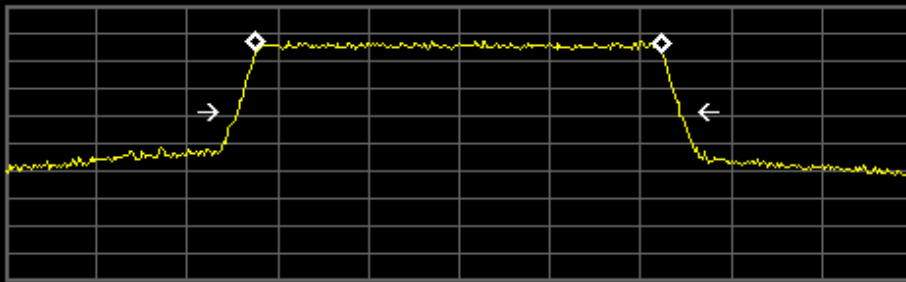
CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 28.58 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.58 dB



Center 844.00 MHz Span 20 MHz

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

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

8.9666 MHz **x dB** -26.00 dB

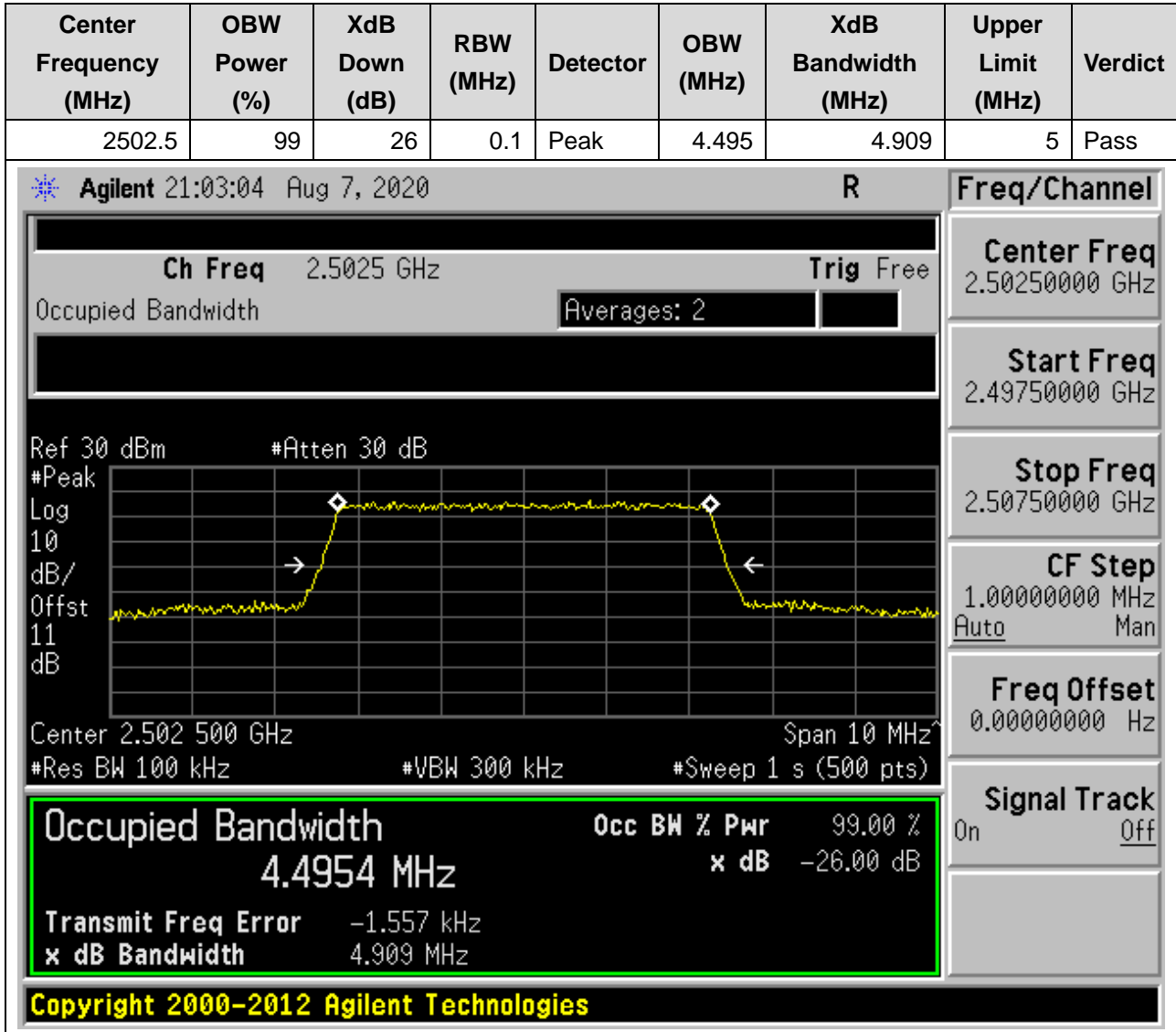
Transmit Freq Error -17.360 kHz

x dB Bandwidth 9.768 MHz

Copyright 2000-2012 Agilent Technologies

7. LTE_Band7

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



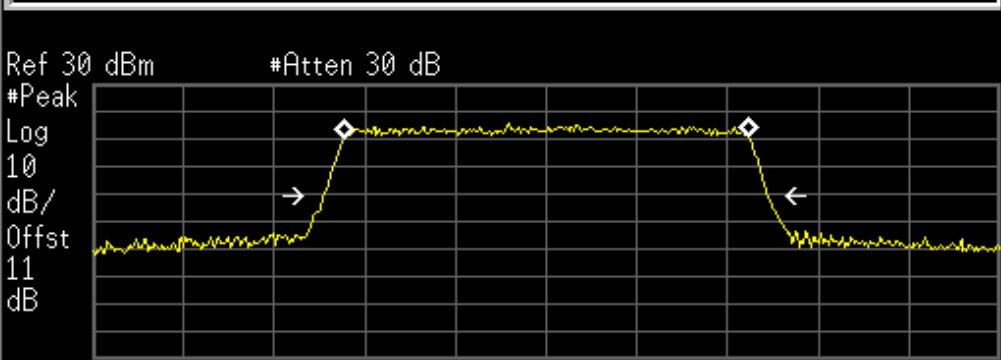
7.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.479	4.923	5	Pass

Agilent 21:03:14 Aug 7, 2020 R

Ch Freq 2.5025 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.502 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4787 MHz	x dB	-26.00 dB
Transmit Freq Error	1.705 kHz	
x dB Bandwidth	4.923 MHz	

Freq/Channel

Center Freq
2.50250000 GHz

Start Freq
2.49750000 GHz

Stop Freq
2.50750000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

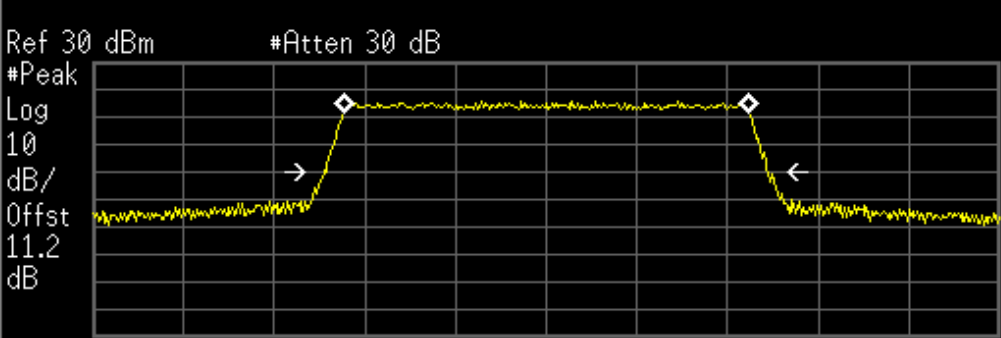
7.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.483	4.915	5	Pass

Agilent 21:03:26 Aug 7, 2020 R

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.535 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4832 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.809 kHz	
x dB Bandwidth	4.915 MHz	

Freq/Channel

Center Freq
2.53500000 GHz

Start Freq
2.53000000 GHz

Stop Freq
2.54000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

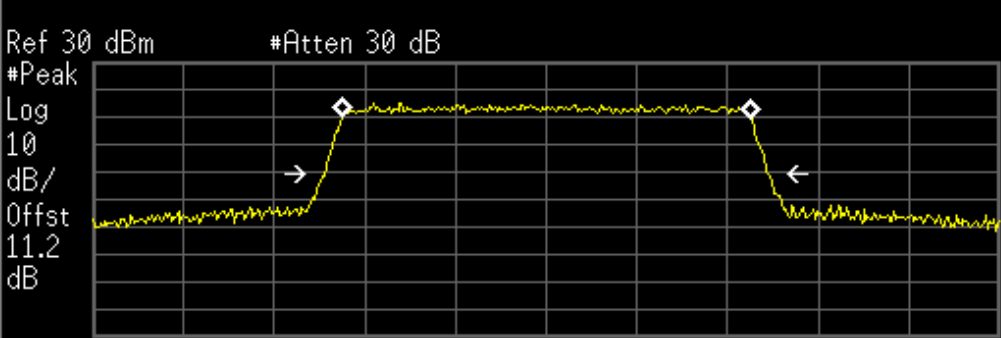
7.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.5	4.906	5	Pass

Agilent 21:03:36 Aug 7, 2020 R

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.2

dB

Center 2.535 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5001 MHz	x dB	-26.00 dB
Transmit Freq Error	-497.744 Hz	
x dB Bandwidth	4.906 MHz	

Freq/Channel

Center Freq
2.53500000 GHz

Start Freq
2.53000000 GHz

Stop Freq
2.54000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

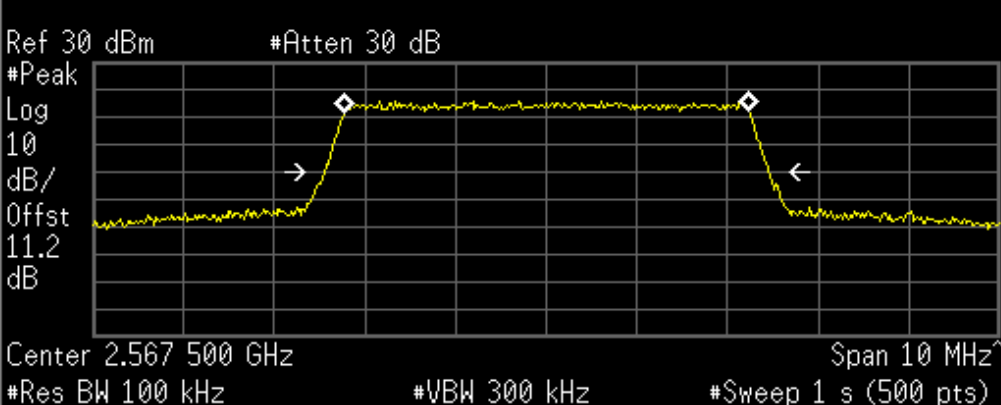
7.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.481	4.921	5	Pass

Agilent 21:03:48 Aug 7, 2020 R

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.567 500 GHz Span 10 MHz

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

Freq/Channel

Center Freq 2.56750000 GHz

Start Freq 2.56250000 GHz

Stop Freq 2.57250000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4806 MHz x dB -26.00 dB

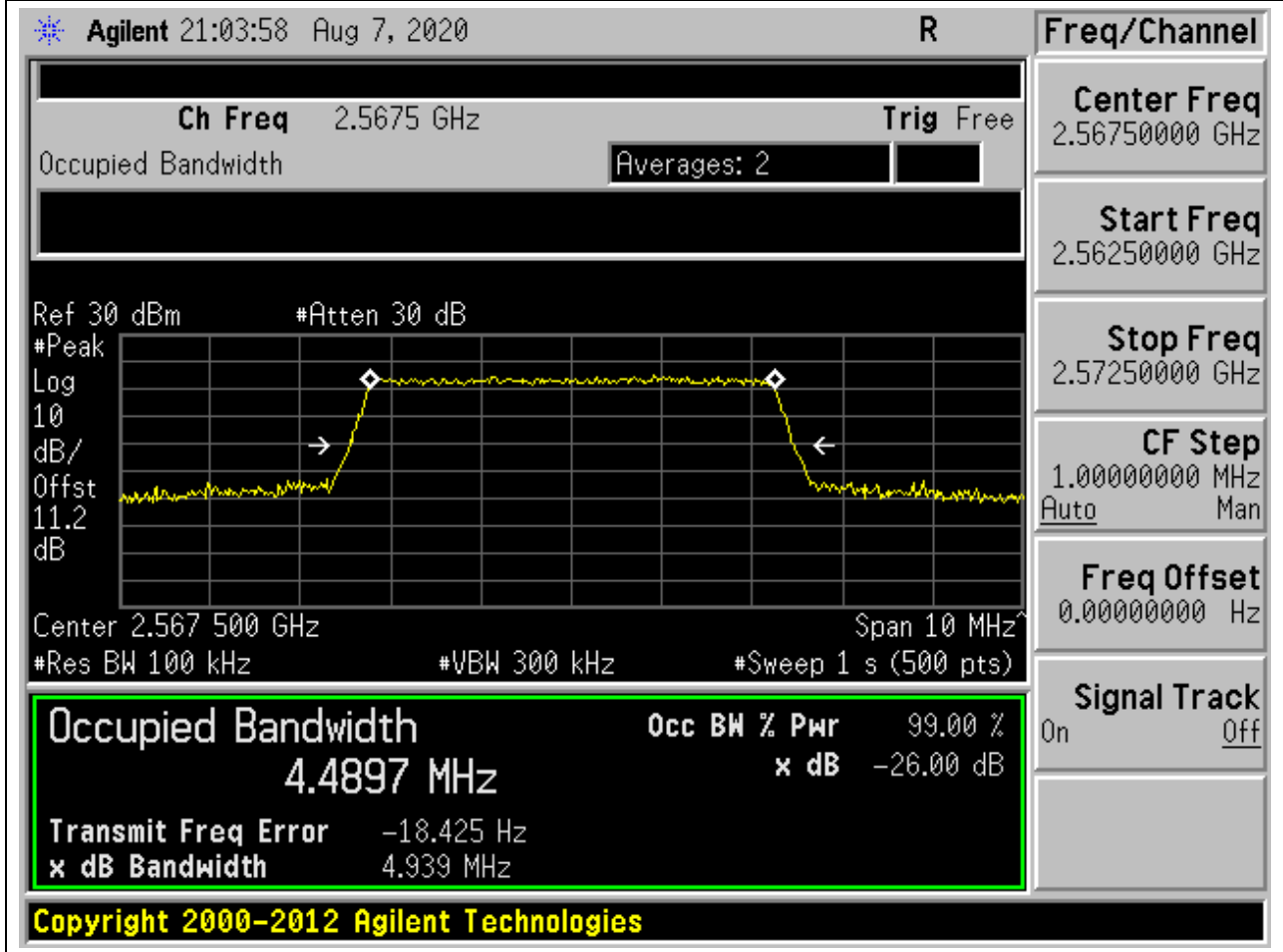
Transmit Freq Error 863.527 Hz

x dB Bandwidth 4.921 MHz

Copyright 2000-2012 Agilent Technologies

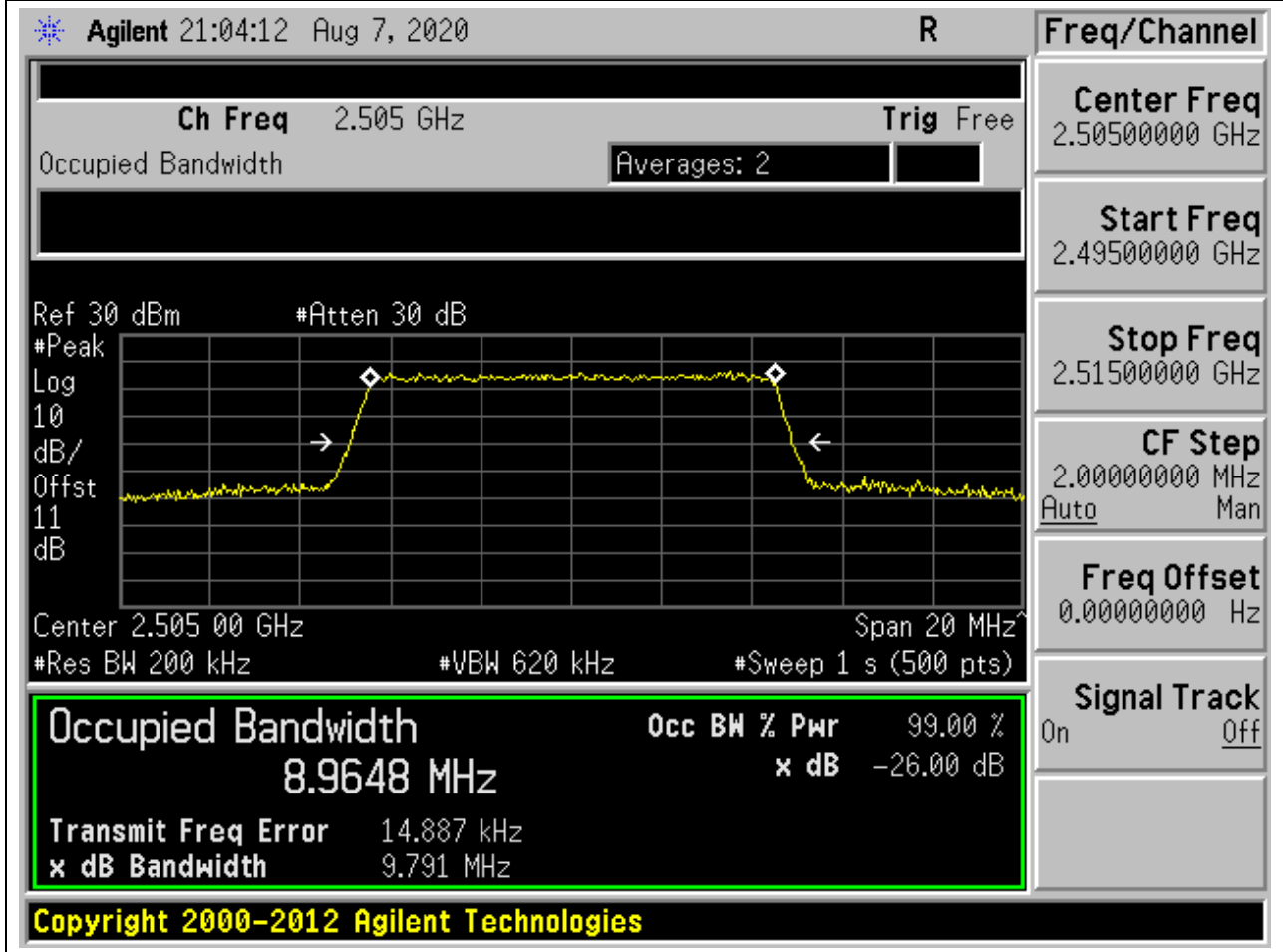
7.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.49	4.939	5	Pass



7.7. 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	8.965	9.791	10	Pass



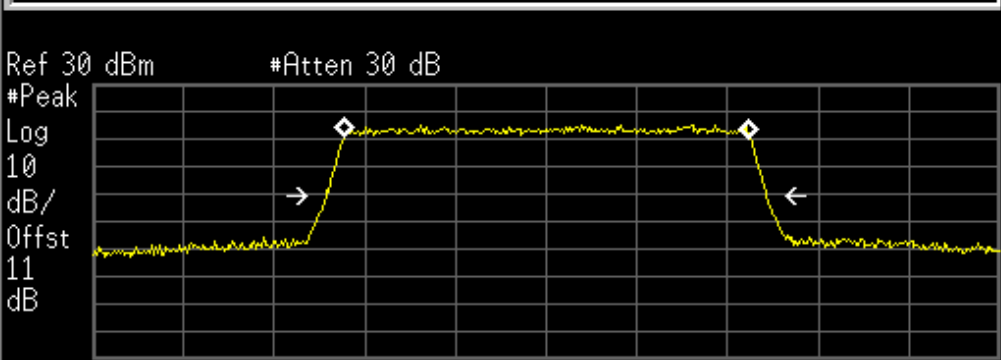
7.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.96	9.744	10	Pass

Agilent 21:04:22 Aug 7, 2020 R

Ch Freq 2.505 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11

dB

Center 2.505 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9601 MHz	x dB	-26.00 dB
Transmit Freq Error	8.346 kHz	
x dB Bandwidth	9.744 MHz	

Copyright 2000-2012 Agilent Technologies

Freq/Channel

Center Freq
2.50500000 GHz

Start Freq
2.49500000 GHz

Stop Freq
2.51500000 GHz

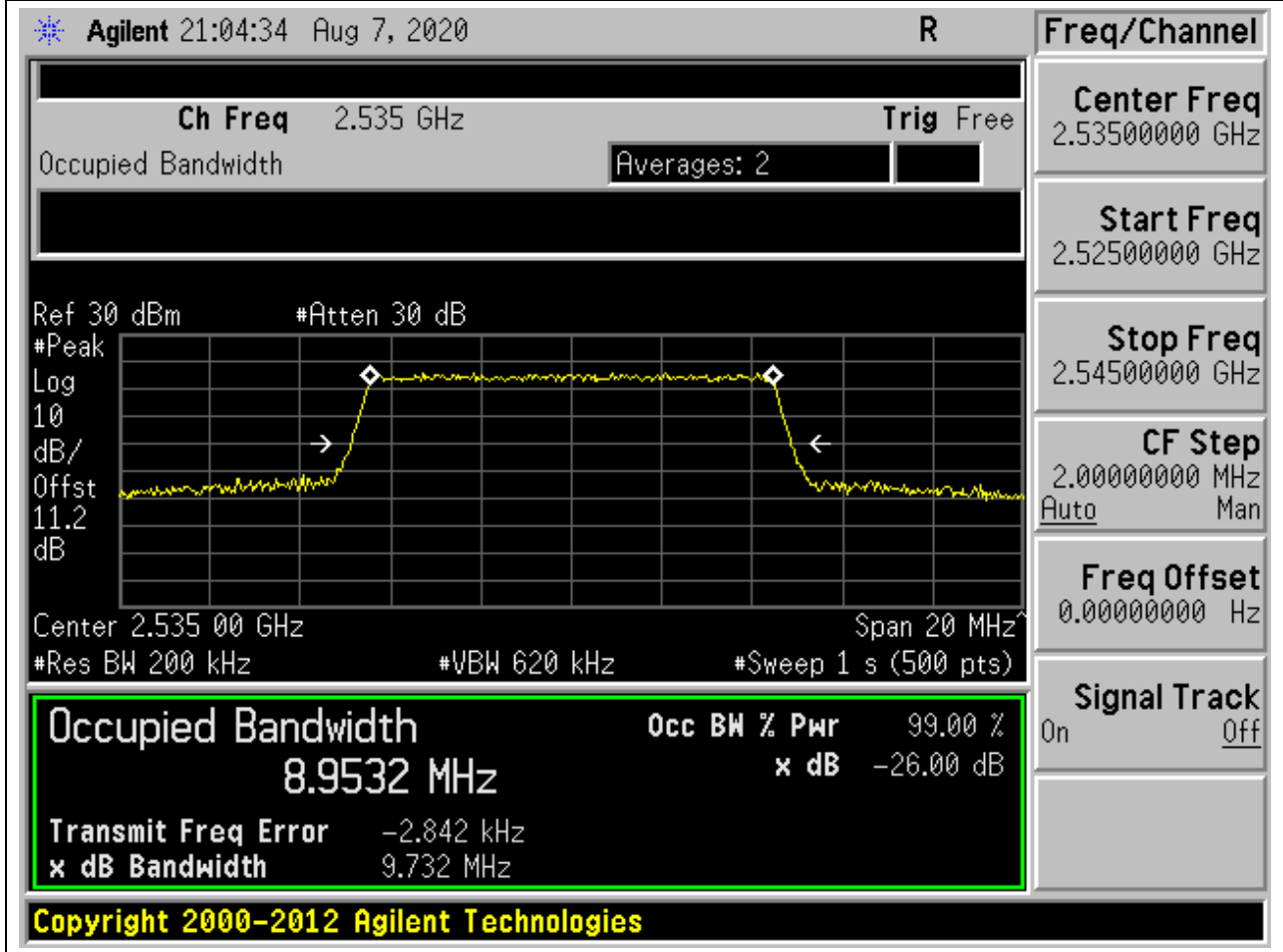
CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

7.9. 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	8.953	9.732	10	Pass



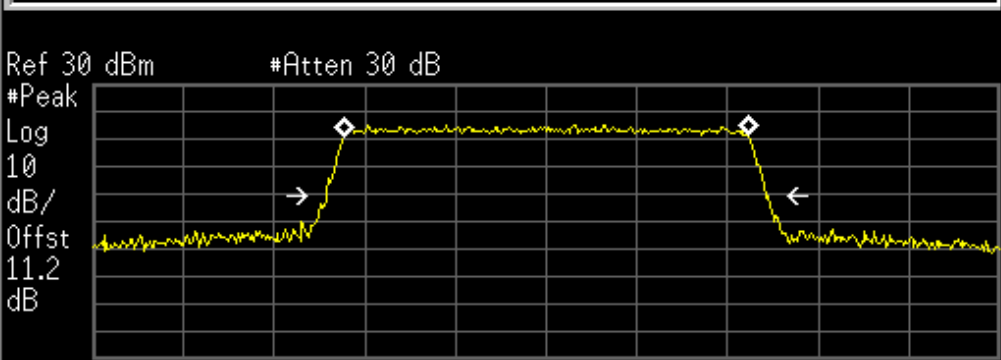
7.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.952	9.722	10	Pass

Agilent 21:04:44 Aug 7, 2020 R

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.535 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9519 MHz	x dB	-26.00 dB
Transmit Freq Error	-943.292 Hz	
x dB Bandwidth	9.722 MHz	

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

Copyright 2000-2012 Agilent Technologies

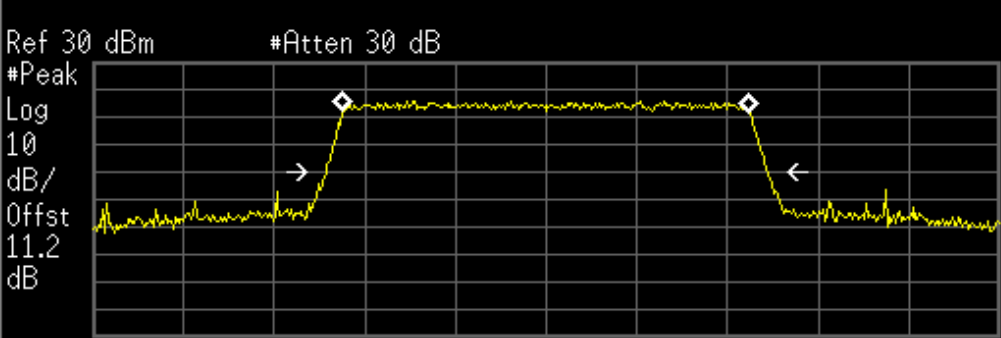
7.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.972	9.77	10	Pass

Agilent 21:04:56 Aug 7, 2020 R

Ch Freq 2.565 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.565 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9719 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.537 kHz	
x dB Bandwidth	9.770 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

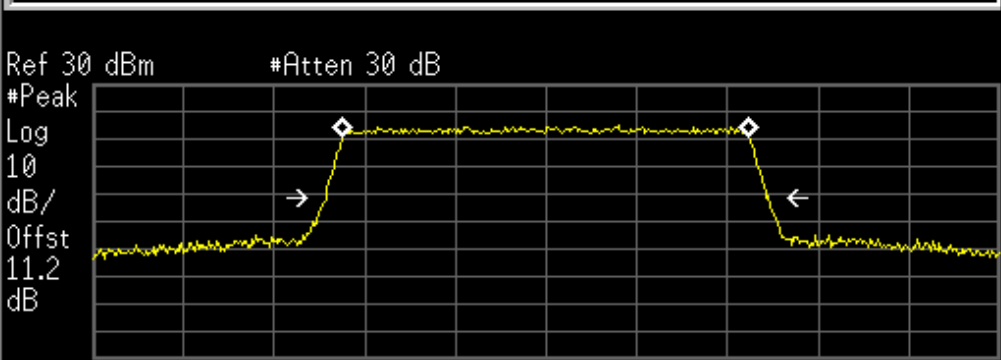
7.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.968	9.791	10	Pass

Agilent 21:05:06 Aug 7, 2020 R

Ch Freq 2.565 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.565 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9678 MHz	x dB -26.00 dB
Transmit Freq Error -8.290 kHz	
x dB Bandwidth 9.791 MHz	

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

Copyright 2000-2012 Agilent Technologies

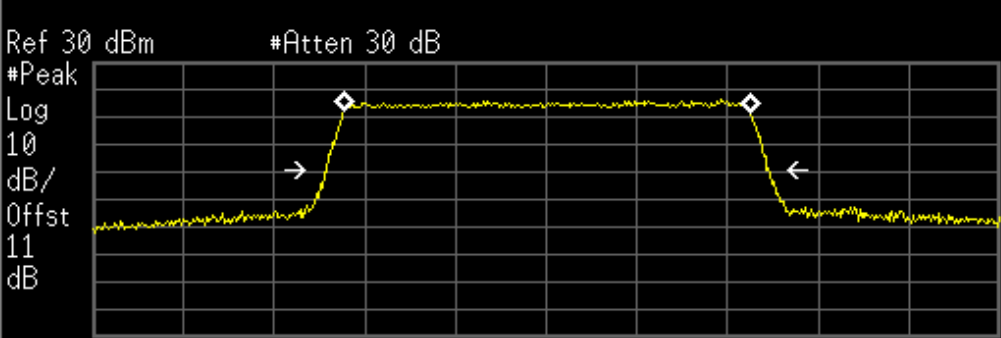
7.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.3	Peak	13.451	14.694	15	Pass

Agilent 21:05:20 Aug 7, 2020 R

Ch Freq 2.5075 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 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 %
13.4505 MHz	x dB	-26.00 dB
Transmit Freq Error		17.892 kHz
x dB Bandwidth		14.694 MHz

Copyright 2000-2012 Agilent Technologies

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

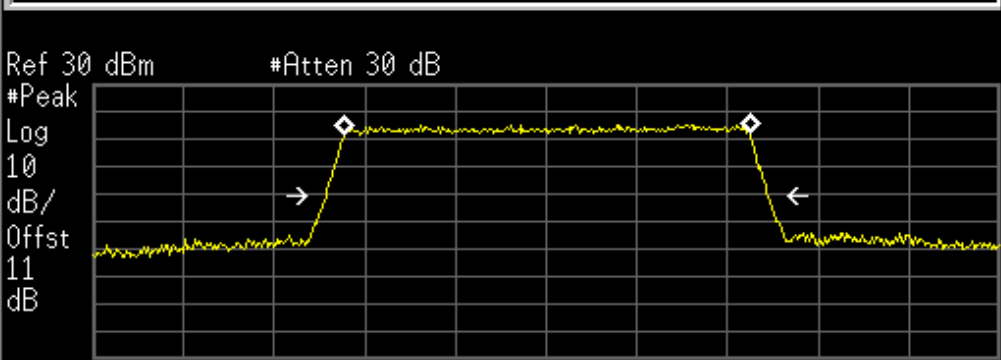
7.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.439	14.602	15	Pass

Agilent 21:05:30 Aug 7, 2020 R

Ch Freq 2.5075 GHz **Trig** Free

Occupied Bandwidth Averages: 2



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 %
13.4394 MHz	x dB	-26.00 dB
Transmit Freq Error	10.929 kHz	
x dB Bandwidth	14.602 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

Copyright 2000-2012 Agilent Technologies

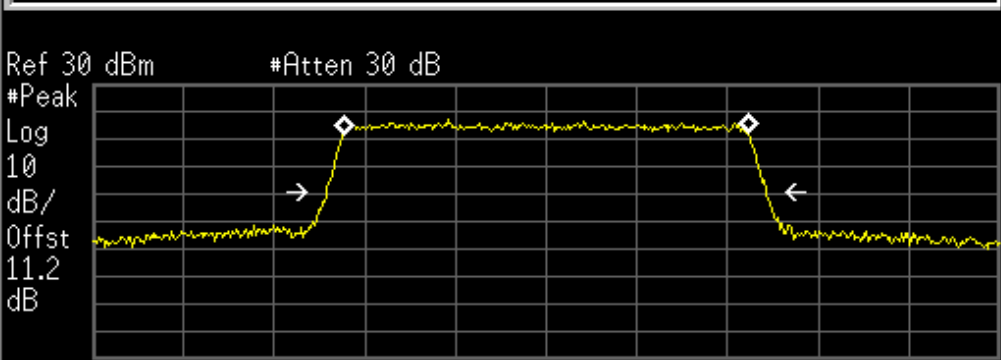
7.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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	13.407	14.531	15	Pass

Agilent 21:05:42 Aug 7, 2020 R

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.2 dB

Center 2.535 00 GHz Span 30 MHz

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

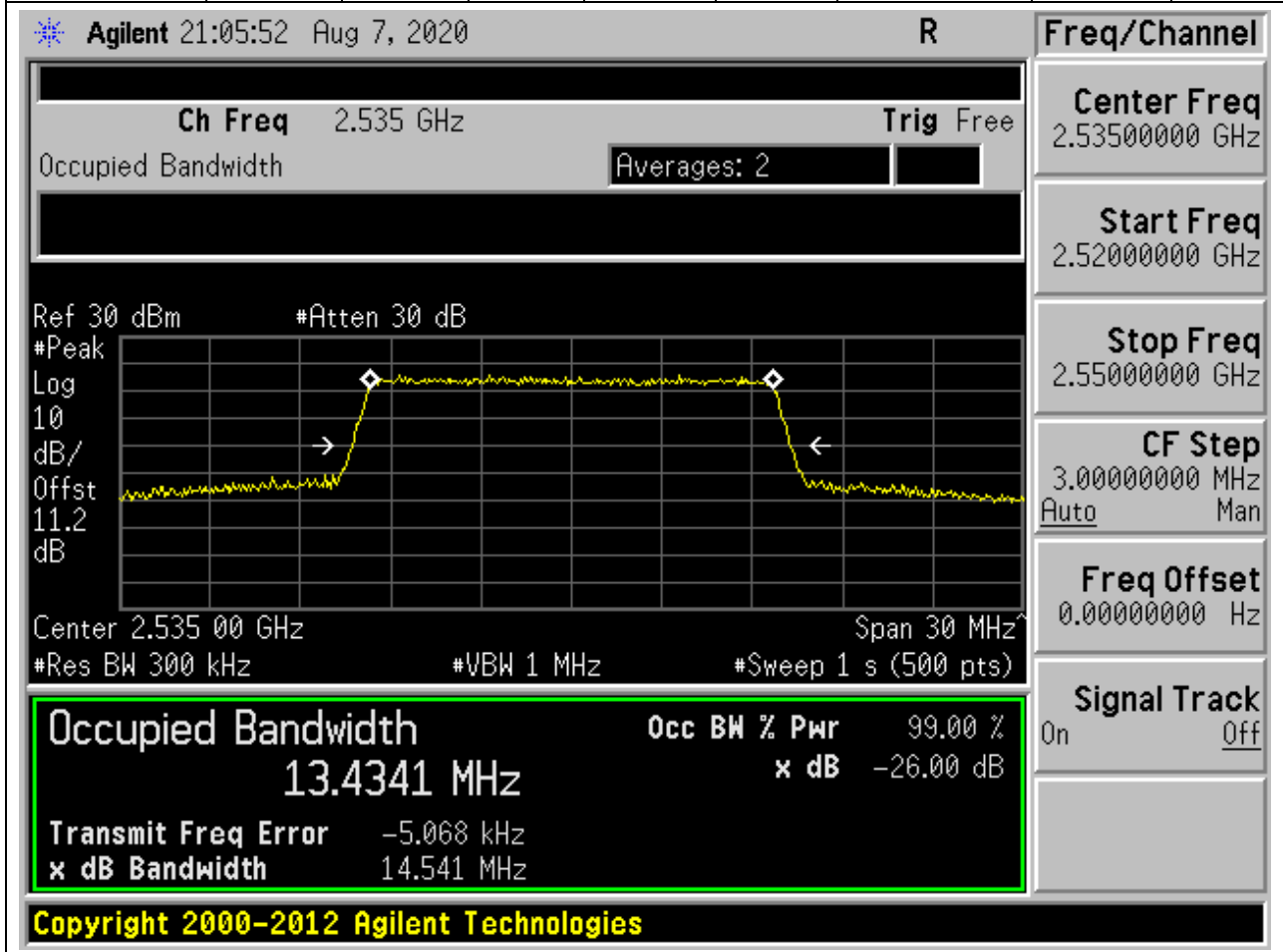
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4074 MHz	x dB	-26.00 dB
Transmit Freq Error	-16.861 kHz	
x dB Bandwidth	14.531 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

7.16. 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	13.434	14.541	15	Pass



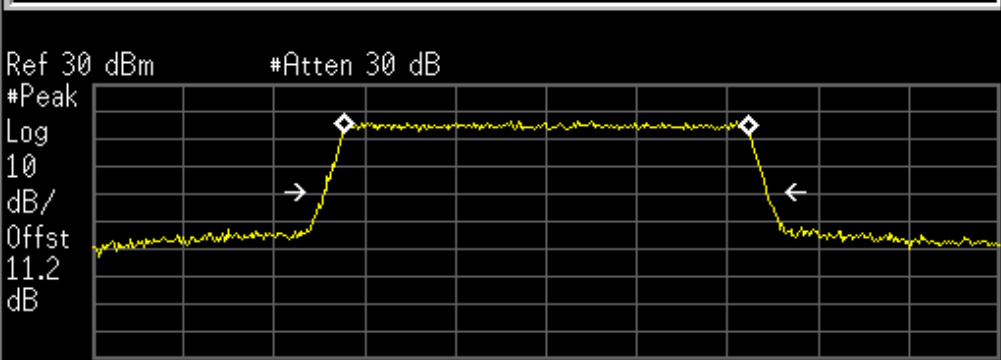
7.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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	13.432	14.691	15	Pass

Agilent 21:06:04 Aug 7, 2020 R

Ch Freq 2.5625 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.562 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4321 MHz	x dB	-26.00 dB
Transmit Freq Error	-16.634 kHz	
x dB Bandwidth	14.691 MHz	

Freq/Channel

Center Freq
2.56250000 GHz

Start Freq
2.54750000 GHz

Stop Freq
2.57750000 GHz

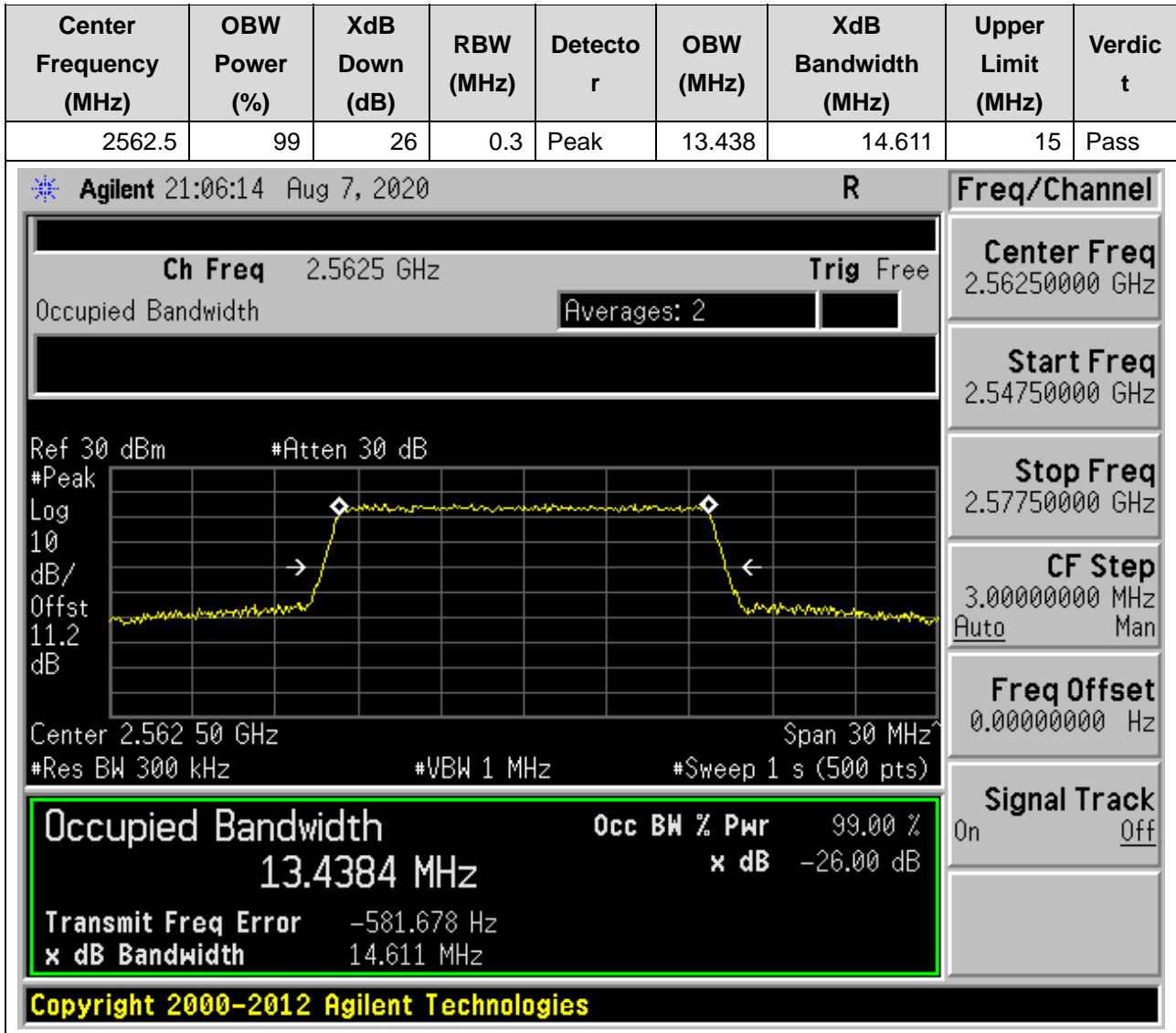
CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

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



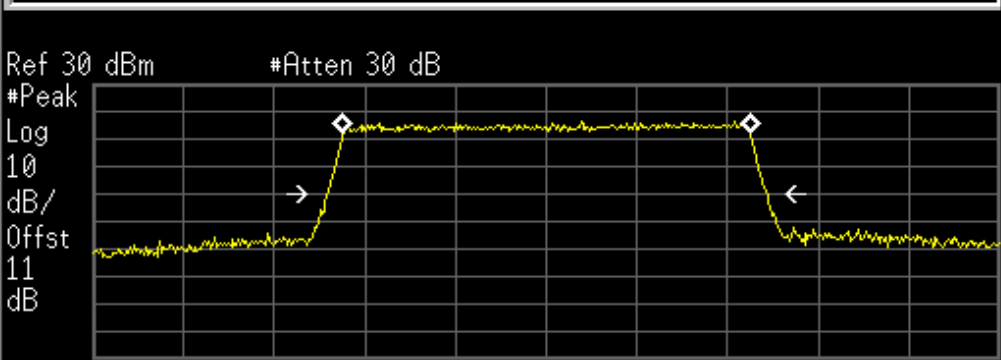
7.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.928	19.345	20	Pass

Agilent 21:06:28 Aug 7, 2020 R

Ch Freq 2.51 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.510 00 GHz Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9282 MHz	x dB	-26.00 dB
Transmit Freq Error	18.375 kHz	
x dB Bandwidth	19.345 MHz	

Freq/Channel

Center Freq 2.51000000 GHz

Start Freq 2.49000000 GHz

Stop Freq 2.53000000 GHz

CF Step 4.00000000 MHz
Auto Man

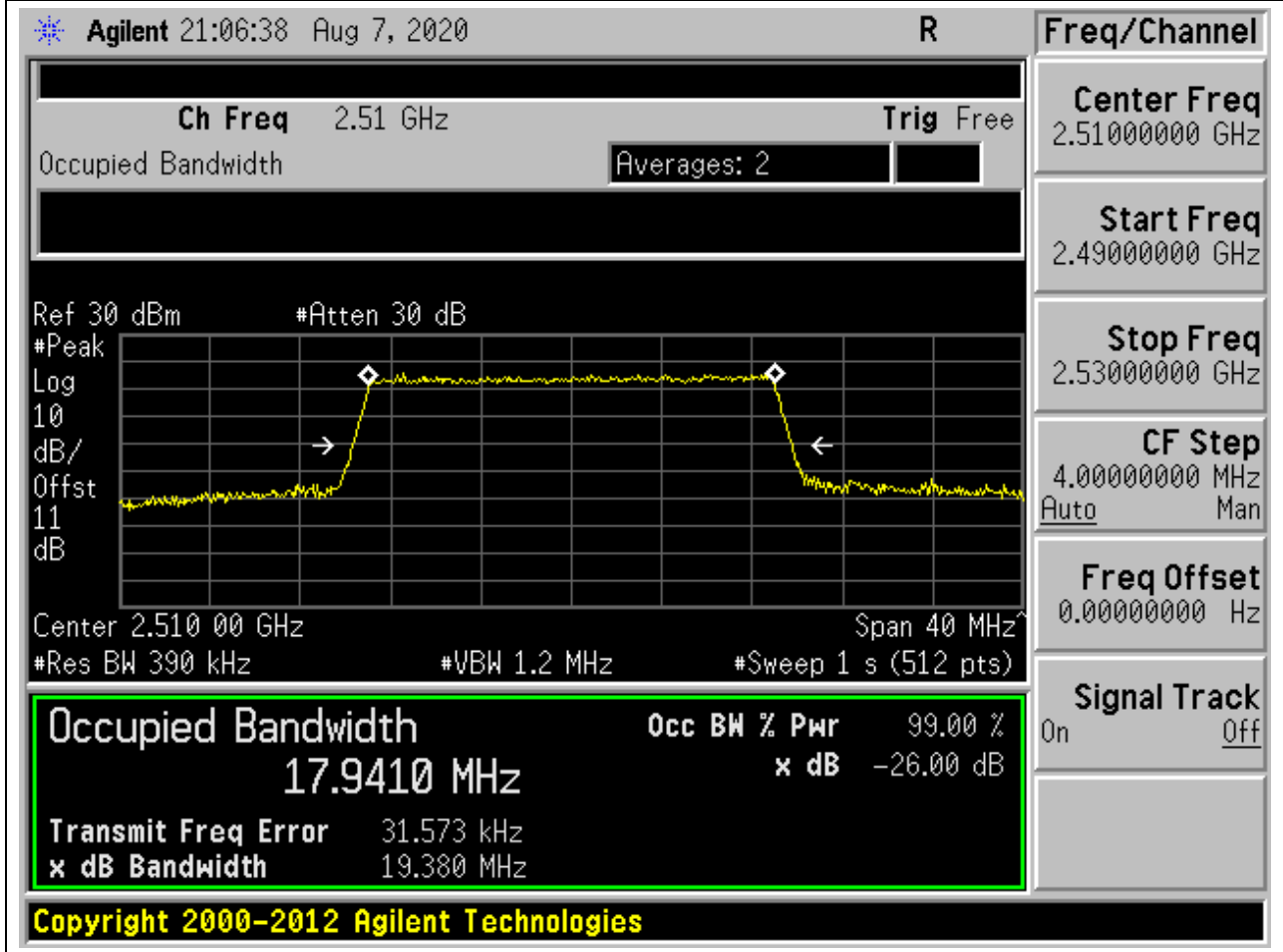
Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

7.20. 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	17.941	19.38	20	Pass



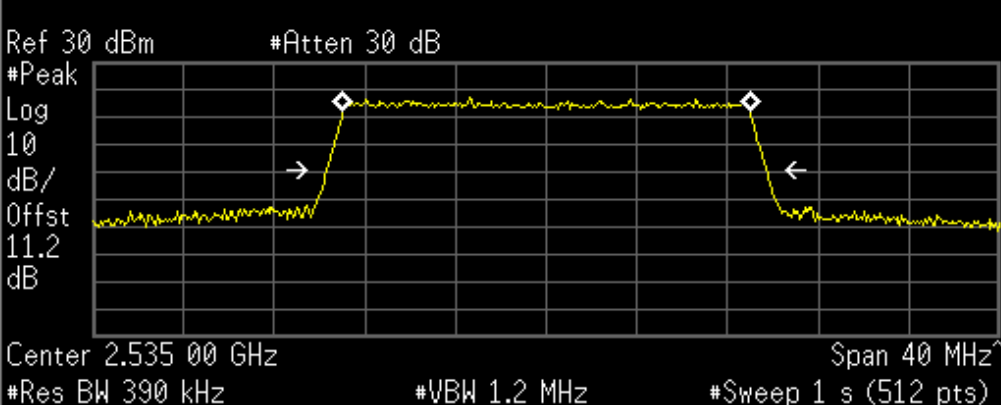
7.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.902	19.338	20	Pass

Agilent 21:06:50 Aug 7, 2020 R

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9016 MHz	x dB -26.00 dB
Transmit Freq Error 6.748 kHz	
x dB Bandwidth 19.338 MHz	

Copyright 2000-2012 Agilent Technologies

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

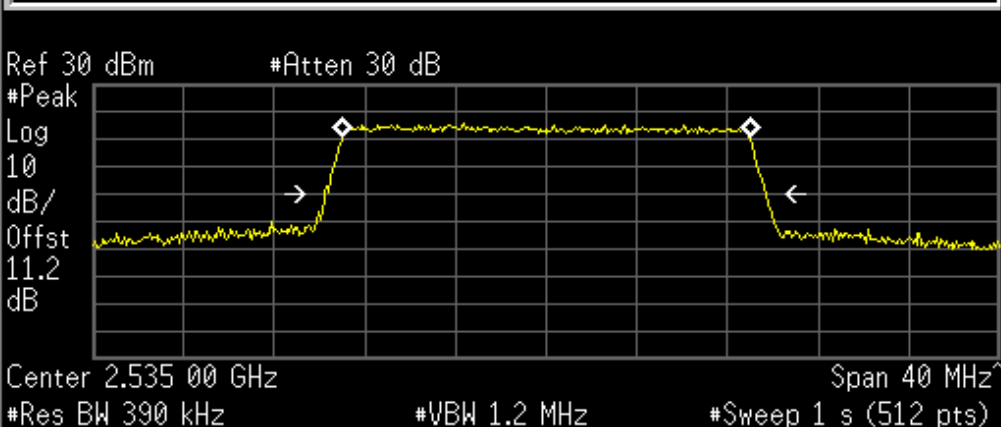
7.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.92	19.435	20	Pass

Agilent 21:07:00 Aug 7, 2020 R

Ch Freq 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.535 00 GHz Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9203 MHz	x dB	-26.00 dB
Transmit Freq Error	-14.061 kHz	
x dB Bandwidth	19.435 MHz	

Freq/Channel

Center Freq
2.53500000 GHz

Start Freq
2.51500000 GHz

Stop Freq
2.55500000 GHz

CF Step
4.00000000 MHz
Auto Man

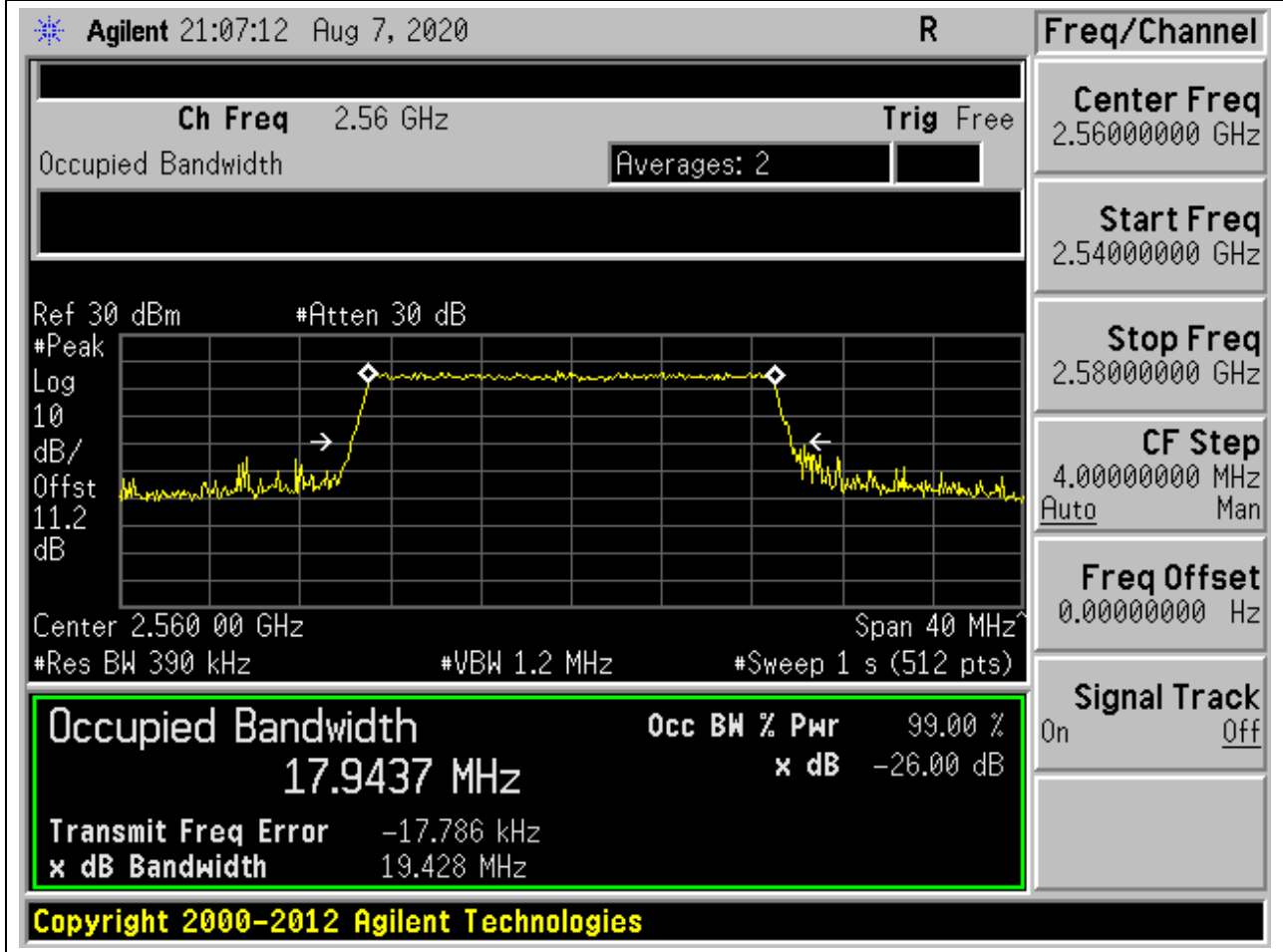
Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.944	19.428	20	Pass



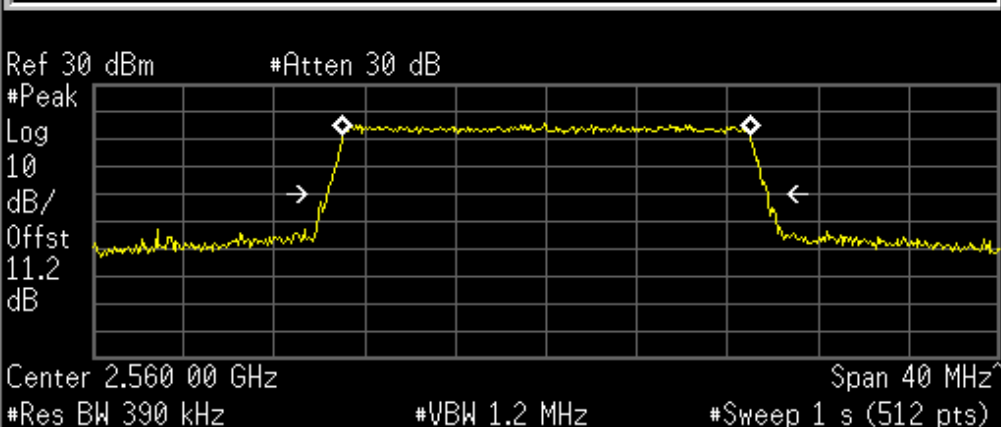
7.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.915	19.383	20	Pass

Agilent 21:07:22 Aug 7, 2020 R

Ch Freq 2.56 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.560 00 GHz Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9145 MHz	x dB	-26.00 dB
Transmit Freq Error	7.595 kHz	
x dB Bandwidth	19.383 MHz	

Freq/Channel

Center Freq
2.56000000 GHz

Start Freq
2.54000000 GHz

Stop Freq
2.58000000 GHz

CF Step
4.00000000 MHz
Auto Man

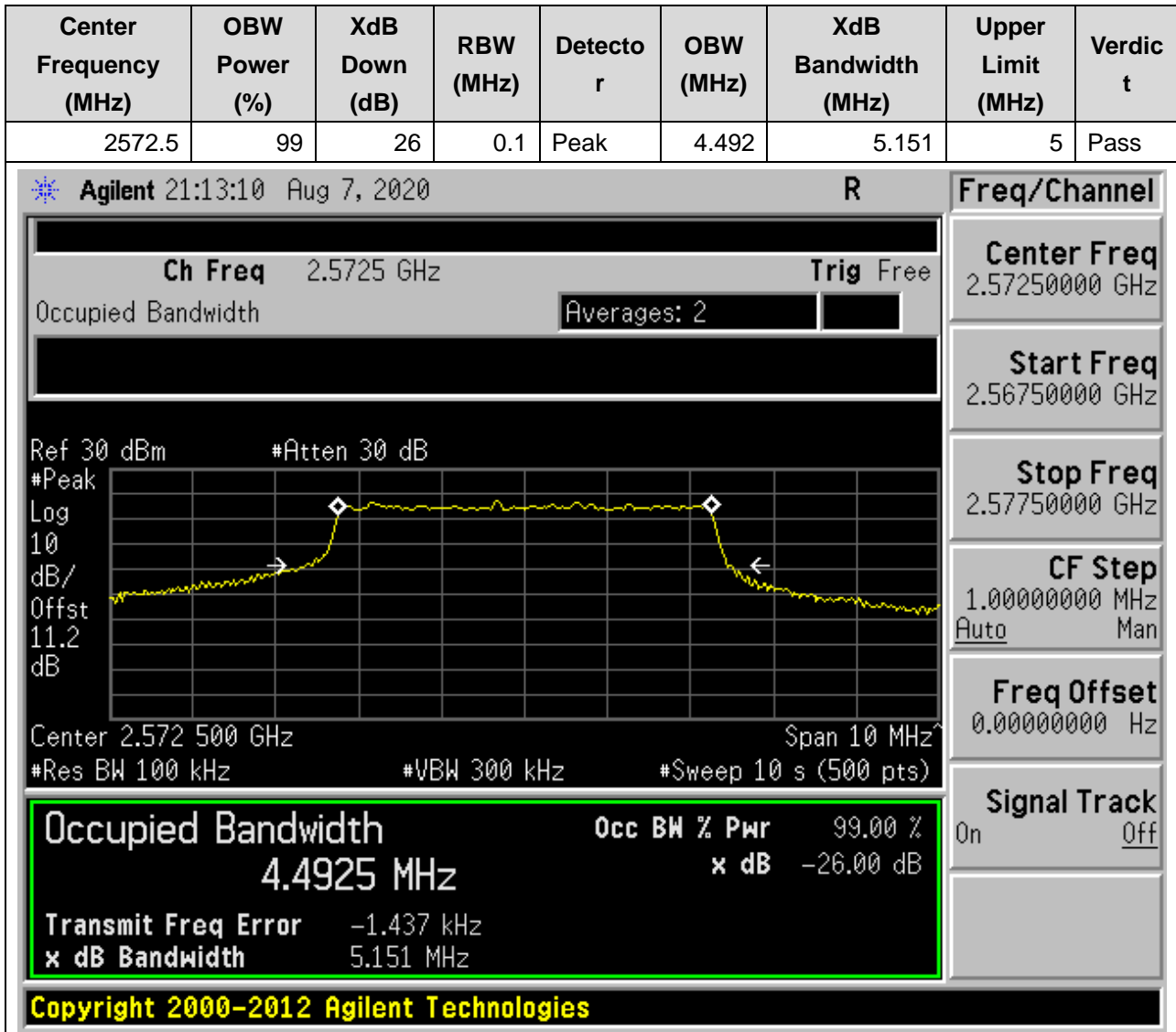
Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

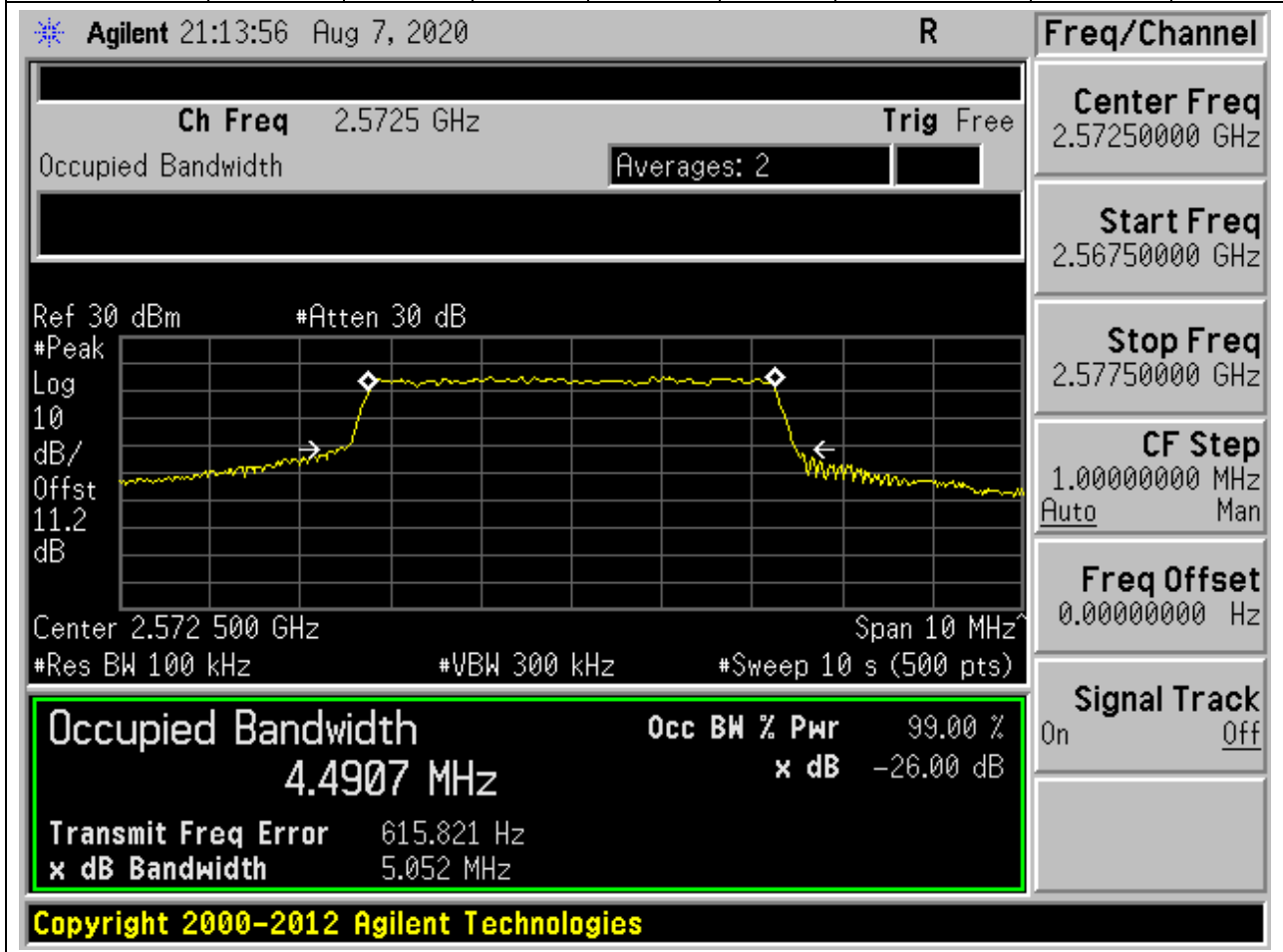
8. LTE_Band38

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



8.2. 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	4.491	5.052	5	Pass



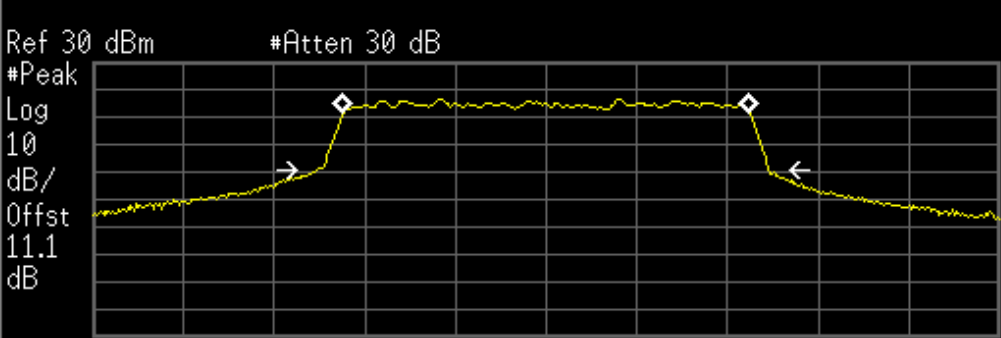
8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.487	5.007	5	Pass

Agilent 21:14:44 Aug 7, 2020 R

Ch Freq 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.595 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4868 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.167 kHz	
x dB Bandwidth	5.007 MHz	

Freq/Channel

Center Freq
2.59500000 GHz

Start Freq
2.59000000 GHz

Stop Freq
2.60000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

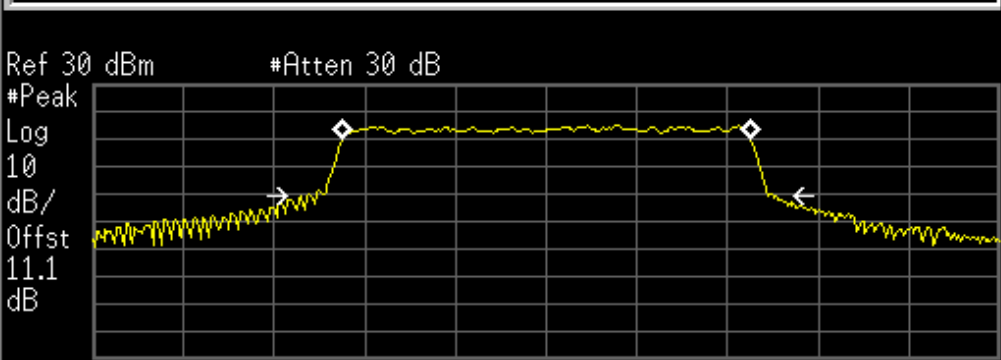
8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:38000, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.491	5.117	5	Pass

Agilent 21:15:30 Aug 7, 2020 R

Ch Freq 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.1

dB

Center 2.595 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4914 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.183 kHz	
x dB Bandwidth	5.117 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

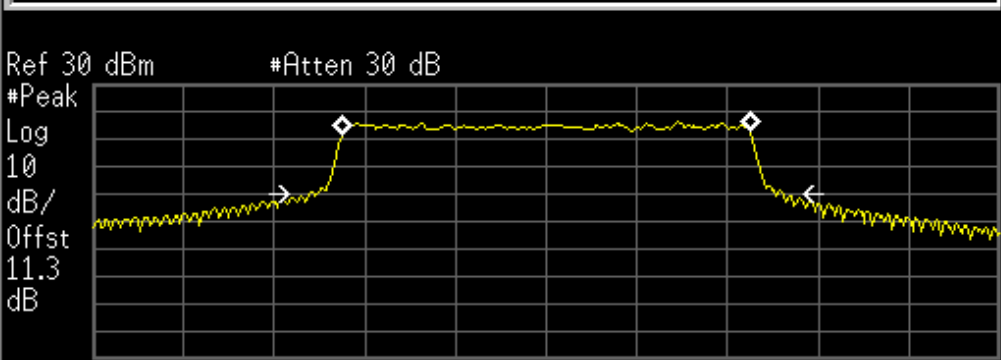
8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.501	5.221	5	Pass

Agilent 21:16:18 Aug 7, 2020 R

Ch Freq 2.6175 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.617 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5013 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.069 kHz	
x dB Bandwidth	5.221 MHz	

Freq/Channel

Center Freq
2.61750000 GHz

Start Freq
2.61250000 GHz

Stop Freq
2.62250000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

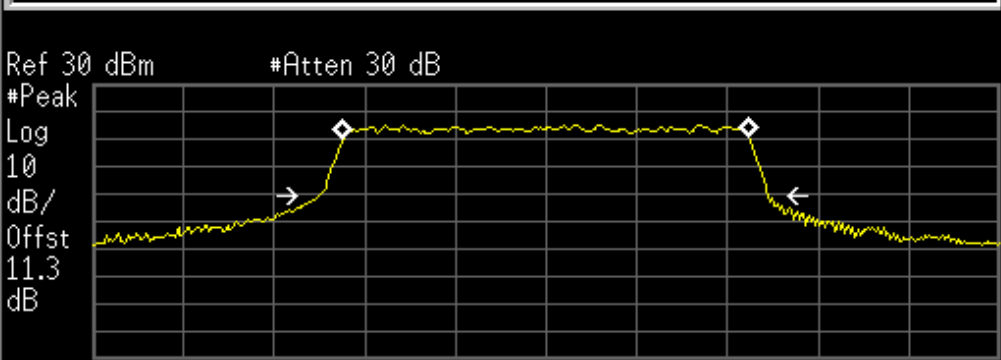
8.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:38225, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.482	4.983	5	Pass

Agilent 21:17:04 Aug 7, 2020 R

Ch Freq 2.6175 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.617 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4816 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.800 kHz	
x dB Bandwidth	4.983 MHz	

Freq/Channel

Center Freq
2.61750000 GHz

Start Freq
2.61250000 GHz

Stop Freq
2.62250000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

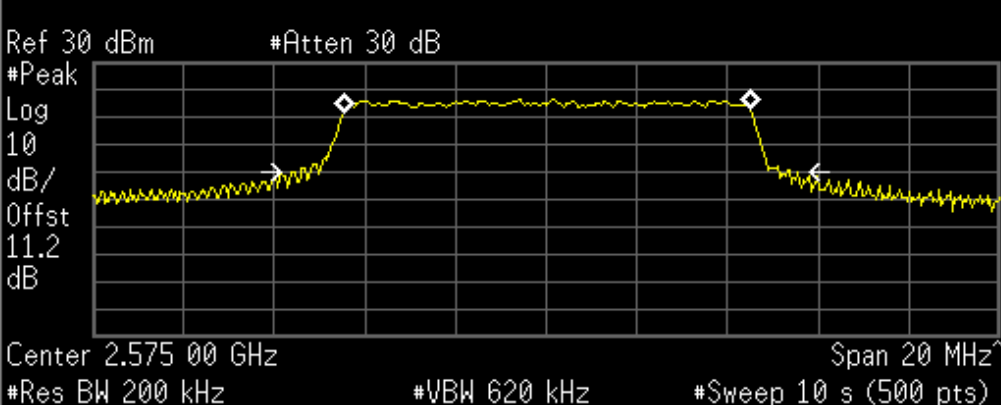
8.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:37800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.986	10.531	10	Pass

Agilent 21:17:55 Aug 7, 2020 R

Ch Freq 2.575 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9859 MHz	x dB -26.00 dB
Transmit Freq Error 16.139 kHz	
x dB Bandwidth 10.531 MHz	

Freq/Channel

Center Freq 2.57500000 GHz

Start Freq 2.56500000 GHz

Stop Freq 2.58500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

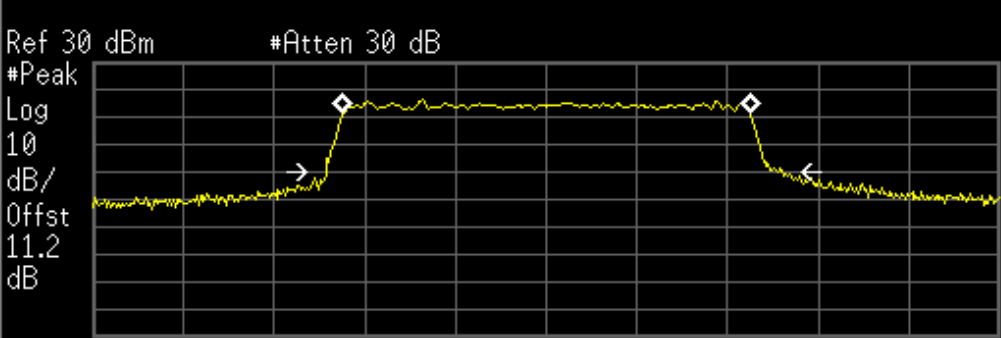
8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:37800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.981	10.001	10	Pass

Agilent 21:18:41 Aug 7, 2020 R

Ch Freq 2.575 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.2 dB

Center 2.575 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9810 MHz	x dB	-26.00 dB
Transmit Freq Error	1.180 kHz	
x dB Bandwidth	10.001 MHz	

Freq/Channel

Center Freq
2.57500000 GHz

Start Freq
2.56500000 GHz

Stop Freq
2.58500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

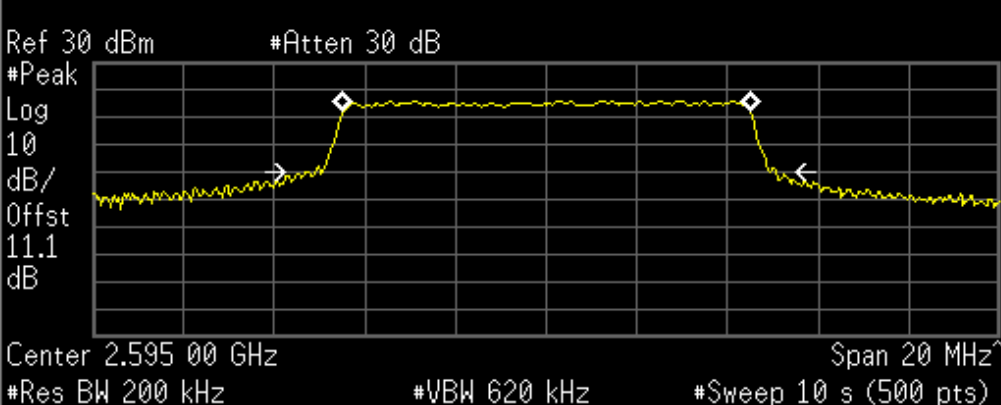
8.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:38000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.984	10.371	10	Pass

Agilent 21:19:29 Aug 7, 2020 R

Ch Freq 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9841 MHz	x dB -26.00 dB
Transmit Freq Error -615.586 Hz	
x dB Bandwidth 10.371 MHz	

Freq/Channel

Center Freq 2.59500000 GHz

Start Freq 2.58500000 GHz

Stop Freq 2.60500000 GHz

CF Step 2.00000000 MHz
Auto Man

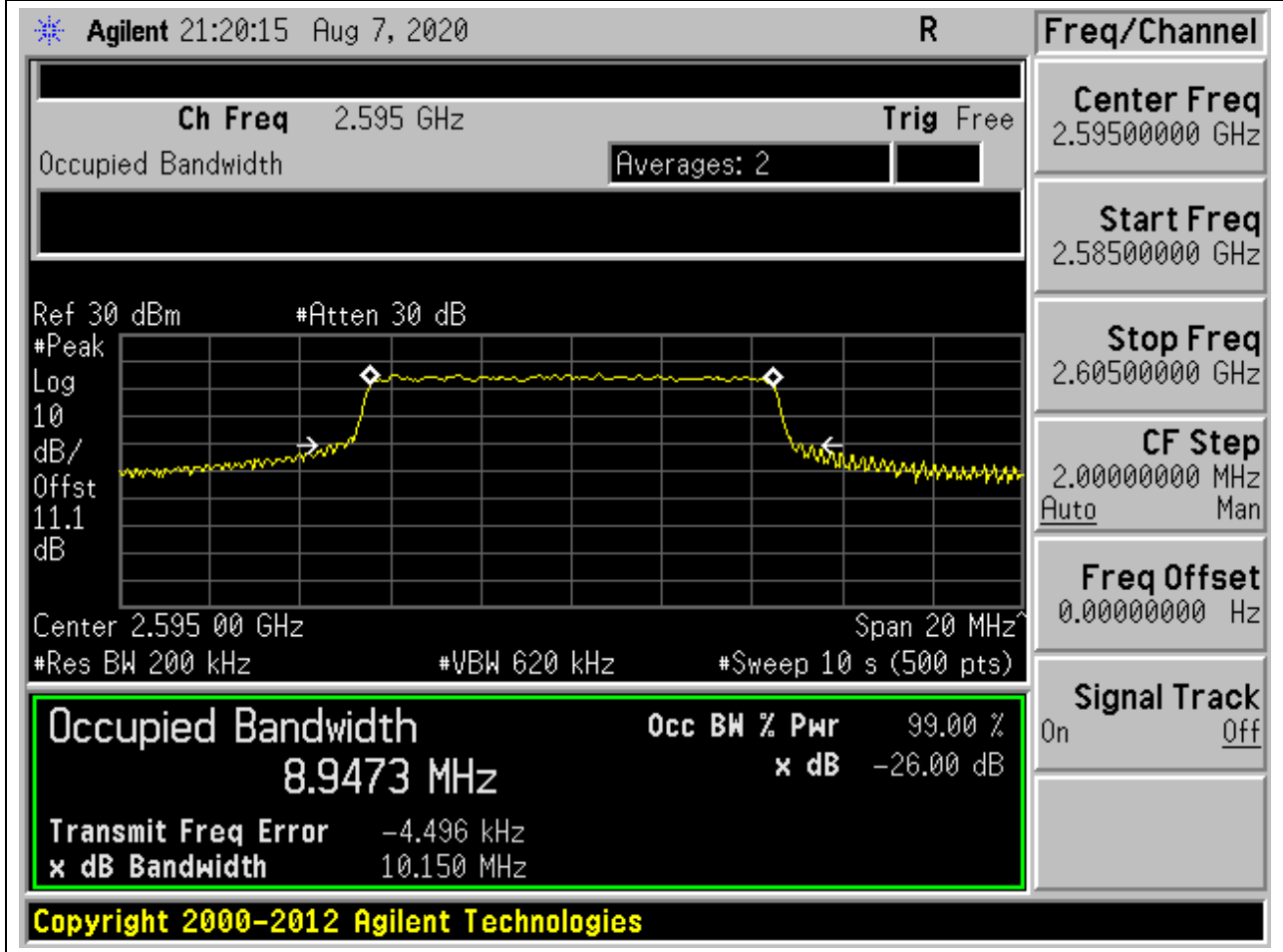
Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

8.10. 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	8.947	10.15	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.99	10.358	10	Pass

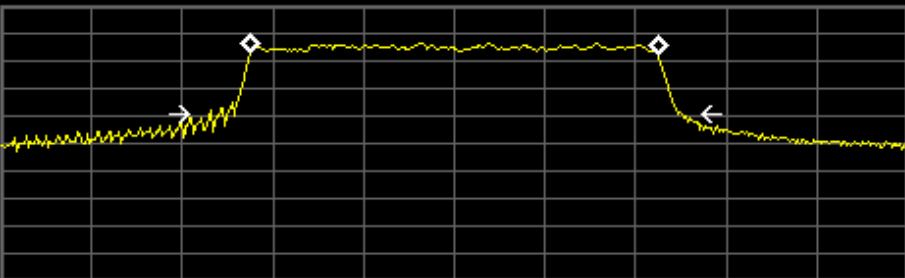
Agilent 21:21:03 Aug 7, 2020 R

Ch Freq 2.615 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB



Center 2.615 00 GHz Span 20 MHz

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

Freq/Channel

Center Freq
2.61500000 GHz

Start Freq
2.60500000 GHz

Stop Freq
2.62500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

8.9899 MHz **x dB** -26.00 dB

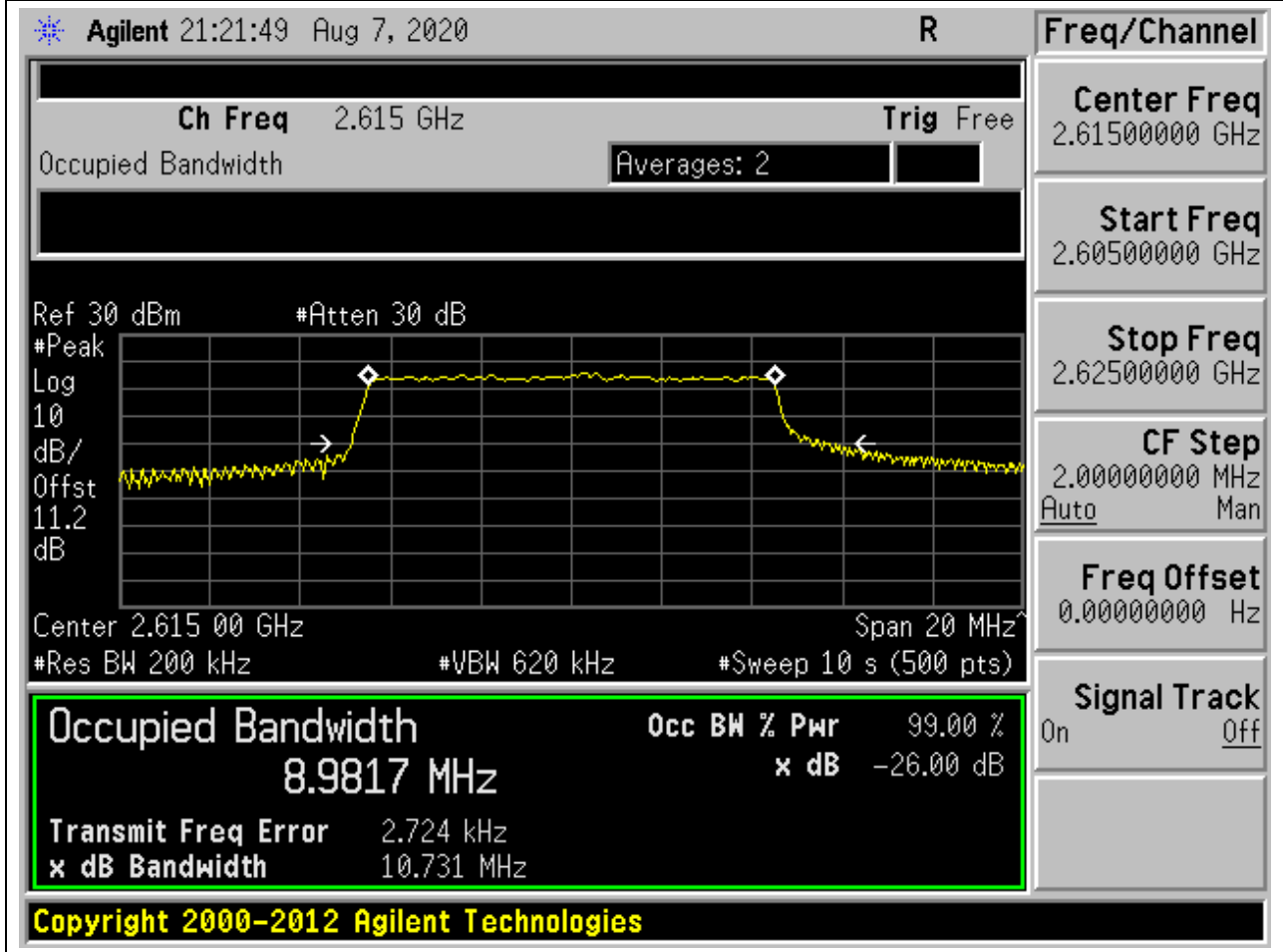
Transmit Freq Error -9.645 kHz

x dB Bandwidth 10.358 MHz

Copyright 2000-2012 Agilent Technologies

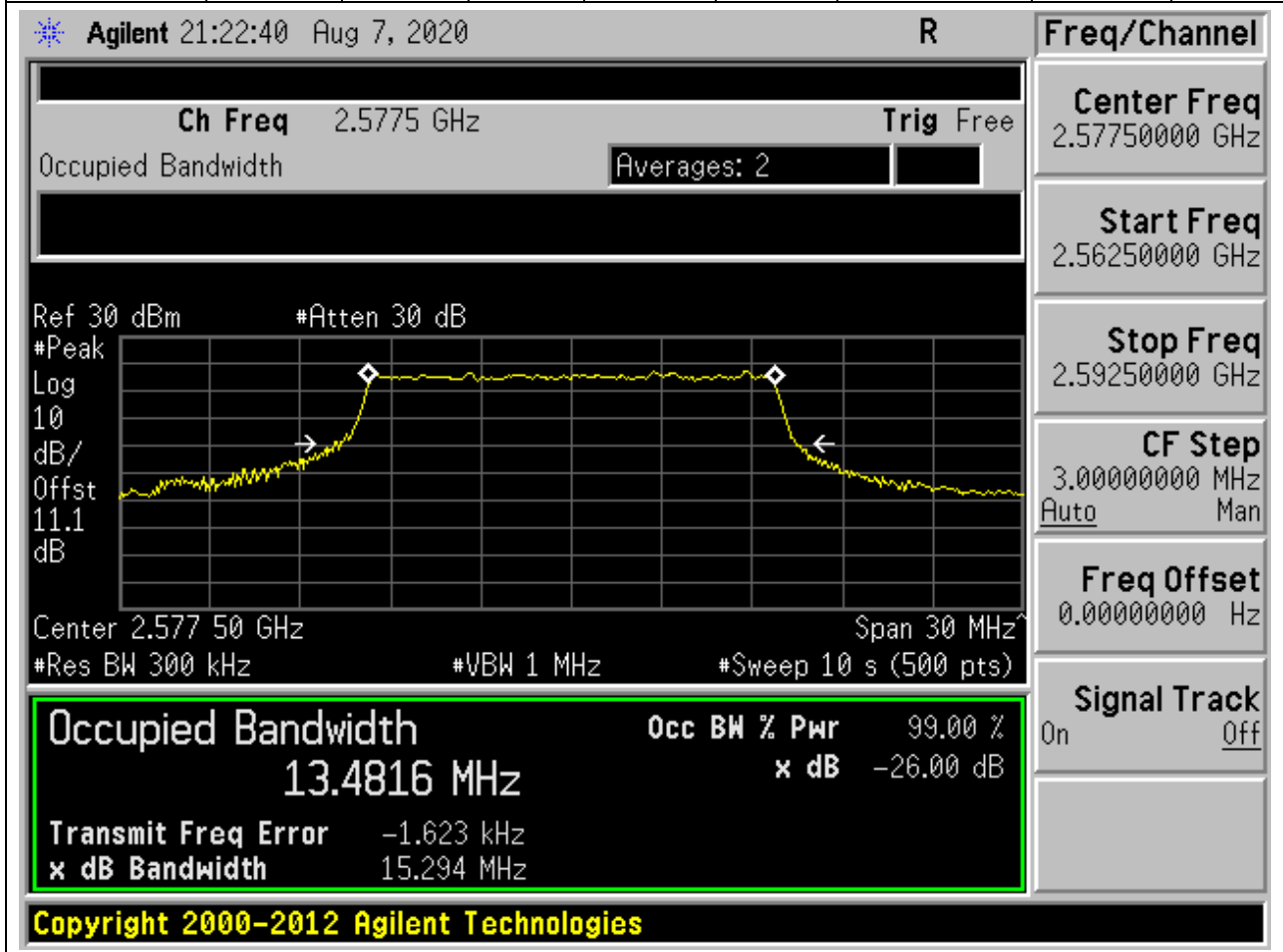
8.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:38200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.982	10.731	10	Pass



8.13. 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	13.482	15.294	15	Pass



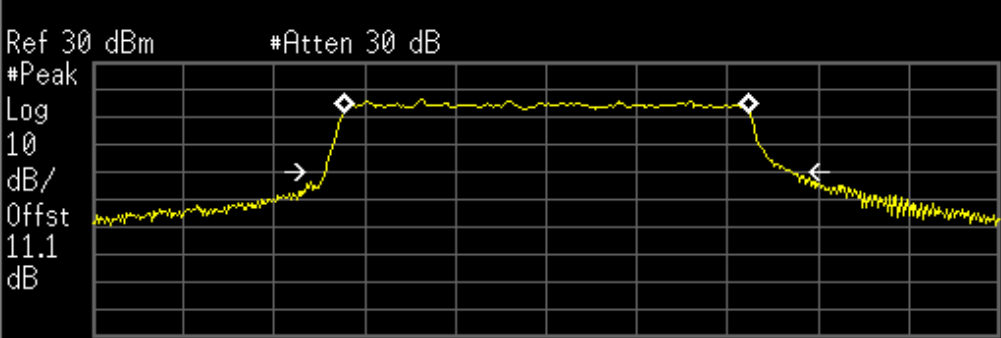
8.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:37825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.461	15.301	15	Pass

Agilent 21:23:26 Aug 7, 2020 R

Ch Freq 2.5775 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.1 dB

Center 2.577 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.4614 MHz	x dB -26.00 dB
Transmit Freq Error -1.950 kHz	
x dB Bandwidth 15.301 MHz	

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

Copyright 2000-2012 Agilent Technologies

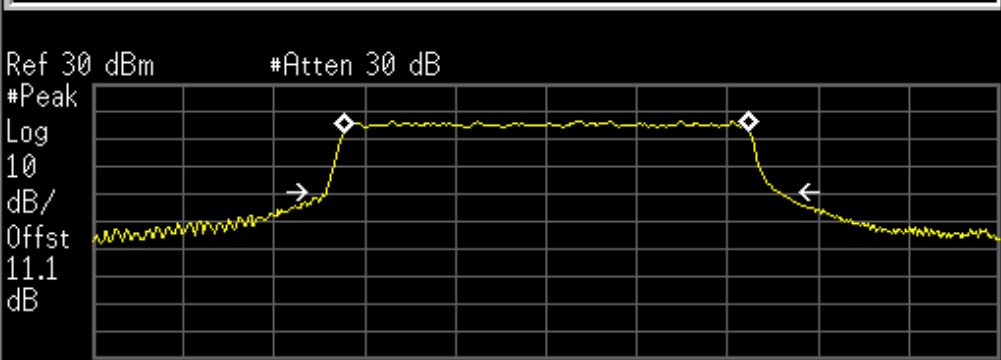
8.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:38000, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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	13.429	14.981	15	Pass

Agilent 21:24:14 Aug 7, 2020 R

Ch Freq 2.595 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Center 2.595 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4286 MHz	x dB	-26.00 dB
Transmit Freq Error	4.676 kHz	
x dB Bandwidth	14.981 MHz	

Freq/Channel

Center Freq
2.59500000 GHz

Start Freq
2.58000000 GHz

Stop Freq
2.61000000 GHz

CF Step
3.00000000 MHz
Auto Man

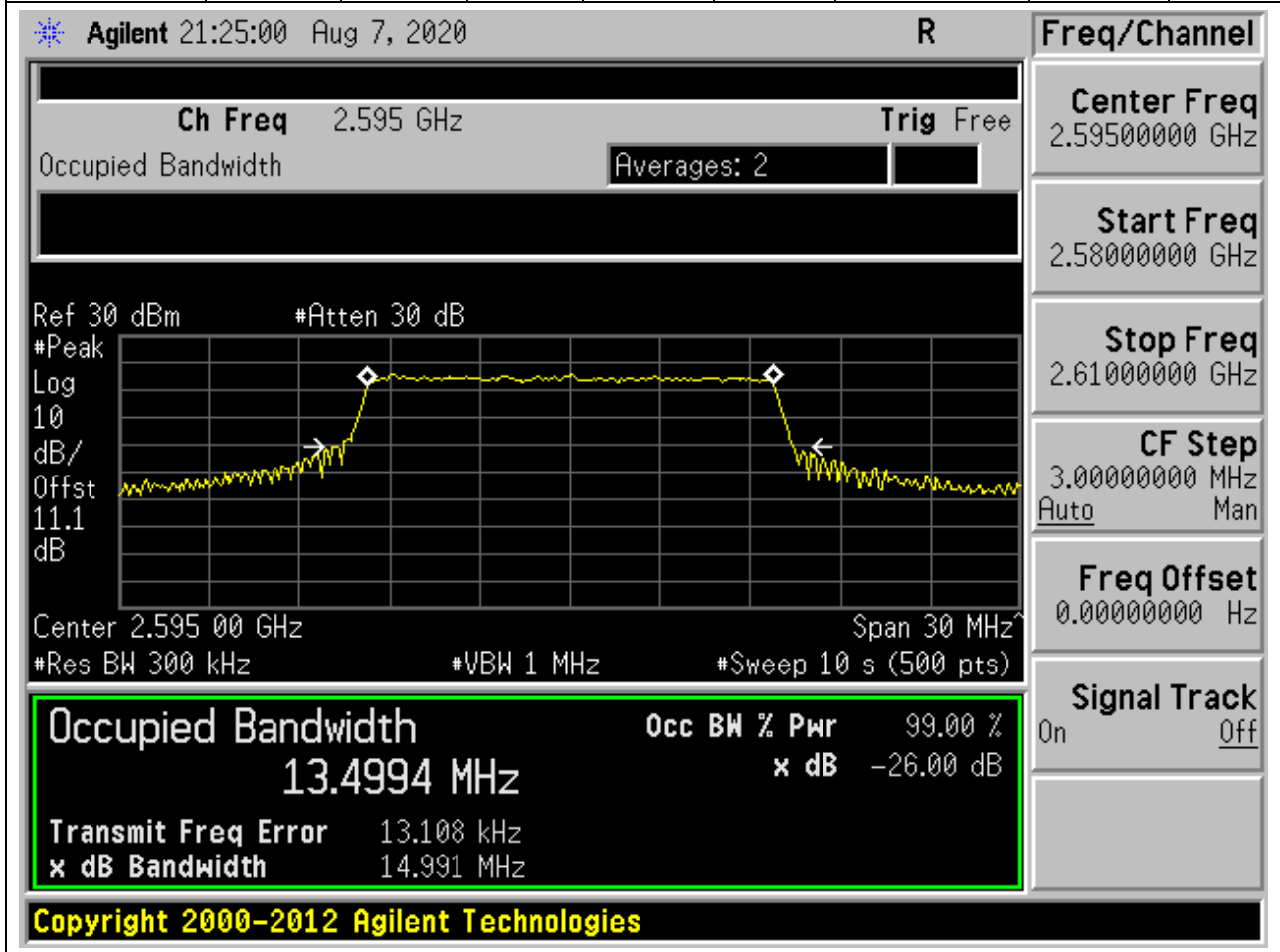
Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

8.16. 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	13.499	14.991	15	Pass



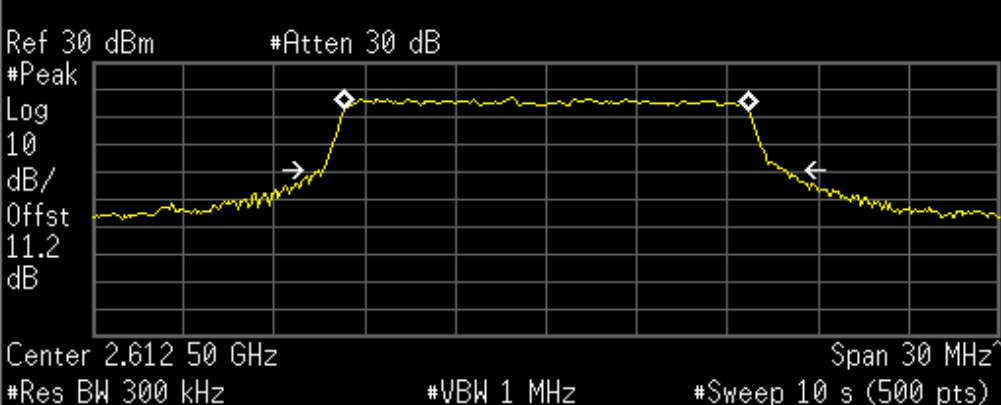
8.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:38175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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	13.412	15.28	15	Pass

Agilent 21:25:48 Aug 7, 2020 R

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2



Center 2.612 50 GHz Span 30 MHz

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

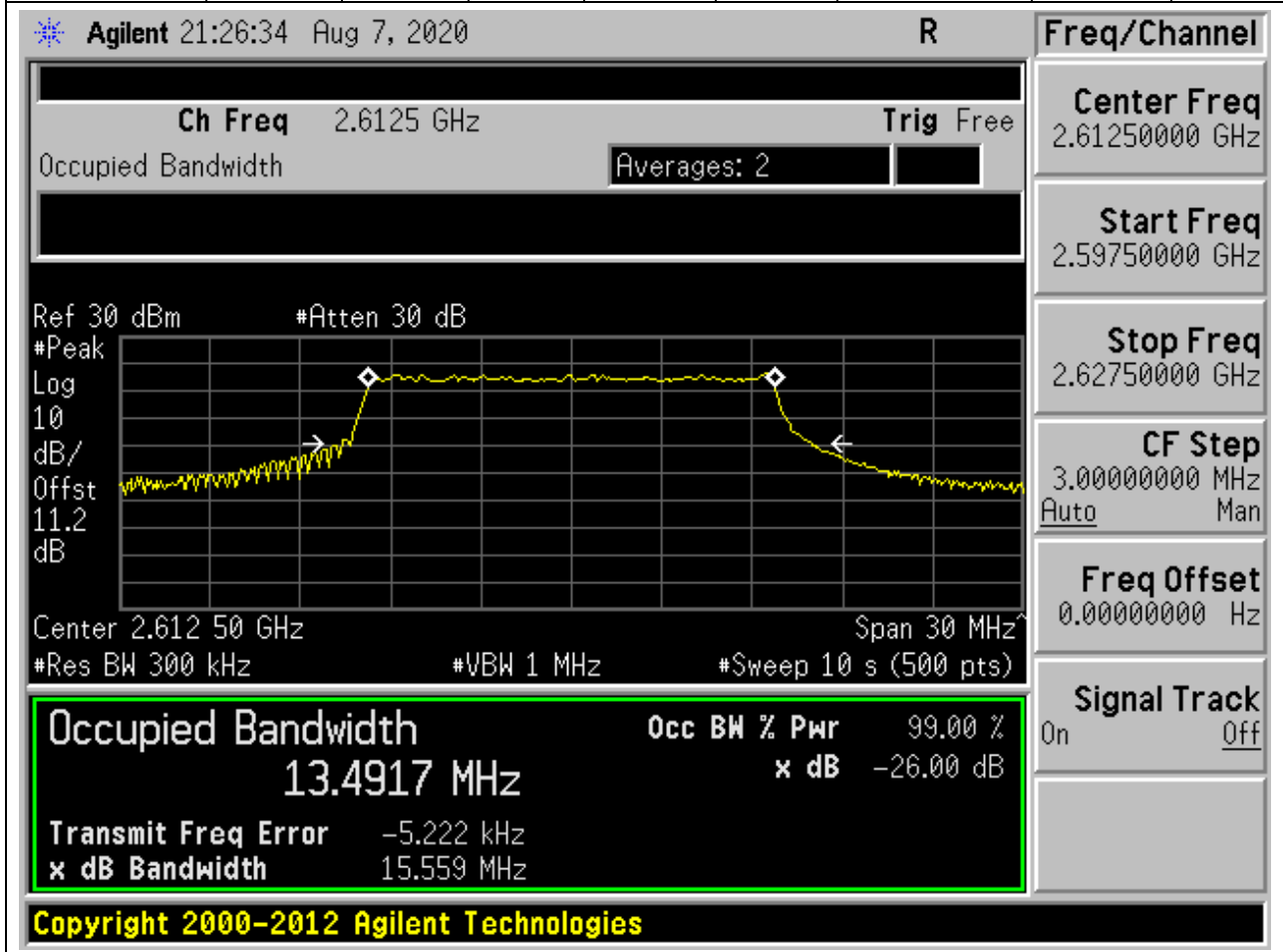
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4116 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.145 kHz	
x dB Bandwidth	15.280 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.492	15.559	15	Pass



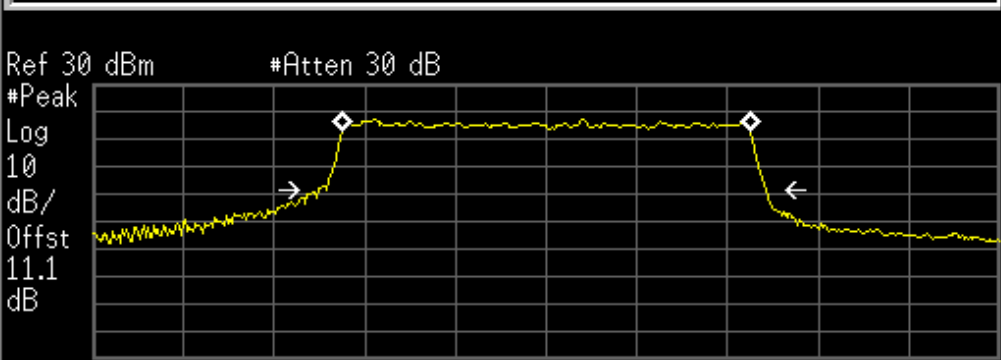
8.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.973	19.682	20	Pass

Agilent 21:27:25 Aug 7, 2020 R

Ch Freq 2.58 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Center 2.580 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 %
17.9734 MHz	x dB	-26.00 dB
Transmit Freq Error		-17.150 kHz
x dB Bandwidth		19.682 MHz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

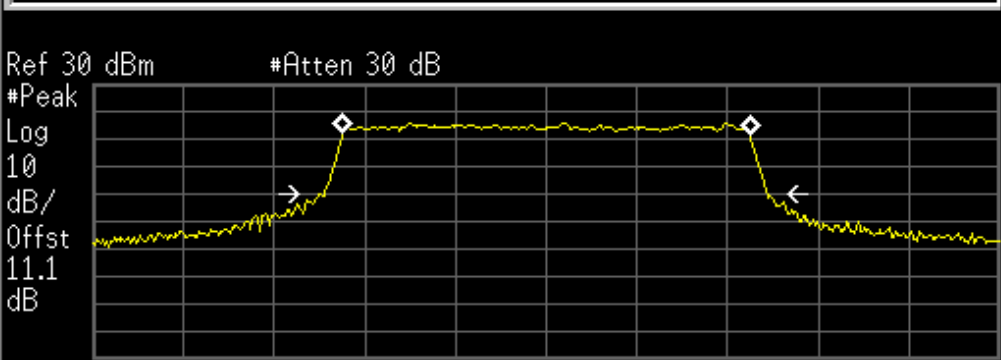
8.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.938	19.637	20	Pass

Agilent 21:28:11 Aug 7, 2020 R

Ch Freq 2.58 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.1

dB

Center 2.580 00 GHz Span 40 MHz

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

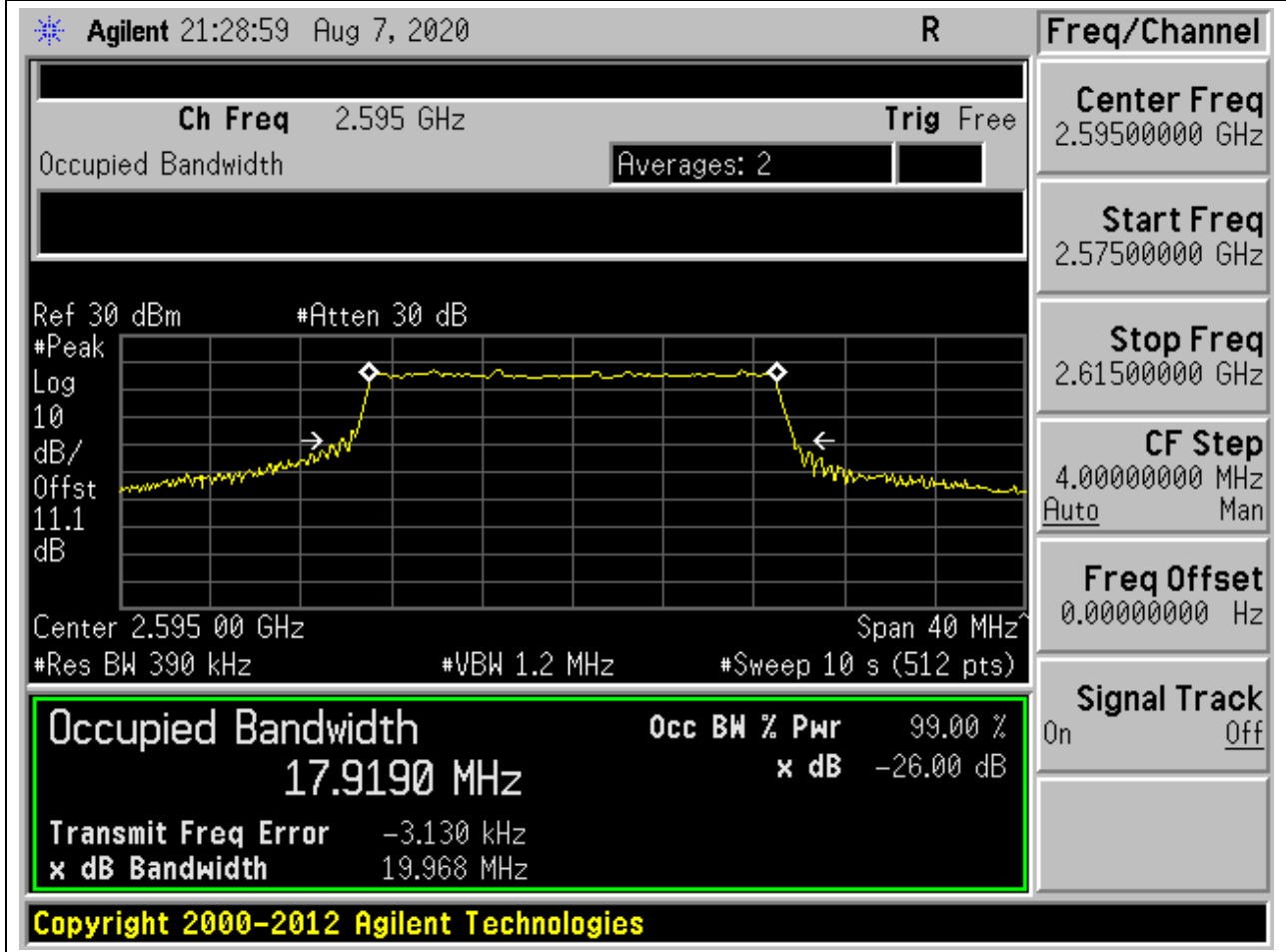
Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9384 MHz	x dB	-26.00 dB
Transmit Freq Error	-14.169 kHz	
x dB Bandwidth	19.637 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

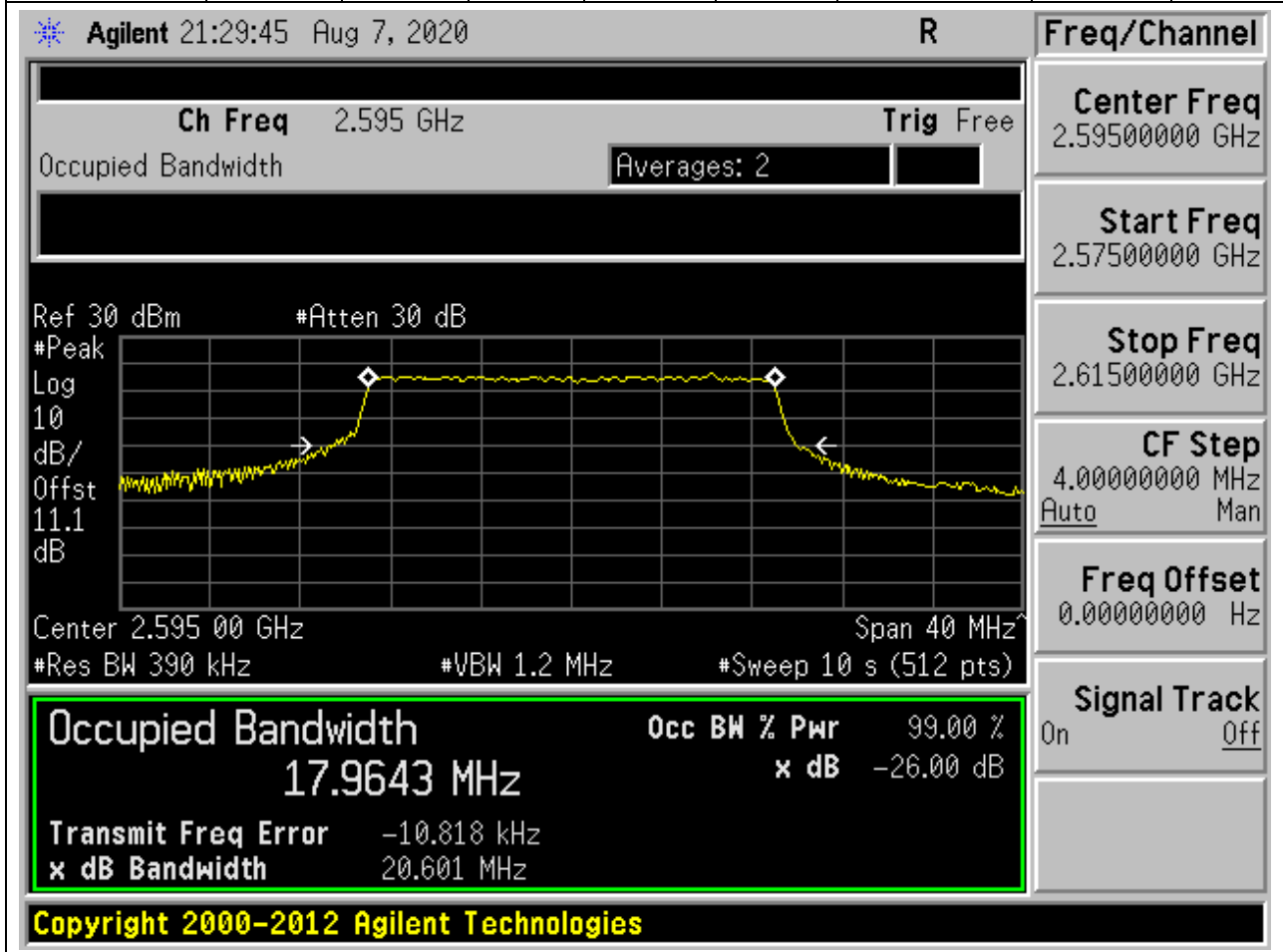
8.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.919	19.968	20	Pass



8.22. 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	17.964	20.601	20	Pass



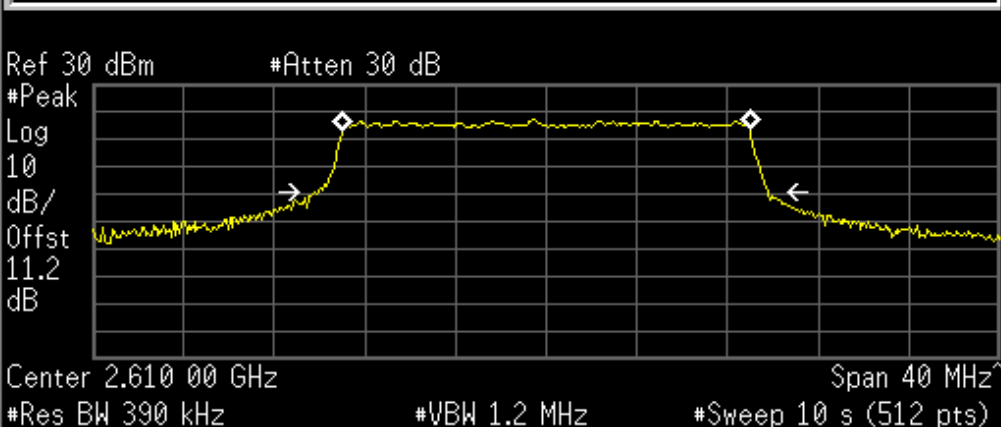
8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.94	19.73	20	Pass

Agilent 21:30:34 Aug 7, 2020 R

Ch Freq 2.61 GHz **Trig** Free

Occupied Bandwidth Averages: 2



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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9396 MHz	x dB -26.00 dB
Transmit Freq Error -25.316 kHz	
x dB Bandwidth 19.730 MHz	

Copyright 2000-2012 Agilent Technologies

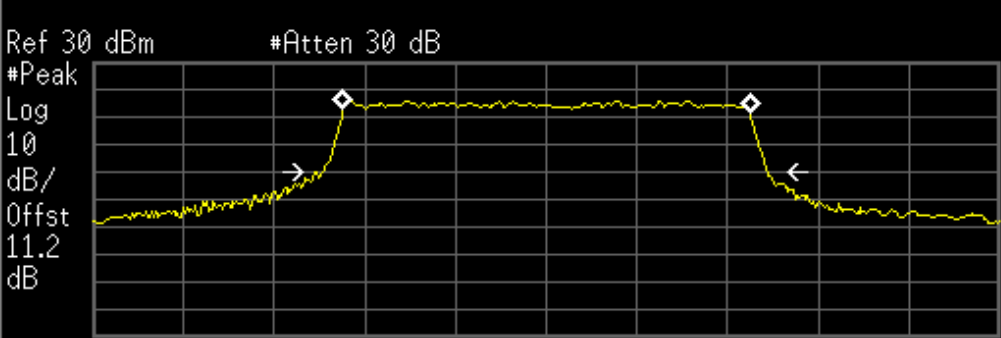
8.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.907	19.599	20	Pass

Agilent 21:31:20 Aug 7, 2020 R

Ch Freq 2.61 GHz Trig Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.610 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 %
17.9073 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.127 kHz	
x dB Bandwidth	19.599 MHz	

Freq/Channel

Center Freq
2.61000000 GHz

Start Freq
2.59000000 GHz

Stop Freq
2.63000000 GHz

CF Step
4.00000000 MHz
Auto Man

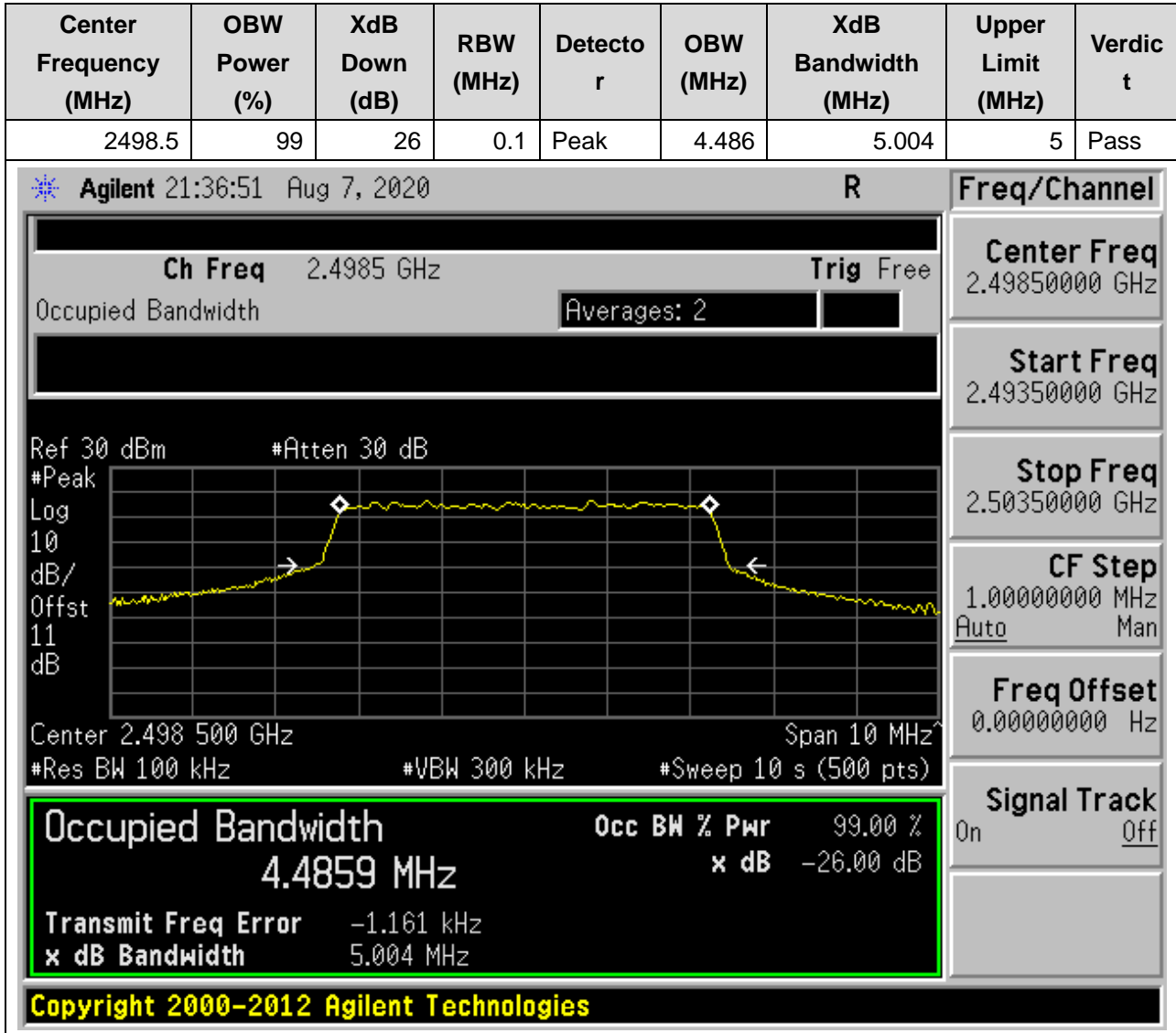
Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

9. LTE_Band41 full

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



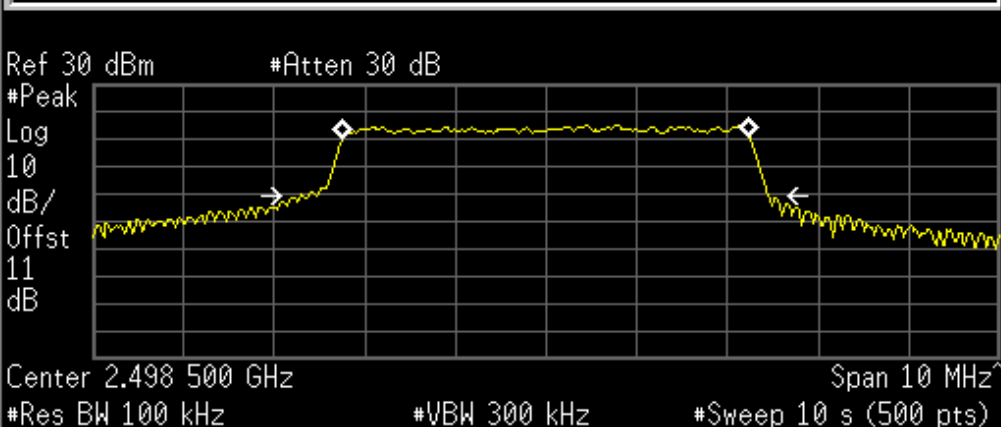
9.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.494	5.183	5	Pass

Agilent 21:37:37 Aug 7, 2020 R

Ch Freq 2.4985 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.498 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4943 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.355 kHz	
x dB Bandwidth	5.183 MHz	

Freq/Channel

Center Freq 2.49850000 GHz

Start Freq 2.49350000 GHz

Stop Freq 2.50350000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

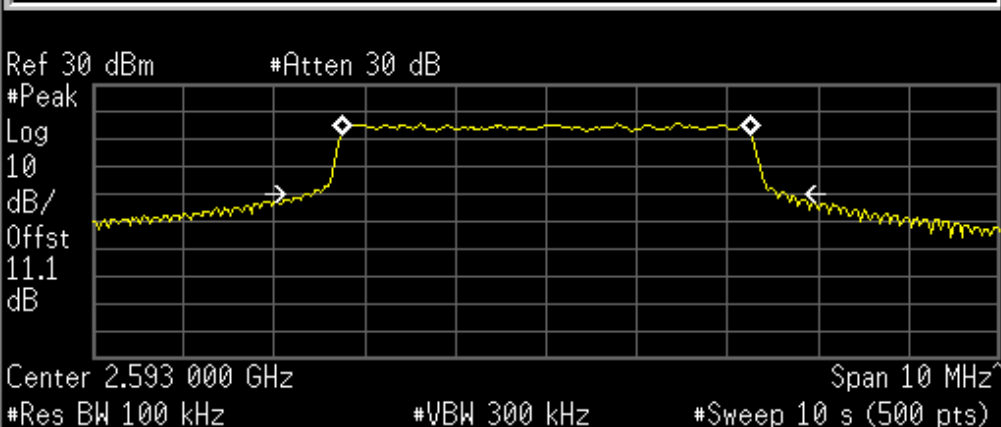
9.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.509	5.25	5	Pass

Agilent 21:38:26 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.593 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5095 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.044 kHz	
x dB Bandwidth	5.250 MHz	

Freq/Channel

Center Freq 2.59300000 GHz

Start Freq 2.58800000 GHz

Stop Freq 2.59800000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

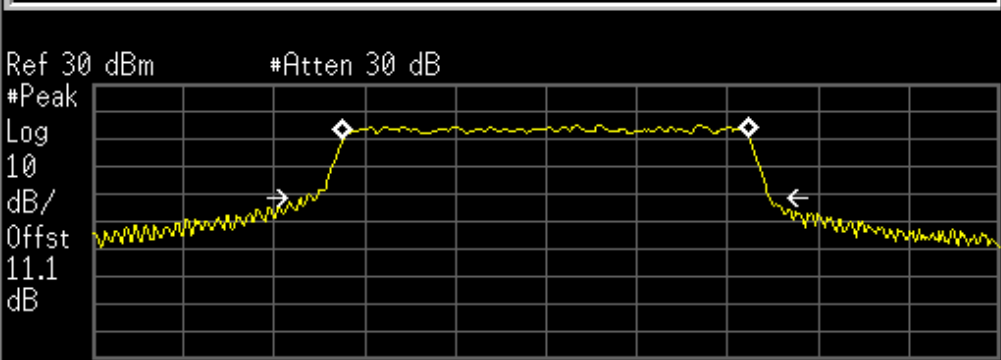
9.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:40620, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.483	5.095	5	Pass

Agilent 21:39:12 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.593 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4834 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.491 kHz	
x dB Bandwidth	5.095 MHz	

Freq/Channel

Center Freq
2.59300000 GHz

Start Freq
2.58800000 GHz

Stop Freq
2.59800000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

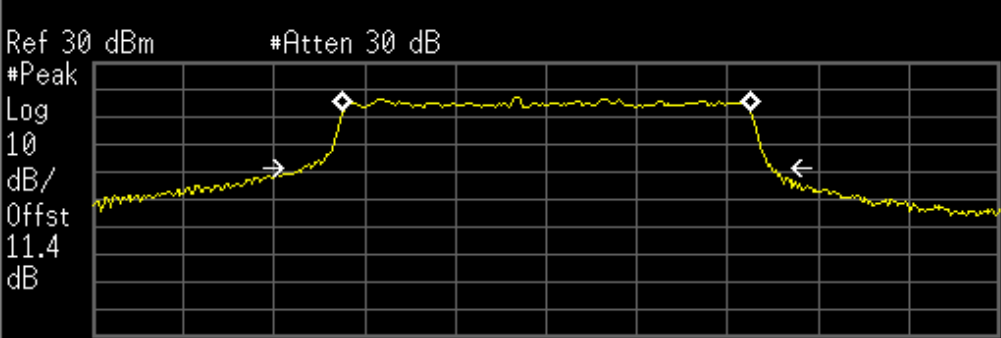
9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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	4.496	5.139	5	Pass

Agilent 21:40:00 Aug 7, 2020 R

Ch Freq 2.6875 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.4 dB

Center 2.687 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4959 MHz	x dB	-26.00 dB
Transmit Freq Error	240.095 Hz	
x dB Bandwidth	5.139 MHz	

Freq/Channel

Center Freq
2.68750000 GHz

Start Freq
2.68250000 GHz

Stop Freq
2.69250000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

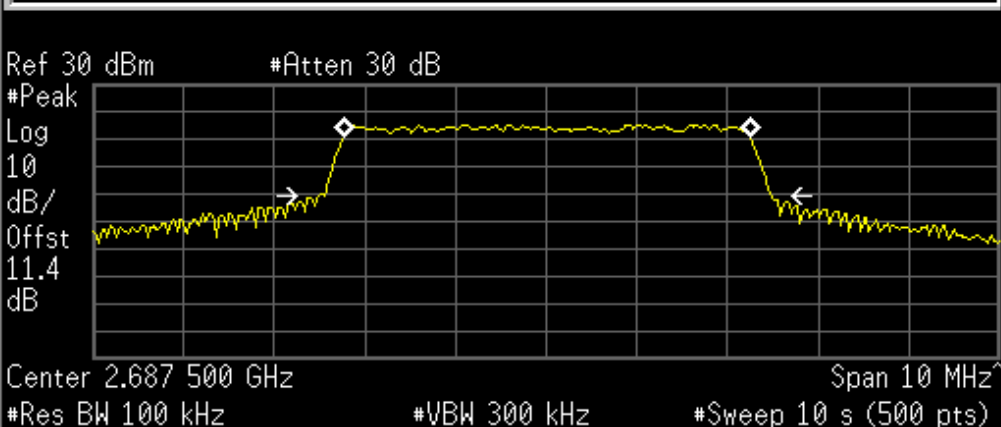
9.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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	4.492	5.009	5	Pass

Agilent 21:40:46 Aug 7, 2020 R

Ch Freq 2.6875 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.687 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4921 MHz	x dB	-26.00 dB
Transmit Freq Error	2.566 kHz	
x dB Bandwidth	5.009 MHz	

Freq/Channel

Center Freq 2.68750000 GHz

Start Freq 2.68250000 GHz

Stop Freq 2.69250000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

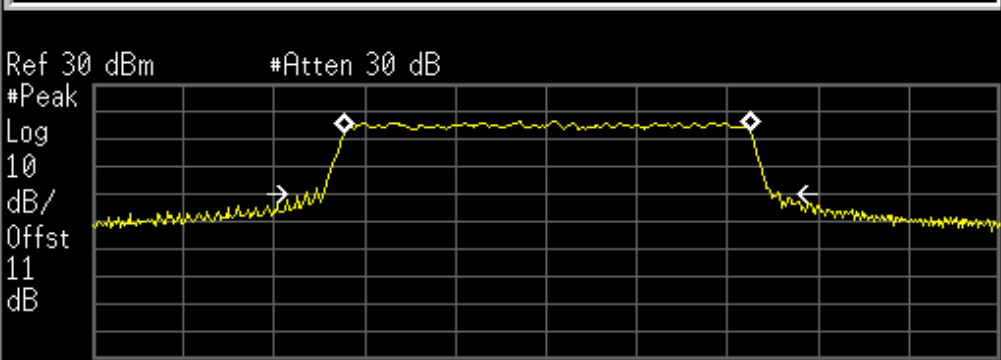
9.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.977	10.312	10	Pass

Agilent 21:41:36 Aug 7, 2020 R

Ch Freq 2.501 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.501 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9773 MHz	x dB	-26.00 dB
Transmit Freq Error	16.358 kHz	
x dB Bandwidth	10.312 MHz	

Freq/Channel

Center Freq
2.50100000 GHz

Start Freq
2.49100000 GHz

Stop Freq
2.51100000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

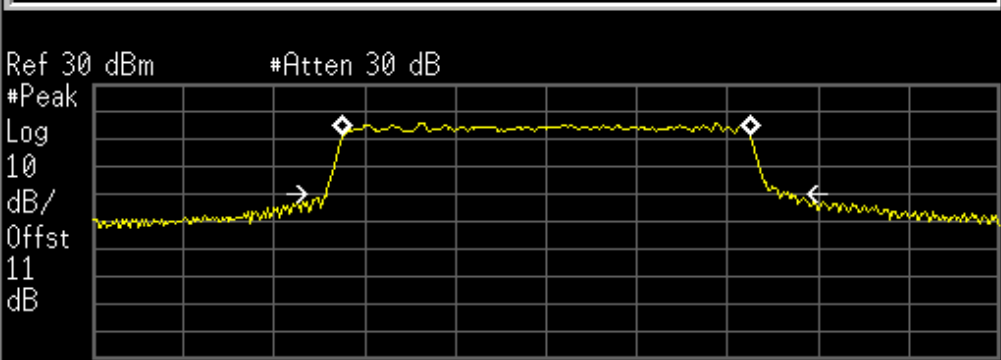
9.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:39700, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.984	10.152	10	Pass

Agilent 21:42:22 Aug 7, 2020 R

Ch Freq 2.501 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.501 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9841 MHz	x dB	-26.00 dB
Transmit Freq Error	2.088 kHz	
x dB Bandwidth	10.152 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

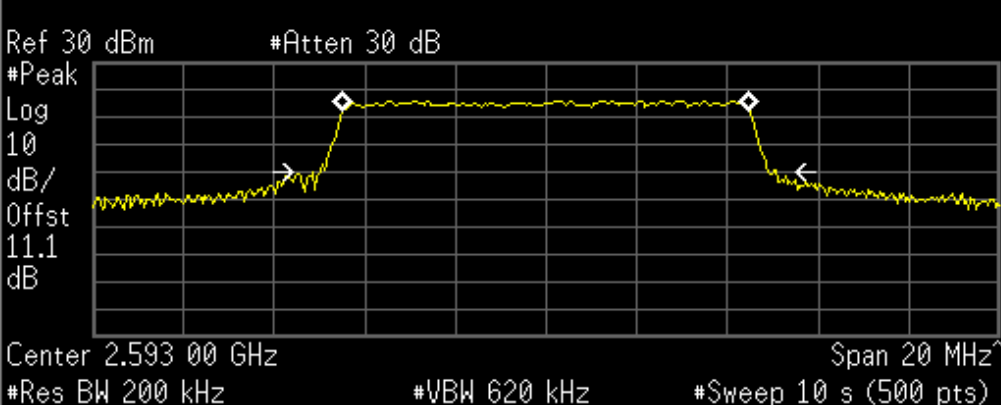
9.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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	8.978	10.073	10	Pass

Agilent 21:43:10 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9780 MHz	x dB -26.00 dB
Transmit Freq Error -4.937 kHz	
x dB Bandwidth 10.073 MHz	

Freq/Channel

Center Freq
2.59300000 GHz

Start Freq
2.58300000 GHz

Stop Freq
2.60300000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

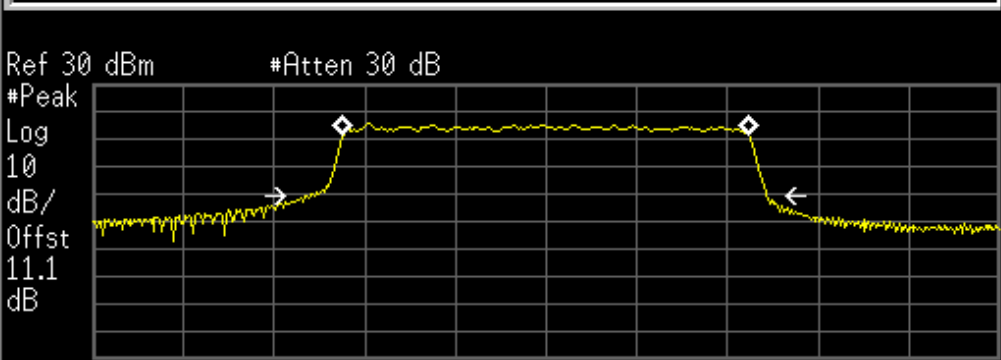
9.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:40620, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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	8.955	10.122	10	Pass

Agilent 21:43:56 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.1

dB

Center 2.593 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9548 MHz	x dB	-26.00 dB
Transmit Freq Error		-9.782 kHz
x dB Bandwidth		10.122 MHz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

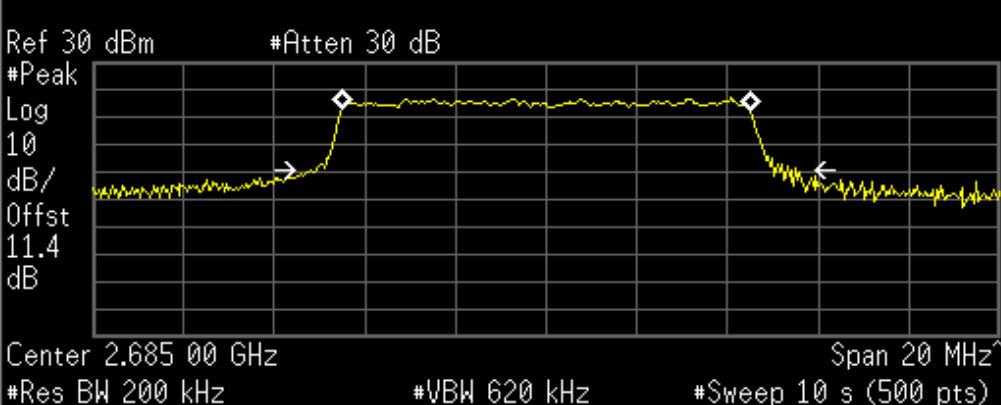
9.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	9.015	10.611	10	Pass

Agilent 21:44:45 Aug 7, 2020 R

Ch Freq 2.685 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Occupied Bandwidth	Occ BW % Pwr 99.00 %
9.0147 MHz	x dB -26.00 dB
Transmit Freq Error -7.424 kHz	
x dB Bandwidth 10.611 MHz	

Freq/Channel

Center Freq 2.68500000 GHz

Start Freq 2.67500000 GHz

Stop Freq 2.69500000 GHz

CF Step 2.00000000 MHz
Auto Man

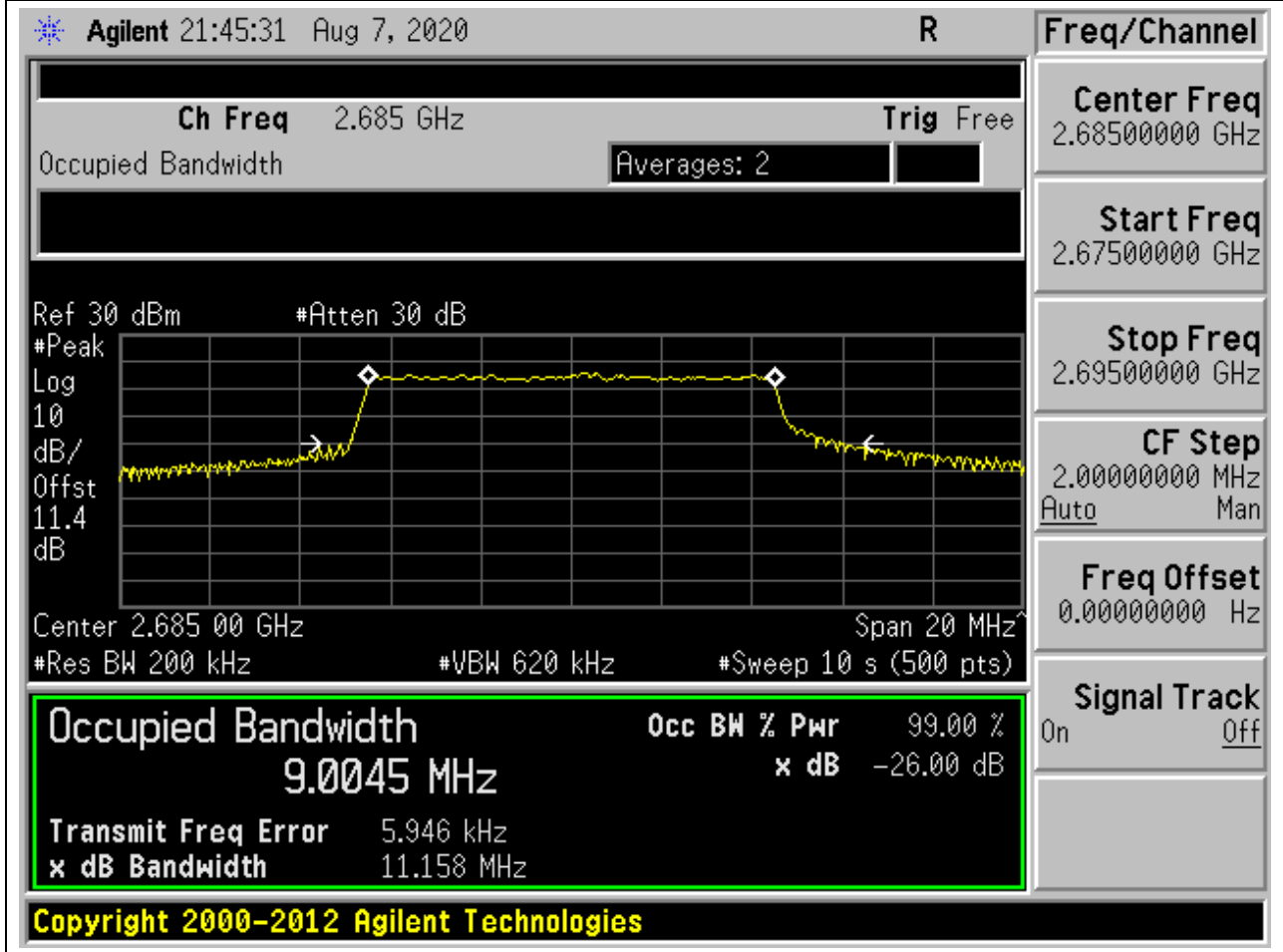
Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2012 Agilent Technologies

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	9.005	11.158	10	Pass



9.13. 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	13.484	15.104	15	Pass

Agilent 21:46:21 Aug 7, 2020 R

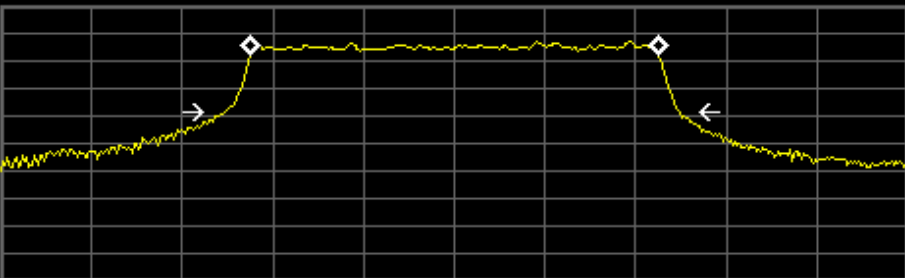
Ch Freq 2.5035 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 11 dB



Center 2.503 50 GHz Span 30 MHz

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

Freq/Channel

Center Freq
2.50350000 GHz

Start Freq
2.48850000 GHz

Stop Freq
2.51850000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.4838 MHz

Transmit Freq Error 3.986 kHz

x dB Bandwidth 15.104 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

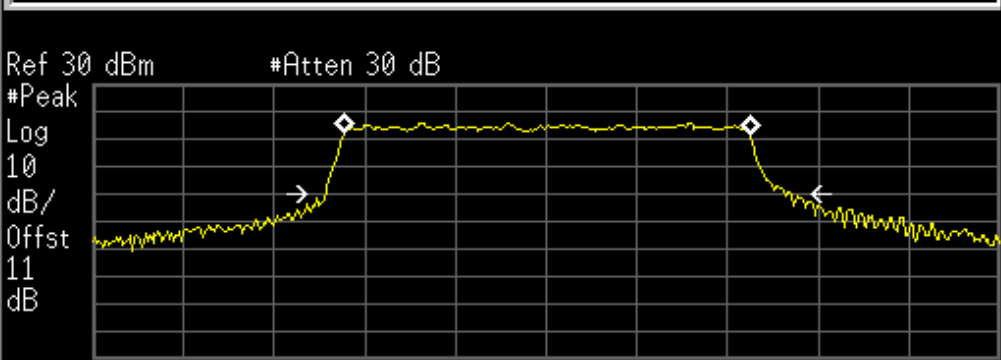
9.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:39725, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.452	15.437	15	Pass

Agilent 21:47:07 Aug 7, 2020 R

Ch Freq 2.5035 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.503 50 GHz Span 30 MHz

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

Freq/Channel

Center Freq
2.50350000 GHz

Start Freq
2.48850000 GHz

Stop Freq
2.51850000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

13.4515 MHz **x dB** -26.00 dB

Transmit Freq Error 5.682 kHz

x dB Bandwidth 15.437 MHz

Copyright 2000-2012 Agilent Technologies

9.15. 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	13.451	14.956	15	Pass

Agilent 21:47:56 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

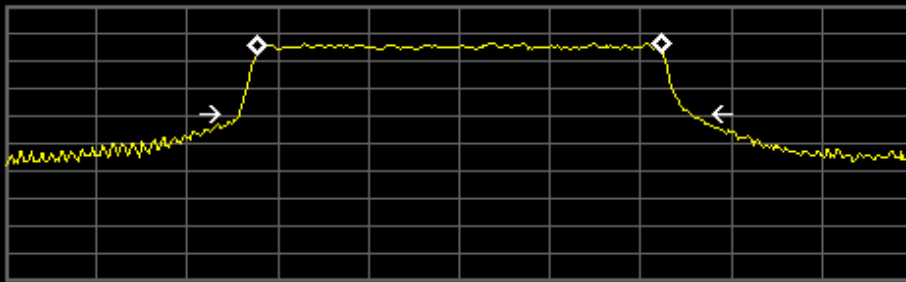
10

dB/

Offst

11.1

dB



Center 2.593 00 GHz Span 30 MHz

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

Freq/Channel

Center Freq
2.59300000 GHz

Start Freq
2.57800000 GHz

Stop Freq
2.60800000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

13.4515 MHz **x dB** -26.00 dB

Transmit Freq Error 3.732 kHz

x dB Bandwidth 14.956 MHz

Copyright 2000-2012 Agilent Technologies

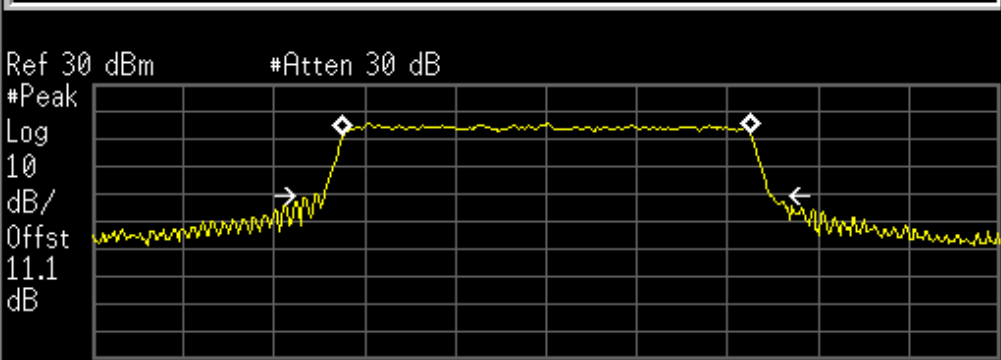
9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:40620, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.498	15.085	15	Pass

Agilent 21:48:42 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Center 2.593 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4977 MHz	x dB	-26.00 dB
Transmit Freq Error	16.479 kHz	
x dB Bandwidth	15.085 MHz	

Freq/Channel

Center Freq
2.59300000 GHz

Start Freq
2.57800000 GHz

Stop Freq
2.60800000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

9.17. 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	13.464	16.789	15	Pass

Agilent 21:49:30 Aug 7, 2020 R

Ch Freq 2.6825 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Freq/Channel

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

#Peak

Log

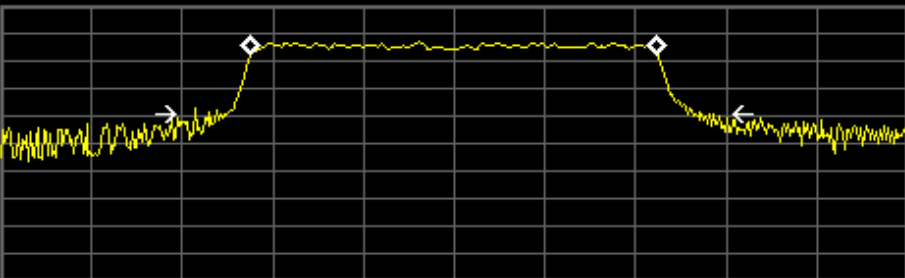
10

dB/

Offst

11.4

dB



Center 2.682 50 GHz Span 30 MHz

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

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

13.4637 MHz **x dB** -26.00 dB

Transmit Freq Error -3.196 kHz

x dB Bandwidth 16.789 MHz

Copyright 2000-2012 Agilent Technologies

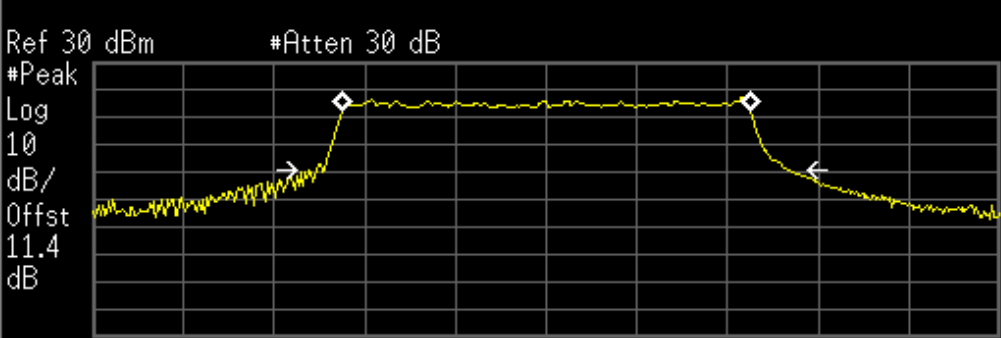
9.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:41515, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.523	15.564	15	Pass

Agilent 21:50:16 Aug 7, 2020 R

Ch Freq 2.6825 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Center 2.682 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.5232 MHz	x dB -26.00 dB
Transmit Freq Error -2.214 kHz	
x dB Bandwidth 15.564 MHz	

Freq/Channel

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

Copyright 2000-2012 Agilent Technologies

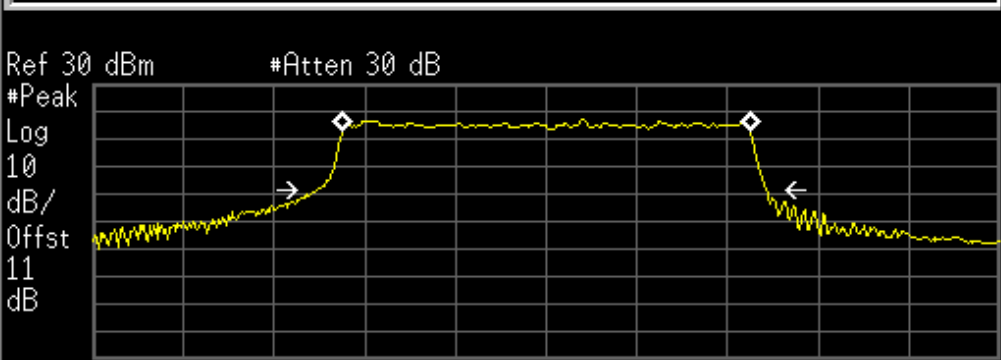
9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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	17.972	19.838	20	Pass

Agilent 21:51:06 Aug 7, 2020 R

Ch Freq 2.506 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.506 00 GHz Span 40 MHz

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

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.9722 MHz	x dB -26.00 dB
Transmit Freq Error -8.977 kHz	
x dB Bandwidth 19.838 MHz	

Copyright 2000-2012 Agilent Technologies

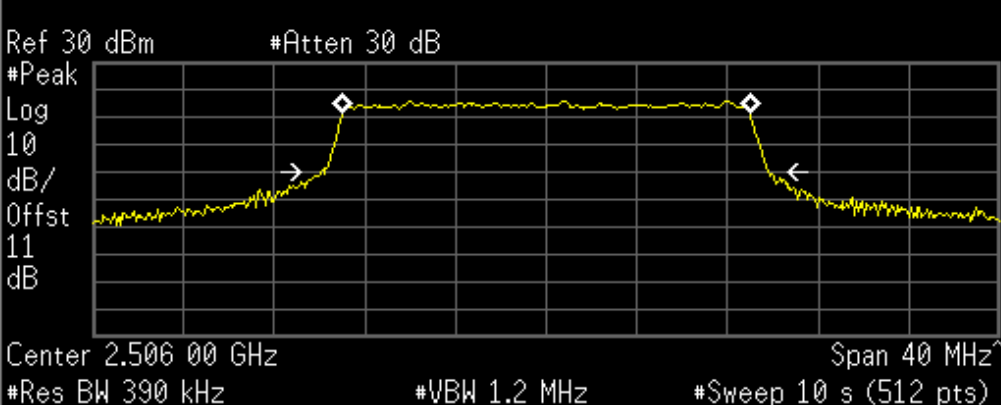
9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.93	19.863	20	Pass

Agilent 21:51:52 Aug 7, 2020 R

Ch Freq 2.506 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11 dB

Center 2.506 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 %
17.9295 MHz	x dB	-26.00 dB
Transmit Freq Error		-9.204 kHz
x dB Bandwidth		19.863 MHz

Copyright 2000-2012 Agilent Technologies

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

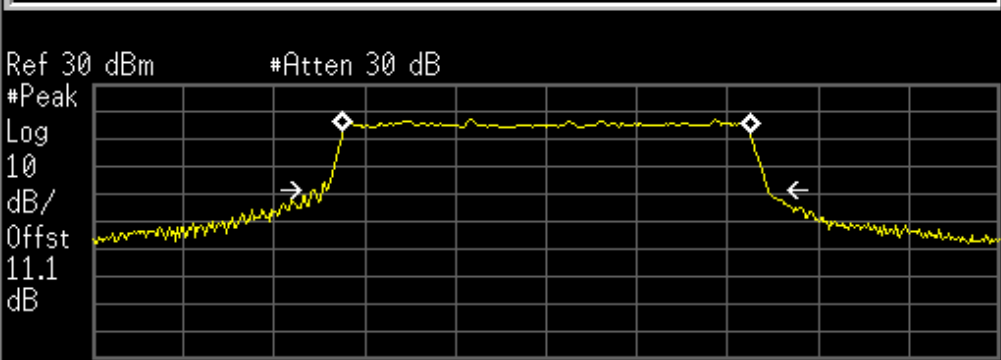
9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.915	19.541	20	Pass

Agilent 21:52:40 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Center 2.593 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 %
17.9148 MHz	x dB	-26.00 dB
Transmit Freq Error	10.771 kHz	
x dB Bandwidth	19.541 MHz	

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

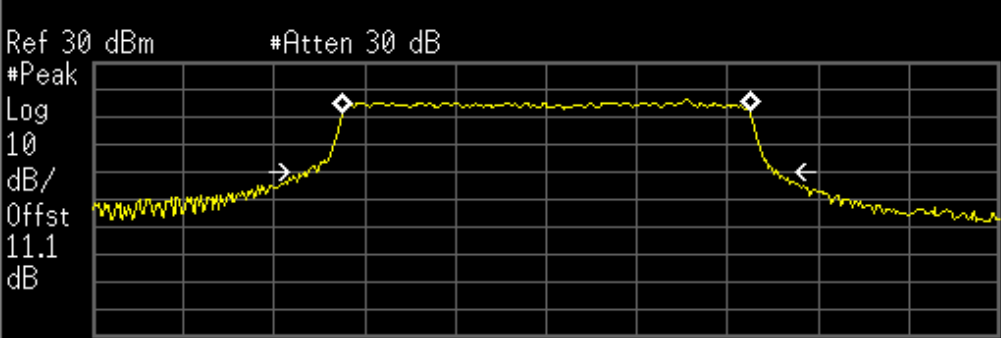
9.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.954	20.626	20	Pass

Agilent 21:53:27 Aug 7, 2020 R

Ch Freq 2.593 GHz **Trig** Free

Occupied Bandwidth Averages: 2



Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.593 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 %
17.9538 MHz	x dB	-26.00 dB
Transmit Freq Error		-3.064 kHz
x dB Bandwidth		20.626 MHz

Freq/Channel

Center Freq
2.59300000 GHz

Start Freq
2.57300000 GHz

Stop Freq
2.61300000 GHz

CF Step
4.00000000 MHz
Auto Man

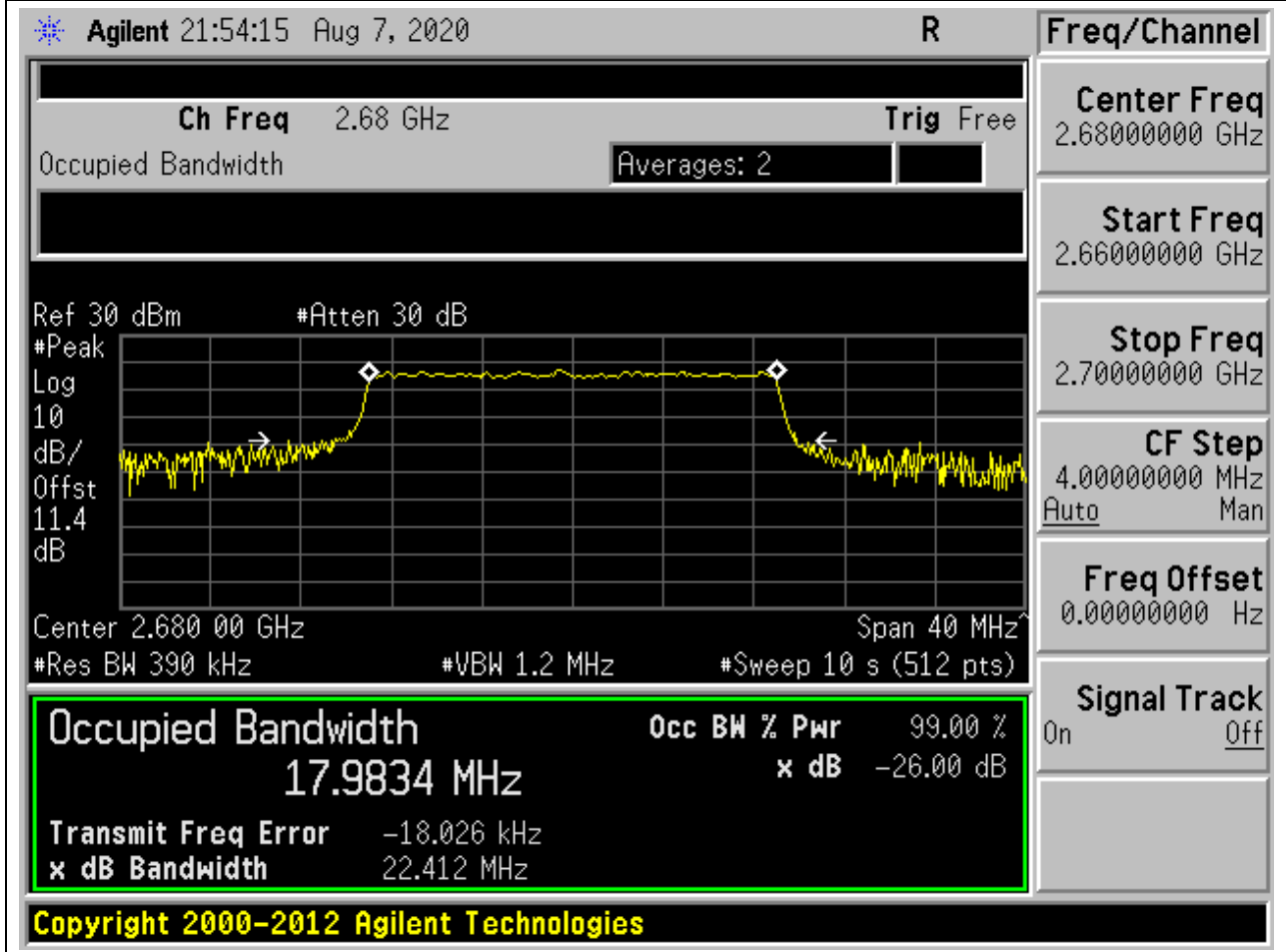
Freq Offset
0.00000000 Hz

Signal Track
On Off

Copyright 2000-2012 Agilent Technologies

9.23. 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	17.983	22.412	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.965	26.568	20	Pass

Agilent 21:55:01 Aug 7, 2020 R

Ch Freq 2.68 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

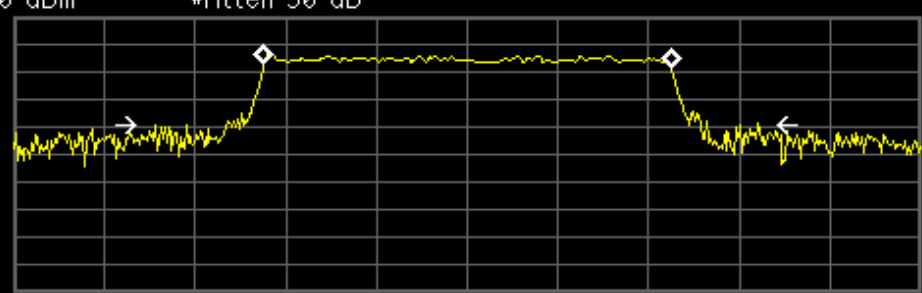
10

dB/

Offst

11.4

dB



Center 2.680 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 %

17.9651 MHz **x dB** -26.00 dB

Transmit Freq Error -2.978 kHz

x dB Bandwidth 26.568 MHz

Freq/Channel

Center Freq 2.68000000 GHz

Start Freq 2.66000000 GHz

Stop Freq 2.70000000 GHz

CF Step 4.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track

On Off

Copyright 2000-2012 Agilent Technologies

END