

A.3 Occupied Bandwidth

1. GSM_GSM850

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.244	0.306	0.3	Pass

Agilent
Freq/Channel

Ch Freq 824.2 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak

Log

10 dB/

Offst 8.13 dB

Center 824.200 0 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Center Freq 824.200000 MHz

Start Freq 823.200000 MHz

Stop Freq 825.200000 MHz

CF Step 200.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

243.7214 kHz x dB -26.00 dB

Transmit Freq Error -385.035 Hz

x dB Bandwidth 306.465 kHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.246	0.304	0.3	Pass

Agilent

Ch Freq 836.6 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 8.15 dB

Center 836.600 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

246.0842 kHz x dB -26.00 dB

Transmit Freq Error 175.346 Hz

x dB Bandwidth 304.007 kHz

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Freq/Channel

Center Freq 836.600000 MHz

Start Freq 835.600000 MHz

Stop Freq 837.600000 MHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.245	0.306	0.3	Pass

Agilent

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

Center 848.800 0 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

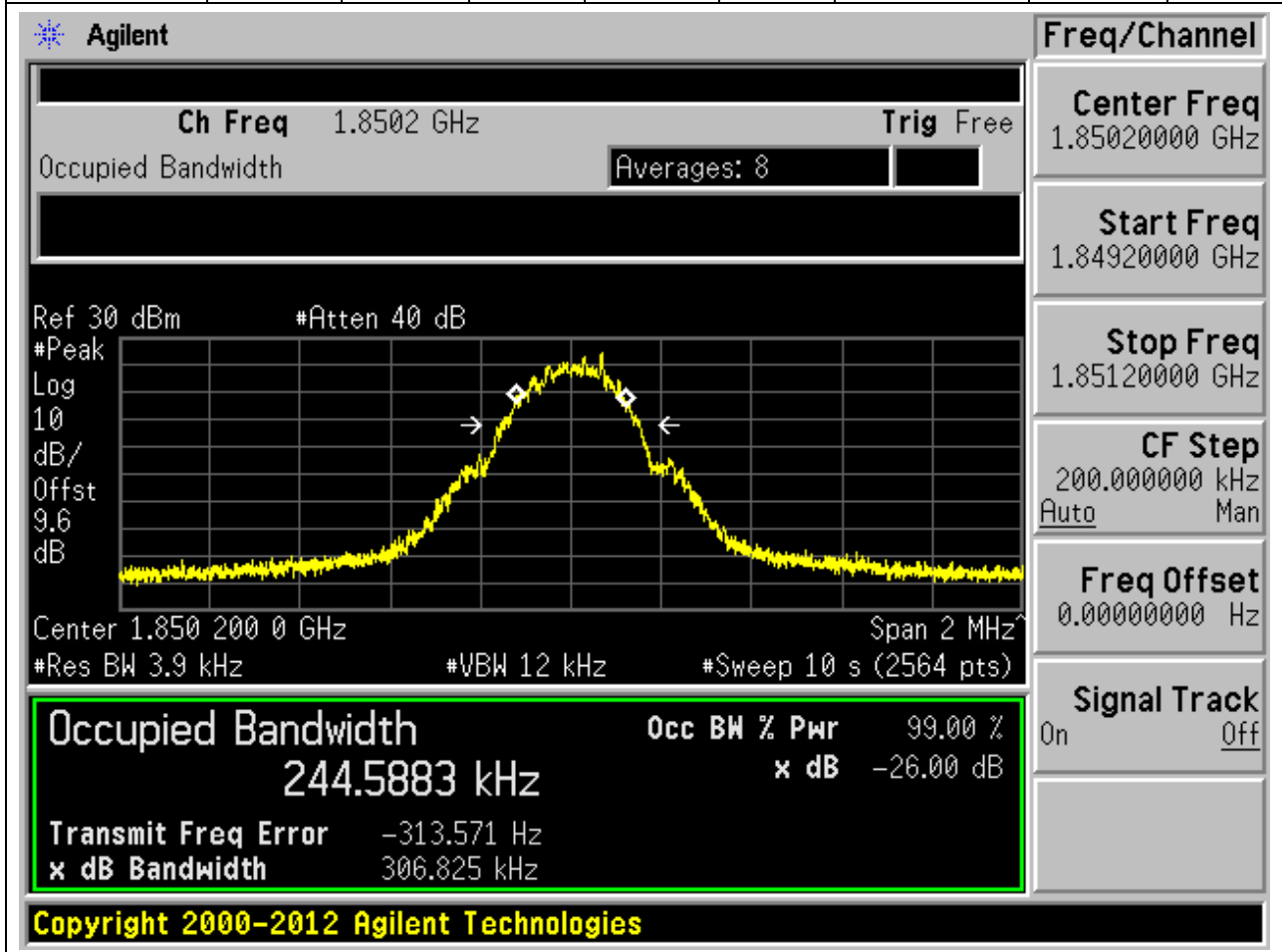
Occupied Bandwidth	Occ BW % Pwr 99.00 %
245.4943 kHz	x dB -26.00 dB
Transmit Freq Error -660.421 Hz	
x dB Bandwidth 305.570 kHz	

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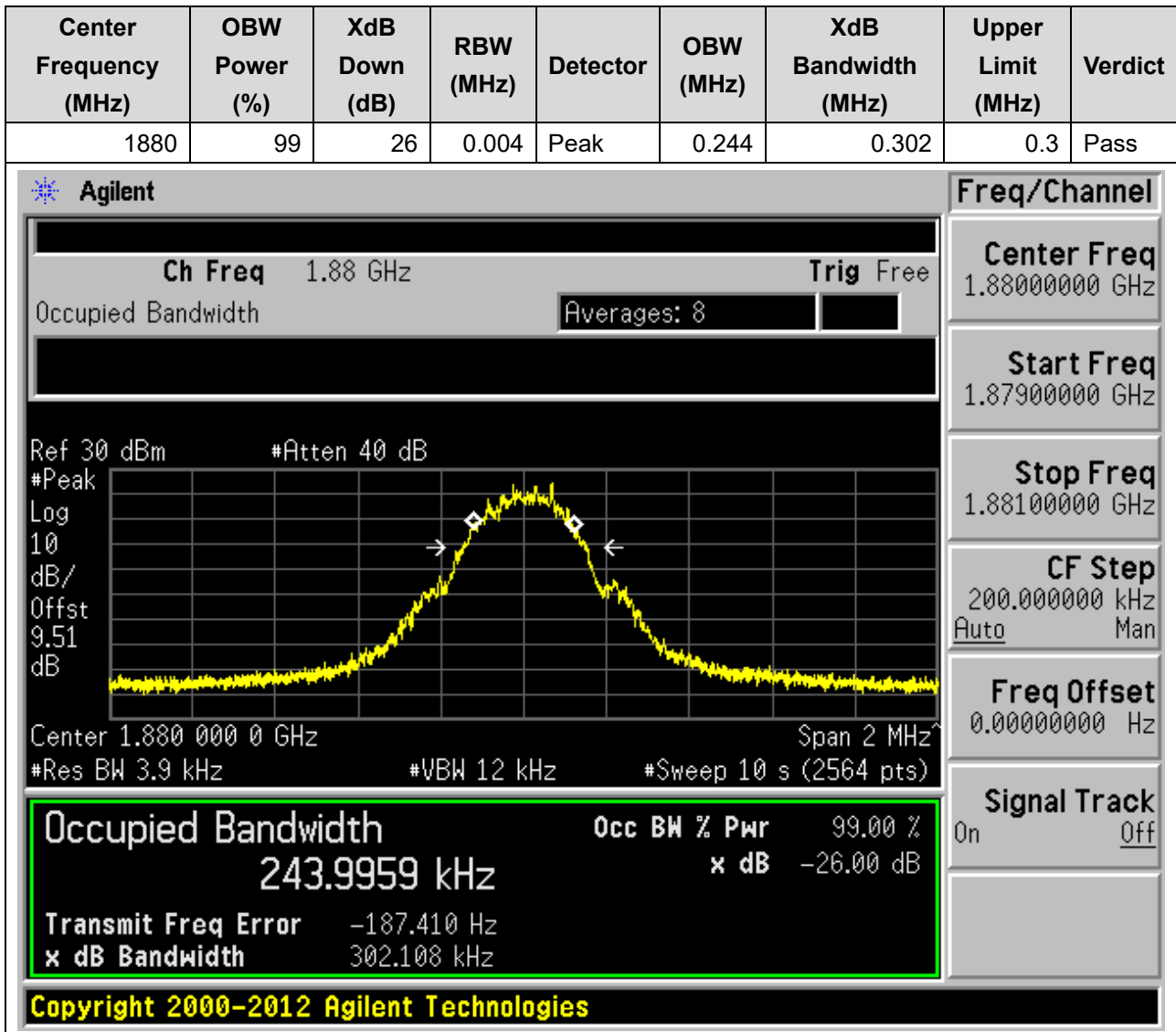
2. GSM_PCS

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.245	0.307	0.3	Pass



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.244	0.289	0.3	Pass

Agilent

Ch Freq 1.9098 GHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 9.6 dB

Center 1.909 800 0 GHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

243.5010 kHz x dB -26.00 dB

Transmit Freq Error 442.216 Hz

x dB Bandwidth 288.655 kHz

Freq/Channel

Center Freq 1.90980000 GHz

Start Freq 1.90880000 GHz

Stop Freq 1.91080000 GHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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3. EGPRS_GSM850

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.246	0.318	0.3	Pass

Agilent Freq/Channel

Ch Freq 824.2 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak → ←

Log

10

dB/

Offst 8.13

dB

Center 824.200 0 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

246.2038 kHz x dB -26.00 dB

Transmit Freq Error 401.585 Hz

x dB Bandwidth 318.292 kHz

Signal Track

On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.245	0.307	0.3	Pass

Agilent

Ch Freq 836.6 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/Offst 8.15 dB

Center 836.600 0 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

245.0860 kHz x dB -26.00 dB

Transmit Freq Error -1.152 kHz

x dB Bandwidth 307.042 kHz

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Freq/Channel

Center Freq 836.600000 MHz

Start Freq 835.600000 MHz

Stop Freq 837.600000 MHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.245	0.306	0.3	Pass

Agilent

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

Center 848.800 0 MHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

245.3985 kHz x dB -26.00 dB

Transmit Freq Error 22.863 Hz

x dB Bandwidth 306.430 kHz

Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

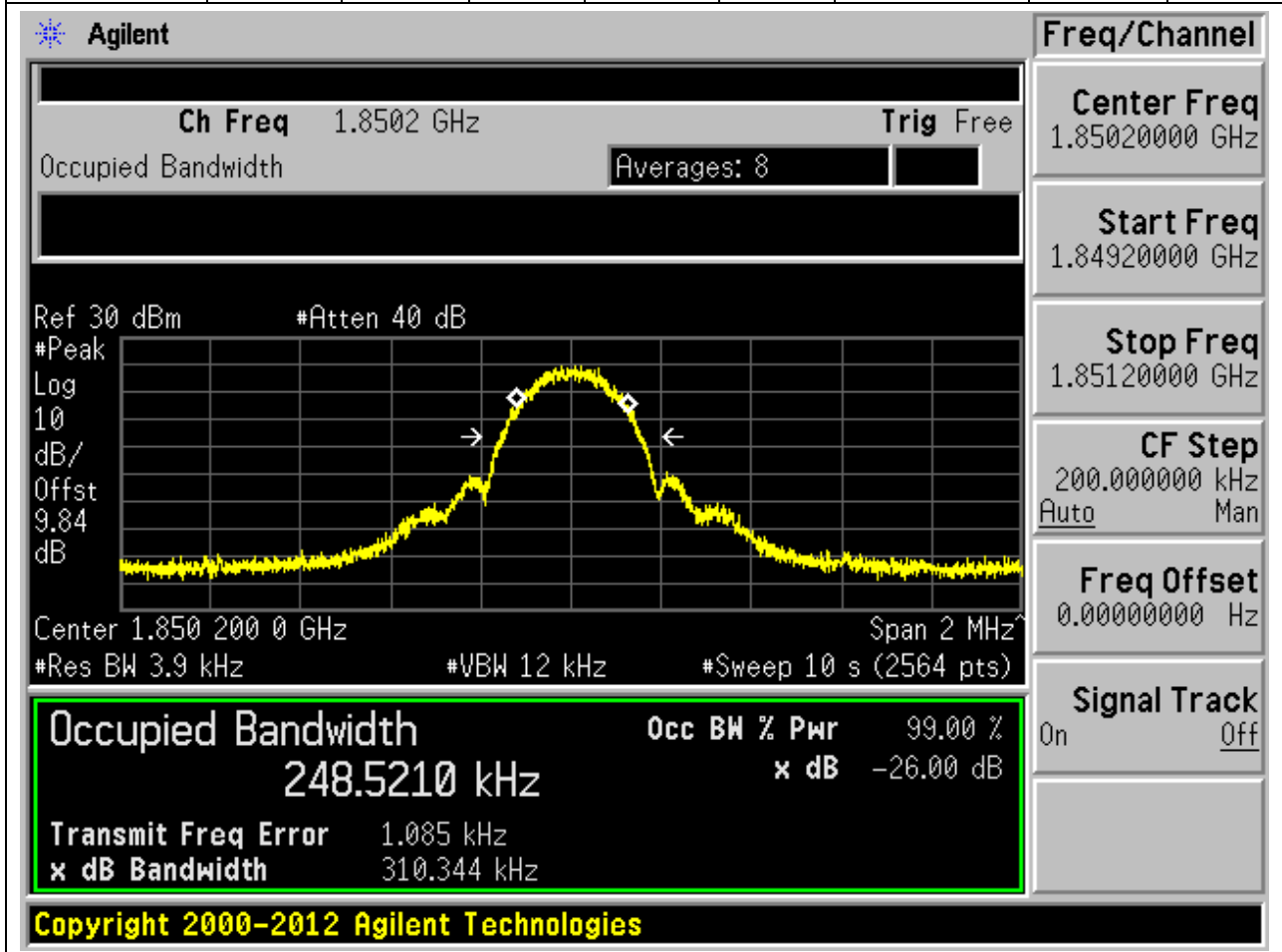
Signal Track On Off

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4. EGPRS_PCS

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.249	0.31	0.3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.247	0.307	0.3	Pass

Agilent

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 9.74 dB

Center 1.880 000 0 GHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

246.8194 kHz x dB -26.00 dB

Transmit Freq Error -1.190 kHz

x dB Bandwidth 307.338 kHz

Freq/Channel

Center Freq 1.88000000 GHz

Start Freq 1.87900000 GHz

Stop Freq 1.88100000 GHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.25	0.312	0.3	Pass

Agilent

Ch Freq 1.9098 GHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 9.83 dB

Center 1.909 800 GHz Span 2 MHz

#Res BW 3.9 kHz #VBW 12 kHz #Sweep 10 s (2564 pts)

Freq/Channel

Center Freq 1.90980000 GHz

Start Freq 1.90880000 GHz

Stop Freq 1.91080000 GHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

250.2301 kHz x dB -26.00 dB

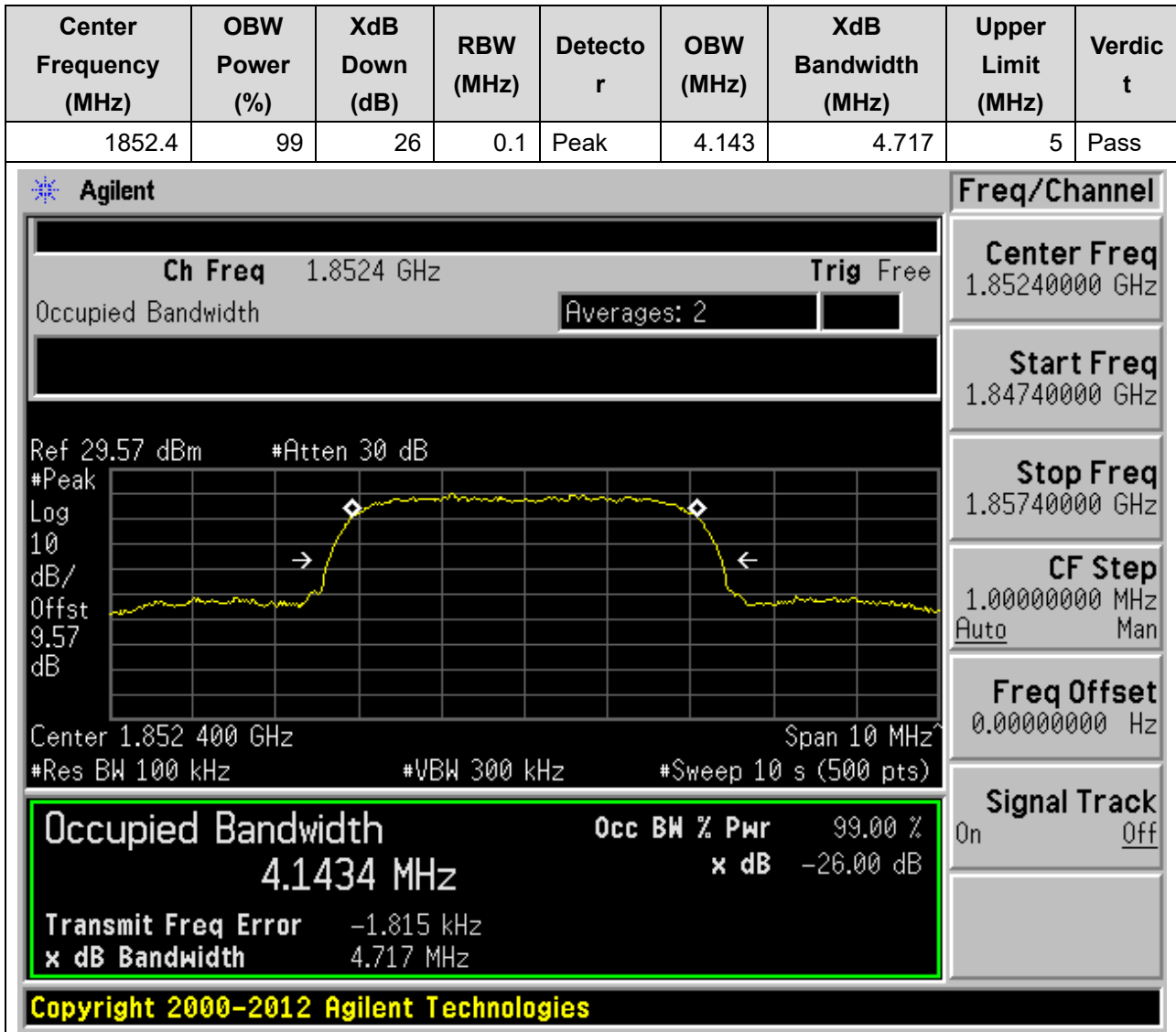
Transmit Freq Error -509.100 Hz

x dB Bandwidth 311.567 kHz

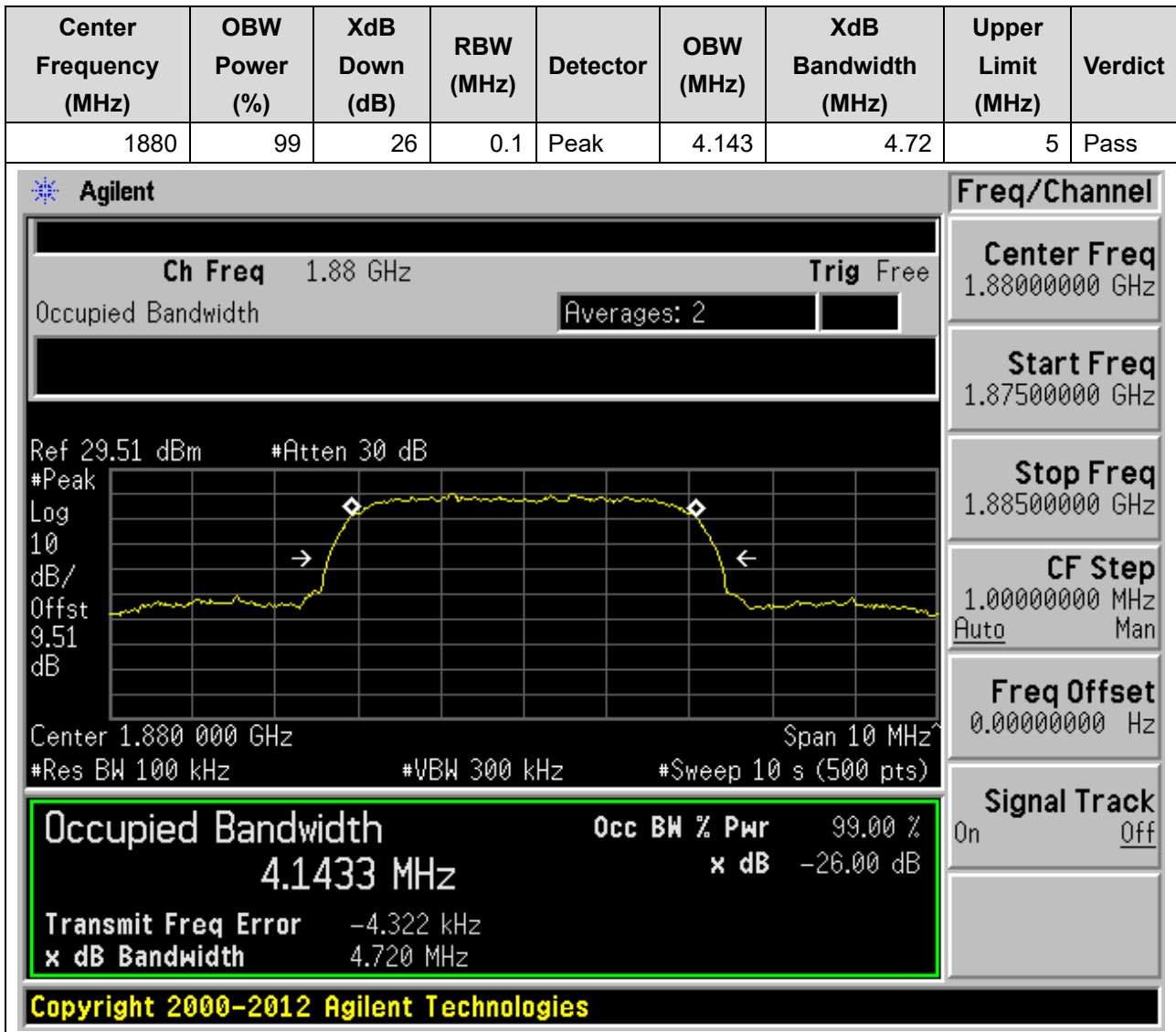
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5. WCDMA_Band2

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.6	99	26	0.1	Peak	4.141	4.722	5	Pass

Agilent

Ch Freq 1.9076 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.6 dBm #Atten 30 dB

Center 1.907 600 GHz Span 10 MHz

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

Freq/Channel

Center Freq 1.90760000 GHz

Start Freq 1.90260000 GHz

Stop Freq 1.91260000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

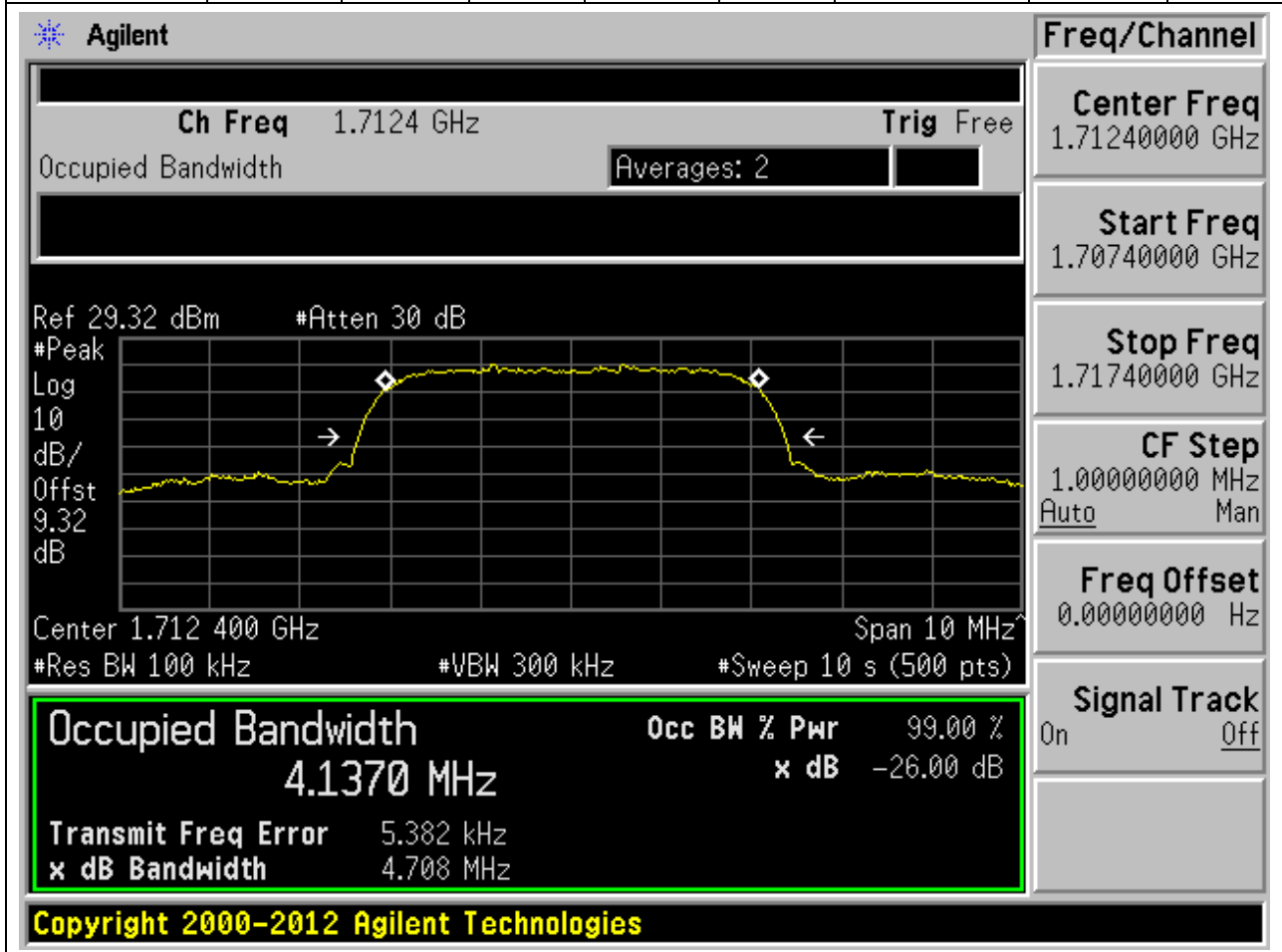
Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.1413 MHz	x dB -26.00 dB
Transmit Freq Error -6.237 kHz	
x dB Bandwidth 4.722 MHz	

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6. WCDMA_Band4

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.4	99	26	0.1	Peak	4.137	4.708	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.4	99	26	0.1	Peak	4.14	4.707	5	Pass

Agilent

Ch Freq 1.7324 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.35 dBm #Atten 30 dB

Center 1.732 400 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.1405 MHz x dB -26.00 dB

Transmit Freq Error -8.557 kHz

x dB Bandwidth 4.707 MHz

Freq/Channel

Center Freq 1.73240000 GHz

Start Freq 1.72740000 GHz

Stop Freq 1.73740000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.6	99	26	0.1	Peak	4.137	4.707	5	Pass

Agilent

Ch Freq 1.7526 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.39 dBm #Atten 30 dB

Center 1.752 600 GHz Span 10 MHz

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

Freq/Channel

Center Freq 1.75260000 GHz

Start Freq 1.74760000 GHz

Stop Freq 1.75760000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

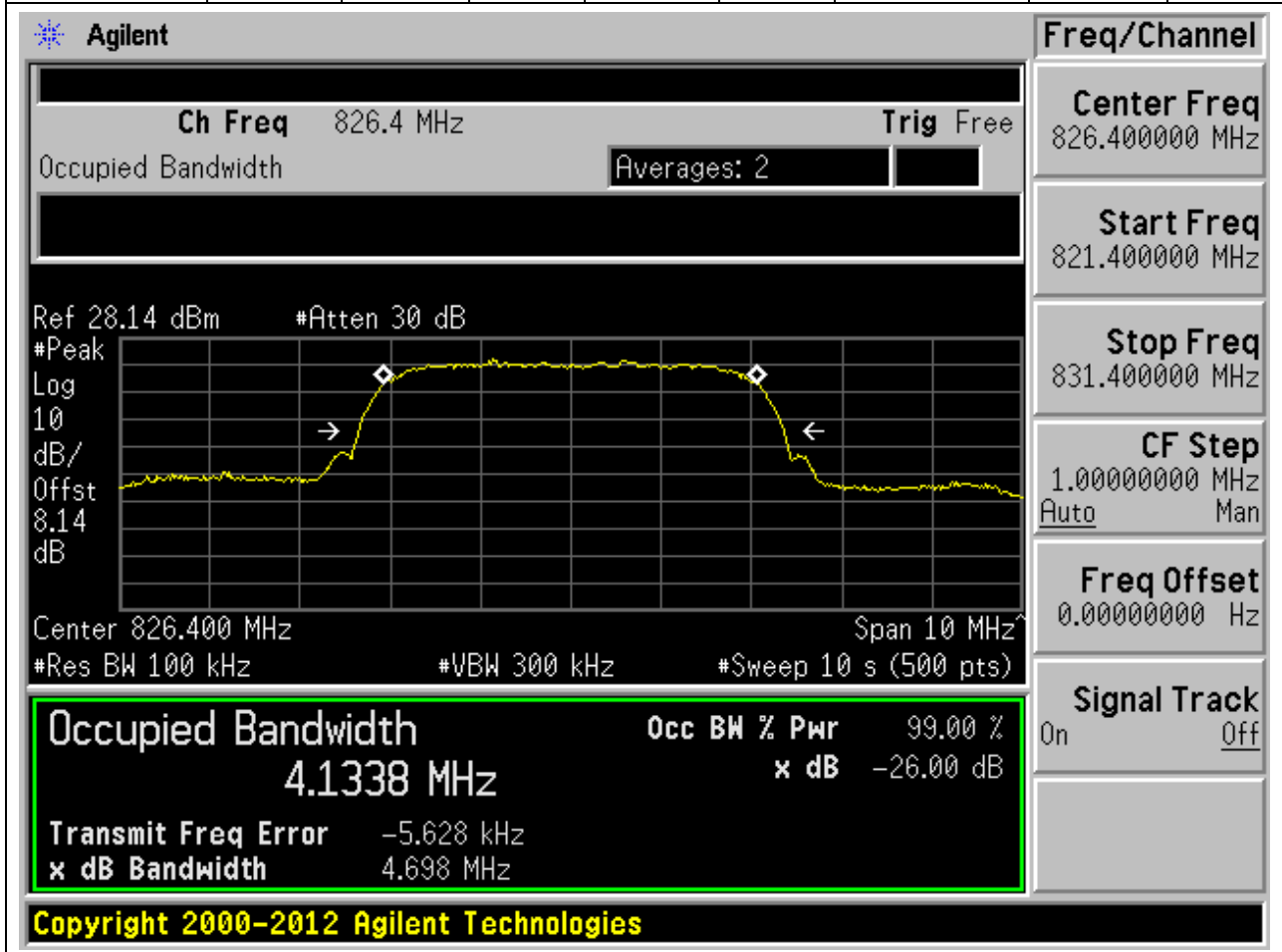
Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1371 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.975 kHz	
x dB Bandwidth	4.707 MHz	

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7. WCDMA_Band5

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.4	99	26	0.1	Peak	4.134	4.698	5	Pass



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.6	99	26	0.1	Peak	4.137	4.7	5	Pass

Agilent

Ch Freq 846.6 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.19 dBm #Atten 30 dB

Center 846.600 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.1373 MHz x dB -26.00 dB

Transmit Freq Error -8.964 kHz

x dB Bandwidth 4.700 MHz

Freq/Channel

Center Freq 846.600000 MHz

Start Freq 841.600000 MHz

Stop Freq 851.600000 MHz

CF Step 1.00000000 MHz

Auto Man

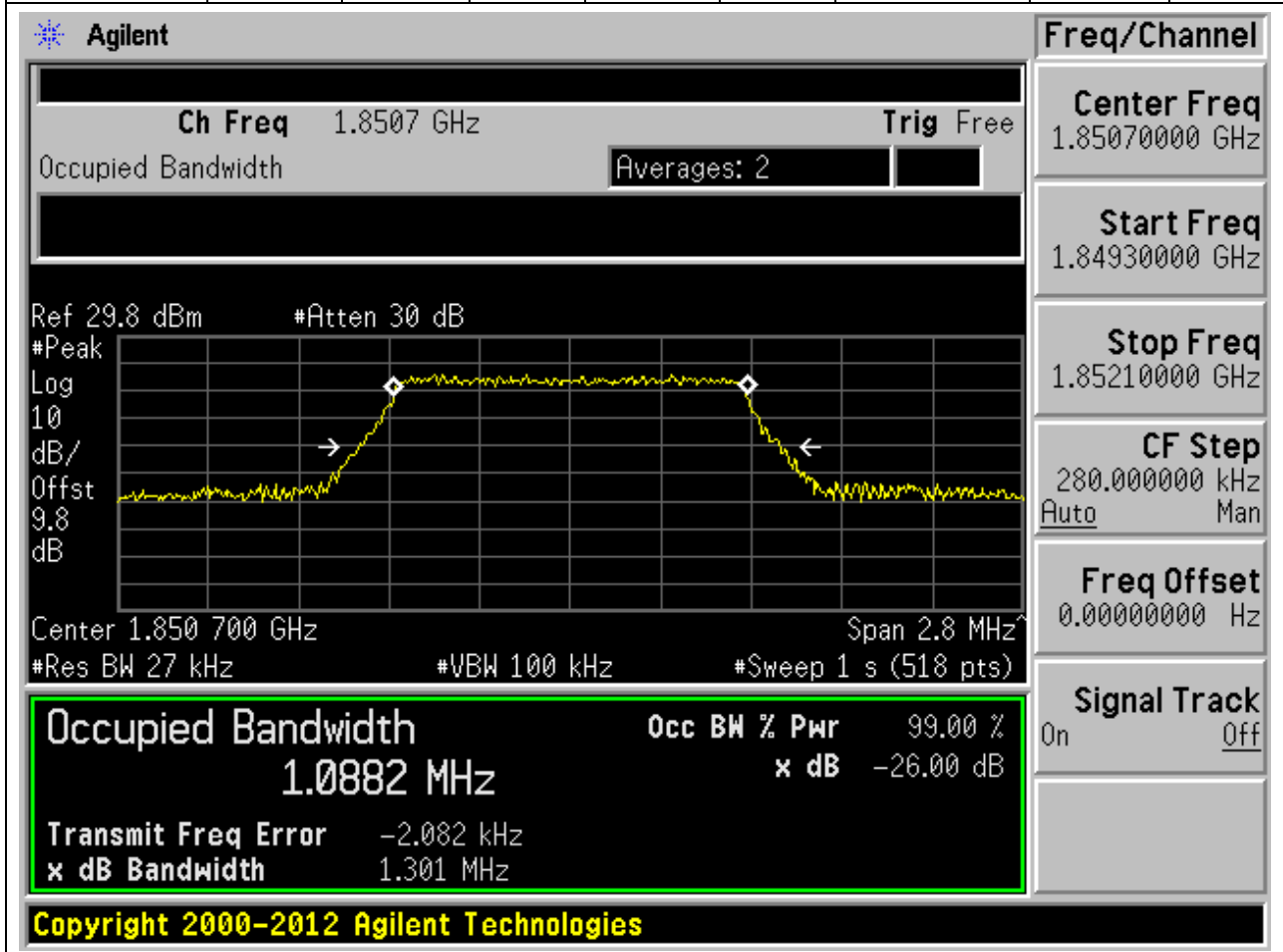
Freq Offset 0.00000000 Hz

Signal Track On Off

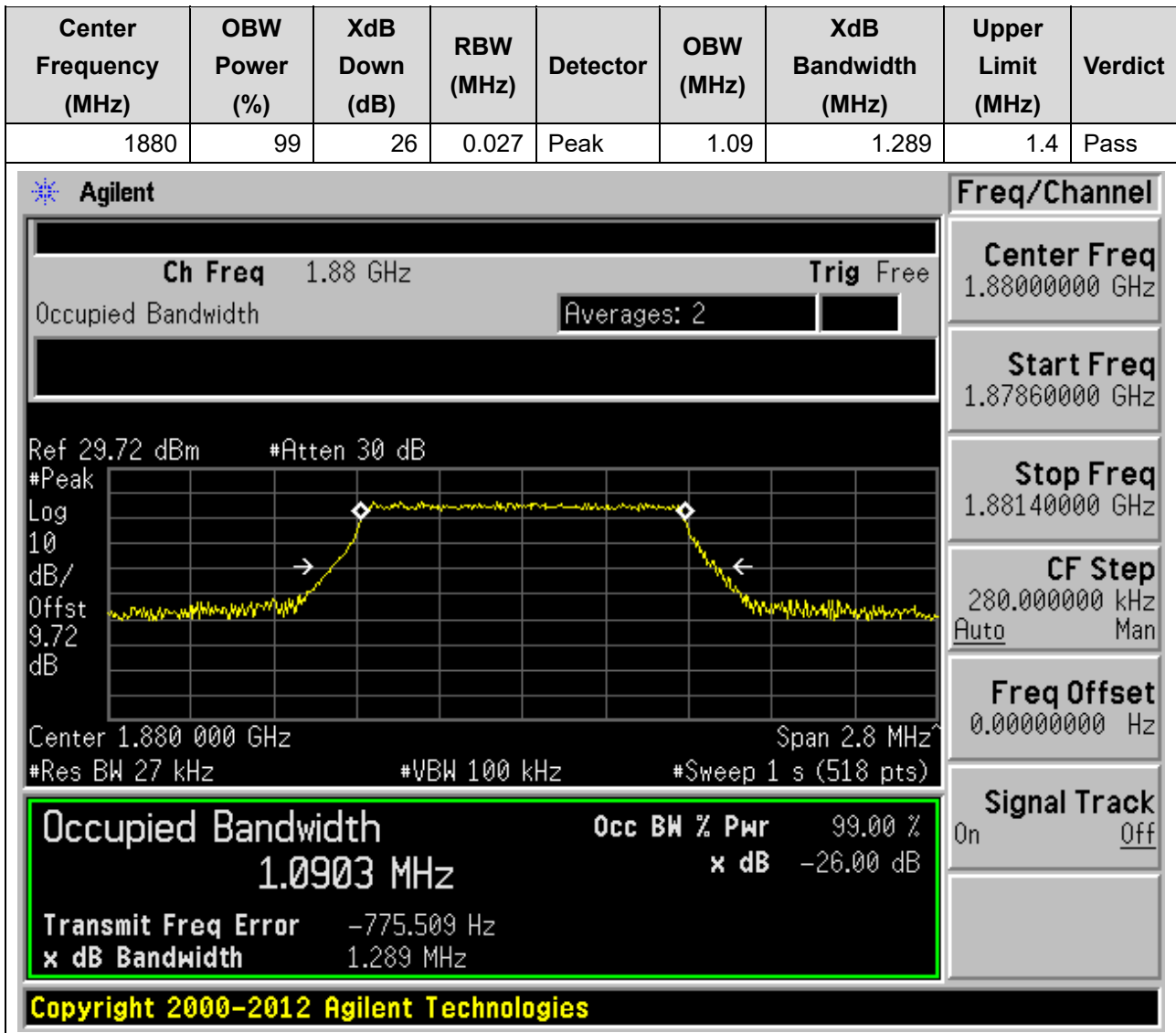
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8.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.7	99	26	0.027	Peak	1.088	1.301	1.4	Pass

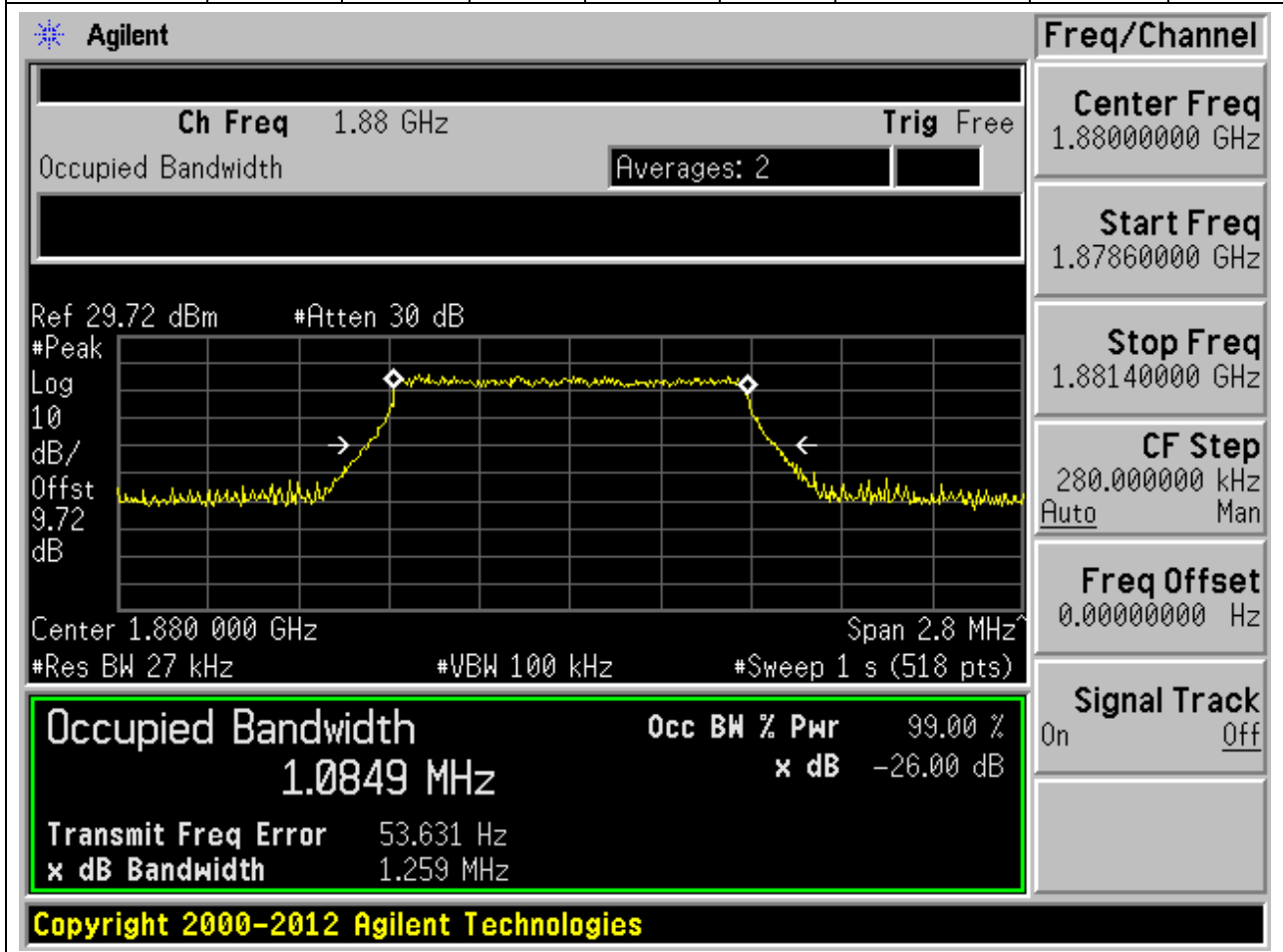


8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

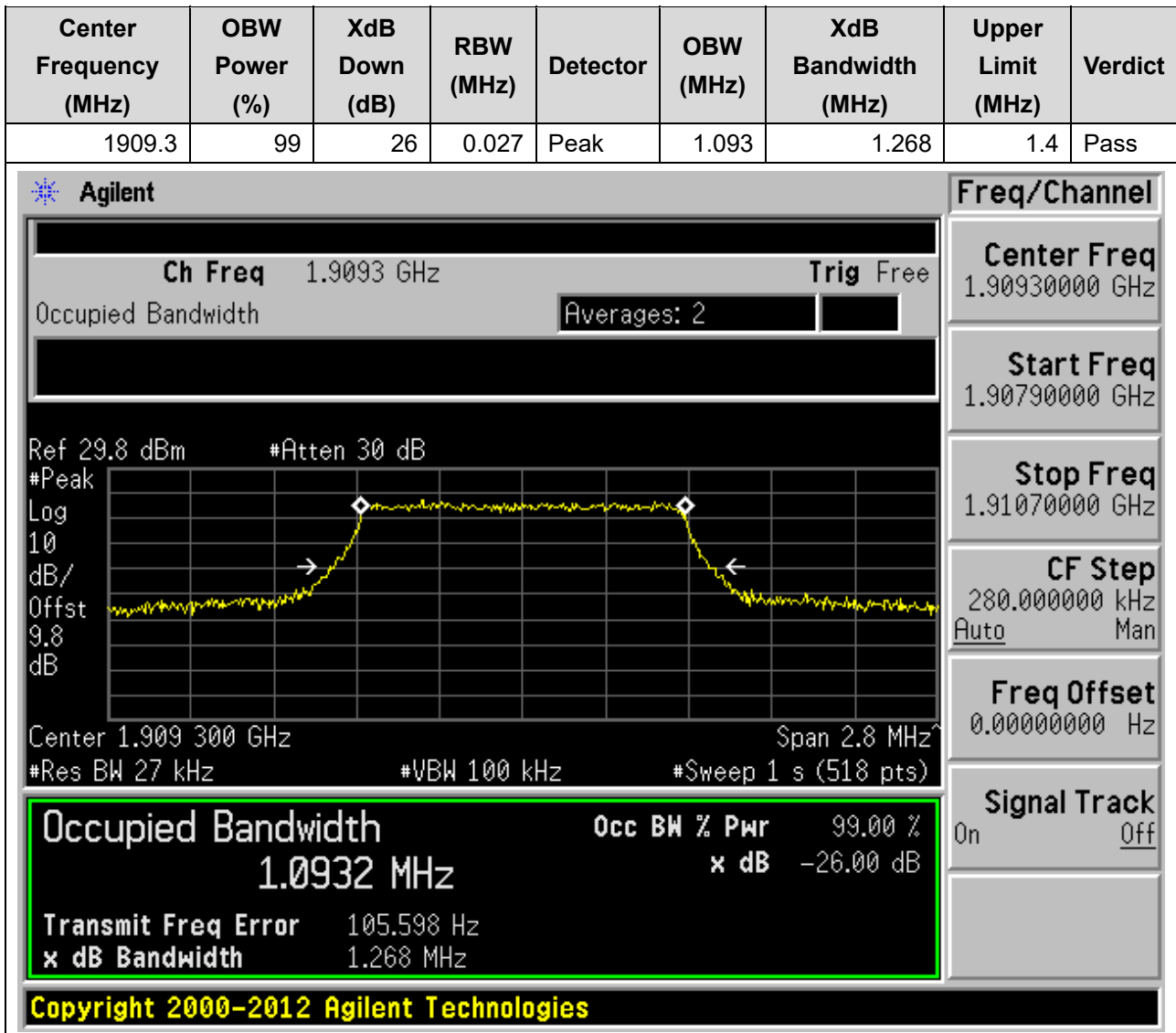


8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.085	1.259	1.4	Pass

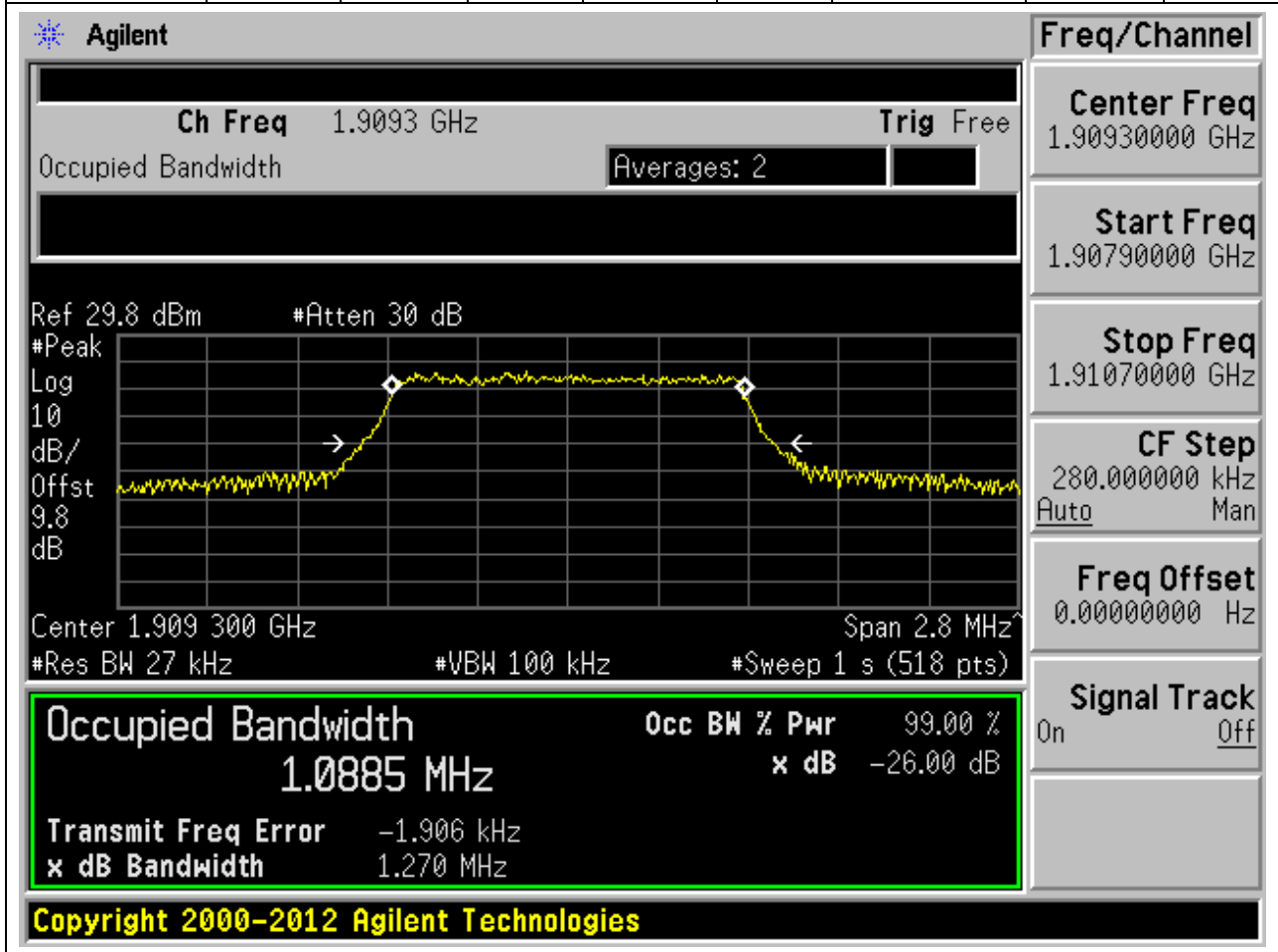


8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.088	1.27	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.706	2.96	3	Pass

Agilent

Ch Freq 1.8515 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

Center 1.851 500 GHz Span 6 MHz

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

Freq/Channel

Center Freq
1.85150000 GHz

Start Freq
1.84850000 GHz

Stop Freq
1.85450000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7065 MHz

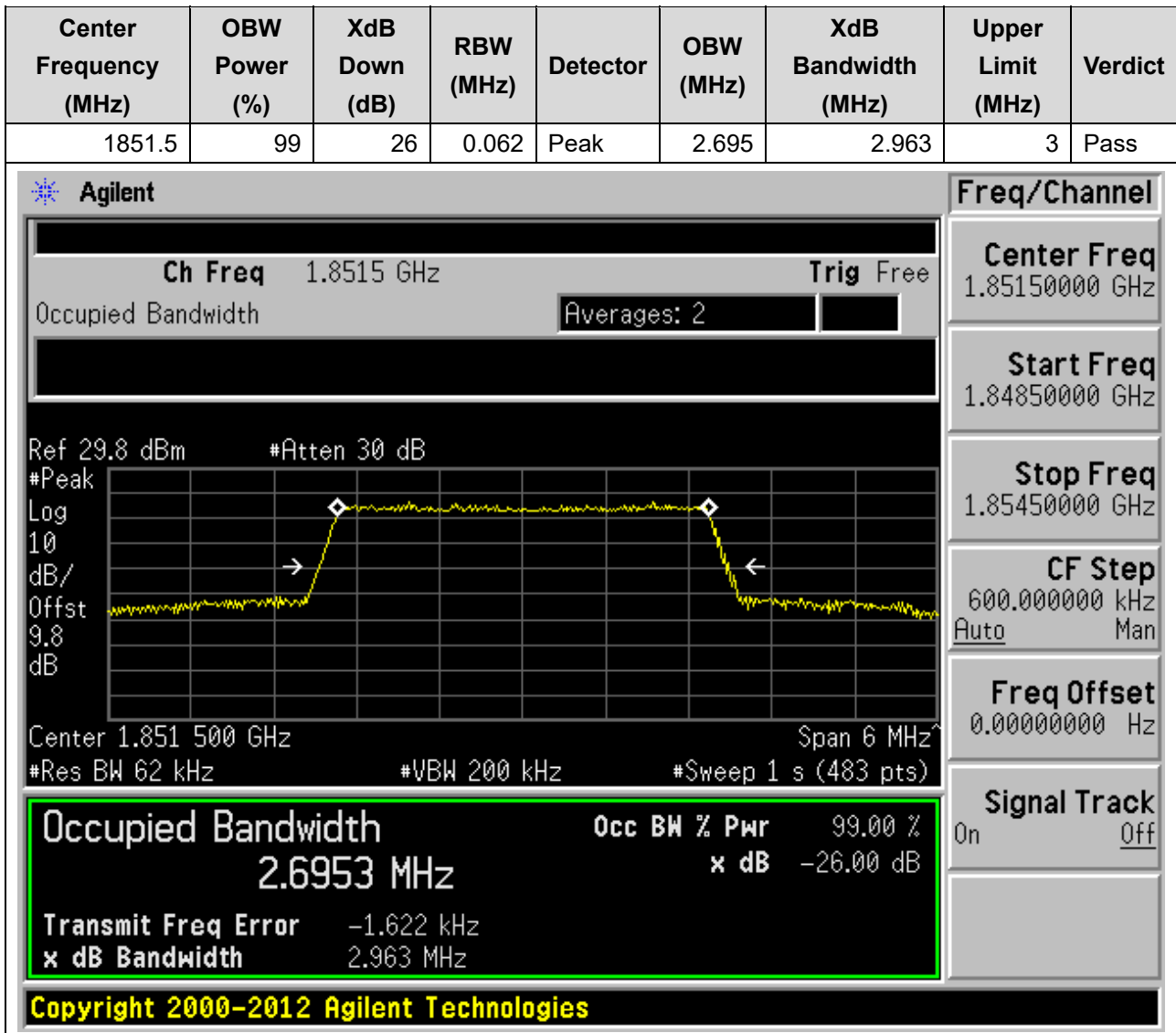
x dB -26.00 dB

Transmit Freq Error -568.043 Hz

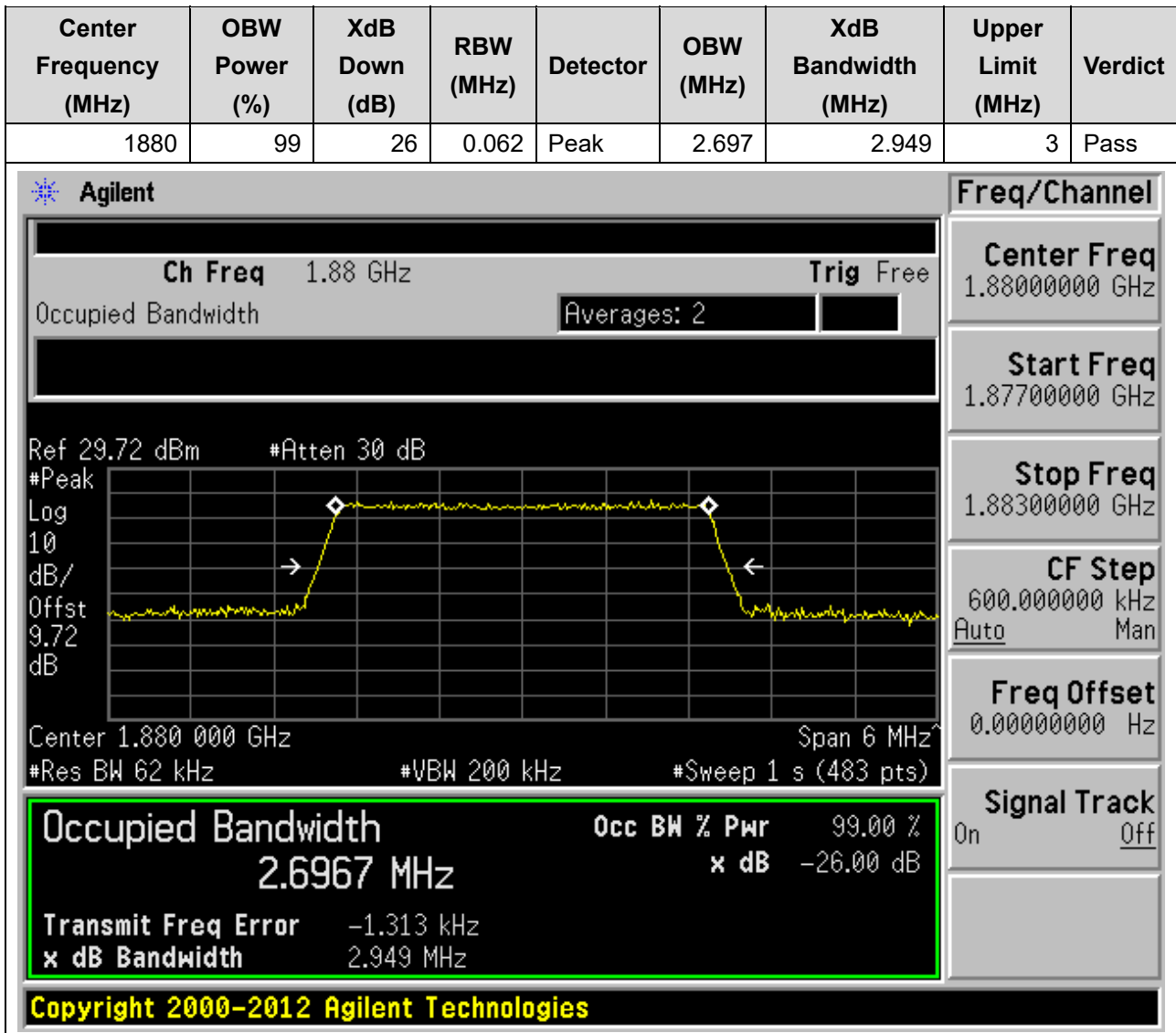
x dB Bandwidth 2.960 MHz

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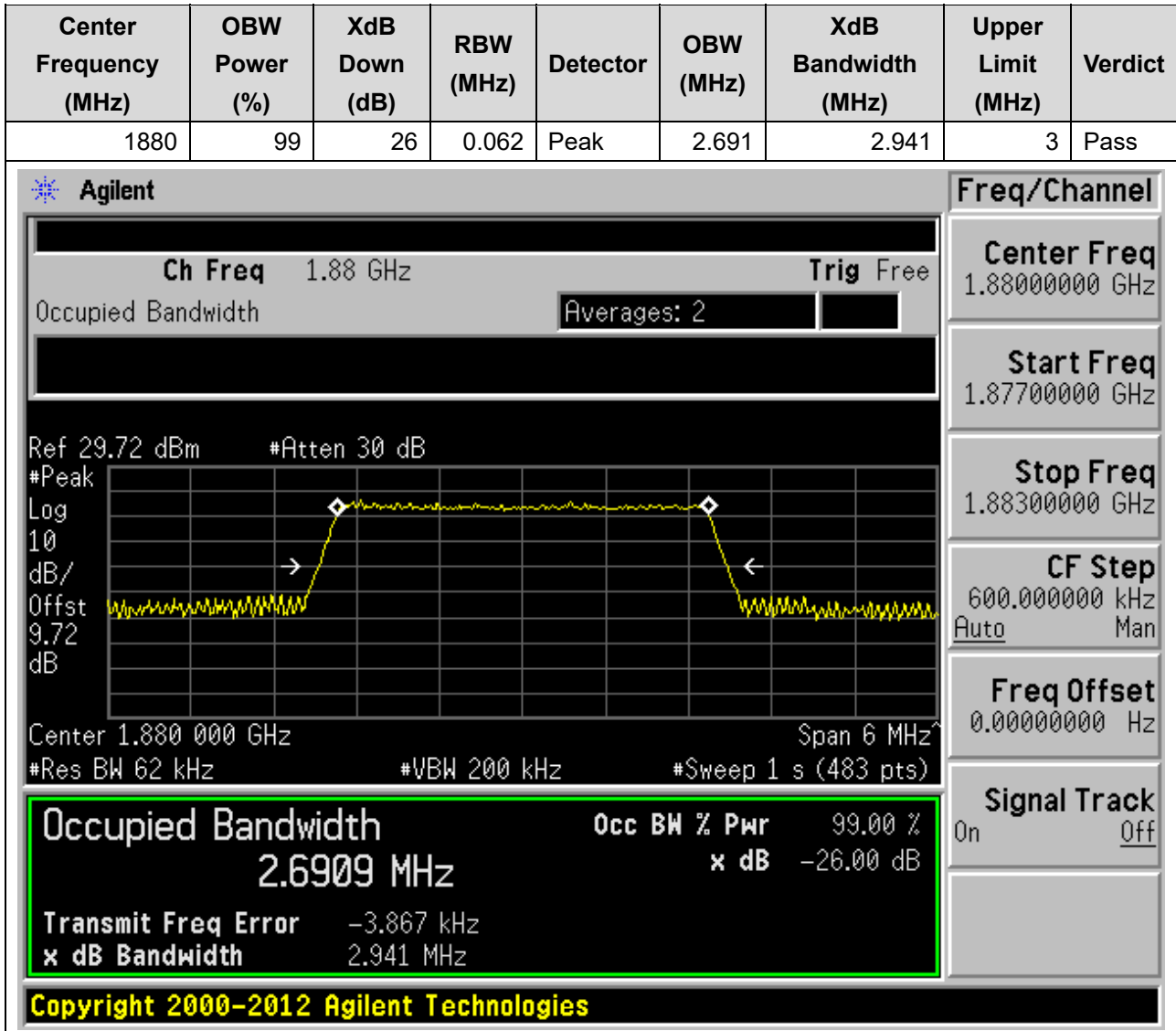
8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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

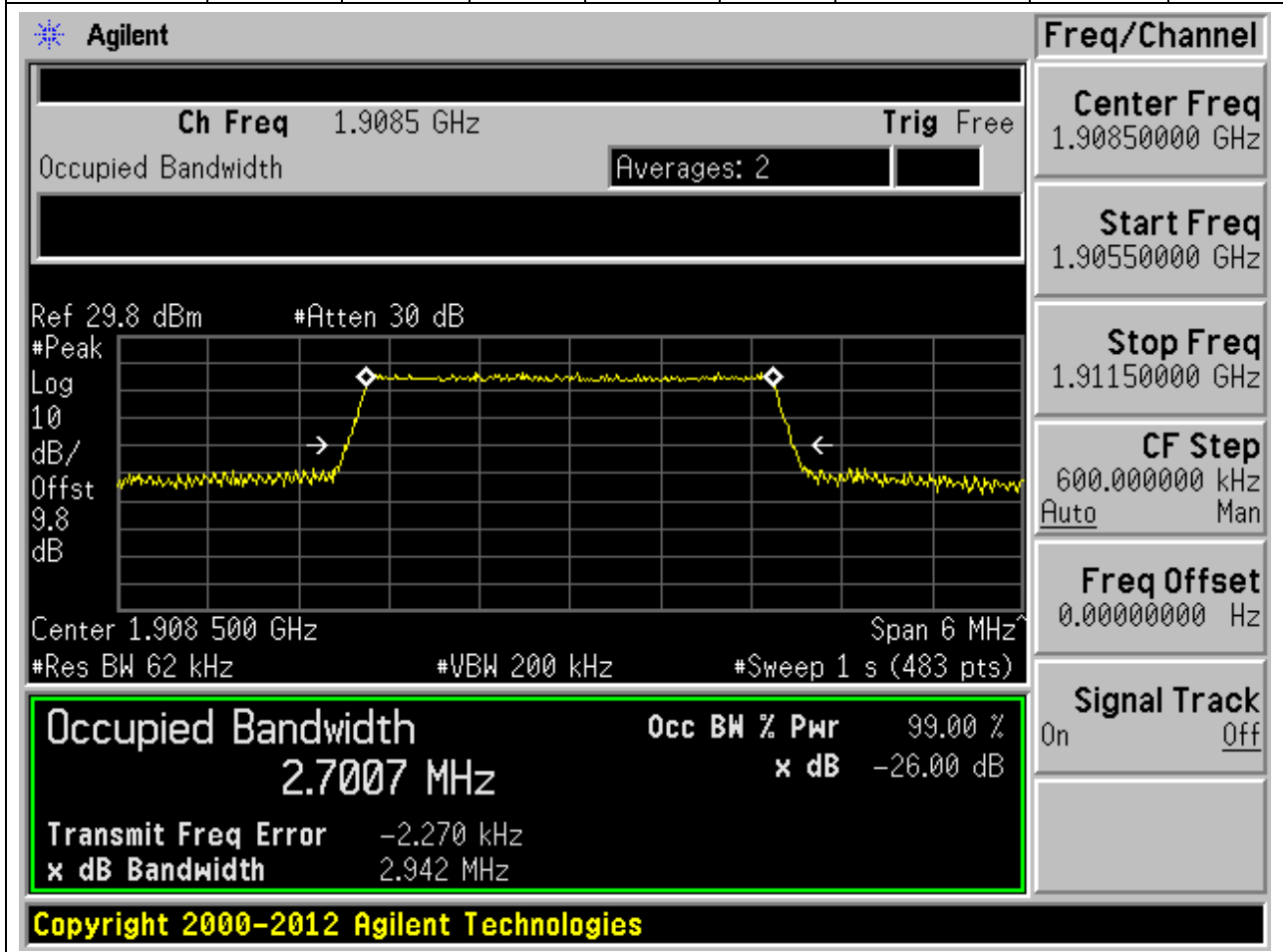


8.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

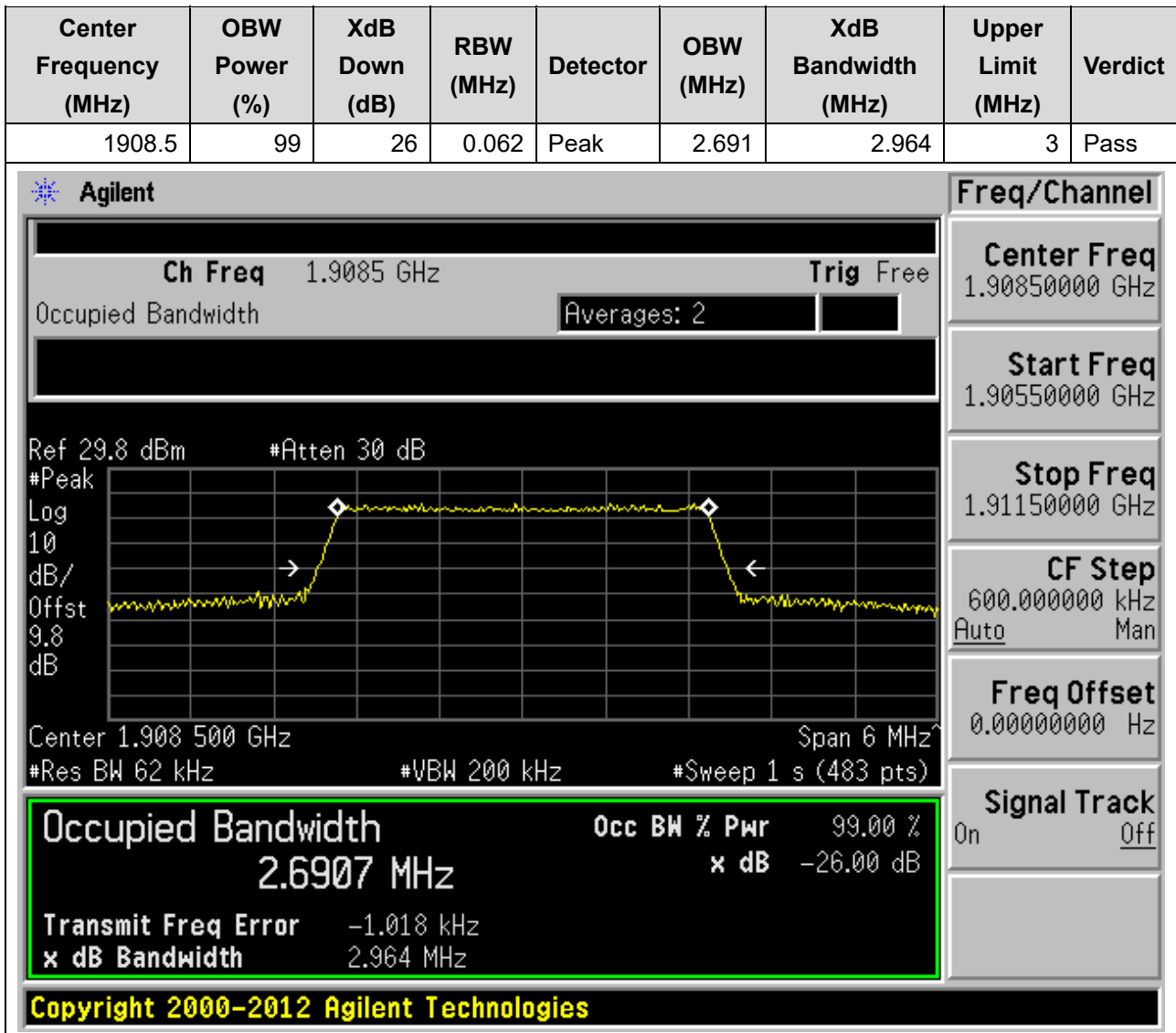


8.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.701	2.942	3	Pass

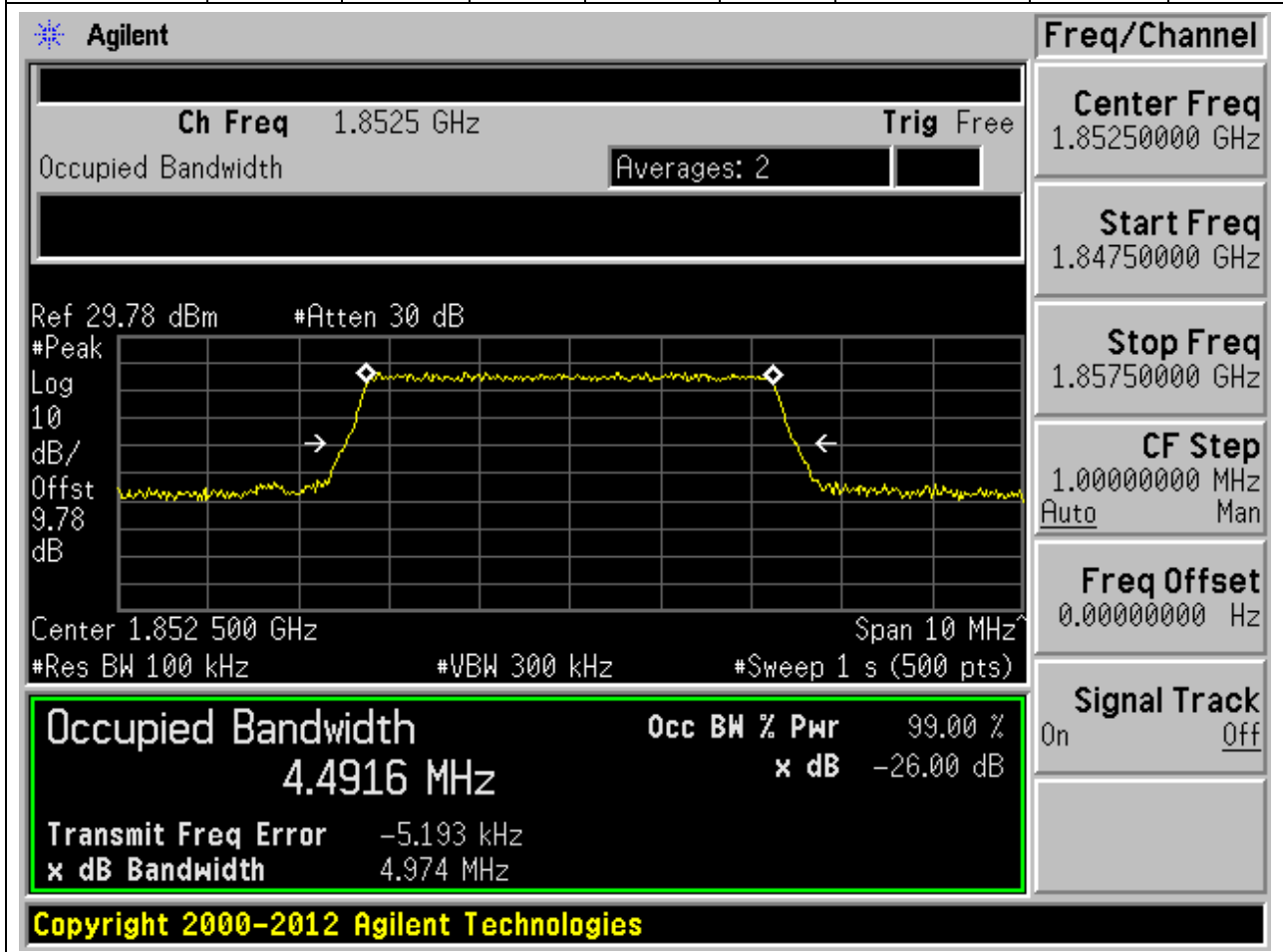


8.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.492	4.974	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.483	4.965	5	Pass

Agilent
Freq/Channel

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.78 dBm #Atten 30 dB

Center 1.852 500 GHz Span 10 MHz

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

Center Freq 1.85250000 GHz

Start Freq 1.84750000 GHz

Stop Freq 1.85750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4829 MHz

Occ BW % Pwr 99.00 %

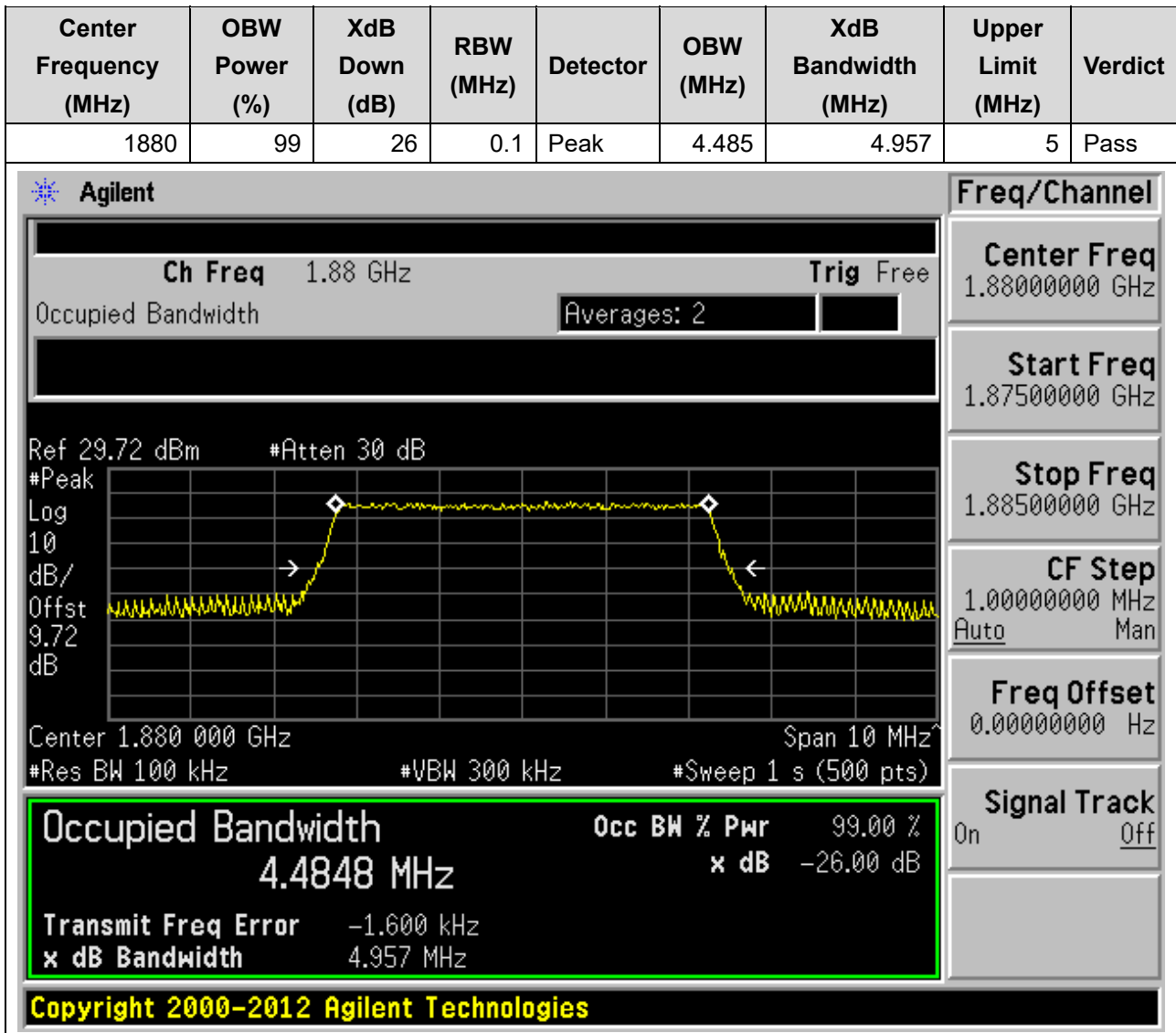
x dB -26.00 dB

Transmit Freq Error 338.797 Hz

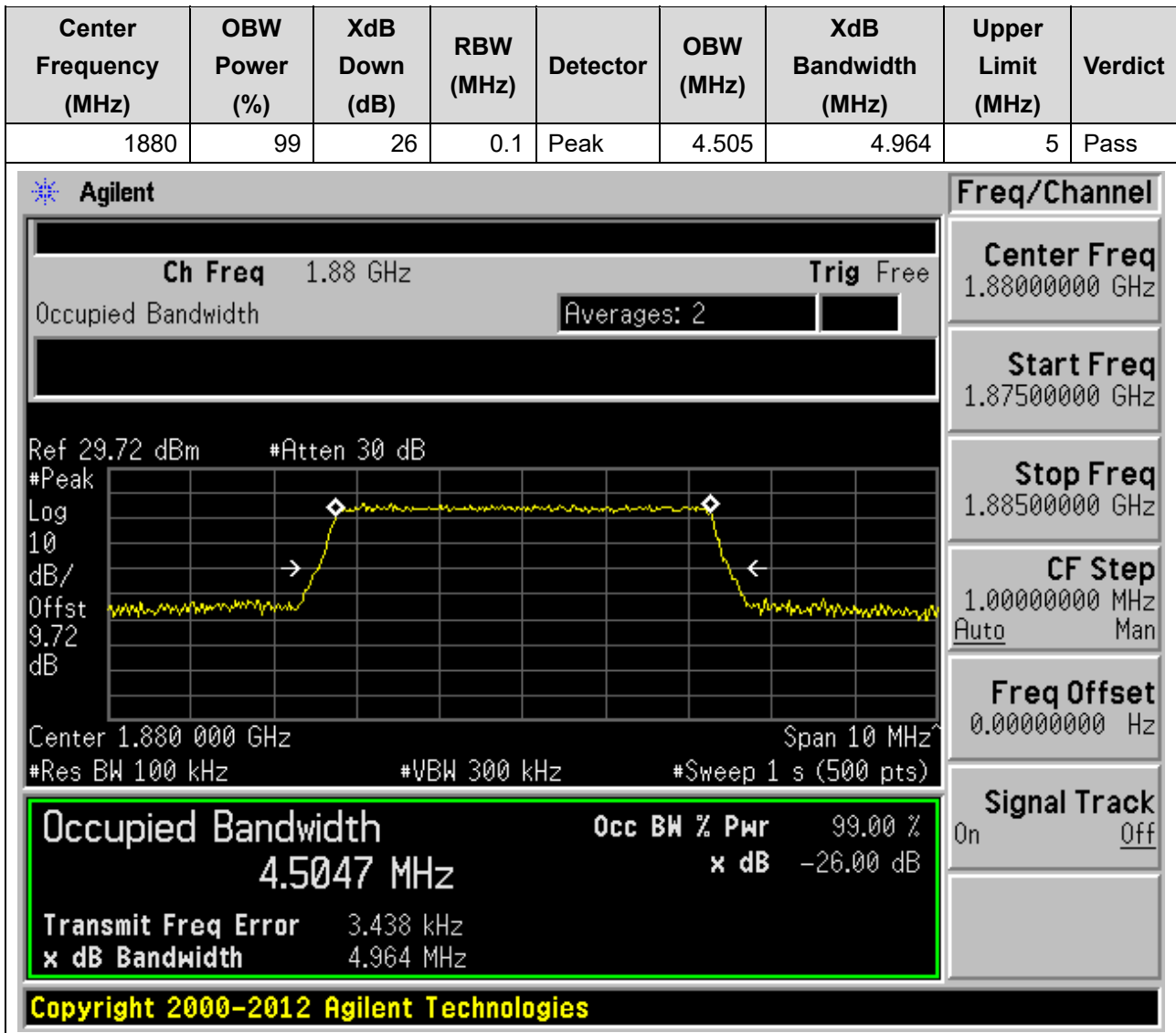
x dB Bandwidth 4.965 MHz

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.486	4.938	5	Pass

Agilent
Freq/Channel

Ch Freq 1.9075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

Center 1.907 500 GHz Span 10 MHz

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

Center Freq
1.90750000 GHz

Start Freq
1.90250000 GHz

Stop Freq
1.91250000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

4.4863 MHz

Occ BW % Pwr 99.00 %

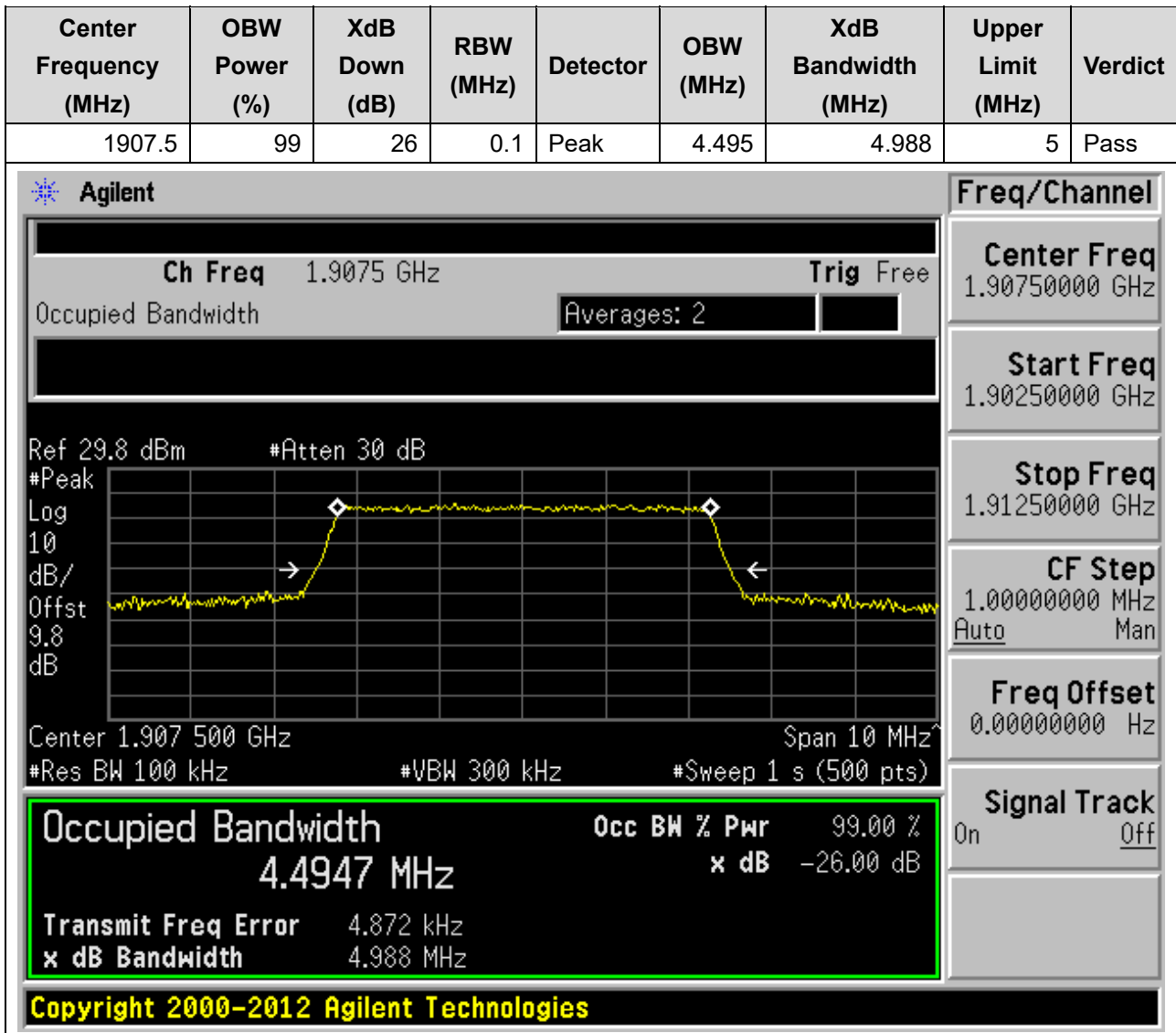
x dB -26.00 dB

Transmit Freq Error 2.799 kHz

x dB Bandwidth 4.938 MHz

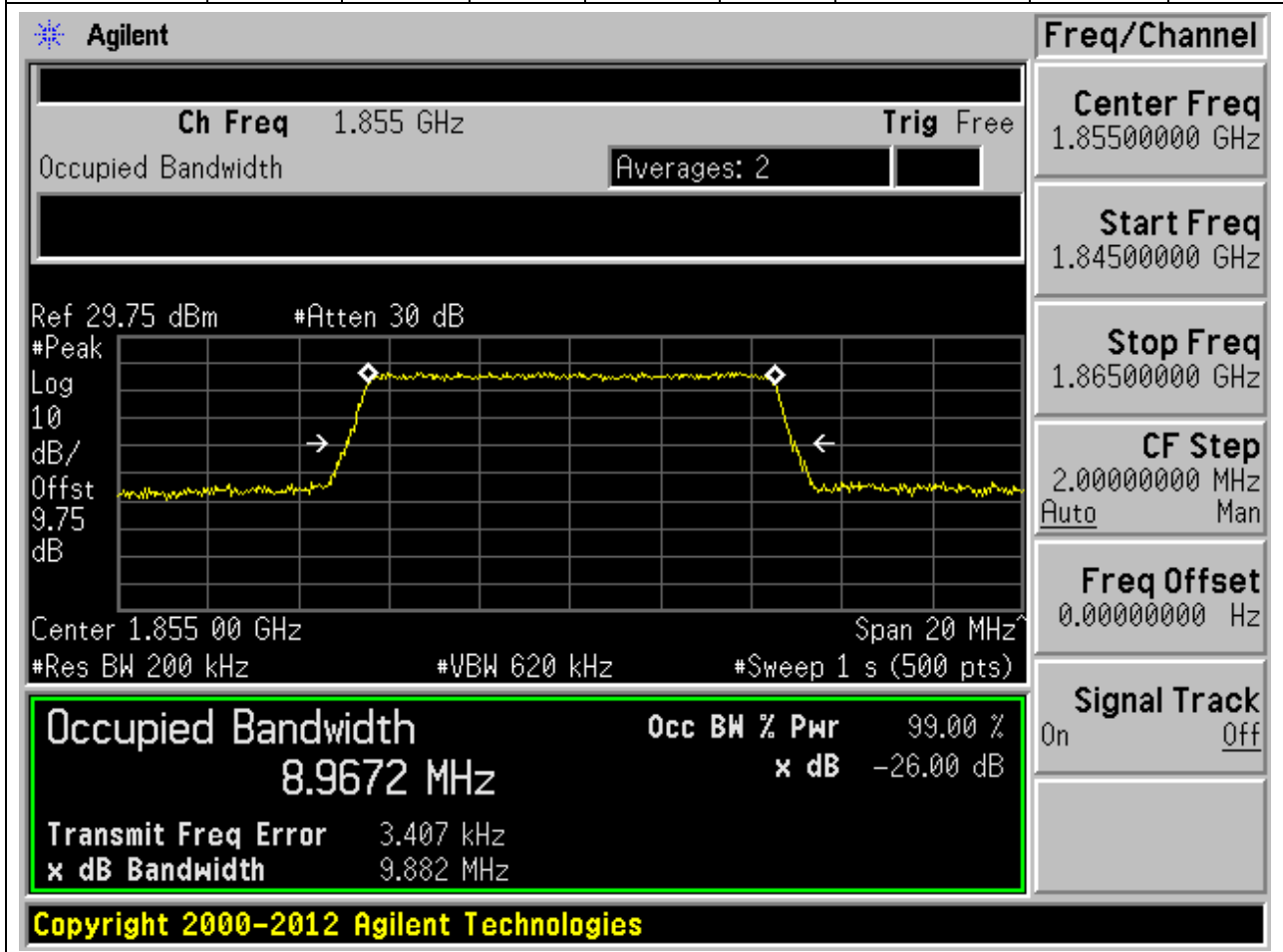
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8.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1855	99	26	0.2	Peak	8.967	9.882	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1855	99	26	0.2	Peak	8.97	9.73	10	Pass

Agilent

Ch Freq 1.855 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.75 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.75 dB

Center 1.855 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9697 MHz x dB -26.00 dB

Transmit Freq Error 3.407 kHz

x dB Bandwidth 9.730 MHz

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Freq/Channel

Center Freq 1.85500000 GHz

Start Freq 1.84500000 GHz

Stop Freq 1.86500000 GHz

CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.953	9.816	10	Pass

Agilent

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.72 dBm #Atten 30 dB

Center 1.880 00 GHz Span 20 MHz

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

Freq/Channel

Center Freq 1.88000000 GHz

Start Freq 1.87000000 GHz

Stop Freq 1.89000000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

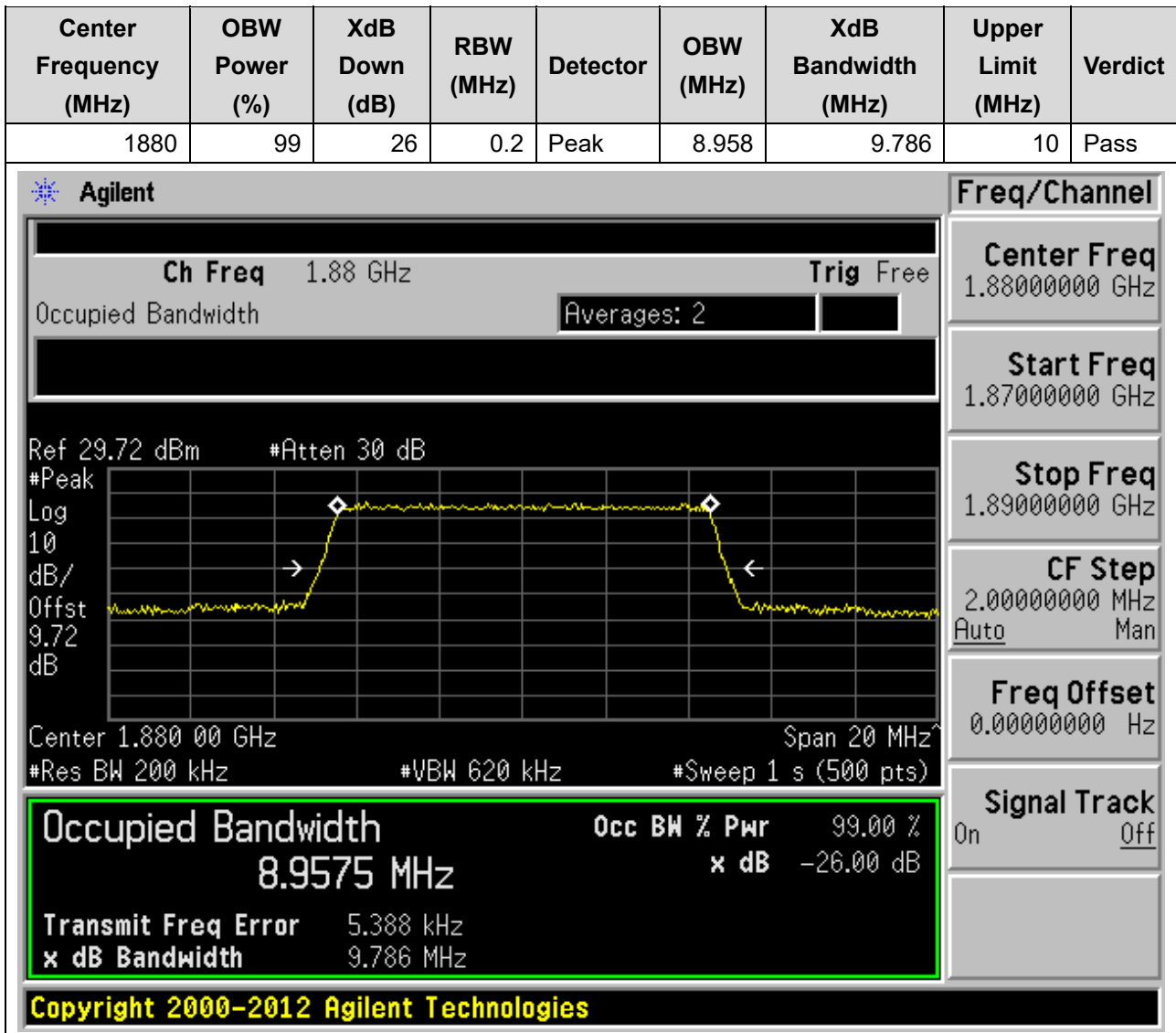
8.9529 MHz x dB -26.00 dB

Transmit Freq Error 6.630 kHz

x dB Bandwidth 9.816 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1905	99	26	0.2	Peak	8.969	9.835	10	Pass

Agilent

Ch Freq 1.905 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

Center 1.905 00 GHz Span 20 MHz

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

Freq/Channel

Center Freq 1.90500000 GHz

Start Freq 1.89500000 GHz

Stop Freq 1.91500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9694 MHz x dB -26.00 dB

Transmit Freq Error -3.525 kHz

x dB Bandwidth 9.835 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.433	14.658	15	Pass

Agilent

Ch Freq 1.8575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.72 dBm #Atten 30 dB

Center 1.857 50 GHz Span 30 MHz

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

Freq/Channel

Center Freq 1.85750000 GHz

Start Freq 1.84250000 GHz

Stop Freq 1.87250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4329 MHz x dB -26.00 dB

Transmit Freq Error -833.337 Hz

x dB Bandwidth 14.658 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.454	14.682	15	Pass

Agilent

Ch Freq 1.8575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.72 dBm #Atten 30 dB

Center 1.857 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4541 MHz x dB -26.00 dB

Transmit Freq Error -8.118 kHz

x dB Bandwidth 14.682 MHz

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Freq/Channel

Center Freq
1.85750000 GHz

Start Freq
1.84250000 GHz

Stop Freq
1.87250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.407	14.667	15	Pass

Agilent
Freq/Channel

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Center Freq
1.88000000 GHz

Start Freq
1.86500000 GHz

Stop Freq
1.89500000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 29.72 dBm #Atten 30 dB

Center 1.880 00 GHz Span 30 MHz

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

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

13.4069 MHz **x dB** -26.00 dB

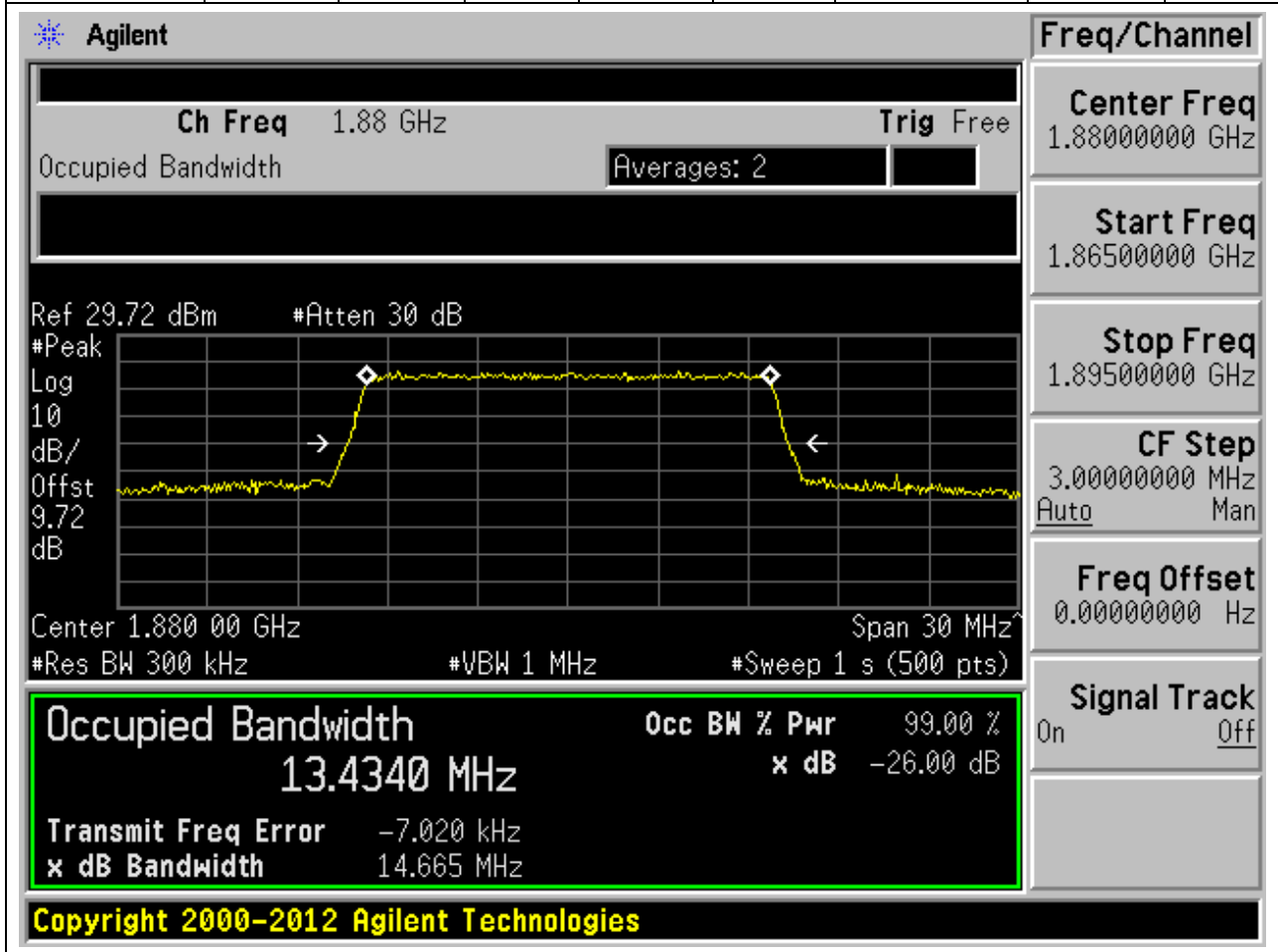
Transmit Freq Error -4.545 kHz

x dB Bandwidth 14.667 MHz

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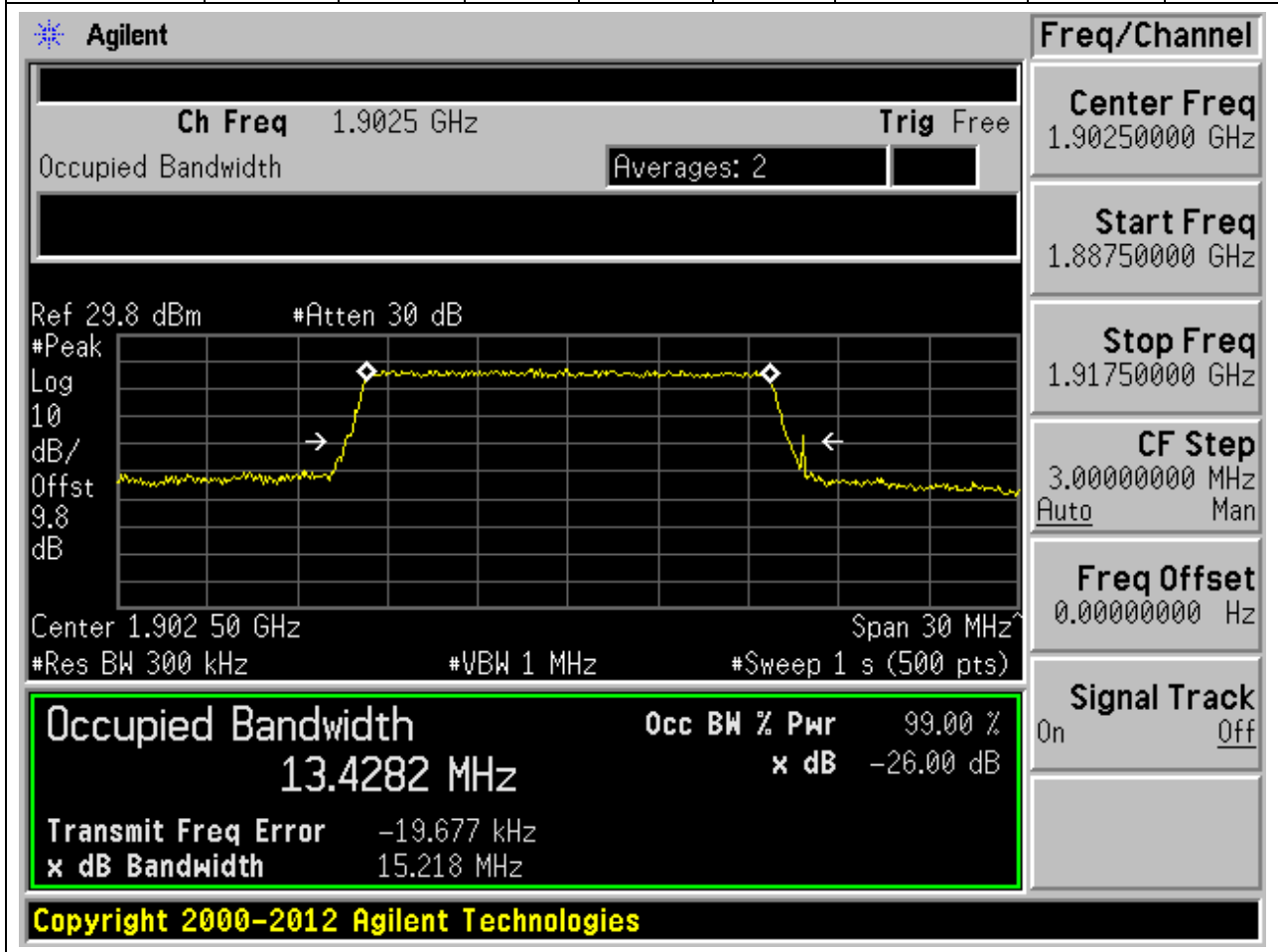
8.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.434	14.665	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.428	15.218	15	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.445	14.674	15	Pass

Agilent

Ch Freq 1.9025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

Center 1.902 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4452 MHz x dB -26.00 dB

Transmit Freq Error -6.413 kHz

x dB Bandwidth 14.674 MHz

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Freq/Channel

Center Freq
1.90250000 GHz

Start Freq
1.88750000 GHz

Stop Freq
1.91750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1860	99	26	0.39	Peak	17.912	19.433	20	Pass

Agilent
Freq/Channel

Ch Freq 1.86 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.69 dBm #Atten 30 dB

#Peak
Log 10 dB/dB
Offst 9.69 dB
Center 1.860 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 %
17.9119 MHz	x dB	-26.00 dB
Transmit Freq Error	4.694 kHz	
x dB Bandwidth	19.433 MHz	

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Center Freq

1.86000000 GHz

Start Freq

1.84000000 GHz

Stop Freq

1.88000000 GHz

CF Step

4.00000000 MHz
Auto Man

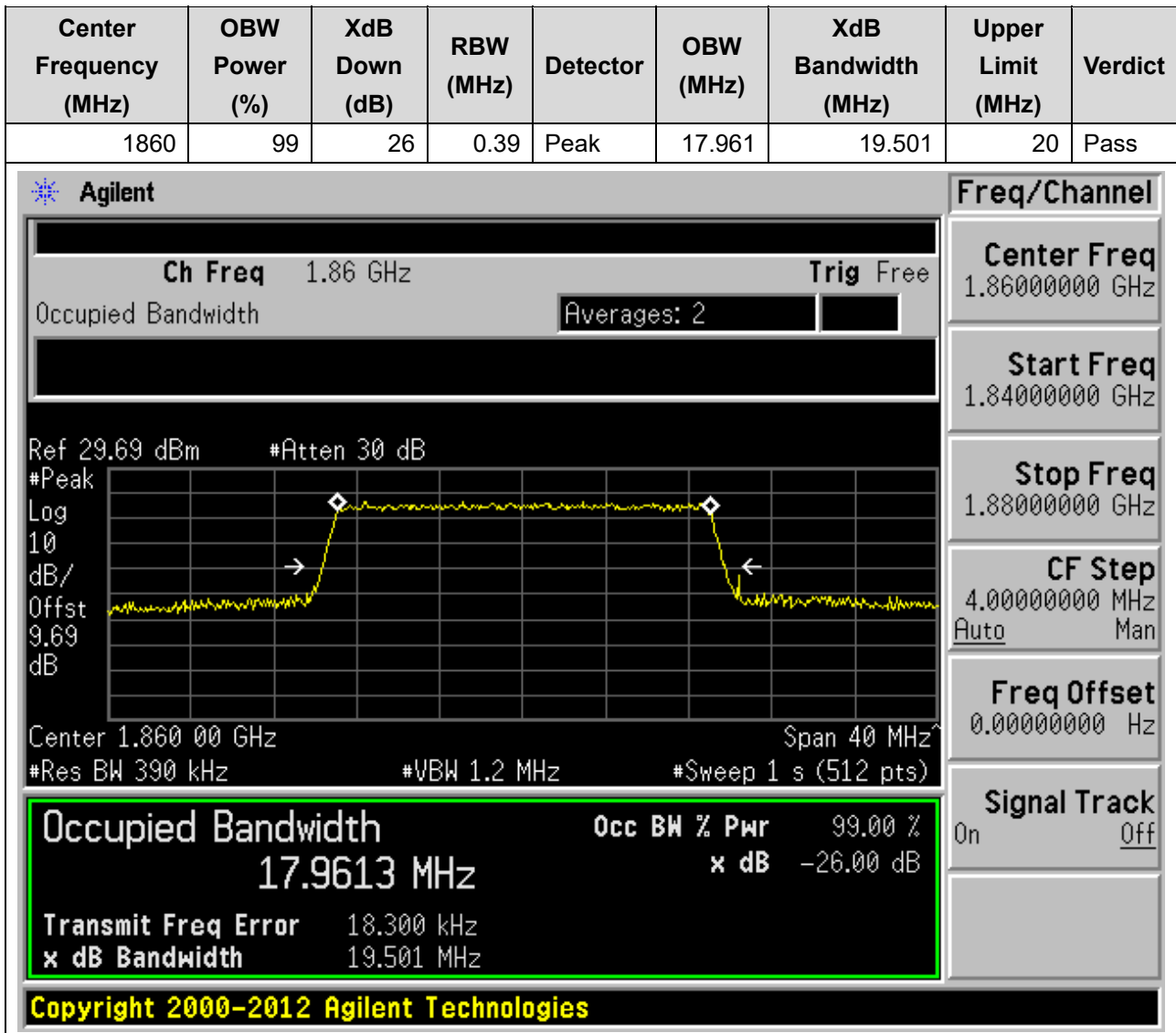
Freq Offset

0.00000000 Hz

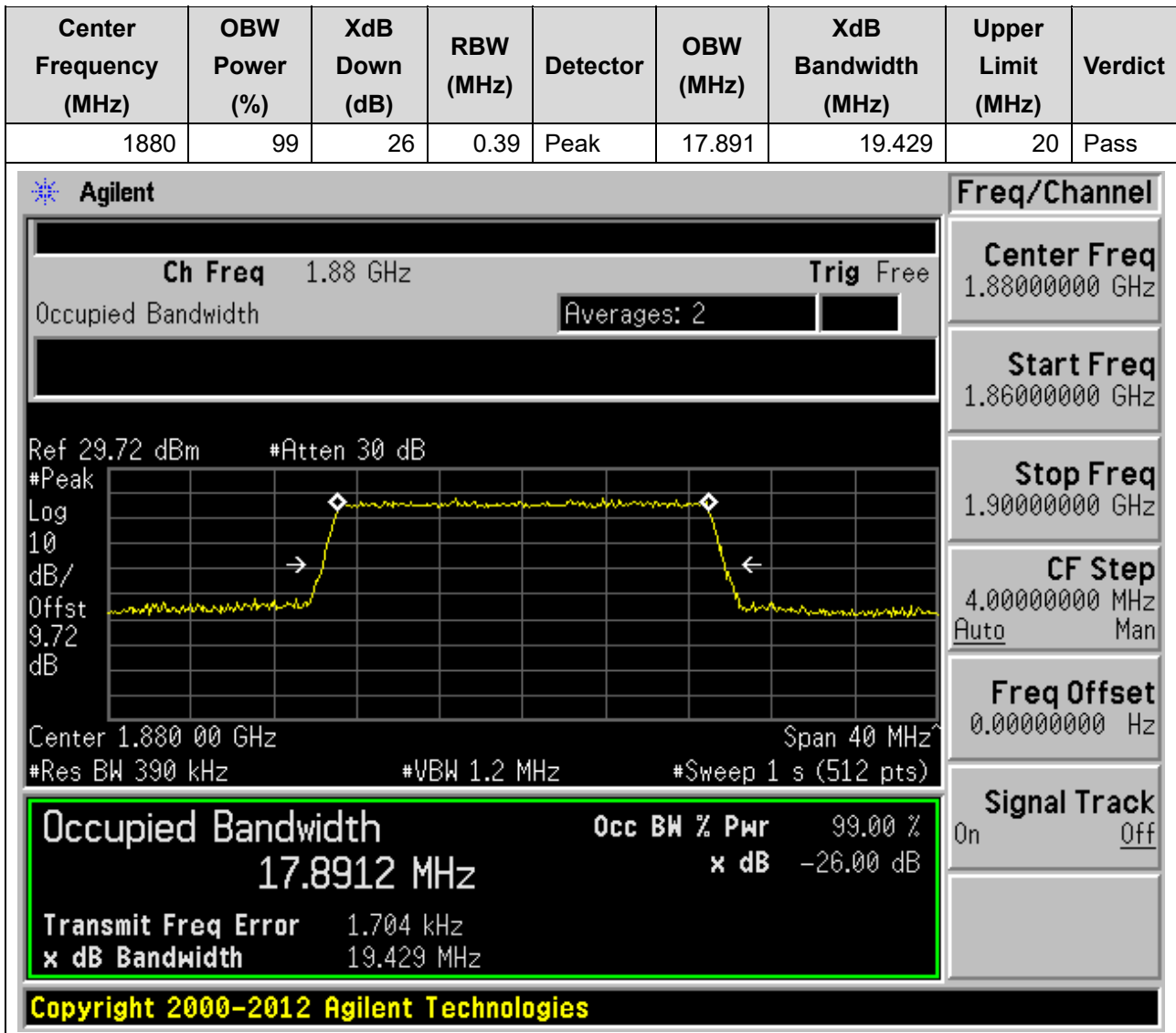
Signal Track

On Off

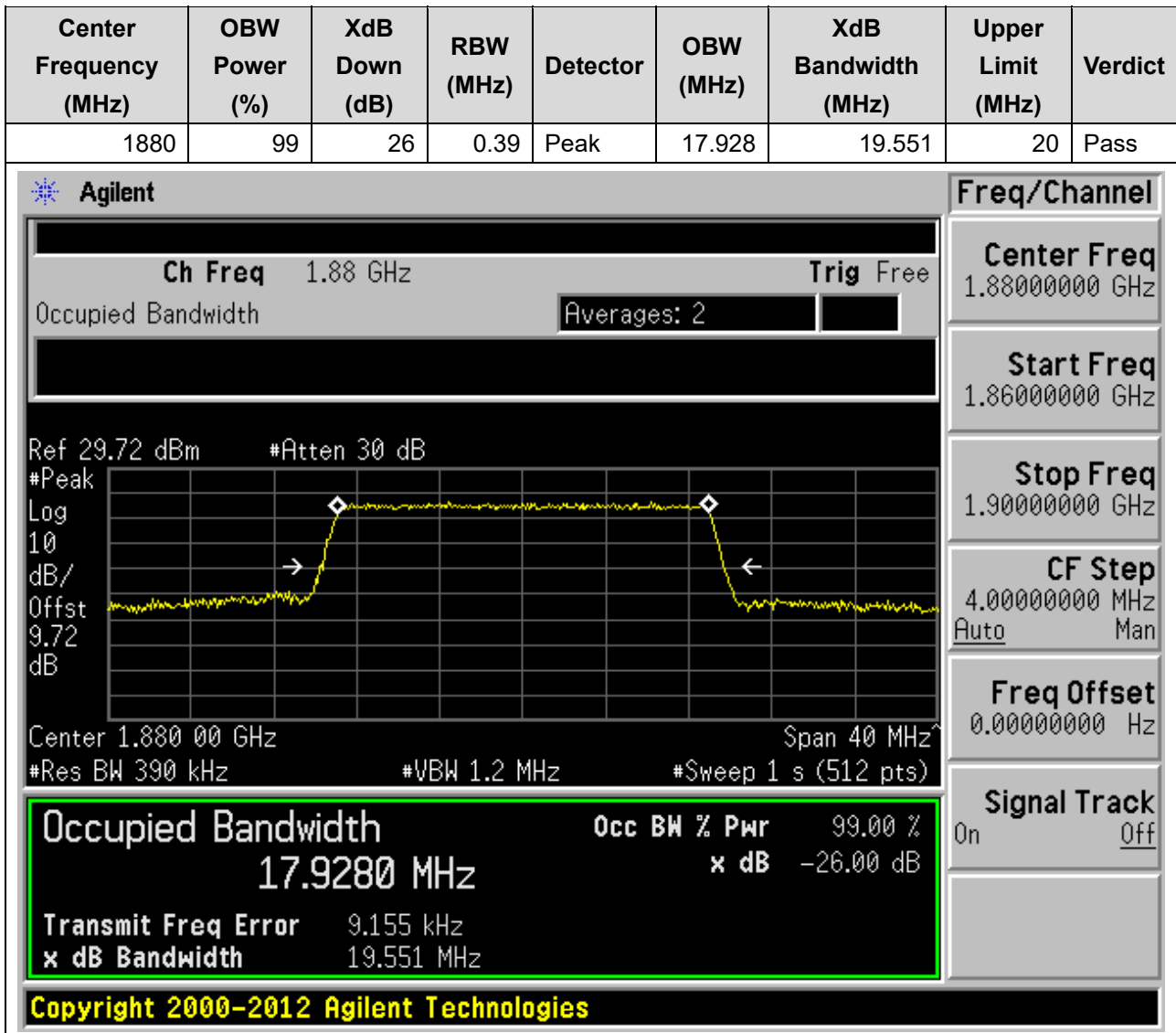
8.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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

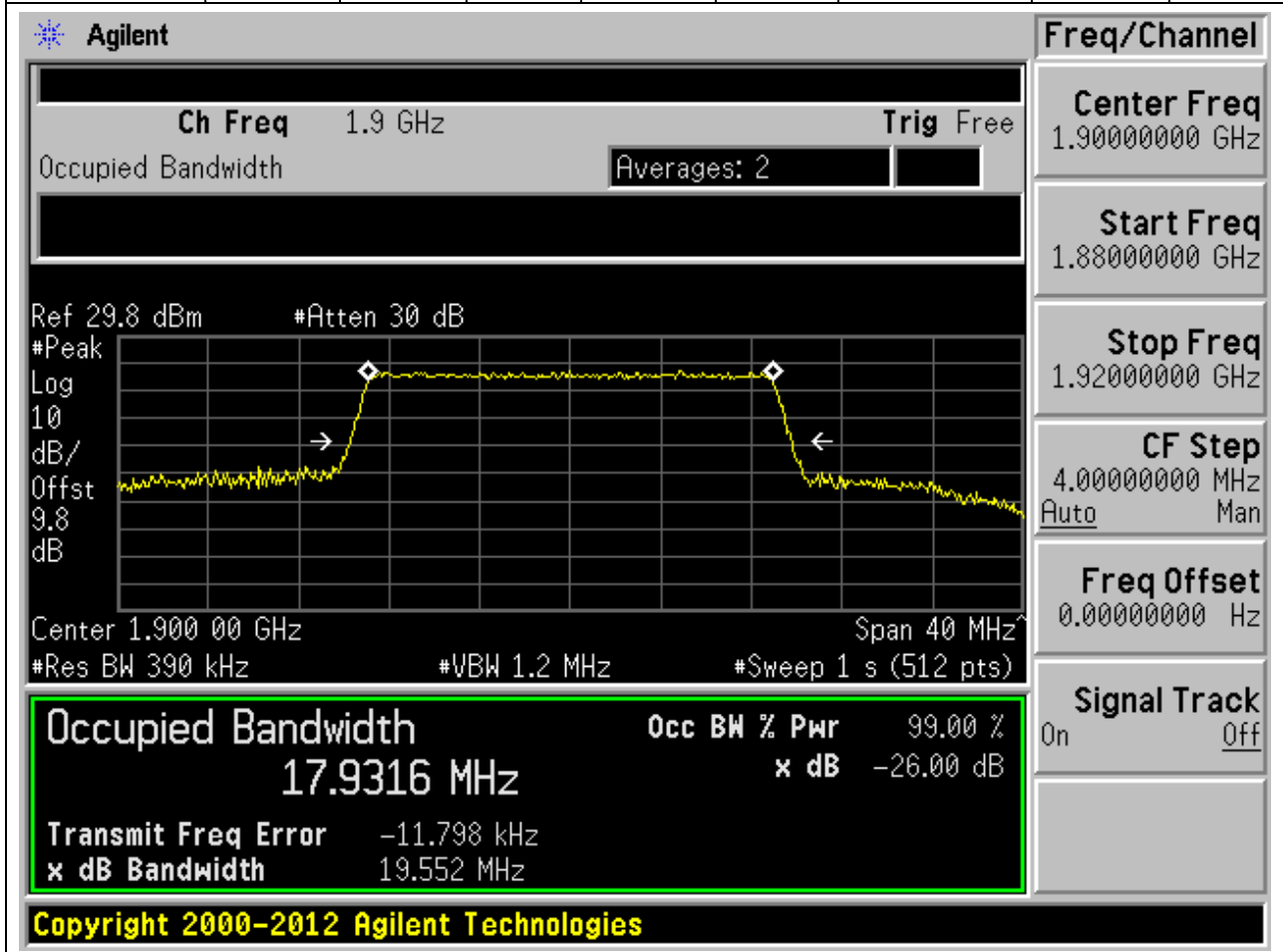


8.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



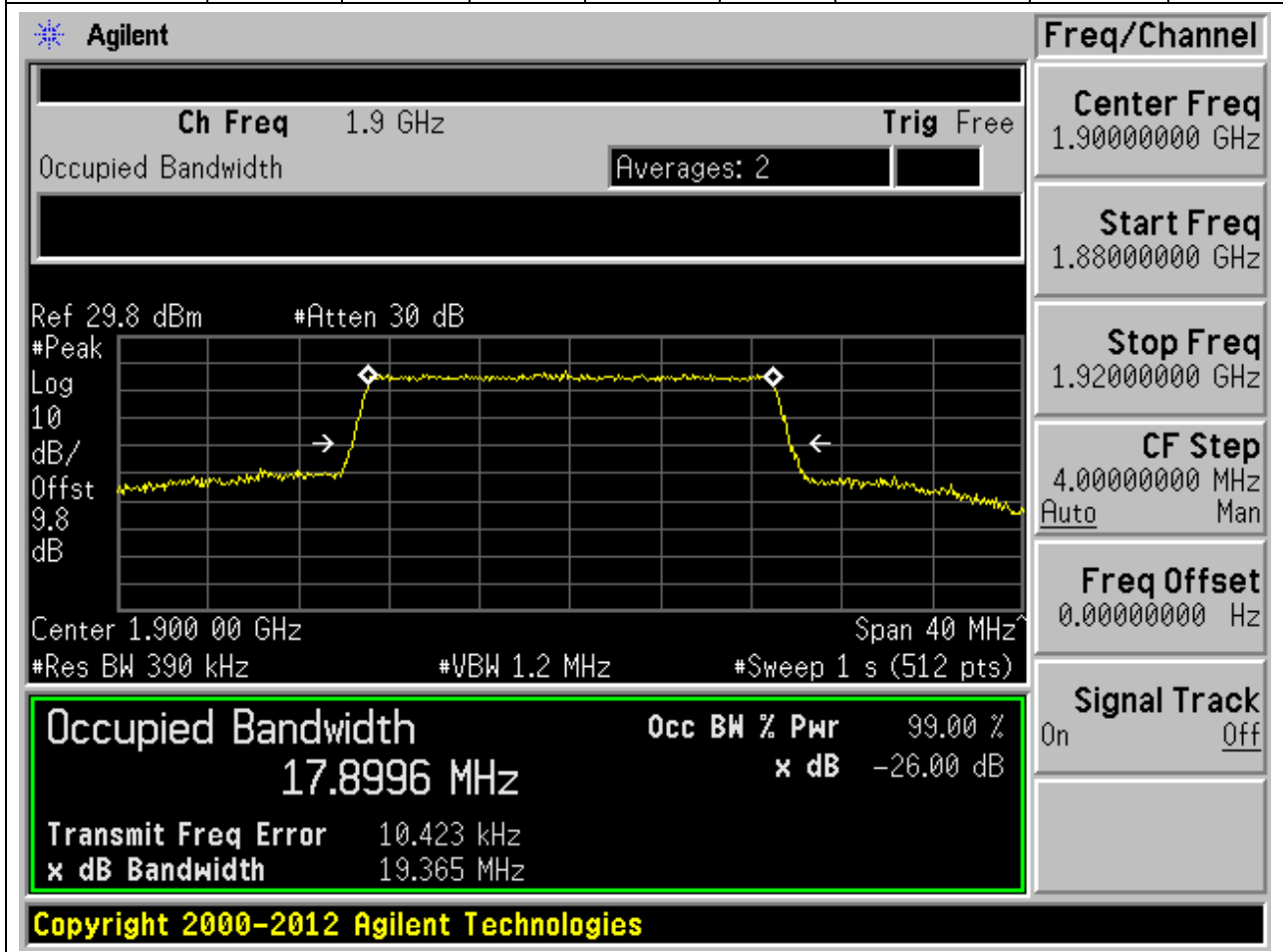
8.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1900	99	26	0.39	Peak	17.932	19.552	20	Pass



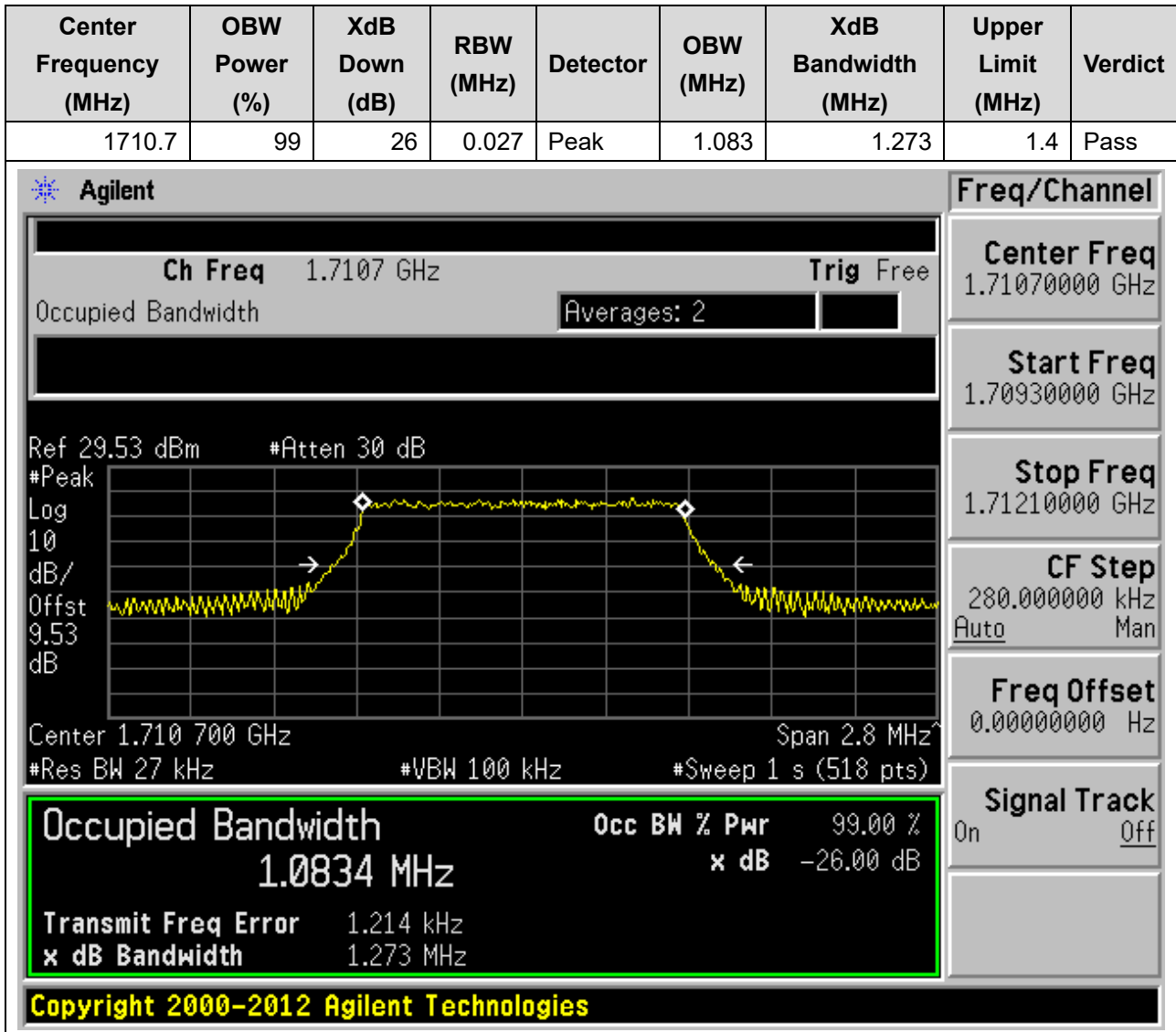
8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1900	99	26	0.39	Peak	17.9	19.365	20	Pass

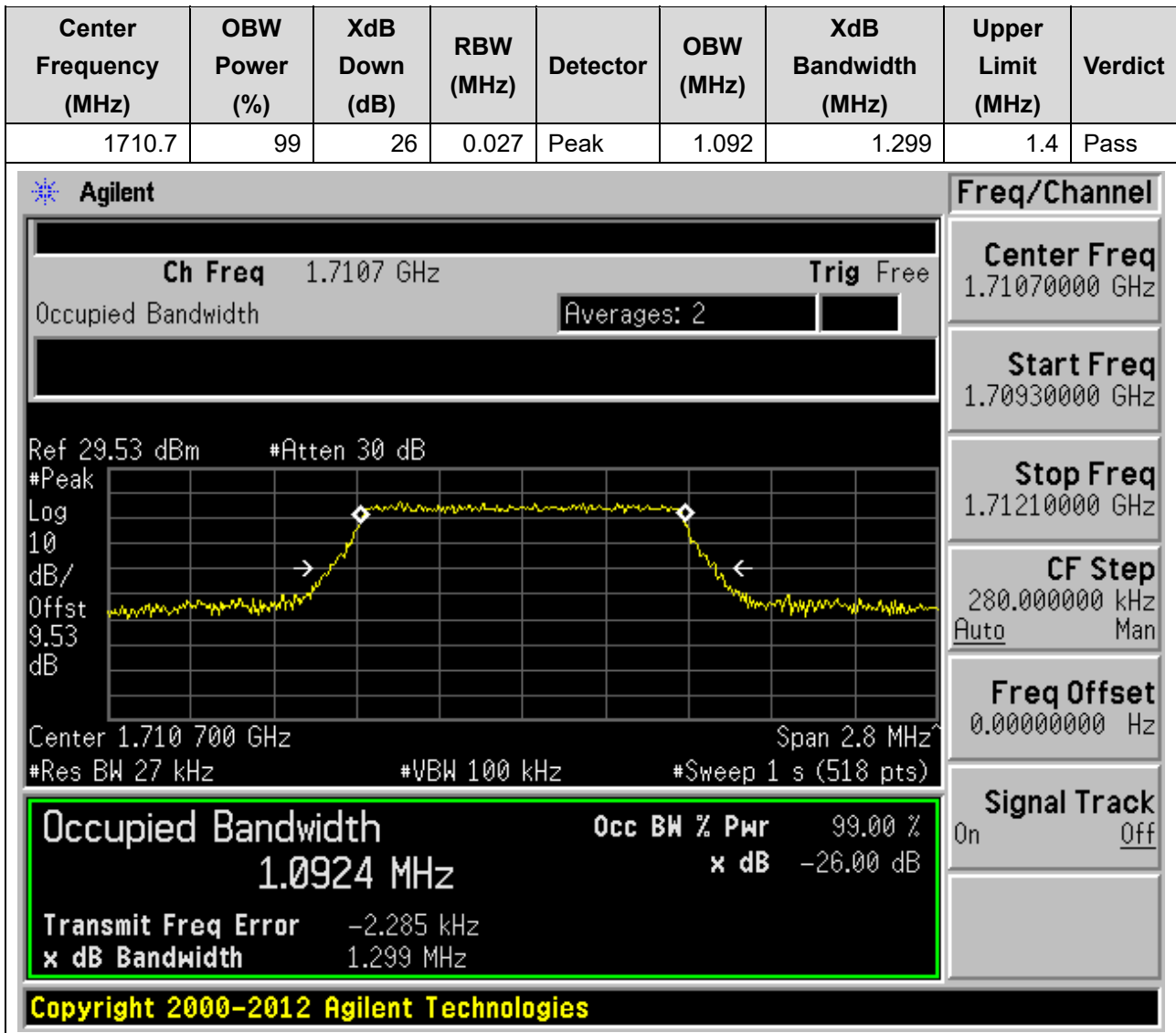


9. LTE_Band4

9.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



9.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.089	1.305	1.4	Pass

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 500 GHz Span 2.8 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.73110000 GHz

Stop Freq 1.73390000 GHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0891 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -252.304 Hz

x dB Bandwidth 1.305 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.084	1.264	1.4	Pass

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 500 GHz Span 2.8 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.73110000 GHz

Stop Freq 1.73390000 GHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

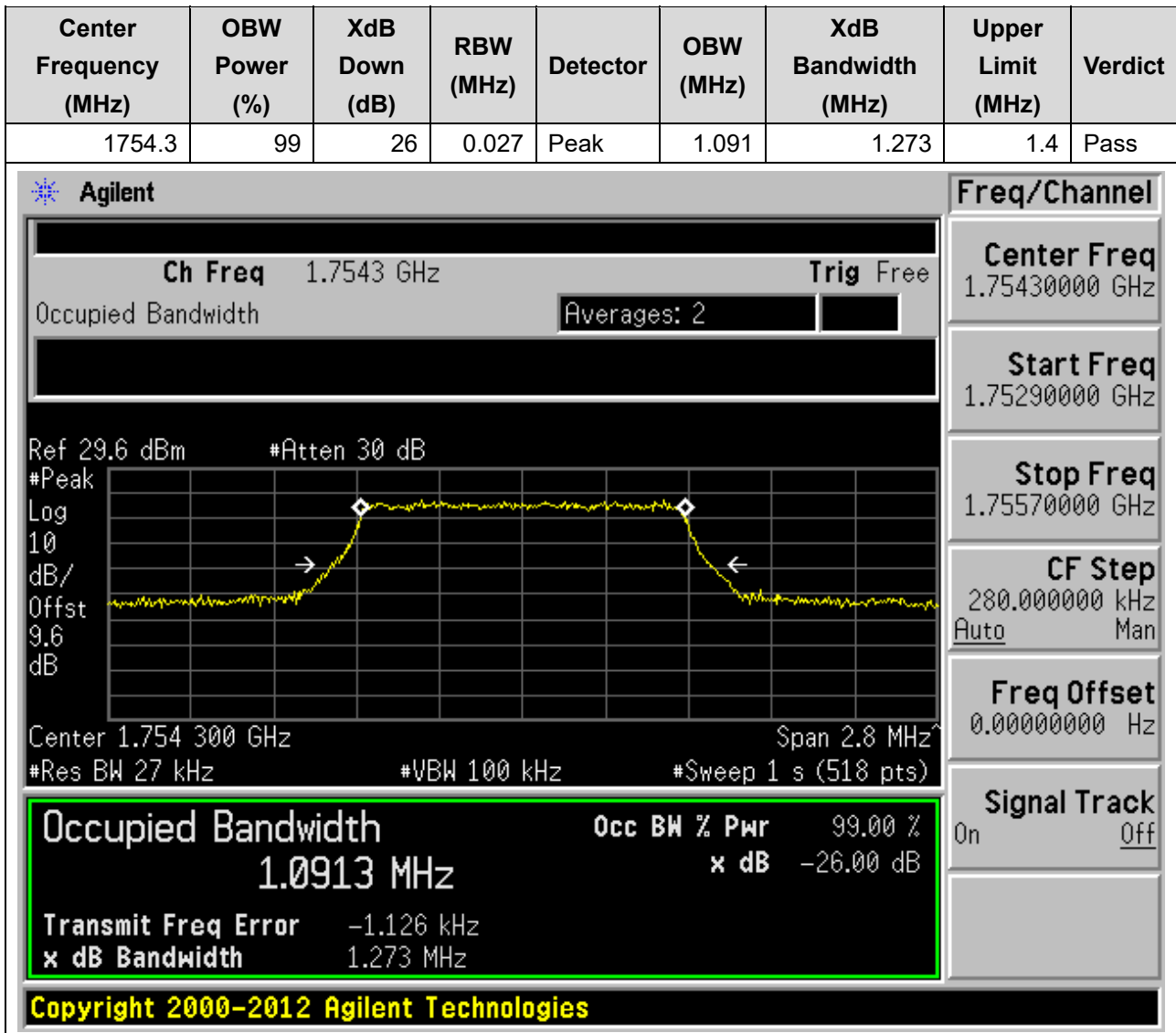
1.0845 MHz x dB -26.00 dB

Transmit Freq Error -1.046 kHz

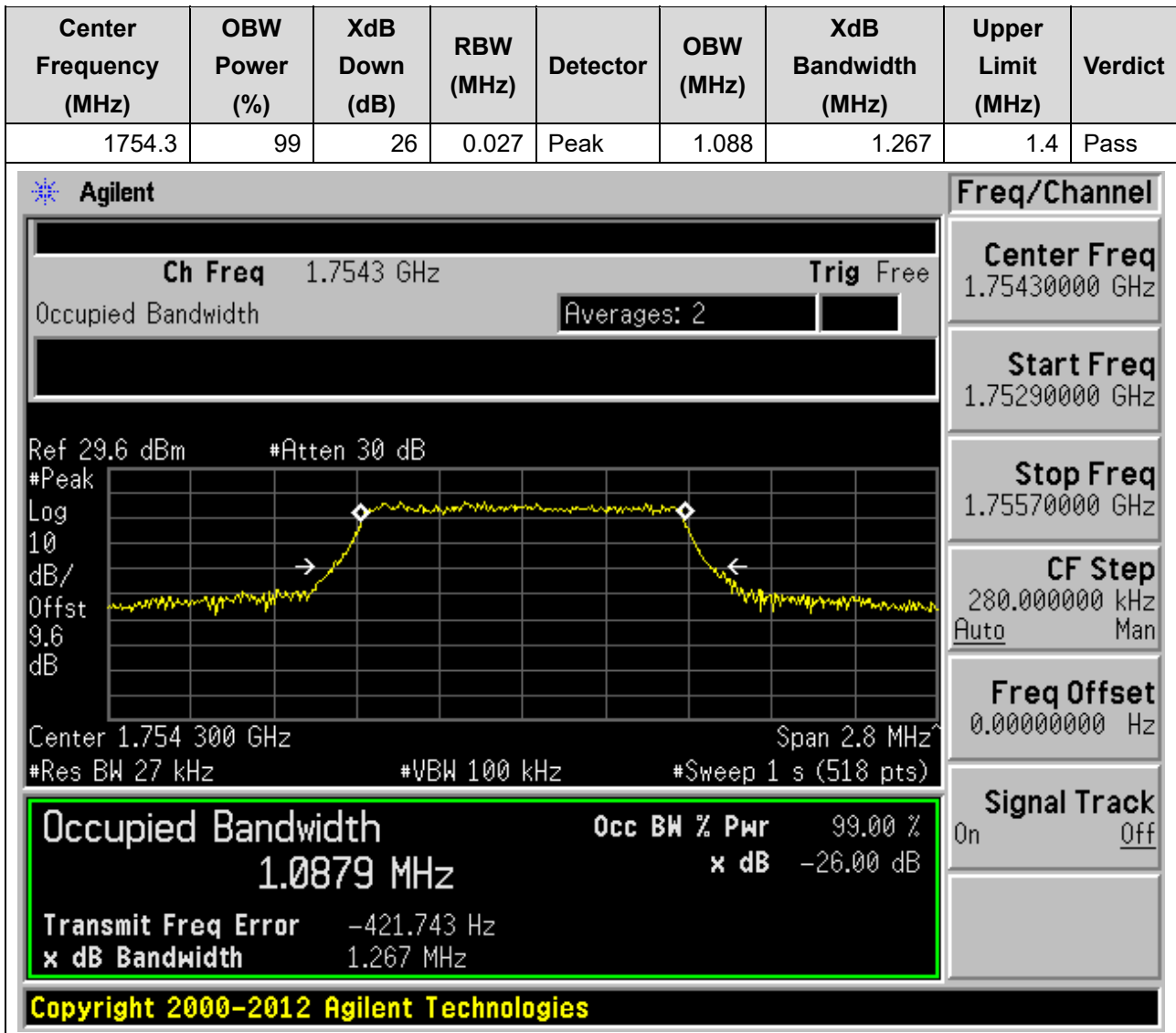
x dB Bandwidth 1.264 MHz

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.696	2.948	3	Pass

Agilent

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.53 dBm #Atten 30 dB

Center 1.711 500 GHz Span 6 MHz

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

Freq/Channel

Center Freq 1.71150000 GHz

Start Freq 1.70850000 GHz

Stop Freq 1.71450000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6959 MHz x dB -26.00 dB

Transmit Freq Error 876.749 Hz

x dB Bandwidth 2.948 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.697	2.956	3	Pass

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 500 GHz Span 6 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.72950000 GHz

Stop Freq 1.73550000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

2.6966 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.704 kHz

x dB Bandwidth 2.956 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.694	2.944	3	Pass

Agilent

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 500 GHz Span 6 MHz

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

Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.72950000 GHz

Stop Freq 1.73550000 GHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6938 MHz x dB -26.00 dB

Transmit Freq Error -3.202 kHz

x dB Bandwidth 2.944 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.701	2.954	3	Pass

Agilent

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.6 dBm #Atten 30 dB

Center 1.753 500 GHz Span 6 MHz

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

Freq/Channel

Center Freq 1.75350000 GHz

Start Freq 1.75050000 GHz

Stop Freq 1.75650000 GHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7010 MHz

x dB -26.00 dB

Transmit Freq Error -3.080 kHz

x dB Bandwidth 2.954 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.69	2.962	3	Pass

Agilent
Freq/Channel

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.6 dBm #Atten 30 dB

Center 1.753 500 GHz Span 6 MHz

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

Center Freq
1.75350000 GHz

Start Freq
1.75050000 GHz

Stop Freq
1.75650000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

2.6904 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -1.852 kHz

x dB Bandwidth 2.962 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.496	4.968	5	Pass

Agilent

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.52 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz

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

Freq/Channel

Center Freq 1.71250000 GHz

Start Freq 1.70750000 GHz

Stop Freq 1.71750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

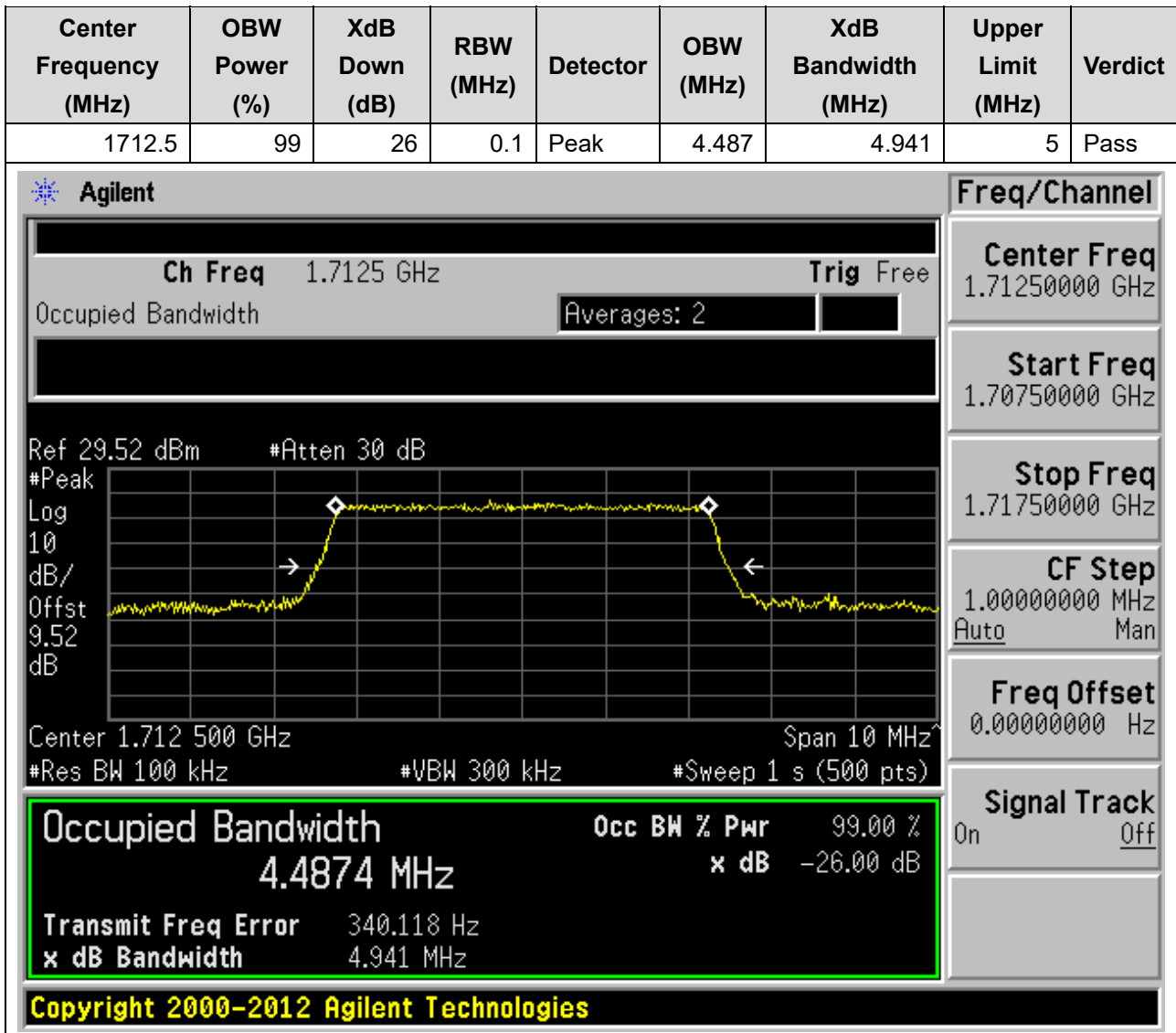
4.4961 MHz x dB -26.00 dB

Transmit Freq Error -2.254 kHz

x dB Bandwidth 4.968 MHz

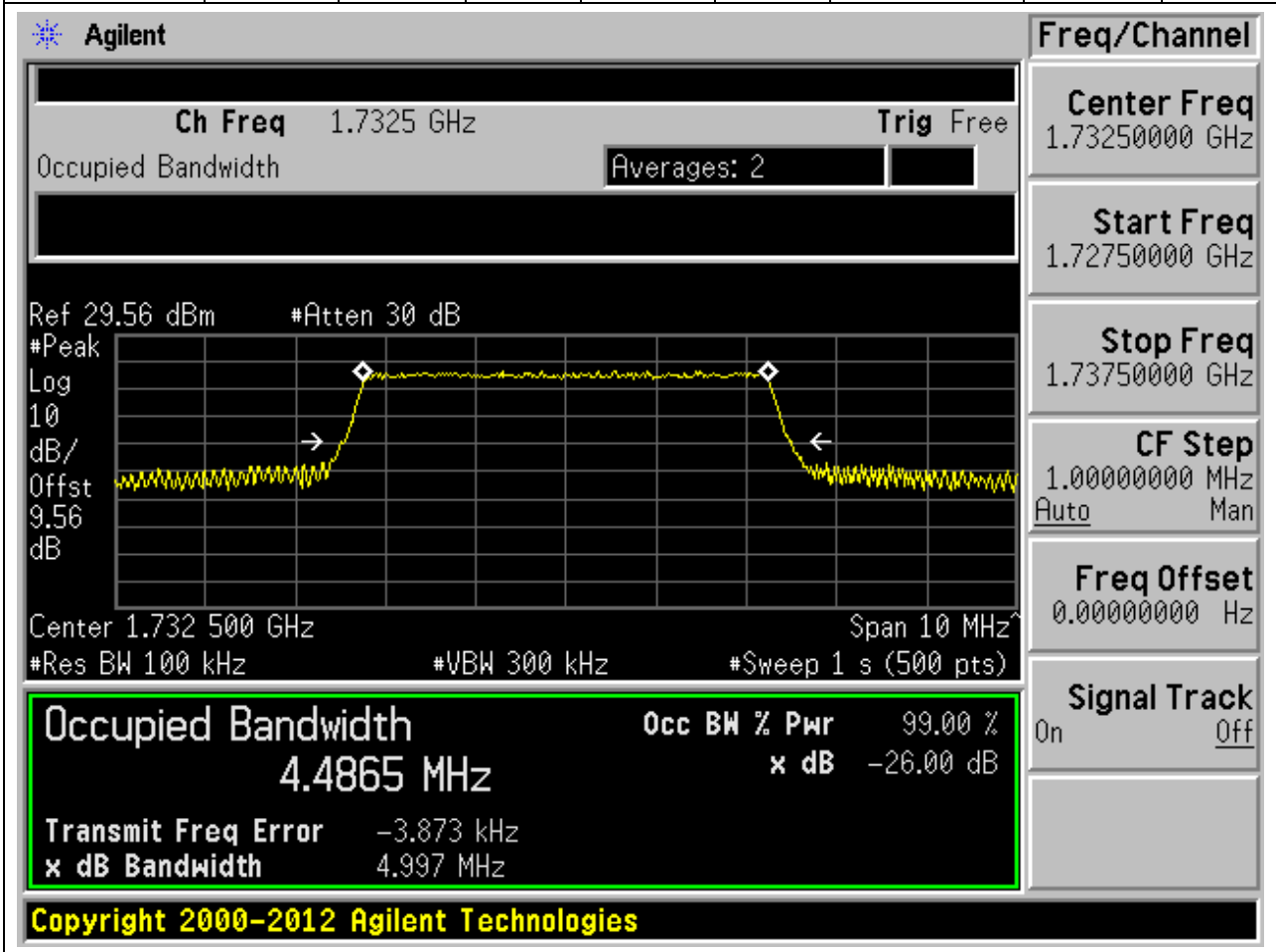
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9.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

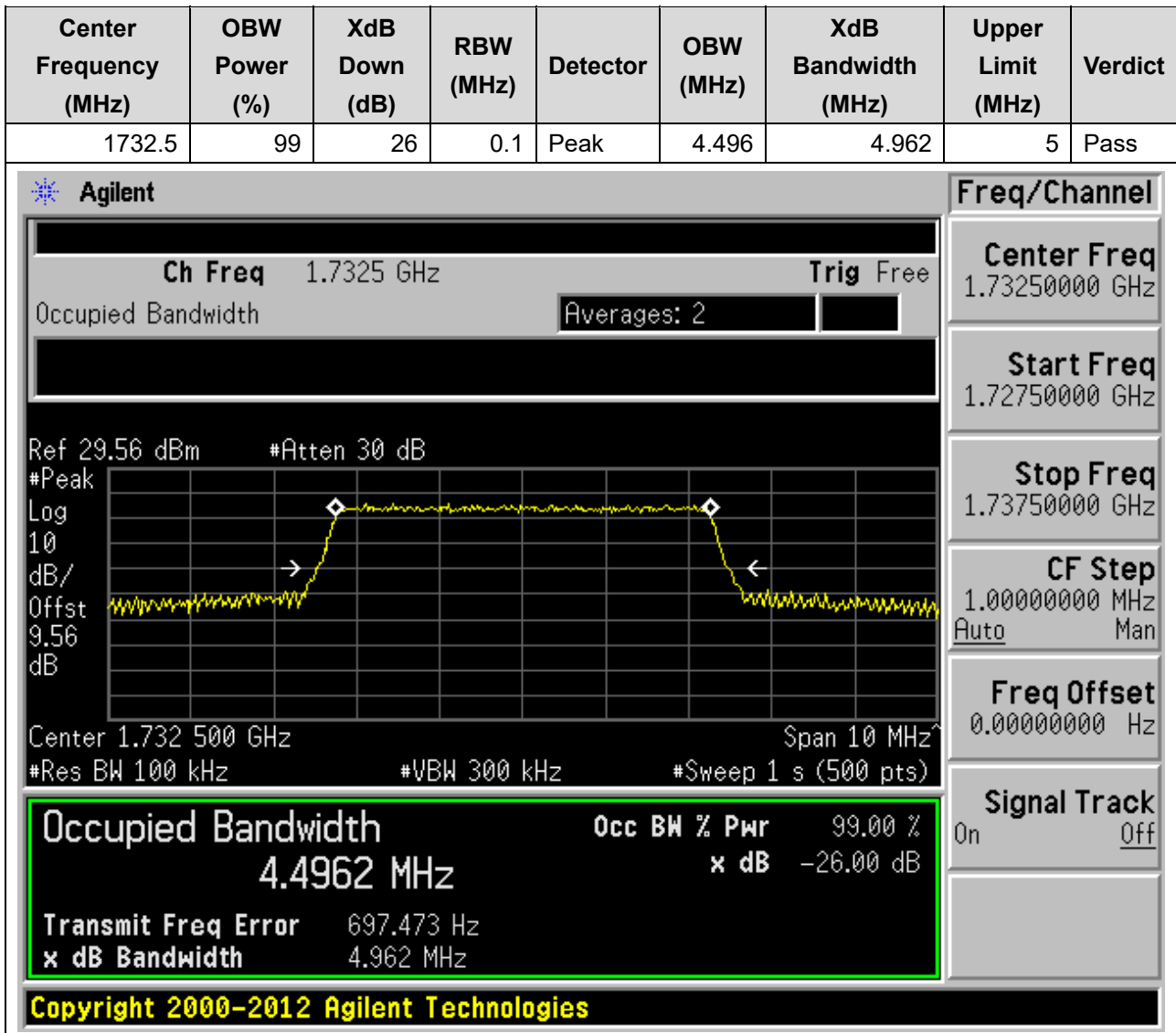


9.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	Peak	4.487	4.997	5	Pass



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	Peak	4.485	4.942	5	Pass

Agilent
Freq/Channel

Ch Freq 1.7525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.6 dBm #Atten 30 dB

Center 1.752 500 GHz Span 10 MHz

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

Center Freq 1.75250000 GHz

Start Freq 1.74750000 GHz

Stop Freq 1.75750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4851 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.257 kHz

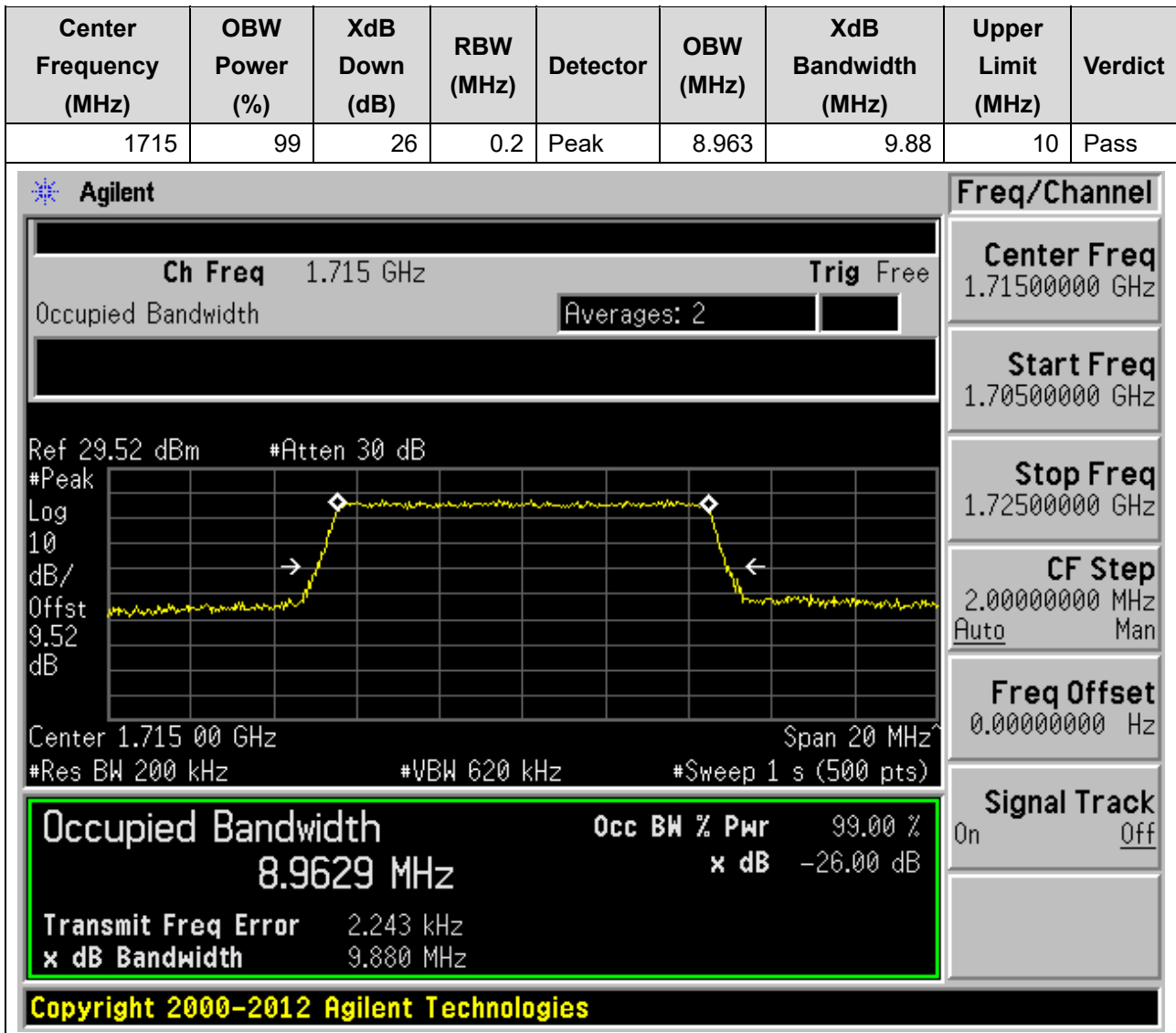
x dB Bandwidth 4.942 MHz

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

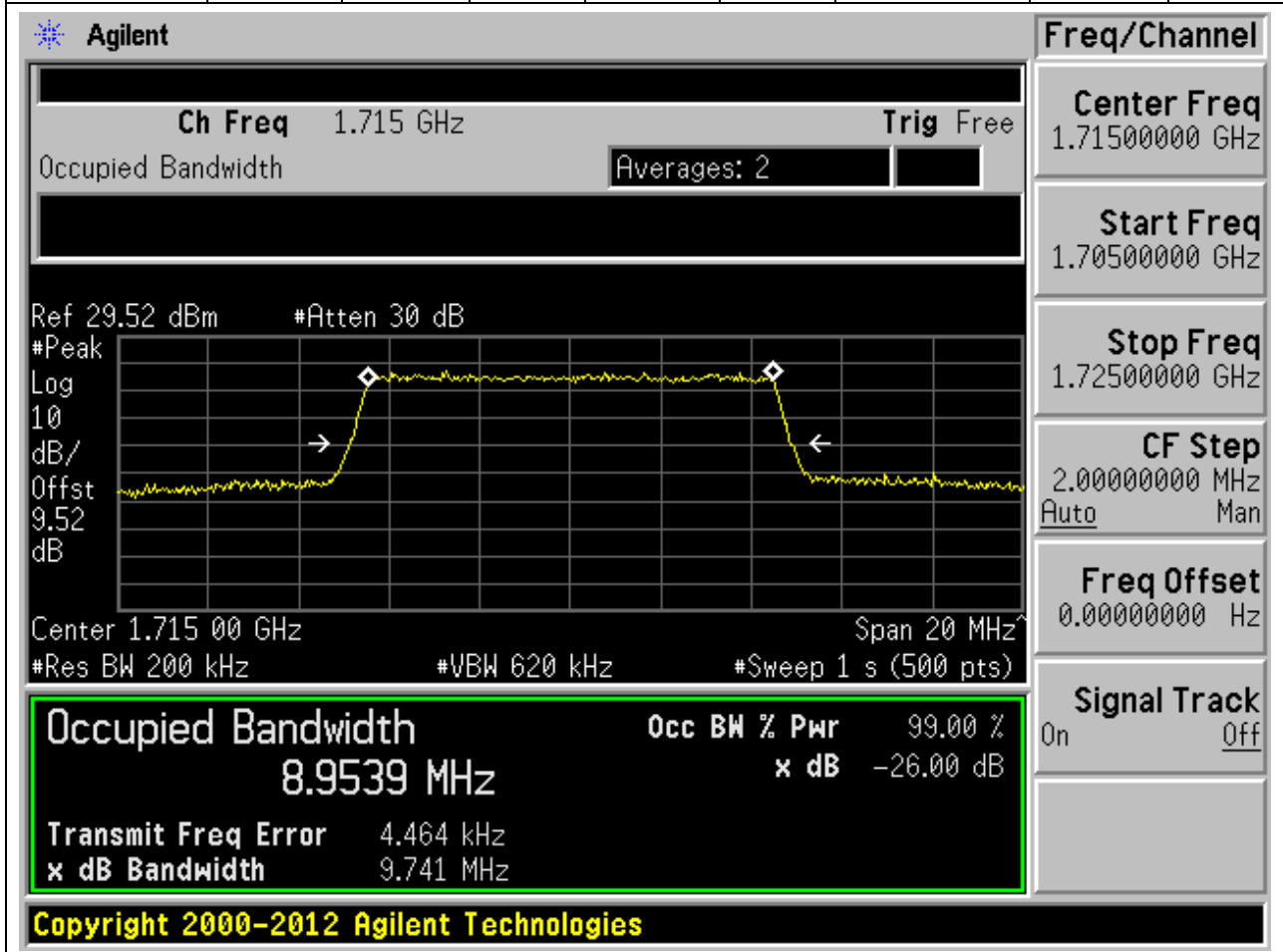


9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.954	9.741	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.959	9.727	10	Pass

Agilent

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 50 GHz Span 20 MHz

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

Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.72250000 GHz

Stop Freq 1.74250000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9586 MHz x dB -26.00 dB

Transmit Freq Error -4.157 kHz

x dB Bandwidth 9.727 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.958	9.788	10	Pass

Agilent

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 50 GHz Span 20 MHz

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

Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.72250000 GHz

Stop Freq 1.74250000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9578 MHz x dB -26.00 dB

Transmit Freq Error 3.265 kHz

x dB Bandwidth 9.788 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.964	9.806	10	Pass

Agilent

Ch Freq 1.75 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.61 dBm #Atten 30 dB

Center 1.750 00 GHz Span 20 MHz

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

Freq/Channel

Center Freq 1.75000000 GHz

Start Freq 1.74000000 GHz

Stop Freq 1.76000000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9643 MHz x dB -26.00 dB

Transmit Freq Error -3.285 kHz

x dB Bandwidth 9.806 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.962	9.875	10	Pass

Agilent

Ch Freq 1.75 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.61 dBm #Atten 30 dB

Center 1.750 00 GHz Span 20 MHz

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

Freq/Channel

Center Freq
1.75000000 GHz

Start Freq
1.74000000 GHz

Stop Freq
1.76000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9625 MHz

x dB -26.00 dB

Transmit Freq Error -5.640 kHz

x dB Bandwidth 9.875 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.441	14.688	15	Pass

Agilent
Freq/Channel

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 dBm #Atten 30 dB

Center 1.717 50 GHz Span 30 MHz

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

Center Freq 1.71750000 GHz

Start Freq 1.70250000 GHz

Stop Freq 1.73250000 GHz

CF Step 3.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4410 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 5.034 kHz

x dB Bandwidth 14.688 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.444	14.591	15	Pass

Agilent

Freq/Channel
Center Freq
1.71750000 GHz
Start Freq
1.70250000 GHz
Stop Freq
1.73250000 GHz
CF Step
3.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 dBm #Atten 30 dB

Center 1.717 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4444 MHz x dB -26.00 dB

Transmit Freq Error 3.383 kHz

x dB Bandwidth 14.591 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.407	14.63	15	Pass

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 50 GHz Span 30 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.71750000 GHz

Stop Freq 1.74750000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4070 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 3.459 kHz

x dB Bandwidth 14.630 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.438	14.67	15	Pass

Agilent

Freq/Channel
Center Freq
1.73250000 GHz
Start Freq
1.71750000 GHz
Stop Freq
1.74750000 GHz
CF Step
3.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4376 MHz x dB -26.00 dB

Transmit Freq Error 1.342 kHz

x dB Bandwidth 14.670 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.418	14.706	15	Pass

Agilent

Ch Freq 1.7475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.6 dBm #Atten 30 dB

Center 1.747 50 GHz Span 30 MHz

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

Freq/Channel

Center Freq 1.74750000 GHz

Start Freq 1.73250000 GHz

Stop Freq 1.76250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4181 MHz x dB -26.00 dB

Transmit Freq Error -7.975 kHz

x dB Bandwidth 14.706 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.453	14.675	15	Pass

Agilent
Freq/Channel

Ch Freq 1.7475 GHz **Trig** Free

Occupied Bandwidth Averages: 2

Ref 29.6 dBm #Atten 30 dB

Center 1.747 50 GHz Span 30 MHz

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

Center Freq
1.74750000 GHz

Start Freq
1.73250000 GHz

Stop Freq
1.76250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
13.4533 MHz

Transmit Freq Error -9.634 kHz

x dB Bandwidth 14.675 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.92	19.379	20	Pass

Agilent

Ch Freq 1.72 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.5 dBm #Atten 30 dB

Center 1.720 00 GHz Span 40 MHz

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

Freq/Channel

Center Freq
1.72000000 GHz

Start Freq
1.70000000 GHz

Stop Freq
1.74000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9199 MHz

x dB -26.00 dB

Transmit Freq Error -2.216 kHz

x dB Bandwidth 19.379 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.914	19.44	20	Pass

Agilent

Freq/Channel
Center Freq
1.72000000 GHz
Start Freq
1.70000000 GHz
Stop Freq
1.74000000 GHz
CF Step
4.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 1.72 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.5 dBm #Atten 30 dB

Center 1.720 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 %

17.9143 MHz x dB -26.00 dB

Transmit Freq Error 9.505 kHz

x dB Bandwidth 19.440 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.39	Peak	17.905	19.371	20	Pass

Agilent

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 50 GHz Span 40 MHz

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

Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.71250000 GHz

Stop Freq 1.75250000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9045 MHz x dB -26.00 dB

Transmit Freq Error 9.965 kHz

x dB Bandwidth 19.371 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.39	Peak	17.922	19.432	20	Pass

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.56 dBm #Atten 30 dB

Center 1.732 50 GHz Span 40 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.71250000 GHz

Stop Freq 1.75250000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

17.9222 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.623 kHz

x dB Bandwidth 19.432 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.934	19.47	20	Pass

Agilent

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.59 dBm #Atten 30 dB

Center 1.745 00 GHz Span 40 MHz

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

Freq/Channel

Center Freq 1.74500000 GHz

Start Freq 1.72500000 GHz

Stop Freq 1.76500000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9339 MHz x dB -26.00 dB

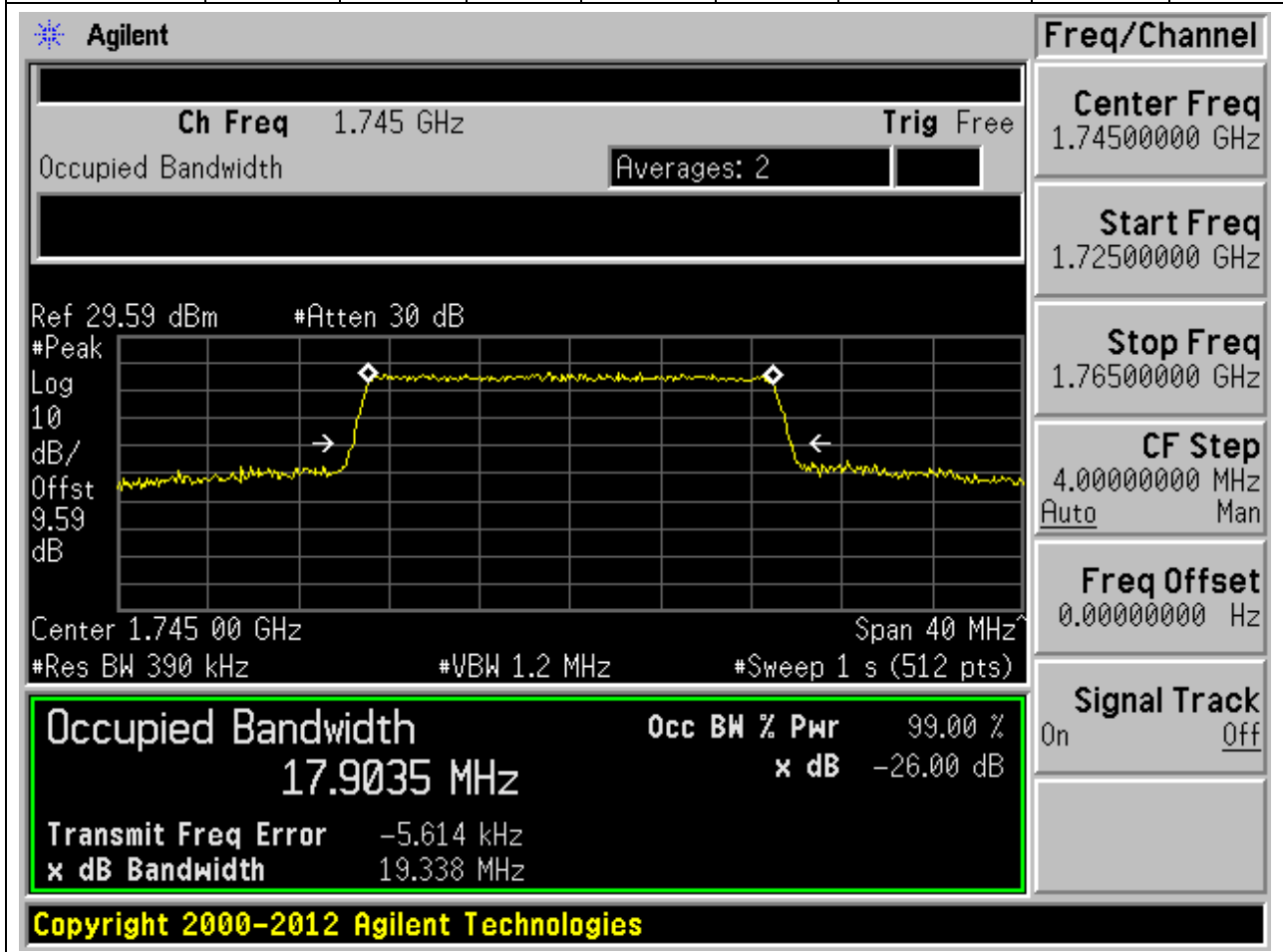
Transmit Freq Error -8.271 kHz

x dB Bandwidth 19.470 MHz

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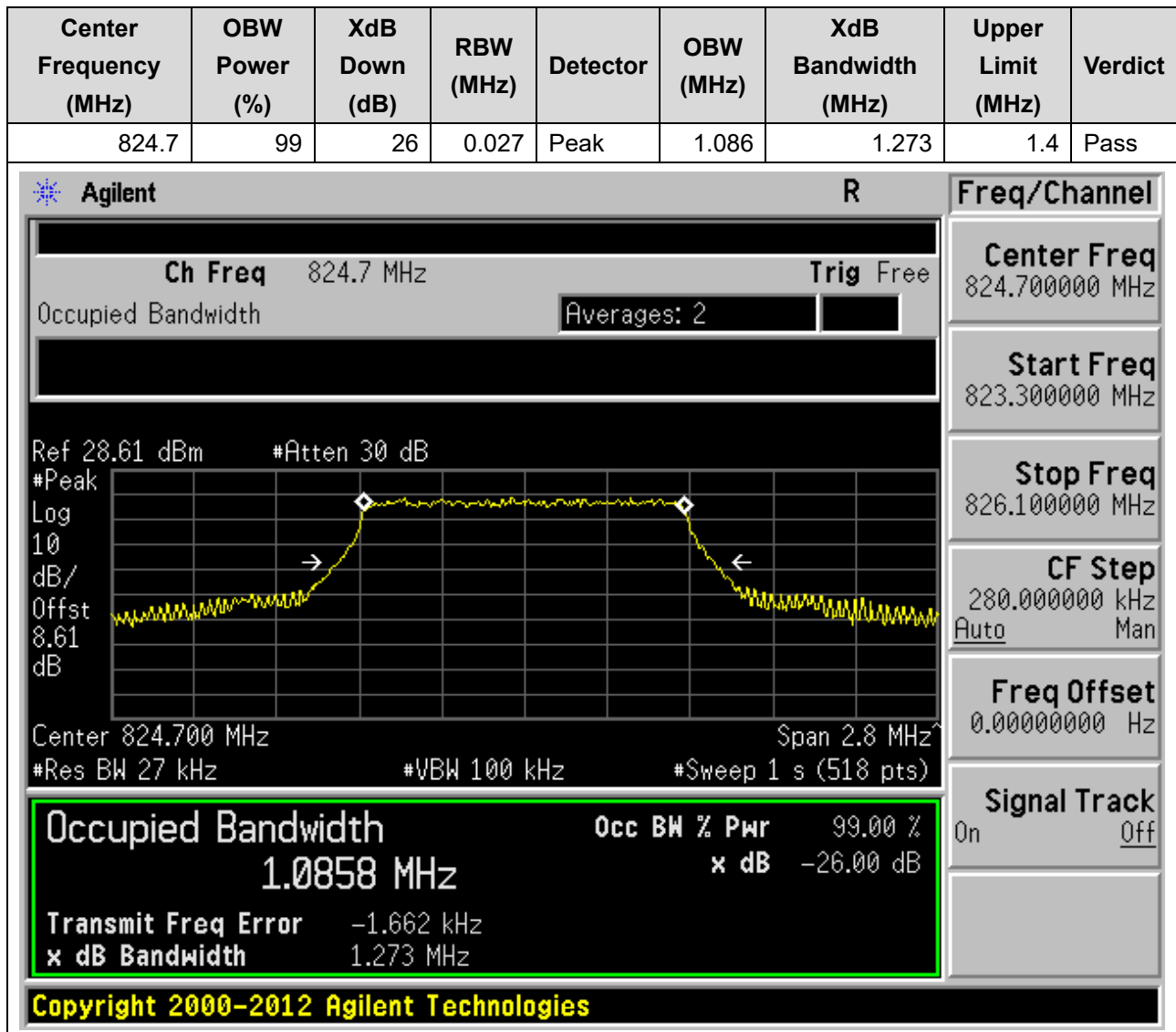
9.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.903	19.338	20	Pass

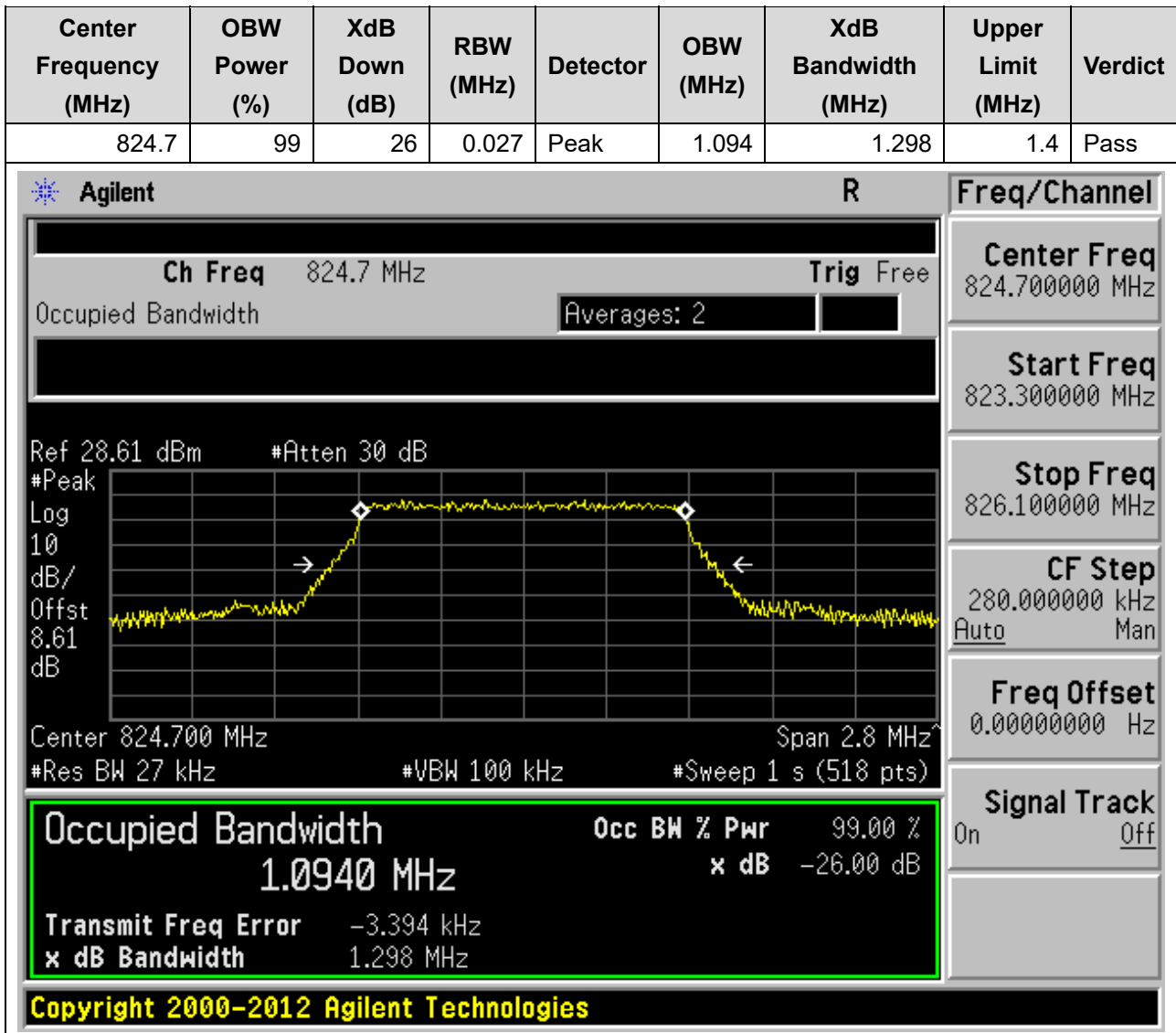


10. LTE_Band5

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



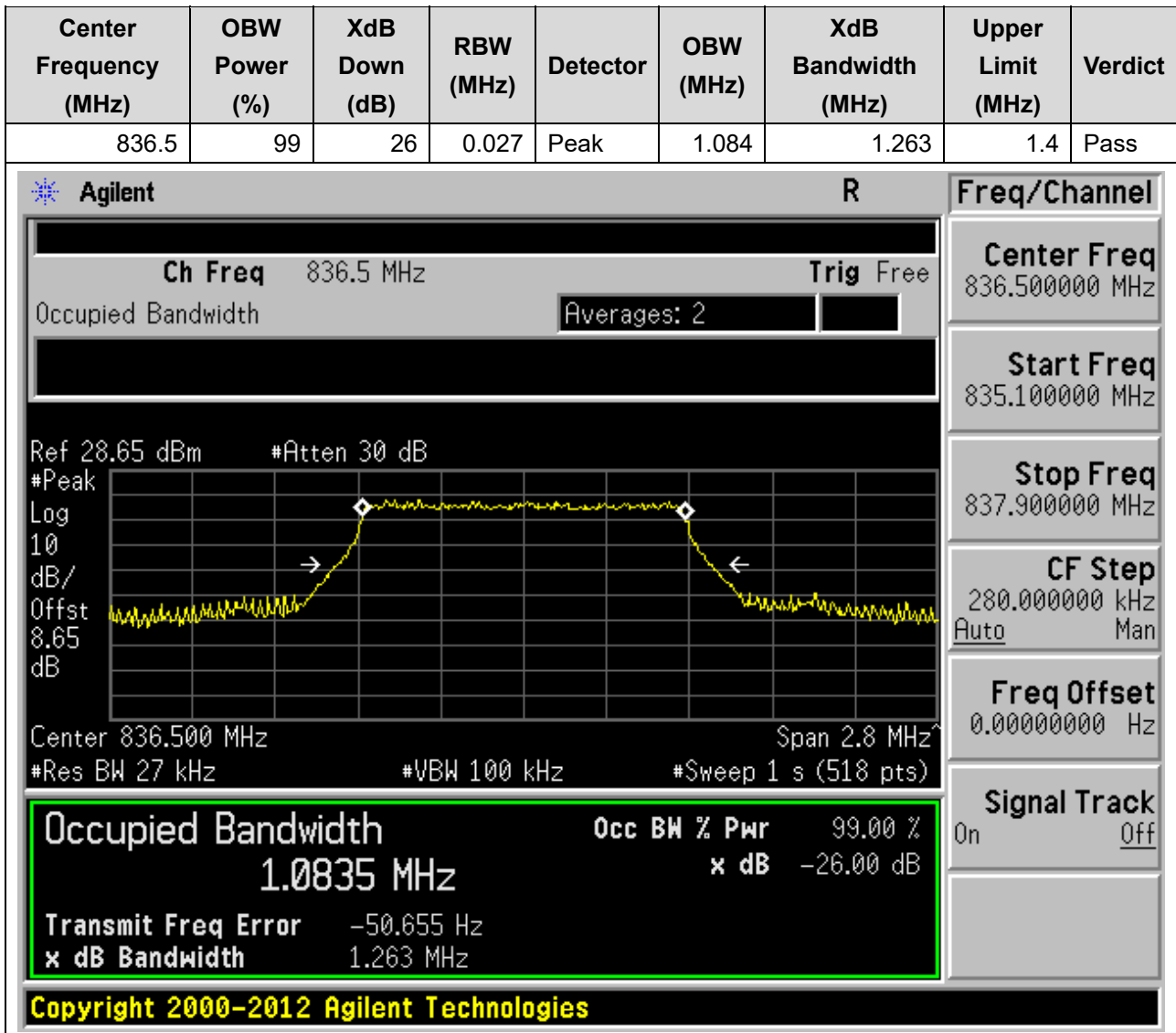
10.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



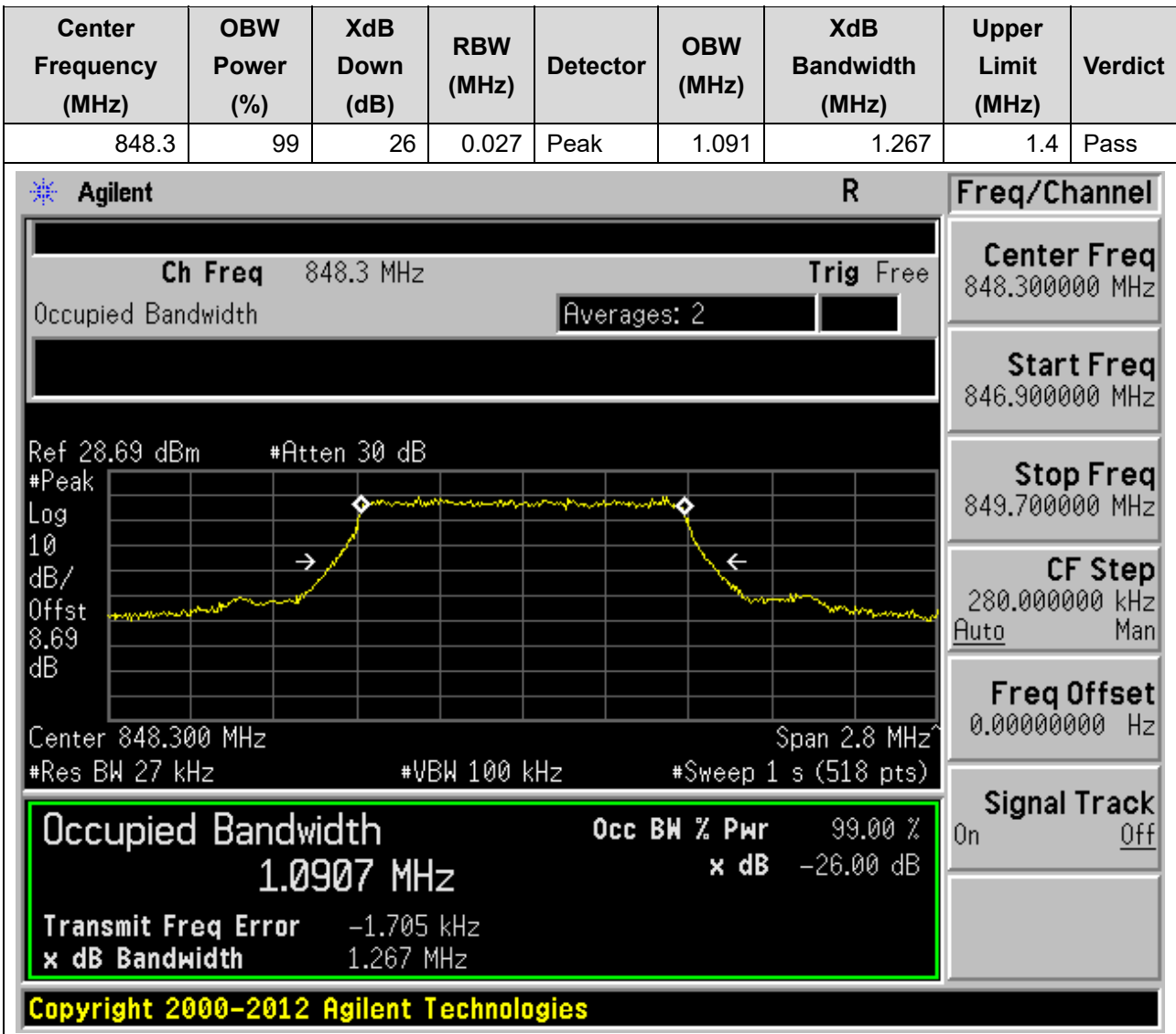
10.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.695	2.932	3	Pass

Agilent
R

Ch Freq 825.5 MHz

Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm
#Atten 30 dB

Center 825.500 MHz
Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6947 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.277 kHz	
x dB Bandwidth	2.932 MHz	

Freq/Channel

Center Freq
825.500000 MHz

Start Freq
822.500000 MHz

Stop Freq
828.500000 MHz

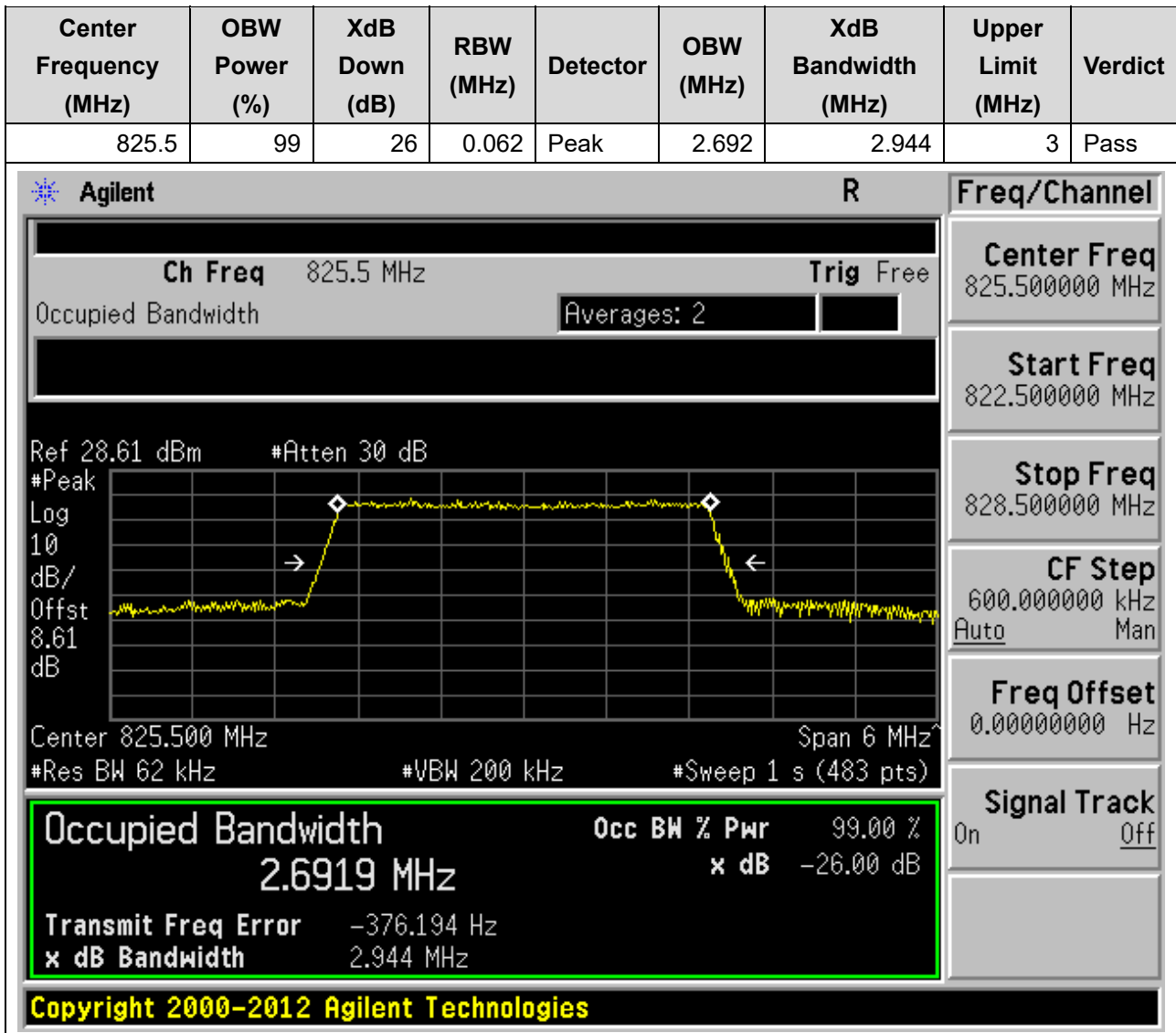
CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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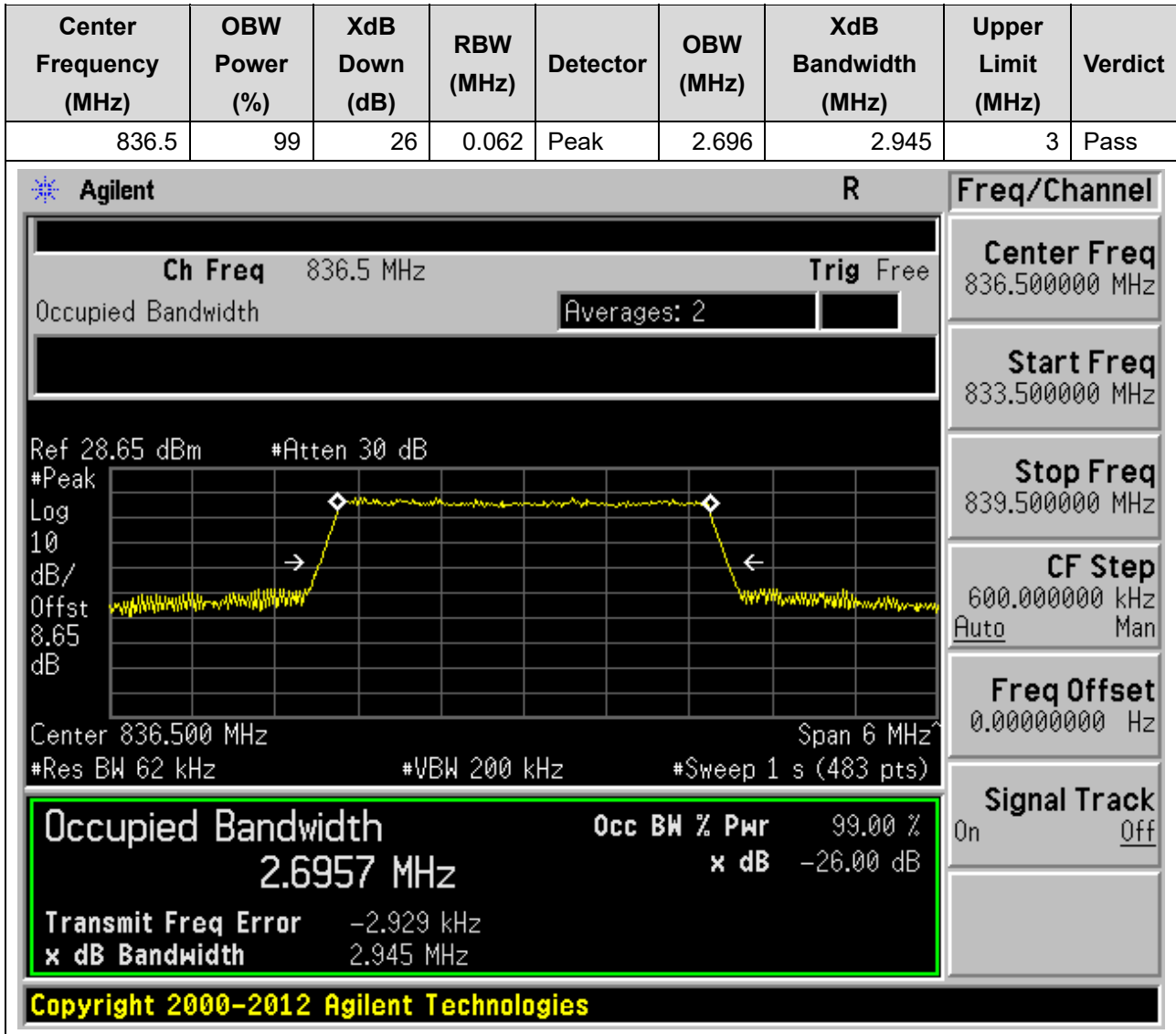
10.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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



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



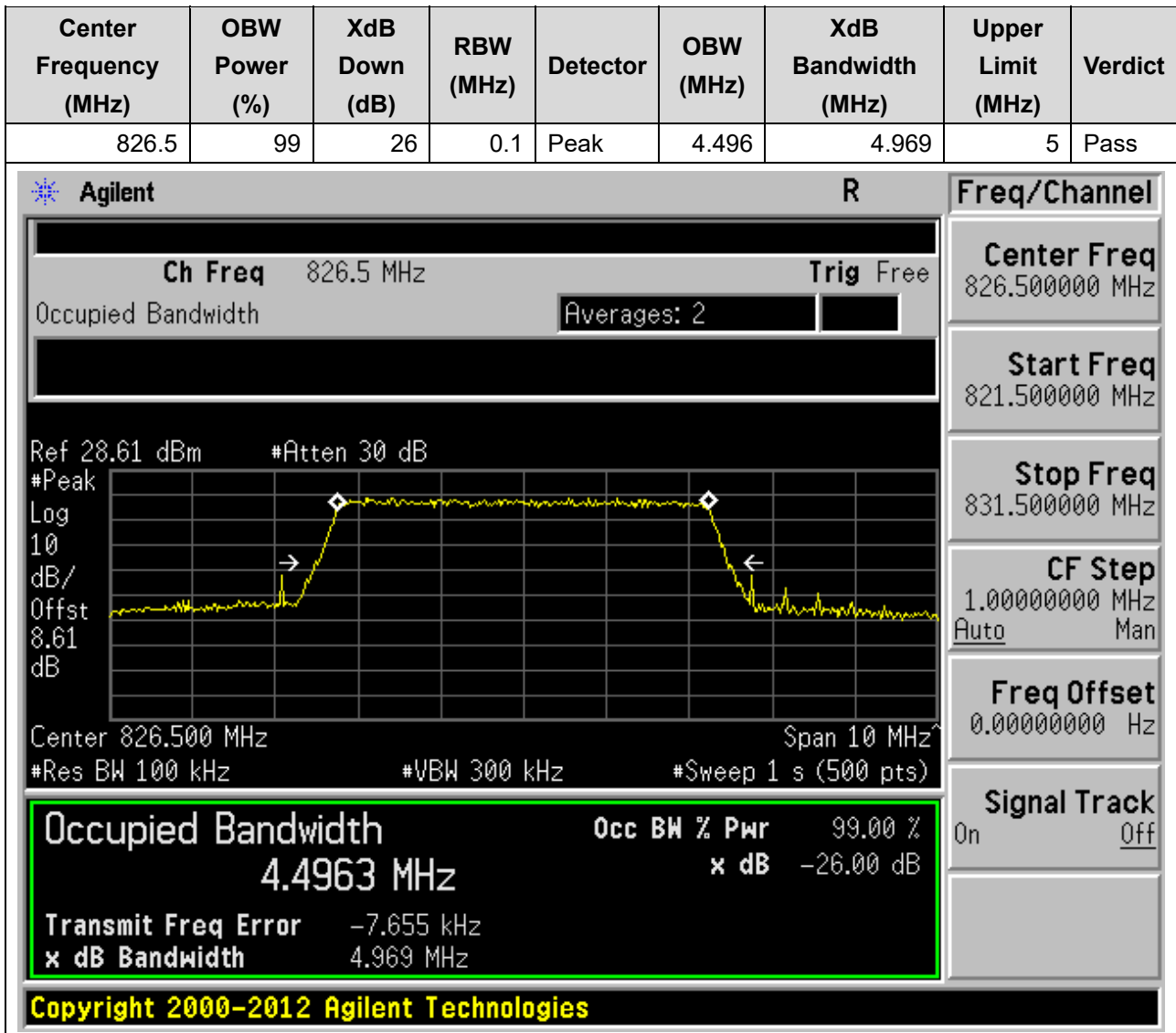
10.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.486	4.928	5	Pass

Agilent
R

Ch Freq 826.5 MHz
 Occupied Bandwidth Averages: 2

Trig Free

Ref 28.61 dBm #Atten 30 dB

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4856 MHz	x dB	-26.00 dB
Transmit Freq Error	-6.636 kHz	
x dB Bandwidth	4.928 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

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



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

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	4.494	4.972	5	Pass

Agilent
R

Ch Freq 836.5 MHz

Occupied Bandwidth

Trig Free

Averages: 2

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

Ref 28.65 dBm #Atten 30 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 %

4.4944 MHz x dB -26.00 dB

Transmit Freq Error -3.270 kHz

x dB Bandwidth 4.972 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.491	4.939	5	Pass

Agilent
R

Ch Freq 846.5 MHz

Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm
#Atten 30 dB

Center 846.500 MHz
Span 10 MHz

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

Occupied Bandwidth
4.4907 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -1.293 kHz
x dB Bandwidth 4.939 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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.495	4.946	5	Pass

Agilent
R

Ch Freq 846.5 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Freq/Channel

Center Freq 846.500000 MHz

Start Freq 841.500000 MHz

Stop Freq 851.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.68 dBm #Atten 30 dB

Center 846.500 MHz Span 10 MHz

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

Occupied Bandwidth 4.4949 MHz

Occ BW % Pwr 99.00 %

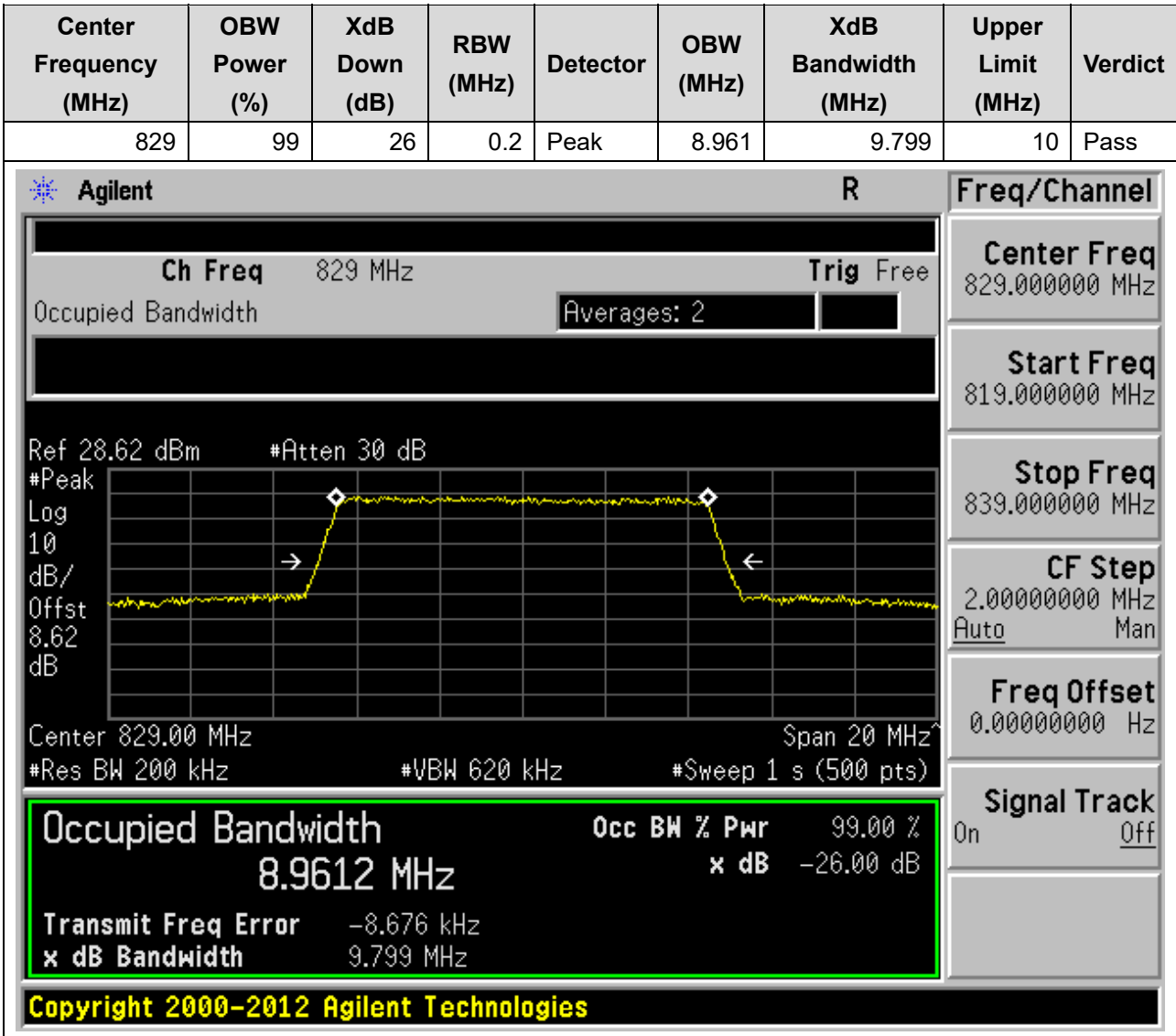
x dB -26.00 dB

Transmit Freq Error -2.884 kHz

x dB Bandwidth 4.946 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.959	9.773	10	Pass

Agilent
R

Ch Freq 829 MHz

Occupied Bandwidth

Trig Free

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 28.62 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.62 dB

Center 829.00 MHz Span 20 MHz

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

Occupied Bandwidth 8.9589 MHz

Occ BW % Pwr 99.00 %

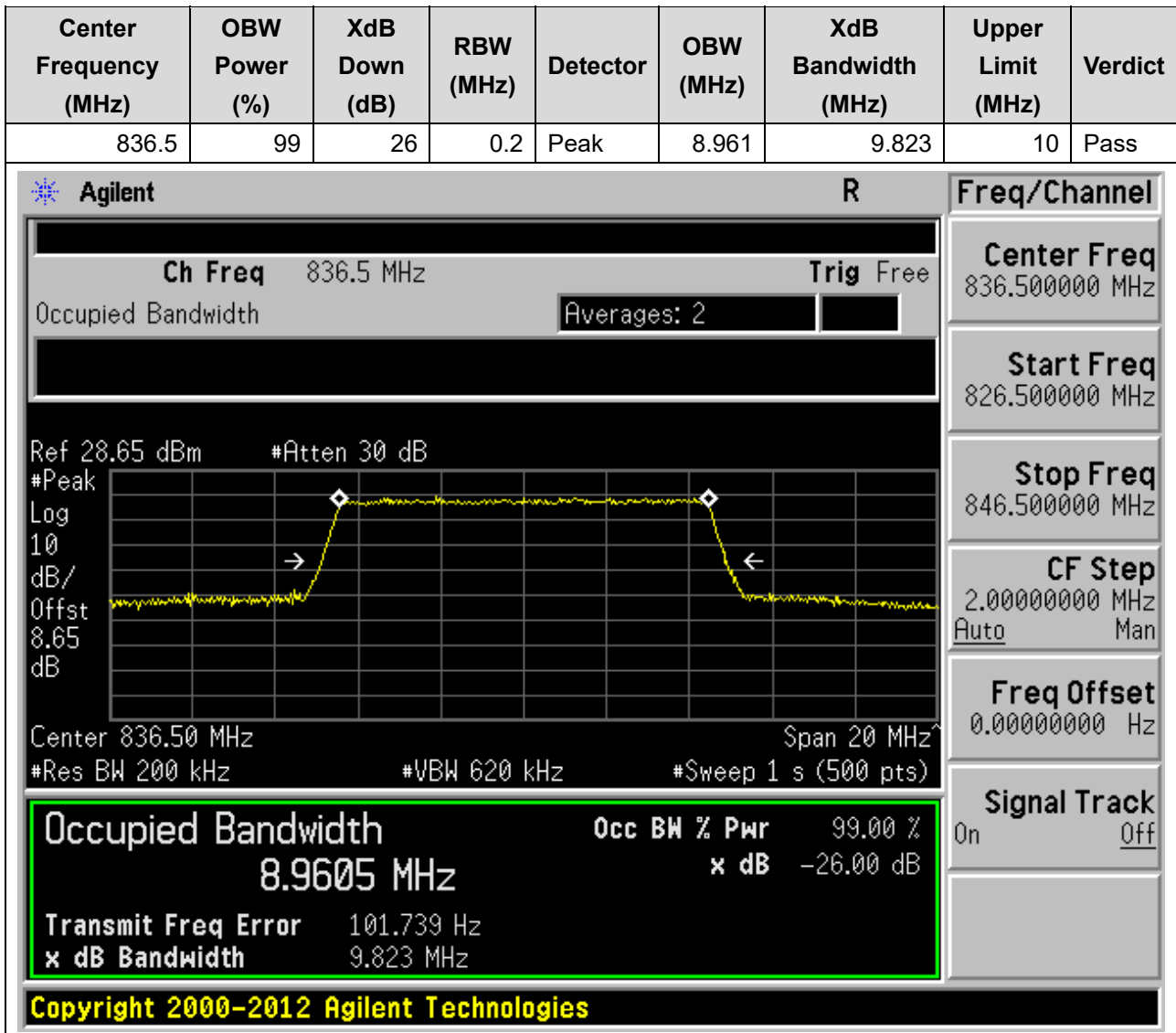
x dB -26.00 dB

Transmit Freq Error -4.051 kHz

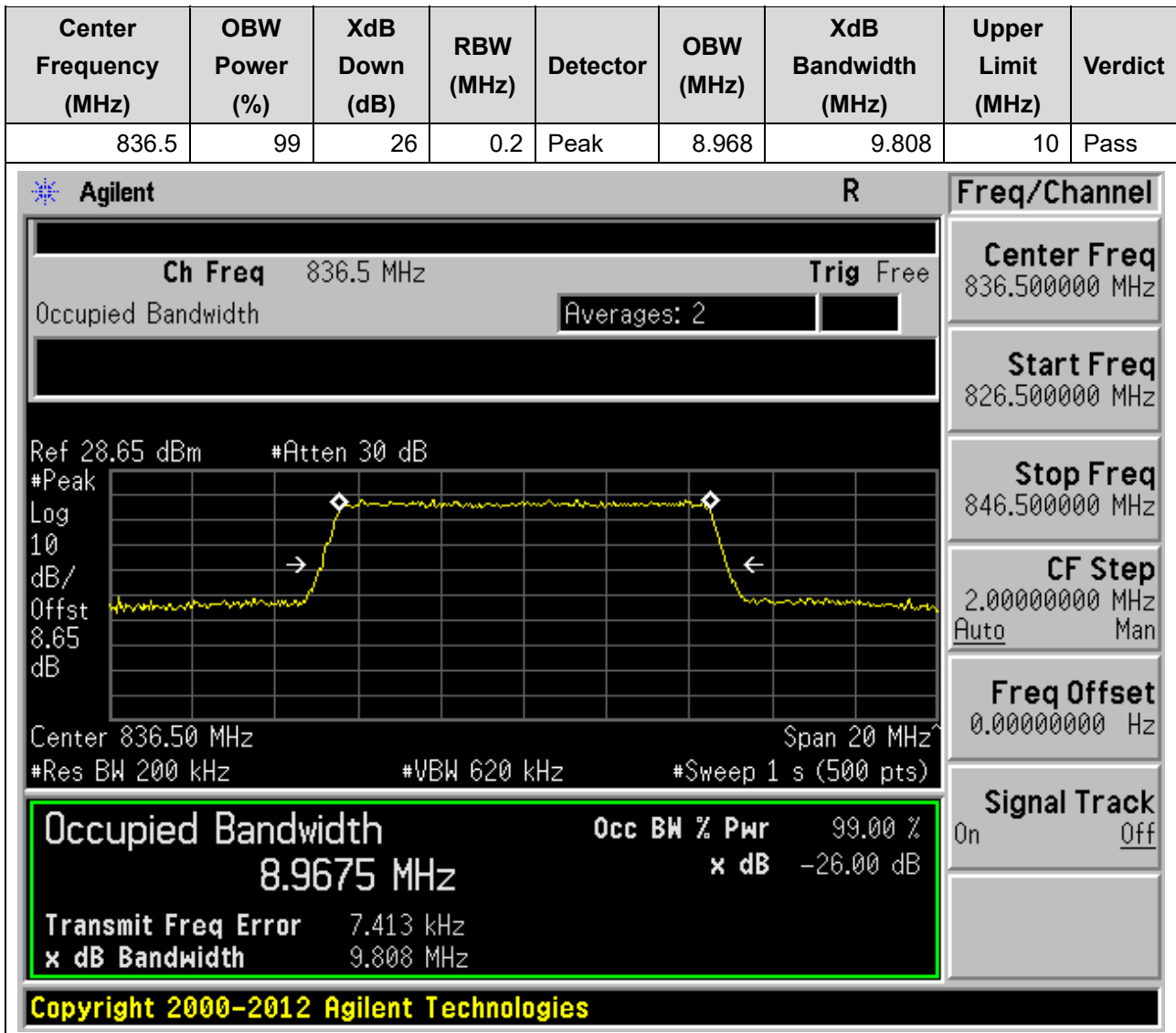
x dB Bandwidth 9.773 MHz

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.957	9.749	10	Pass

Agilent
R

Ch Freq 844 MHz

Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm #Atten 30 dB
 #Peak
 Log
 10
 dB/
 Offst
 8.68
 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 %
8.9572 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.489 kHz	
x dB Bandwidth	9.749 MHz	

Signal Track
 On Off

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Freq/Channel

Center Freq
844.000000 MHz

Start Freq
834.000000 MHz

Stop Freq
854.000000 MHz

CF Step
2.00000000 MHz
Auto Man

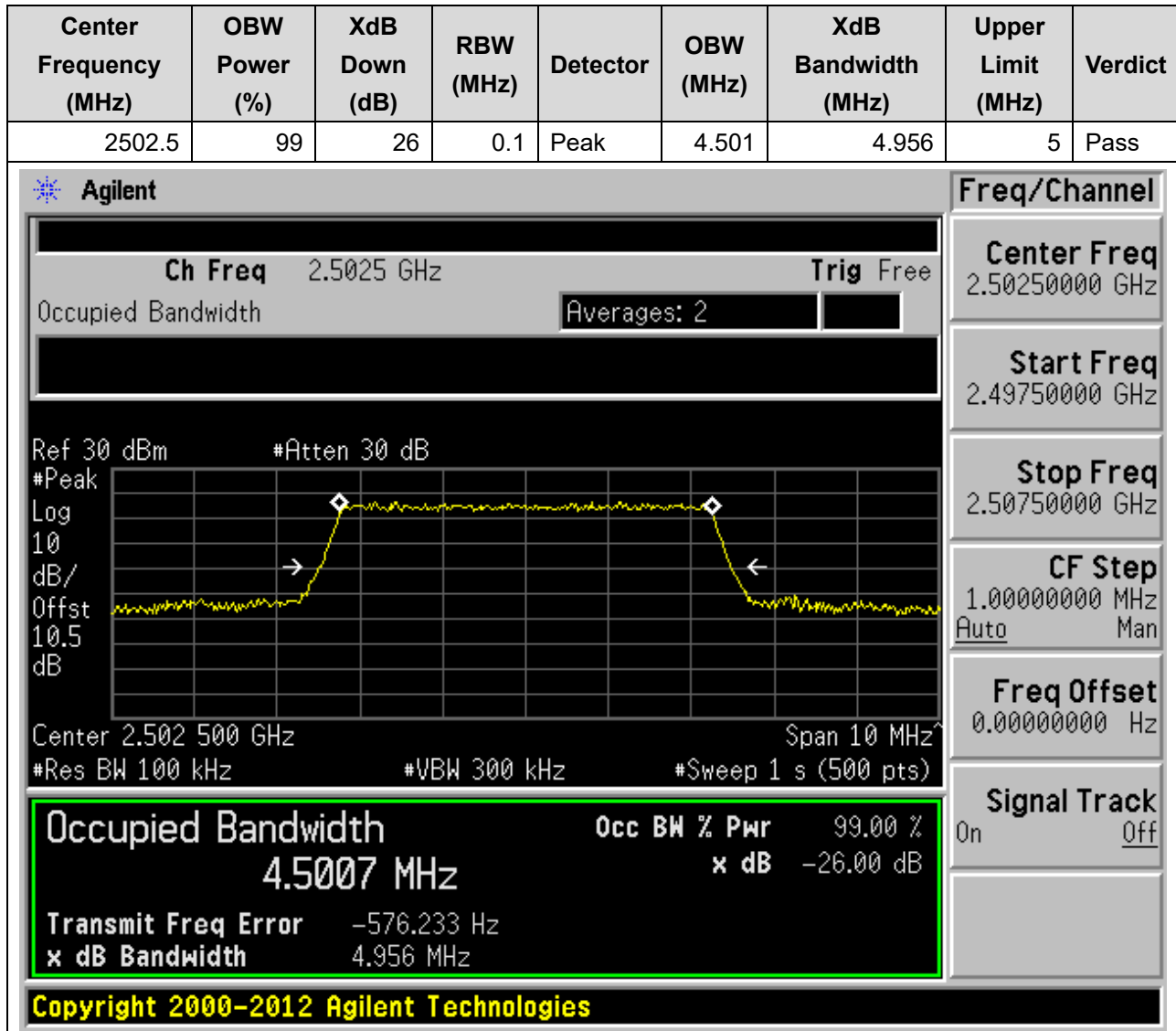
Freq Offset
0.00000000 Hz

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

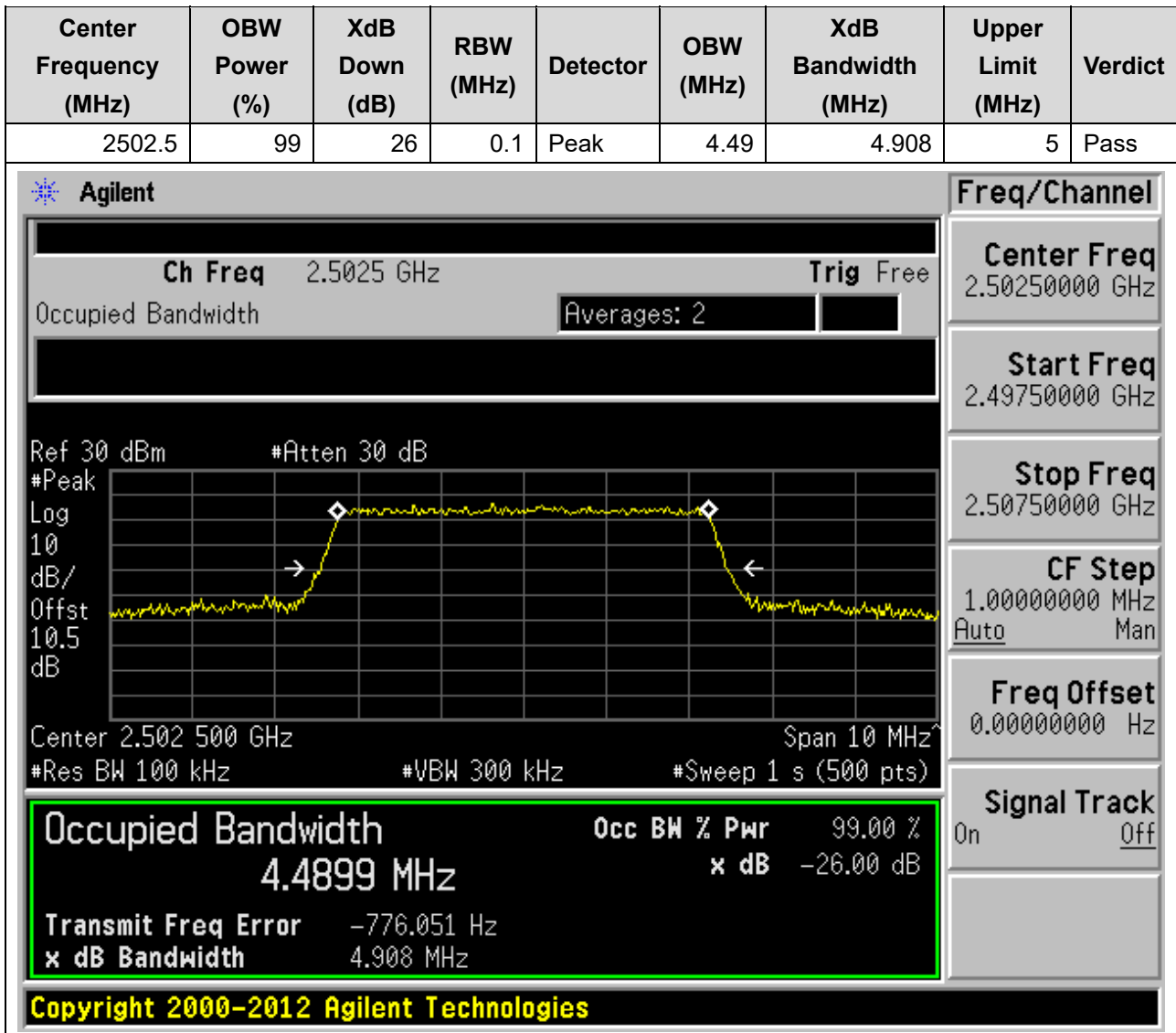


11. LTE_Band7

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.493	4.965	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz. The occupied bandwidth is 4.4933 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The transmit frequency error is 379.727 Hz, and the XdB bandwidth is 4.965 MHz. The interface includes various control panels and a summary table.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4933 MHz		x dB	-26.00 dB
Transmit Freq Error	379.727 Hz		
x dB Bandwidth	4.965 MHz		

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.493	4.963	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the occupied bandwidth. The central frequency is 2.535 GHz. The occupied bandwidth is 4.4935 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 665.176 Hz, and the XdB bandwidth is 4.963 MHz. The interface also shows various settings such as Res BW (100 kHz), VBW (300 kHz), and Span (10 MHz).

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4935 MHz		x dB	-26.00 dB
Transmit Freq Error	665.176 Hz		
x dB Bandwidth	4.963 MHz		

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.487	4.944	5	Pass

Agilent
Freq/Channel

Ch Freq 2.5675 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 30 dBm #Atten 30 dB

Center 2.567 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4866 MHz	x dB	-26.00 dB
Transmit Freq Error	1.976 kHz	
x dB Bandwidth	4.944 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.497	4.996	5	Pass

Agilent

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 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 %

4.4966 MHz

x dB -26.00 dB

Transmit Freq Error 510.765 Hz

x dB Bandwidth 4.996 MHz

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

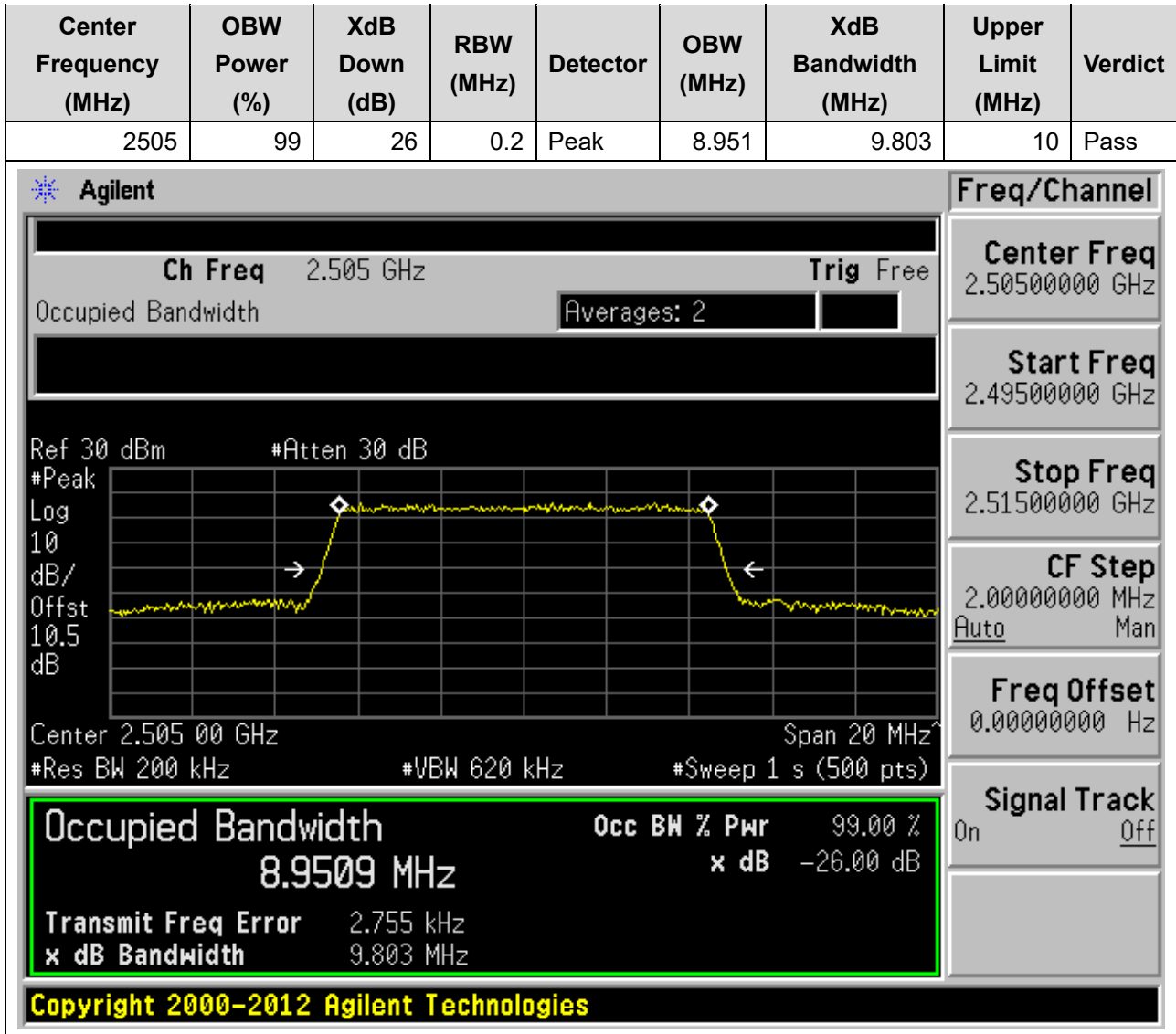
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2505	99	26	0.2	Peak	8.973	9.841	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.505 GHz and a span of 20 MHz. The resolution bandwidth (RBW) is 200 kHz, and the video bandwidth (VBW) is 620 kHz. The plot shows a signal with a peak at approximately 2.505 GHz. The occupied bandwidth is measured as 8.9727 MHz, and the power is 99.00% at -26.00 dB. The transmit frequency error is 2.097 kHz. The upper limit is 10 MHz. The signal track is turned on.

Occupied Bandwidth		Occ BW % Pwr
8.9727 MHz	99.00 %	
Transmit Freq Error		2.097 kHz
x dB Bandwidth		9.841 MHz
		x dB -26.00 dB

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.2	Peak	8.959	9.819	10	Pass

Agilent

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 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 %

8.9591 MHz x dB -26.00 dB

Transmit Freq Error 1.633 kHz

x dB Bandwidth 9.819 MHz

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Freq/Channel

Center Freq 2.53500000 GHz

Start Freq 2.52500000 GHz

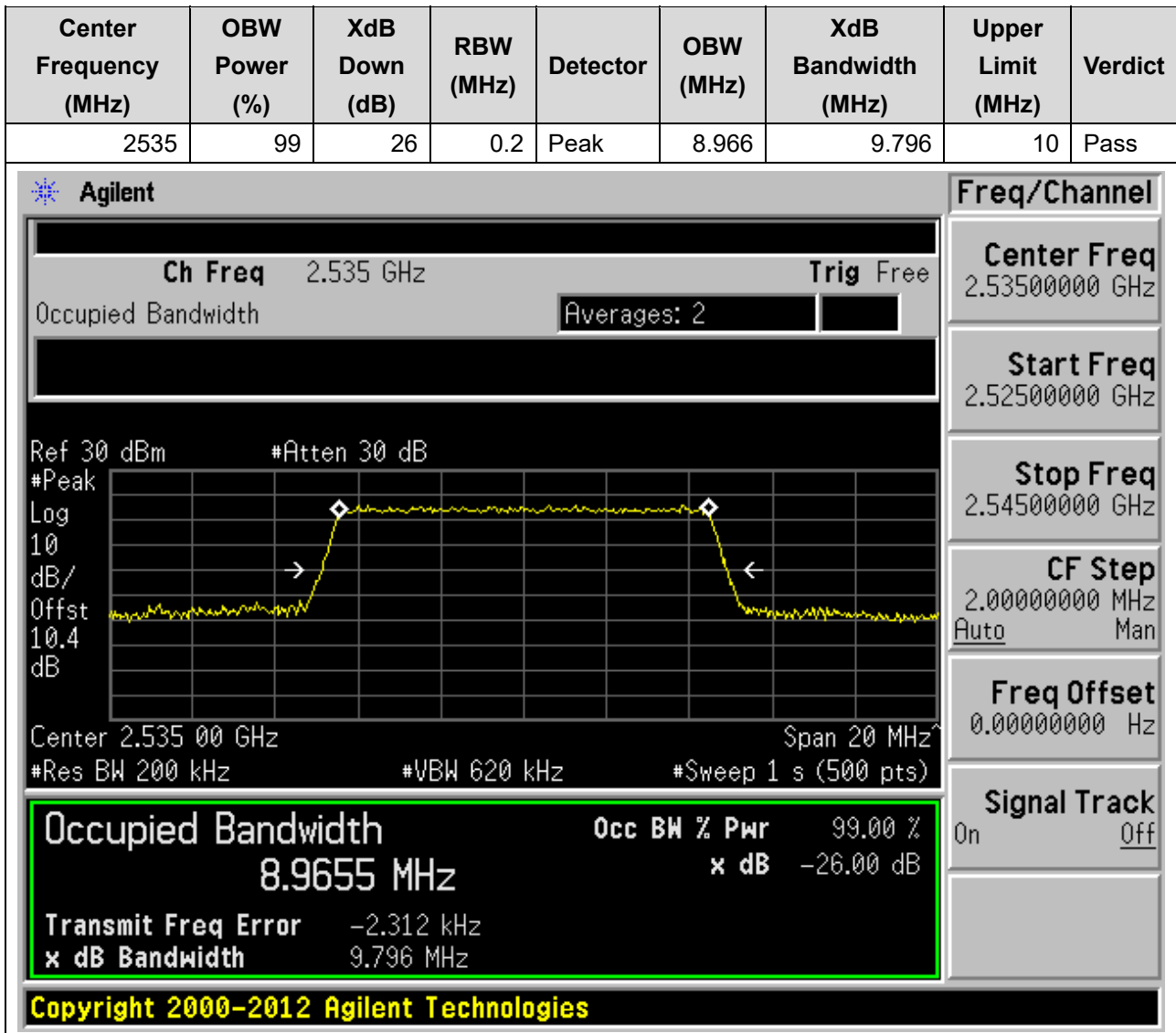
Stop Freq 2.54500000 GHz

CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.957	9.82	10	Pass

Agilent

Ch Freq 2.565 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 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 %

8.9572 MHz x dB -26.00 dB

Transmit Freq Error -5.044 kHz

x dB Bandwidth 9.820 MHz

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Freq/Channel

Center Freq
2.56500000 GHz

Start Freq
2.55500000 GHz

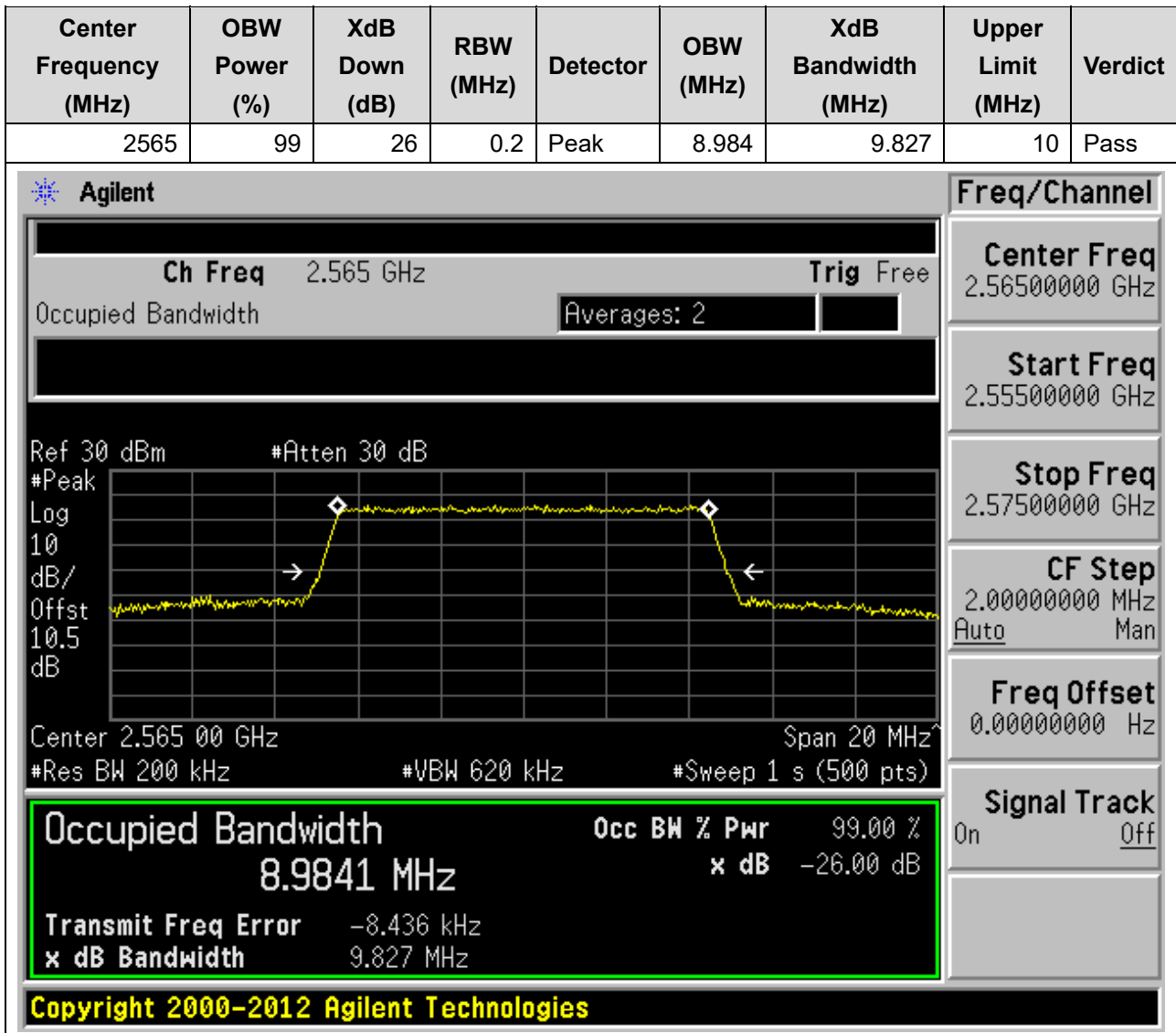
Stop Freq
2.57500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.3	Peak	13.445	14.763	15	Pass

Agilent

Ch Freq 2.5075 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 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 %

13.4455 MHz x dB -26.00 dB

Transmit Freq Error -918.439 Hz

x dB Bandwidth 14.763 MHz

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Freq/Channel

Center Freq 2.50750000 GHz

Start Freq 2.49250000 GHz

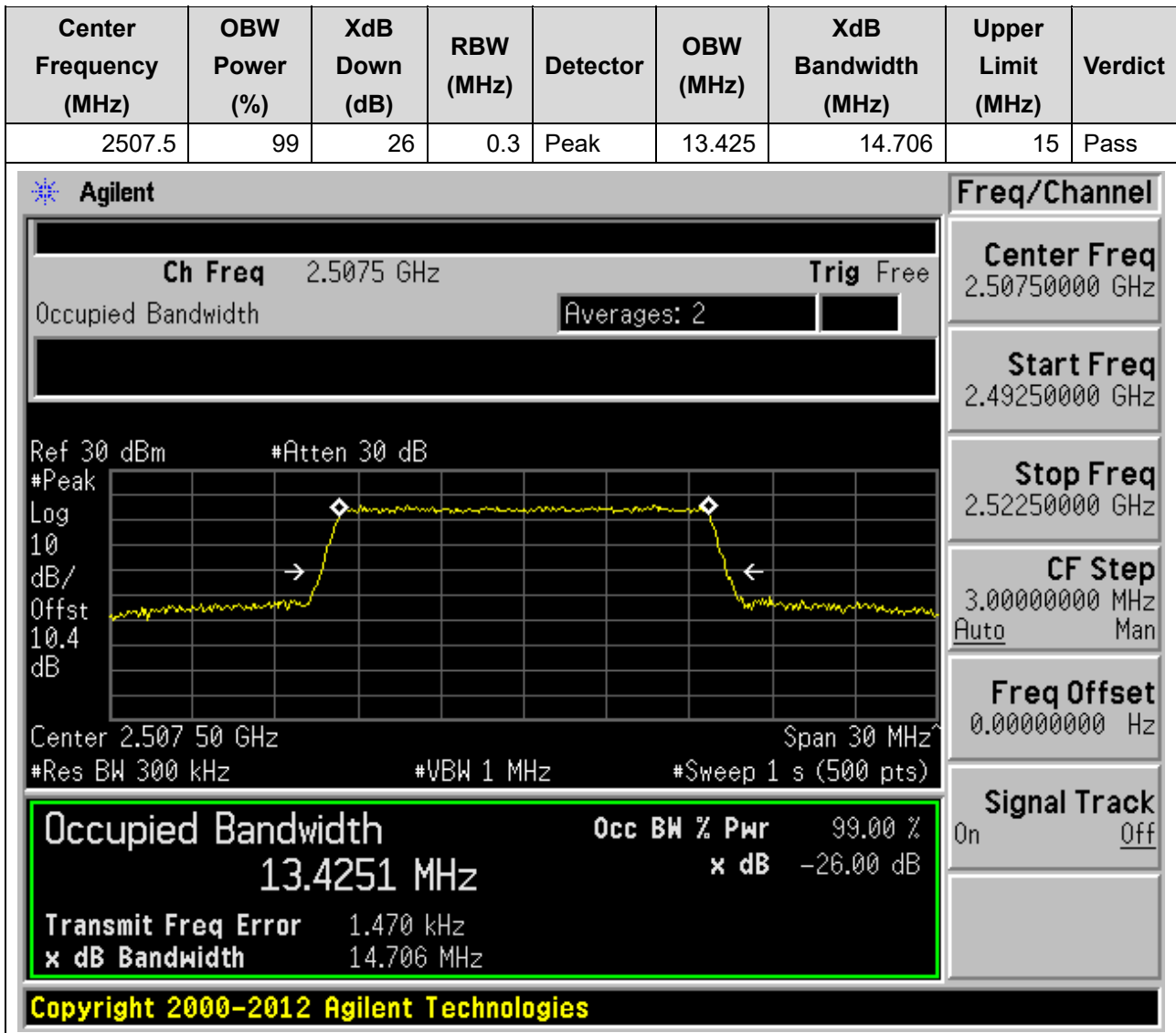
Stop Freq 2.52250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.3	Peak	13.421	14.604	15	Pass

Agilent

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4210 MHz x dB -26.00 dB

Transmit Freq Error 6.858 kHz

x dB Bandwidth 14.604 MHz

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Freq/Channel

Center Freq
2.53500000 GHz

Start Freq
2.52000000 GHz

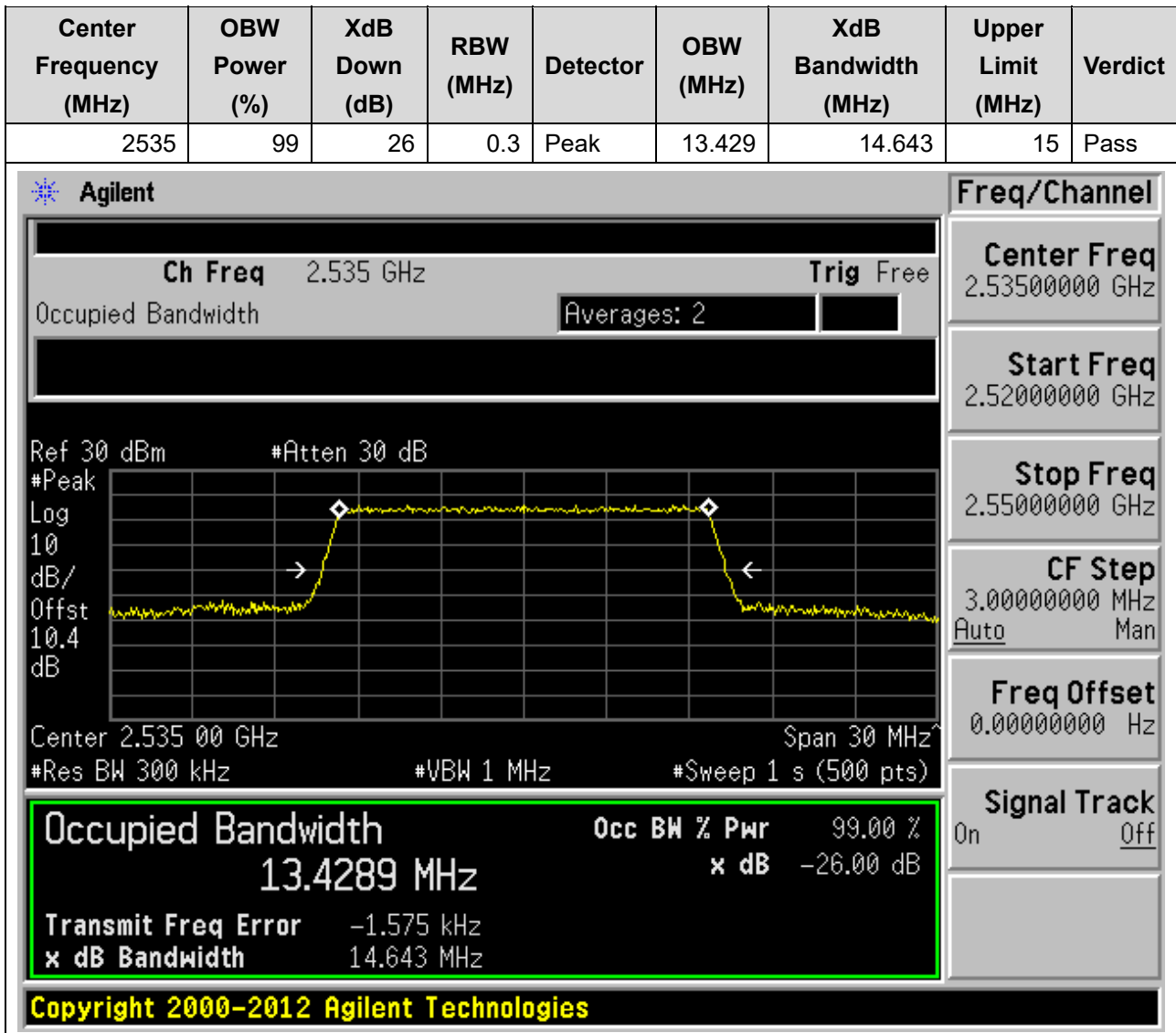
Stop Freq
2.55000000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.426	14.737	15	Pass

Agilent
Freq/Channel

Ch Freq 2.5625 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 30 dBm #Atten 30 dB

Center 2.562 50 GHz Span 30 MHz

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

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

13.4257 MHz **x dB** -26.00 dB

Transmit Freq Error -7.905 kHz

x dB Bandwidth 14.737 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.3	Peak	13.451	14.67	15	Pass

Agilent

Ch Freq 2.5625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.562 50 GHz Span 30 MHz

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

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

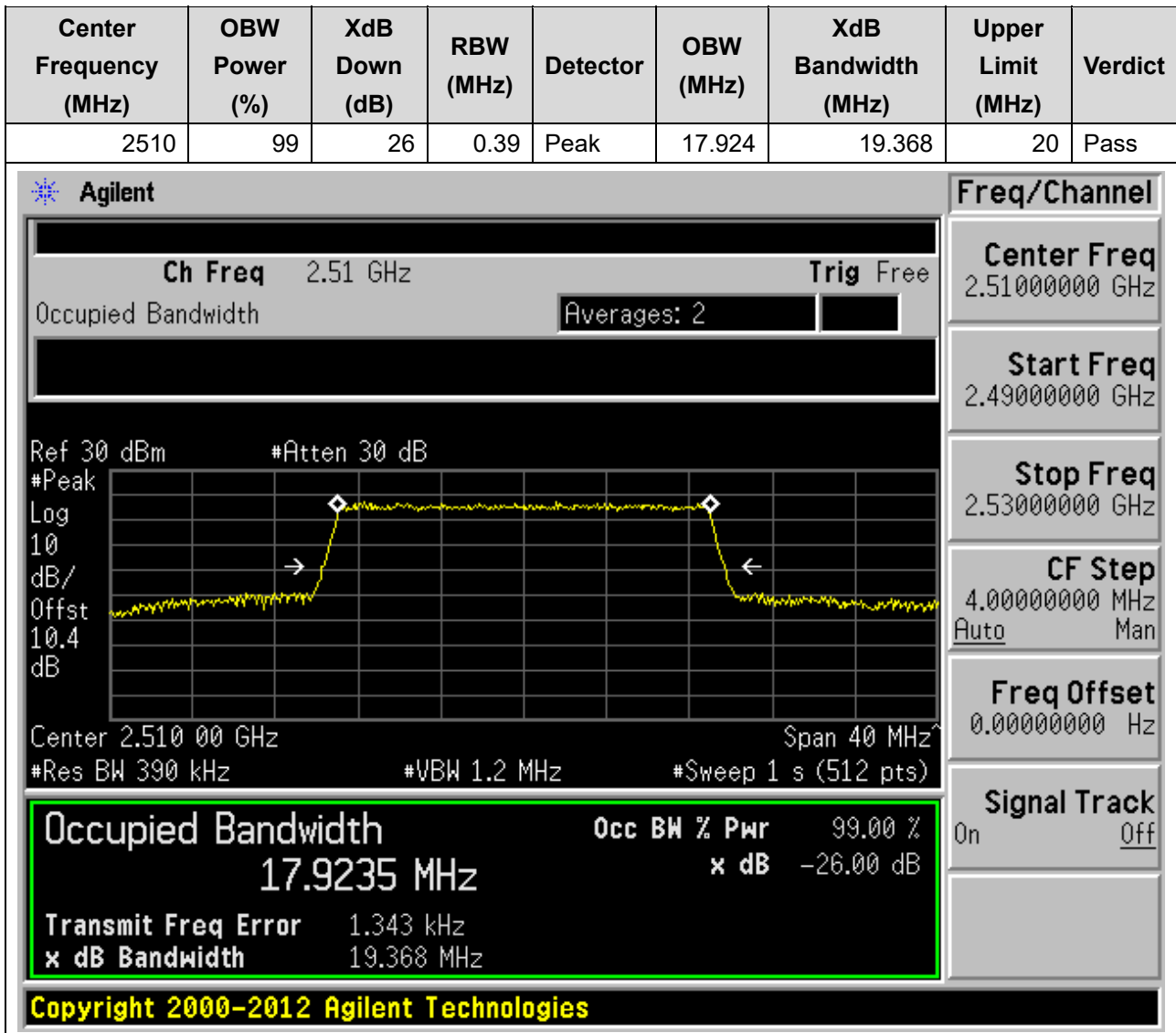
13.4509 MHz x dB -26.00 dB

Transmit Freq Error -3.232 kHz

x dB Bandwidth 14.670 MHz

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



11.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2510	99	26	0.39	Peak	17.922	19.365	20	Pass

Agilent
Freq/Channel

Ch Freq 2.51 GHz Trig Free

Occupied Bandwidth Averages: 2

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

Occupied Bandwidth

17.9225 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.779 kHz

x dB Bandwidth 19.365 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.39	Peak	17.925	19.403	20	Pass

Agilent

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 40 MHz

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

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

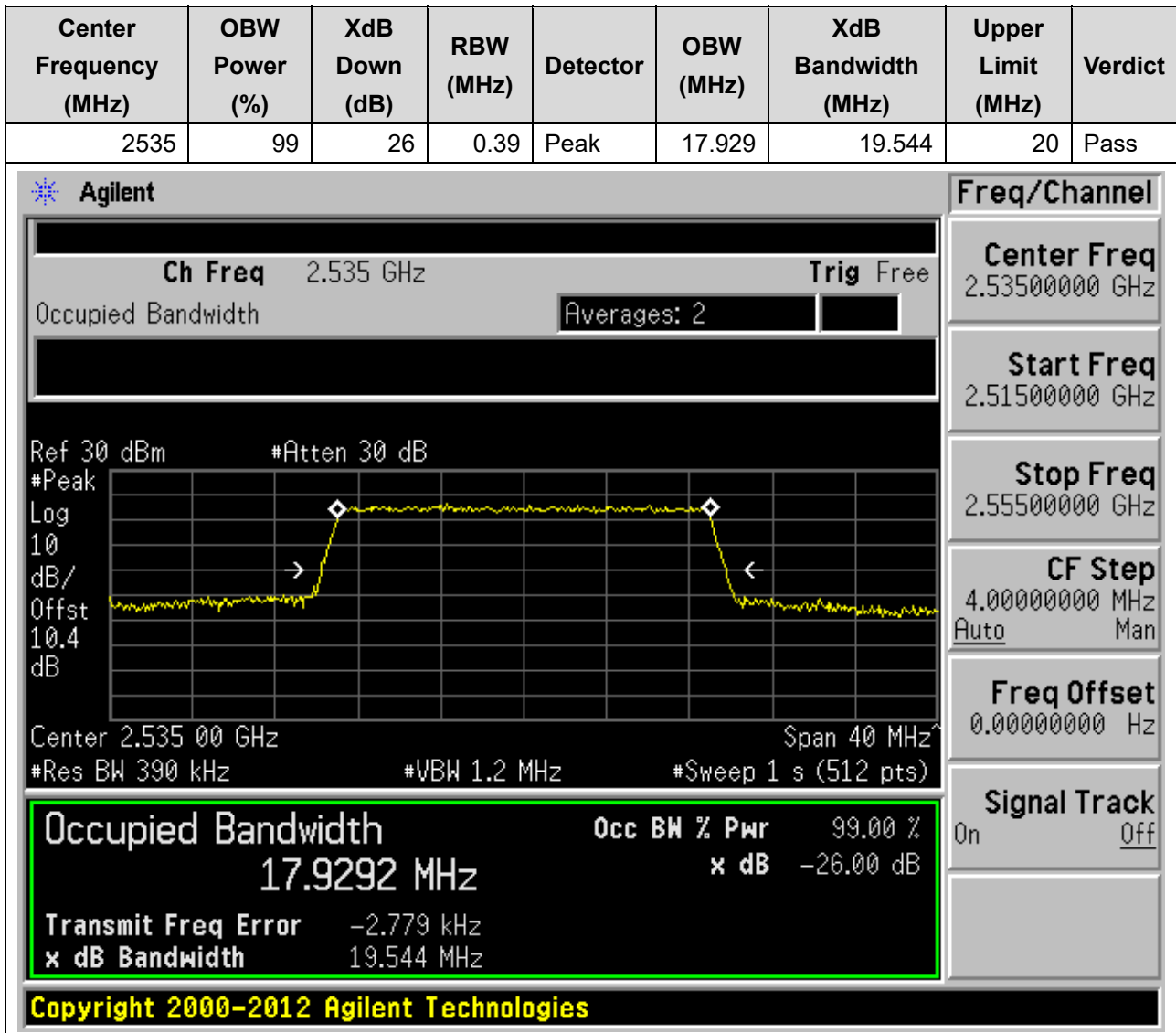
17.9246 MHz x dB -26.00 dB

Transmit Freq Error 38.377 kHz

x dB Bandwidth 19.403 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.918	19.392	20	Pass

Agilent

Ch Freq 2.56 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 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 %

17.9184 MHz x dB -26.00 dB

Transmit Freq Error -2.188 kHz

x dB Bandwidth 19.392 MHz

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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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.914	19.396	20	Pass

Agilent
Freq/Channel

Ch Freq 2.56 GHz Trig Free

Occupied Bandwidth Averages: 2

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

Ref 30 dBm #Atten 30 dB

Center 2.560 00 GHz Span 40 MHz

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

Occupied Bandwidth

17.9142 MHz

Transmit Freq Error 7.098 kHz

x dB Bandwidth 19.396 MHz

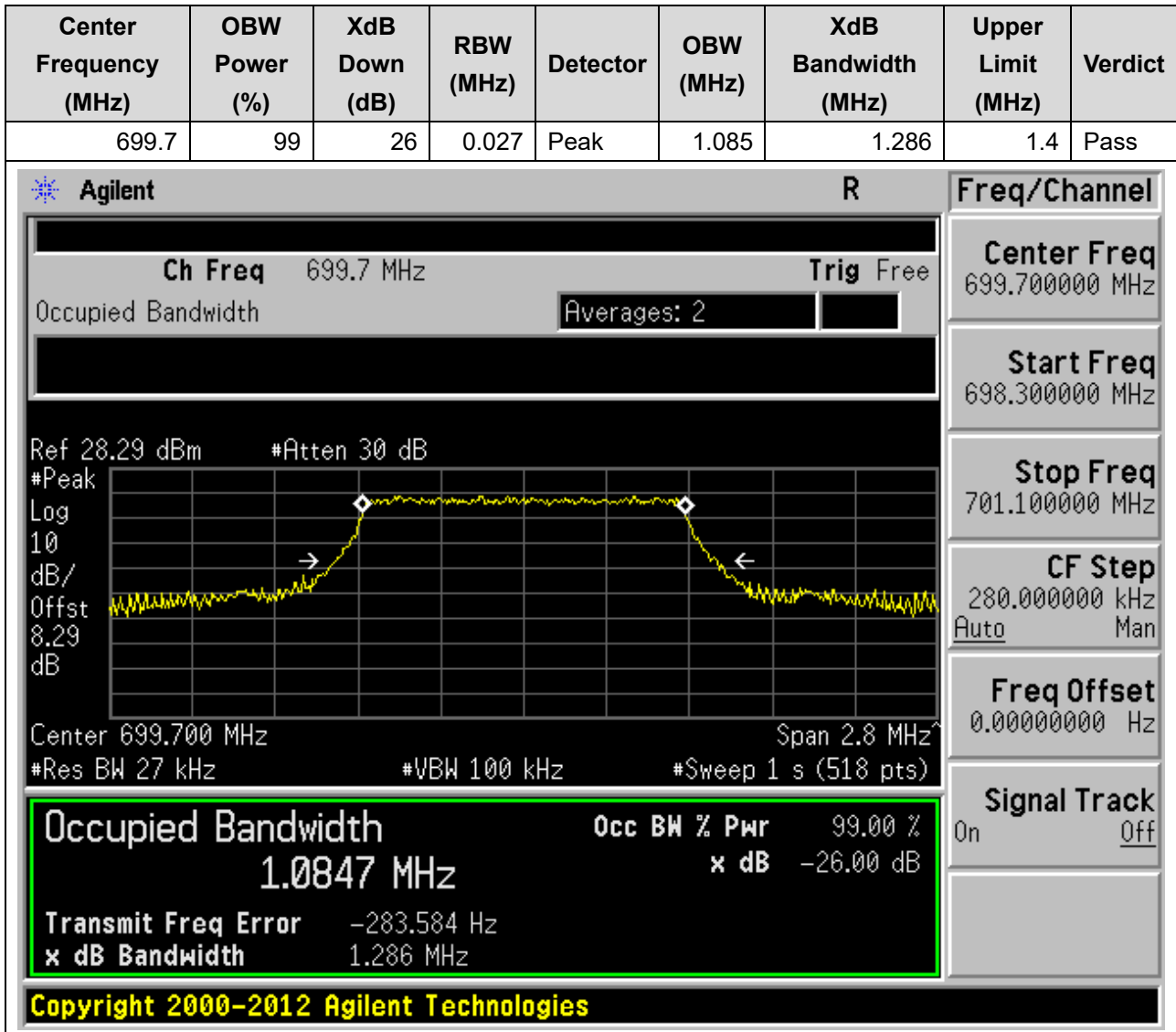
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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12. LTE_Band12

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
699.7	99	26	0.027	Peak	1.092	1.3	1.4	Pass

Agilent
R

Ch Freq 699.7 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Freq/Channel

Center Freq 699.700000 MHz

Start Freq 698.300000 MHz

Stop Freq 701.100000 MHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.29 dBm #Atten 30 dB

Center 699.700 MHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0921 MHz

x dB -26.00 dB

Transmit Freq Error -3.807 kHz

x dB Bandwidth 1.300 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.027	Peak	1.086	1.294	1.4	Pass

Agilent
R

Ch Freq 707.5 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Freq/Channel

Center Freq 707.500000 MHz

Start Freq 706.100000 MHz

Stop Freq 708.900000 MHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.31 dBm #Atten 30 dB

Center 707.500 MHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0856 MHz

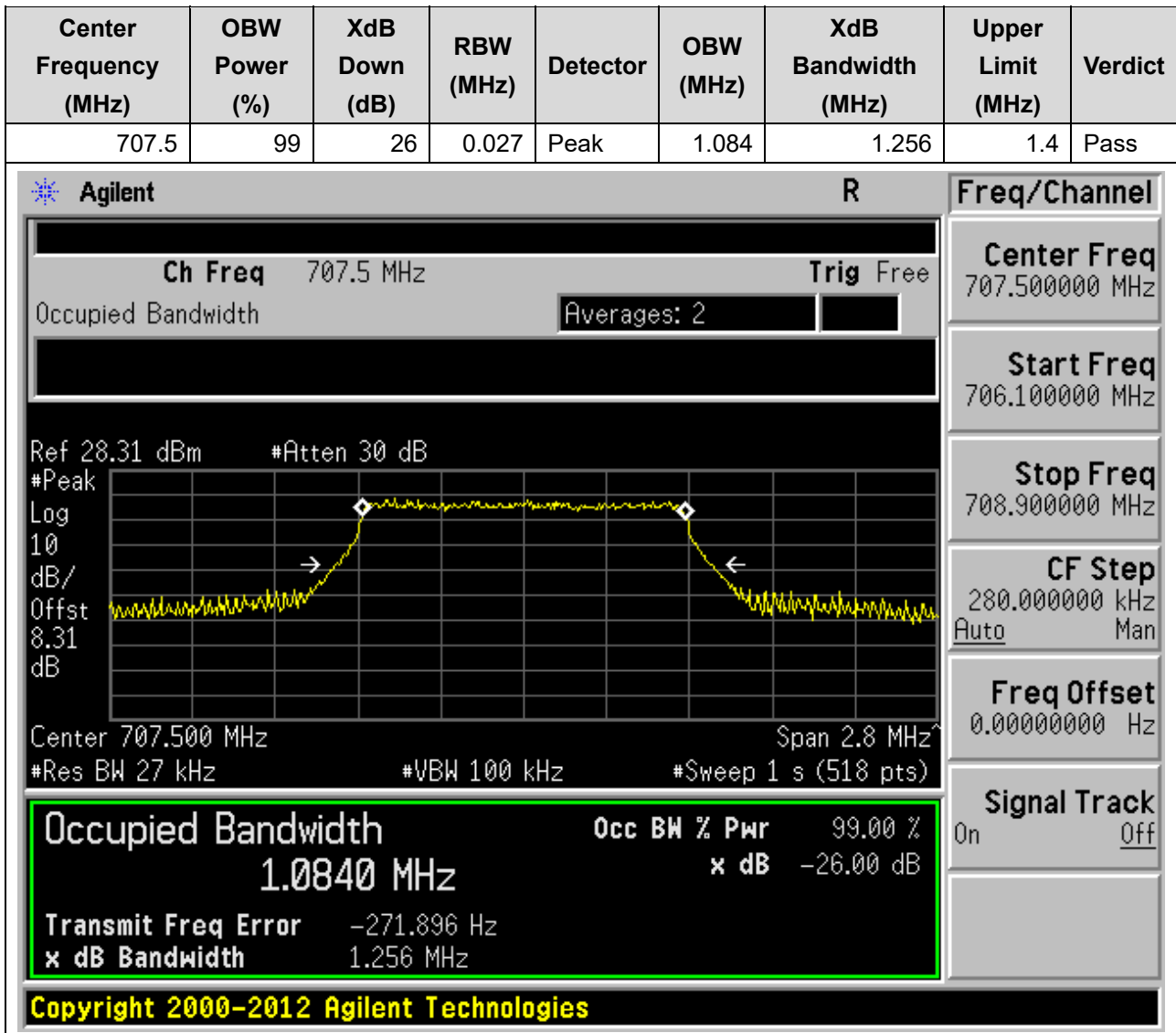
x dB -26.00 dB

Transmit Freq Error -1.349 kHz

x dB Bandwidth 1.294 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
715.3	99	26	0.027	Peak	1.091	1.271	1.4	Pass

Agilent
R

Ch Freq 715.3 MHz

Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

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

Freq/Channel
Center Freq
 715.300000 MHz
Start Freq
 713.900000 MHz
Stop Freq
 716.700000 MHz
CF Step
 280.000000 kHz
 Auto Man
Freq Offset
 0.00000000 Hz
Signal Track
 On Off

Occupied Bandwidth
1.0906 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -1.178 kHz
x dB Bandwidth 1.271 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
700.5	99	26	0.062	Peak	2.701	2.957	3	Pass

Agilent
R

Ch Freq 700.5 MHz
 Occupied Bandwidth

Trig Free
 Averages: 2

Center Freq
700.500000 MHz

Start Freq
697.500000 MHz

Stop Freq
703.500000 MHz

Ref 28.29 dBm **#Atten** 30 dB
#Peak
 Log
 10
 dB/
 Offst
 8.29
 dB

CF Step
600.000000 kHz
 Auto Man

Freq Offset
0.00000000 Hz

Occupied Bandwidth
2.7015 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -1.955 kHz
x dB Bandwidth 2.957 MHz

Signal Track
 On Off

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



12.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:23095, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.062	Peak	2.695	2.94	3	Pass

Agilent
R

Ch Freq 707.5 MHz

Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 707.500 MHz Span 6 MHz

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

Freq/Channel
Center Freq
707.500000 MHz
Start Freq
704.500000 MHz
Stop Freq
710.500000 MHz
CF Step
600.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Occupied Bandwidth
2.6948 MHz

Occ BW % Pwr 99.00 %
x dB Bandwidth -26.00 dB

Transmit Freq Error -3.706 kHz
x dB Bandwidth 2.940 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.693	2.946	3	Pass

Agilent
R

Ch Freq 714.5 MHz **Trig** Free

Occupied Bandwidth Averages: 2

Freq/Channel

Center Freq
714.500000 MHz

Start Freq
711.500000 MHz

Stop Freq
717.500000 MHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 28.31 dBm #Atten 30 dB

Center 714.500 MHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6931 MHz	x dB	-26.00 dB
Transmit Freq Error		-4.487 kHz
x dB Bandwidth		2.946 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
714.5	99	26	0.062	Peak	2.692	2.951	3	Pass

Agilent
R

Ch Freq 714.5 MHz
 Occupied Bandwidth

Trig Free
 Averages: 2

Center Freq
714.500000 MHz

Start Freq
711.500000 MHz

Stop Freq
717.500000 MHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 28.31 dBm #Atten 30 dB

Occupied Bandwidth 2.6923 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -5.192 kHz

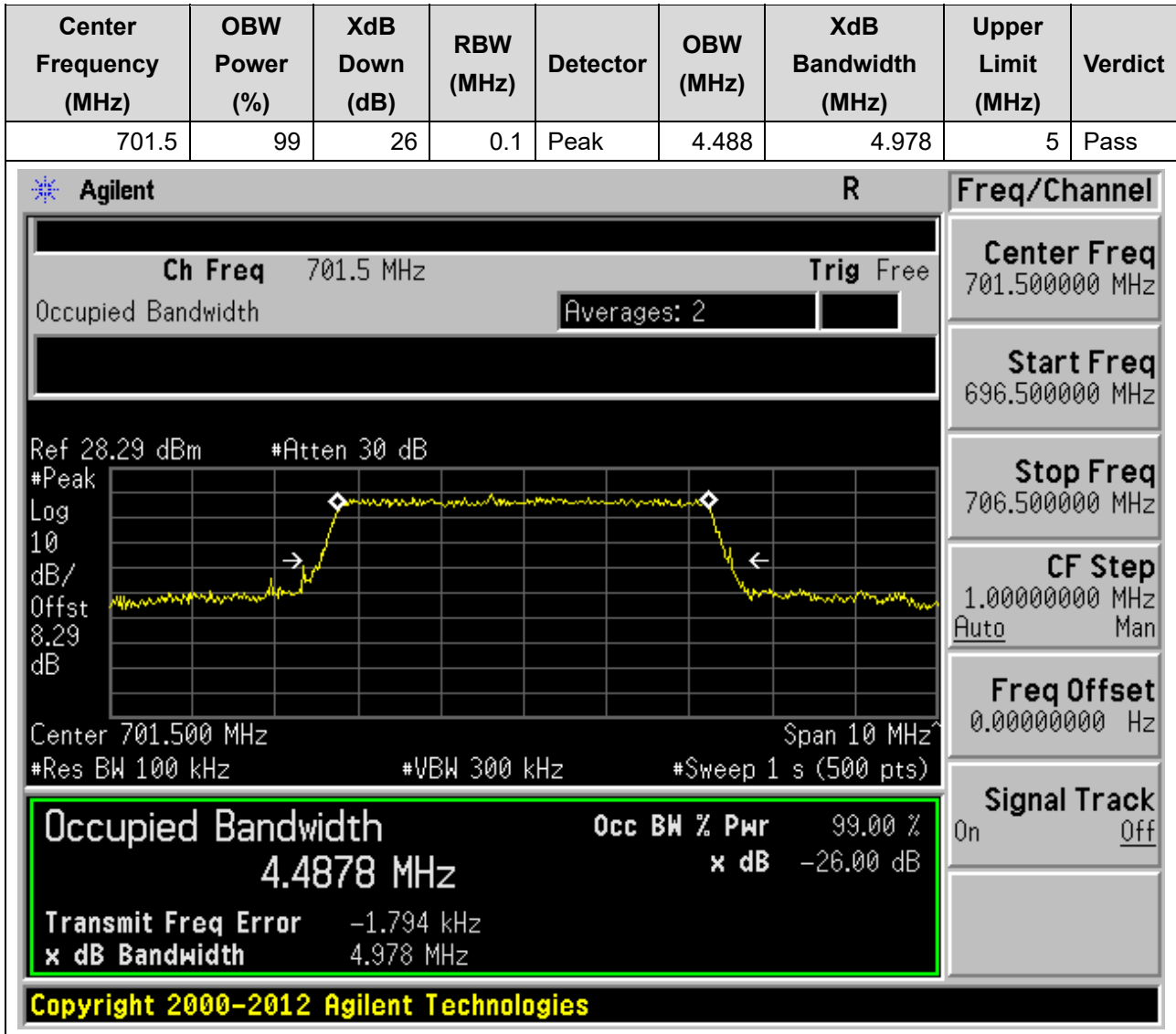
x dB Bandwidth 2.951 MHz

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.487	4.954	5	Pass

Agilent
R

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 707.500 MHz Span 10 MHz

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

Freq/Channel

Center Freq 707.500000 MHz

Start Freq 702.500000 MHz

Stop Freq 712.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4873 MHz x dB -26.00 dB

Transmit Freq Error -4.417 kHz

x dB Bandwidth 4.954 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.1	Peak	4.505	4.977	5	Pass

Agilent
R

Ch Freq 707.5 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Freq/Channel

Center Freq 707.500000 MHz

Start Freq 702.500000 MHz

Stop Freq 712.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.31 dBm #Atten 30 dB

Center 707.500 MHz Span 10 MHz

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

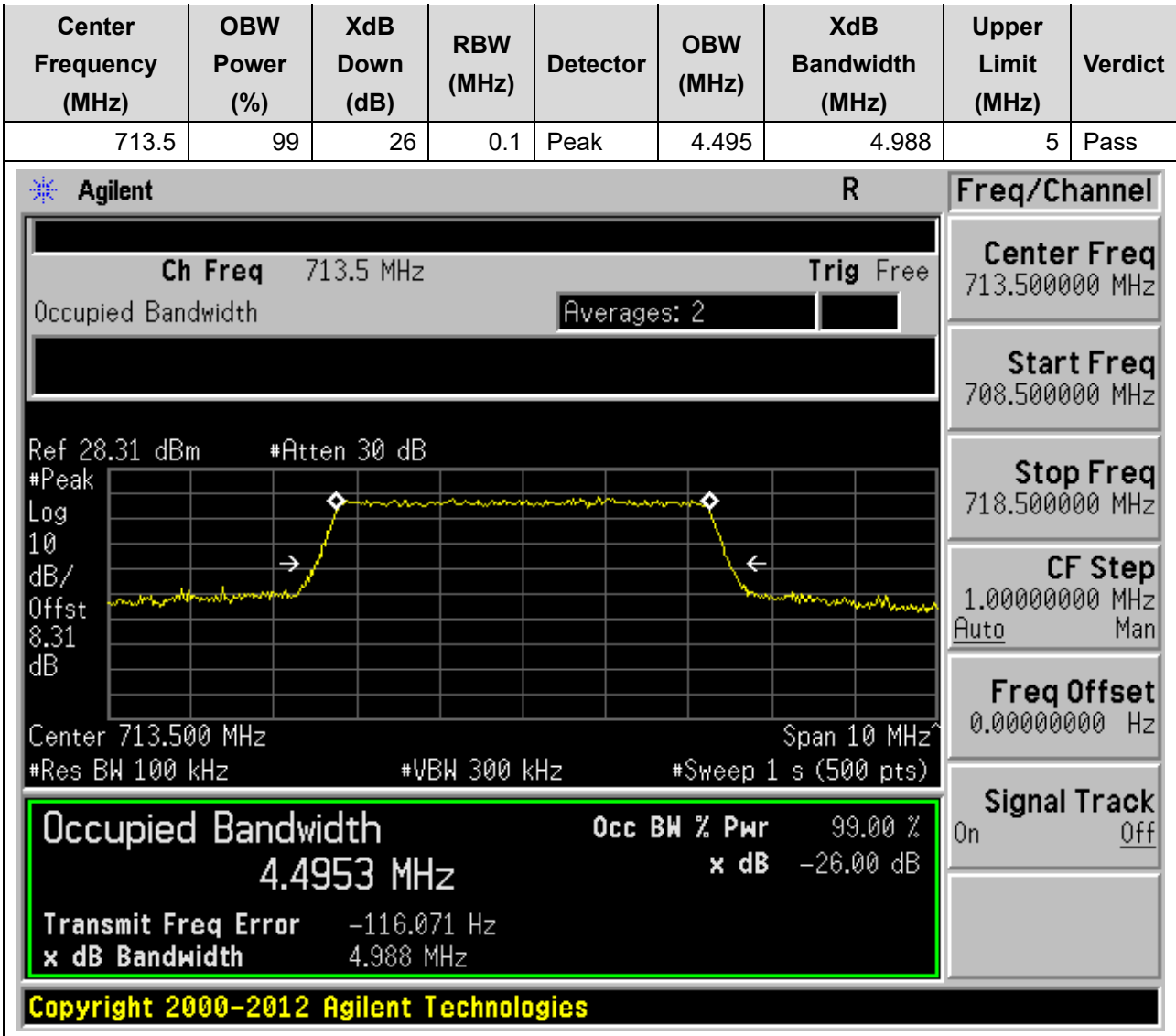
Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5046 MHz	x dB	-26.00 dB
Transmit Freq Error	514.899 Hz	
x dB Bandwidth	4.977 MHz	

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
704	99	26	0.2	Peak	8.966	9.8	10	Pass

Agilent
R

Ch Freq 704 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Freq/Channel

Center Freq 704.000000 MHz

Start Freq 694.000000 MHz

Stop Freq 714.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.3 dBm #Atten 30 dB

Center 704.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9664 MHz

x dB -26.00 dB

Transmit Freq Error -2.990 kHz

x dB Bandwidth 9.800 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.2	Peak	8.964	9.813	10	Pass

Agilent
R

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 707.50 MHz Span 20 MHz
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9642 MHz x dB -26.00 dB

Transmit Freq Error 811.088 Hz

x dB Bandwidth 9.813 MHz

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Freq/Channel

Center Freq
707.500000 MHz

Start Freq
697.500000 MHz

Stop Freq
717.500000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
707.5	99	26	0.2	Peak	8.966	9.778	10	Pass

Agilent
R

Ch Freq 707.5 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 707.50 MHz Span 20 MHz

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

Center Freq
707.500000 MHz

Start Freq
697.500000 MHz

Stop Freq
717.500000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9663 MHz

x dB -26.00 dB

Transmit Freq Error 5.838 kHz

x dB Bandwidth 9.778 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.962	9.84	10	Pass

Agilent
R

Ch Freq 711 MHz

Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.31

dB

Center 711.00 MHz Span 20 MHz

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

Freq/Channel

Center Freq
711.000000 MHz

Start Freq
701.000000 MHz

Stop Freq
721.000000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

8.9620 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -11.702 kHz

x dB Bandwidth 9.840 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.95	9.813	10	Pass

Agilent
R

Ch Freq 711 MHz

Occupied Bandwidth

Trig Free

Averages: 2

Freq/Channel

Center Freq 711.000000 MHz

Start Freq 701.000000 MHz

Stop Freq 721.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 28.31 dBm #Atten 30 dB

Center 711.00 MHz Span 20 MHz

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

Occupied Bandwidth 8.9497 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -9.522 kHz

x dB Bandwidth 9.813 MHz

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13. LTE_Band17

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.1	Peak	4.499	4.973	5	Pass

Agilent

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.32 dBm #Atten 30 dB

Center 710.000 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4994 MHz x dB -26.00 dB

Transmit Freq Error -3.520 kHz

x dB Bandwidth 4.973 MHz

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Freq/Channel

Center Freq 710.000000 MHz

Start Freq 705.000000 MHz

Stop Freq 715.000000 MHz

CF Step 1.00000000 MHz

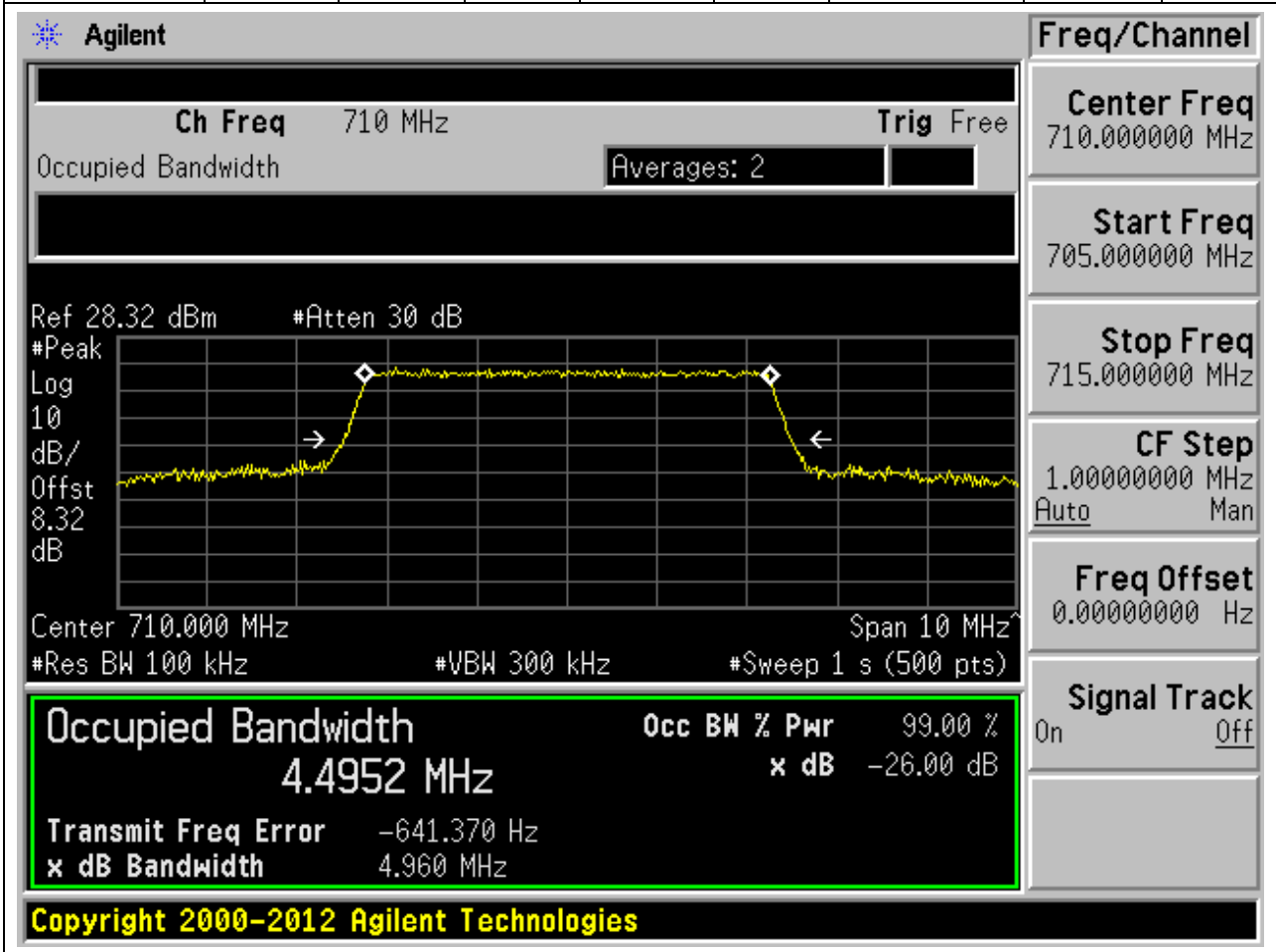
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.1	Peak	4.495	4.96	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
713.5	99	26	0.1	Peak	4.494	4.953	5	Pass

Agilent

Ch Freq 713.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 713.500 MHz Span 10 MHz

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

Freq/Channel

Center Freq
713.500000 MHz

Start Freq
708.500000 MHz

Stop Freq
718.500000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4937 MHz

x dB -26.00 dB

Transmit Freq Error 1.801 kHz

x dB Bandwidth 4.953 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
709	99	26	0.2	Peak	8.972	9.846	10	Pass

Agilent

Ch Freq 709 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 709.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9722 MHz x dB -26.00 dB

Transmit Freq Error 7.479 kHz

x dB Bandwidth 9.846 MHz

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Freq/Channel

Center Freq
709.000000 MHz

Start Freq
699.000000 MHz

Stop Freq
719.000000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
709	99	26	0.2	Peak	8.974	9.746	10	Pass

Agilent

Ch Freq 709 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 709.00 MHz Span 20 MHz

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

Freq/Channel

Center Freq 709.000000 MHz

Start Freq 699.000000 MHz

Stop Freq 719.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9741 MHz x dB -26.00 dB

Transmit Freq Error 6.400 kHz

x dB Bandwidth 9.746 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.2	Peak	8.962	9.809	10	Pass

Agilent

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.32 dBm #Atten 30 dB

Center 710.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9624 MHz

x dB -26.00 dB

Transmit Freq Error -2.771 kHz

x dB Bandwidth 9.809 MHz

Freq/Channel

Center Freq 710.000000 MHz

Start Freq 700.000000 MHz

Stop Freq 720.000000 MHz

CF Step 2.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
710	99	26	0.2	Peak	8.954	9.774	10	Pass

Agilent

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.32 dBm #Atten 30 dB

Center 710.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9537 MHz x dB -26.00 dB

Transmit Freq Error 712.559 Hz

x dB Bandwidth 9.774 MHz

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Freq/Channel

Center Freq 710.000000 MHz

Start Freq 700.000000 MHz

Stop Freq 720.000000 MHz

CF Step 2.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.973	9.827	10	Pass

Agilent

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 711.00 MHz Span 20 MHz

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

Freq/Channel

Center Freq
711.000000 MHz

Start Freq
701.000000 MHz

Stop Freq
721.000000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9729 MHz

x dB -26.00 dB

Transmit Freq Error -14.637 kHz

x dB Bandwidth 9.827 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
711	99	26	0.2	Peak	8.954	9.816	10	Pass

Agilent

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.31 dBm #Atten 30 dB

Center 711.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9543 MHz

x dB -26.00 dB

Transmit Freq Error -9.885 kHz

x dB Bandwidth 9.816 MHz

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Freq/Channel

Center Freq 711.000000 MHz

Start Freq 701.000000 MHz

Stop Freq 721.000000 MHz

CF Step 2.00000000 MHz

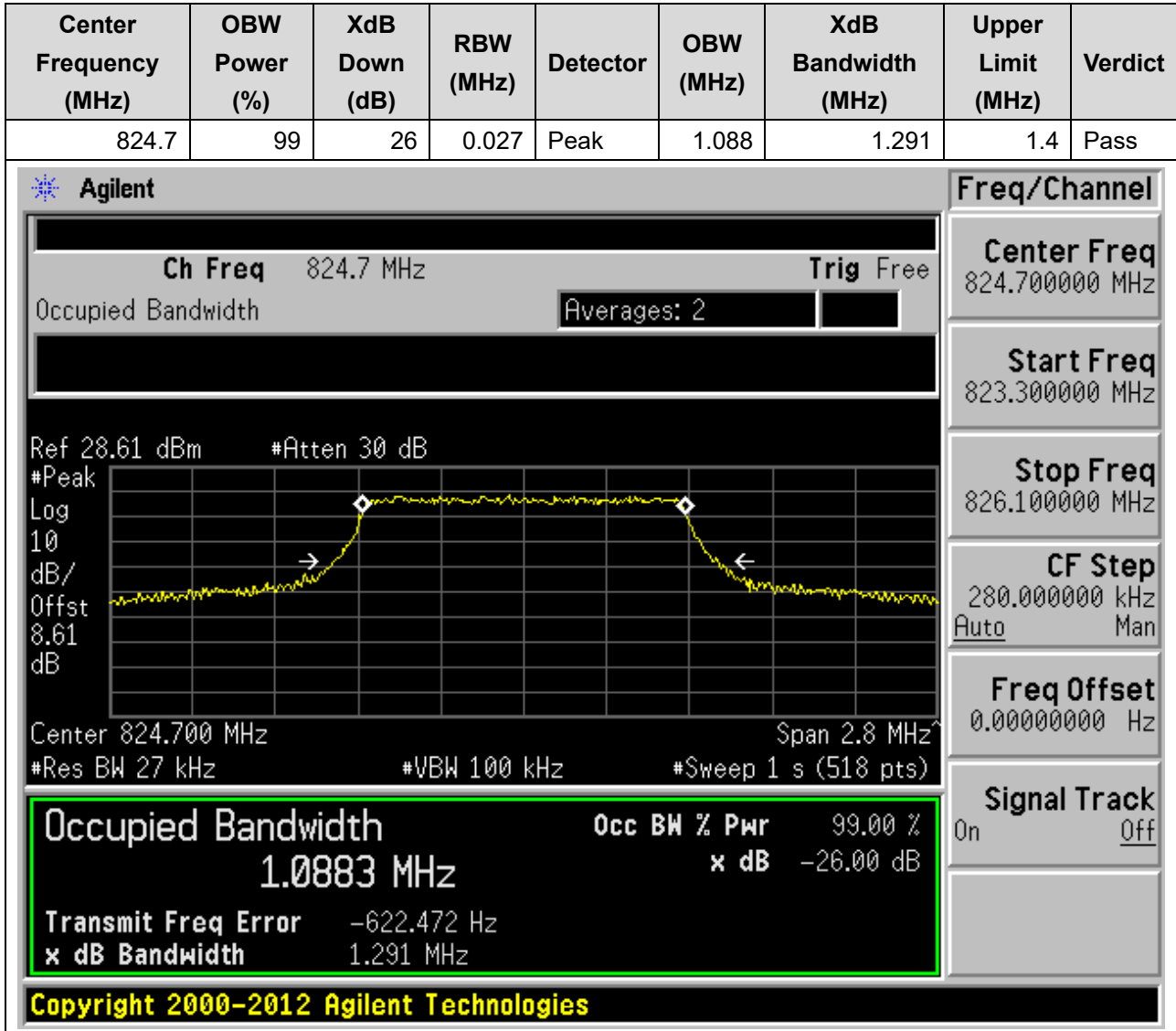
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

14. LTE_Band26(part22)

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.089	1.299	1.4	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.65 dBm #Atten 30 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 %

1.0891 MHz x dB -26.00 dB

Transmit Freq Error -750.778 Hz

x dB Bandwidth 1.299 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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.086	1.258	1.4	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.65 dBm #Atten 30 dB

Center 836.500 MHz Span 2.8 MHz

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

Freq/Channel

Center Freq 836.500000 MHz

Start Freq 835.100000 MHz

Stop Freq 837.900000 MHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0856 MHz x dB -26.00 dB

Transmit Freq Error -947.737 Hz

x dB Bandwidth 1.258 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.09	1.278	1.4	Pass

Agilent

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 dB

Center 848.300 MHz Span 2.8 MHz

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

Freq/Channel

Center Freq 848.300000 MHz

Start Freq 846.900000 MHz

Stop Freq 849.700000 MHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0899 MHz x dB -26.00 dB

Transmit Freq Error -1.134 kHz

x dB Bandwidth 1.278 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.089	1.267	1.4	Pass

Agilent

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 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 %

1.0891 MHz x dB -26.00 dB

Transmit Freq Error -1.338 kHz

x dB Bandwidth 1.267 MHz

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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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.699	2.964	3	Pass

Agilent

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

Center 825.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6988 MHz x dB -26.00 dB

Transmit Freq Error -1.774 kHz

x dB Bandwidth 2.964 MHz

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Freq/Channel

Center Freq 825.500000 MHz

Start Freq 822.500000 MHz

Stop Freq 828.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.694	2.955	3	Pass

Agilent

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

Center 825.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6944 MHz x dB -26.00 dB

Transmit Freq Error 1.972 kHz

x dB Bandwidth 2.955 MHz

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Freq/Channel

Center Freq 825.500000 MHz

Start Freq 822.500000 MHz

Stop Freq 828.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.698	2.942	3	Pass

Agilent

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

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.65 dBm #Atten 30 dB

Center 836.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6976 MHz

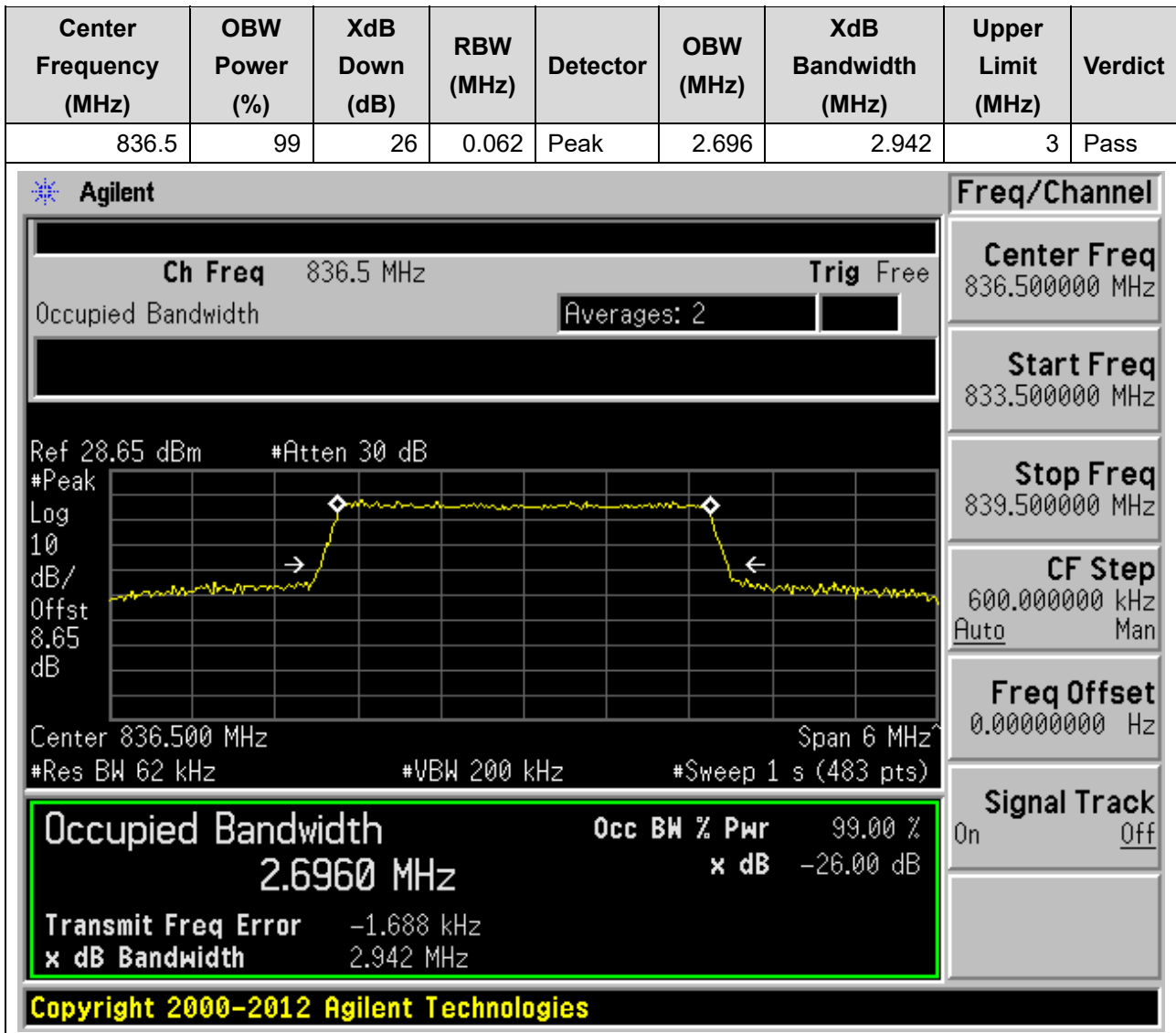
x dB -26.00 dB

Transmit Freq Error -2.516 kHz

x dB Bandwidth 2.942 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.698	2.958	3	Pass

Agilent

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

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 dB

Center 847.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6978 MHz

x dB -26.00 dB

Transmit Freq Error -2.315 kHz

x dB Bandwidth 2.958 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.693	2.95	3	Pass

Agilent

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.69 dBm #Atten 30 dB

Center 847.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6934 MHz x dB -26.00 dB

Transmit Freq Error -3.057 kHz

x dB Bandwidth 2.950 MHz

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Freq/Channel

Center Freq 847.500000 MHz

Start Freq 844.500000 MHz

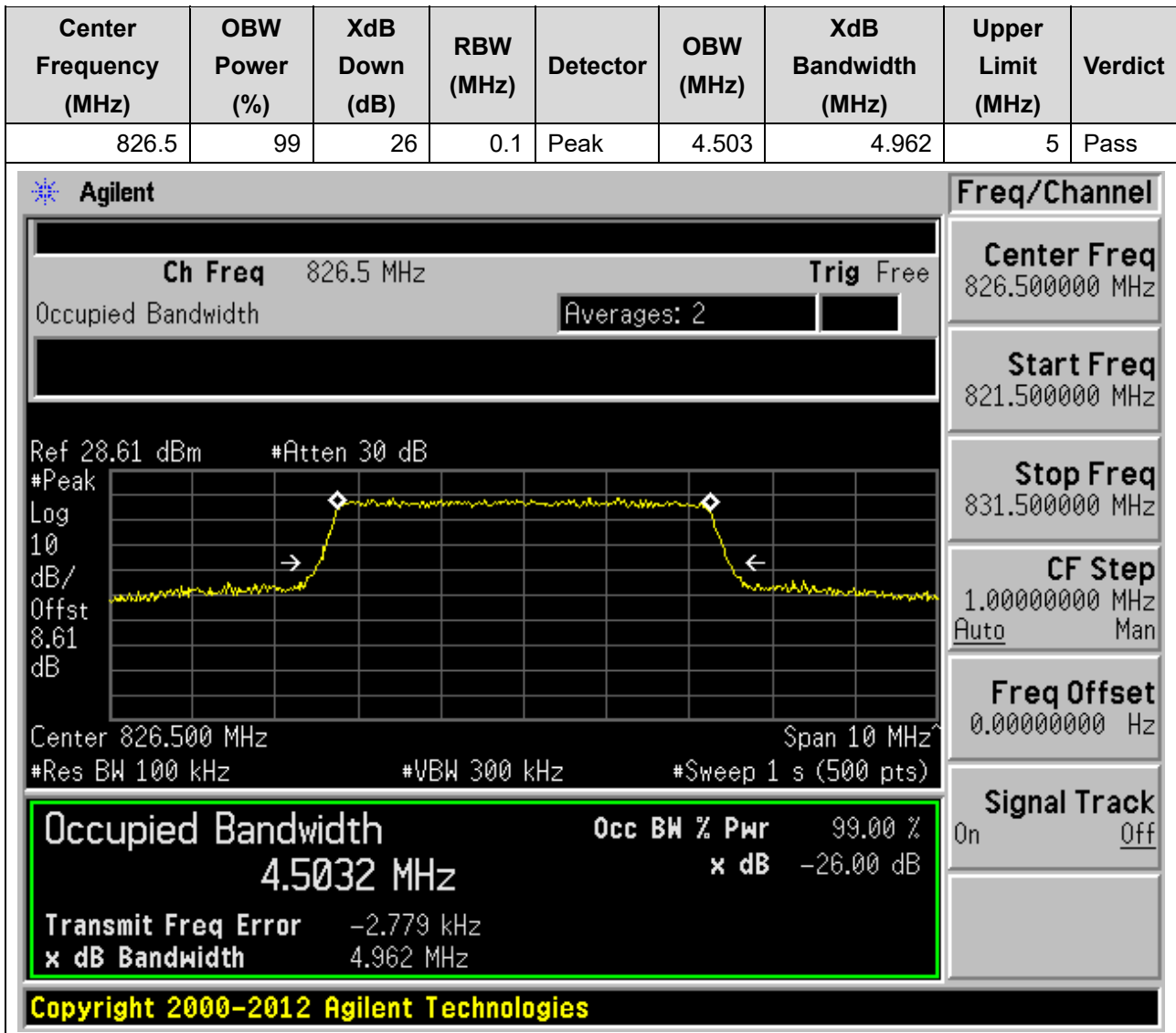
Stop Freq 850.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.482	4.955	5	Pass

Agilent

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

Center 826.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4819 MHz

x dB -26.00 dB

Transmit Freq Error -5.126 kHz

x dB Bandwidth 4.955 MHz

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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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.495	4.975	5	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.65 dBm #Atten 30 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 %

4.4945 MHz x dB -26.00 dB

Transmit Freq Error -4.831 kHz

x dB Bandwidth 4.975 MHz

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Freq/Channel

Center Freq 836.500000 MHz

Start Freq 831.500000 MHz

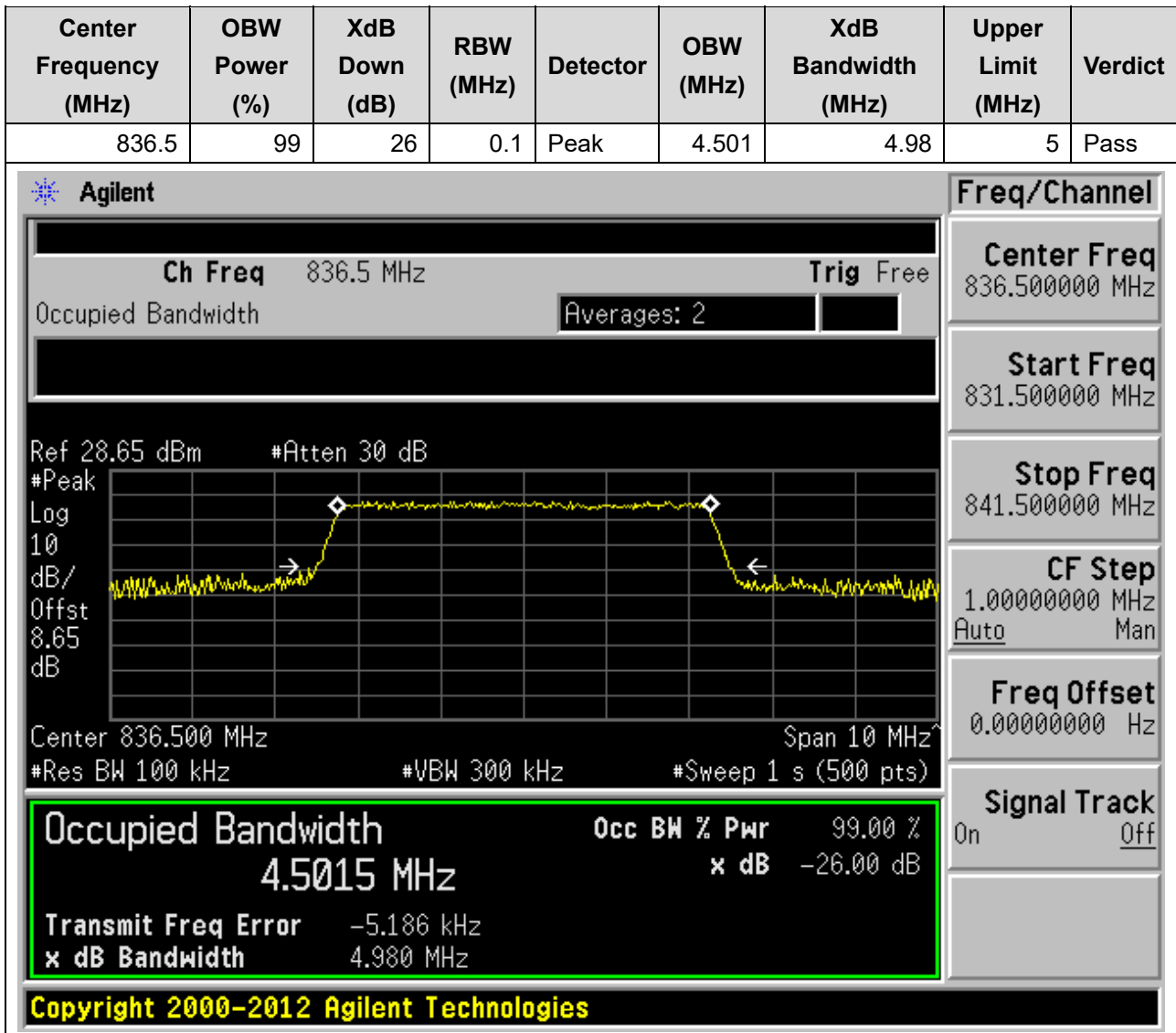
Stop Freq 841.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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



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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.96	9.88	10	Pass

Agilent

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.62 dBm #Atten 30 dB

Center 829.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9604 MHz

x dB -26.00 dB

Transmit Freq Error -11.638 kHz

x dB Bandwidth 9.880 MHz

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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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.952	9.79	10	Pass

Agilent

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.62 dBm #Atten 30 dB

Center 829.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9518 MHz

x dB -26.00 dB

Transmit Freq Error -5.587 kHz

x dB Bandwidth 9.790 MHz

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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

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.963	9.821	10	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.65 dBm #Atten 30 dB

Center 836.50 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9633 MHz x dB -26.00 dB

Transmit Freq Error -1.938 kHz

x dB Bandwidth 9.821 MHz

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Freq/Channel

Center Freq
836.500000 MHz

Start Freq
826.500000 MHz

Stop Freq
846.500000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.965	9.787	10	Pass

Agilent

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.68 dBm #Atten 30 dB

Center 844.00 MHz Span 20 MHz

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

Freq/Channel

Center Freq 844.000000 MHz

Start Freq 834.000000 MHz

Stop Freq 854.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

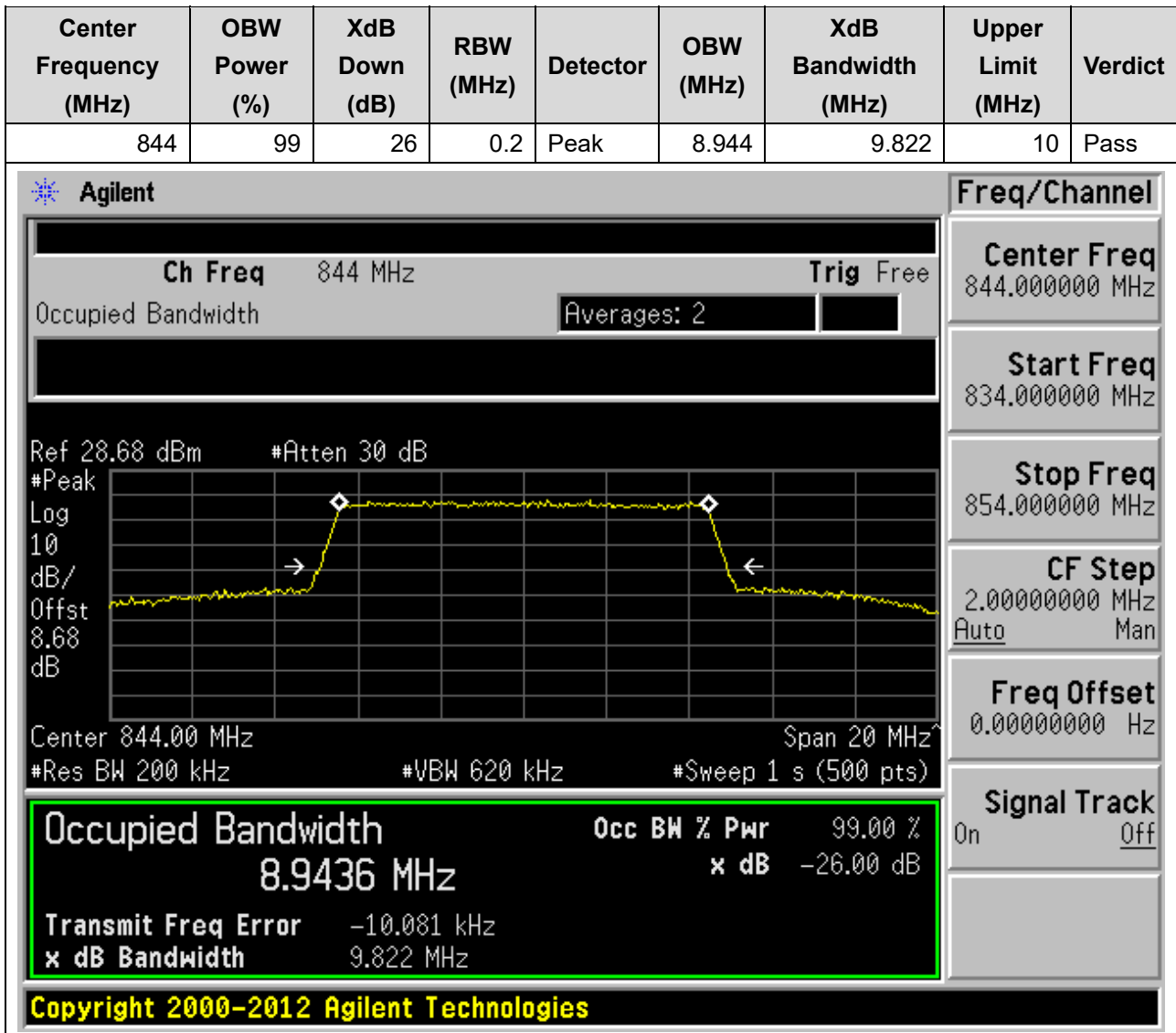
8.9652 MHz x dB -26.00 dB

Transmit Freq Error -12.386 kHz

x dB Bandwidth 9.787 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.476	14.778	15	Pass

Agilent

Ch Freq 831.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.63 dBm #Atten 30 dB

Center 831.50 MHz Span 30 MHz

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

Freq/Channel

Center Freq 831.500000 MHz

Start Freq 816.500000 MHz

Stop Freq 846.500000 MHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4755 MHz x dB -26.00 dB

Transmit Freq Error -14.386 kHz

x dB Bandwidth 14.778 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.3	Peak	13.475	14.634	15	Pass

Agilent

Ch Freq 831.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.63 dBm #Atten 30 dB

Center 831.50 MHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.477 MHz x dB -26.00 dB

Transmit Freq Error -12.391 kHz

x dB Bandwidth 14.634 MHz

Freq/Channel

Center Freq 831.500000 MHz

Start Freq 816.500000 MHz

Stop Freq 846.500000 MHz

CF Step 3.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.3	Peak	13.439	14.695	15	Pass

Agilent

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.65 dBm #Atten 30 dB

Center 836.50 MHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4385 MHz x dB -26.00 dB

Transmit Freq Error 3.152 kHz

x dB Bandwidth 14.695 MHz

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Freq/Channel

Center Freq
836.500000 MHz

Start Freq
821.500000 MHz

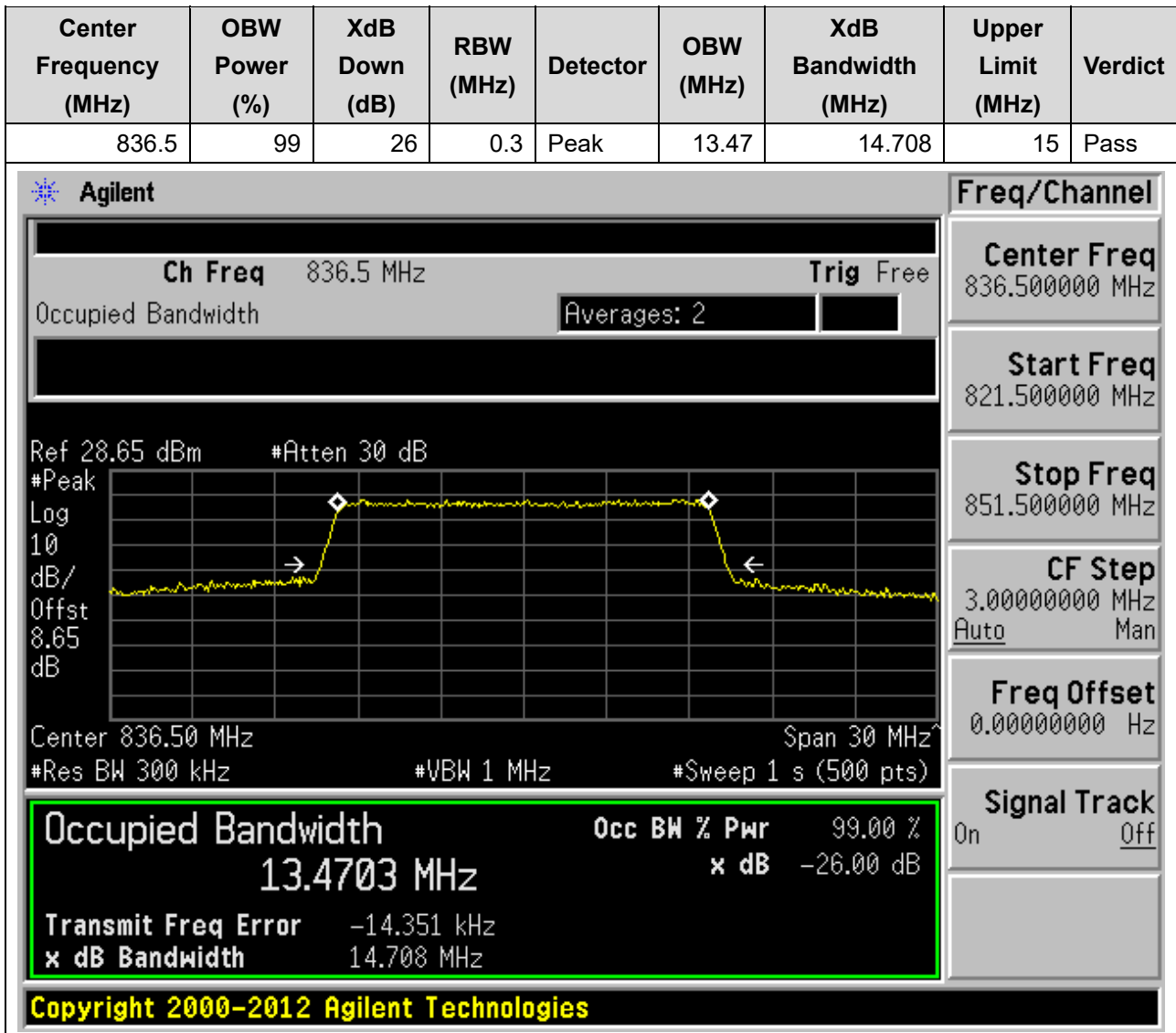
Stop Freq
851.500000 MHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.3	Peak	13.421	14.914	15	Pass

Agilent
Freq/Channel

Ch Freq 841.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.67 dBm #Atten 30 dB

#Peak

Log 10

dB/dB/ Offst 8.67 dB

Center 841.50 MHz Span 30 MHz

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

Center Freq 841.500000 MHz

Start Freq 826.500000 MHz

Stop Freq 856.500000 MHz

CF Step 3.00000000 MHz
Auto Man

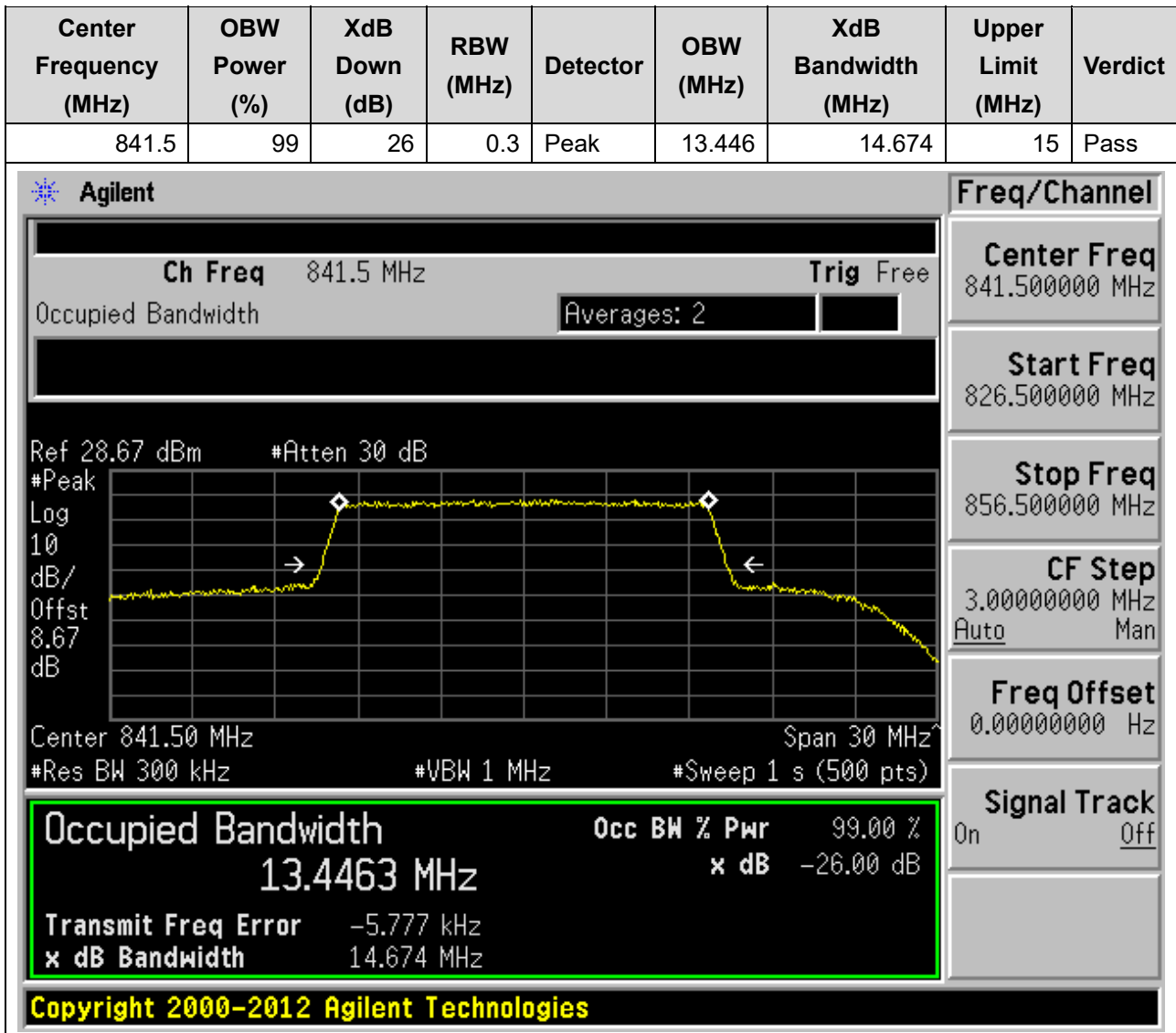
Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4206 MHz	x dB	-26.00 dB
Transmit Freq Error		-7.865 kHz
x dB Bandwidth		14.913 MHz

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



15. LTE_Band26(part90)

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
814.7	99	26	0.027	Peak	1.095	1.299	1.4	Pass

Agilent

Ch Freq 814.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.58 dBm #Atten 30 dB

Center 814.700 MHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0951 MHz x dB -26.00 dB

Transmit Freq Error -2.392 kHz

x dB Bandwidth 1.299 MHz

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Freq/Channel

Center Freq 814.700000 MHz

Start Freq 813.300000 MHz

Stop Freq 816.100000 MHz

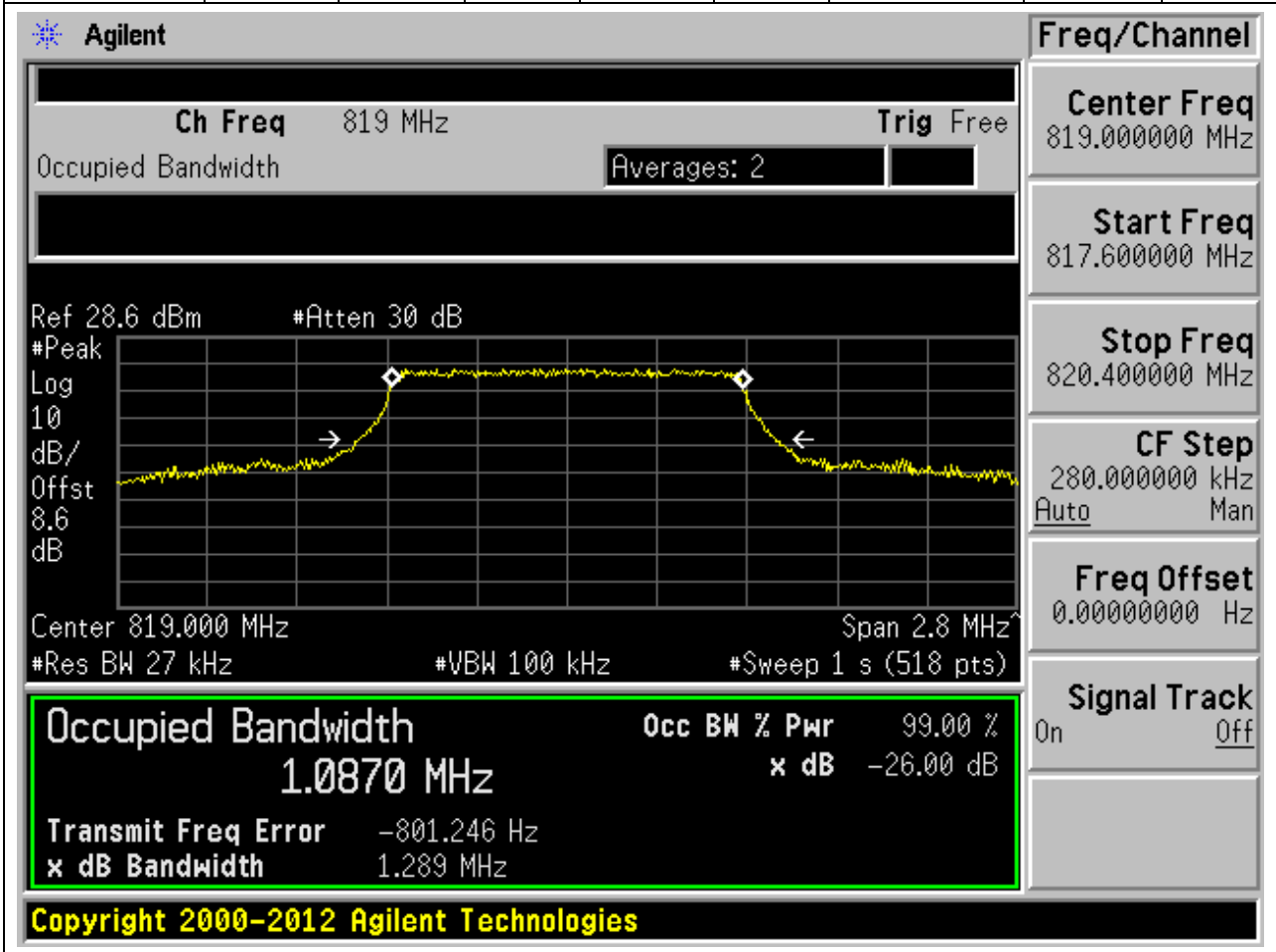
CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

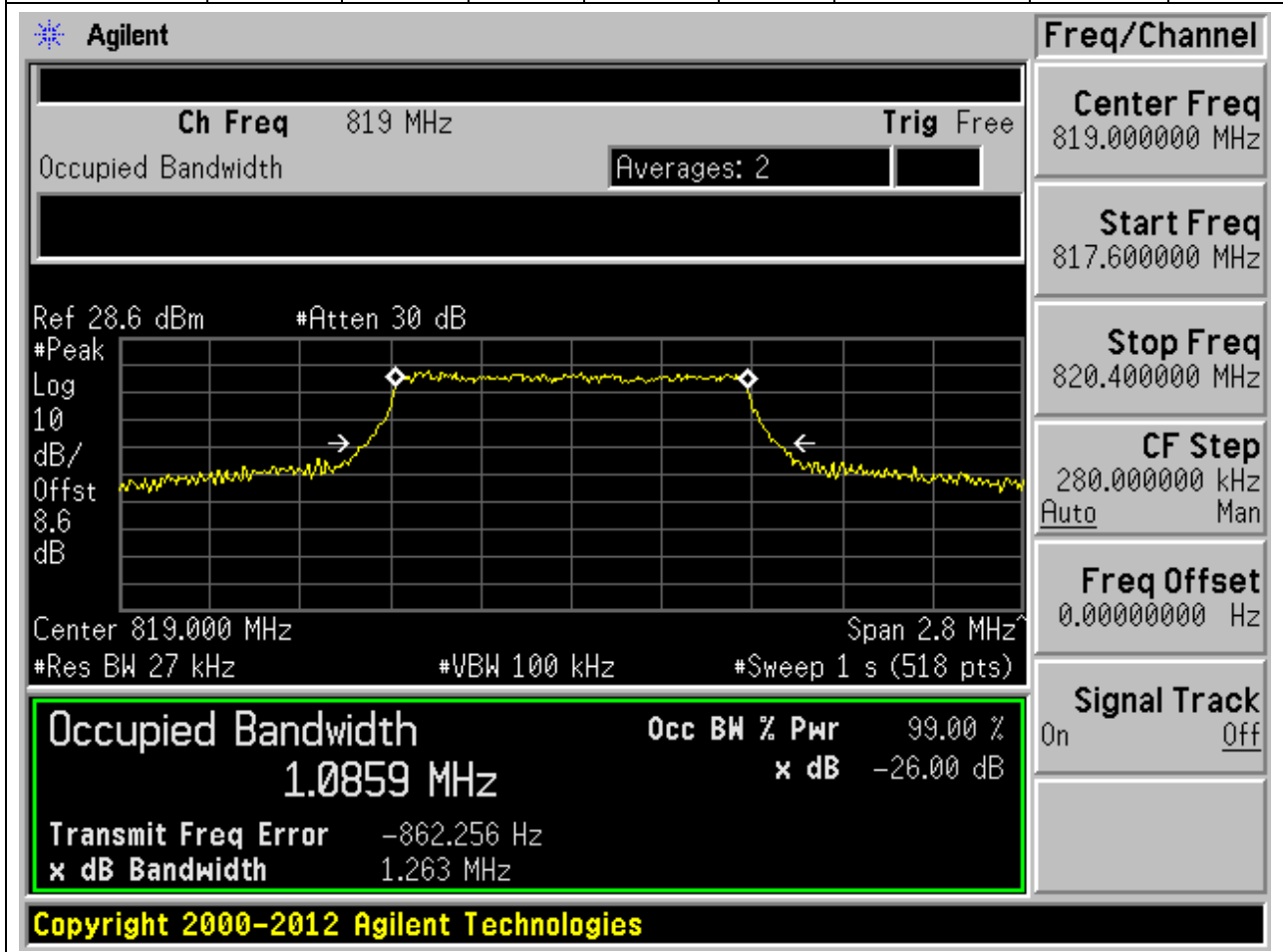
15.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:26740, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.027	Peak	1.087	1.289	1.4	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.027	Peak	1.086	1.263	1.4	Pass



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
823.3	99	26	0.027	Peak	1.092	1.281	1.4	Pass

Agilent

Ch Freq 823.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

Center 823.300 MHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0918 MHz x dB -26.00 dB

Transmit Freq Error 1.316 kHz

x dB Bandwidth 1.281 MHz

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Freq/Channel

Center Freq
823.300000 MHz

Start Freq
821.900000 MHz

Stop Freq
824.700000 MHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.702	2.954	3	Pass

Agilent

Freq/Channel
Center Freq
815.500000 MHz
Start Freq
812.500000 MHz
Stop Freq
818.500000 MHz
CF Step
600.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

Ch Freq 815.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.59 dBm #Atten 30 dB

Center 815.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7018 MHz x dB -26.00 dB

Transmit Freq Error -1.527 kHz

x dB Bandwidth 2.954 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
815.5	99	26	0.062	Peak	2.701	2.943	3	Pass

Agilent

Ch Freq 815.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.59 dBm #Atten 30 dB

Center 815.500 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7007 MHz

x dB -26.00 dB

Transmit Freq Error -2.253 kHz

x dB Bandwidth 2.943 MHz

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Freq/Channel

Center Freq 815.500000 MHz

Start Freq 812.500000 MHz

Stop Freq 818.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.062	Peak	2.697	2.941	3	Pass

Agilent

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 819.000 MHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6968 MHz x dB -26.00 dB

Transmit Freq Error -2.155 kHz

x dB Bandwidth 2.941 MHz

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Freq/Channel

Center Freq 819.000000 MHz

Start Freq 816.000000 MHz

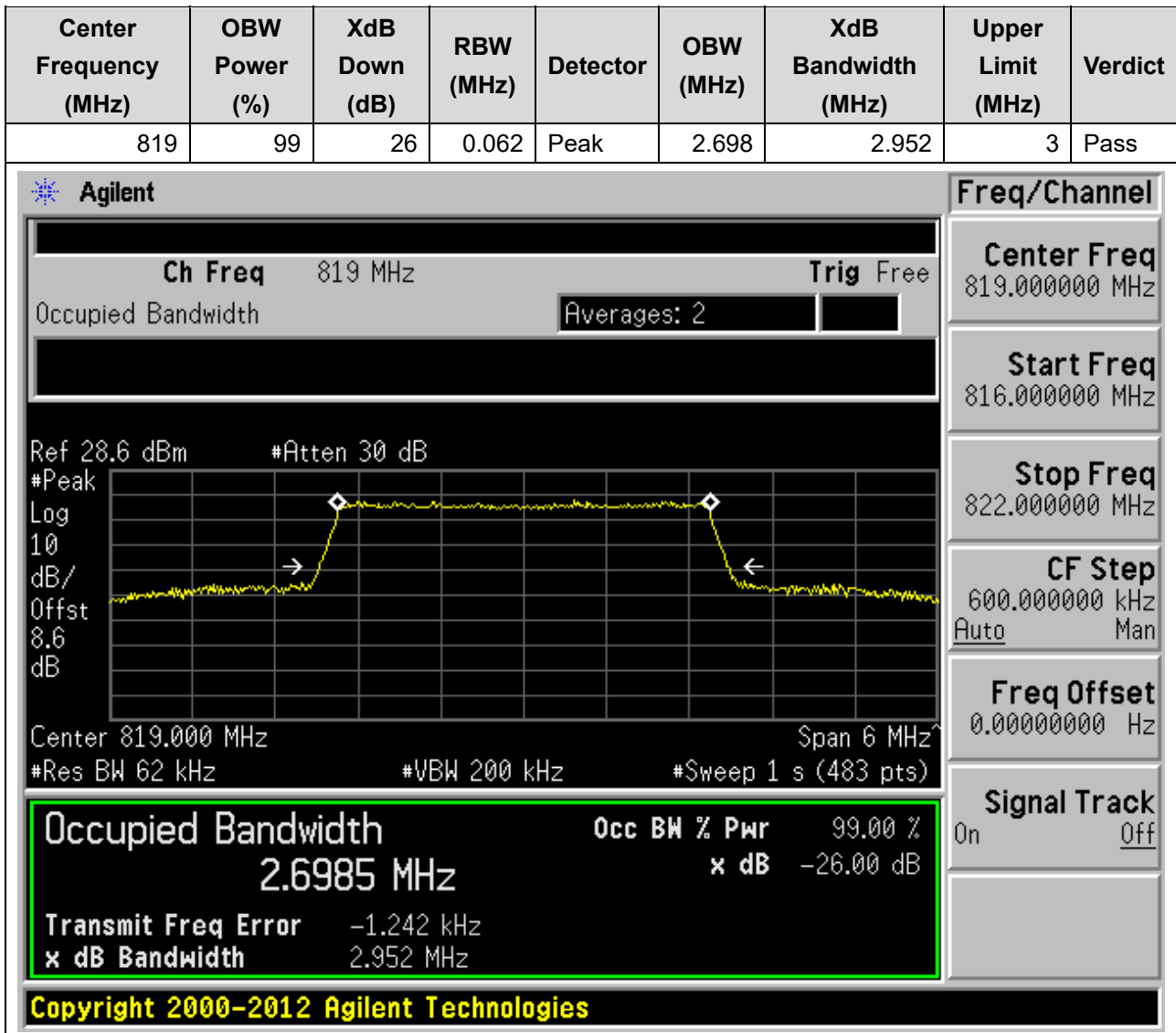
Stop Freq 822.000000 MHz

CF Step 600.000000 kHz
Auto Man

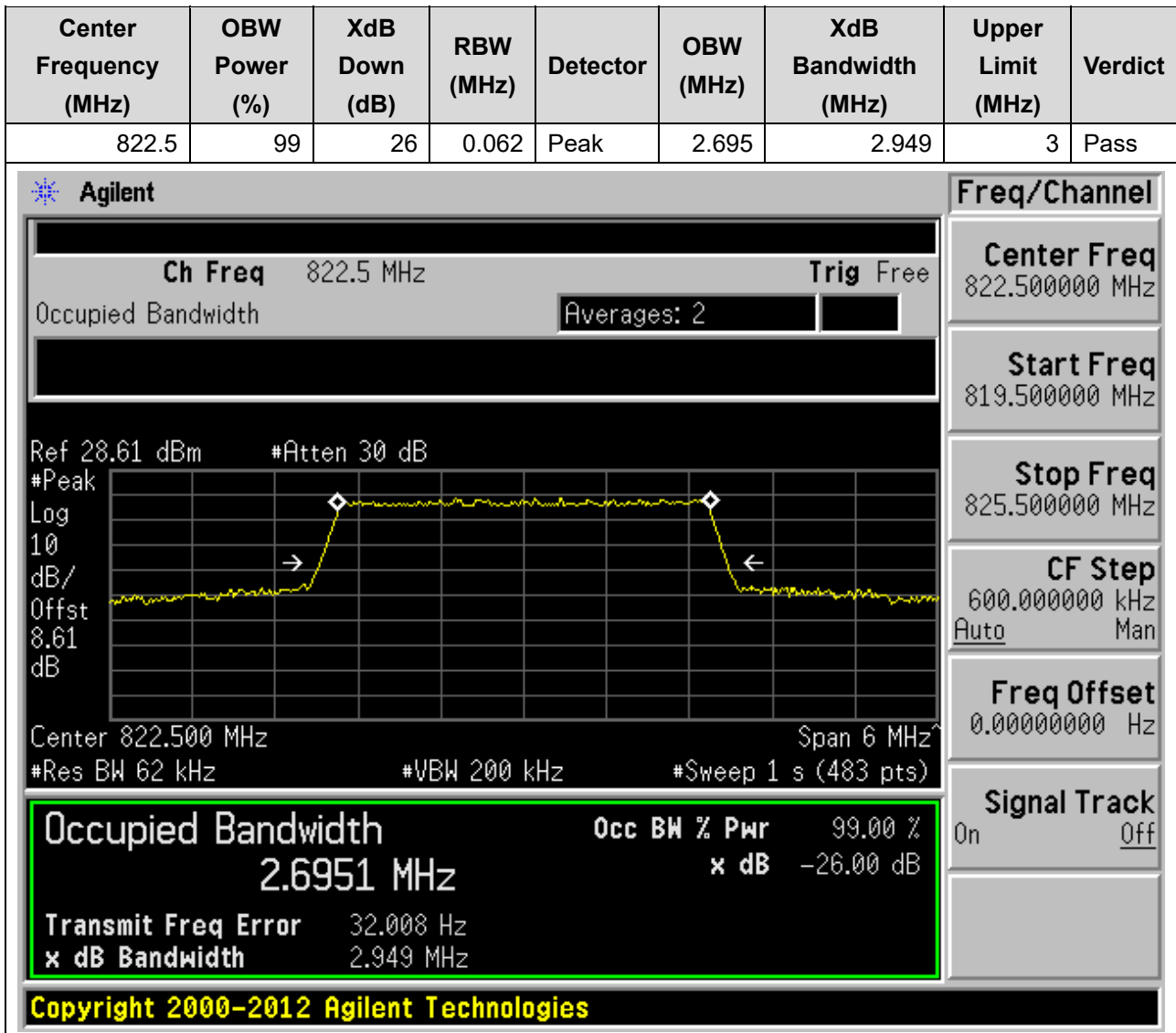
Freq Offset 0.00000000 Hz

Signal Track On Off

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



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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
822.5	99	26	0.062	Peak	2.692	2.95	3	Pass

Agilent

Ch Freq 822.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.61 dBm #Atten 30 dB

Center 822.500 MHz Span 6 MHz

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

Freq/Channel

Center Freq 822.500000 MHz

Start Freq 819.500000 MHz

Stop Freq 825.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.6919 MHz

x dB -26.00 dB

Transmit Freq Error -2.408 kHz

x dB Bandwidth 2.950 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.502	4.99	5	Pass

Agilent

Ch Freq 816.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.59 dBm #Atten 30 dB

Center 816.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5022 MHz x dB -26.00 dB

Transmit Freq Error -1.832 kHz

x dB Bandwidth 4.990 MHz

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Freq/Channel

Center Freq 816.500000 MHz

Start Freq 811.500000 MHz

Stop Freq 821.500000 MHz

CF Step 1.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.491	4.95	5	Pass

Agilent

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 819.000 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4911 MHz x dB -26.00 dB

Transmit Freq Error -31.784 Hz

x dB Bandwidth 4.950 MHz

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Freq/Channel

Center Freq 819.000000 MHz

Start Freq 814.000000 MHz

Stop Freq 824.000000 MHz

CF Step 1.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.503	4.981	5	Pass

Agilent

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 819.000 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5032 MHz x dB -26.00 dB

Transmit Freq Error 1.285 kHz

x dB Bandwidth 4.981 MHz

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Freq/Channel

Center Freq 819.000000 MHz

Start Freq 814.000000 MHz

Stop Freq 824.000000 MHz

CF Step 1.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.48	4.931	5	Pass

Agilent

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 821.500 MHz Span 10 MHz

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

Freq/Channel

Center Freq 821.500000 MHz

Start Freq 816.500000 MHz

Stop Freq 826.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4804 MHz x dB -26.00 dB

Transmit Freq Error 5.589 kHz

x dB Bandwidth 4.931 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.49	4.967	5	Pass

Agilent

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4895 MHz x dB -26.00 dB

Transmit Freq Error 4.124 kHz

x dB Bandwidth 4.967 MHz

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Freq/Channel

Center Freq 821.500000 MHz

Start Freq 816.500000 MHz

Stop Freq 826.500000 MHz

CF Step 1.00000000 MHz

Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.2	Peak	8.981	9.899	10	Pass

Agilent

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 819.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9810 MHz	x dB	-26.00 dB
Transmit Freq Error	8.136 kHz	
x dB Bandwidth	9.899 MHz	

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Freq/Channel

Center Freq 819.000000 MHz

Start Freq 809.000000 MHz

Stop Freq 829.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.2	Peak	8.985	9.754	10	Pass

Agilent

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.6 dBm #Atten 30 dB

Center 819.00 MHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9853 MHz

x dB -26.00 dB

Transmit Freq Error 8.568 kHz

x dB Bandwidth 9.754 MHz

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Freq/Channel

Center Freq 819.000000 MHz

Start Freq 809.000000 MHz

Stop Freq 829.000000 MHz

CF Step 2.00000000 MHz

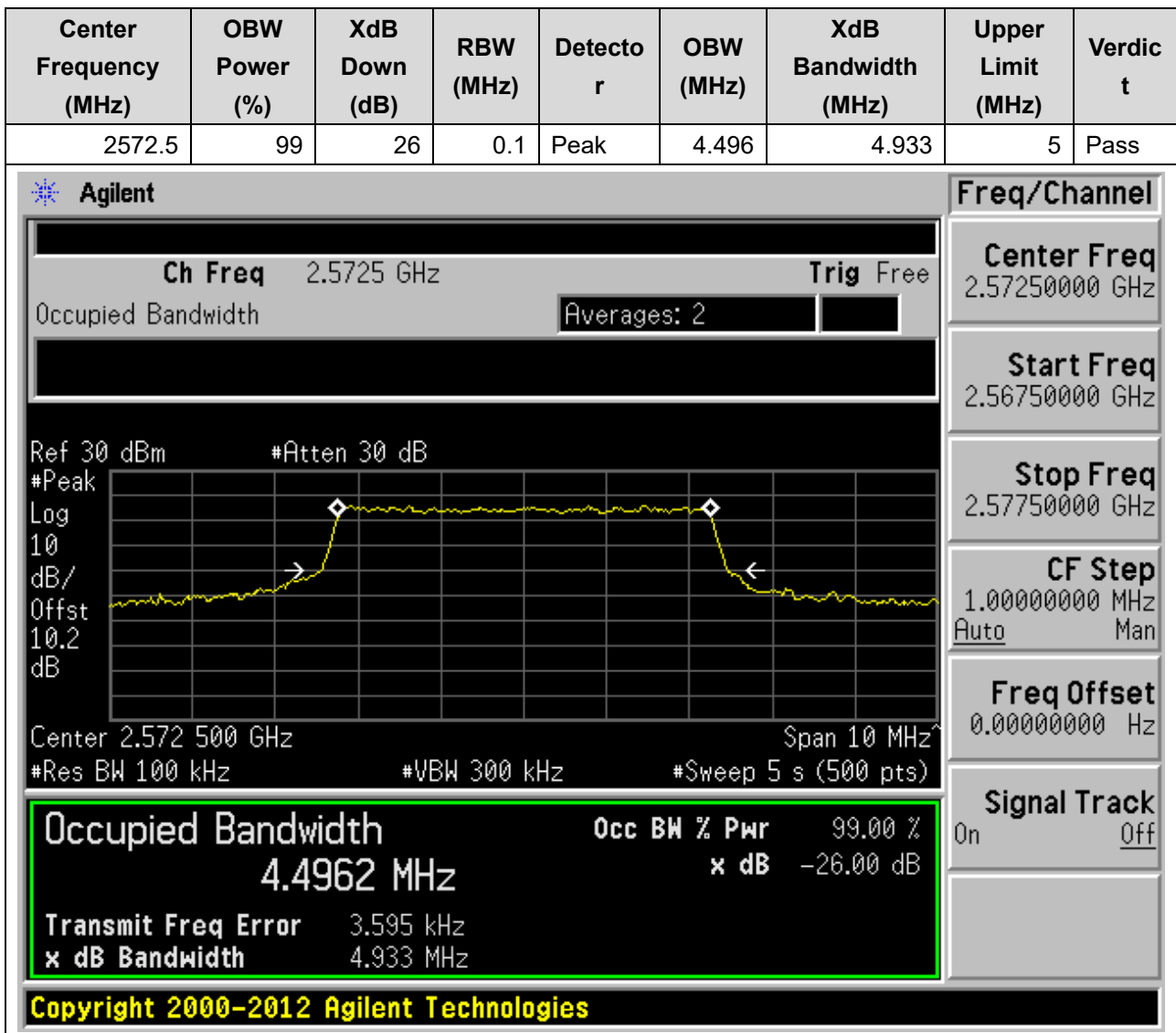
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

16. LTE_Band38

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2572.5	99	26	0.1	Peak	4.486	5.013	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.5725 GHz and a span of 10 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 2.5725 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.4857 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -3.222 kHz and the 'x dB Bandwidth' is 5.013 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Parameter	Value
Ch Freq	2.5725 GHz
Trig	Free
Averages	2
Ref	30 dBm
#Atten	30 dB
#Peak	Log
Log	10
dB/	Offst
Offst	10.2
dB	
Center	2.572 500 GHz
#Res BW	100 kHz
#VBW	300 kHz
#Sweep	5 s (500 pts)
Span	10 MHz
Occupied Bandwidth	4.4857 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-3.222 kHz
x dB Bandwidth	5.013 MHz
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16.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.492	5.042	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the signal level. The trace is centered at 2.595 GHz with a span of 10 MHz. The signal level is approximately -26 dB. The occupied bandwidth is measured as 4.4921 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The RBW is 0.1 MHz. The detector is set to Peak. The upper limit is 5 MHz. The verdict is Pass.

Occupied Bandwidth 4.4921 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 889.137 Hz
x dB Bandwidth 5.042 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.495	5.019	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.595 GHz. The occupied bandwidth is 4.495 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The RBW is 0.1 MHz, and the detector is Peak. The upper limit is 5 MHz, and the verdict is Pass. The signal track is On. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4955 MHz		x dB	-26.00 dB
Transmit Freq Error	-1.624 kHz		
x dB Bandwidth	5.019 MHz		

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2617.5	99	26	0.1	Peak	4.492	5.017	5	Pass

Agilent

Ch Freq 2.6175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.617 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4925 MHz

x dB -26.00 dB

Transmit Freq Error 1.923 kHz

x dB Bandwidth 5.017 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2617.5	99	26	0.1	Peak	4.49	5.114	5	Pass

Agilent
Freq/Channel

Ch Freq 2.6175 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 30 dBm #Atten 30 dB

Center 2.617 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

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

4.4897 MHz **x dB** -26.00 dB

Transmit Freq Error -3.143 kHz

x dB Bandwidth 5.114 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.983	9.893	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.575 GHz and a span of 20 MHz. The vertical axis is labeled 'dB/Offst' and the horizontal axis is labeled 'Span 20 MHz'. The plot shows a signal with a peak at approximately 2.575 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 8.9828 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 10.762 kHz and the 'x dB Bandwidth' is 9.893 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

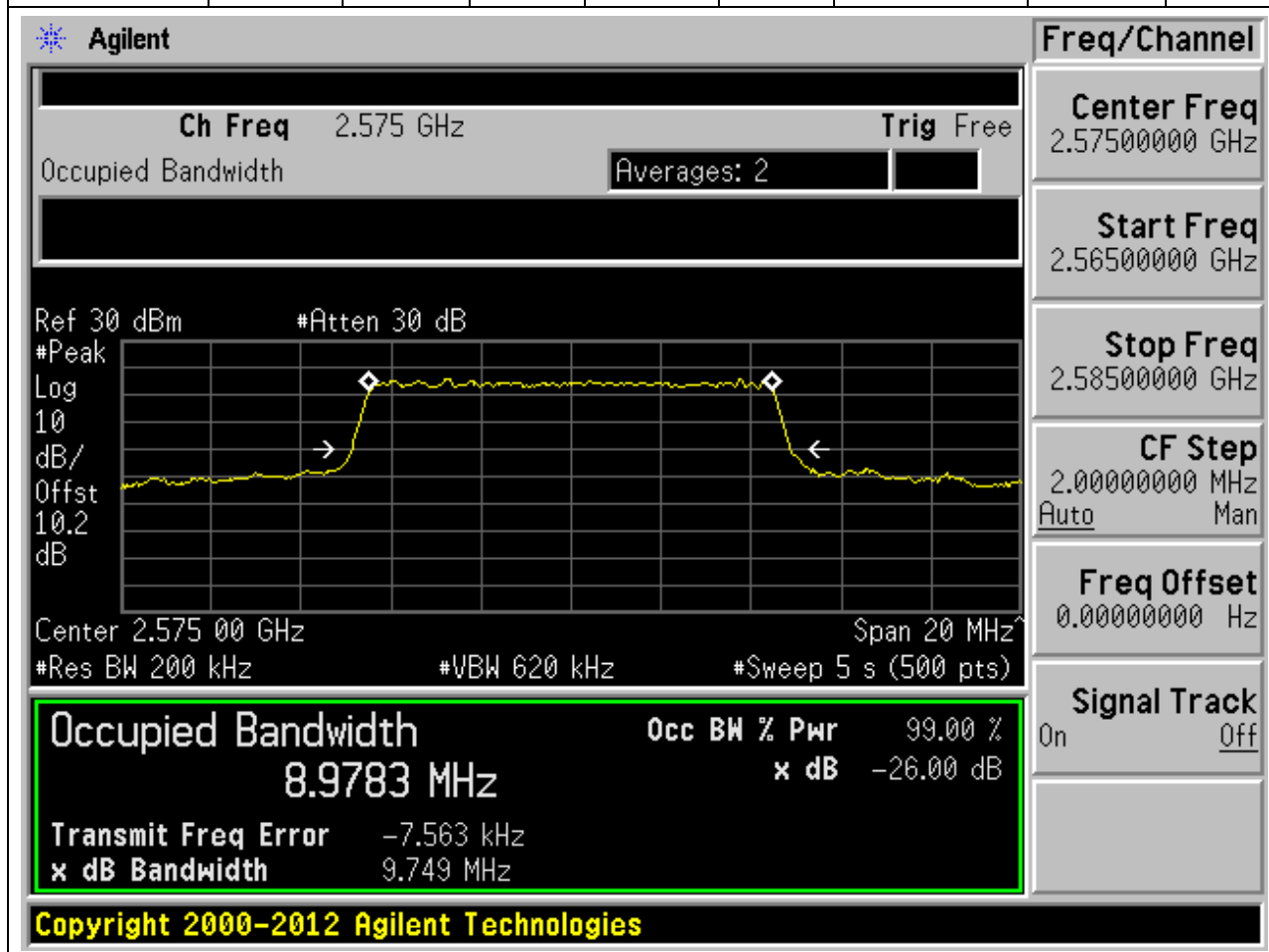
Freq/Channel	
Center Freq	2.57500000 GHz
Start Freq	2.56500000 GHz
Stop Freq	2.58500000 GHz
CF Step	2.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

Occupied Bandwidth 8.9828 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error 10.762 kHz
x dB Bandwidth 9.893 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.2	Peak	8.978	9.749	10	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.2	Peak	8.959	9.922	10	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9594 MHz x dB -26.00 dB

Transmit Freq Error -2.478 kHz

x dB Bandwidth 9.922 MHz

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Freq/Channel

Center Freq
2.59500000 GHz

Start Freq
2.58500000 GHz

Stop Freq
2.60500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

16.10. 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	8.953	9.742	10	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9530 MHz x dB -26.00 dB

Transmit Freq Error -8.116 kHz

x dB Bandwidth 9.742 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.2	Peak	8.975	9.858	10	Pass

Agilent

Ch Freq 2.615 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.615 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9753 MHz x dB -26.00 dB

Transmit Freq Error 3.232 kHz

x dB Bandwidth 9.858 MHz

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Freq/Channel

Center Freq 2.61500000 GHz

Start Freq 2.60500000 GHz

Stop Freq 2.62500000 GHz

CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.459	14.958	15	Pass

Agilent

Ch Freq 2.5775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.577 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Freq/Channel

Center Freq 2.57750000 GHz

Start Freq 2.56250000 GHz

Stop Freq 2.59250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4589 MHz

x dB -26.00 dB

Transmit Freq Error 3.582 kHz

x dB Bandwidth 14.958 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.416	14.803	15	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Freq/Channel

Center Freq 2.59500000 GHz

Start Freq 2.58000000 GHz

Stop Freq 2.61000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4157 MHz x dB -26.00 dB

Transmit Freq Error -4.727 kHz

x dB Bandwidth 14.803 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.3	Peak	13.467	14.823	15	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Freq/Channel

Center Freq 2.59500000 GHz

Start Freq 2.58000000 GHz

Stop Freq 2.61000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4669 MHz x dB -26.00 dB

Transmit Freq Error 14.448 kHz

x dB Bandwidth 14.823 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.3	Peak	13.434	15.47	15	Pass

Agilent
Freq/Channel

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.612 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Center Freq 2.61250000 GHz

Start Freq 2.59750000 GHz

Stop Freq 2.62750000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4344 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -6.401 kHz

x dB Bandwidth 15.470 MHz

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.93	19.351	20	Pass

Agilent

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.580 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9304 MHz x dB -26.00 dB

Transmit Freq Error 5.902 kHz

x dB Bandwidth 19.351 MHz

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Freq/Channel

Center Freq 2.58000000 GHz

Start Freq 2.56000000 GHz

Stop Freq 2.60000000 GHz

CF Step 4.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.905	19.465	20	Pass

Agilent
Freq/Channel

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq 2.58000000 GHz

Start Freq 2.56000000 GHz

Stop Freq 2.60000000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 30 dBm #Atten 30 dB

Center 2.580 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9052 MHz x dB -26.00 dB

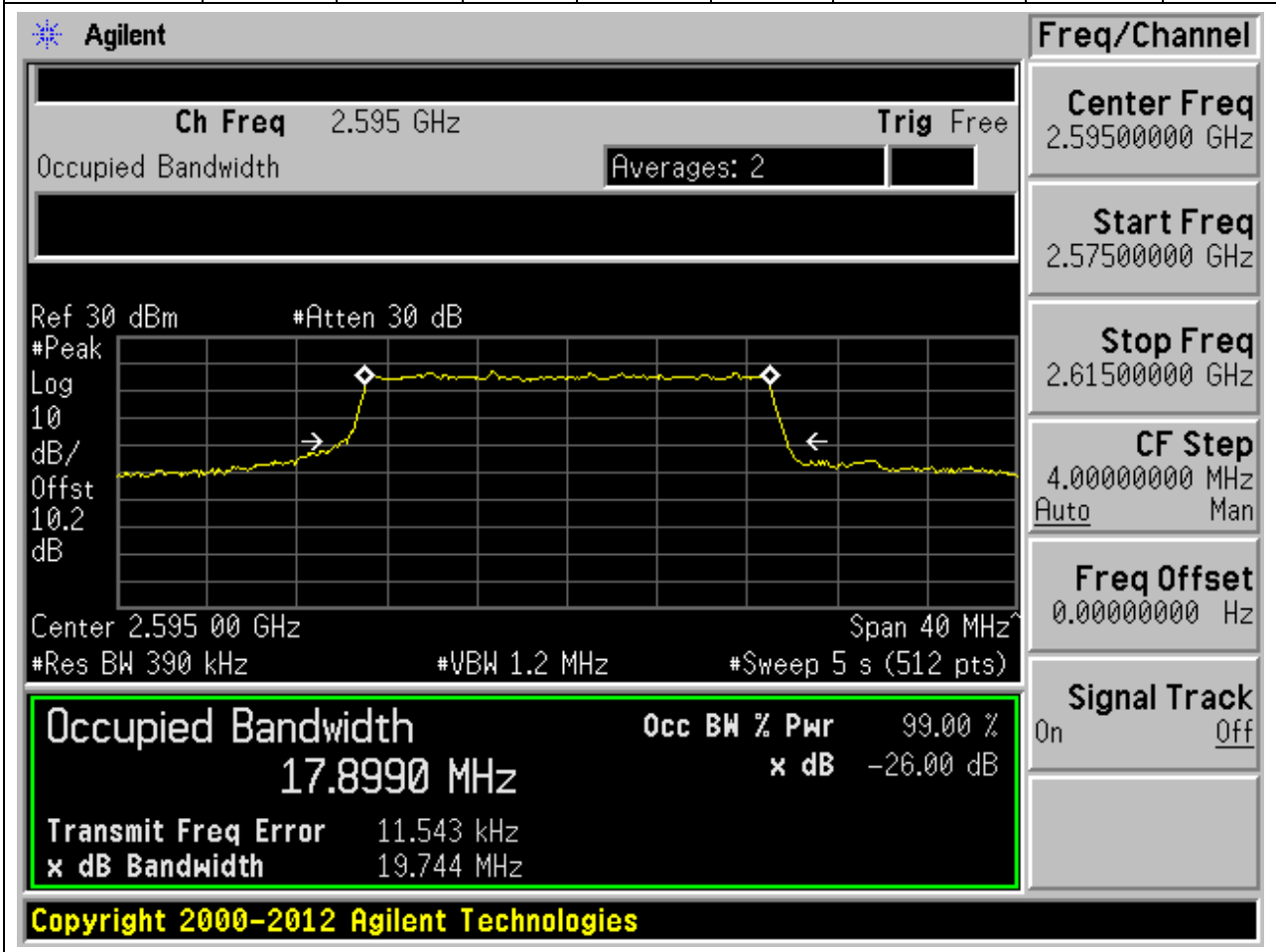
Transmit Freq Error -9.836 kHz

x dB Bandwidth 19.465 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	17.899	19.744	20	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.39	Peak	17.953	19.761	20	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.595 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Freq/Channel

Center Freq 2.59500000 GHz

Start Freq 2.57500000 GHz

Stop Freq 2.61500000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9531 MHz x dB -26.00 dB

Transmit Freq Error -5.239 kHz

x dB Bandwidth 19.761 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.39	Peak	17.924	19.732	20	Pass

Agilent

Ch Freq 2.61 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.610 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9243 MHz x dB -26.00 dB

Transmit Freq Error -6.562 kHz

x dB Bandwidth 19.732 MHz

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Freq/Channel

Center Freq 2.61000000 GHz

Start Freq 2.59000000 GHz

Stop Freq 2.63000000 GHz

CF Step 4.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

16ss.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	17.892	19.59	20	Pass

Agilent

Ch Freq 2.61 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.610 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.8919 MHz x dB -26.00 dB

Transmit Freq Error -10.464 kHz

x dB Bandwidth 19.590 MHz

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Freq/Channel

Center Freq 2.61000000 GHz

Start Freq 2.59000000 GHz

Stop Freq 2.63000000 GHz

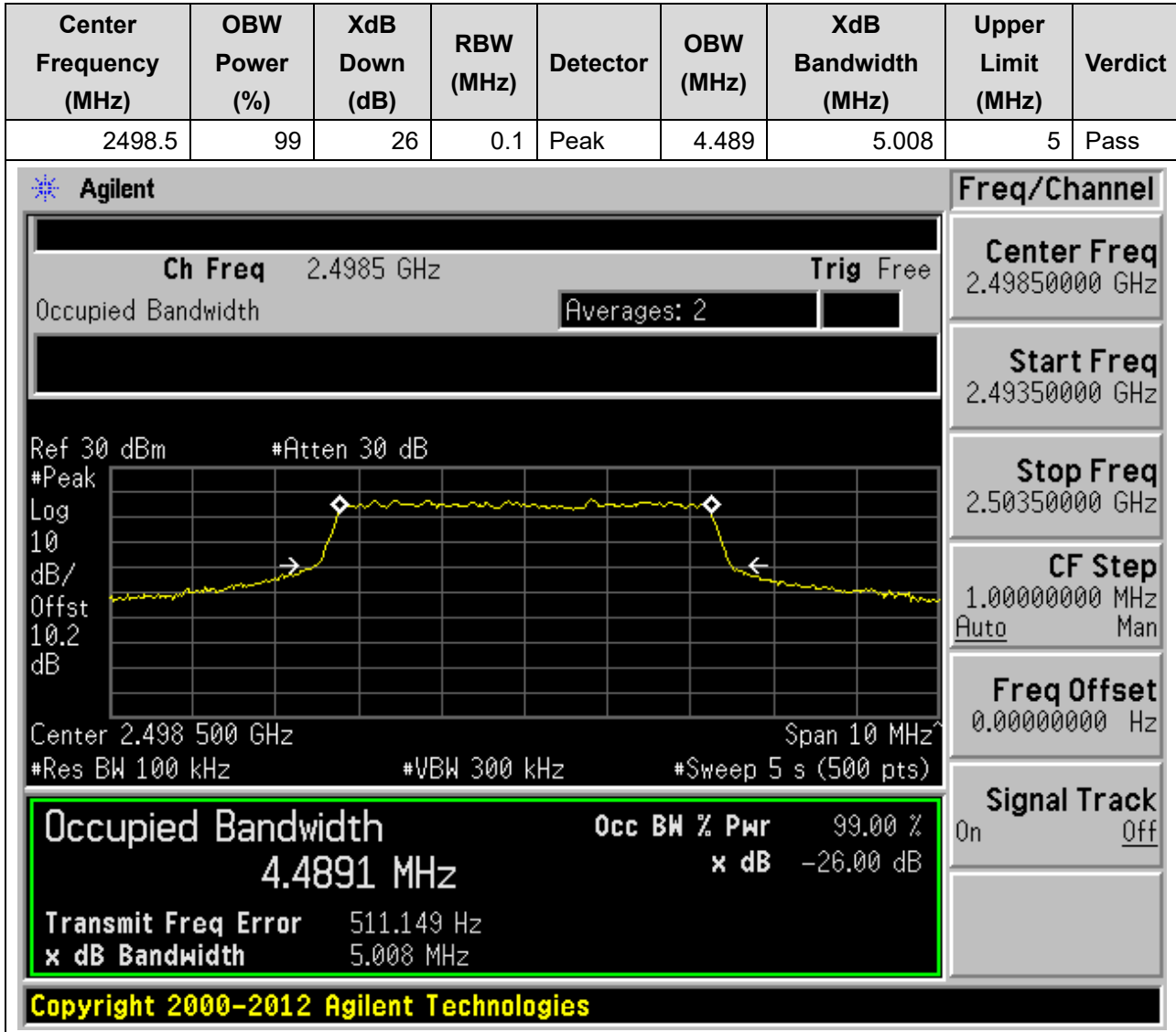
CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

17. LTE_Band41 full

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



17.2. 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	4.491	5.116	5	Pass

Agilent

Ch Freq 2.4985 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.498 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4913 MHz

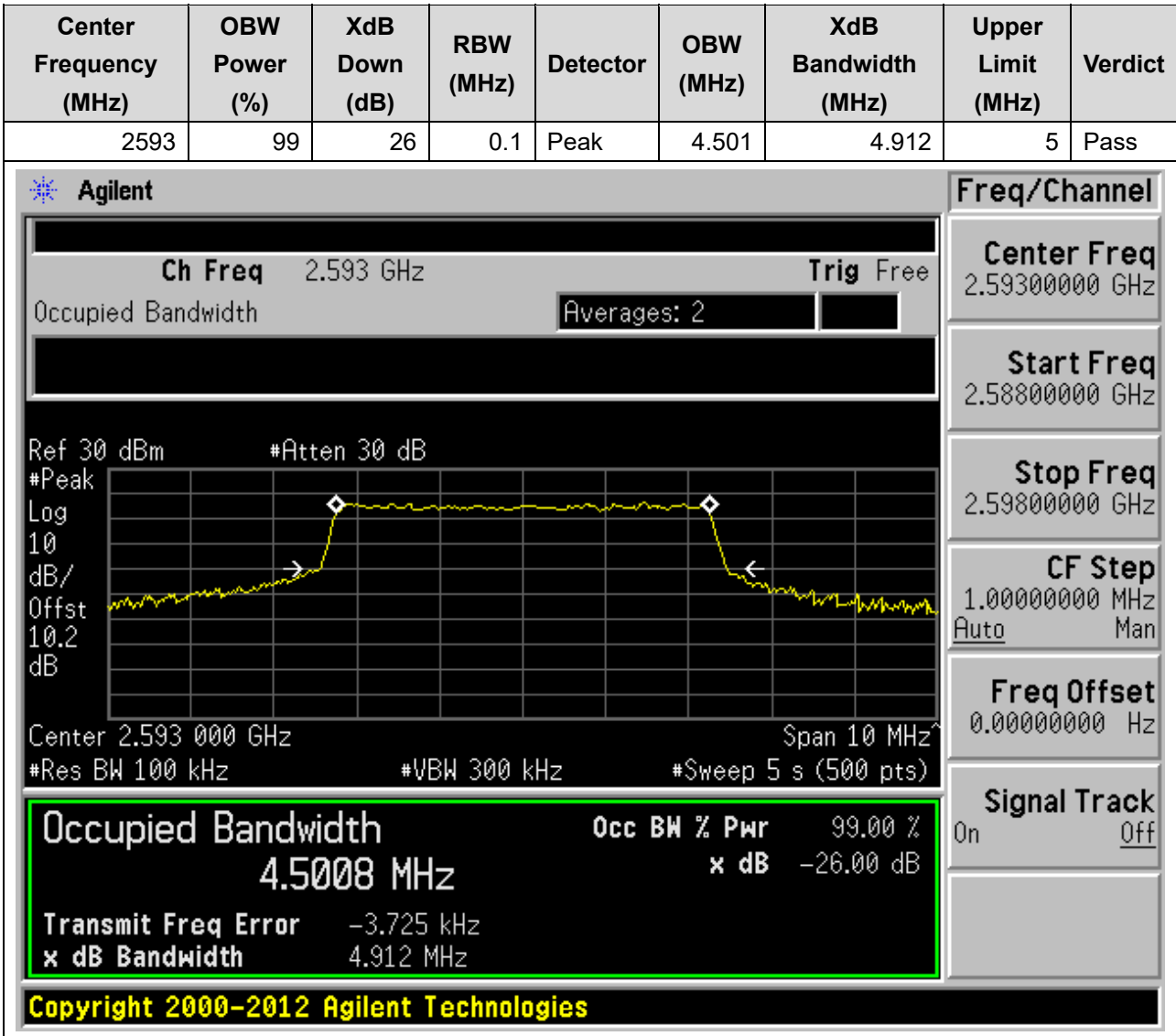
x dB -26.00 dB

Transmit Freq Error -5.184 kHz

x dB Bandwidth 5.116 MHz

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



17.4. 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	4.486	4.997	5	Pass

Agilent

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.593 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %
4.4859 MHz x dB -26.00 dB

Transmit Freq Error -862.887 Hz
x dB Bandwidth 4.997 MHz

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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

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



17.6. 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	5.032	5	Pass

Agilent

Ch Freq 2.6875 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.687 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4924 MHz x dB -26.00 dB

Transmit Freq Error 410.836 Hz

x dB Bandwidth 5.032 MHz

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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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.988	10.048	10	Pass

Agilent

Ch Freq 2.501 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.501 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 8 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9881 MHz x dB -26.00 dB

Transmit Freq Error 15.067 kHz

x dB Bandwidth 10.048 MHz

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Freq/Channel

Center Freq
2.50100000 GHz

Start Freq
2.49100000 GHz

Stop Freq
2.51100000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

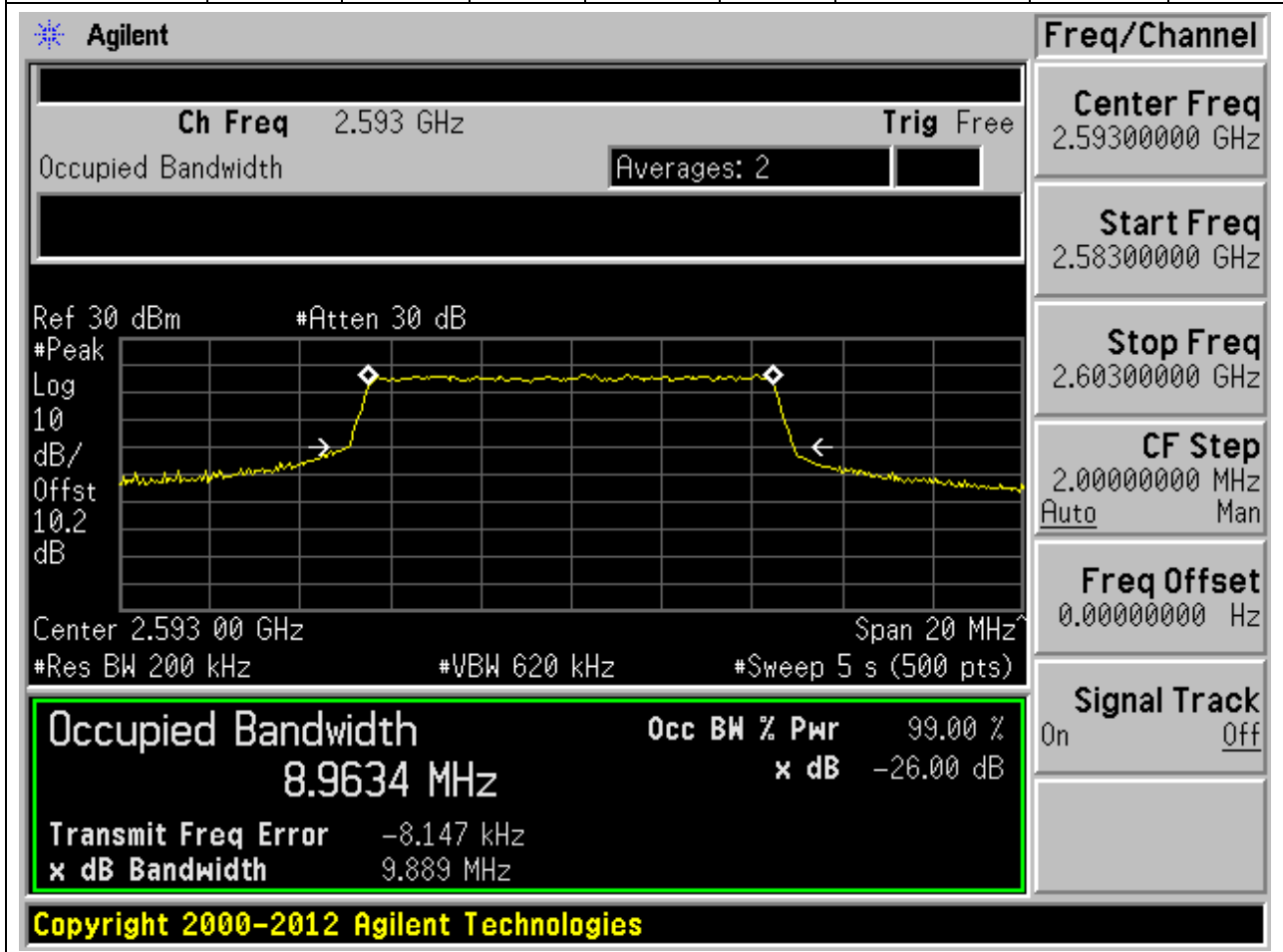
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.977	9.766	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.501 GHz and a span of 20 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 2.501 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 8.9769 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 423.423 Hz and the 'x dB Bandwidth' is 9.766 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

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

17.9. 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	8.963	9.889	10	Pass



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



17.11. 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	8.99	9.851	10	Pass

Agilent

Ch Freq 2.685 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dB #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.685 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9901 MHz x dB -26.00 dB

Transmit Freq Error -6.853 kHz

x dB Bandwidth 9.851 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	8.969	9.803	10	Pass

Agilent

Ch Freq 2.685 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.685 00 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 5 s (500 pts)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

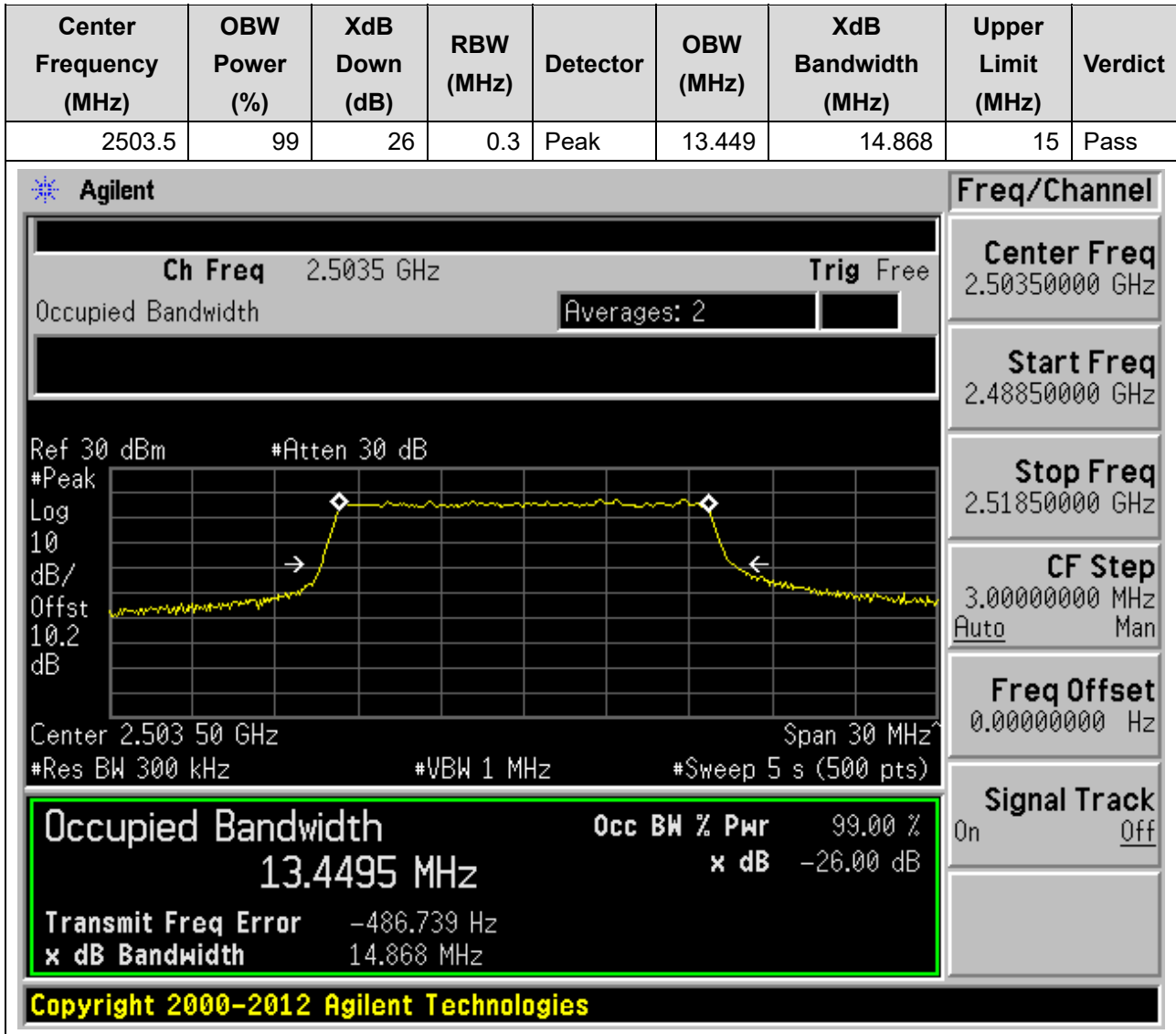
8.9691 MHz x dB -26.00 dB

Transmit Freq Error -6.997 kHz

x dB Bandwidth 9.803 MHz

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



17.14. 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	13.447	14.914	15	Pass

Agilent

Ch Freq 2.5035 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.2 dB

Center 2.503 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4467 MHz x dB -26.00 dB

Transmit Freq Error -11.485 kHz

x dB Bandwidth 14.914 MHz

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Freq/Channel

Center Freq 2.50350000 GHz

Start Freq 2.48850000 GHz

Stop Freq 2.51850000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

17.15. 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	13.431	14.827	15	Pass

Agilent

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 00 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 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 %

13.4314 MHz x dB -26.00 dB

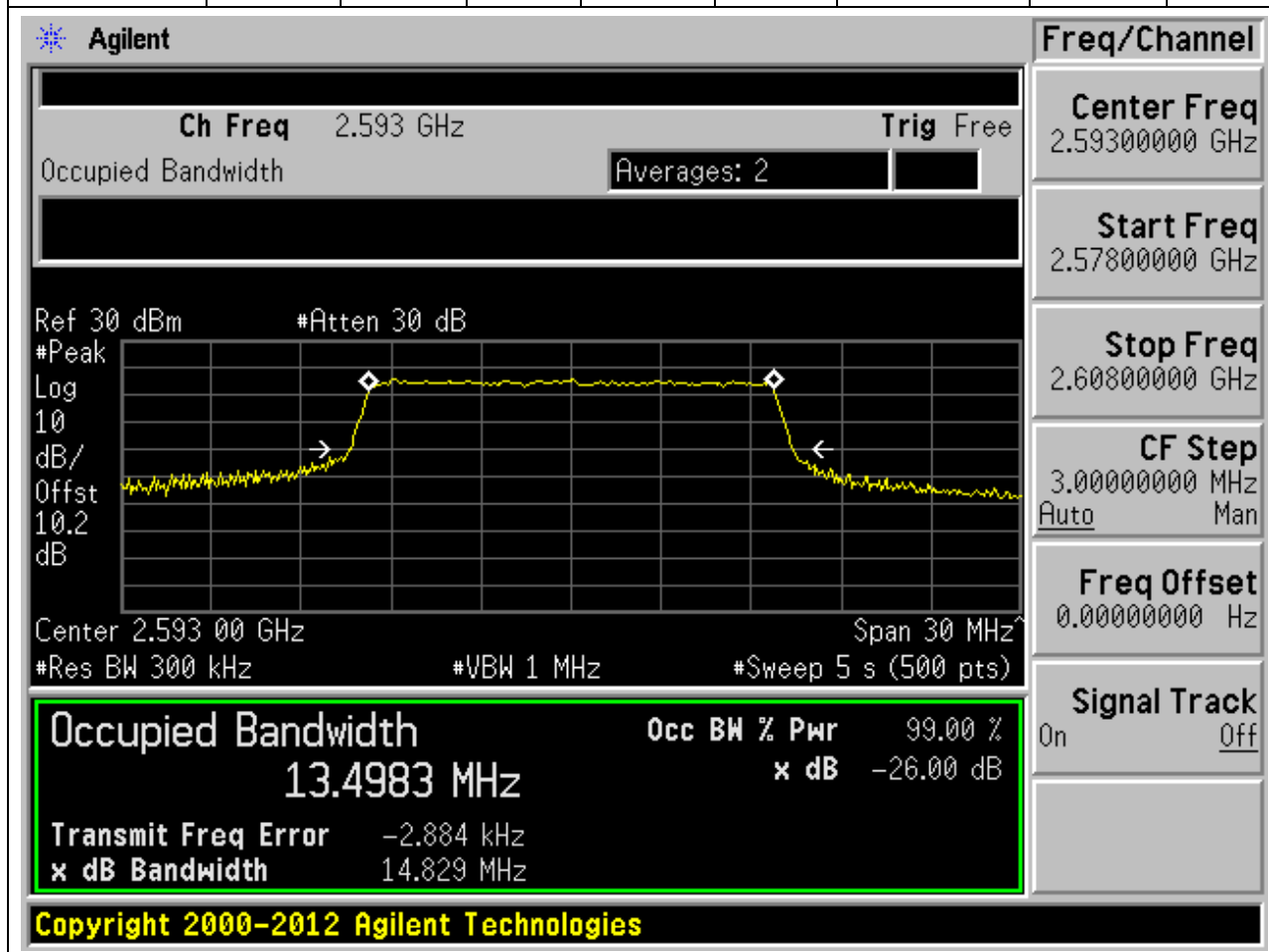
Transmit Freq Error -1.702 kHz

x dB Bandwidth 14.827 MHz

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17.16. 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	14.829	15	Pass



17.17. 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	13.44	15.437	15	Pass

Agilent

Ch Freq 2.6825 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.682 50 GHz Span 30 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4397 MHz x dB -26.00 dB

Transmit Freq Error -485.829 Hz

x dB Bandwidth 15.437 MHz

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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

17.18. 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	13.486	14.702	15	Pass

Agilent
Freq/Channel

Ch Freq 2.6825 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.682 50 GHz Span 30 MHz
#Res BW 300 kHz #VBW 1 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4861 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.892 kHz	
x dB Bandwidth	14.702 MHz	

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

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17.19. 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	17.928	19.336	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 10.2 dB

Center 2.506 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 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 %

17.9279 MHz

x dB -26.00 dB

Transmit Freq Error 3.711 kHz

x dB Bandwidth 19.336 MHz

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17.20. 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	17.9	19.444	20	Pass

Agilent
Freq/Channel

Ch Freq 2.506 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.506 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

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

17.9003 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -14.759 kHz

x dB Bandwidth 19.444 MHz

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17.21. 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	17.905	19.752	20	Pass

Agilent

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9052 MHz

x dB -26.00 dB

Transmit Freq Error 1.479 kHz

x dB Bandwidth 19.752 MHz

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17.22. 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	17.914	19.695	20	Pass

Agilent

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 2.593 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9143 MHz x dB -26.00 dB

Transmit Freq Error 7.522 kHz

x dB Bandwidth 19.695 MHz

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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

17.23. 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	17.921	19.763	20	Pass

Agilent

Ch Freq 2.68 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.680 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9213 MHz x dB -26.00 dB

Transmit Freq Error -20.662 kHz

x dB Bandwidth 19.763 MHz

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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

17.24. 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	17.89	19.5	20	Pass

Agilent

Ch Freq 2.68 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dB #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 2.680 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 1.2 MHz #Sweep 5 s (512 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.8896 MHz x dB -26.00 dB

Transmit Freq Error 9.110 kHz

x dB Bandwidth 19.500 MHz

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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

18. CA_7C

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



18.2. 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	27.75	29.56	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5353 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 2.535 30 GHz Span 60 MHz

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

Center Freq 2.53530000 GHz

Start Freq 2.50530000 GHz

Stop Freq 2.56530000 GHz

CF Step 6.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.7549 MHz x dB -26.00 dB

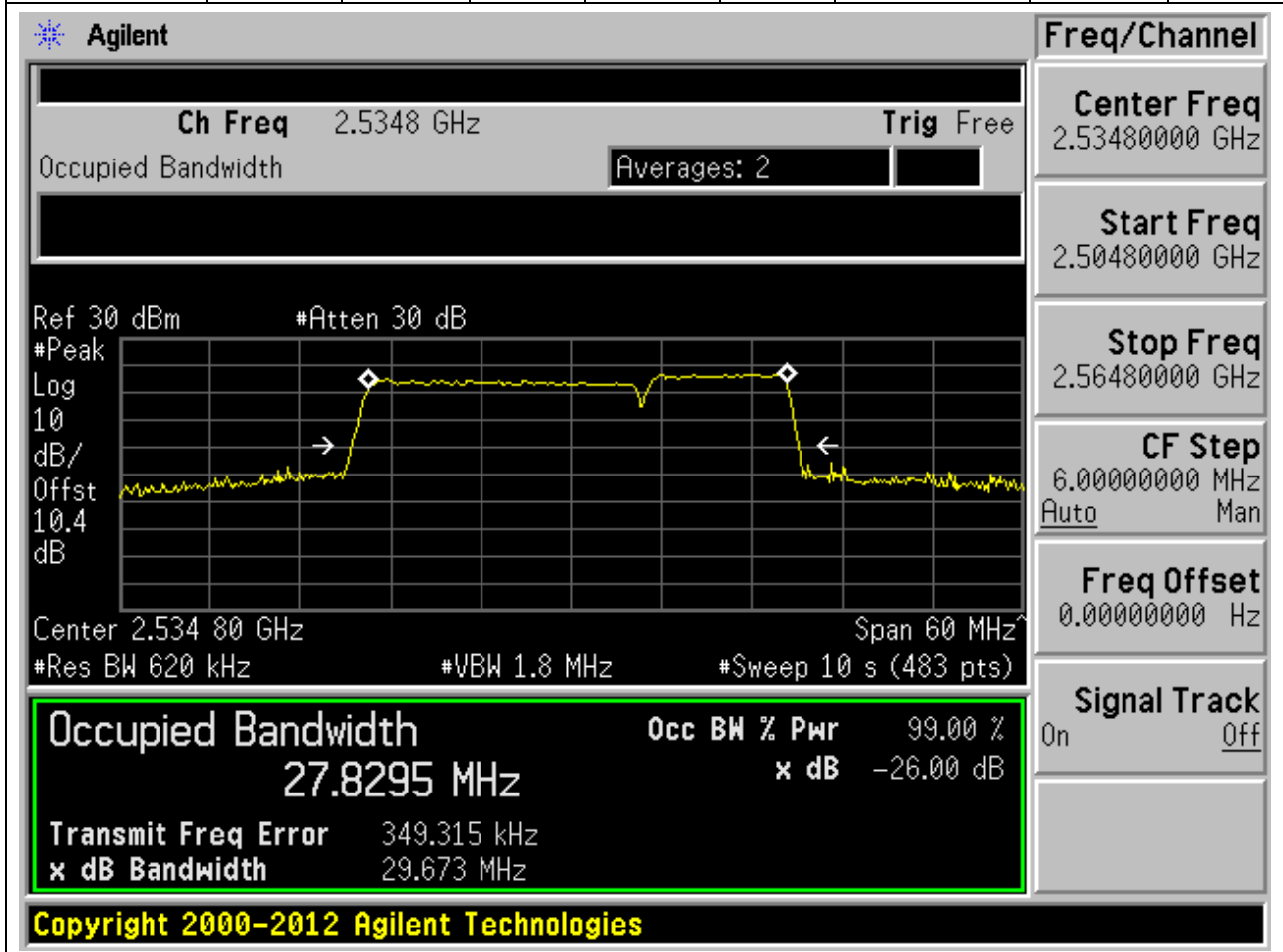
Transmit Freq Error -303.402 kHz

x dB Bandwidth 29.557 MHz

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18.3. 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	27.83	29.67	30	Pass



18.4. 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	27.81	29.55	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5348 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 2.534 80 GHz Span 60 MHz

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

Center Freq 2.53480000 GHz

Start Freq 2.50480000 GHz

Stop Freq 2.56480000 GHz

CF Step 6.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.8078 MHz x dB -26.00 dB

Transmit Freq Error 335.772 kHz

x dB Bandwidth 29.551 MHz

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18.5. 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	28.42	30.42	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.535 GHz and a span of 60 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 2.535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 28.4165 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -3.578 kHz and the 'x dB Bandwidth' is 30.420 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

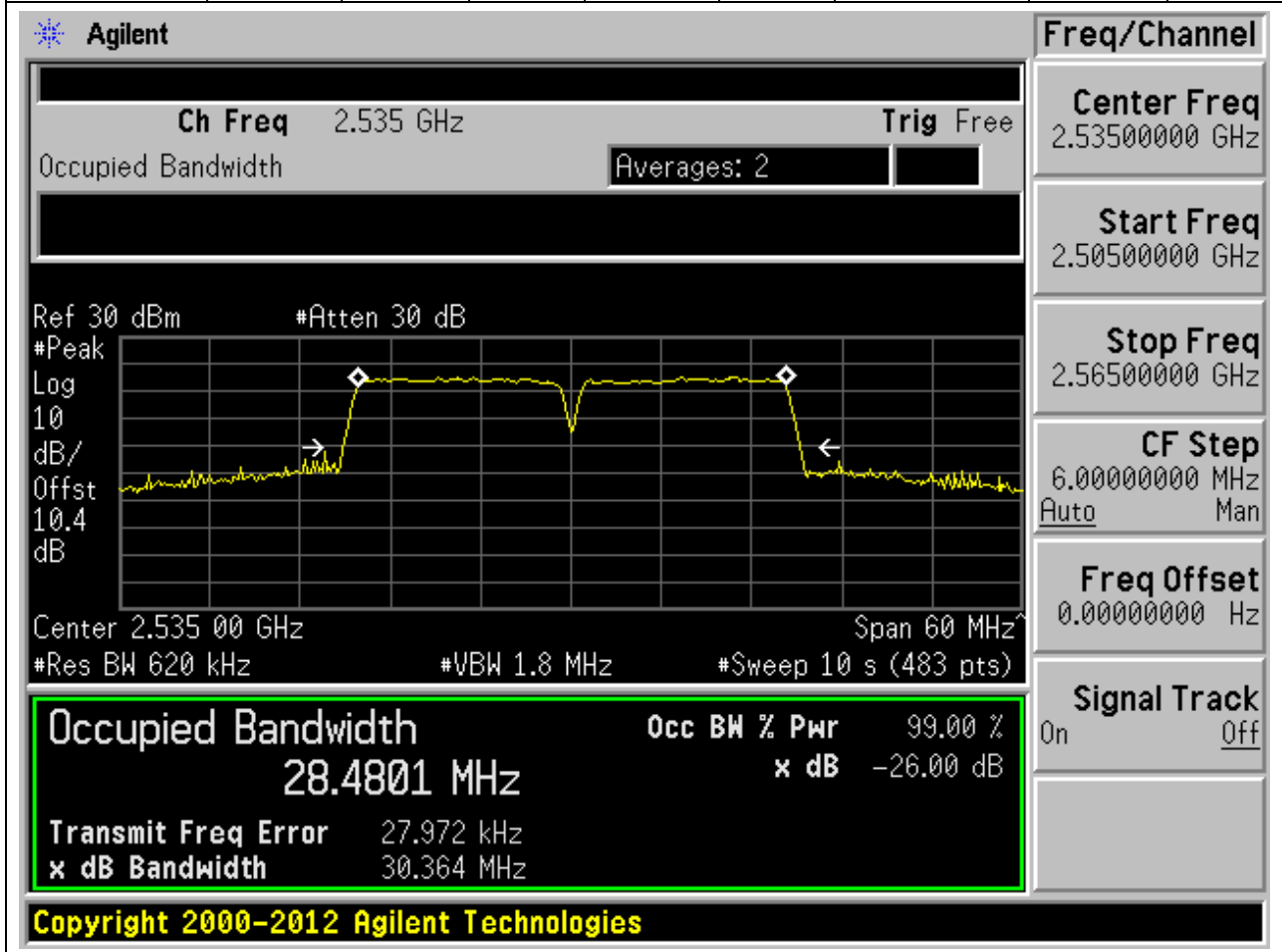
Freq/Channel	
Center Freq	2.53500000 GHz
Start Freq	2.50500000 GHz
Stop Freq	2.56500000 GHz
CF Step	6.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

Occupied Bandwidth 28.4165 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error -3.578 kHz
x dB Bandwidth 30.420 MHz

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18.6. 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	28.48	30.36	30	Pass



18.7. 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	32.73	34.93	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5351 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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 10 s (514 pts)

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

32.7319 MHz **x dB** -26.00 dB

Transmit Freq Error -128.986 kHz

x dB Bandwidth 34.929 MHz

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18.8. 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	32.64	34.84	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5351 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 2.535 10 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 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

Occupied Bandwidth	Occ BW % Pwr	99.00 %				
32.6424 MHz	x dB	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 0.9em;">Transmit Freq Error</td> <td style="text-align: right;">-142.901 kHz</td> </tr> <tr> <td style="font-size: 0.9em;">x dB Bandwidth</td> <td style="text-align: right;">34.845 MHz</td> </tr> </table>			Transmit Freq Error	-142.901 kHz	x dB Bandwidth	34.845 MHz
Transmit Freq Error	-142.901 kHz					
x dB Bandwidth	34.845 MHz					

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18.9. 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	32.67	35.29	35	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.5349 GHz. The occupied bandwidth is 32.6745 MHz, which is 99.00% of the power. The XdB bandwidth is 35.289 MHz. The XdB down is 26 dB. The RBW is 0.68 MHz. The detector is set to Peak. The upper limit is 35 MHz. The verdict is Pass.

Occupied Bandwidth 32.6745 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 180.793 kHz
x dB Bandwidth 35.289 MHz

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18.10. 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	32.67	34.76	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 2.534 90 GHz Span 70 MHz

#Res BW 680 kHz #VBW 2 MHz #Sweep 10 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

32.6728 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 189.882 kHz

x dB Bandwidth 34.761 MHz

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18.11. 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	37.64	40	40	Pass

Agilent

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 80 MHz

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

Freq/Channel

Center Freq 2.53500000 GHz

Start Freq 2.49500000 GHz

Stop Freq 2.57500000 GHz

CF Step 8.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

37.6438 MHz x dB -26.00 dB

Transmit Freq Error 39.673 kHz

x dB Bandwidth 40.002 MHz

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18.12. 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	37.52	40.12	40	Pass

Agilent
Freq/Channel

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.4 dB

Center 2.535 00 GHz Span 80 MHz

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

Center Freq 2.53500000 GHz

Start Freq 2.49500000 GHz

Stop Freq 2.57500000 GHz

CF Step 8.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

37.5175 MHz x dB -26.00 dB

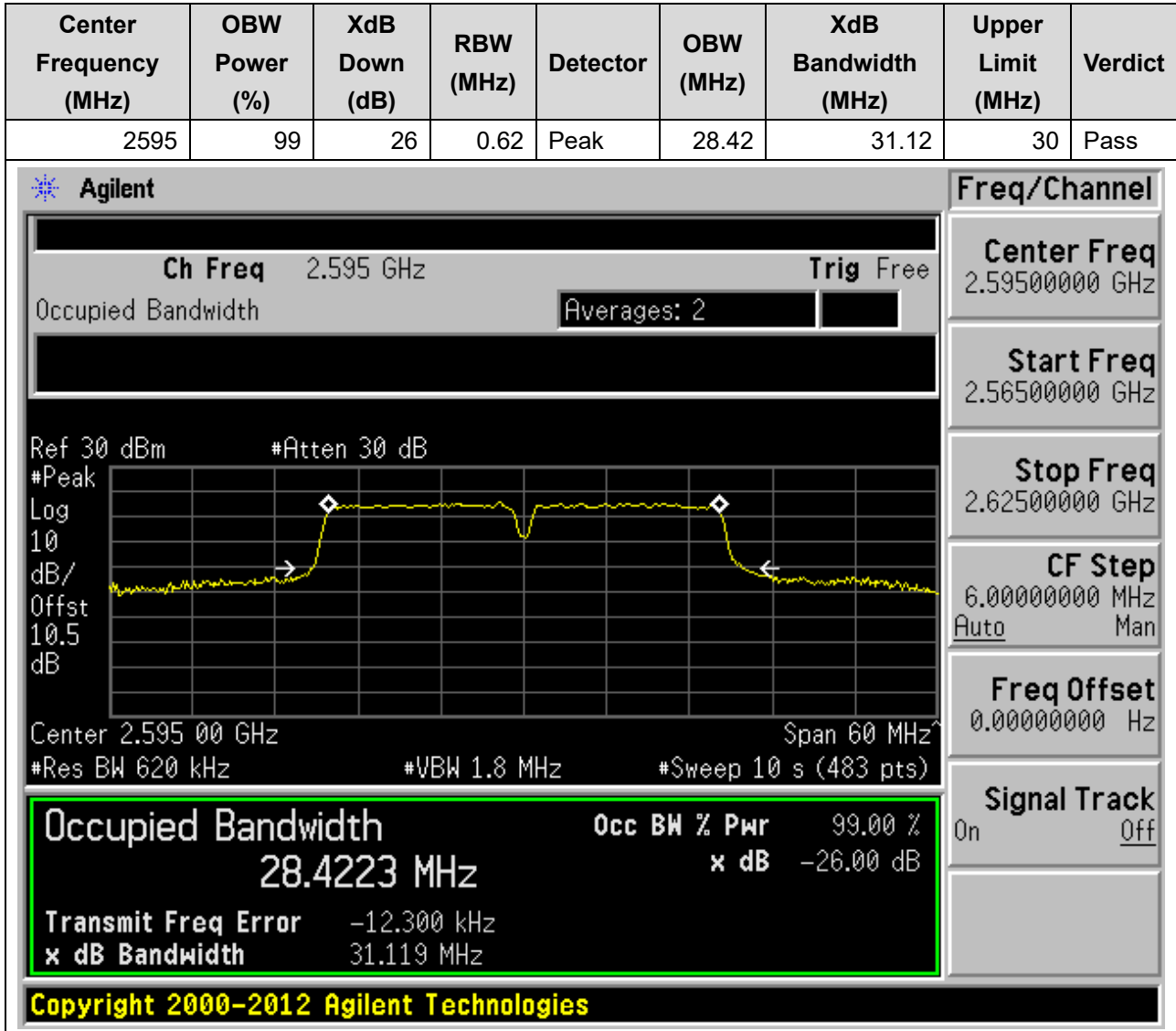
Transmit Freq Error 30.680 kHz

x dB Bandwidth 40.118 MHz

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19. CA_38C

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



19.2. 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	28.48	30.58	30	Pass

Agilent
Freq/Channel

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/

Offst 10.5 dB

Center 2.595 00 GHz Span 60 MHz

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

Center Freq 2.59500000 GHz

Start Freq 2.56500000 GHz

Stop Freq 2.62500000 GHz

CF Step 6.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

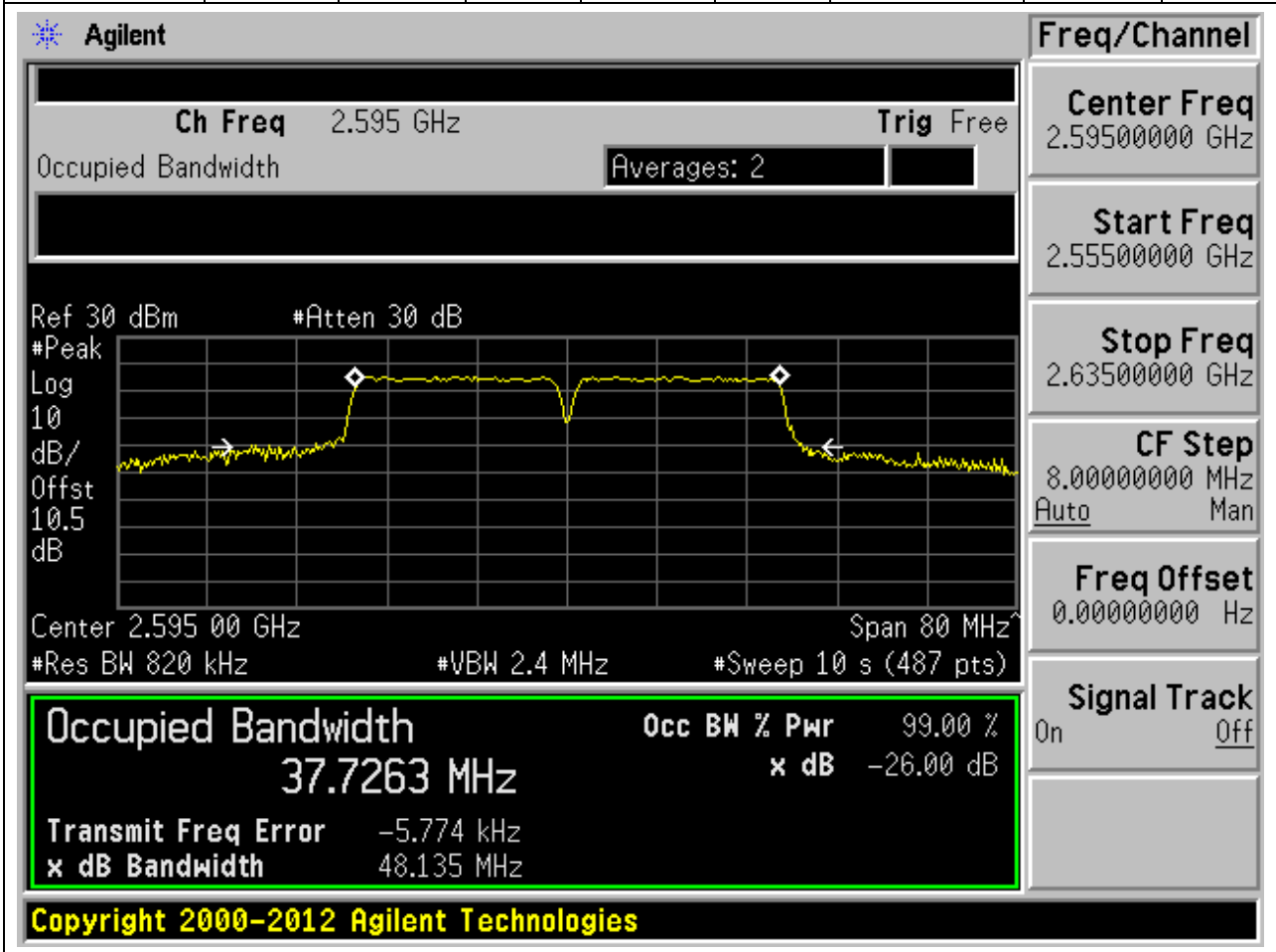
Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr 99.00 %
28.4837 MHz	x dB -26.00 dB
Transmit Freq Error -281.909 Hz	
x dB Bandwidth 30.581 MHz	

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19.3. 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	37.73	48.13	40	Pass



19.4. 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	37.66	48.18	40	Pass

Agilent
Freq/Channel

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 2.595 00 GHz Span 80 MHz

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

Center Freq 2.59500000 GHz

Start Freq 2.55500000 GHz

Stop Freq 2.63500000 GHz

CF Step 8.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

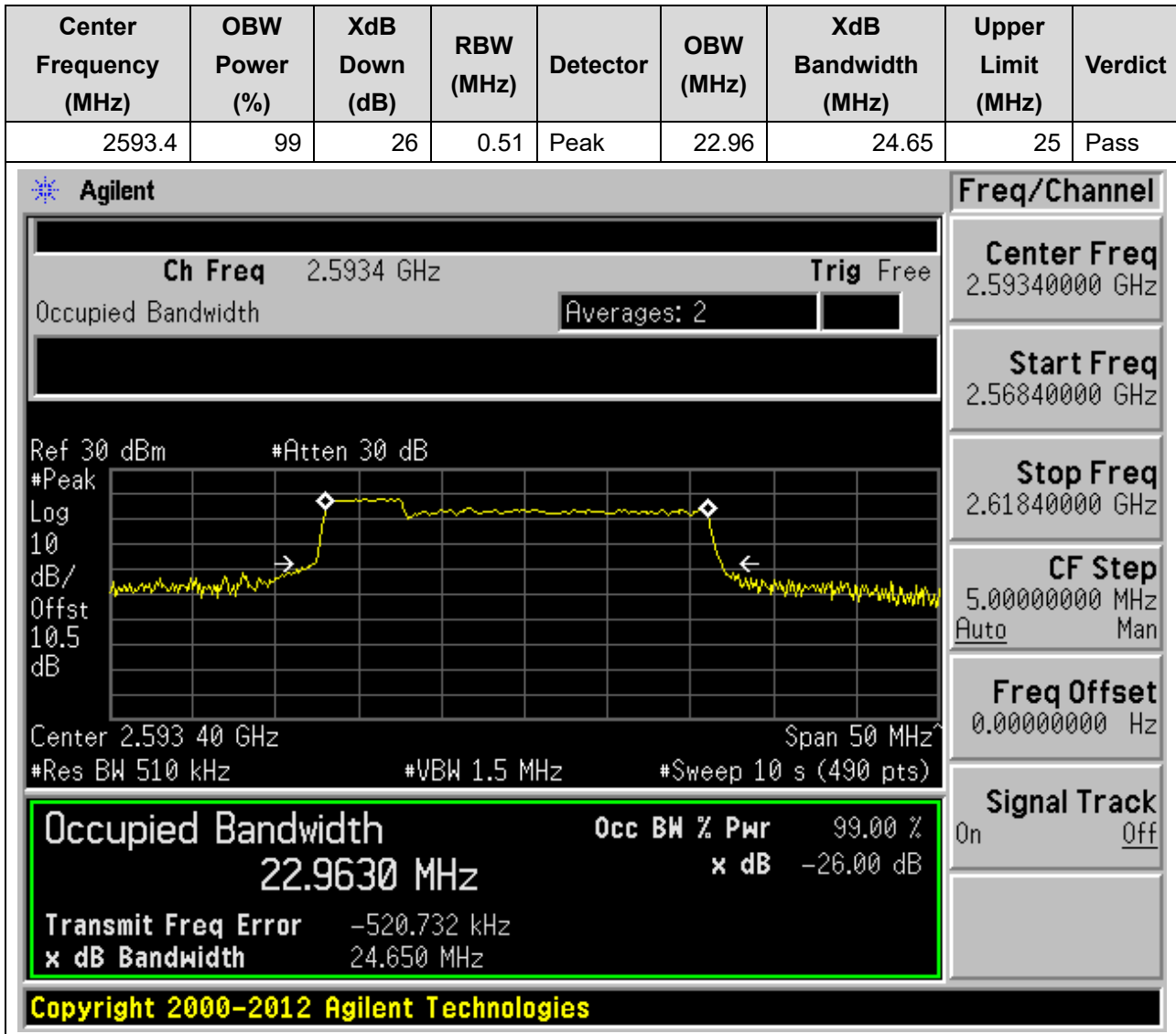
Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr 99.00 %
37.6584 MHz	x dB -26.00 dB
Transmit Freq Error -24.296 kHz	
x dB Bandwidth 48.178 MHz	

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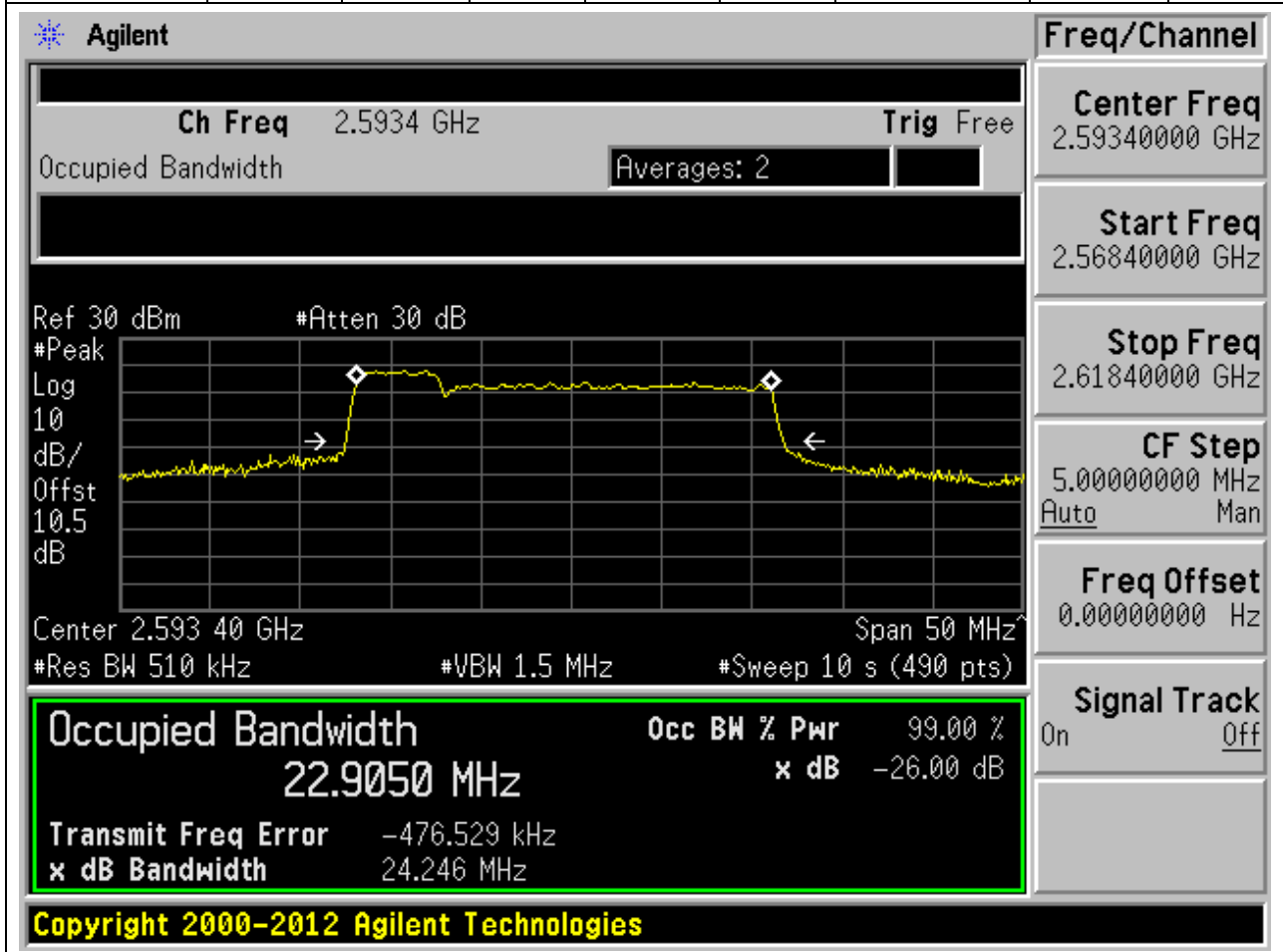
20. CA_41C_full

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



20.2. 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	24.25	25	Pass



20.3. 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	22.95	24.75	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 2.5926 GHz and a span of 50 MHz. The vertical axis is labeled 'dB' and the horizontal axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 2.5926 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 22.9536 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 481.577 kHz and the 'x dB Bandwidth' is 24.750 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the screen.

Parameter	Value
Ch Freq	2.5926 GHz
Trig	Free
Averages	2
Ref	30 dBm
#Atten	30 dB
#Peak	Log
Log	10
dB/	Offst
Offst	10.5
dB	
Center	2.592 60 GHz
Span	50 MHz
#Res BW	510 kHz
#VBW	1.5 MHz
#Sweep	10 s (490 pts)
Occupied Bandwidth	22.9536 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	481.577 kHz
x dB Bandwidth	24.750 MHz

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20.4. 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	22.93	24.52	25	Pass

Agilent

Ch Freq 2.5926 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.592 60 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 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 %

22.9343 MHz

x dB -26.00 dB

Transmit Freq Error 497.808 kHz

x dB Bandwidth 24.518 MHz

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20.5. 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	27.85	31.08	30	Pass

Agilent

Ch Freq 2.5933 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 30 GHz Span 60 MHz

#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 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 %

27.8460 MHz x dB -26.00 dB

Transmit Freq Error -330.426 kHz

x dB Bandwidth 31.079 MHz

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20.6. 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	27.77	30.14	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5933 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 30 GHz Span 60 MHz

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

Center Freq 2.59330000 GHz

Start Freq 2.56330000 GHz

Stop Freq 2.62330000 GHz

CF Step 6.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

27.7748 MHz

Transmit Freq Error -339.654 kHz

x dB Bandwidth 30.141 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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20.7. 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	27.85	29.74	30	Pass

Agilent

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.592 80 GHz Span 60 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.8538 MHz

x dB -26.00 dB

Transmit Freq Error 324.141 kHz

x dB Bandwidth 29.735 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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.8	99	26	0.62	Peak	27.81	29.72	30	Pass

Agilent
Freq/Channel

Ch Freq 2.5928 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.592 80 GHz Span 60 MHz

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

Center Freq 2.59280000 GHz

Start Freq 2.56280000 GHz

Stop Freq 2.62280000 GHz

CF Step 6.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.8121 MHz x dB -26.00 dB

Transmit Freq Error 332.134 kHz

x dB Bandwidth 29.721 MHz

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20.9. 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	28.42	31	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.593 GHz. The occupied bandwidth is 28.4217 MHz, which is 99.00% of the 31 MHz bandwidth. The power level is -26.00 dB. The plot shows a signal with a central dip and side lobes. The interface includes various control panels and a data summary table.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
28.4217 MHz		x dB	-26.00 dB
Transmit Freq Error		-14.553 kHz	
x dB Bandwidth		31.002 MHz	

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20.10. 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	28.49	31.01	30	Pass

Agilent
Freq/Channel

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 60 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

28.4875 MHz x dB -26.00 dB

Transmit Freq Error 13.380 kHz

x dB Bandwidth 31.011 MHz

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

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20.11. 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	32.79	35.72	35	Pass

Agilent

Ch Freq 2.5931 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 10 GHz Span 70 MHz

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

Freq/Channel

Center Freq 2.59310000 GHz

Start Freq 2.55810000 GHz

Stop Freq 2.62810000 GHz

CF Step 7.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.7863 MHz

x dB -26.00 dB

Transmit Freq Error -186.109 kHz

x dB Bandwidth 35.720 MHz

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20.12. 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	32.68	34.97	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5931 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 10 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.6820 MHz	x dB -26.00 dB
Transmit Freq Error -197.943 kHz	
x dB Bandwidth 34.974 MHz	

Signal Track	Off
On	Off

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20.13. 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	32.81	39.44	35	Pass

Agilent

Ch Freq 2.5929 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.592 90 GHz Span 70 MHz

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

Freq/Channel

Center Freq 2.59290000 GHz

Start Freq 2.55790000 GHz

Stop Freq 2.62790000 GHz

CF Step 7.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

32.8056 MHz x dB -26.00 dB

Transmit Freq Error 151.093 kHz

x dB Bandwidth 39.442 MHz

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20.14. 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	32.77	36.06	35	Pass

Agilent
Freq/Channel

Ch Freq 2.5929 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.592 90 GHz Span 70 MHz

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

Center Freq 2.59290000 GHz

Start Freq 2.55790000 GHz

Stop Freq 2.62790000 GHz

CF Step 7.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

32.7666 MHz

Transmit Freq Error 175.089 kHz

x dB Bandwidth 36.062 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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20.15. 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	37.77	53.24	40	Pass

Agilent

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.593 00 GHz Span 80 MHz

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

Freq/Channel

Center Freq 2.59300000 GHz

Start Freq 2.55300000 GHz

Stop Freq 2.63300000 GHz

CF Step 8.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

37.7704 MHz

x dB -26.00 dB

Transmit Freq Error 43.763 kHz

x dB Bandwidth 53.243 MHz

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20.16. 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	37.71	47.49	40	Pass

Agilent
Freq/Channel

Ch Freq 2.593 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 2.593 00 GHz Span 80 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
37.7051 MHz	x dB -26.00 dB
Transmit Freq Error 6.337 kHz	
x dB Bandwidth 47.488 MHz	

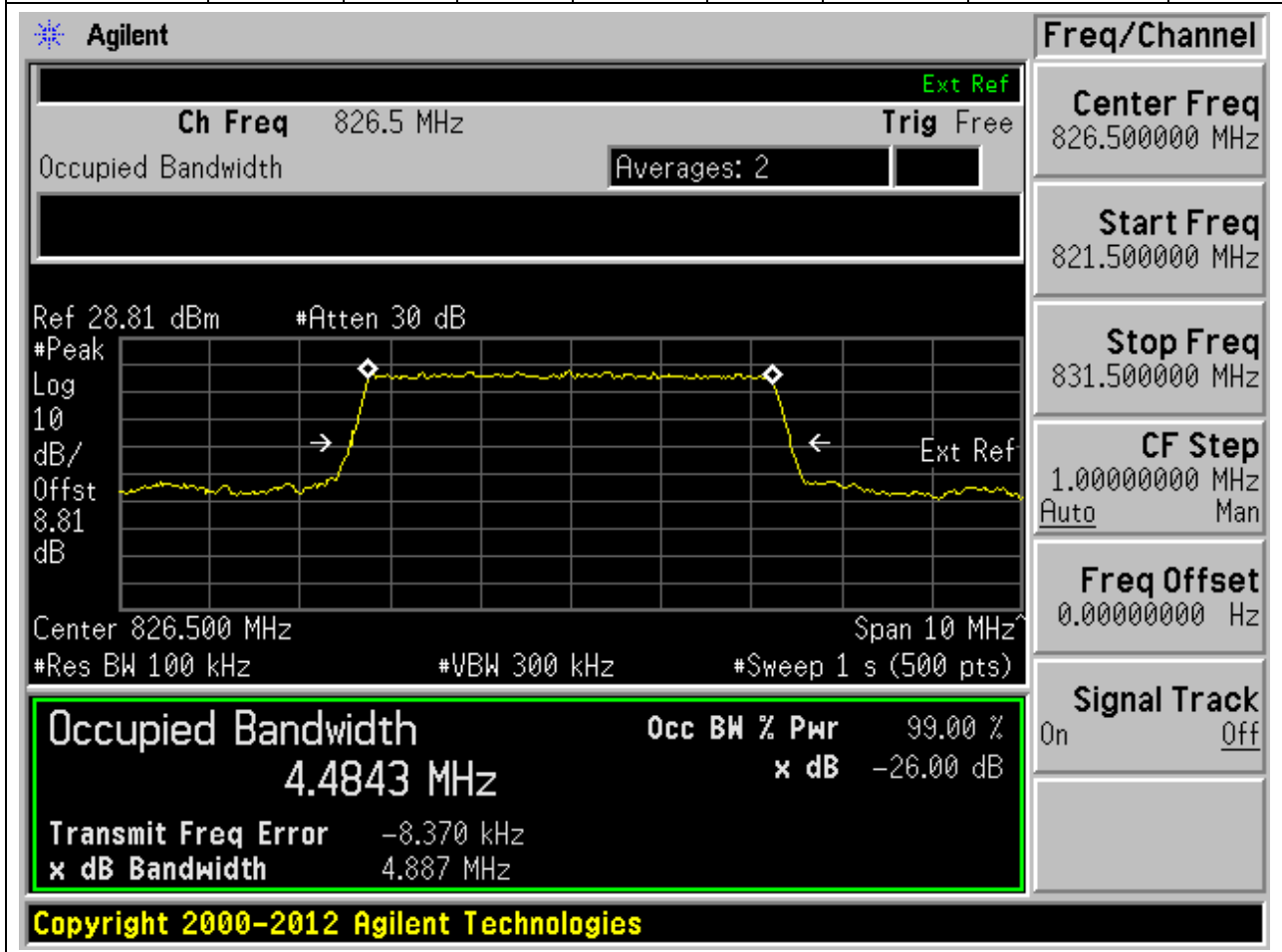
Start Freq 2.55300000 GHz	Stop Freq 2.63300000 GHz
CF Step 8.00000000 MHz Auto Man	
Freq Offset 0.00000000 Hz	
Signal Track On Off	

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21. NR_n5_SCS15_5M_L_Outer Full(Pi2-BPSK)

21.1. NR Occupied Bandwidth(NTNV)

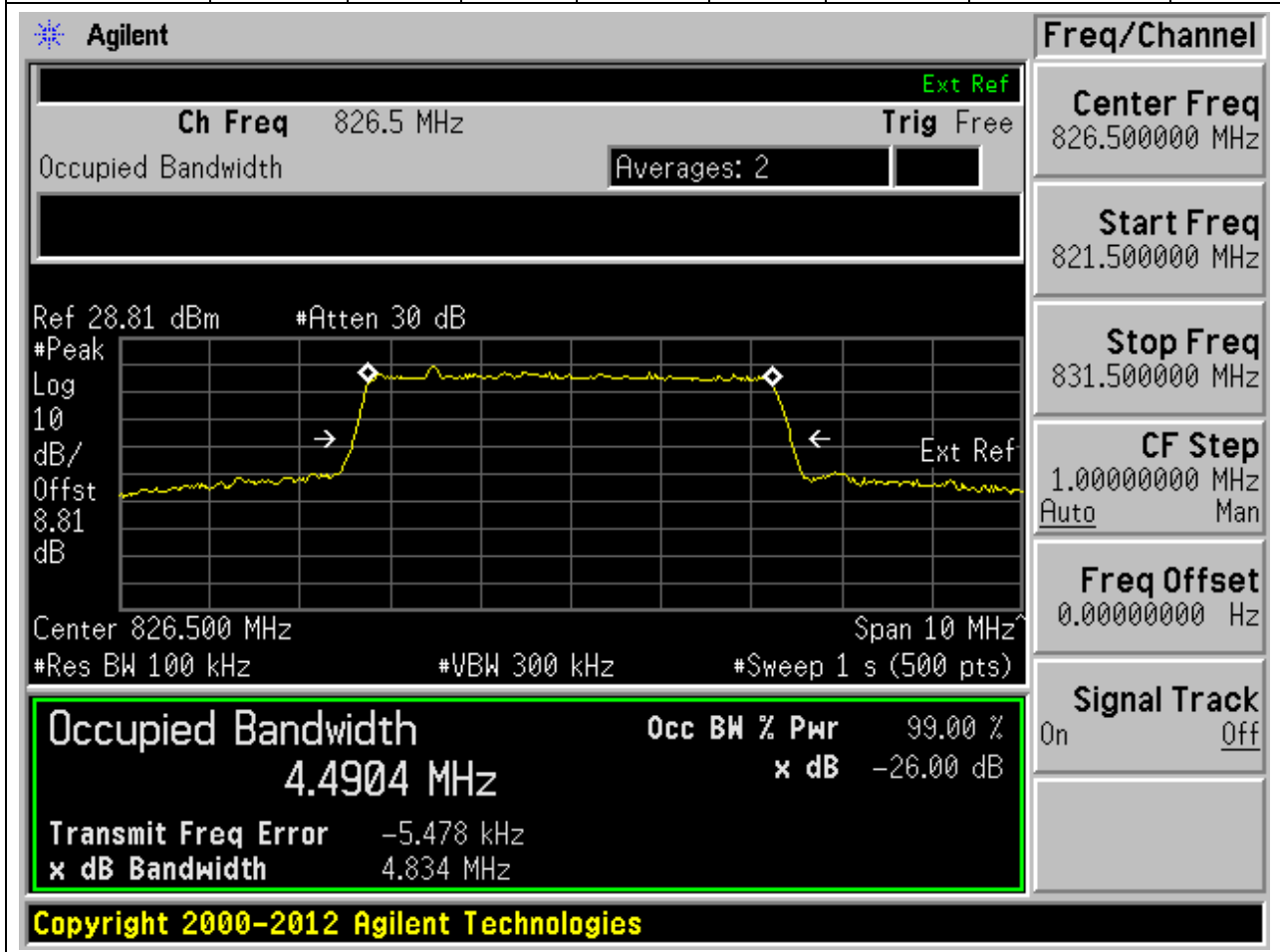
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
826.5	99.00	26	0.1	Peak	5	4.484278	4.887424	Pass



21. NR_n5_SCS15_5M_L_Outer Full(QPSK)

21.2. NR Occupied Bandwidth(NTNV)

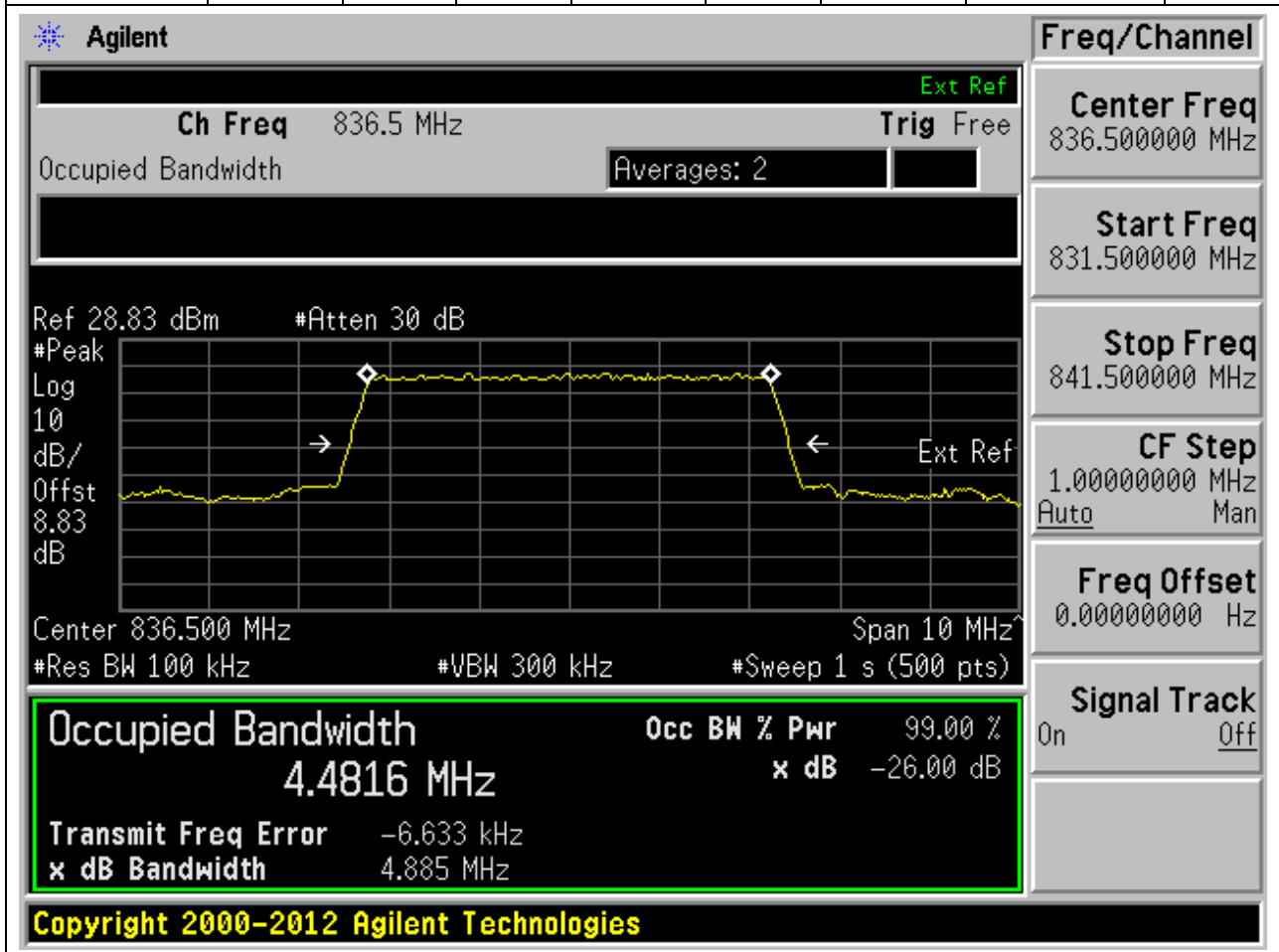
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
826.5	99.00	26	0.1	Peak	5	4.490388	4.834355	Pass



21. NR_n5_SCS15_5M_M_Outer Full(Pi2-BPSK)

21.3. NR Occupied Bandwidth(NTNV)

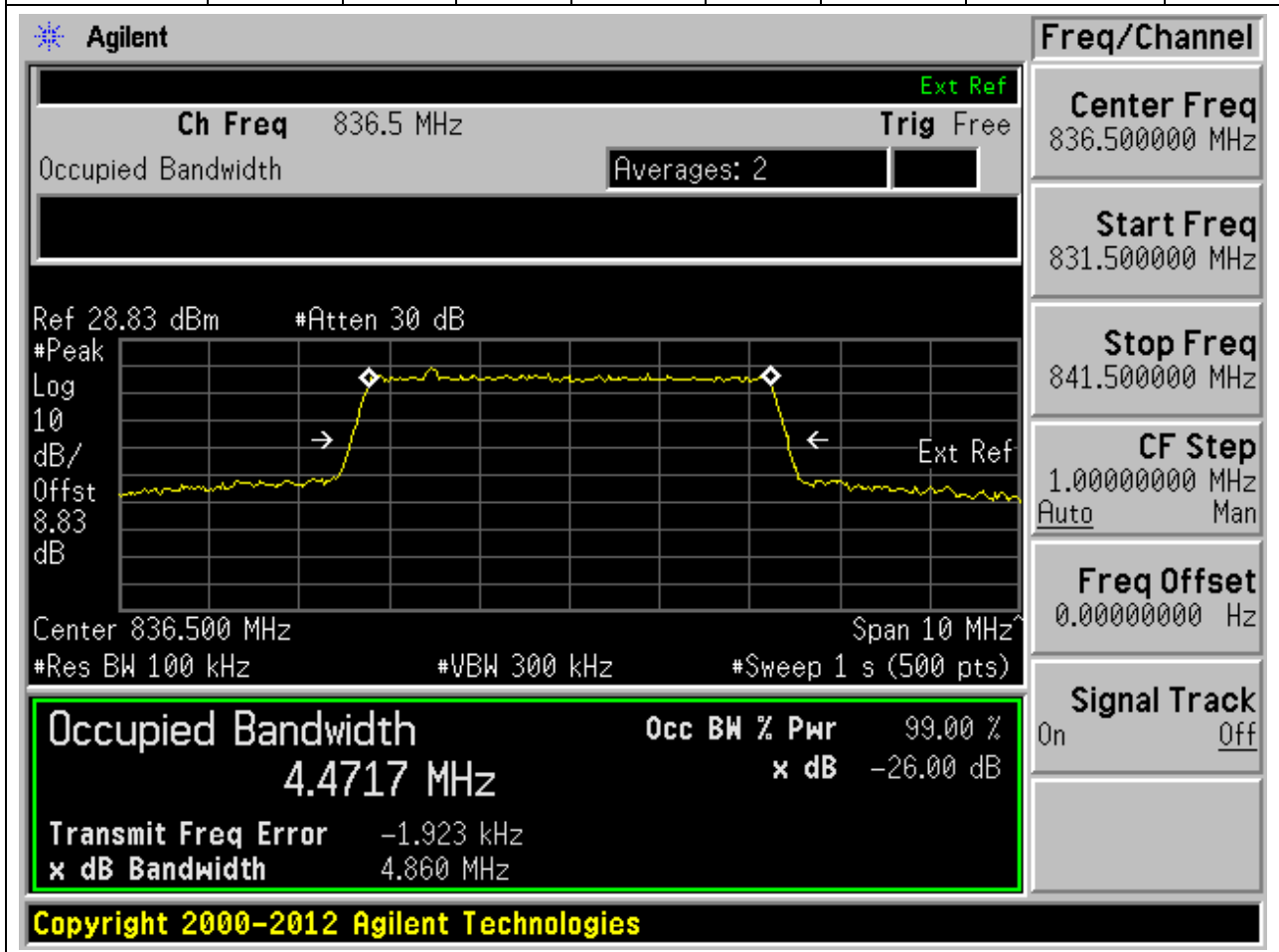
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.1	Peak	5	4.481618	4.884506	Pass



21. NR_n5_SCS15_5M_M_Outer Full(QPSK)

21.4. NR Occupied Bandwidth(NTNV)

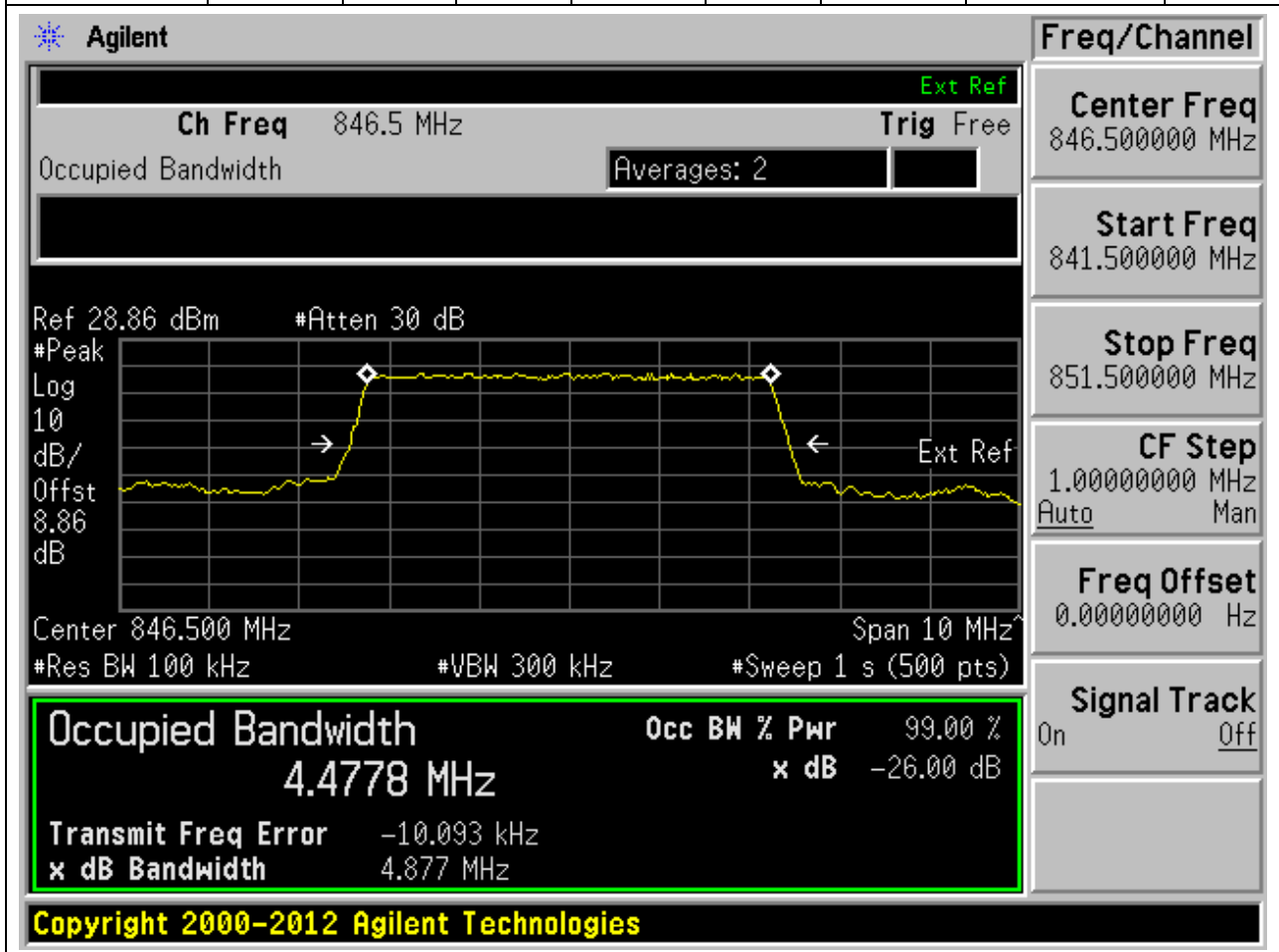
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.1	Peak	5	4.471696	4.85954	Pass



21. NR_n5_SCS15_5M_H_Outer Full(Pi2-BPSK)

21.5. NR Occupied Bandwidth(NTNV)

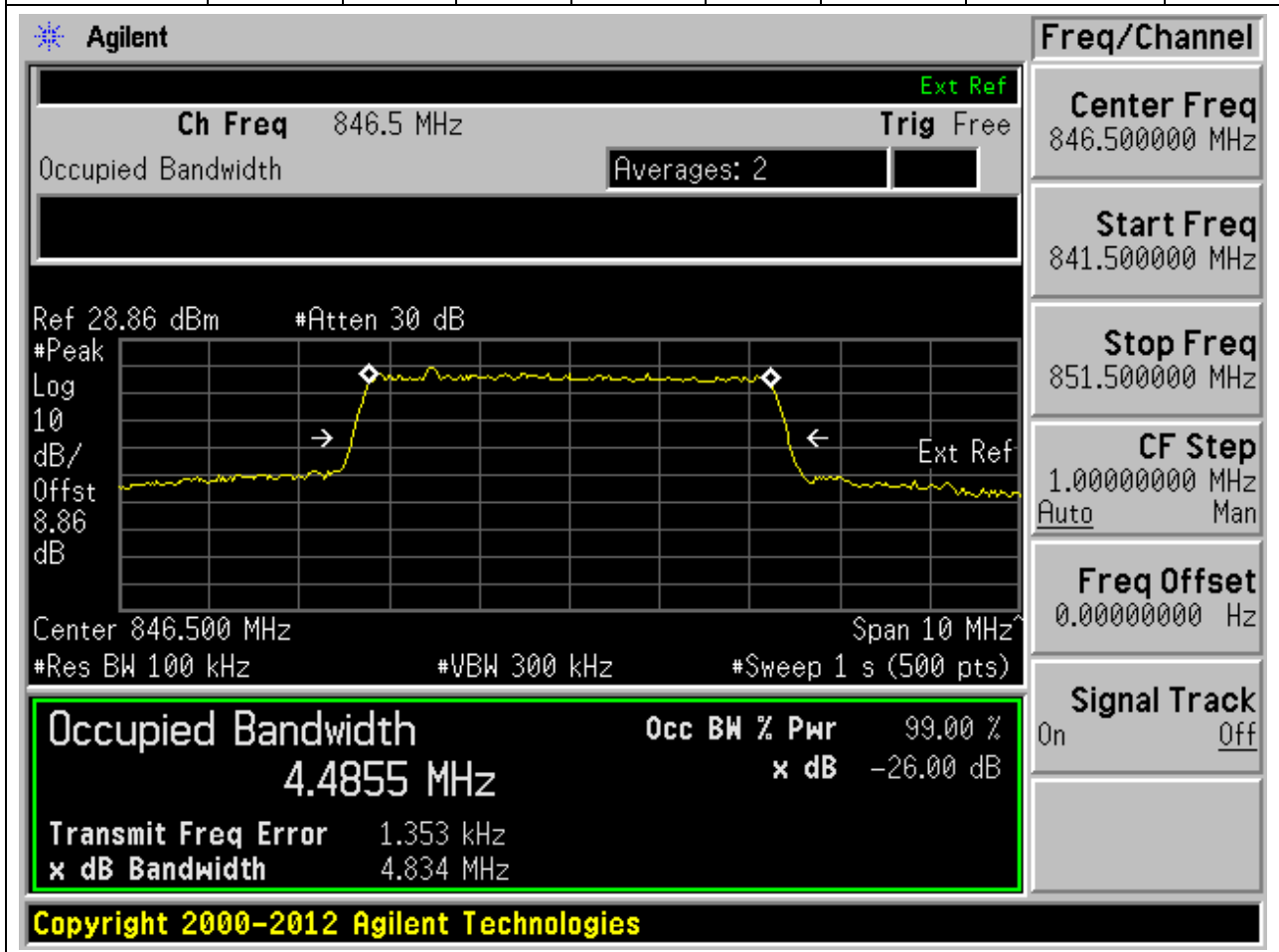
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
846.5	99.00	26	0.1	Peak	5	4.477806	4.876721	Pass



21. NR_n5_SCS15_5M_H_Outer Full(QPSK)

21.6. NR Occupied Bandwidth(NTNV)

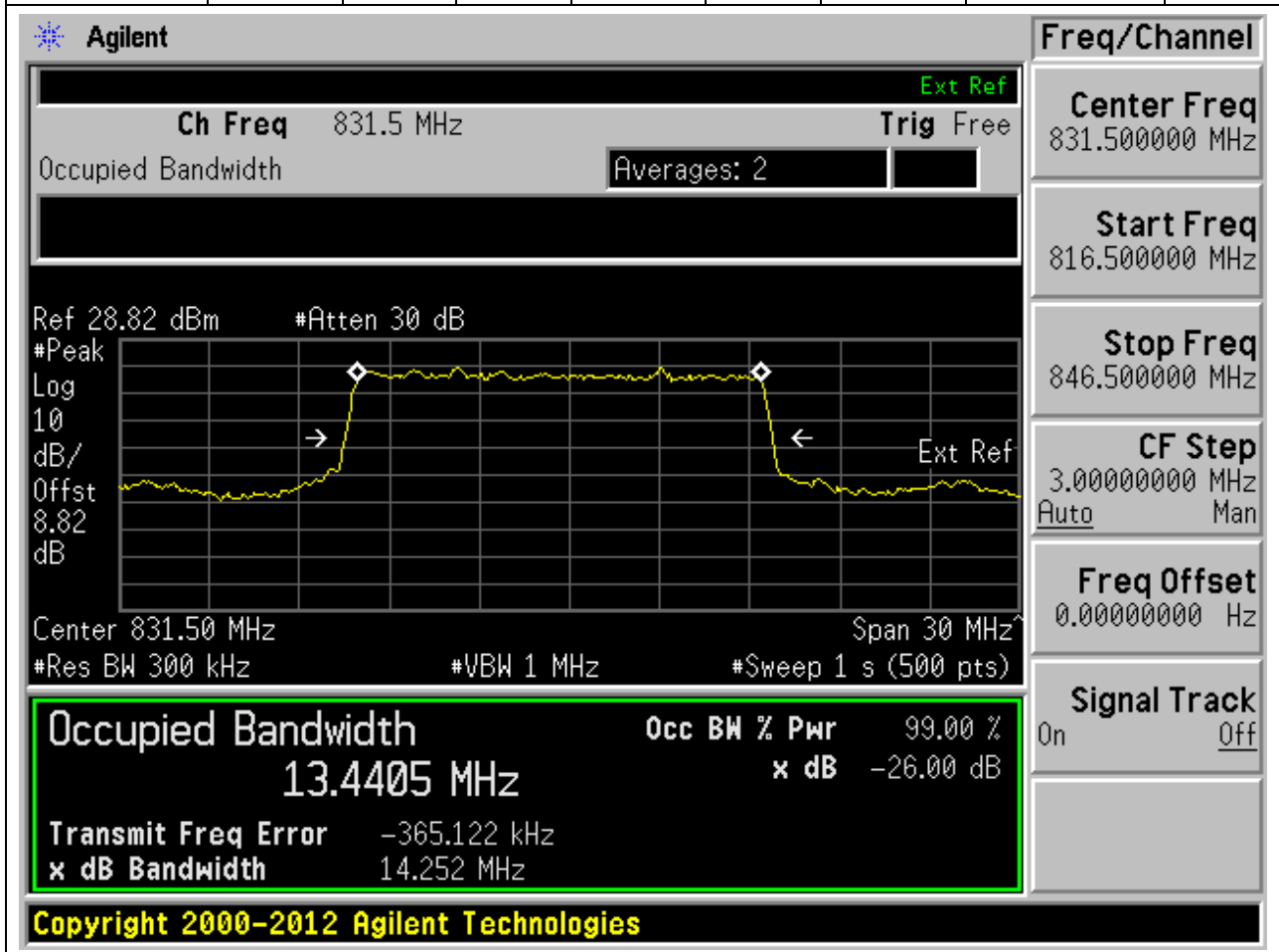
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
846.5	99.00	26	0.1	Peak	5	4.485516	4.834352	Pass



21. NR_n5_SCS15_15M_L_Outer Full(Pi2-BPSK)

21.7. NR Occupied Bandwidth(NTNV)

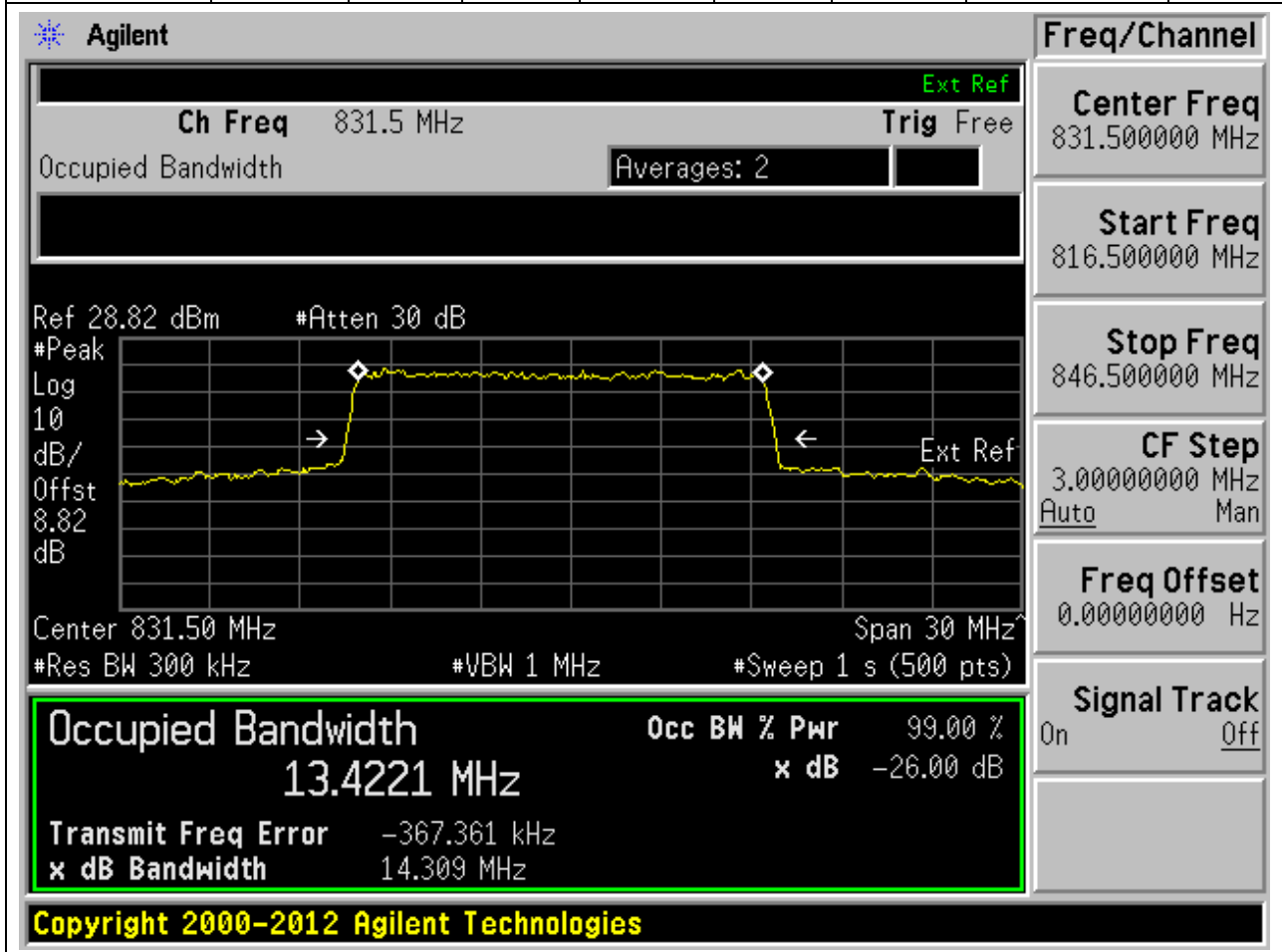
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
831.5	99.00	26	0.3	Peak	15	13.44051	14.25151	Pass



21. NR_n5_SCS15_15M_L_Outer Full(QPSK)

21.8. NR Occupied Bandwidth(NTNV)

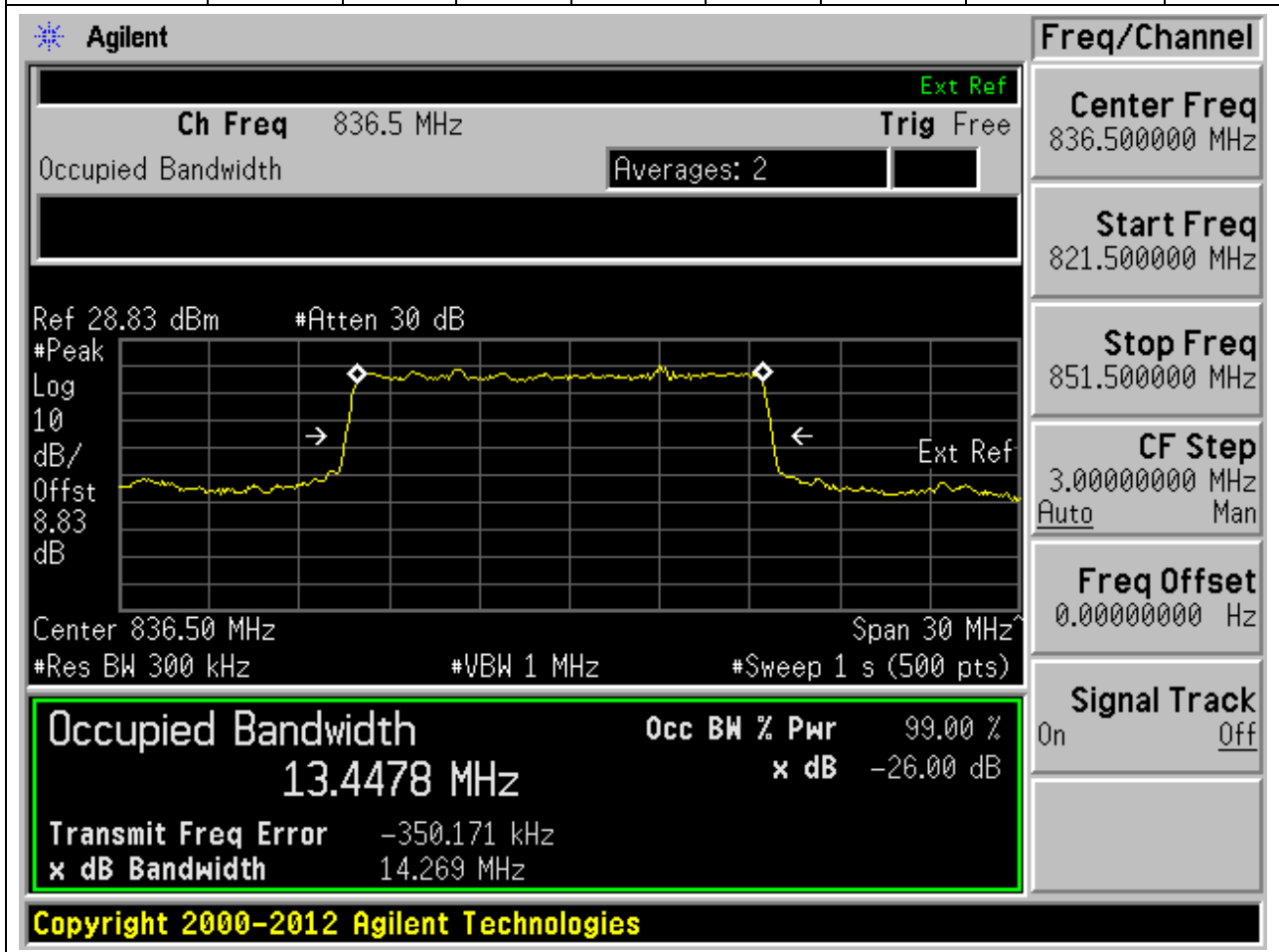
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
831.5	99.00	26	0.3	Peak	15	13.4221	14.30861	Pass



21. NR_n5_SCS15_15M_M_Outer Full(Pi2-BPSK)

21.9. NR Occupied Bandwidth(NTNV)

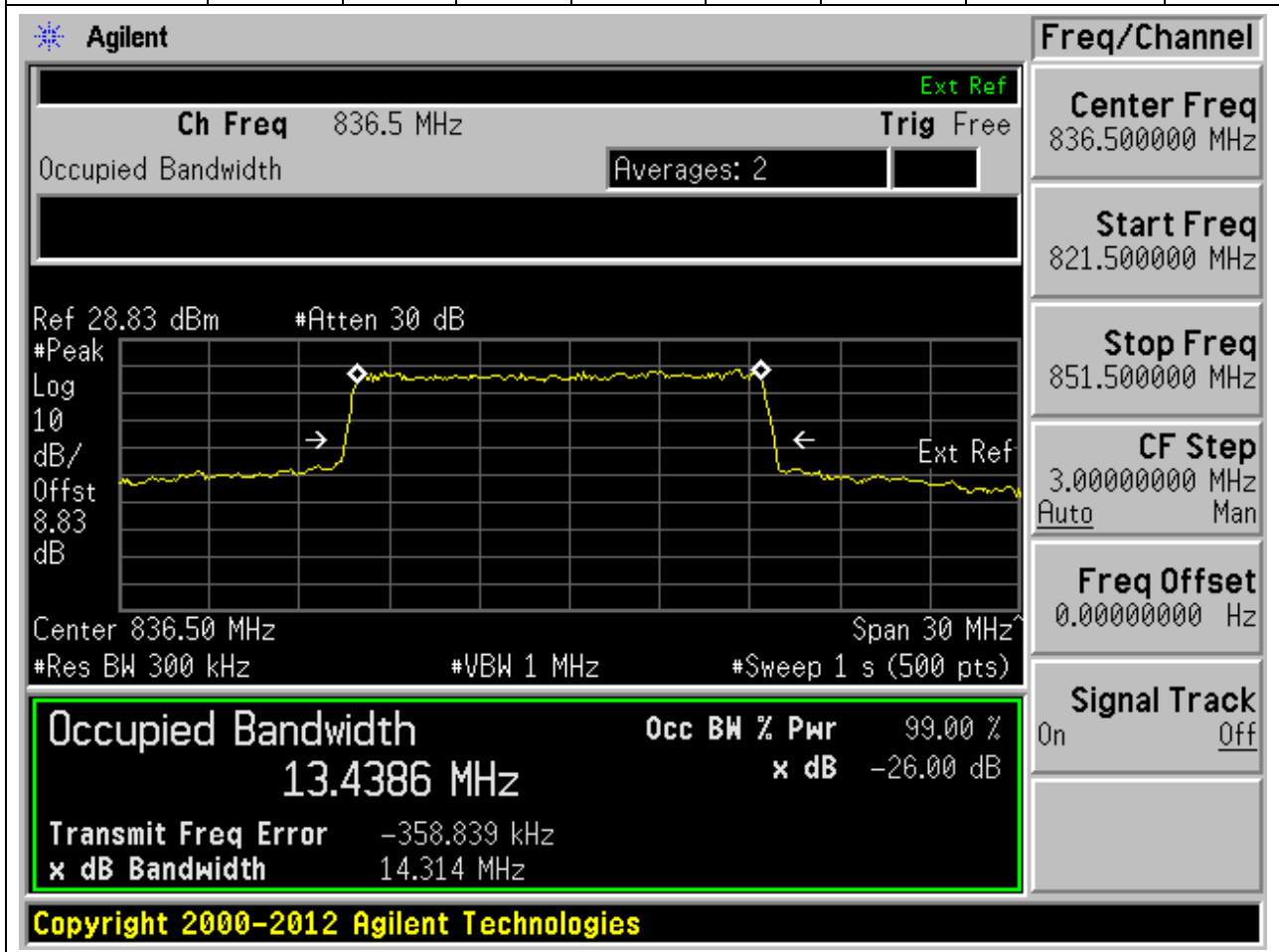
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	15	13.44776	14.26921	Pass



21. NR_n5_SCS15_15M_M_Outer Full(QPSK)

21.10. NR Occupied Bandwidth(NTNV)

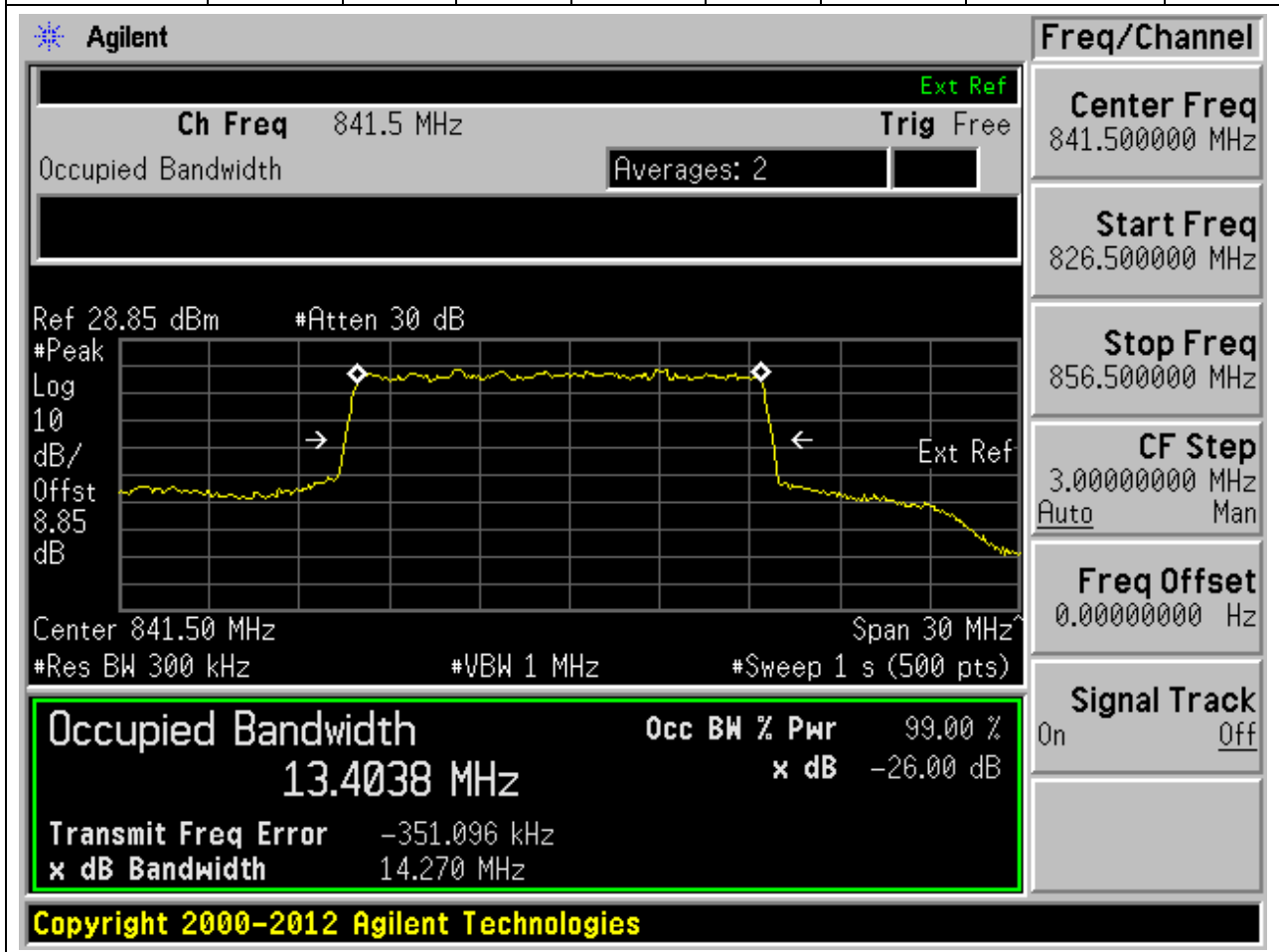
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	15	13.43858	14.31382	Pass



21. NR_n5_SCS15_15M_H_Outer Full(Pi2-BPSK)

21.11. NR Occupied Bandwidth(NTNV)

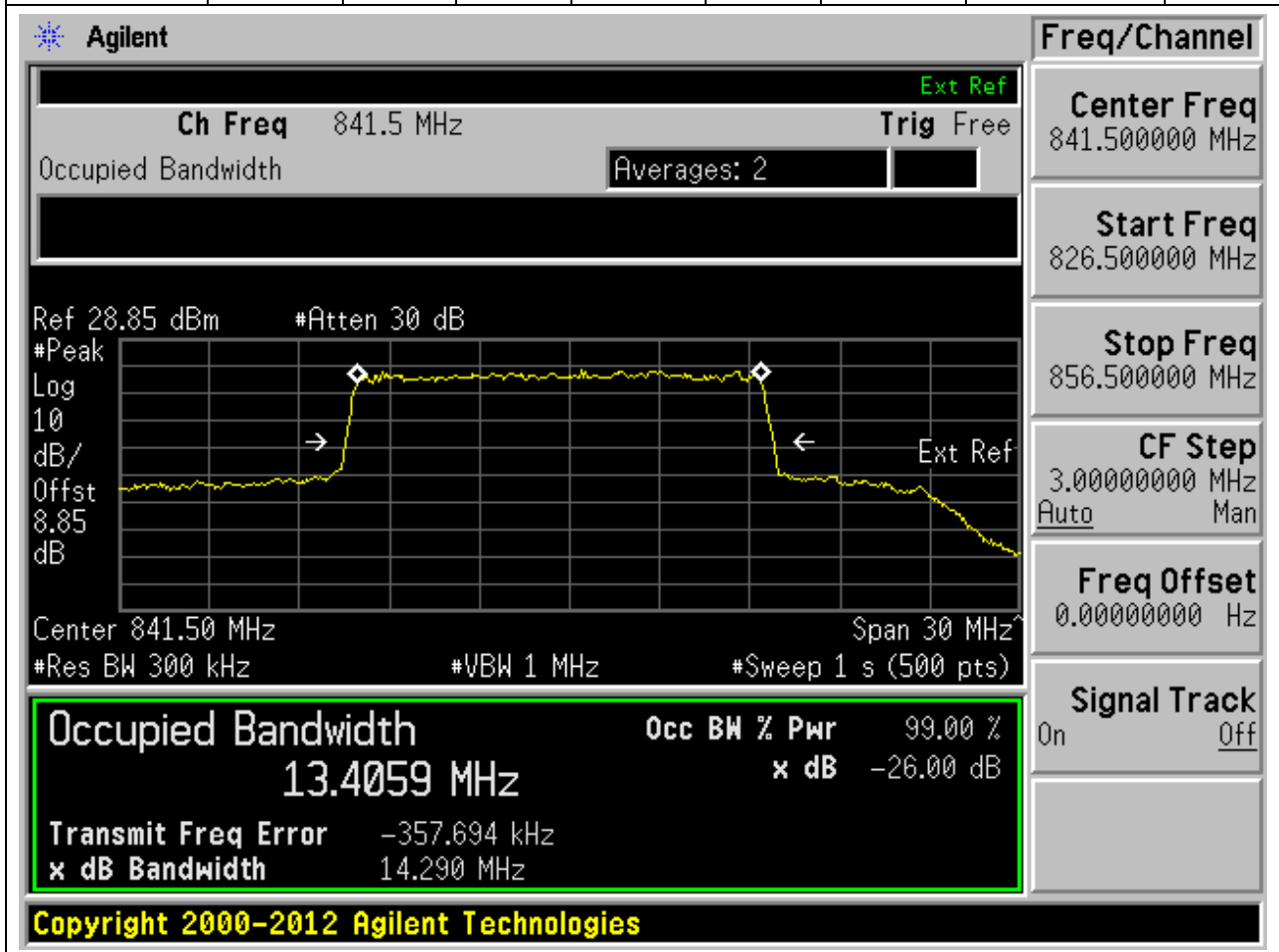
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
841.5	99.00	26	0.3	Peak	15	13.40376	14.27006	Pass



21. NR_n5_SCS15_15M_H_Outer Full(QPSK)

21.12. NR Occupied Bandwidth(NTNV)

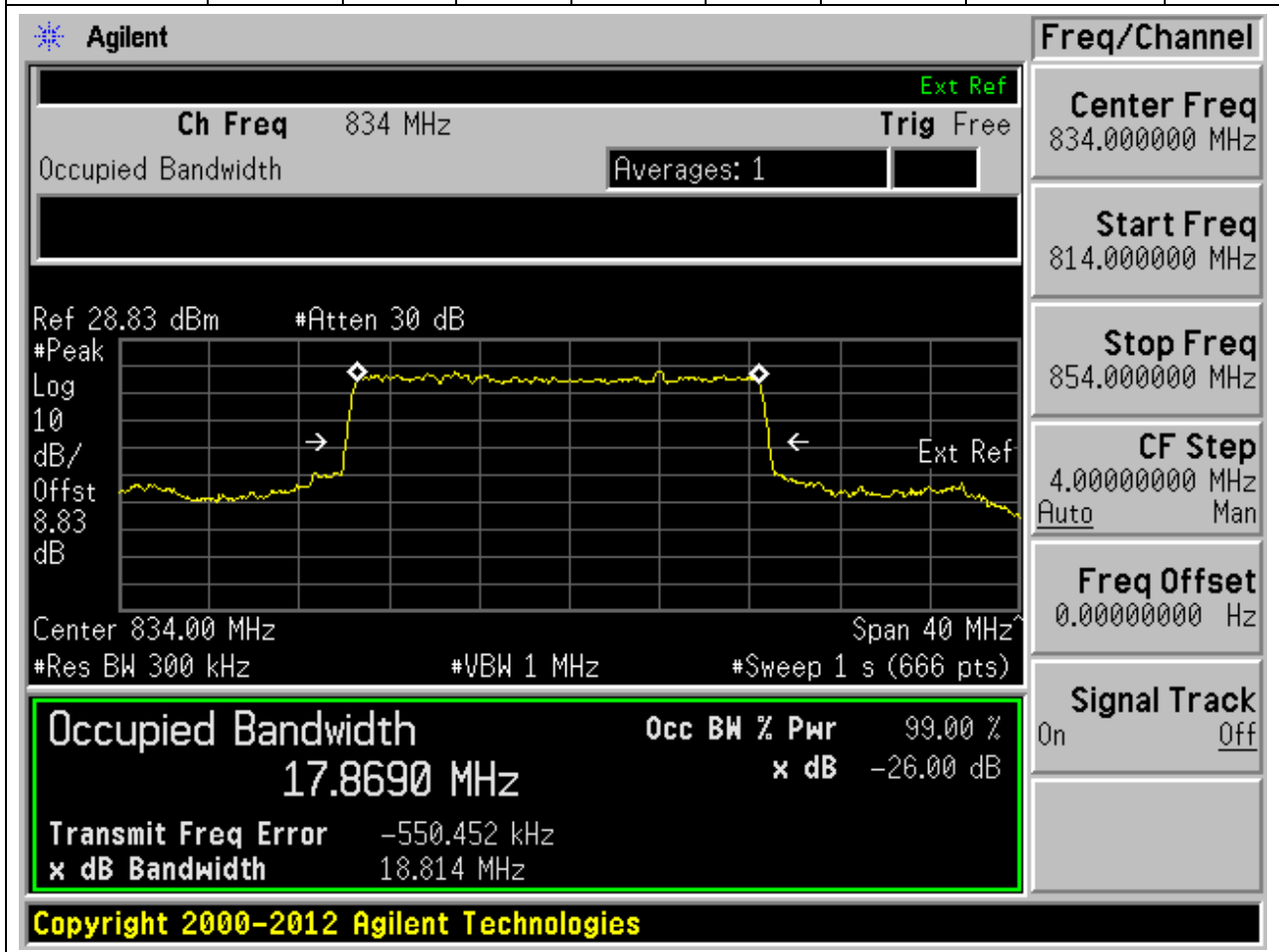
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
841.5	99.00	26	0.3	Peak	15	13.40588	14.28968	Pass



21. NR_n5_SCS15_20M_L_Outer Full(Pi2-BPSK)

21.13. NR Occupied Bandwidth(NTNV)

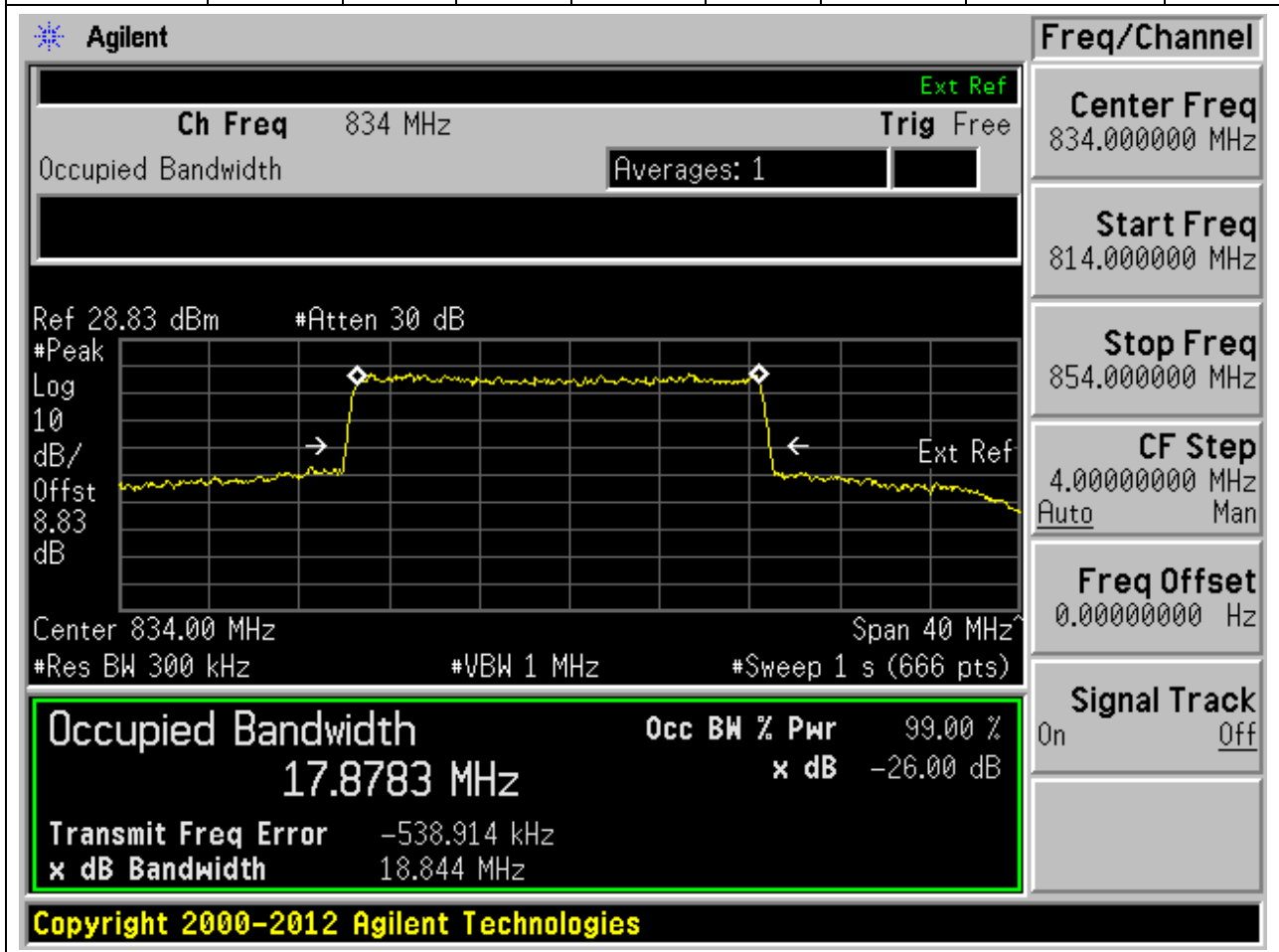
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
834	99.00	26	0.3	Peak	20	17.86904	18.81392	Pass



21. NR_n5_SCS15_20M_L_Outer Full(QPSK)

21.14. NR Occupied Bandwidth(NTNV)

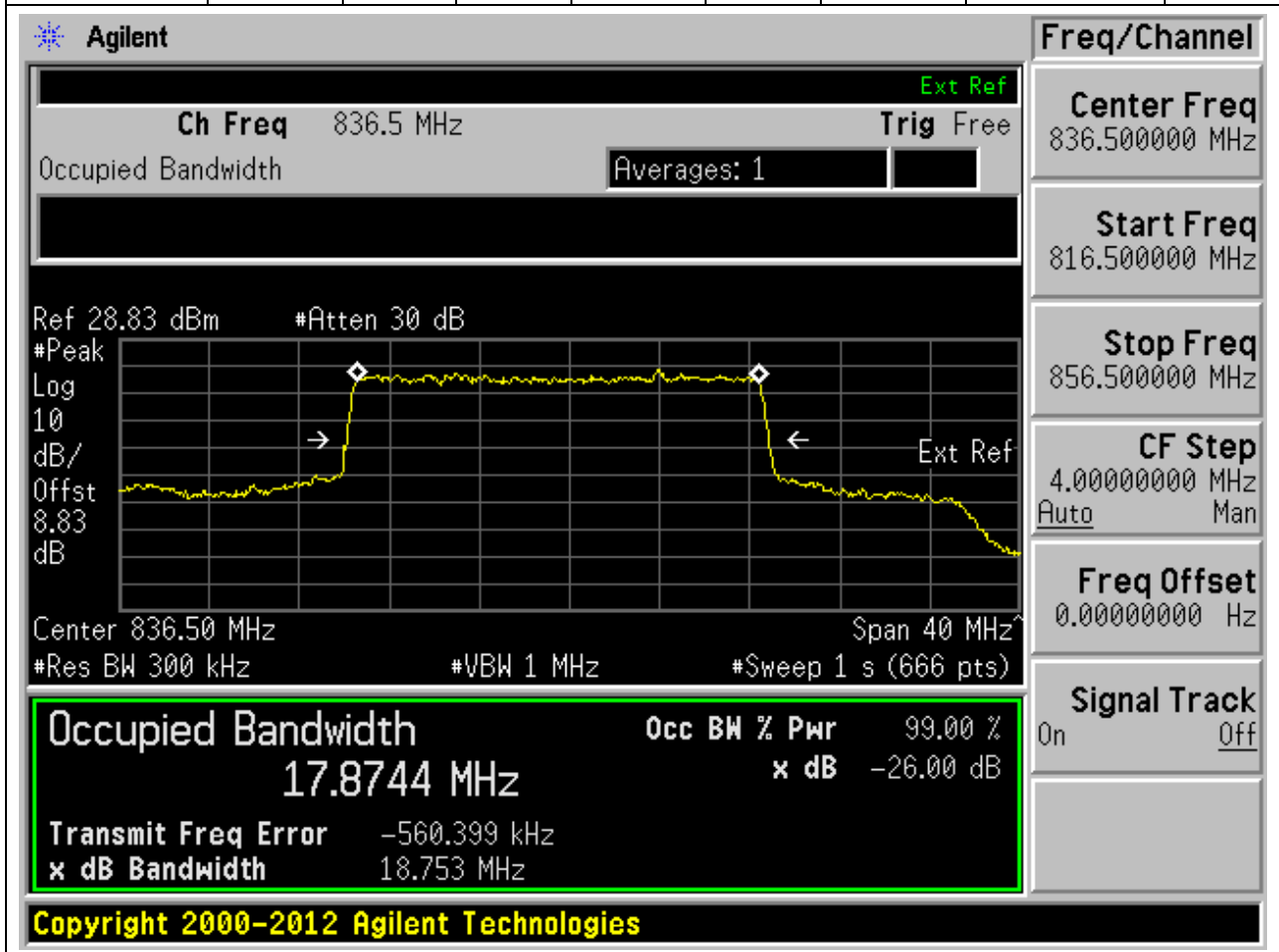
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
834	99.00	26	0.3	Peak	20	17.87828	18.84361	Pass



21. NR_n5_SCS15_20M_M_Outer Full(Pi2-BPSK)

21.15. NR Occupied Bandwidth(NTNV)

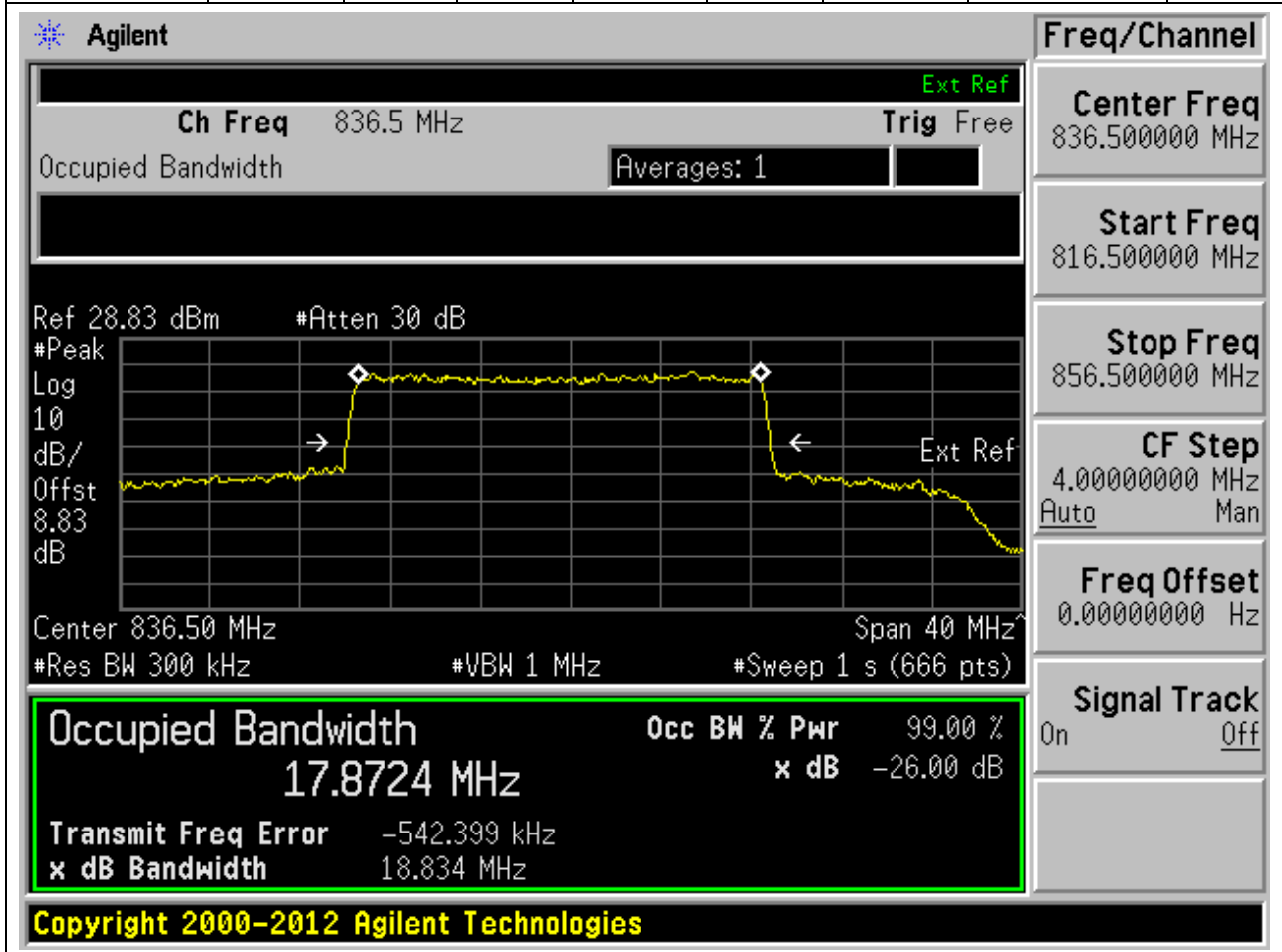
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	20	17.87436	18.75278	Pass



21. NR_n5_SCS15_20M_M_Outer Full(QPSK)

21.16. NR Occupied Bandwidth(NTNV)

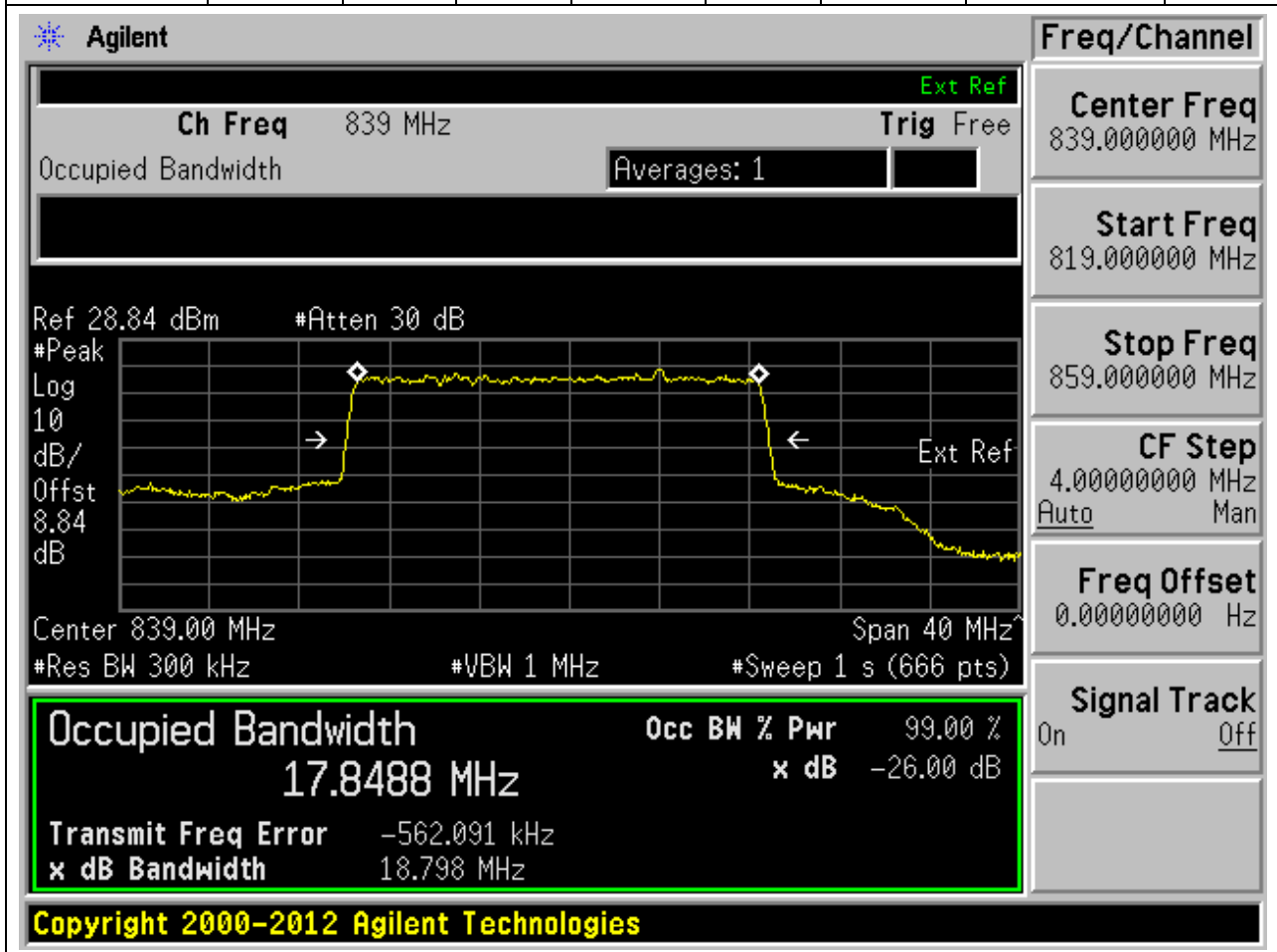
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	20	17.87242	18.83448	Pass



21. NR_n5_SCS15_20M_H_Outer Full(Pi2-BPSK)

21.17. NR Occupied Bandwidth(NTNV)

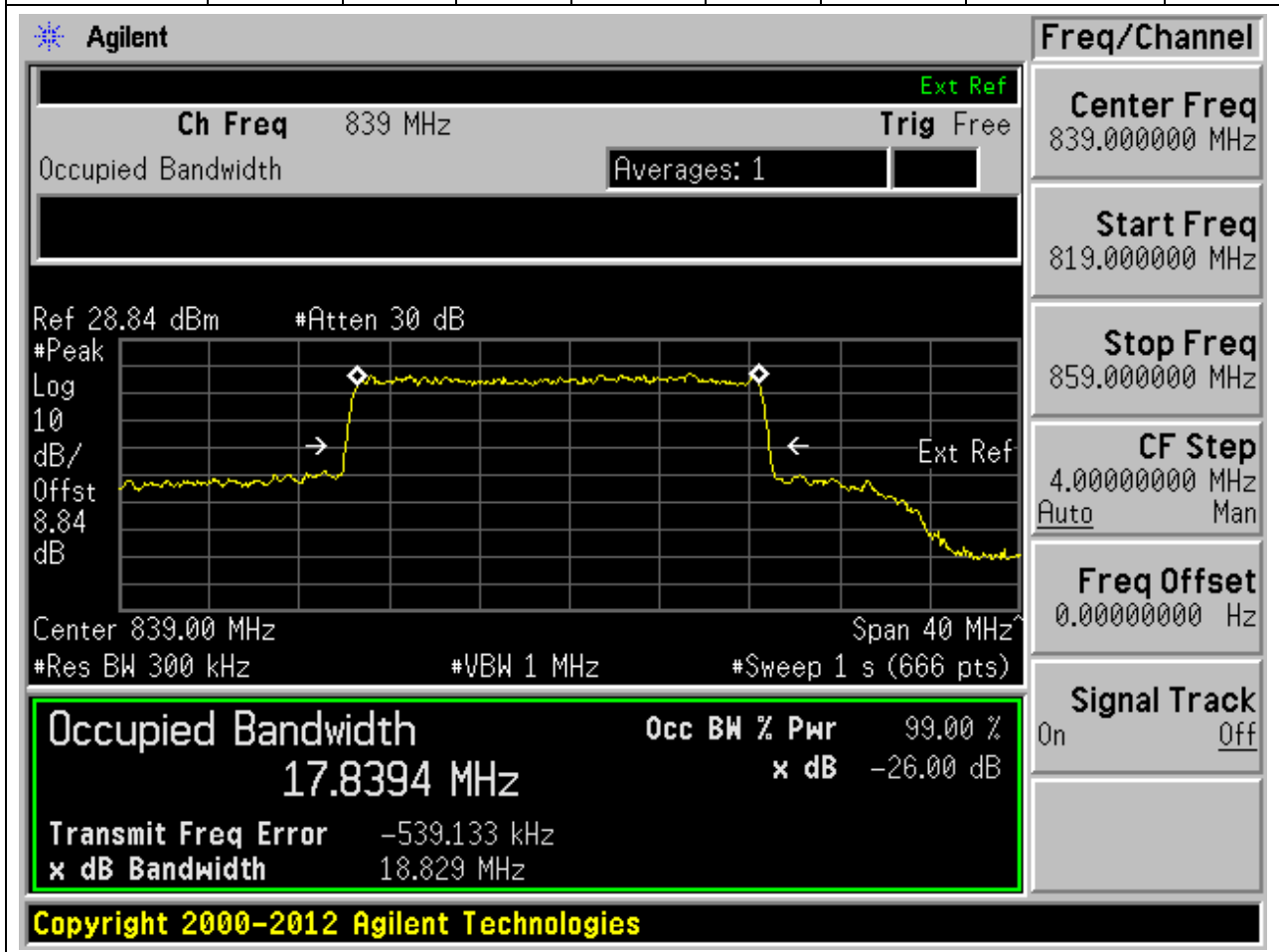
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
839	99.00	26	0.3	Peak	20	17.84885	18.79792	Pass



21. NR_n5_SCS15_20M_H_Outer Full(QPSK)

21.18. NR Occupied Bandwidth(NTNV)

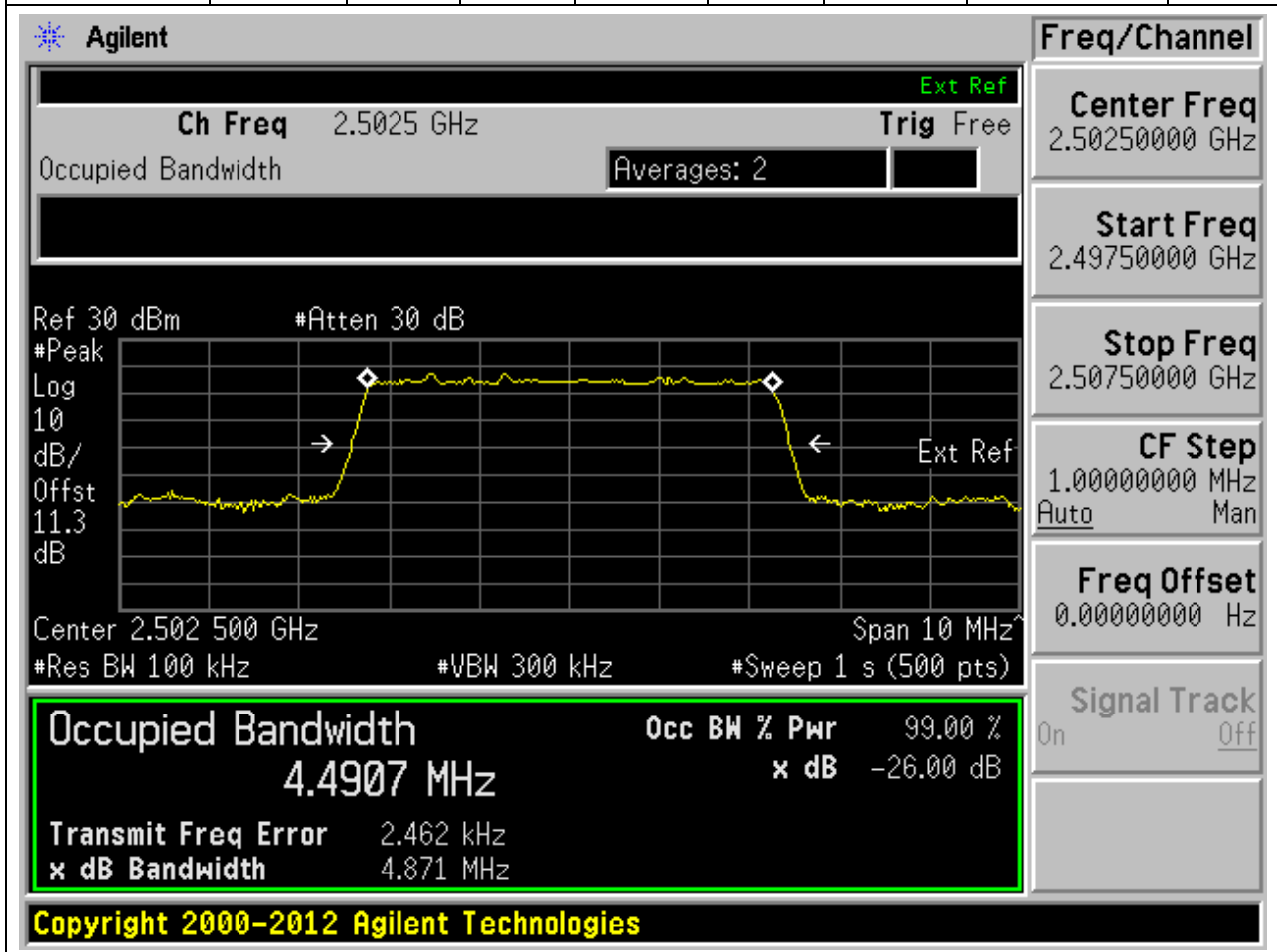
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
839	99.00	26	0.3	Peak	20	17.83942	18.82909	Pass



22. NR_n7_SCS15_5M_L_Outer Full(Pi2-BPSK)

22.1. NR Occupied Bandwidth(NTNV)

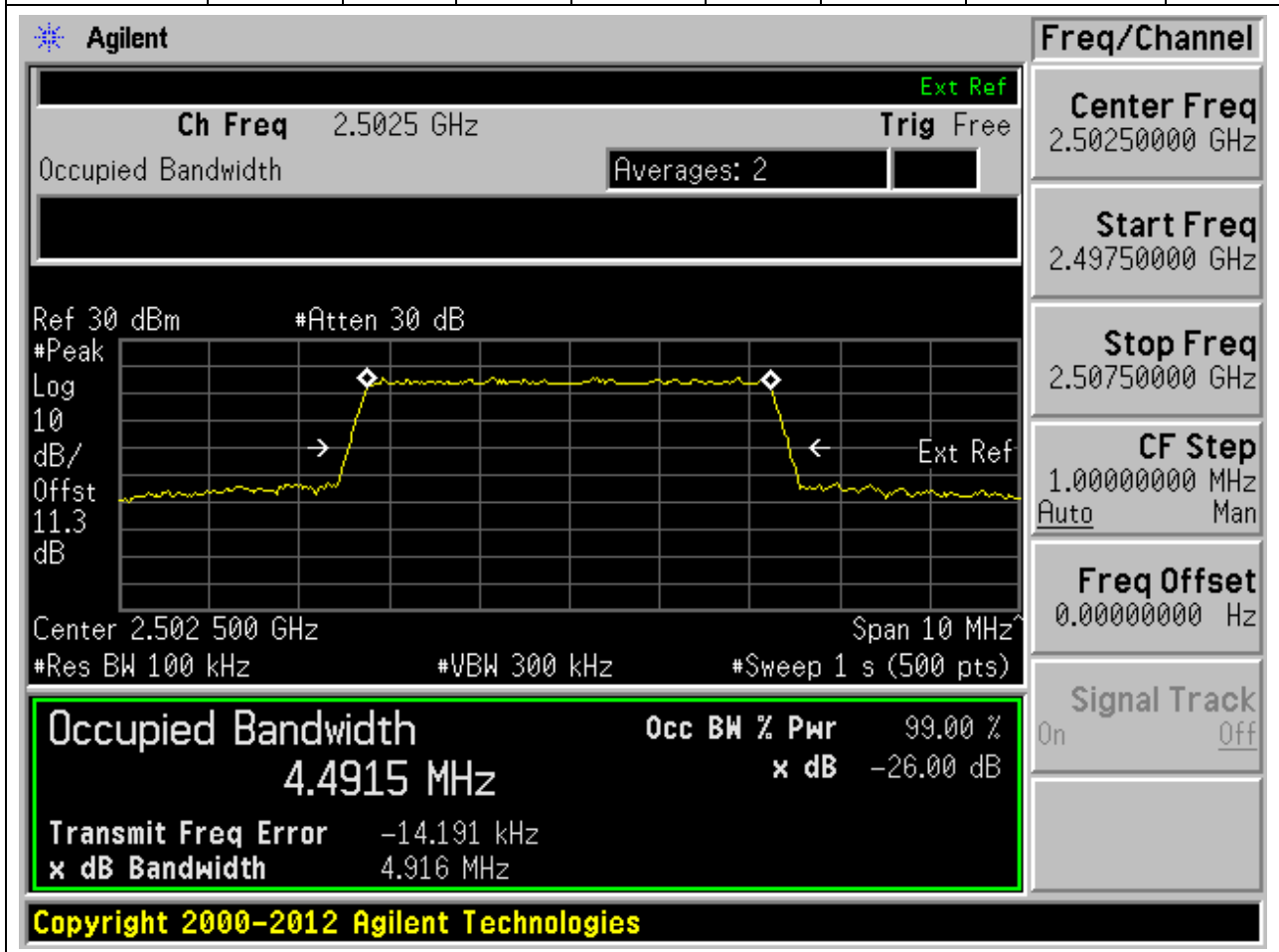
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2502.5	99.00	26	0.1	Peak	5	4.490657	4.870622	Pass



22. NR_n7_SCS15_5M_L_Outer Full(QPSK)

22.2. NR Occupied Bandwidth(NTNV)

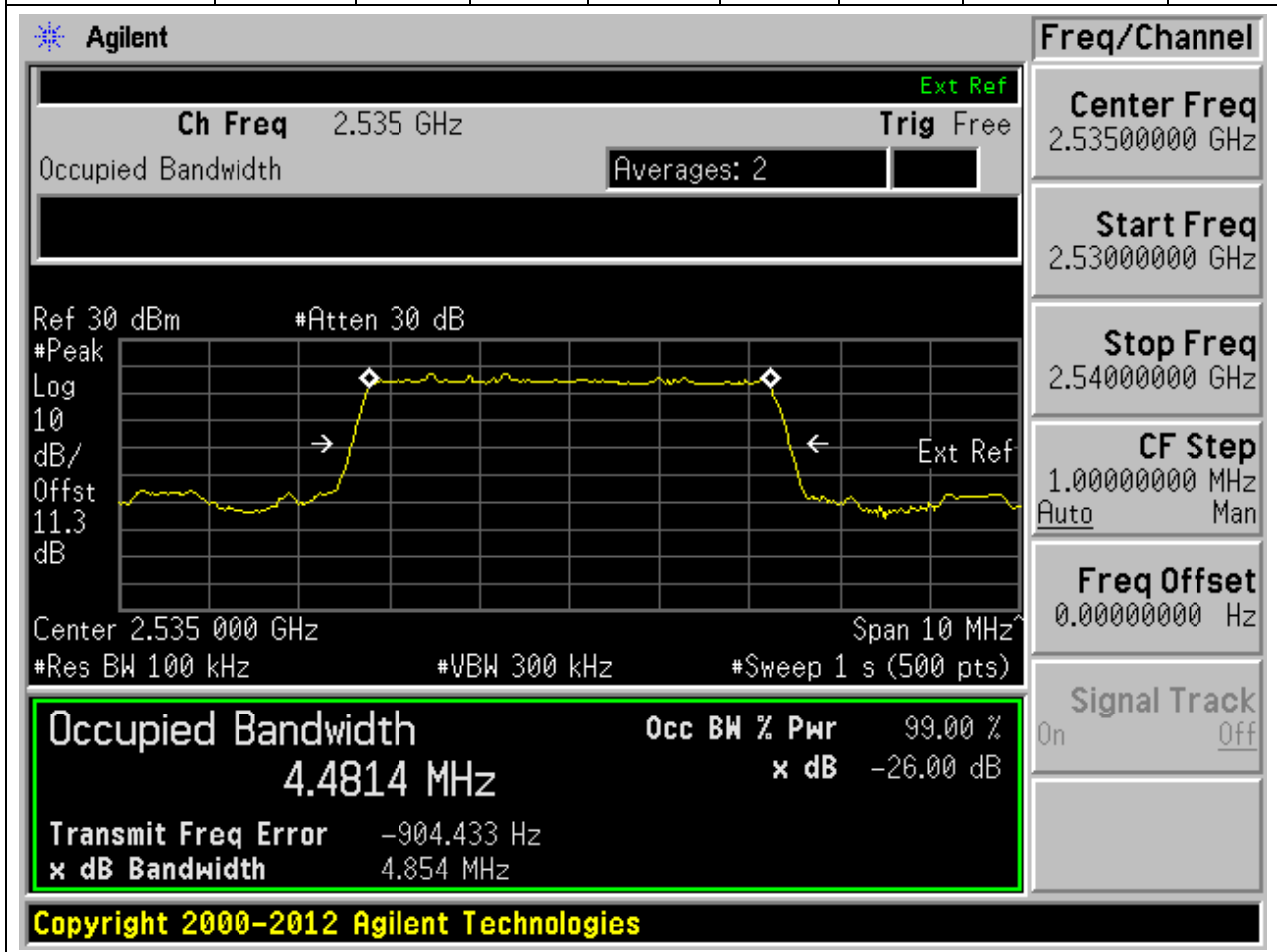
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2502.5	99.00	26	0.1	Peak	5	4.491537	4.915653	Pass



22. NR_n7_SCS15_5M_M_Outer Full(Pi2-BPSK)

22.3. NR Occupied Bandwidth(NTNV)

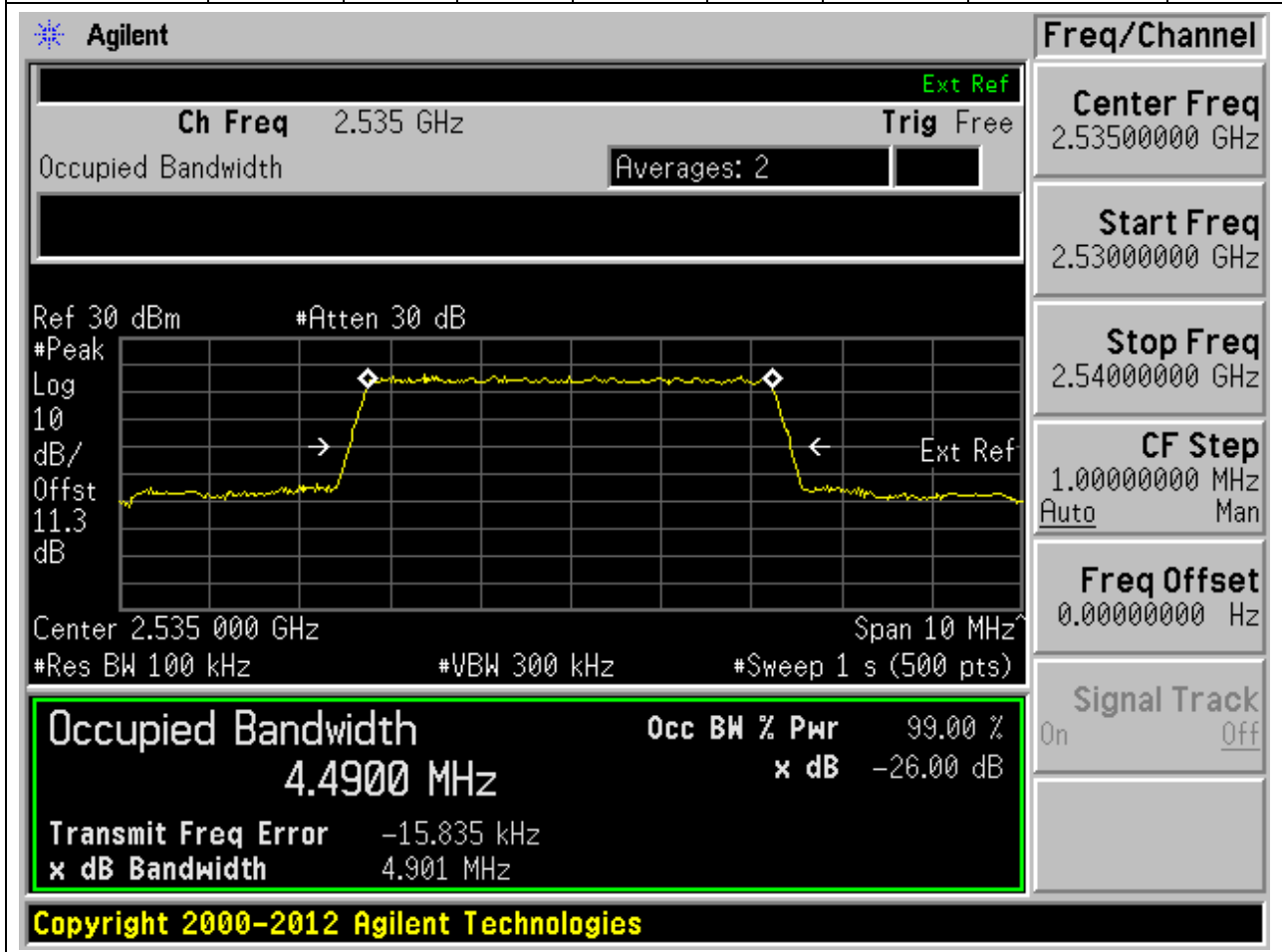
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	0.1	Peak	5	4.4814	4.854243	Pass



22. NR_n7_SCS15_5M_M_Outer Full(QPSK)

22.4. NR Occupied Bandwidth(NTNV)

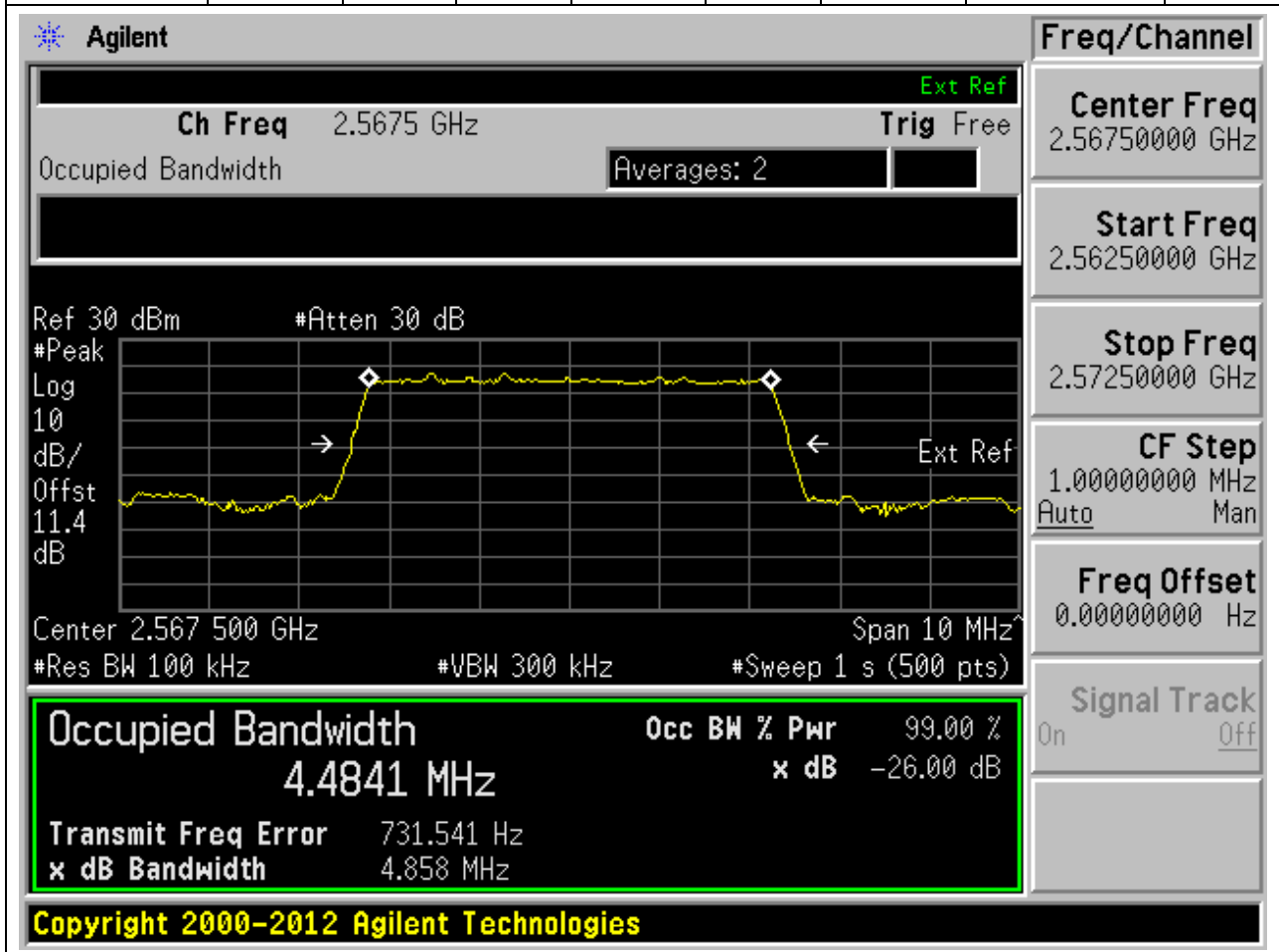
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	0.1	Peak	5	4.490019	4.901424	Pass



22. NR_n7_SCS15_5M_H_Outer Full(Pi2-BPSK)

22.5. NR Occupied Bandwidth(NTNV)

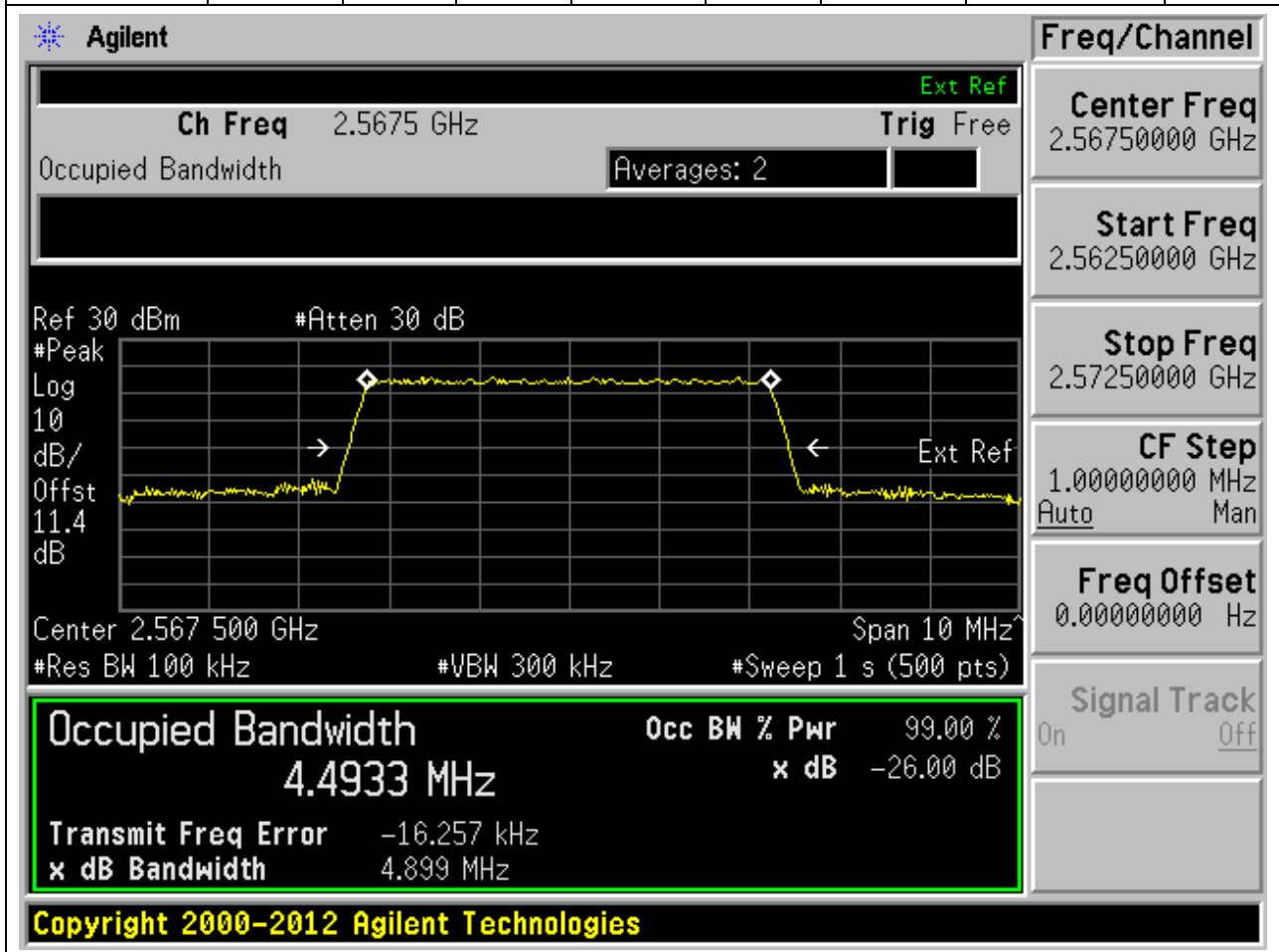
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2567.5	99.00	26	0.1	Peak	5	4.484097	4.85754	Pass



22. NR_n7_SCS15_5M_H_Outer Full(QPSK)

22.6. NR Occupied Bandwidth(NTNV)

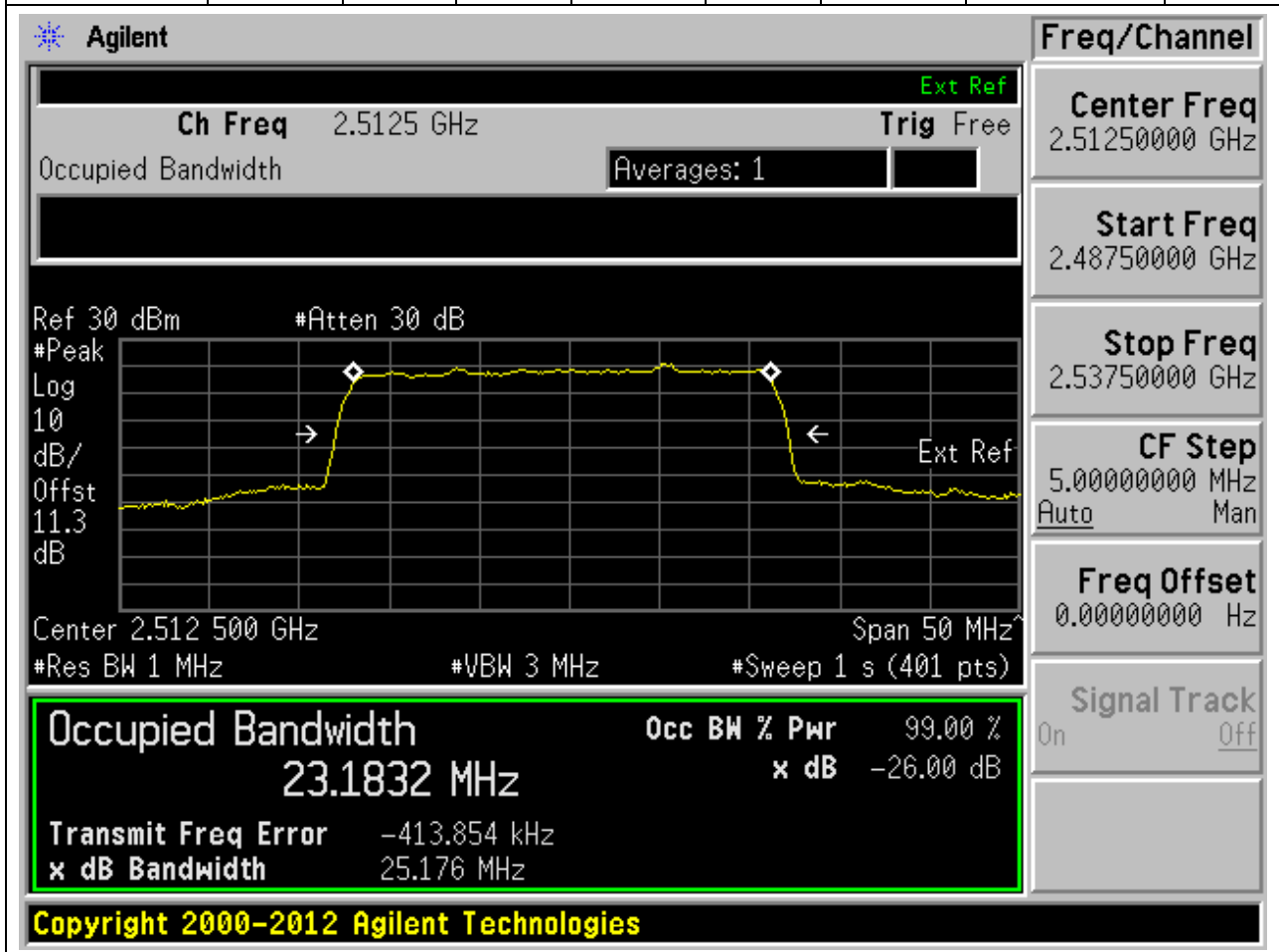
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2567.5	99.00	26	0.1	Peak	5	4.493268	4.898727	Pass



22. NR_n7_SCS15_25M_L_Outer Full(Pi2-BPSK)

22.7. NR Occupied Bandwidth(NTNV)

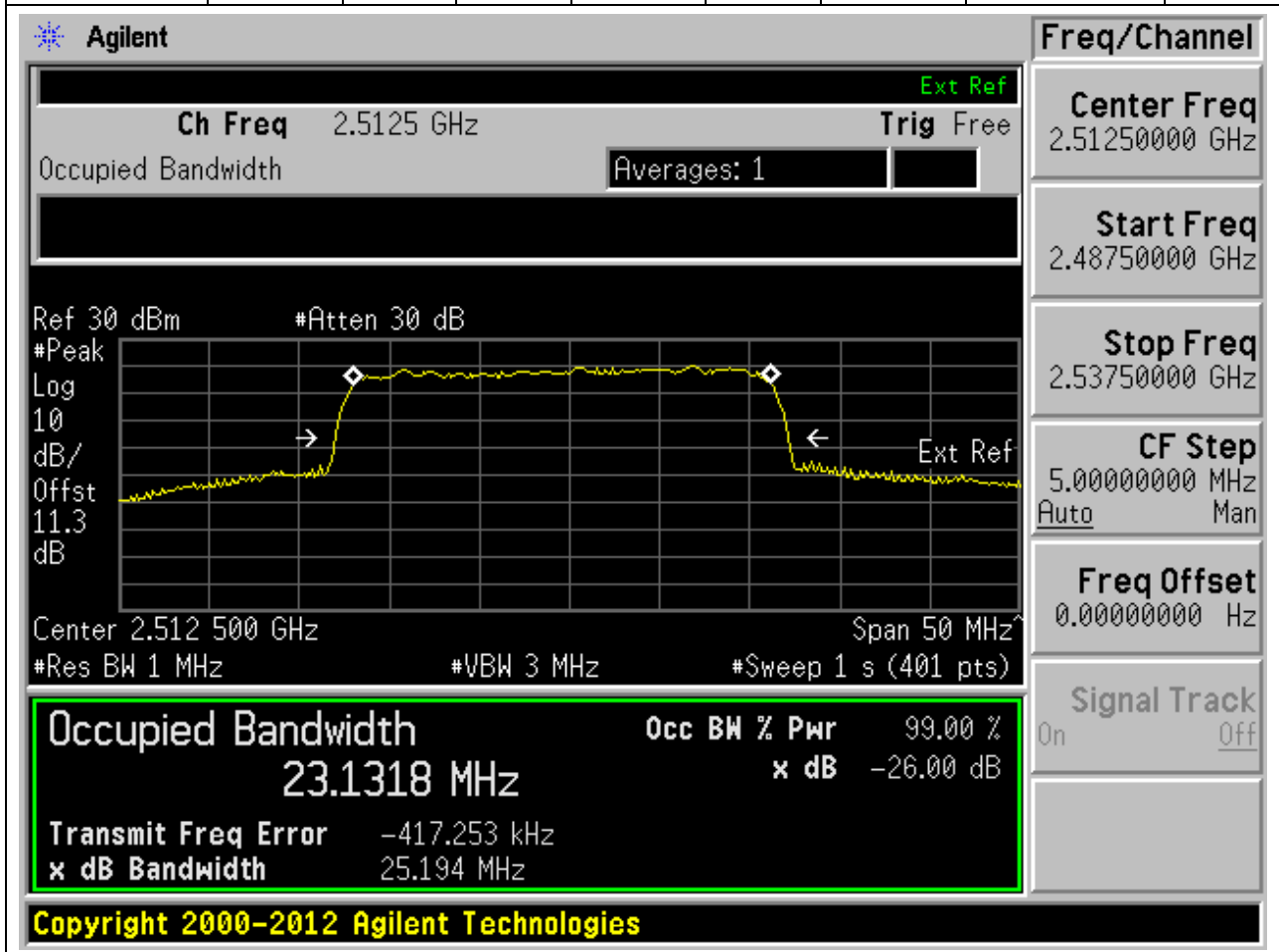
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2512.5	99.00	26	1	Peak	25	23.18316	25.17615	Pass



22. NR_n7_SCS15_25M_L_Outer Full(QPSK)

22.8. NR Occupied Bandwidth(NTNV)

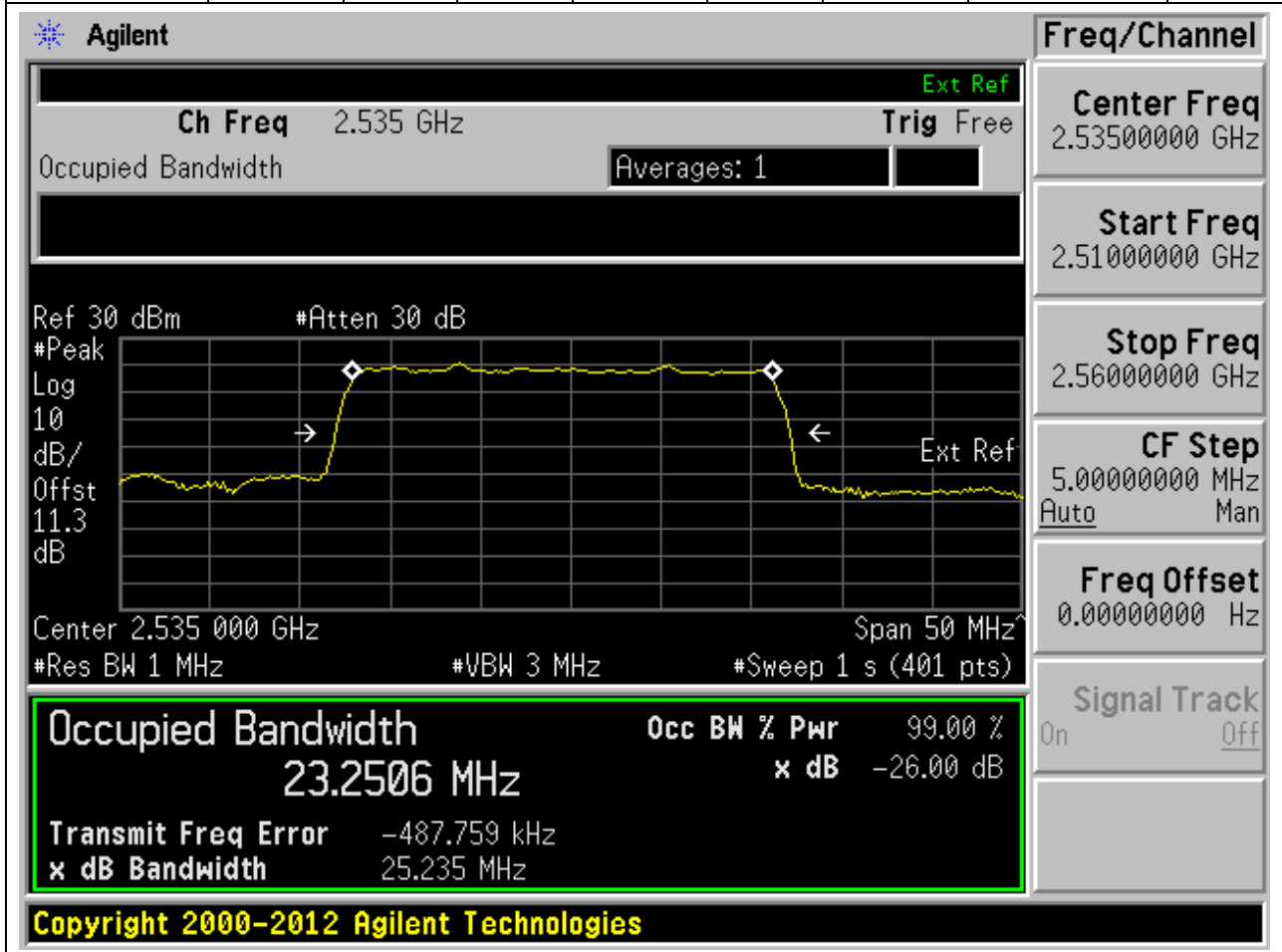
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2512.5	99.00	26	1	Peak	25	23.13181	25.1942	Pass



22. NR_n7_SCS15_25M_M_Outer Full(Pi2-BPSK)

22.9. NR Occupied Bandwidth(NTNV)

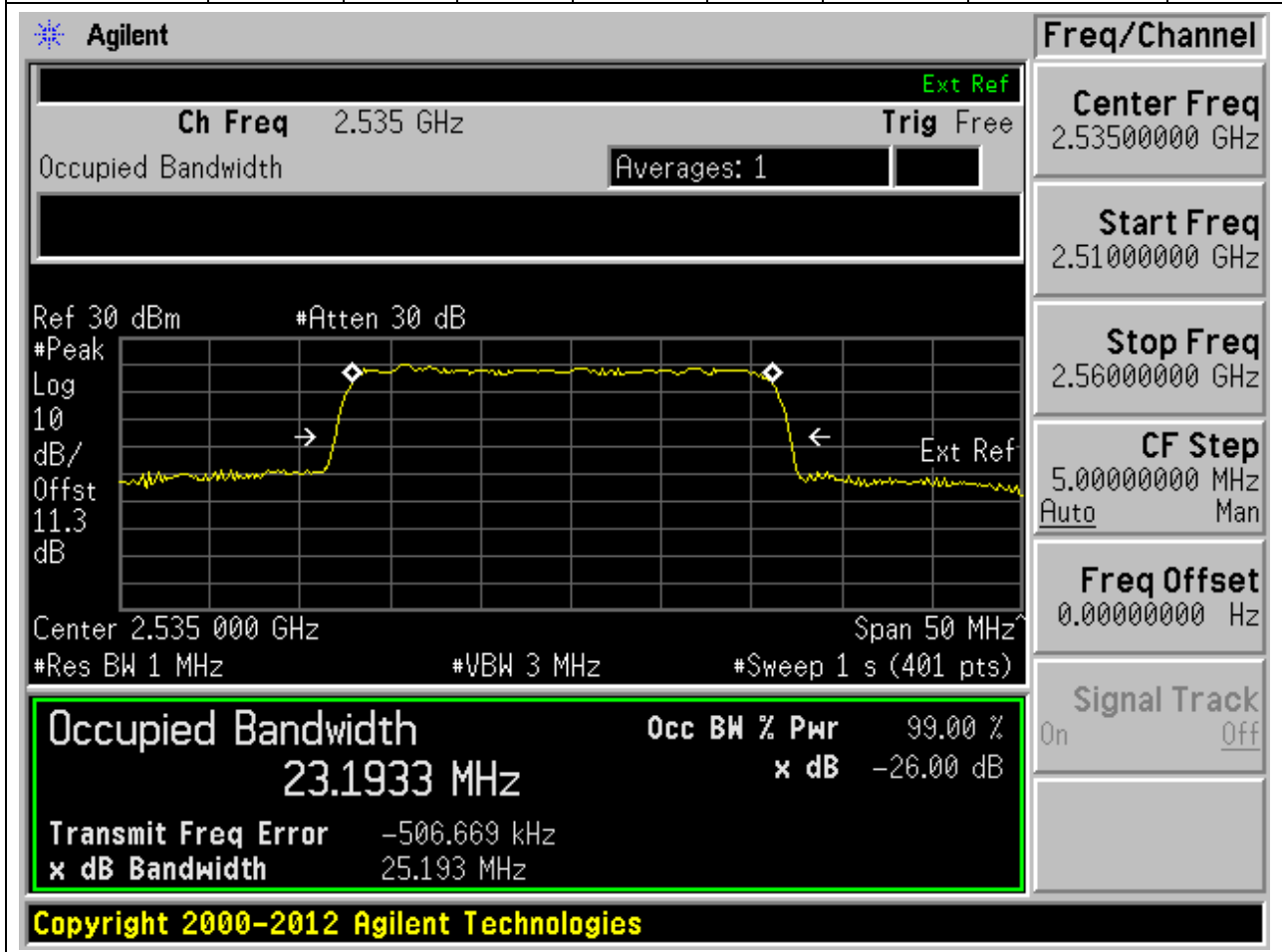
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	25	23.25063	25.23526	Pass



22. NR_n7_SCS15_25M_M_Outer Full(QPSK)

22.10. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	25	23.19332	25.19276	Pass



22. NR_n7_SCS15_25M_H_Outer Full(Pi2-BPSK)

22.11. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2557.5	99.00	26	1	Peak	25	23.15708	25.17672	Pass

Agilent
Freq/Channel

Ch Freq 2.5575 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Center Freq
2.55750000 GHz

Start Freq
2.53250000 GHz

Stop Freq
2.58250000 GHz

CF Step
5.00000000 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 2.557 500 GHz Span 50 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 1 s (401 pts)

Occupied Bandwidth
23.1571 MHz

Transmit Freq Error -477.165 kHz

x dB Bandwidth 25.177 MHz

Occ BW % Pwr 99.00 %

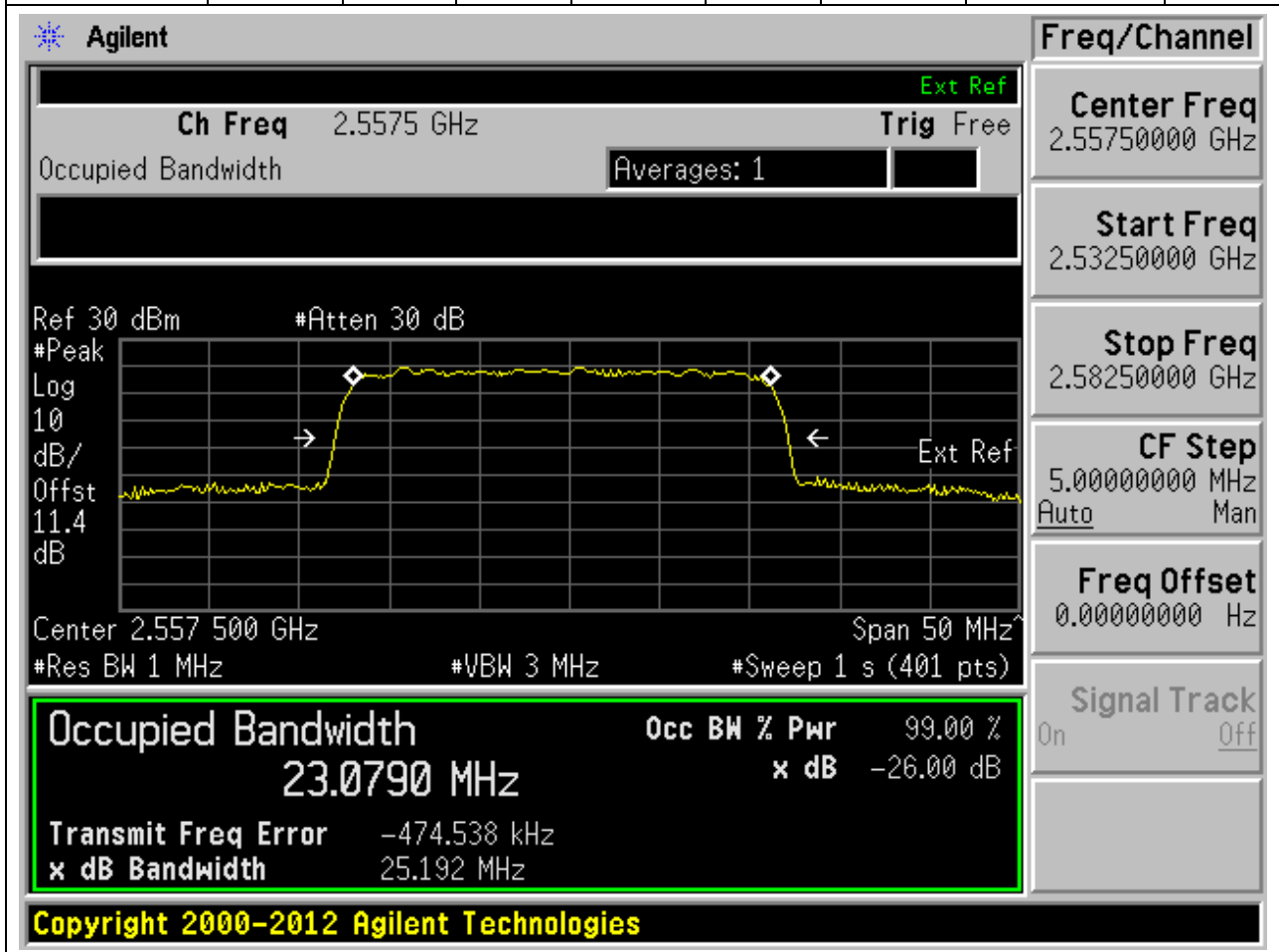
x dB -26.00 dB

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22. NR_n7_SCS15_25M_H_Outer Full(QPSK)

22.12. NR Occupied Bandwidth(NTNV)

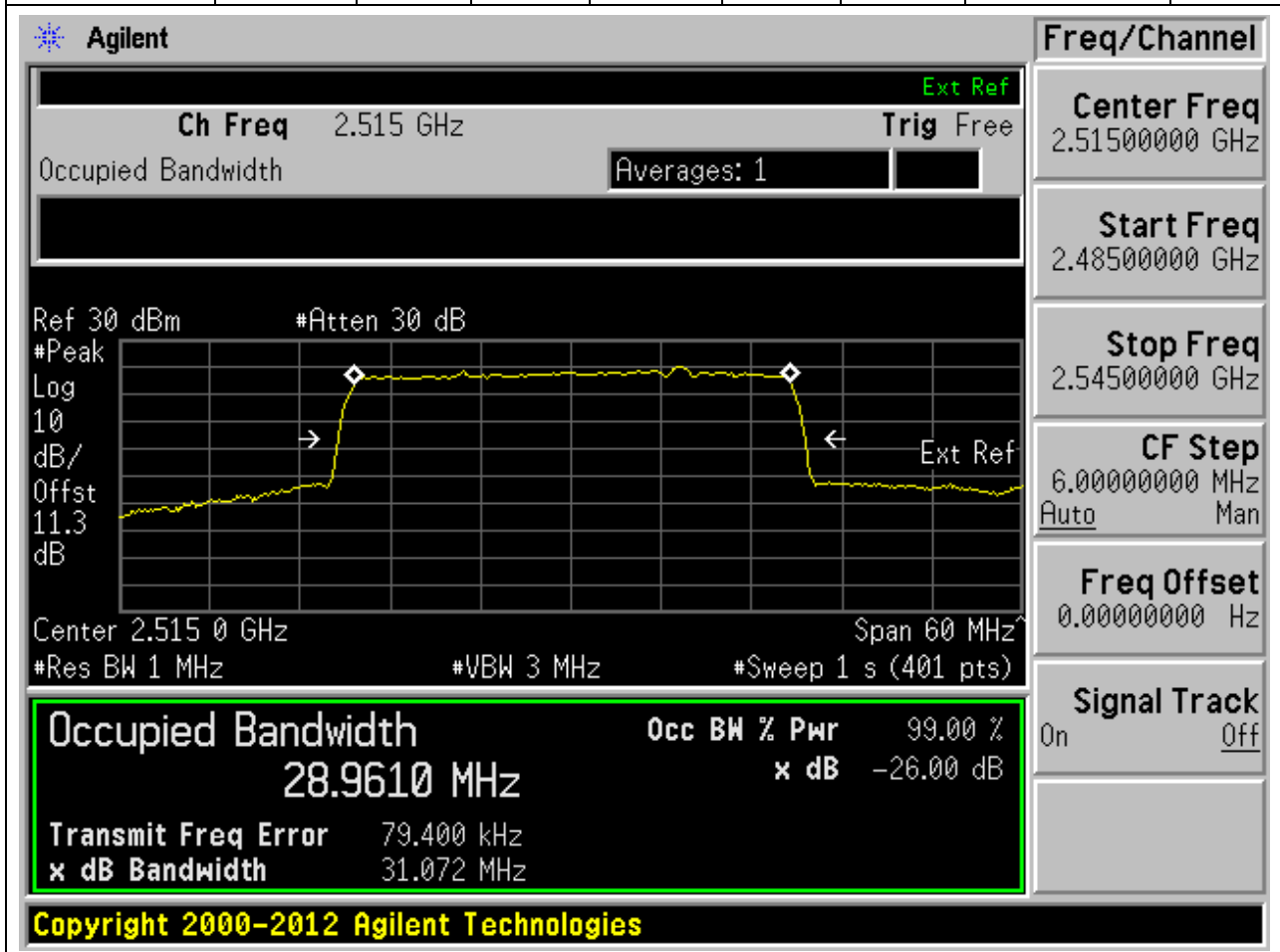
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2557.5	99.00	26	1	Peak	25	23.07896	25.19184	Pass



22. NR_n7_SCS15_30M_L_Outer Full(Pi2-BPSK)

22.13. NR Occupied Bandwidth(NTNV)

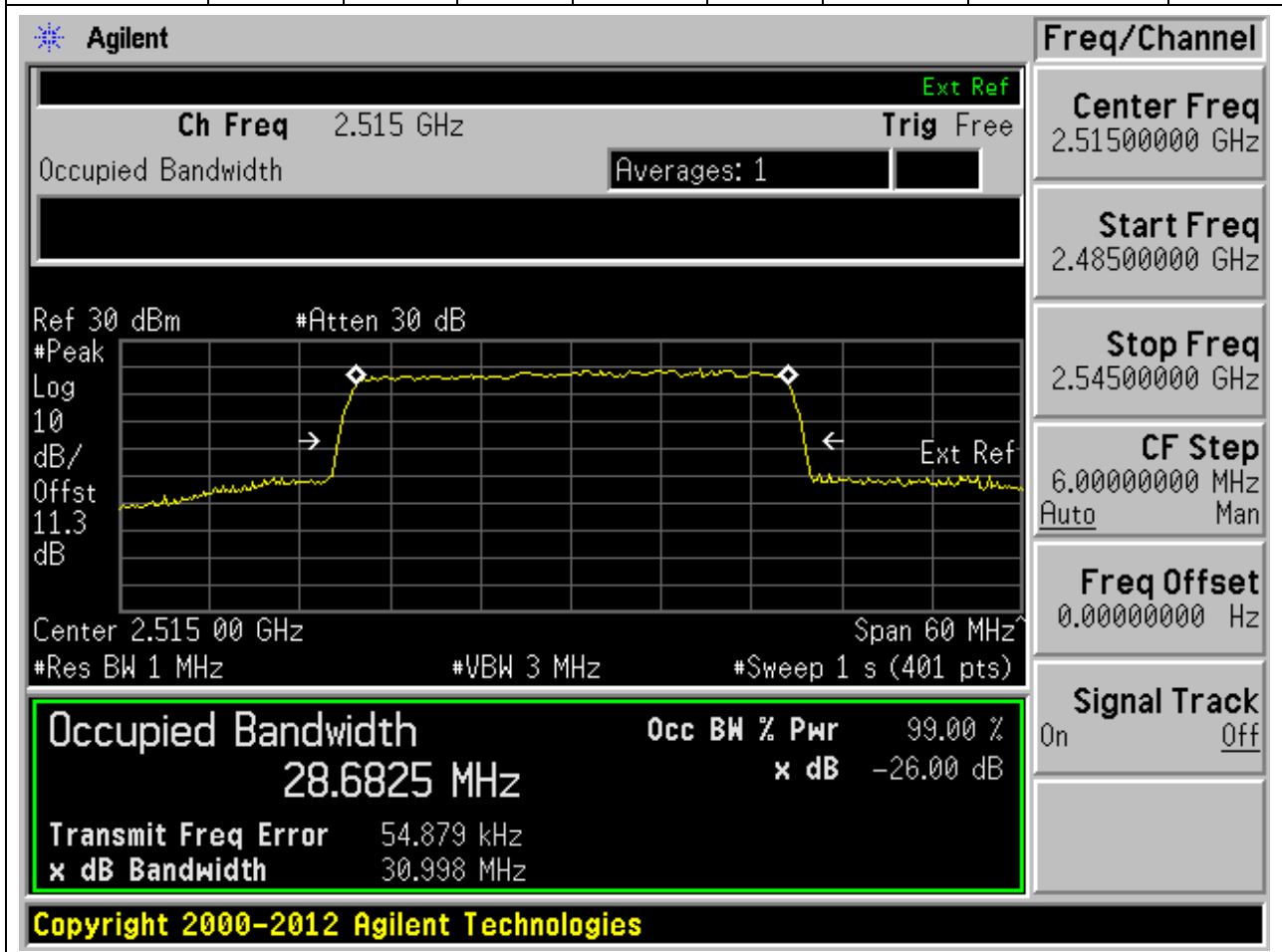
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2515	99.00	26	1	Peak	30	28.961	31.07242	Pass



22. NR_n7_SCS15_30M_L_Outer Full(QPSK)

22.14. NR Occupied Bandwidth(NTNV)

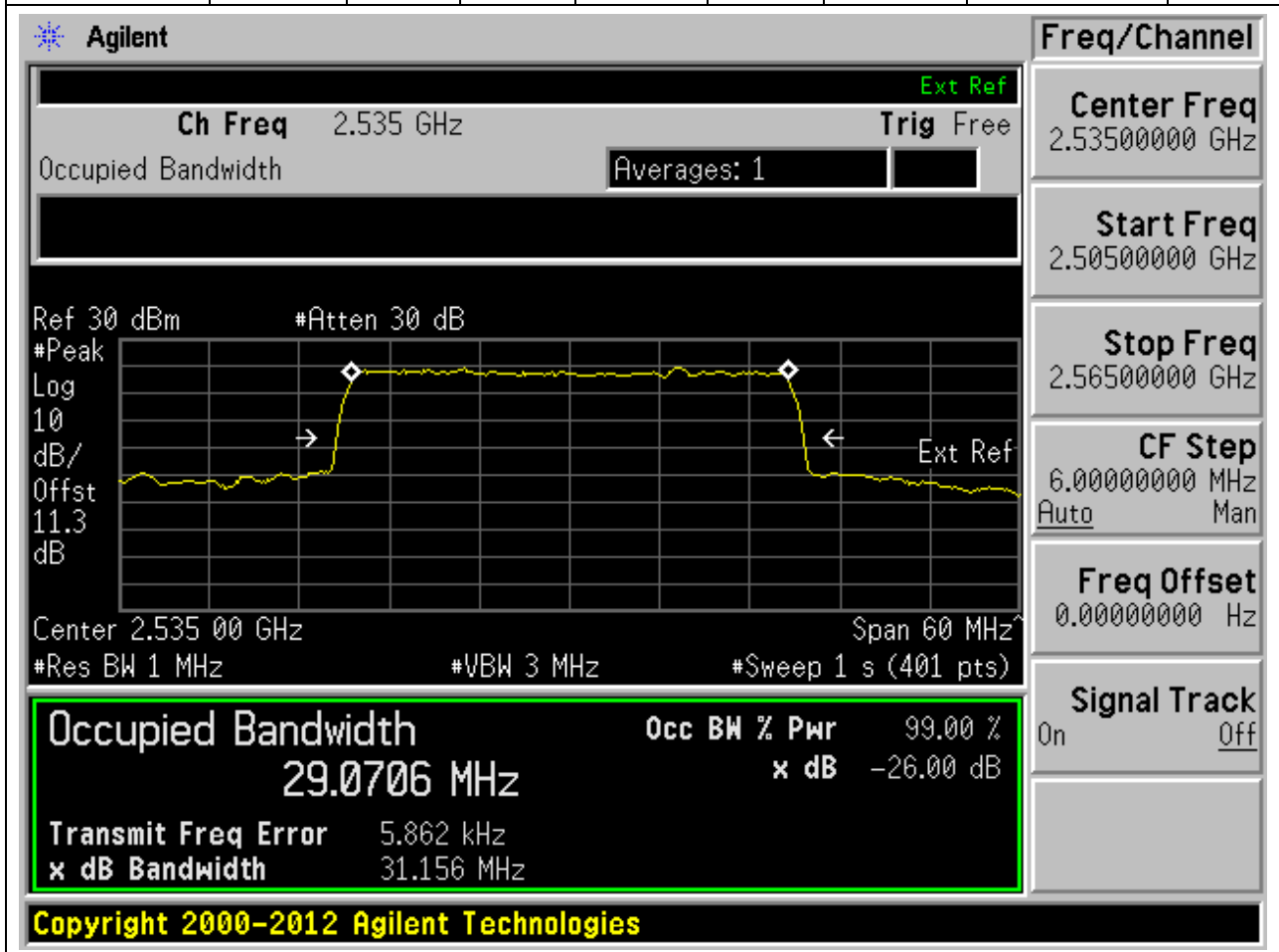
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2515	99.00	26	1	Peak	30	28.68251	30.99788	Pass



22. NR_n7_SCS15_30M_M_Outer Full(Pi2-BPSK)

22.15. NR Occupied Bandwidth(NTNV)

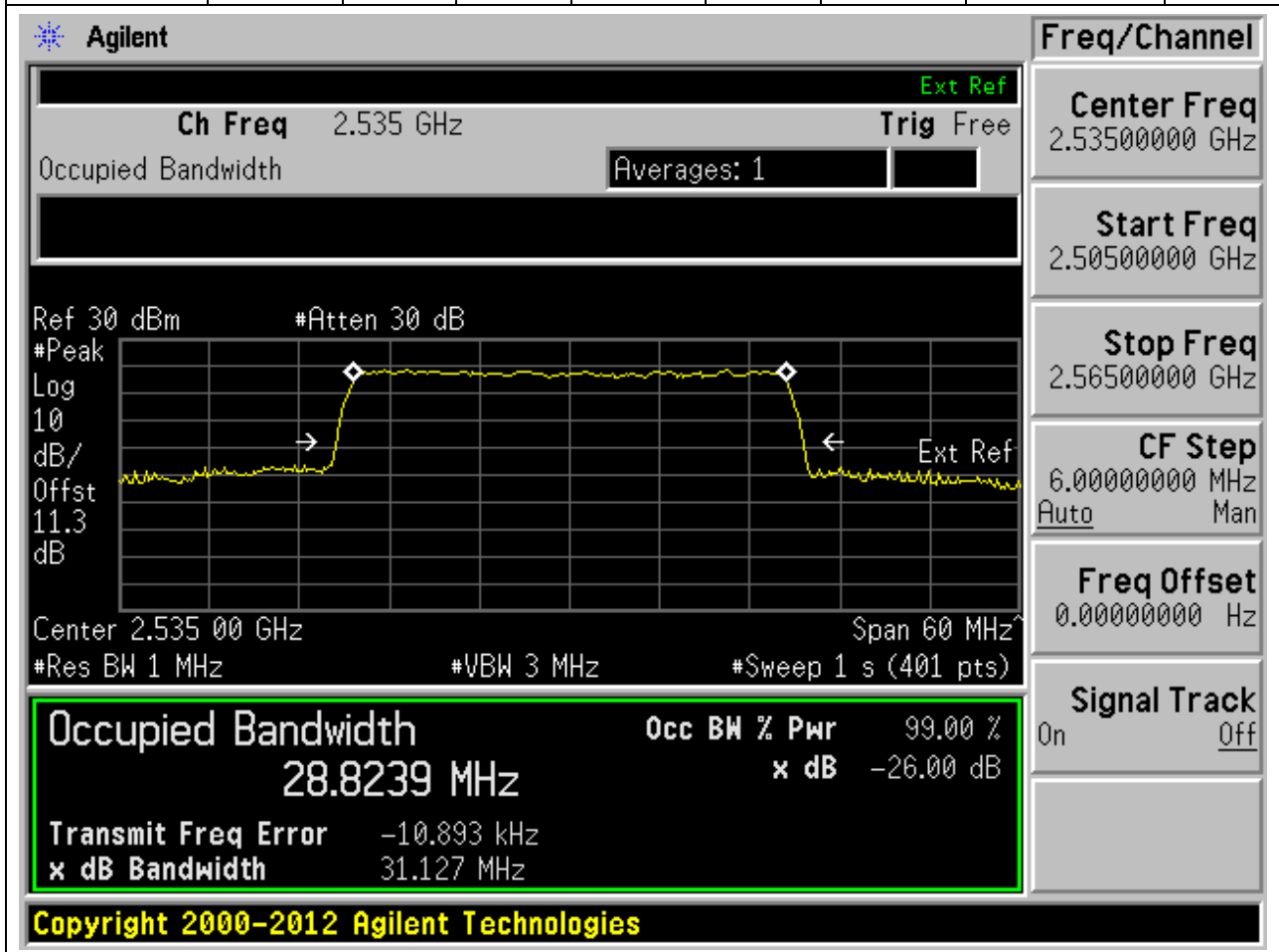
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	30	29.07063	31.1564	Pass



22. NR_n7_SCS15_30M_M_Outer Full(QPSK)

22.16. NR Occupied Bandwidth(NTNV)

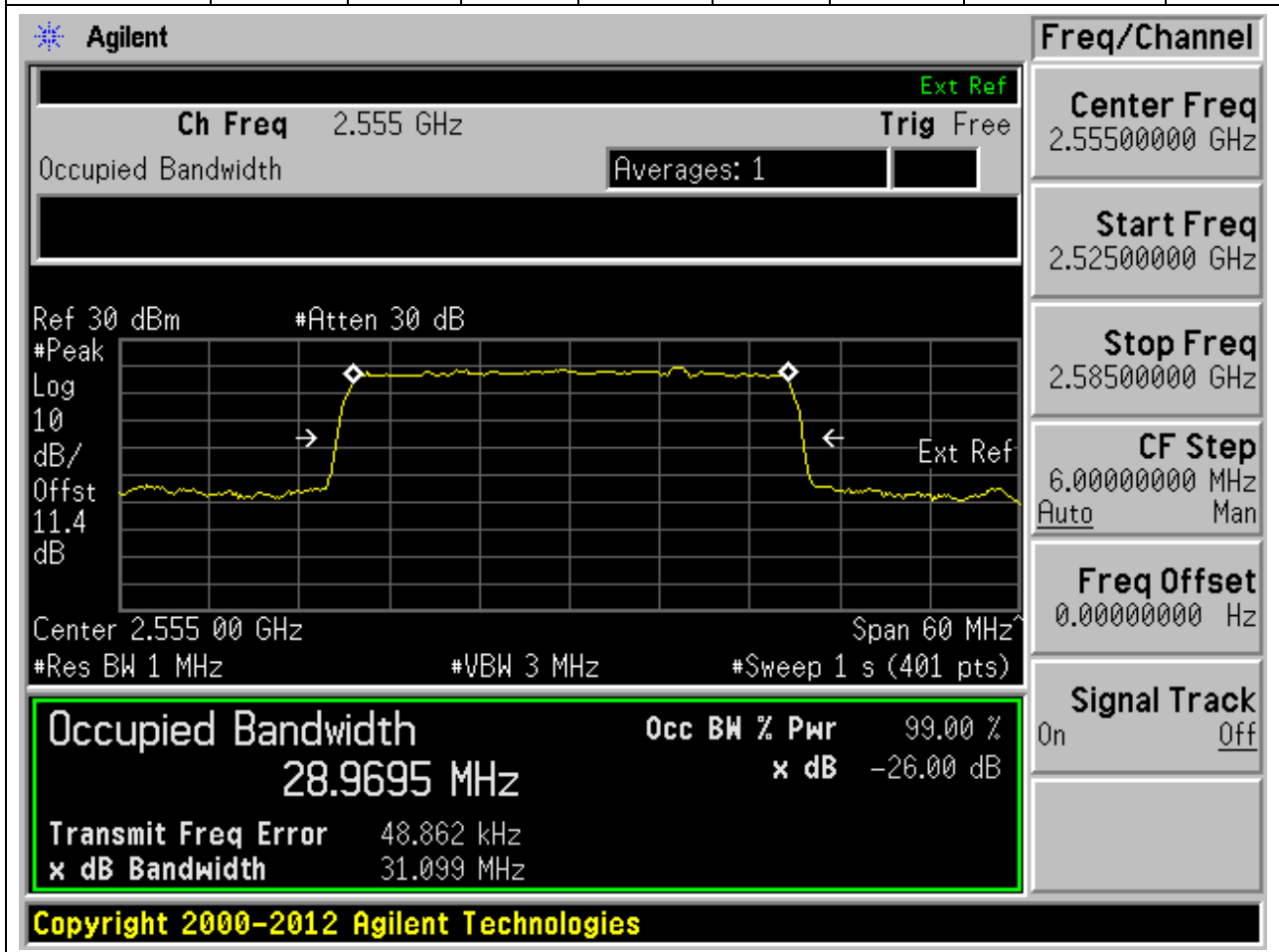
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	30	28.82386	31.12726	Pass



22. NR_n7_SCS15_30M_H_Outer Full(Pi2-BPSK)

22.17. NR Occupied Bandwidth(NTNV)

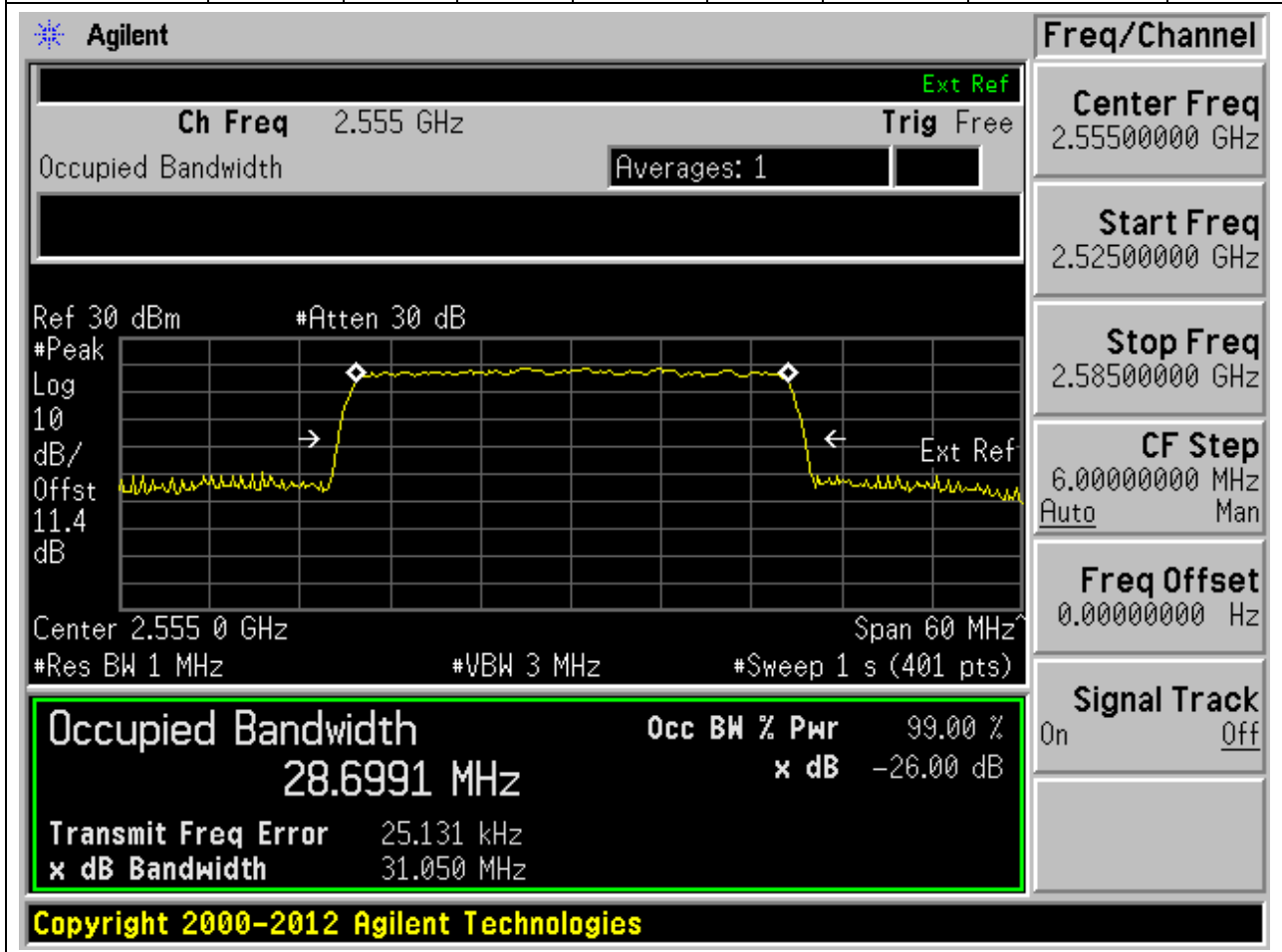
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2555	99.00	26	1	Peak	30	28.9695	31.09945	Pass



22. NR_n7_SCS15_30M_H_Outer Full(QPSK)

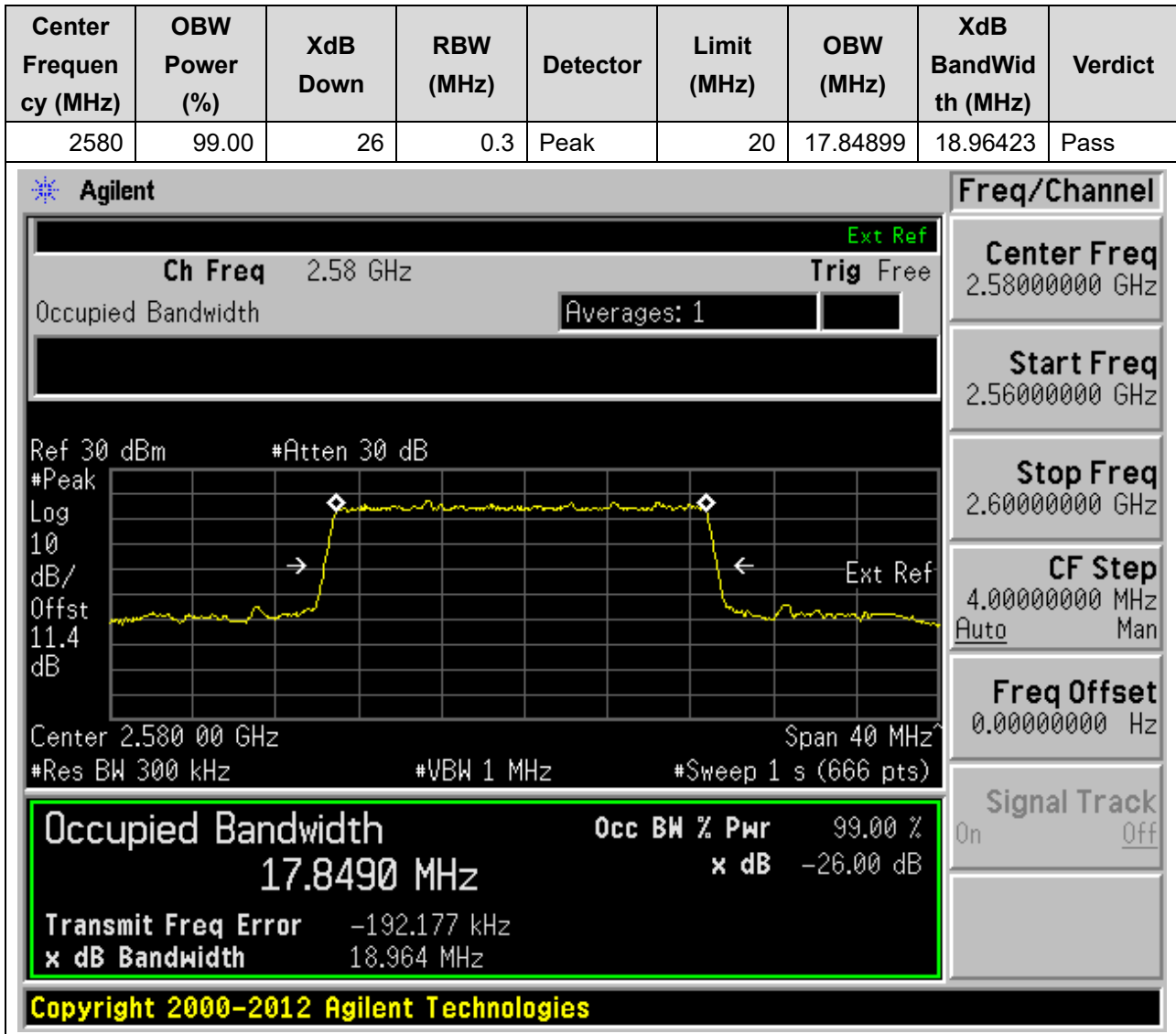
22.18. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2555	99.00	26	1	Peak	30	28.69912	31.04989	Pass



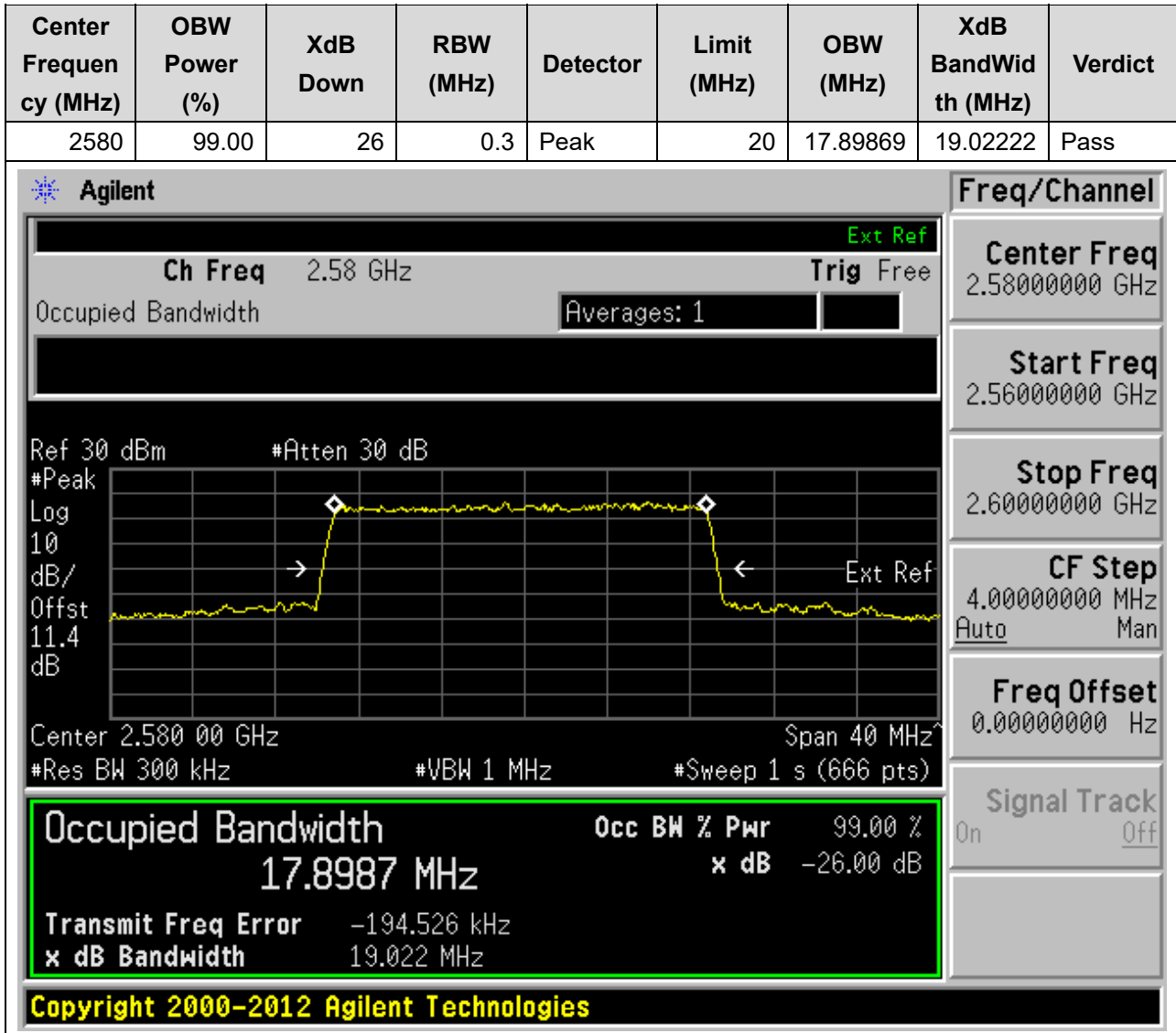
23. NR_n38_SCS30_20M_L_Outer Full(Pi2-BPSK)

23.1. NR Occupied Bandwidth(NTNV)



23. NR_n38_SCS30_20M_L_Outer Full(QPSK)

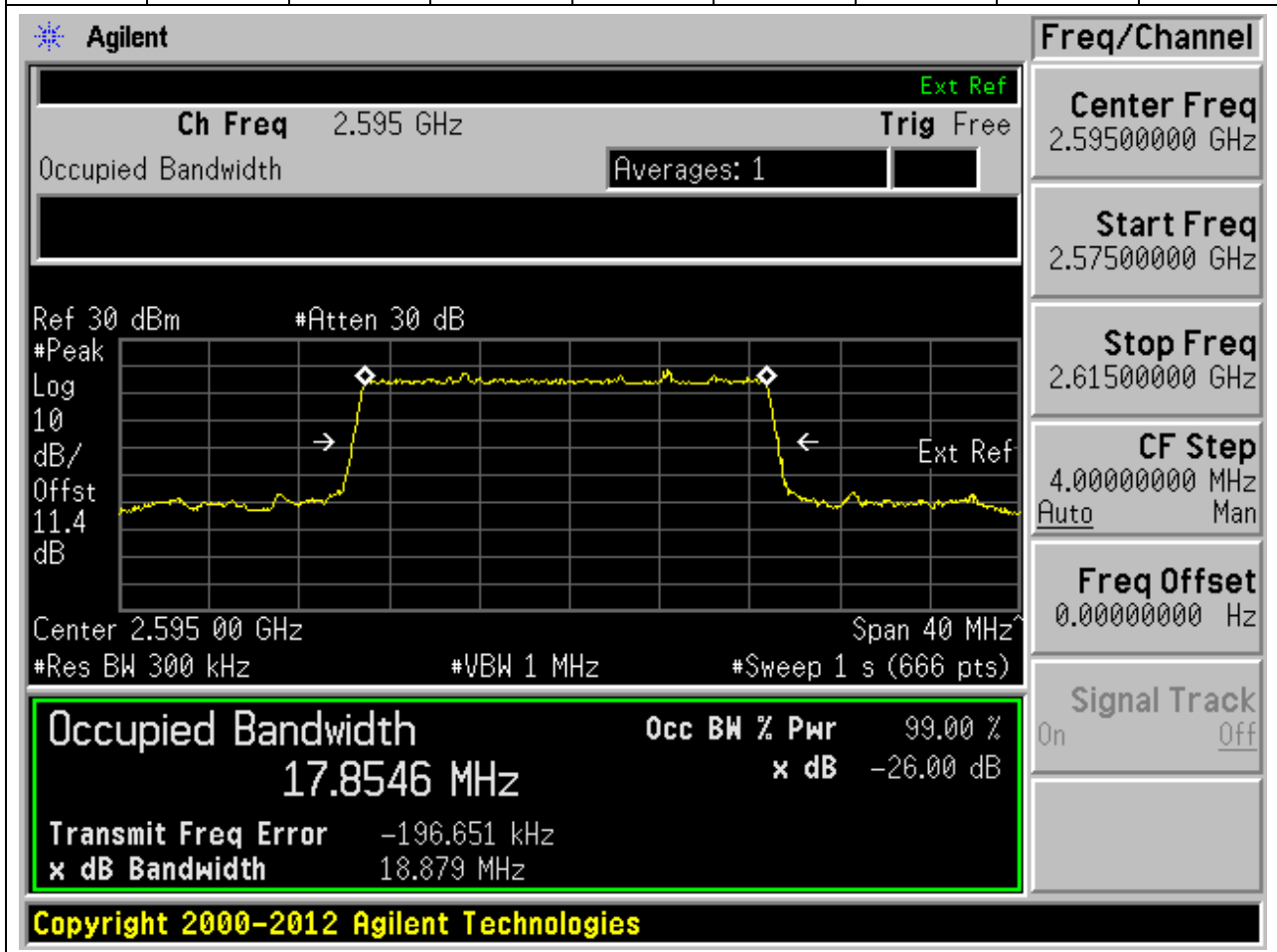
23.2. NR Occupied Bandwidth(NTNV)



23. NR_n38_SCS30_20M_M_Outer Full(Pi2-BPSK)

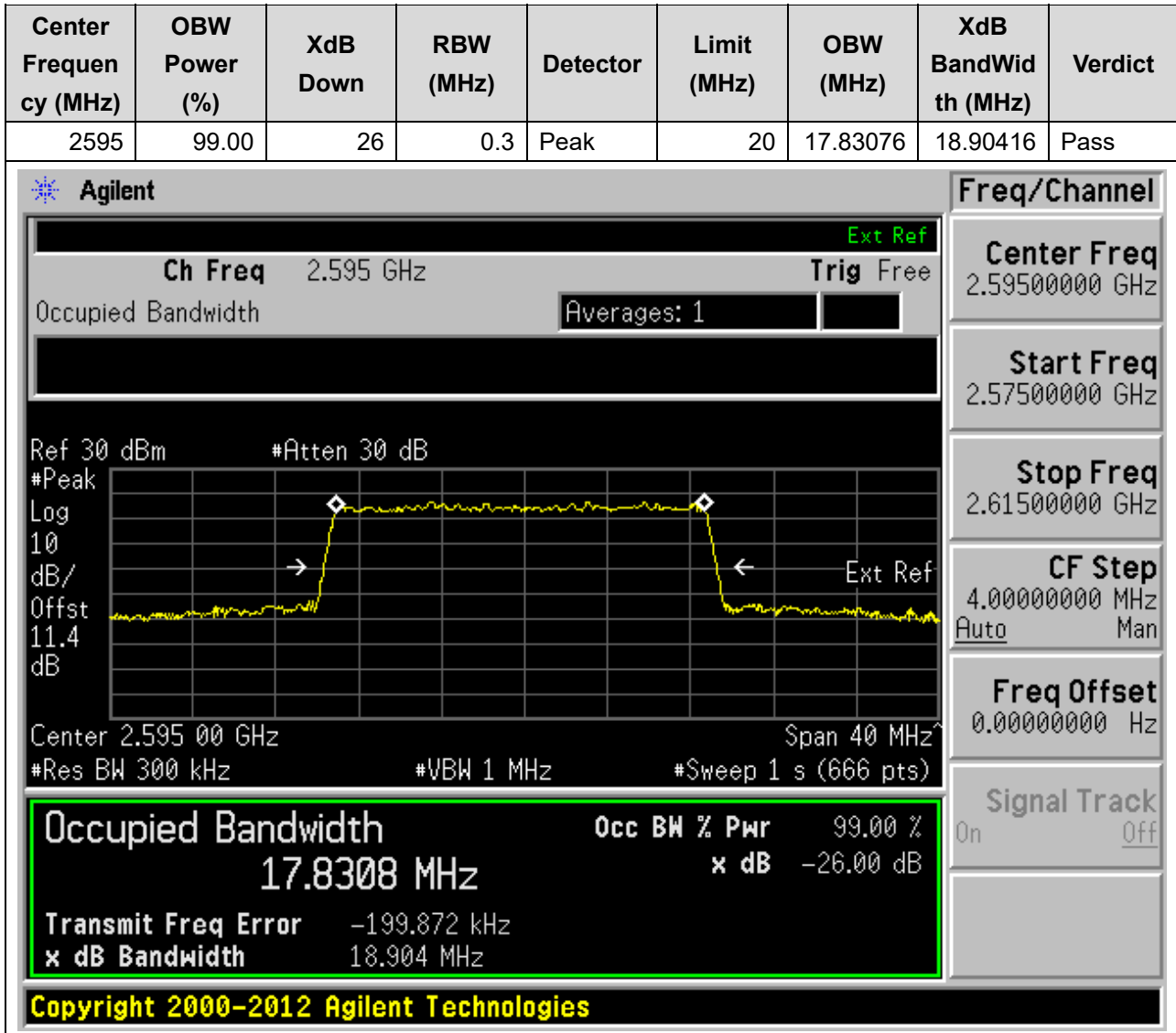
23.3. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2595	99.00	26	0.3	Peak	20	17.85465	18.87867	Pass



23. NR_n38_SCS30_20M_M_Outer Full(QPSK)

23.4. NR Occupied Bandwidth(NTNV)



23. NR_n38_SCS30_20M_H_Outer Full(Pi2-BPSK)

23.5. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2610	99.00	26	0.3	Peak	20	17.85583	18.91978	Pass

Agilent
Freq/Channel

Ch Freq 2.61 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

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

Ref 30 dBm #Atten 30 dB

Center 2.610 00 GHz Span 40 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (666 pts)

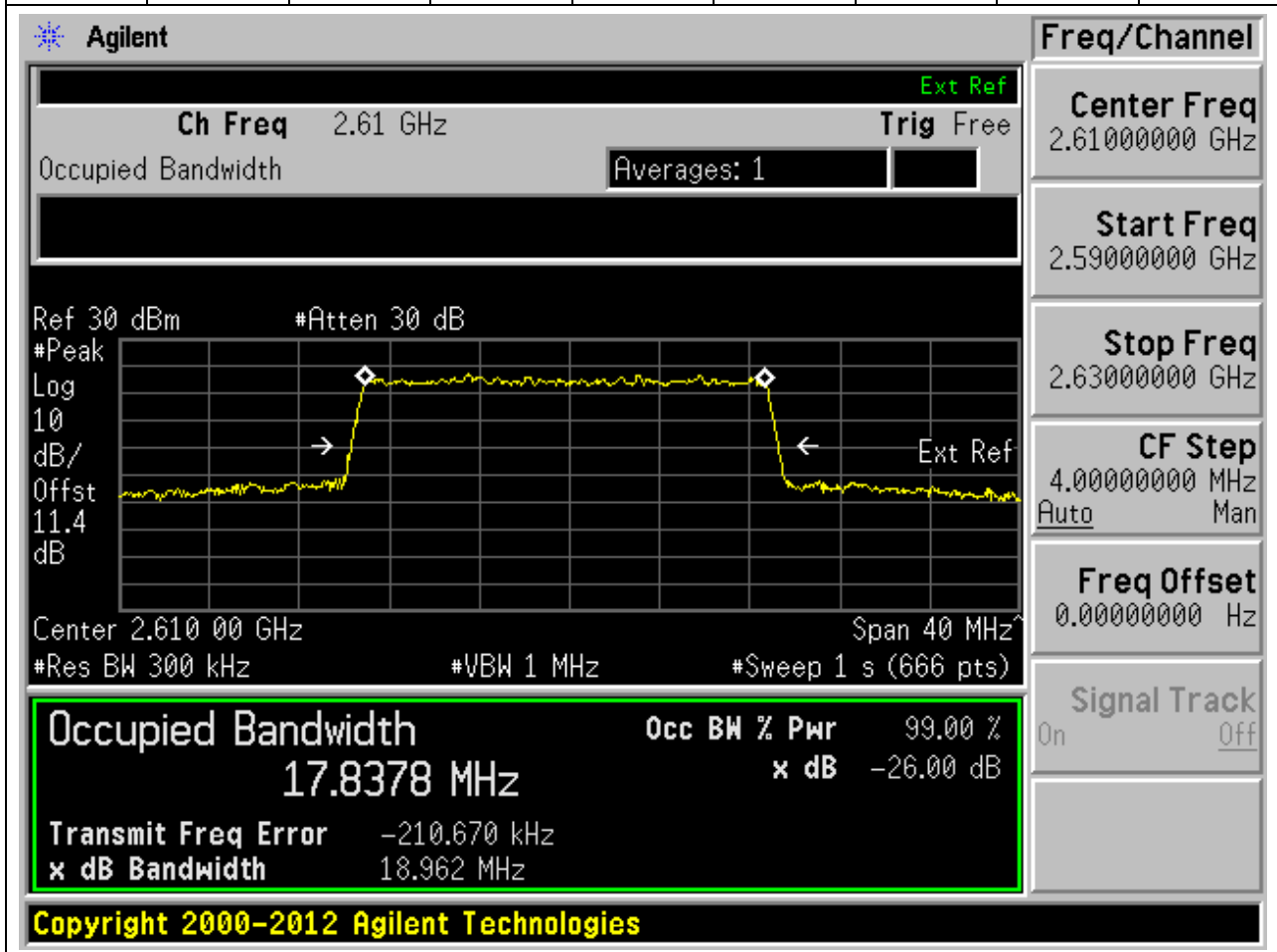
Occupied Bandwidth	Occ BW % Pwr 99.00 %
17.8558 MHz	x dB -26.00 dB
Transmit Freq Error -207.006 kHz	
x dB Bandwidth 18.920 MHz	

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23. NR_n38_SCS30_20M_H_Outer Full(QPSK)

23.6. NR Occupied Bandwidth(NTNV)

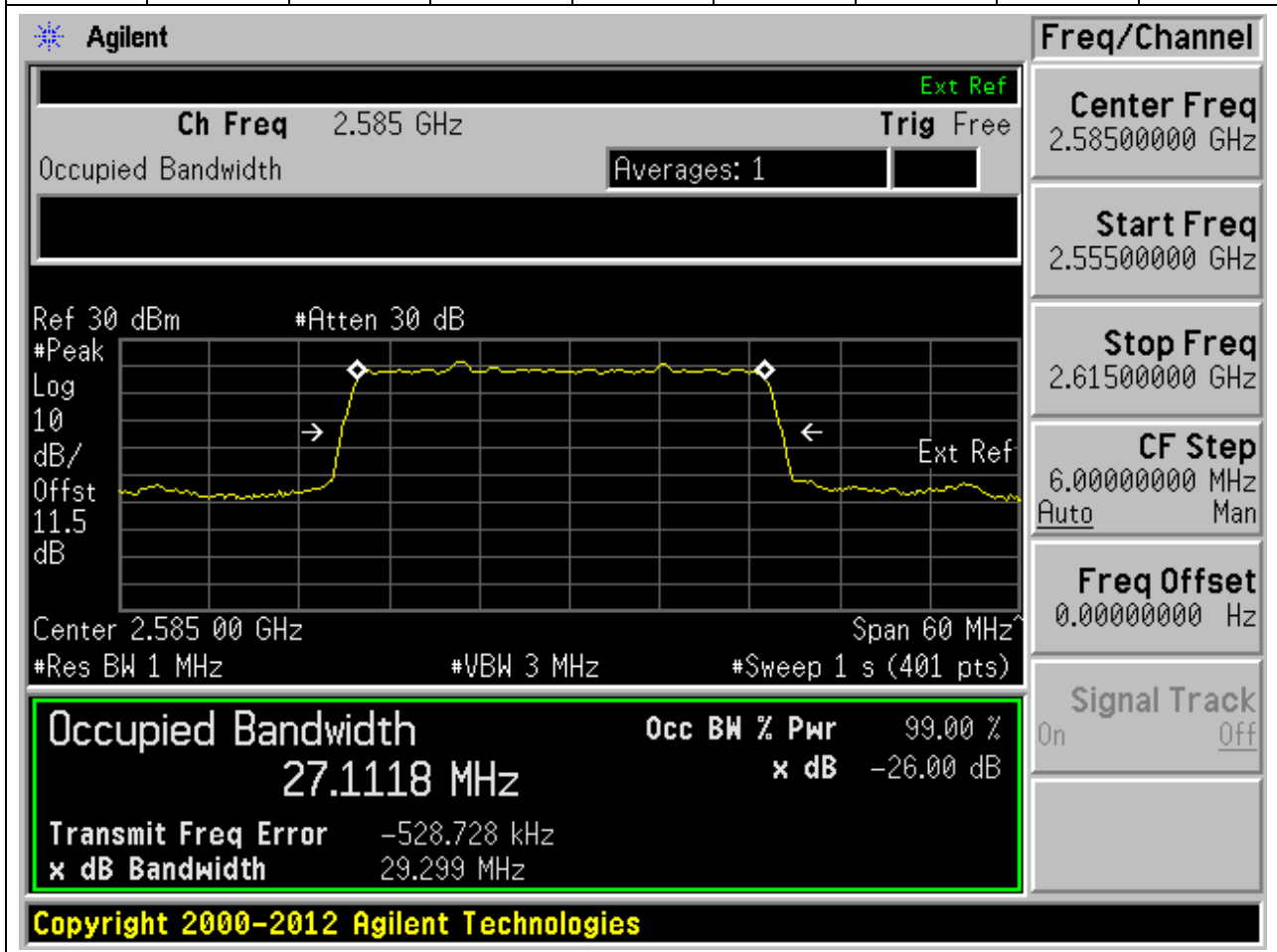
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2610	99.00	26	0.3	Peak	20	17.83776	18.9621	Pass



23. NR_n38_SCS30_30M_L_Outer Full(Pi2-BPSK)

23.7. NR Occupied Bandwidth(NTNV)

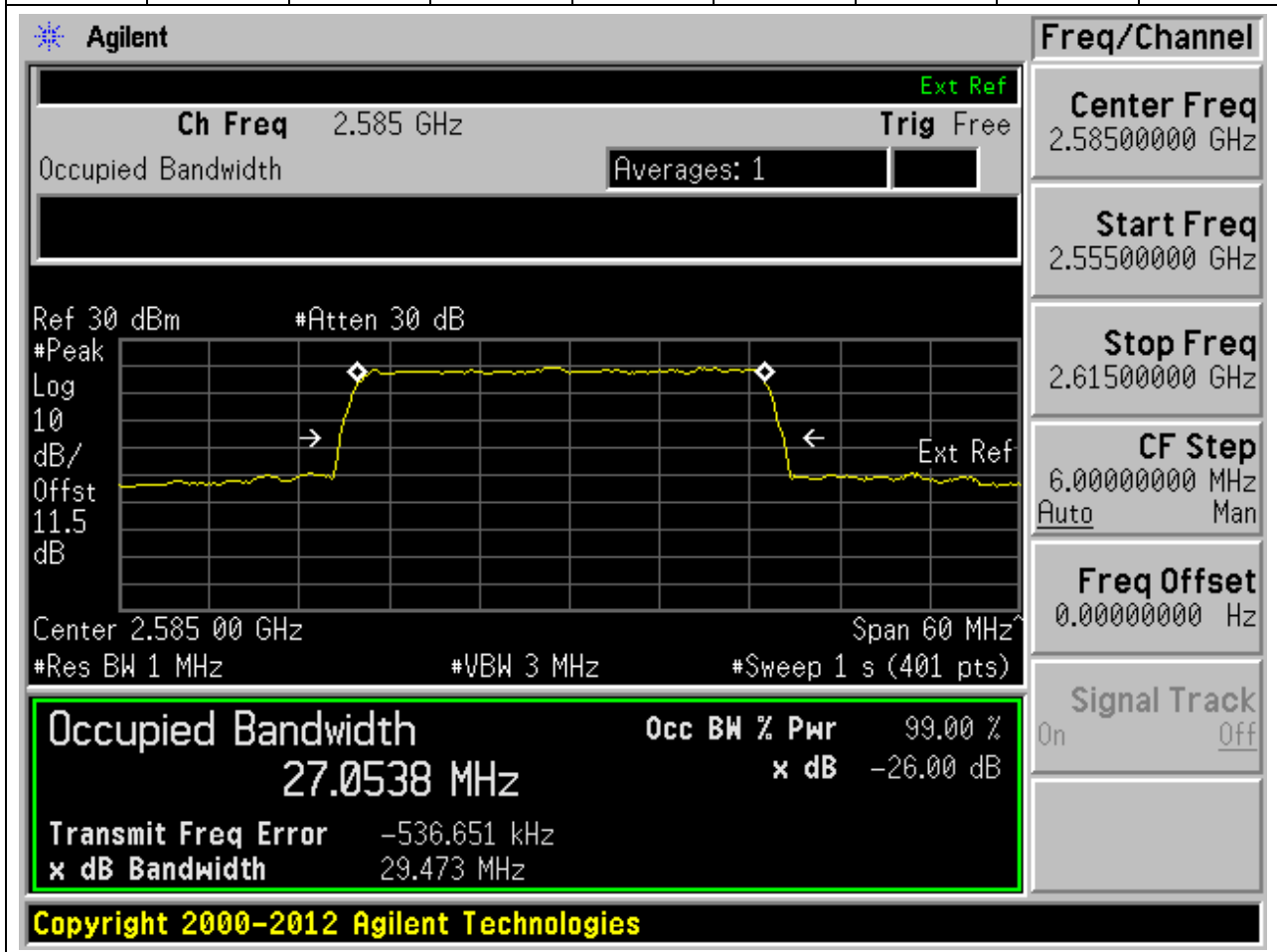
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2585	99.00	26	1	Peak	30	27.11182	29.29882	Pass



23. NR_n38_SCS30_30M_L_Outer Full(QPSK)

23.8. NR Occupied Bandwidth(NTNV)

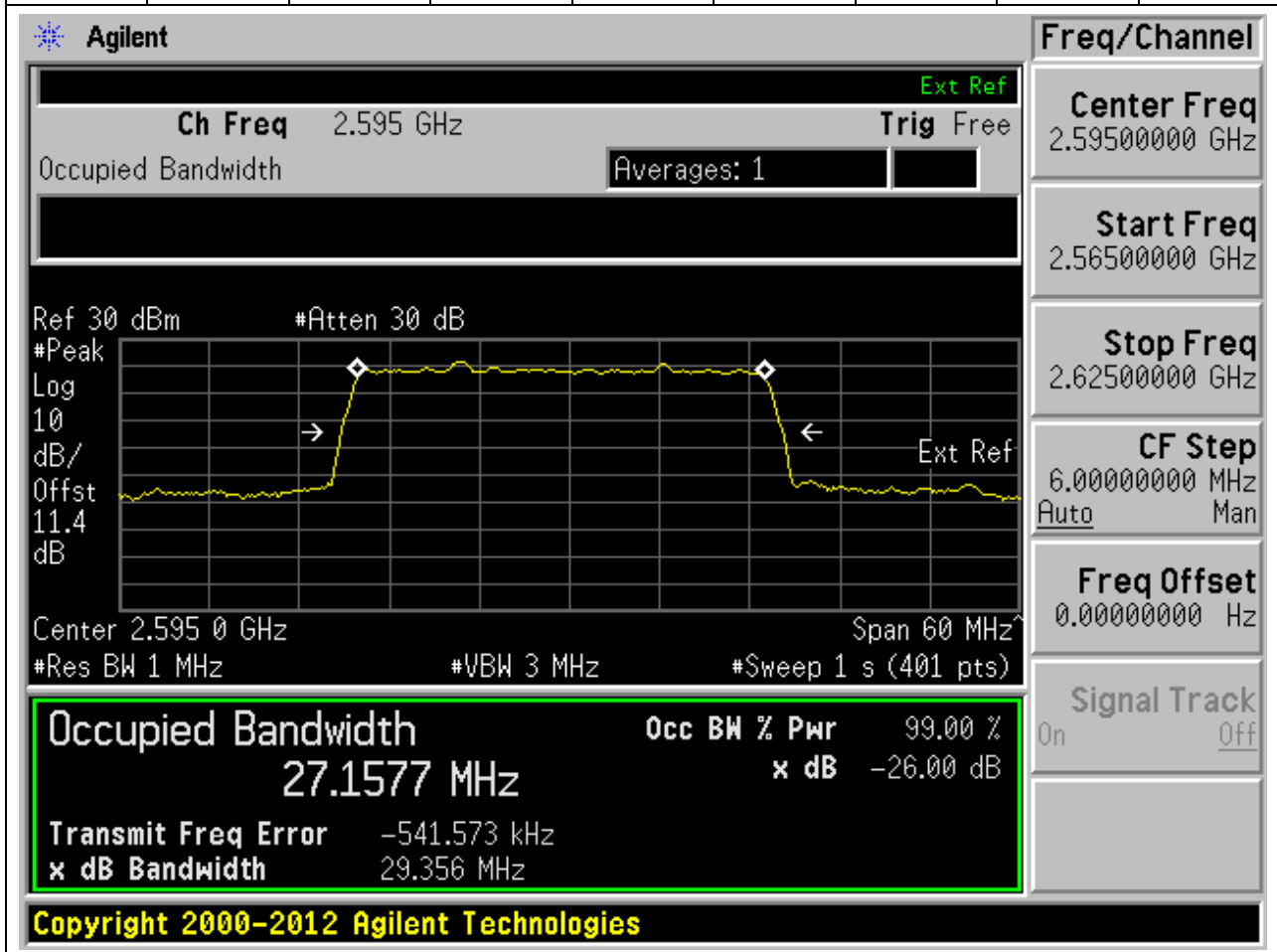
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2585	99.00	26	1	Peak	30	27.05377	29.47325	Pass



23. NR_n38_SCS30_30M_M_Outer Full(Pi2-BPSK)

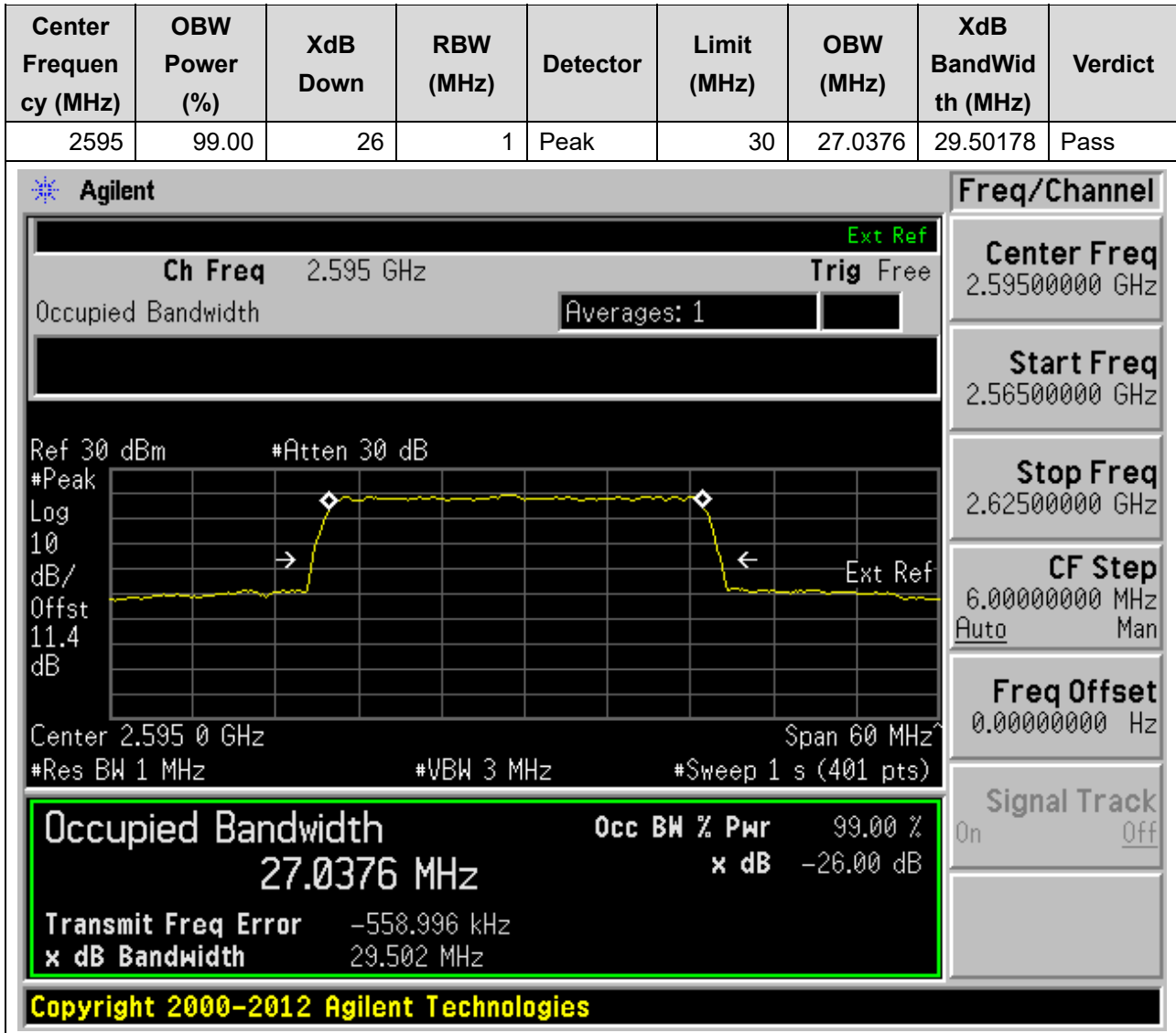
23.9. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2595	99.00	26	1	Peak	30	27.15765	29.35555	Pass



23. NR_n38_SCS30_30M_M_Outer Full(QPSK)

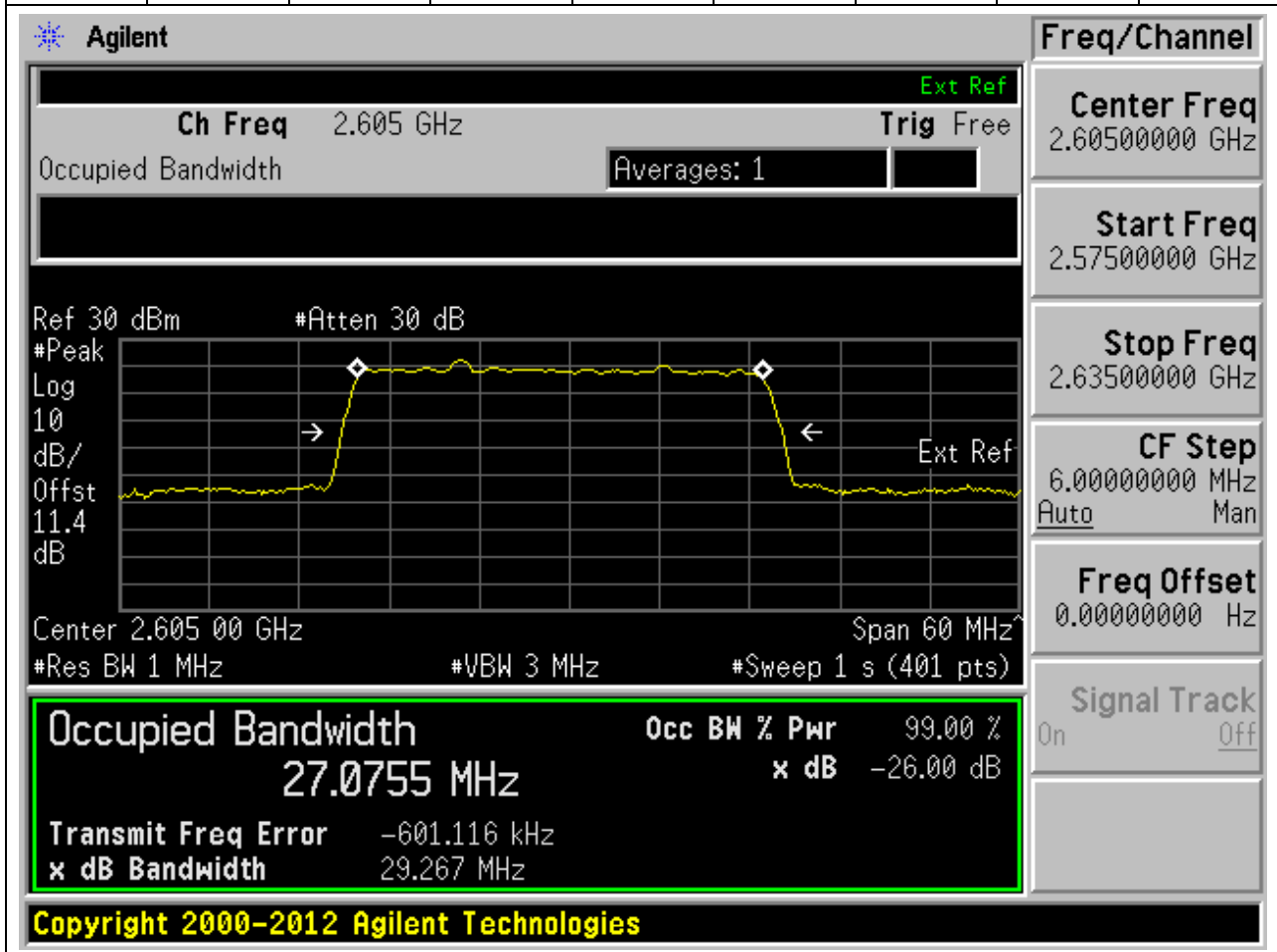
23.10. NR Occupied Bandwidth(NTNV)



23. NR_n38_SCS30_30M_H_Outer Full(Pi2-BPSK)

23.11. NR Occupied Bandwidth(NTNV)

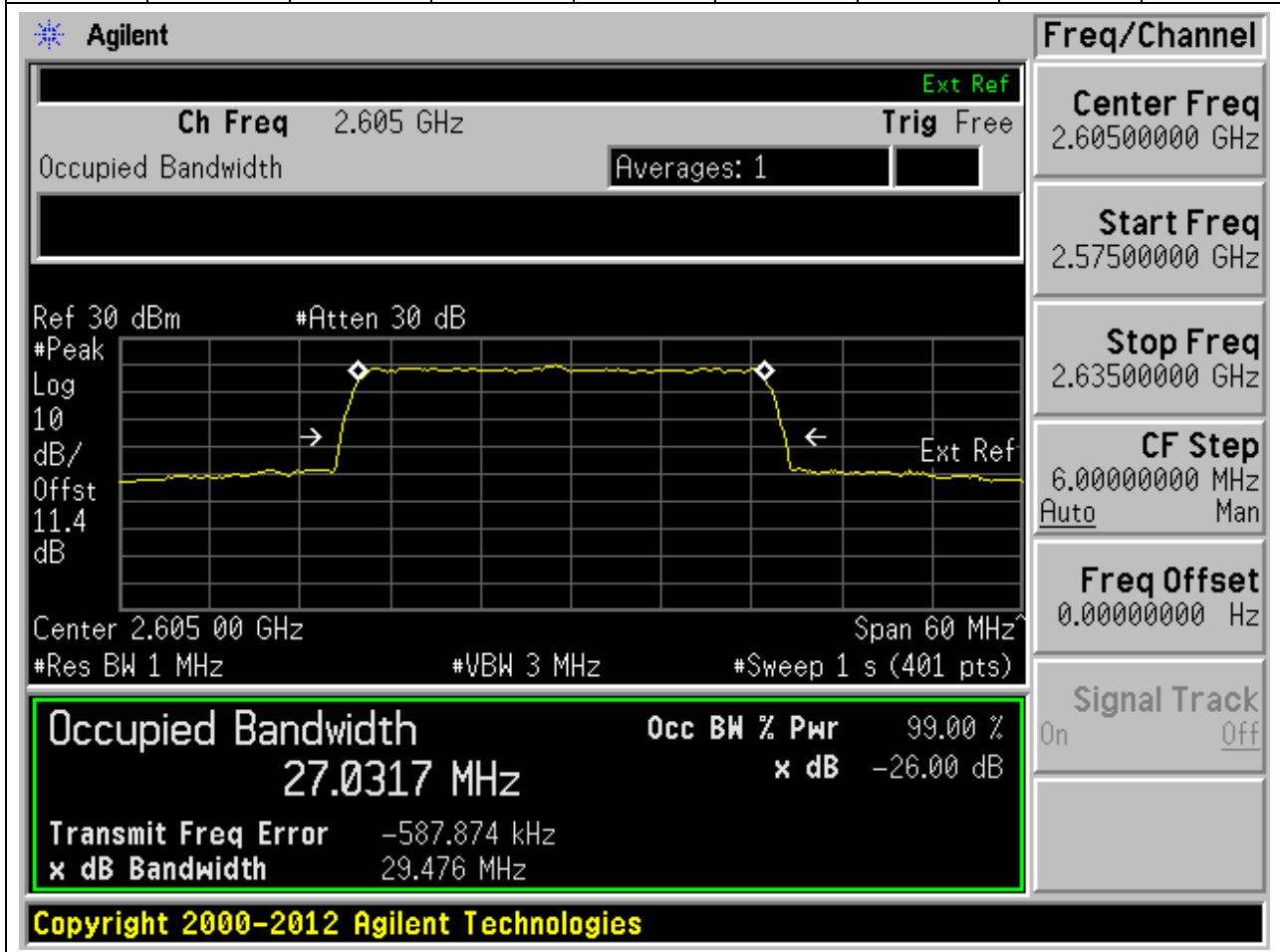
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2605	99.00	26	1	Peak	30	27.0755	29.26684	Pass



23. NR_n38_SCS30_30M_H_Outer Full(QPSK)

23.12. NR Occupied Bandwidth(NTNV)

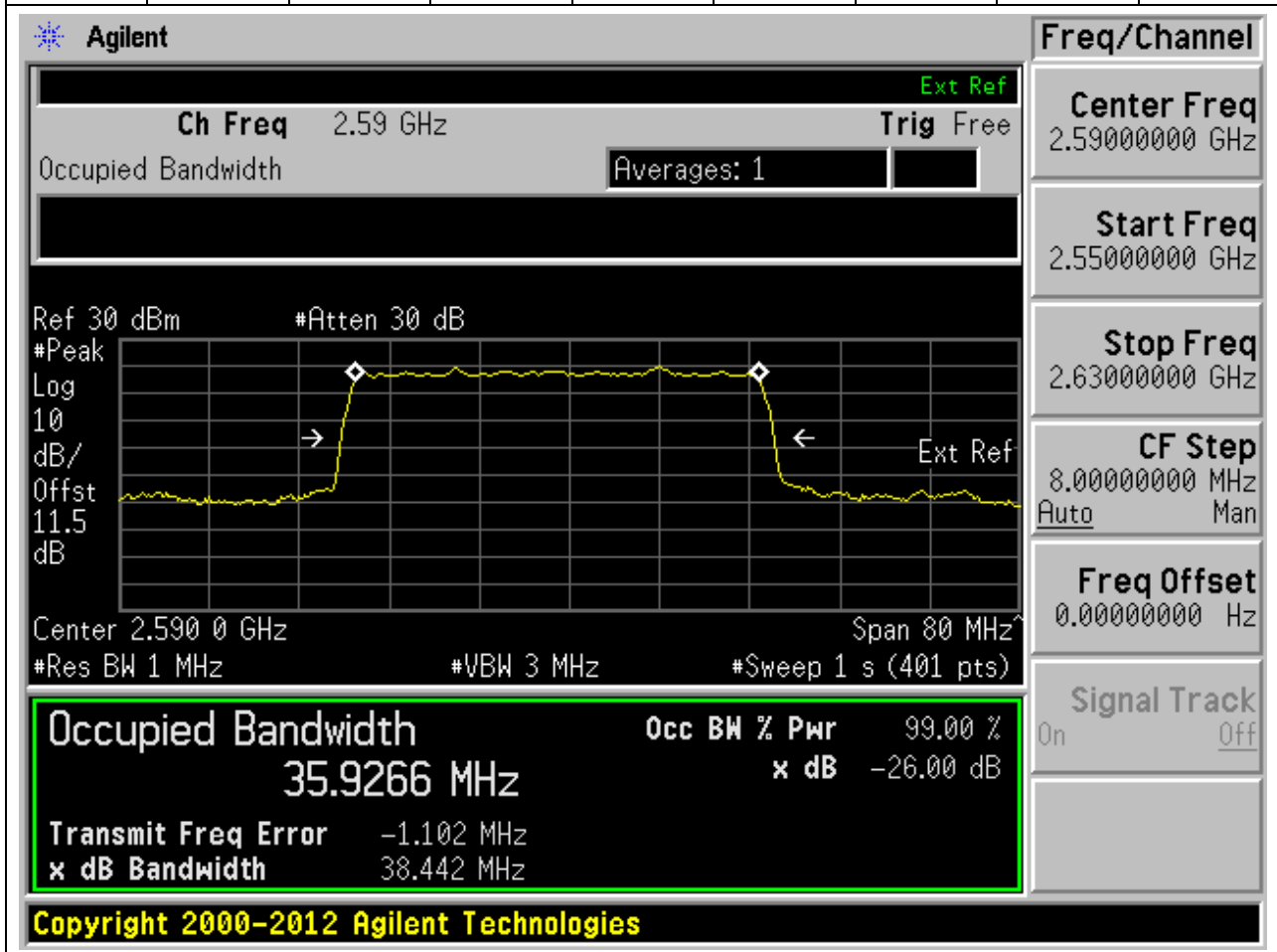
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2605	99.00	26	1	Peak	30	27.03171	29.47648	Pass



23. NR_n38_SCS30_40M_L_Outer Full(Pi2-BPSK)

23.13. NR Occupied Bandwidth(NTNV)

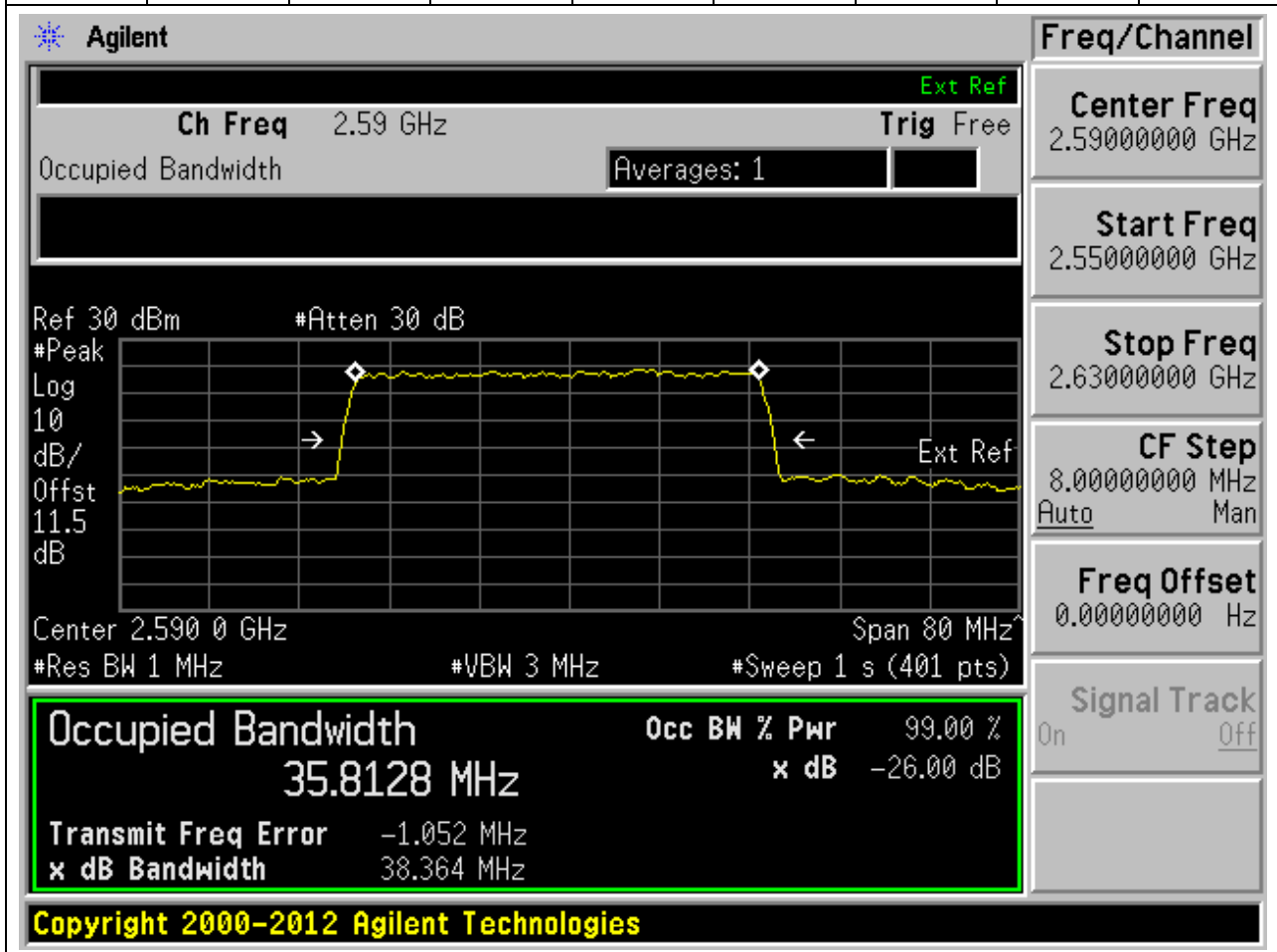
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2590	99.00	26	1	Peak	40	35.92662	38.44183	Pass



23. NR_n38_SCS30_40M_L_Outer Full(QPSK)

23.14. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2590	99.00	26	1	Peak	40	35.81279	38.36401	Pass



23. NR_n38_SCS30_40M_M_Outer Full(Pi2-BPSK)

23.15. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2595	99.00	26	1	Peak	40	35.92784	38.45572	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 11.4 dB

Center 2.595 0 GHz Span 80 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 1 s (401 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

35.9278 MHz x dB -26.00 dB

Transmit Freq Error -1.121 MHz

x dB Bandwidth 38.456 MHz

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Center Freq 2.59500000 GHz

Start Freq 2.55500000 GHz

Stop Freq 2.63500000 GHz

CF Step 8.00000000 MHz Auto Man

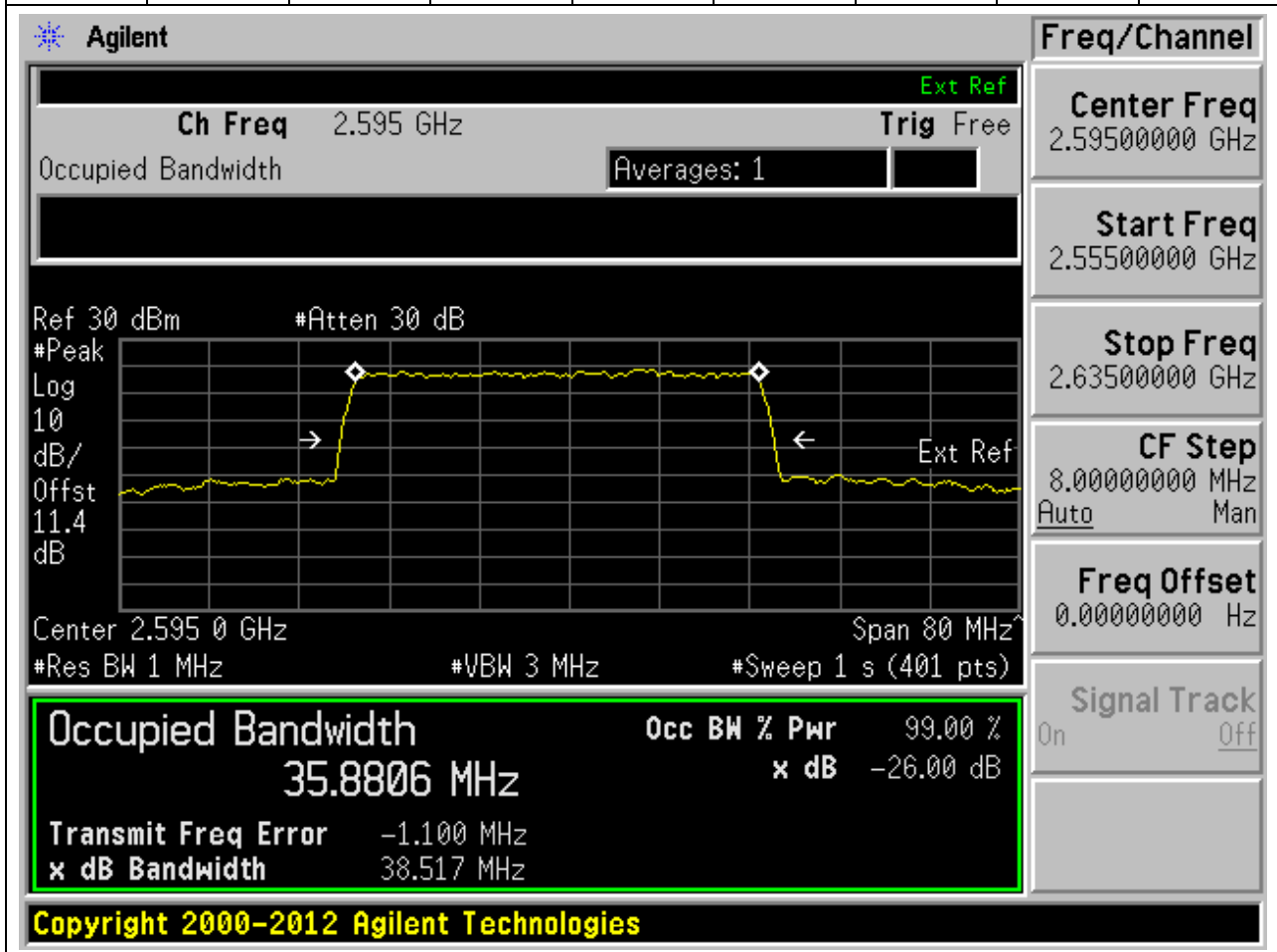
Freq Offset 0.00000000 Hz

Signal Track On Off

23. NR_n38_SCS30_40M_M_Outer Full(QPSK)

23.16. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2595	99.00	26	1	Peak	40	35.88064	38.51723	Pass



23. NR_n38_SCS30_40M_H_Outer Full(Pi2-BPSK)

23.17. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2600	99.00	26	1	Peak	40	35.97256	38.43367	Pass

Agilent

Ch Freq 2.6 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Ref 30 dBm #Peak Log 10 dB/Offst 11.4 dB

Center 2.600 0 GHz Span 80 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 1 s (401 pts)

Freq/Channel

Center Freq 2.60000000 GHz

Start Freq 2.56000000 GHz

Stop Freq 2.64000000 GHz

CF Step 8.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

35.9726 MHz x dB -26.00 dB

Transmit Freq Error -1.102 MHz

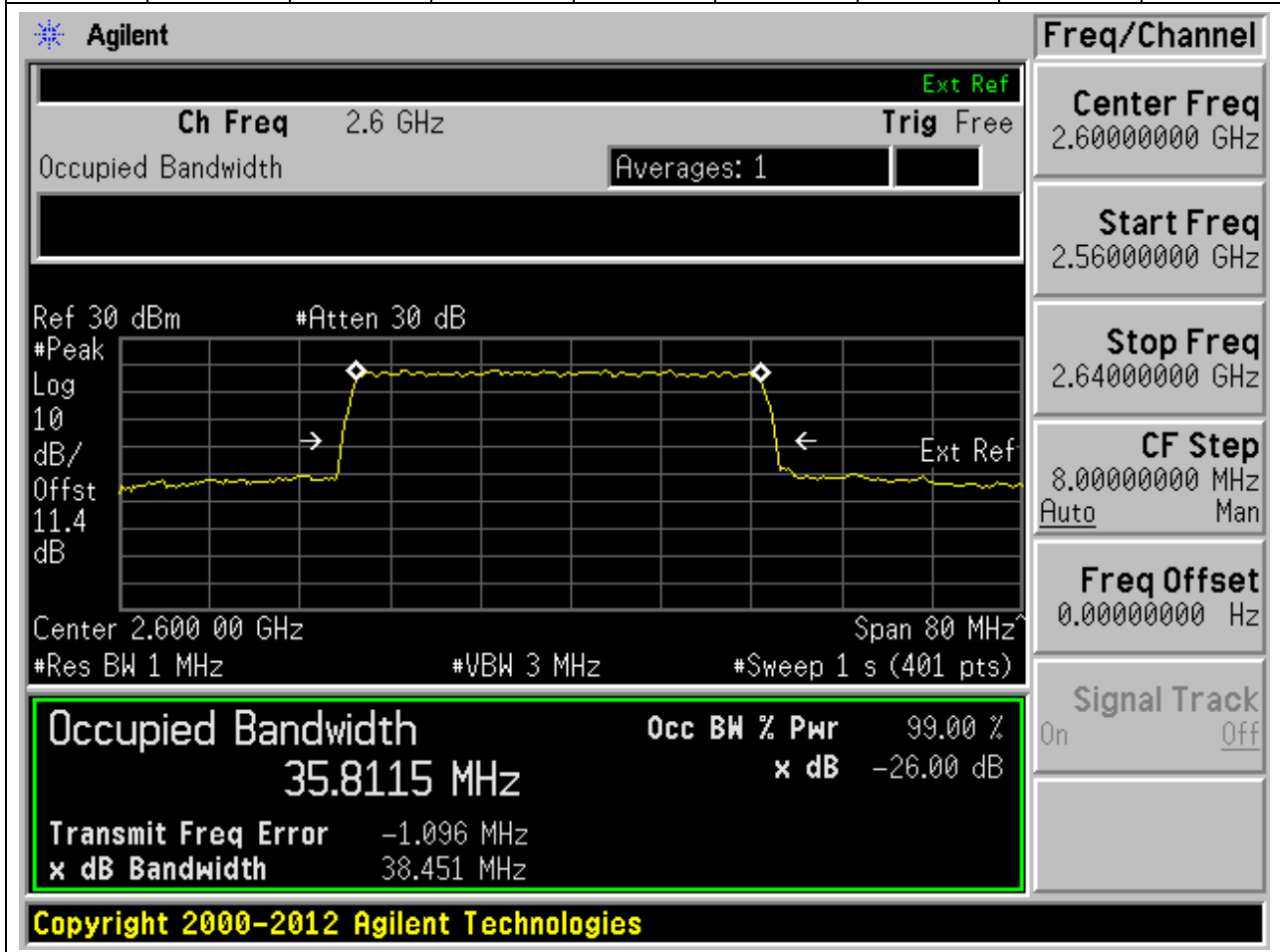
x dB Bandwidth 38.434 MHz

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23. NR_n38_SCS30_40M_H_Outer Full(QPSK)

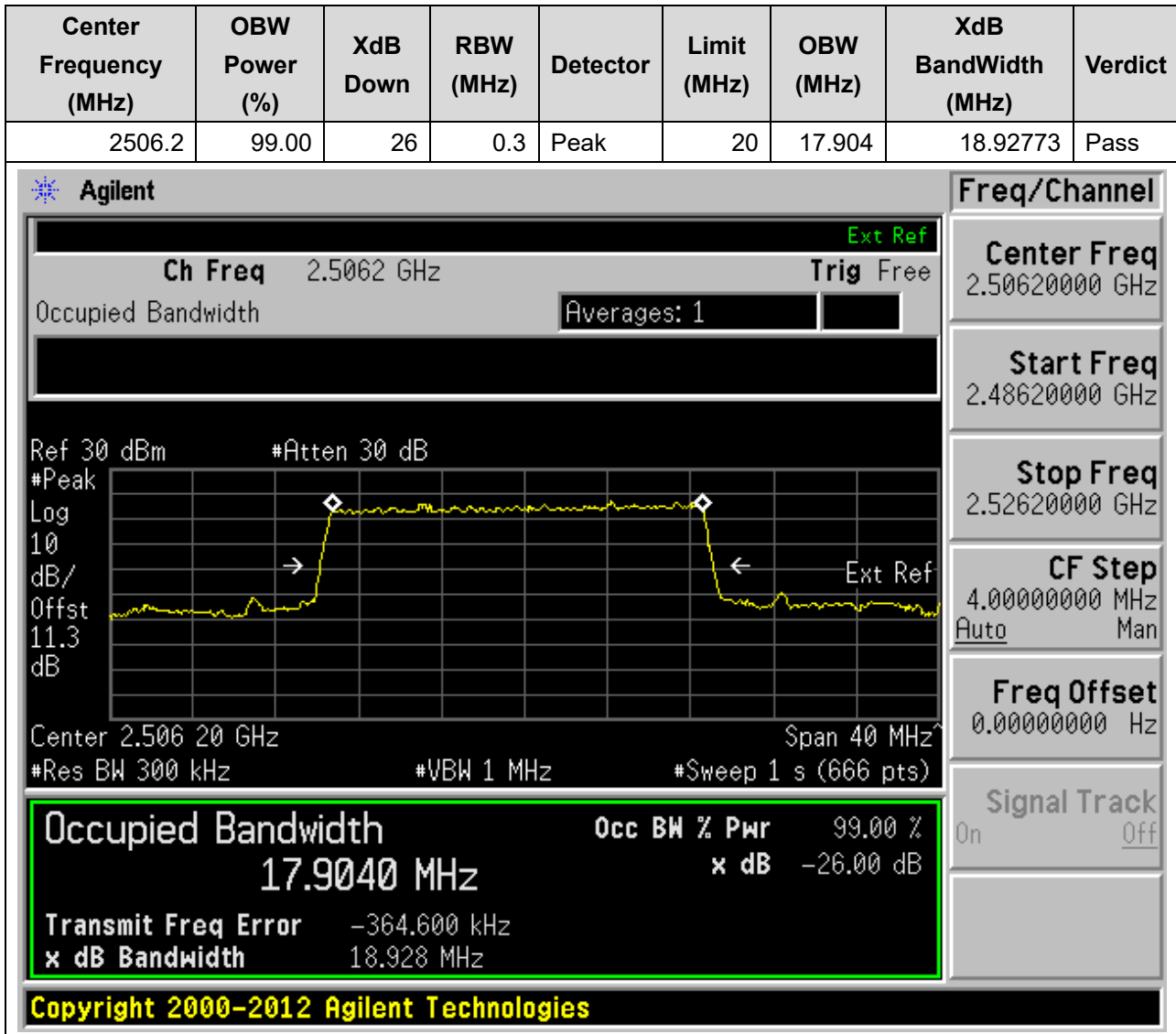
23.18. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
2600	99.00	26	1	Peak	40	35.81153	38.45132	Pass



24. NR_n41_SCS30_20M_L_Outer Full(Pi2-BPSK)

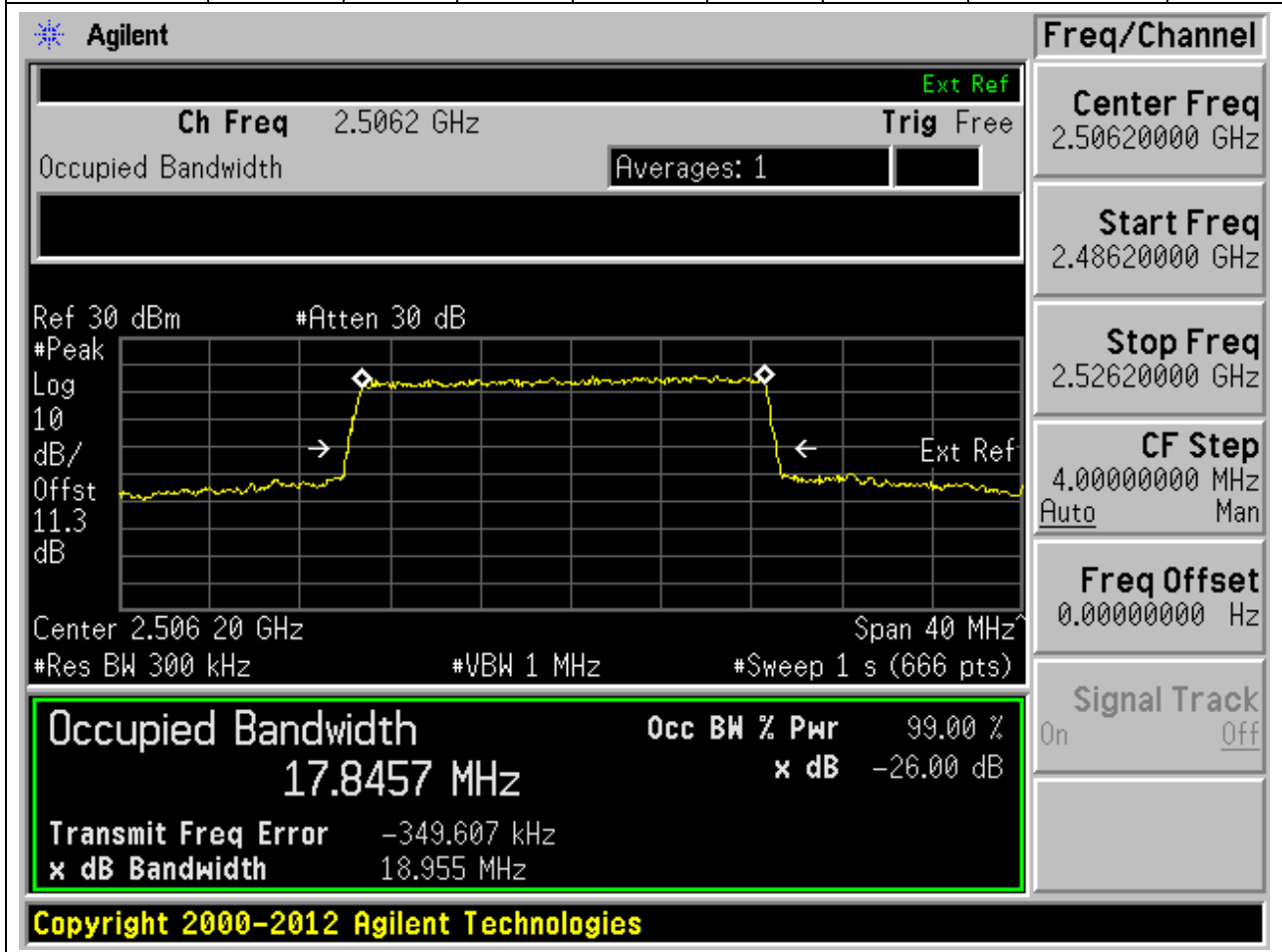
24.1. NR Occupied Bandwidth(NTNV)



24. NR_n41_SCS30_20M_L_Outer Full(QPSK)

24.2. NR Occupied Bandwidth(NTNV)

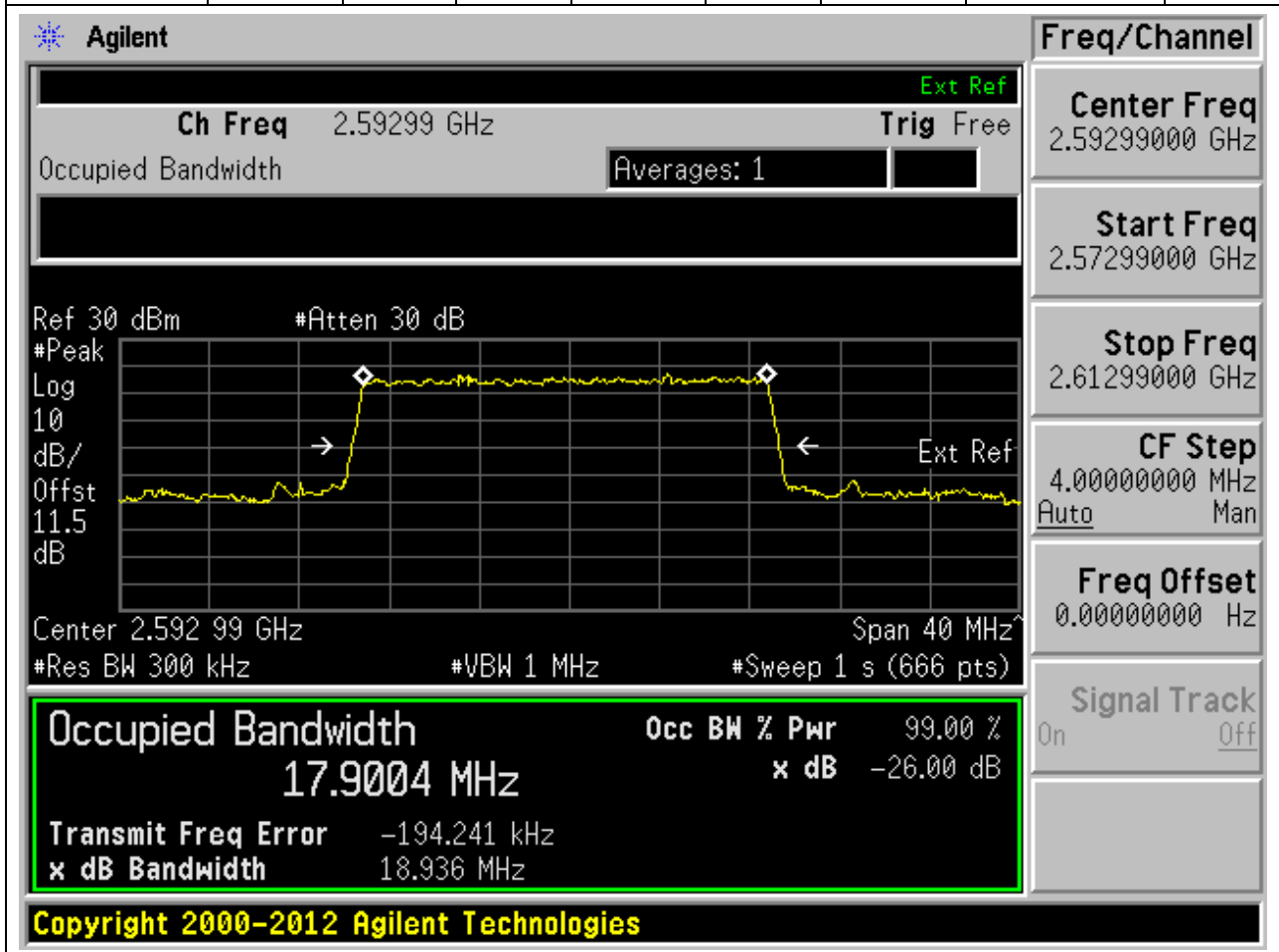
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2506.2	99.00	26	0.3	Peak	20	17.84567	18.95542	Pass



24. NR_n41_SCS30_20M_M_Outer Full(Pi2-BPSK)

24.3. NR Occupied Bandwidth(NTNV)

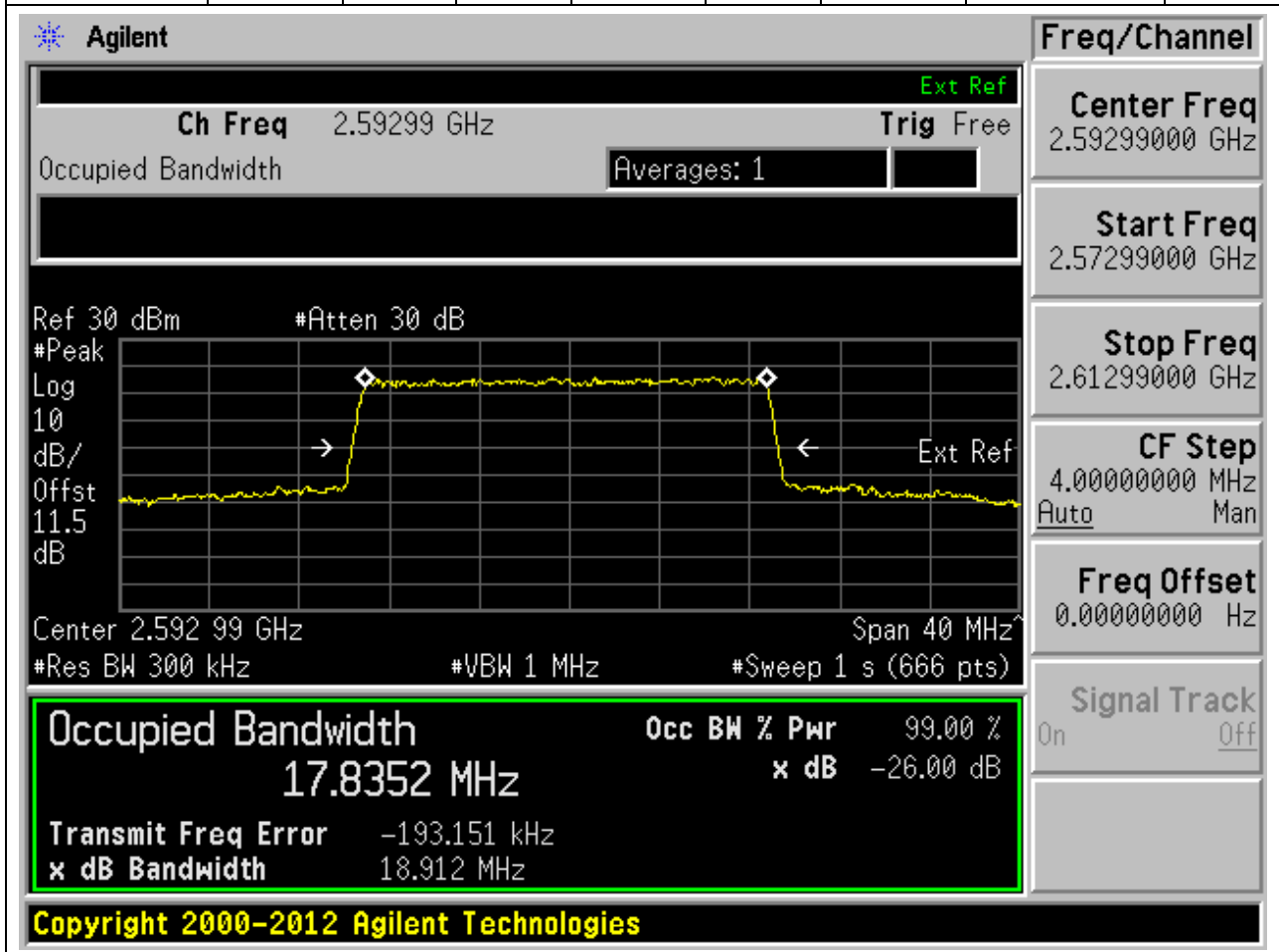
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2592.99	99.00	26	0.3	Peak	20	17.90037	18.9364	Pass



24. NR_n41_SCS30_20M_M_Outer Full(QPSK)

24.4. NR Occupied Bandwidth(NTNV)

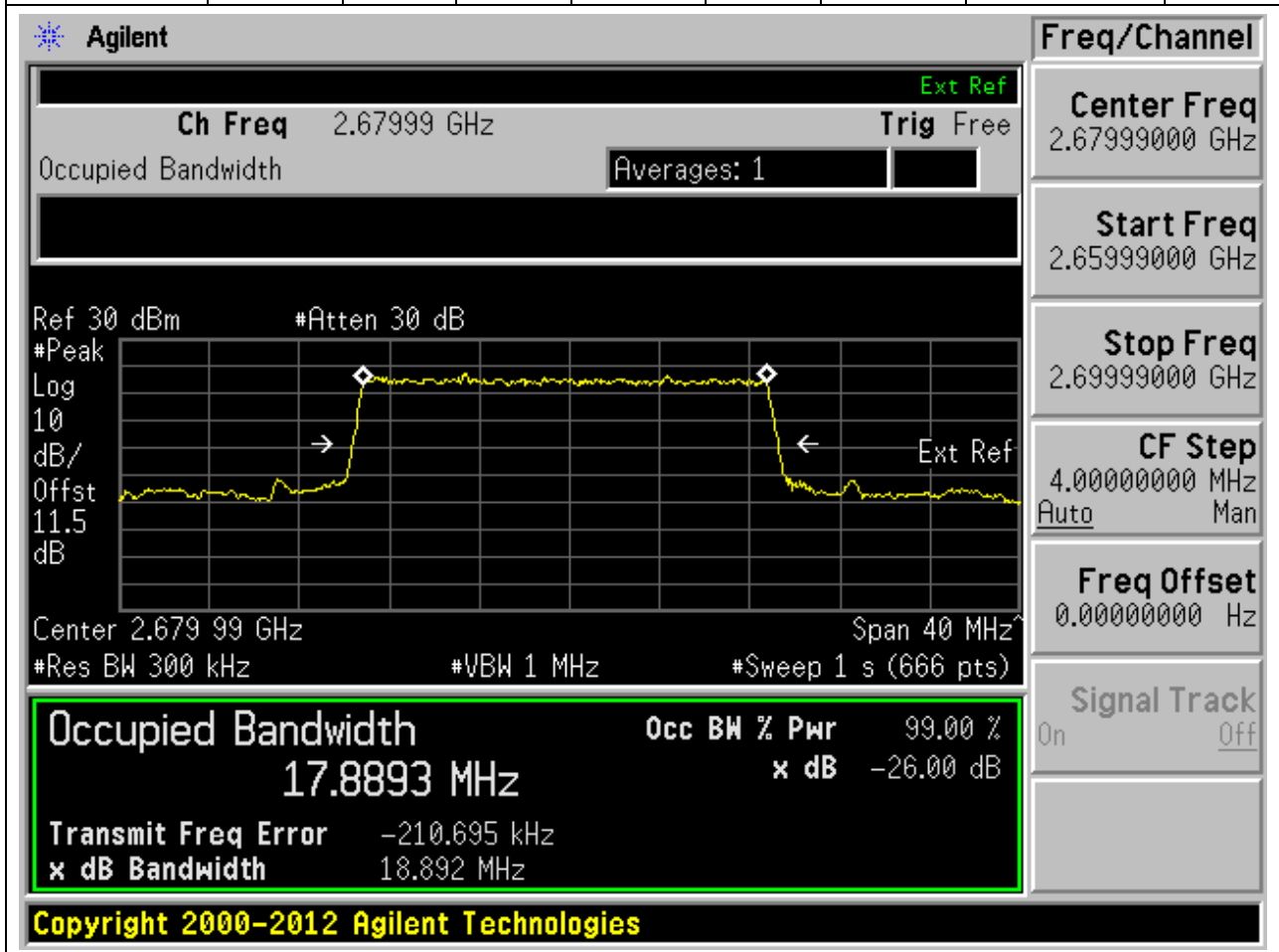
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2592.99	99.00	26	0.3	Peak	20	17.83521	18.91171	Pass



24. NR_n41_SCS30_20M_H_Outer Full(Pi2-BPSK)

24.5. NR Occupied Bandwidth(NTNV)

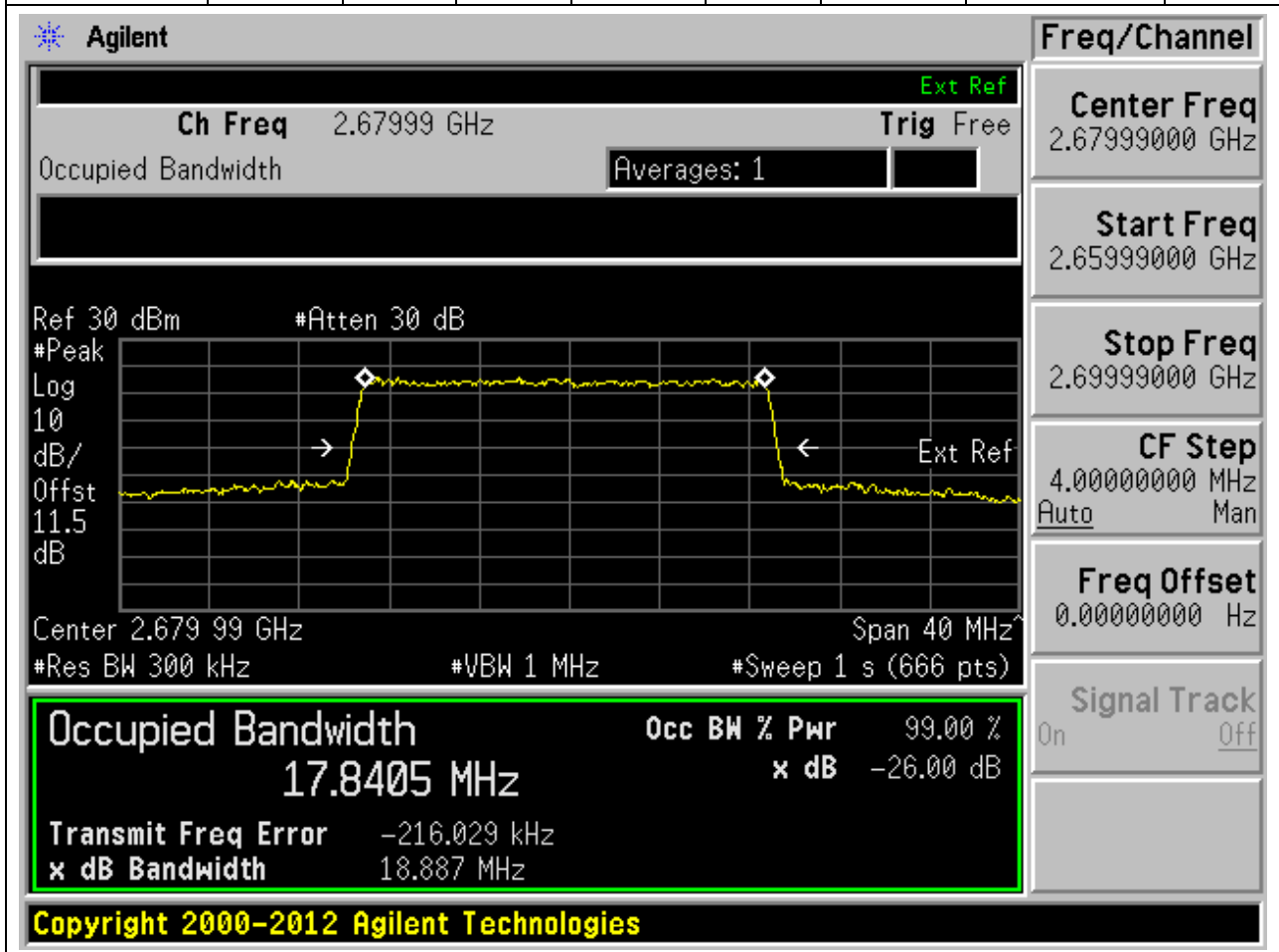
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2679.99	99.00	26	0.3	Peak	20	17.88925	18.89165	Pass



24. NR_n41_SCS30_20M_H_Outer Full(QPSK)

24.6. NR Occupied Bandwidth(NTNV)

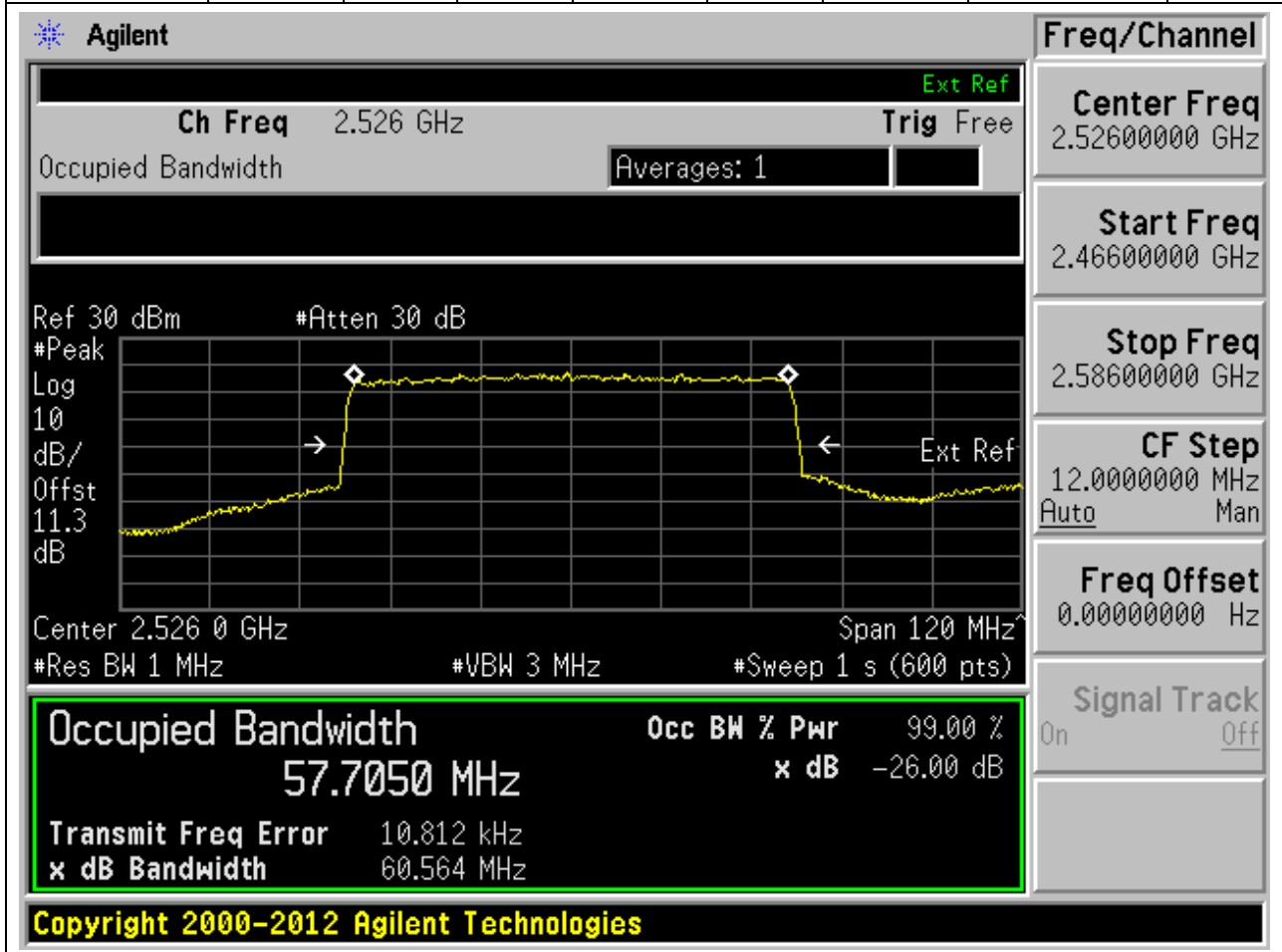
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2679.99	99.00	26	0.3	Peak	20	17.84054	18.88689	Pass



24. NR_n41_SCS30_60M_L_Outer Full(Pi2-BPSK)

24.7. NR Occupied Bandwidth(NTNV)

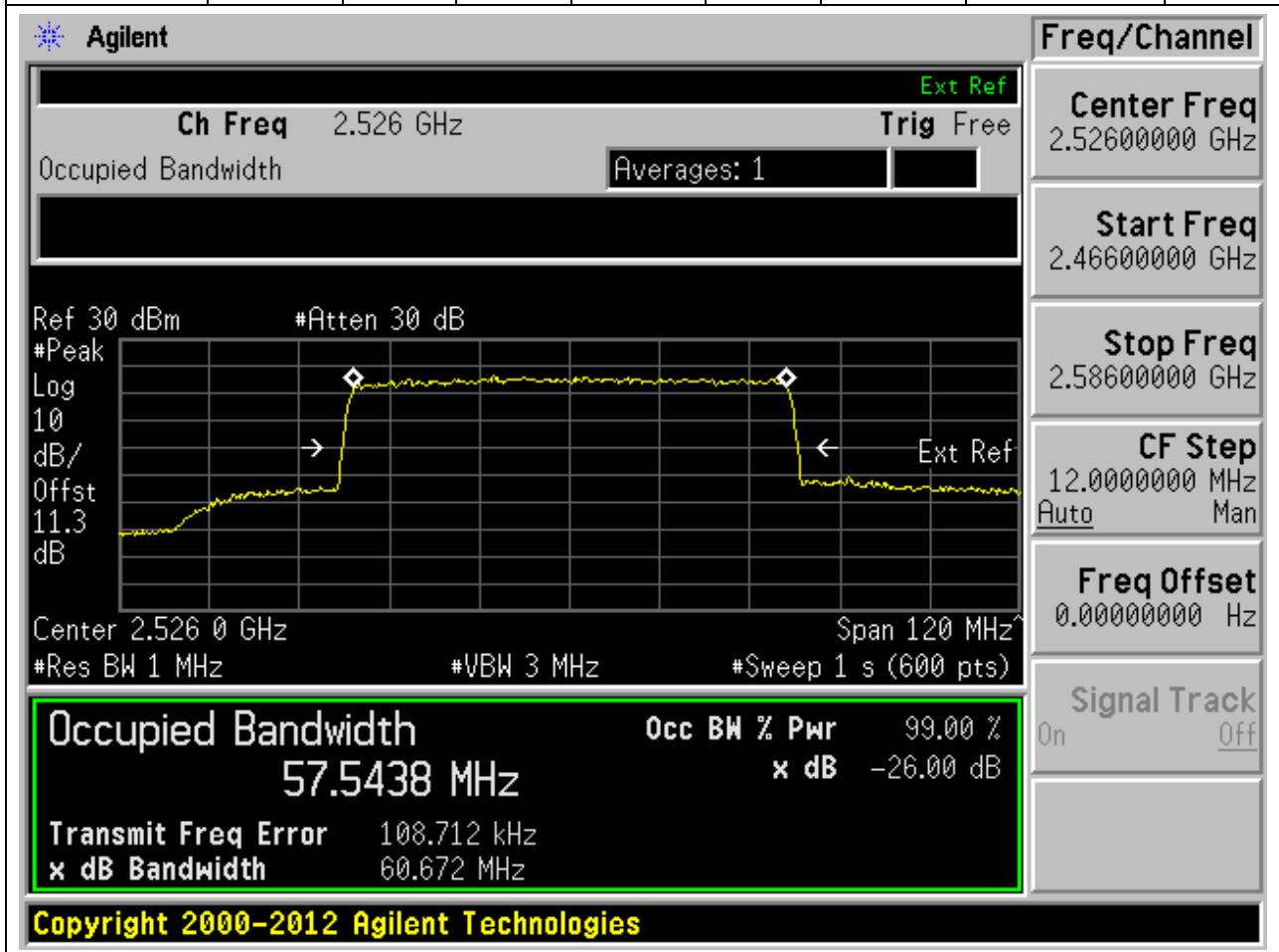
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2526	99.00	26	1	Peak	60	57.70504	60.56378	Fa



24. NR_n41_SCS30_60M_L_Outer Full(QPSK)

24.8. NR Occupied Bandwidth(NTNV)

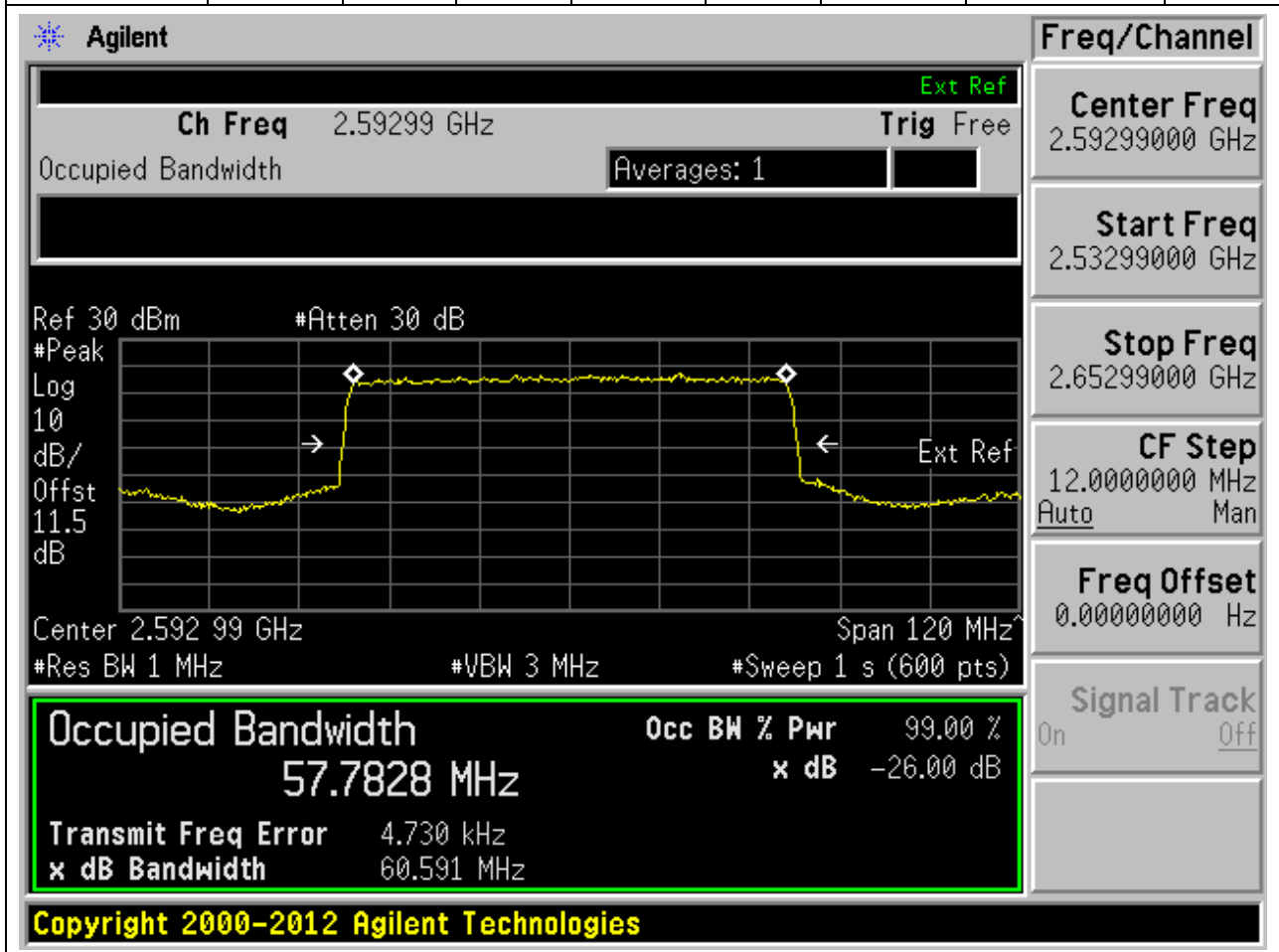
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2526	99.00	26	1	Peak	60	57.54377	60.67152	Pass



24. NR_n41_SCS30_60M_M_Outer Full(Pi2-BPSK)

24.9. NR Occupied Bandwidth(NTNV)

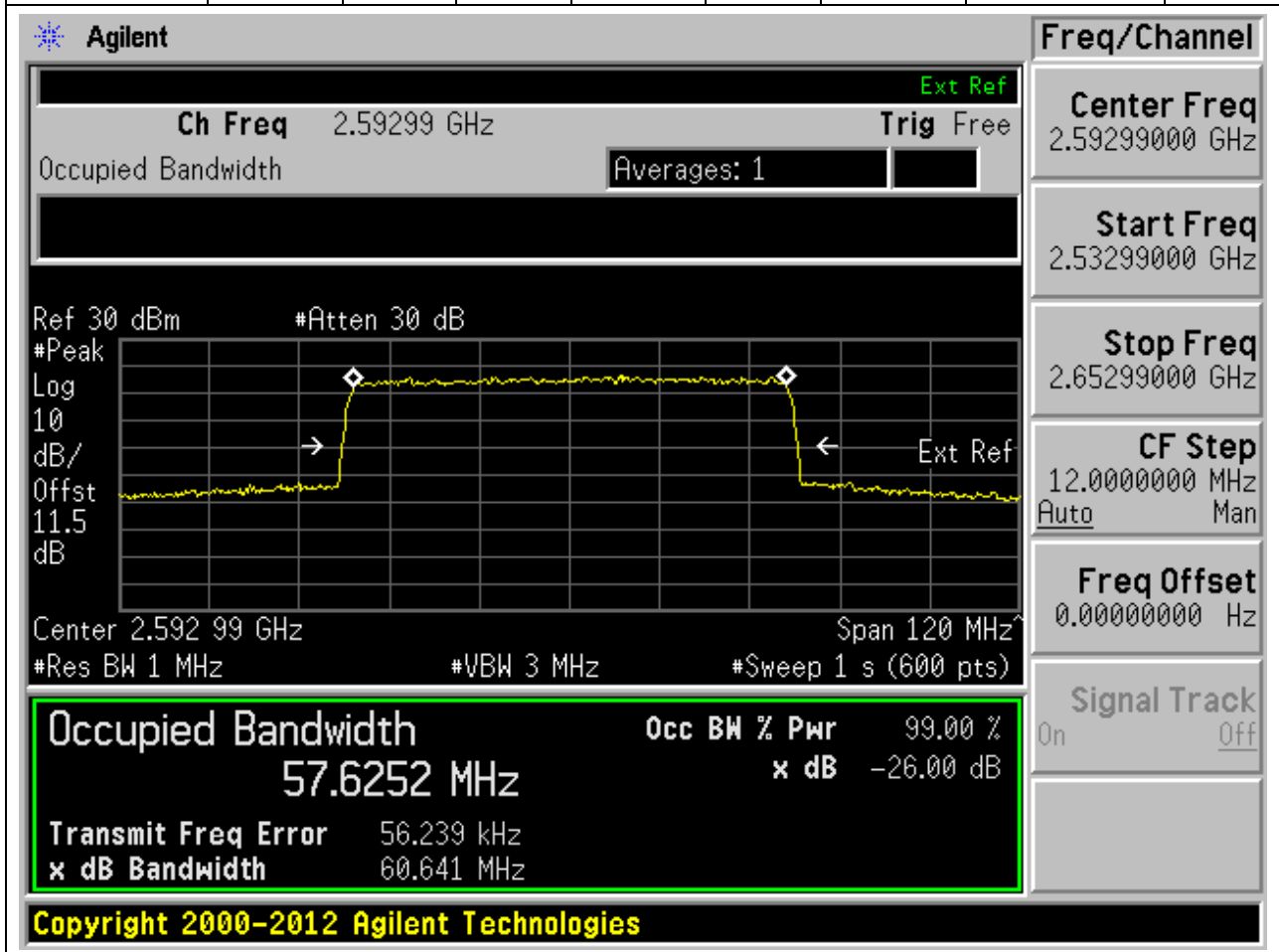
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2592.99	99.00	26	1	Peak	60	57.78281	60.59123	Pass



24. NR_n41_SCS30_60M_M_Outer Full(QPSK)

24.10. NR Occupied Bandwidth(NTNV)

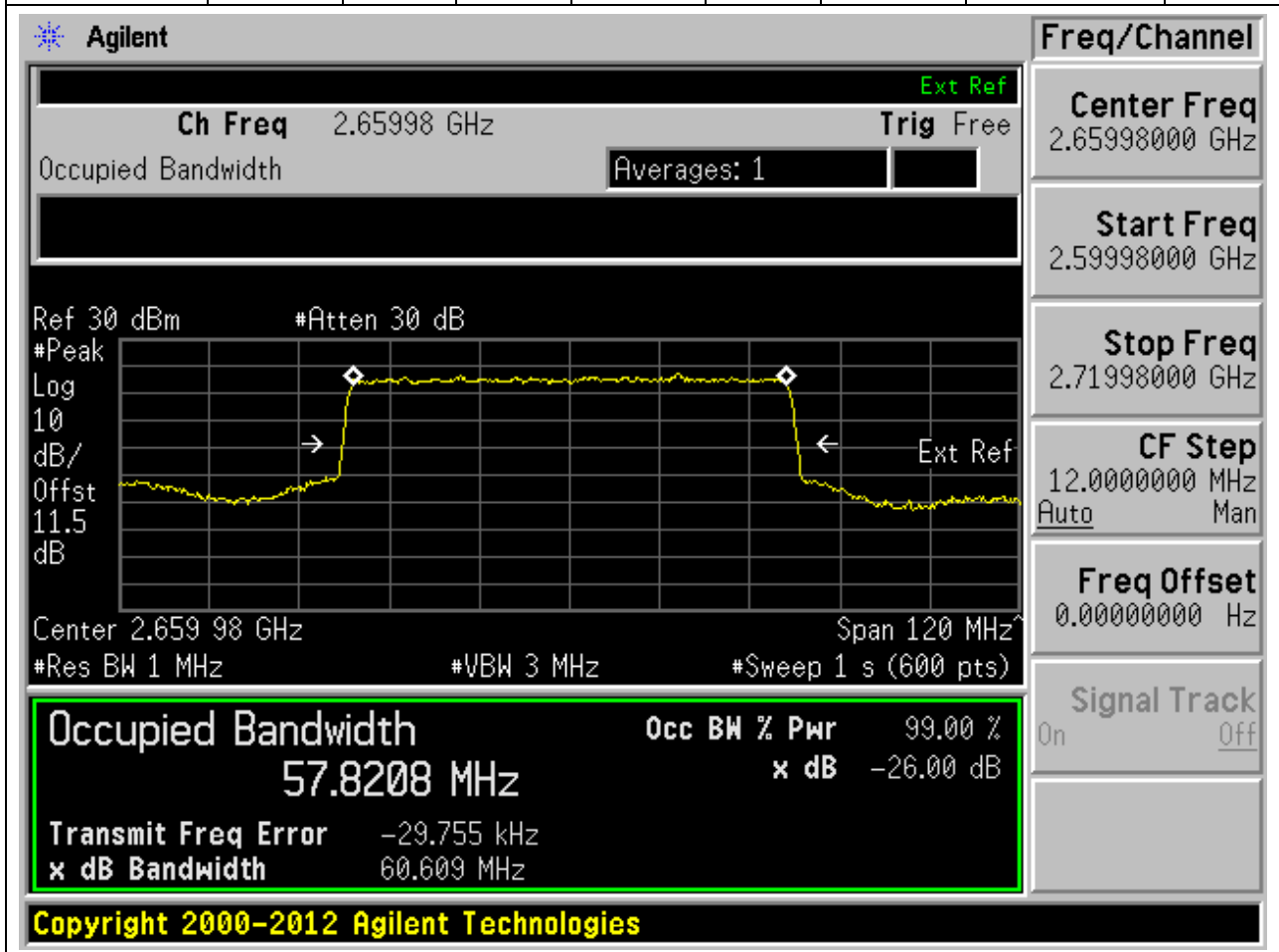
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2592.99	99.00	26	1	Peak	60	57.62518	60.64081	Pass



24. NR_n41_SCS30_60M_H_Outer Full(Pi2-BPSK)

24.11. NR Occupied Bandwidth(NTNV)

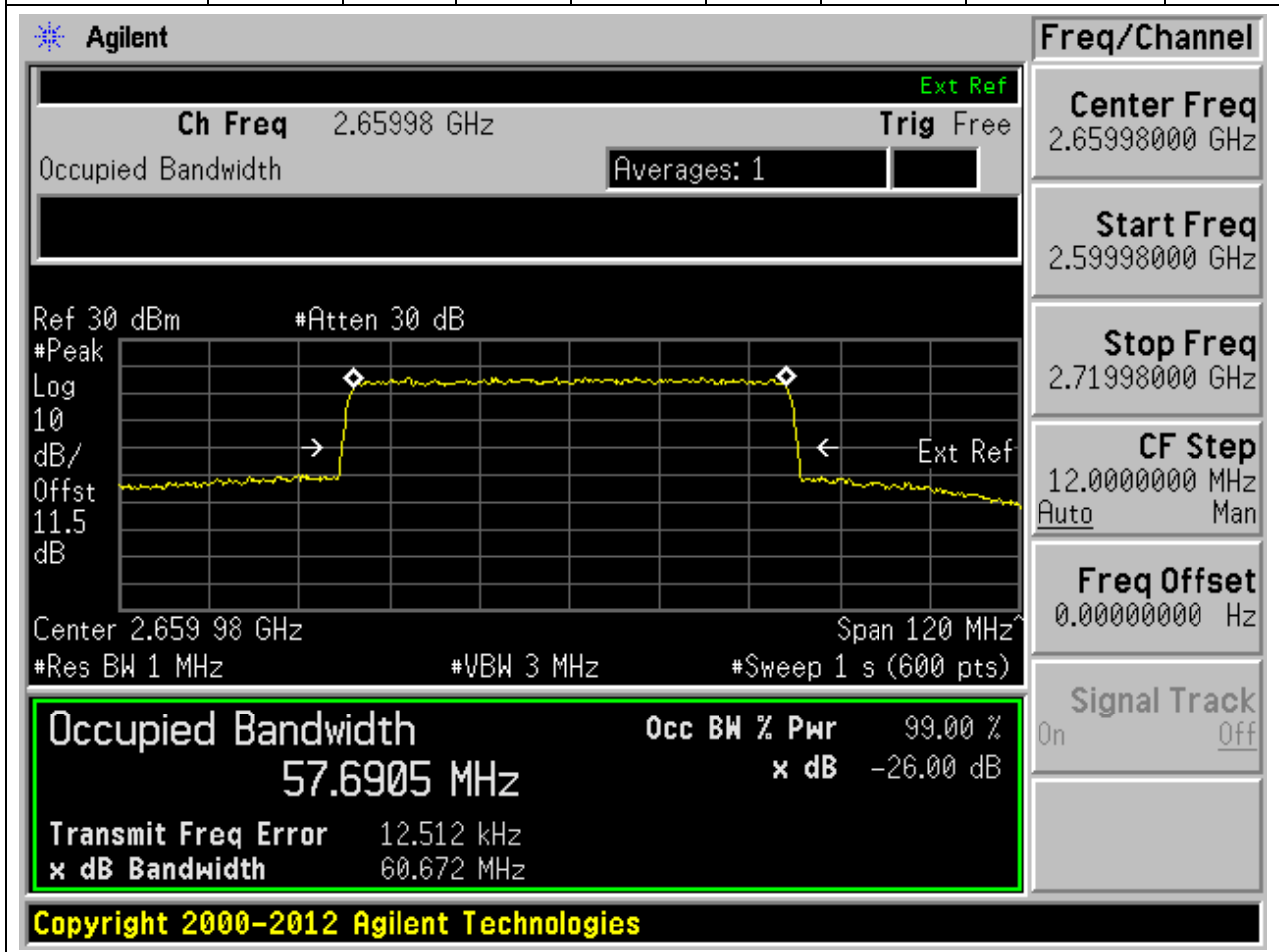
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2659.98	99.00	26	1	Peak	60	57.82081	60.60928	Pass



24. NR_n41_SCS30_60M_H_Outer Full(QPSK)

24.12. NR Occupied Bandwidth(NTNV)

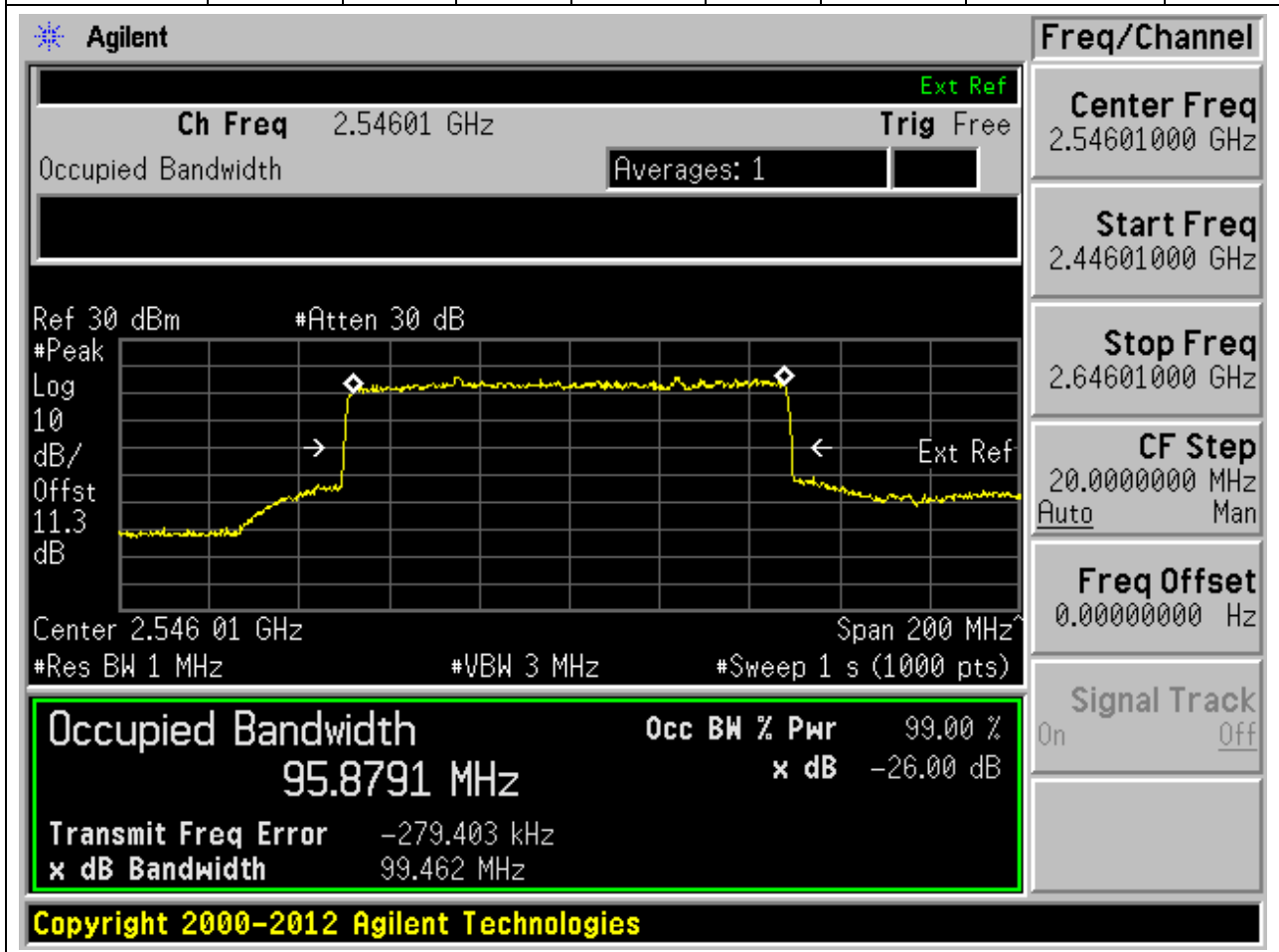
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2659.98	99.00	26	1	Peak	60	57.69051	60.67192	Pass



24. NR_n41_SCS30_100M_L_Outer Full(Pi2-BPSK)

24.13. NR Occupied Bandwidth(NTNV)

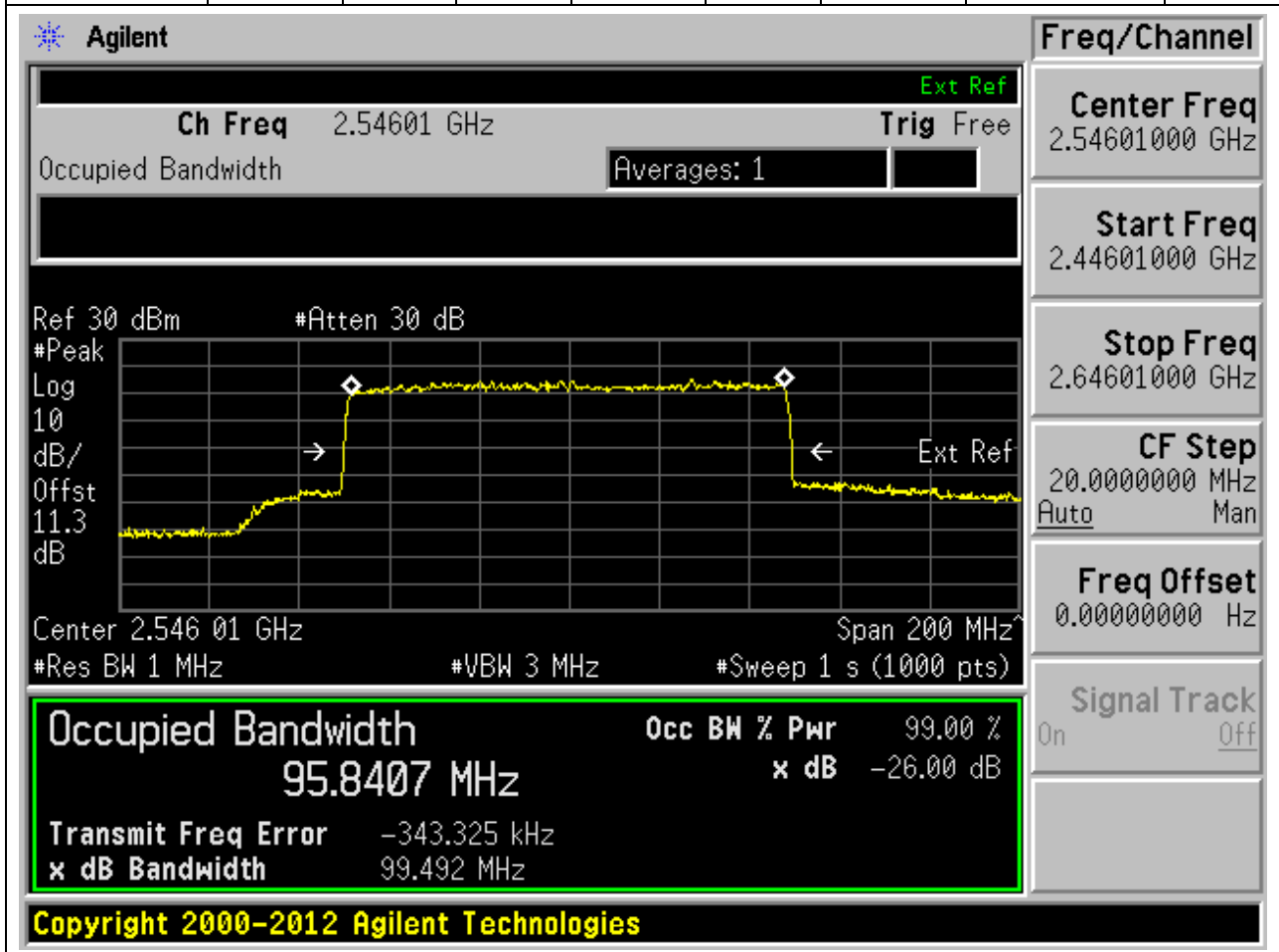
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2546.01	99.00	26	1	Peak	100	95.87908	99.46174	Pass



24. NR_n41_SCS30_100M_L_Outer Full(QPSK)

24.14. NR Occupied Bandwidth(NTNV)

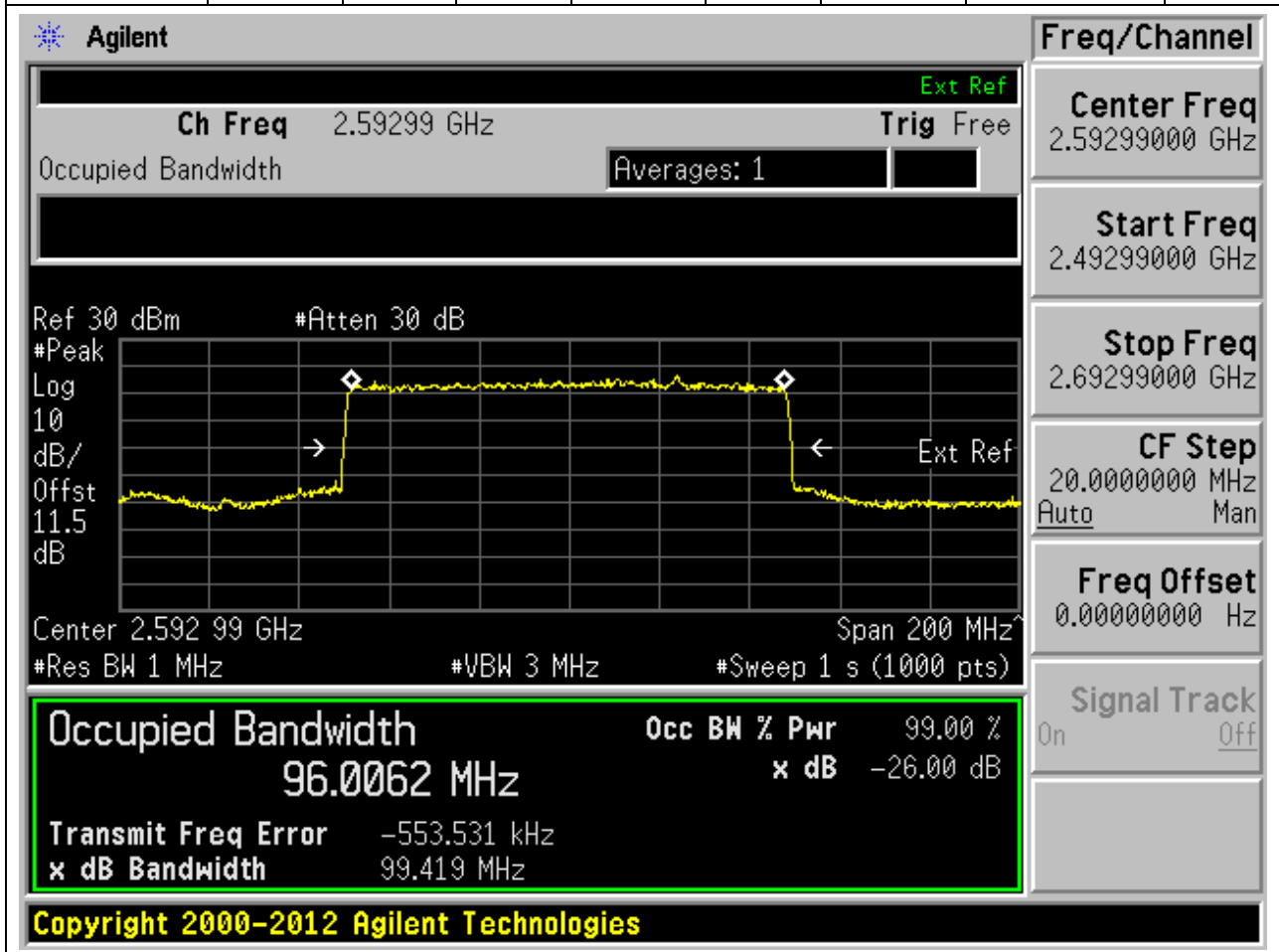
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2546.01	99.00	26	1	Peak	100	95.84073	99.4925	Pass



24. NR_n41_SCS30_100M_M_Outer Full(Pi2-BPSK)

24.15. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2592.99	99.00	26	1	Peak	100	96.00619	99.41936	Pass



24. NR_n41_SCS30_100M_M_Outer Full(QPSK)

24.16. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2592.99	99.00	26	1	Peak	100	95.89446	99.48438	Pass

Agilent
Freq/Channel

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 1 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
95.8945 MHz	x dB	-26.00 dB
Transmit Freq Error -590.333 kHz		
x dB Bandwidth 99.484 MHz		

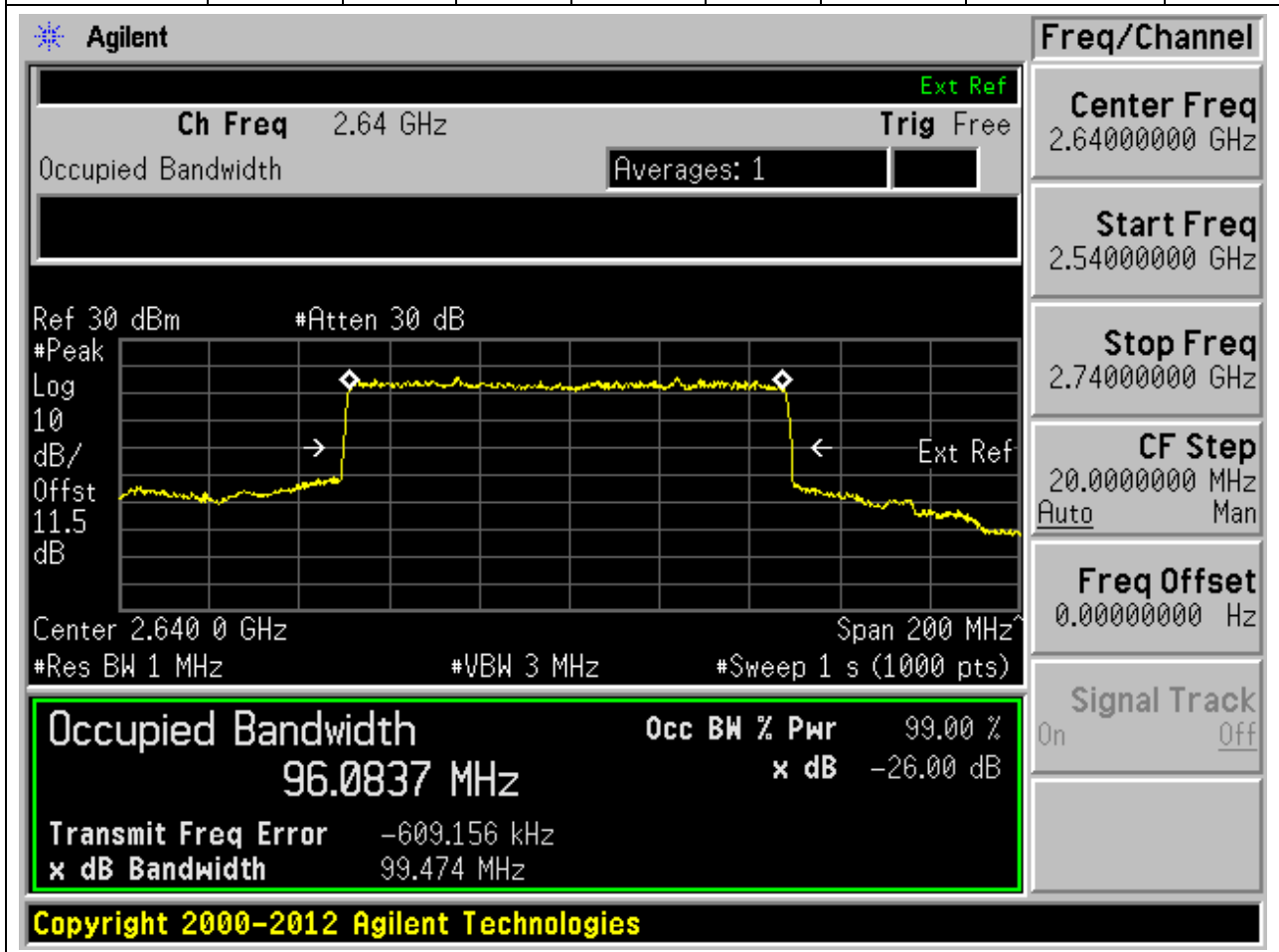
Start Freq	2.49299000 GHz
Stop Freq	2.69299000 GHz
CF Step	20.0000000 MHz
Freq Offset	0.00000000 Hz
Signal Track	On Off

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24. NR_n41_SCS30_100M_H_Outer Full(Pi2-BPSK)

24.17. NR Occupied Bandwidth(NTNV)

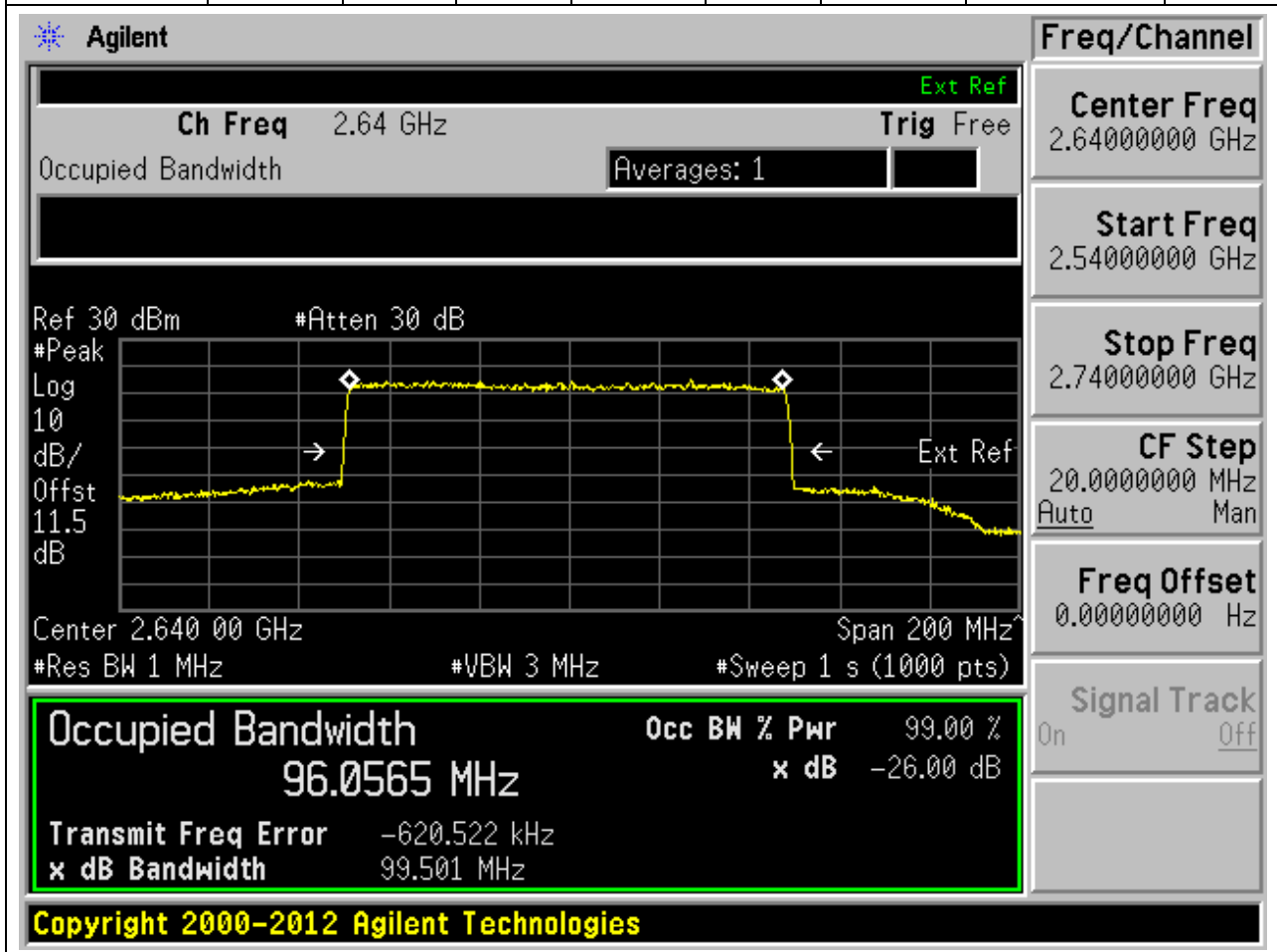
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2640	99.00	26	1	Peak	100	96.08367	99.47433	Pass



24. NR_n41_SCS30_100M_H_Outer Full(QPSK)

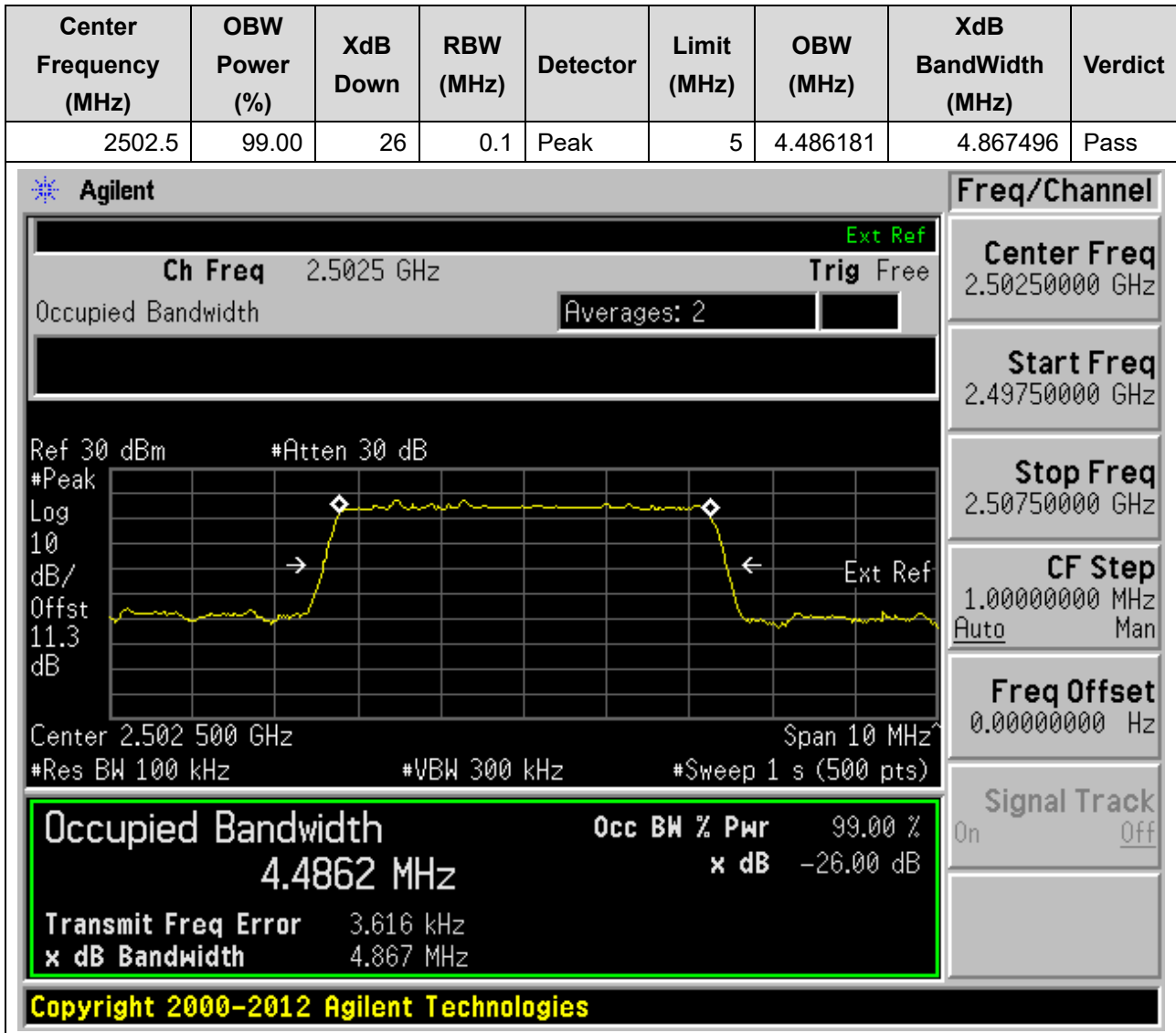
24.18. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2640	99.00	26	1	Peak	100	96.05646	99.50118	Pass



25. DC_5A_n7A_SCS15_5M_L_Outer Full(PI2 BPSK DFT-s-OFDM)

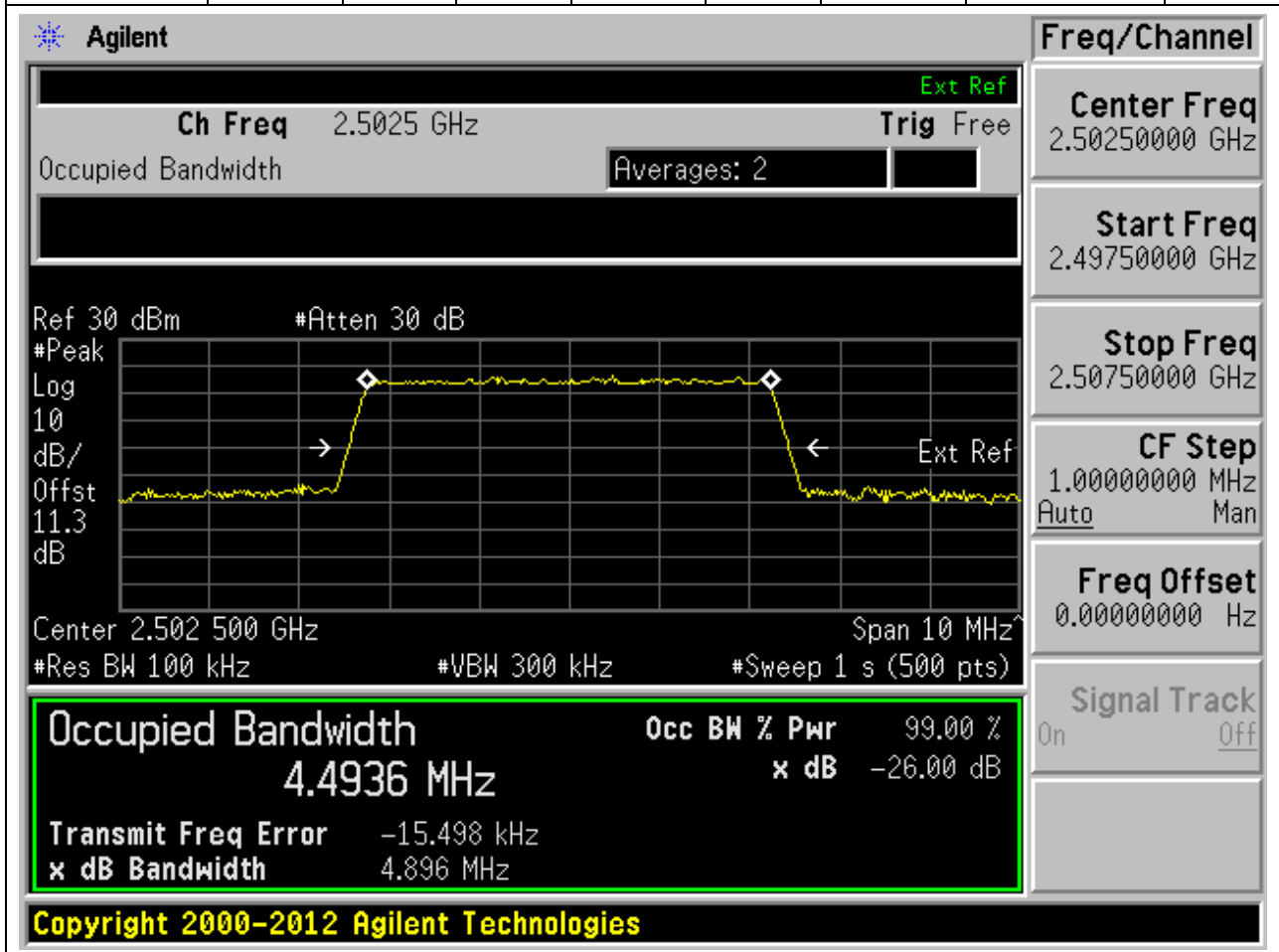
25.1. NR Occupied Bandwidth(NTNV)



25. DC_5A_n7A_SCS15_5M_L_Outer Full(QPSK DFT-s-OFDM)

25.2. NR Occupied Bandwidth(NTNV)

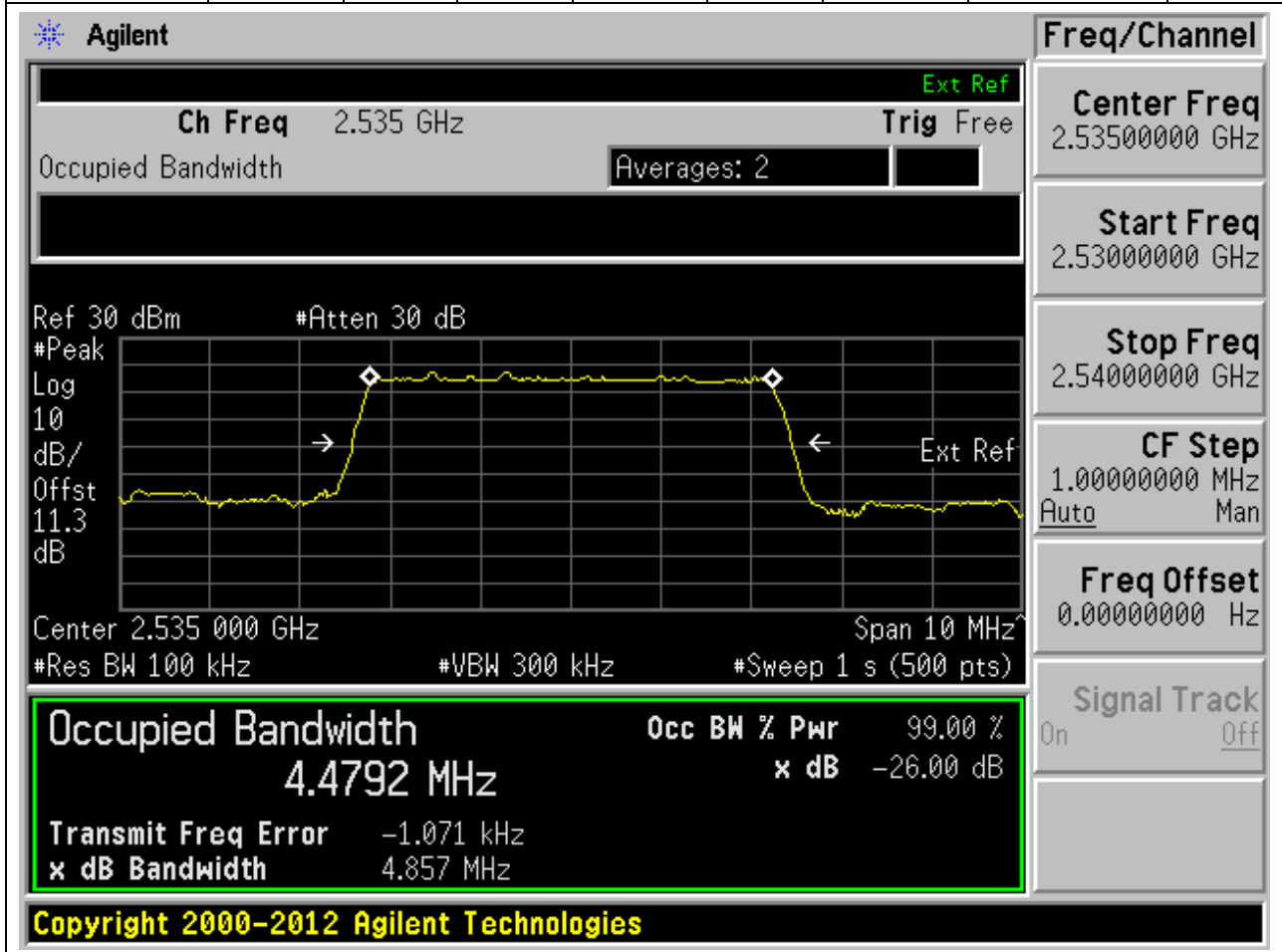
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2502.5	99.00	26	0.1	Peak	5	4.493554	4.89573	Pass



25. DC_5A_n7A_SCS15_5M_M_Outer Full(PI2 BPSK DFT-s-OFDM)

25.3. NR Occupied Bandwidth(NTNV)

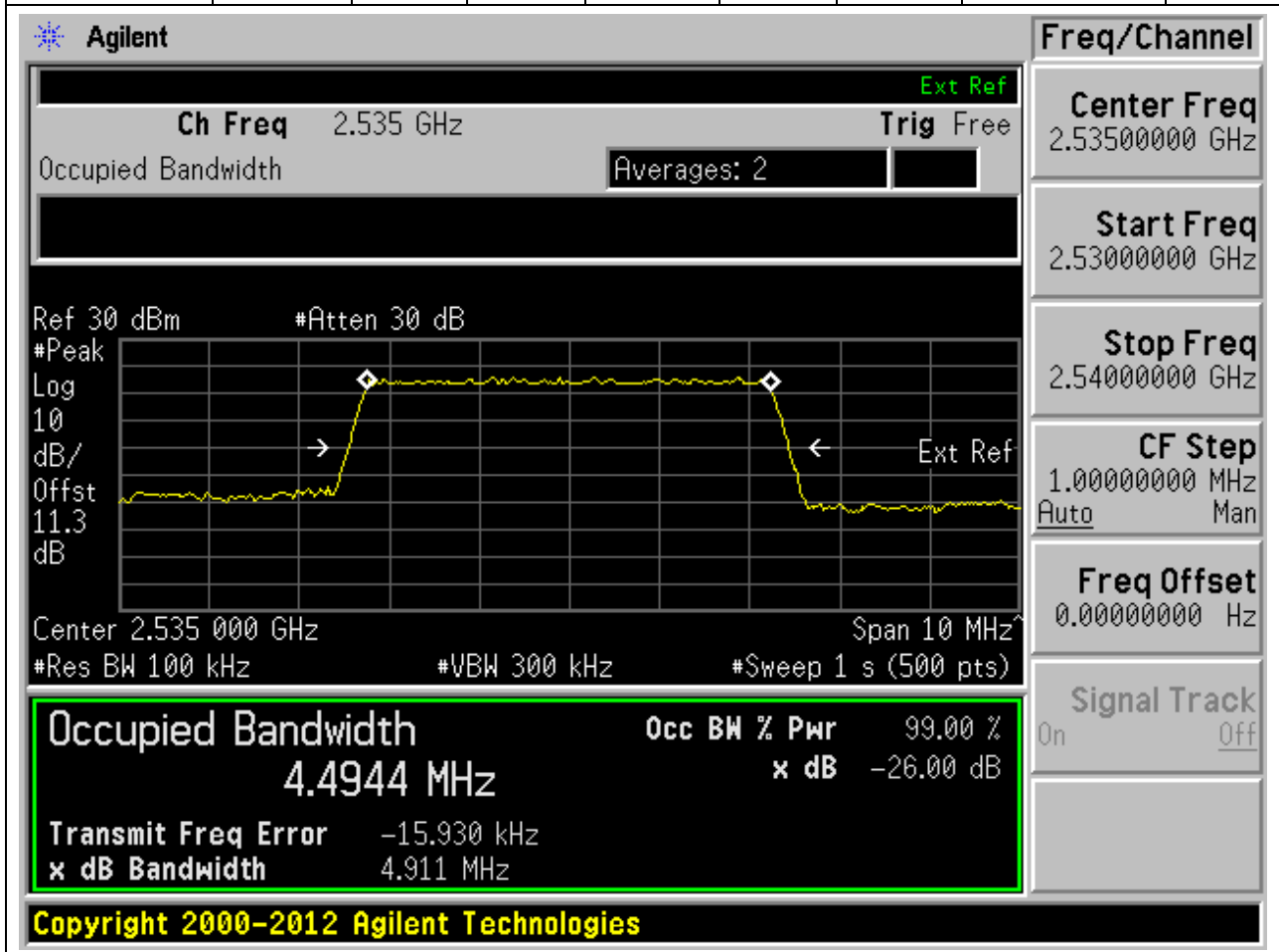
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	0.1	Peak	5	4.479219	4.856746	Pass



25. DC_5A_n7A_SCS15_5M_M_Outer Full(QPSK DFT-s-OFDM)

25.4. NR Occupied Bandwidth(NTNV)

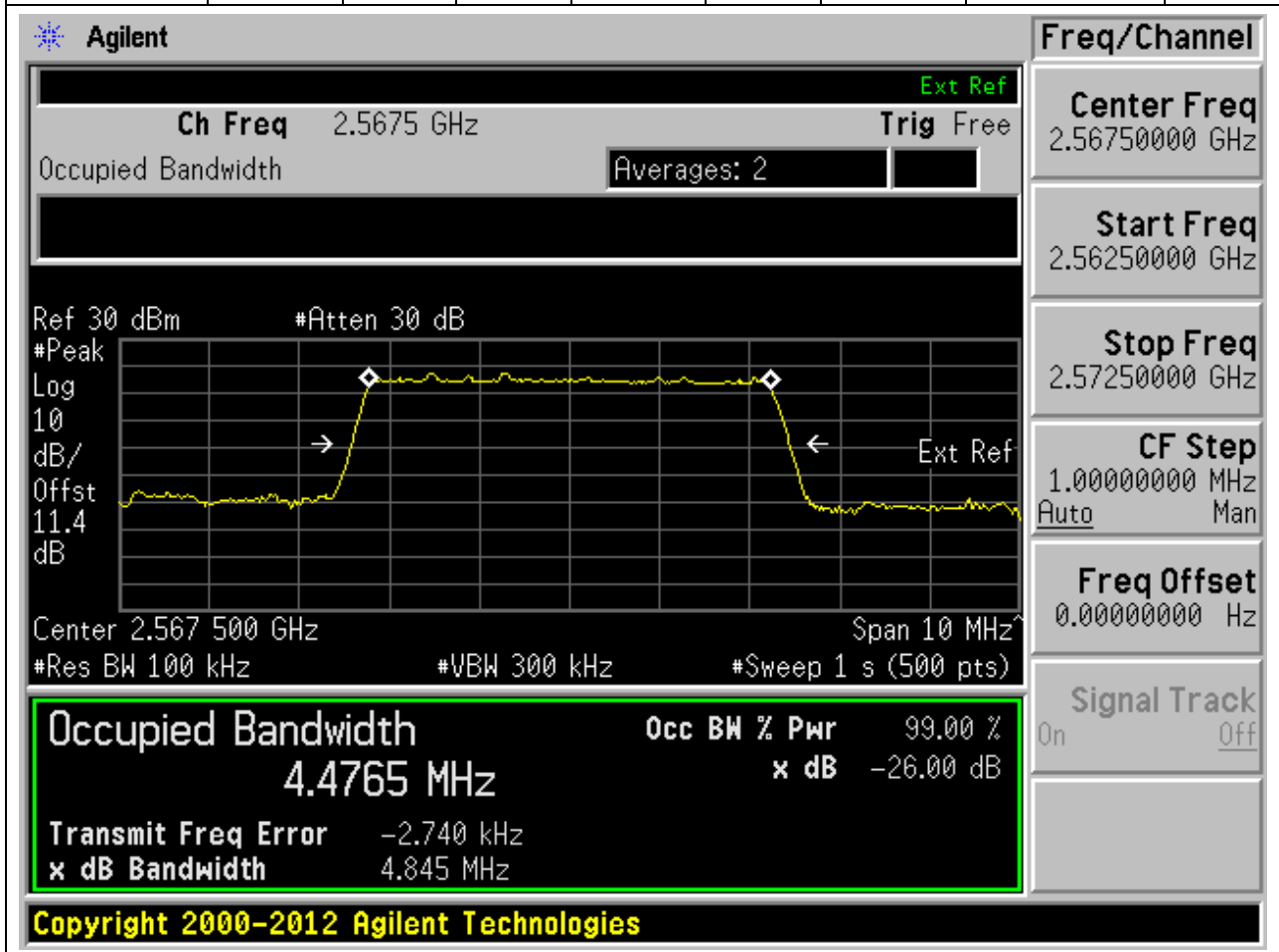
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	0.1	Peak	5	4.4944	4.911289	Pass



25. DC_5A_n7A_SCS15_5M_H_Outer Full(PI2 BPSK DFT-s-OFDM)

25.5. NR Occupied Bandwidth(NTNV)

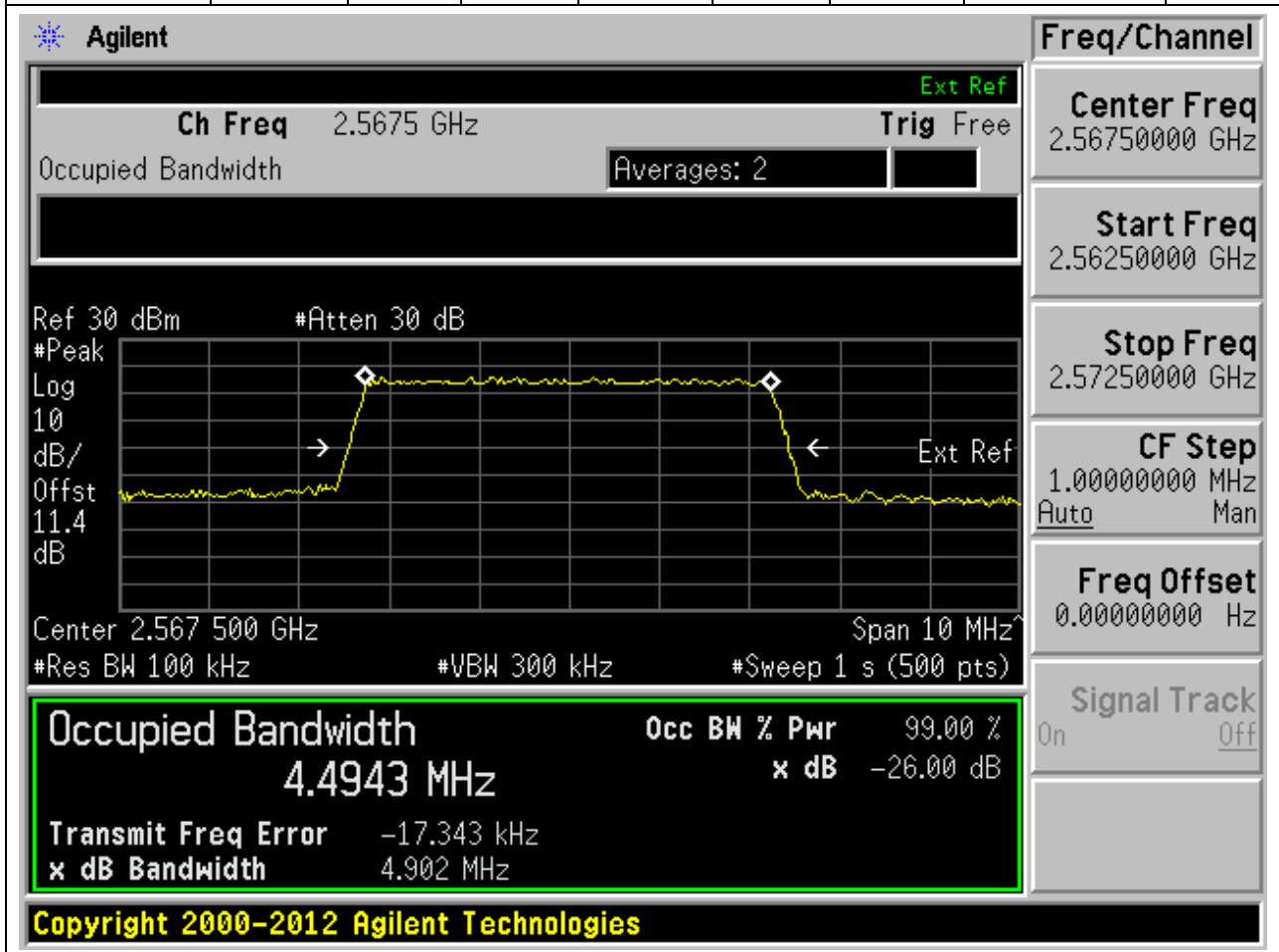
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2567.5	99.00	26	0.1	Peak	5	4.476539	4.845179	Pass



25. DC_5A_n7A_SCS15_5M_H_Outer Full(QPSK DFT-s-OFDM)

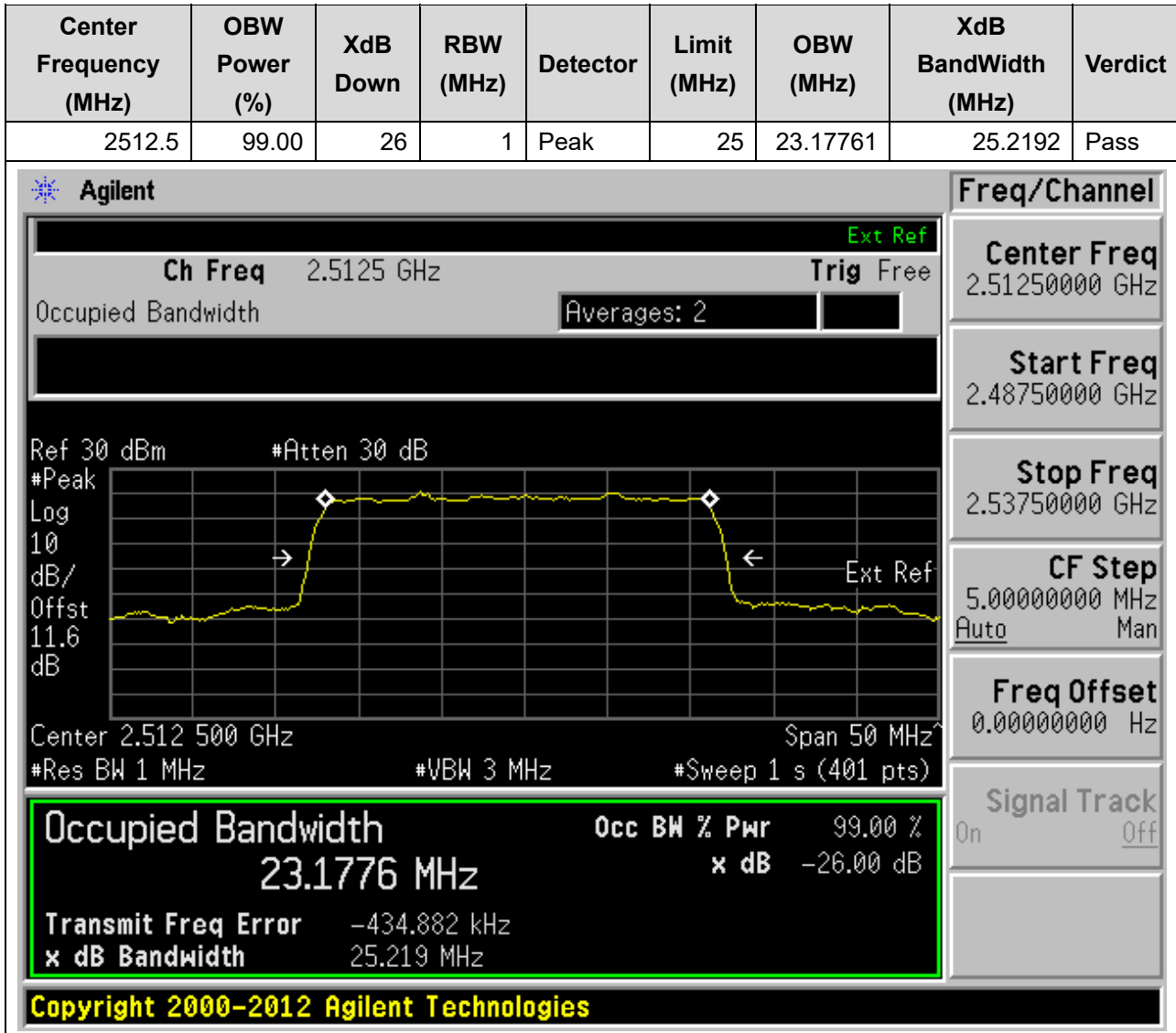
25.6. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2567.5	99.00	26	0.1	Peak	5	4.49433	4.901834	Pass



25. DC_5A_n7A_SCS15_25M_L_Outer Full(PI2 BPSK DFT-s-OFDM)

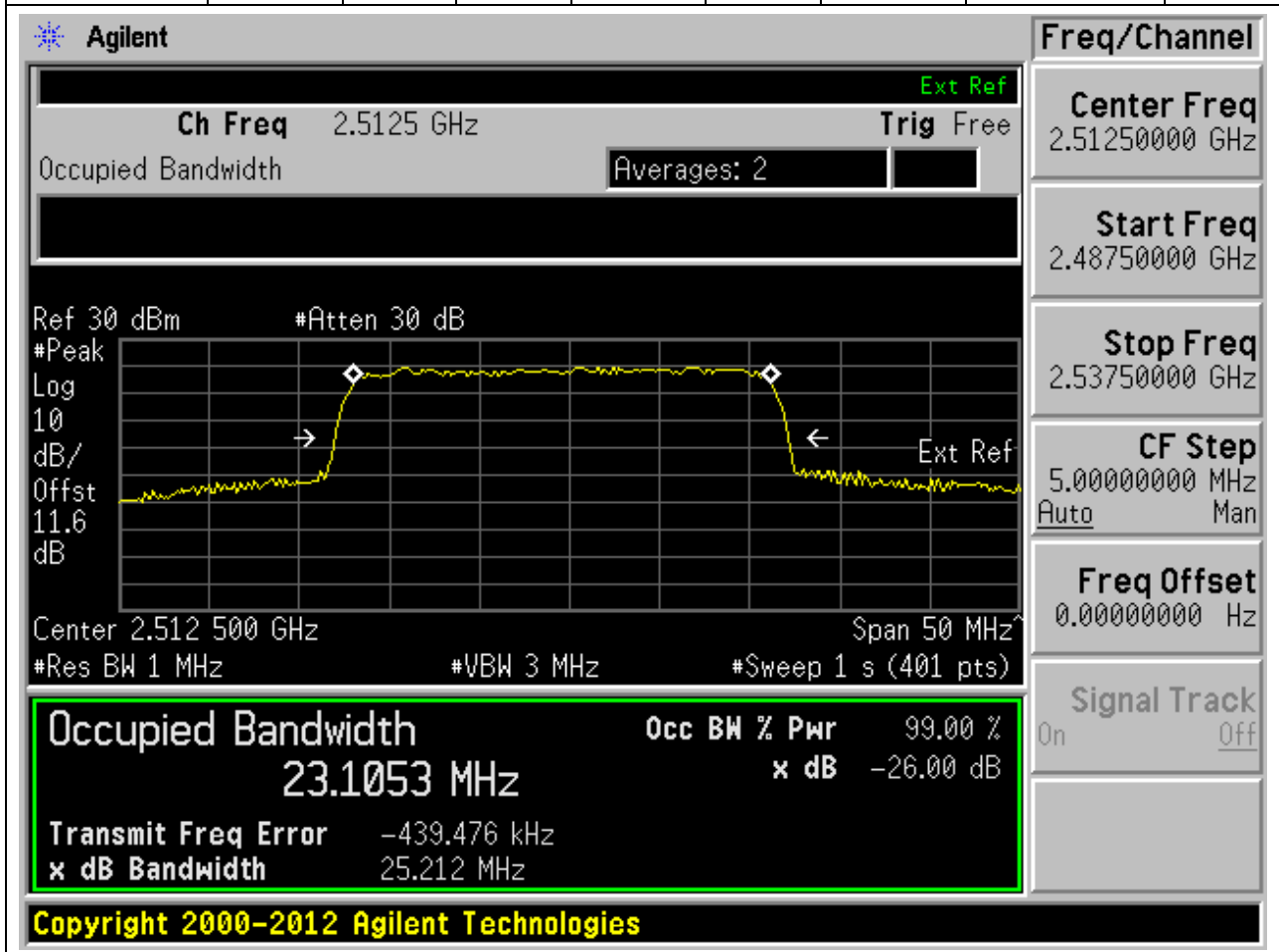
25.7. NR Occupied Bandwidth(NTNV)



25. DC_5A_n7A_SCS15_25M_L_Outer Full(QPSK DFT-s-OFDM)

25.8. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2512.5	99.00	26	1	Peak	25	23.10531	25.21179	Pass



25. DC_5A_n7A_SCS15_25M_M_Outer Full(PI2 BPSK DFT-s-OFDM)

25.9. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	25	23.18341	25.20445	Pass

Agilent
Freq/Channel

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 000 GHz Span 50 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 1 s (401 pts)

Center Freq
2.53500000 GHz

Start Freq
2.51000000 GHz

Stop Freq
2.56000000 GHz

CF Step
5.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
23.1834 MHz

Transmit Freq Error
x dB Bandwidth -473.738 kHz
25.204 MHz

Occ BW % Pwr 99.00 %

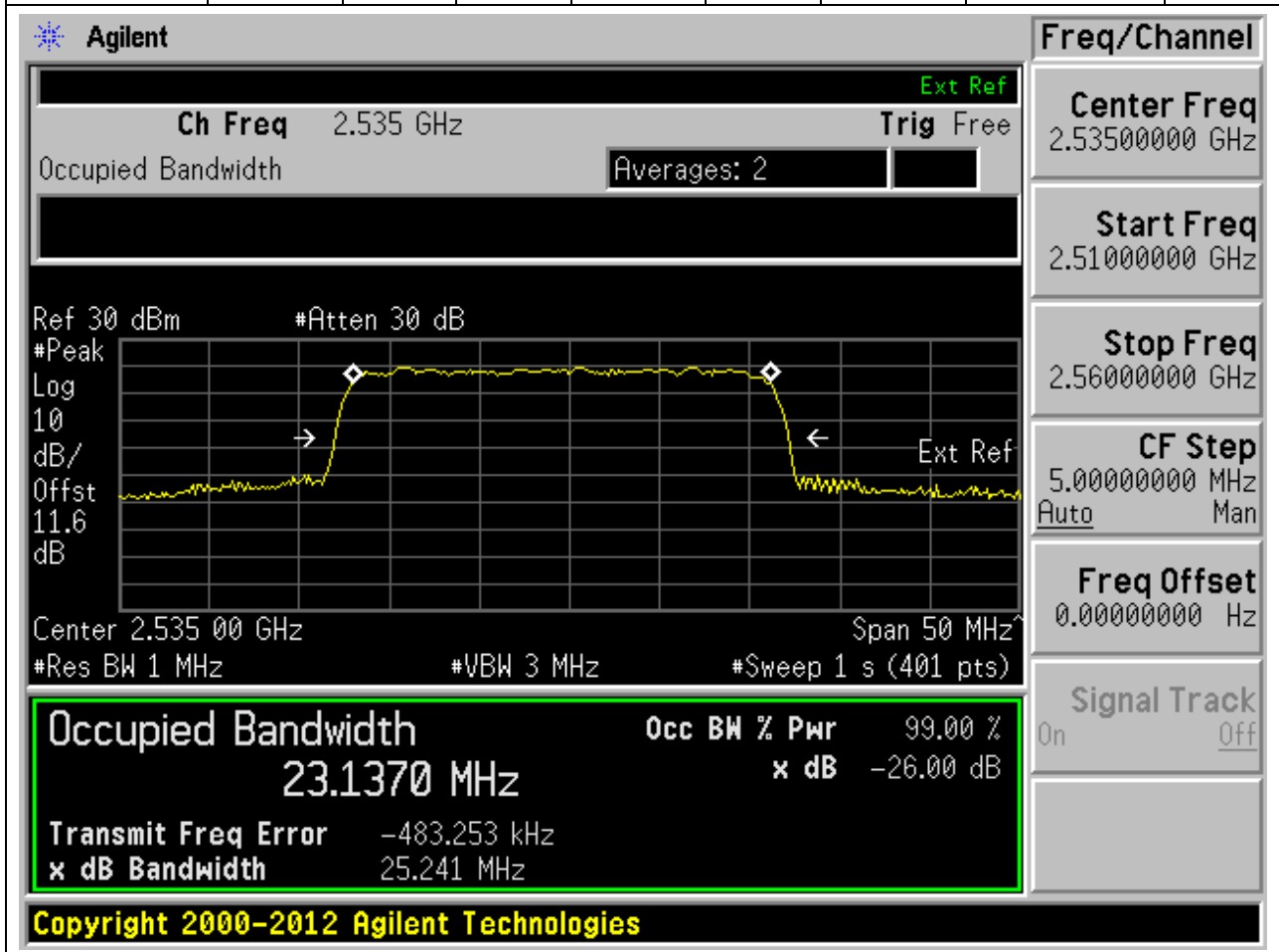
x dB -26.00 dB

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25. DC_5A_n7A_SCS15_25M_M_Outer Full(QPSK DFT-s-OFDM)

25.10. NR Occupied Bandwidth(NTNV)

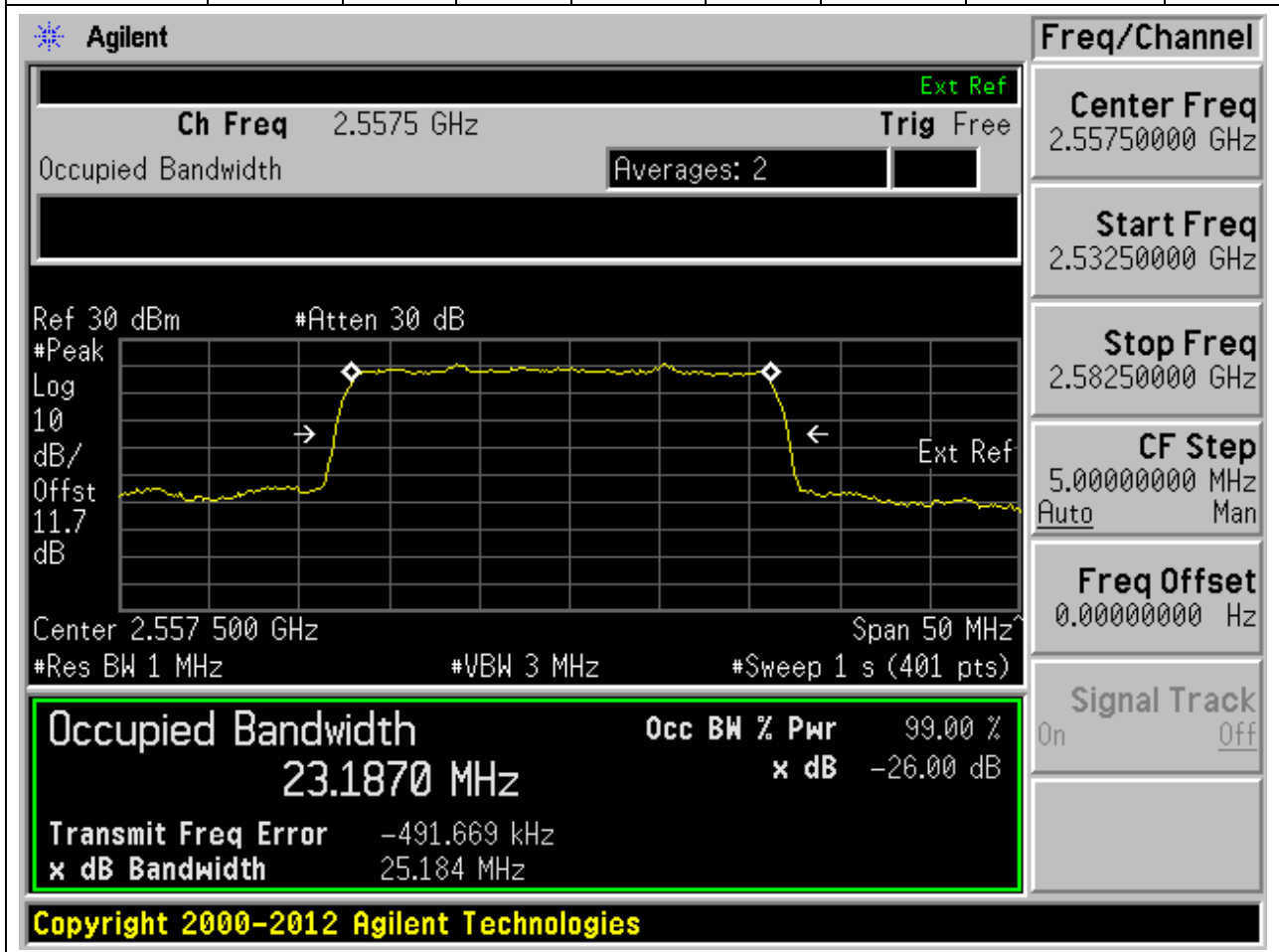
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	25	23.13697	25.24096	Pass



25. DC_5A_n7A_SCS15_25M_H_Outer Full(PI2 BPSK DFT-s-OFDM)

25.11. NR Occupied Bandwidth(NTNV)

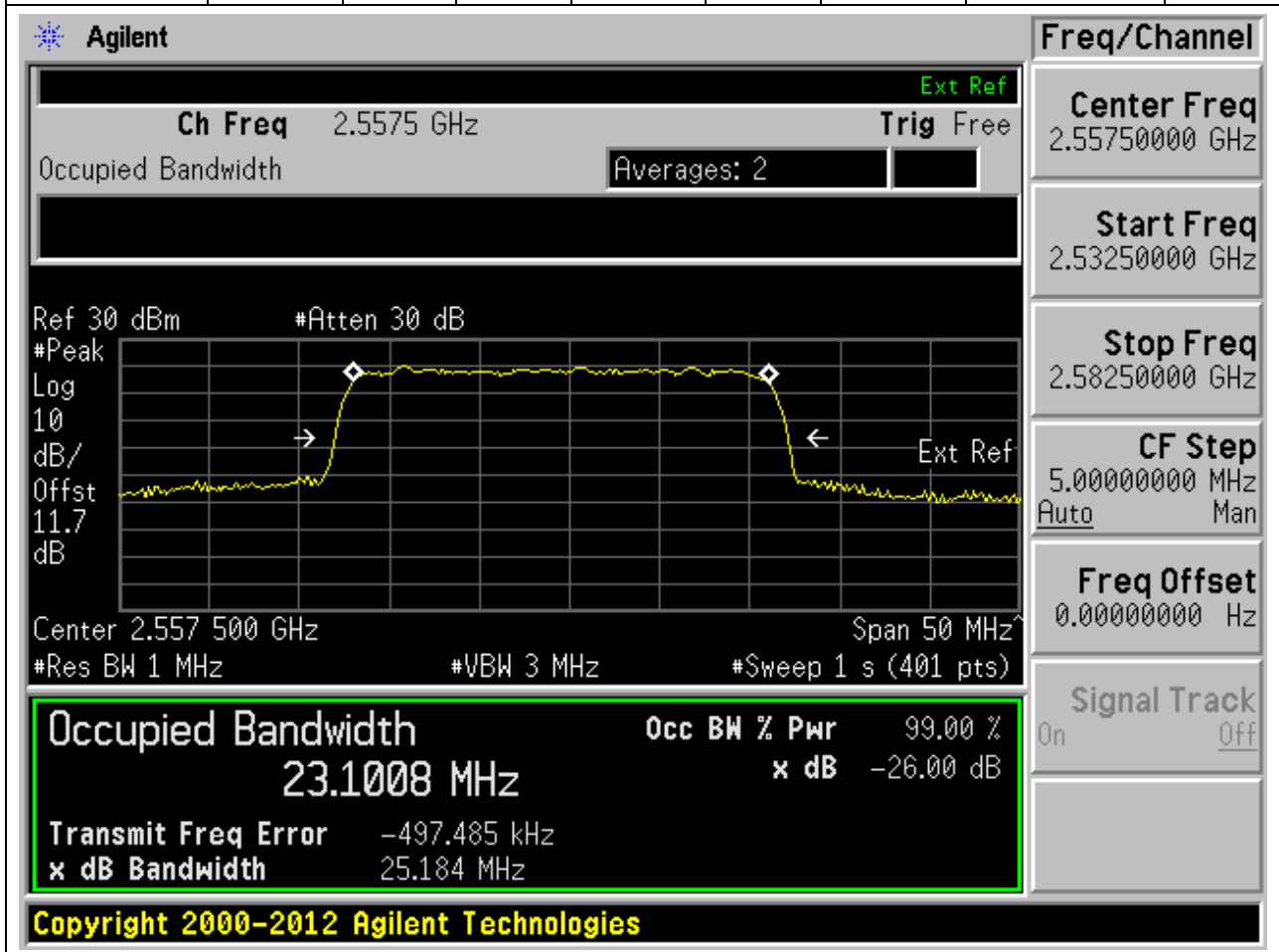
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2557.5	99.00	26	1	Peak	25	23.18696	25.18355	Pass



25. DC_5A_n7A_SCS15_25M_H_Outer Full(QPSK DFT-s-OFDM)

25.12. NR Occupied Bandwidth(NTNV)

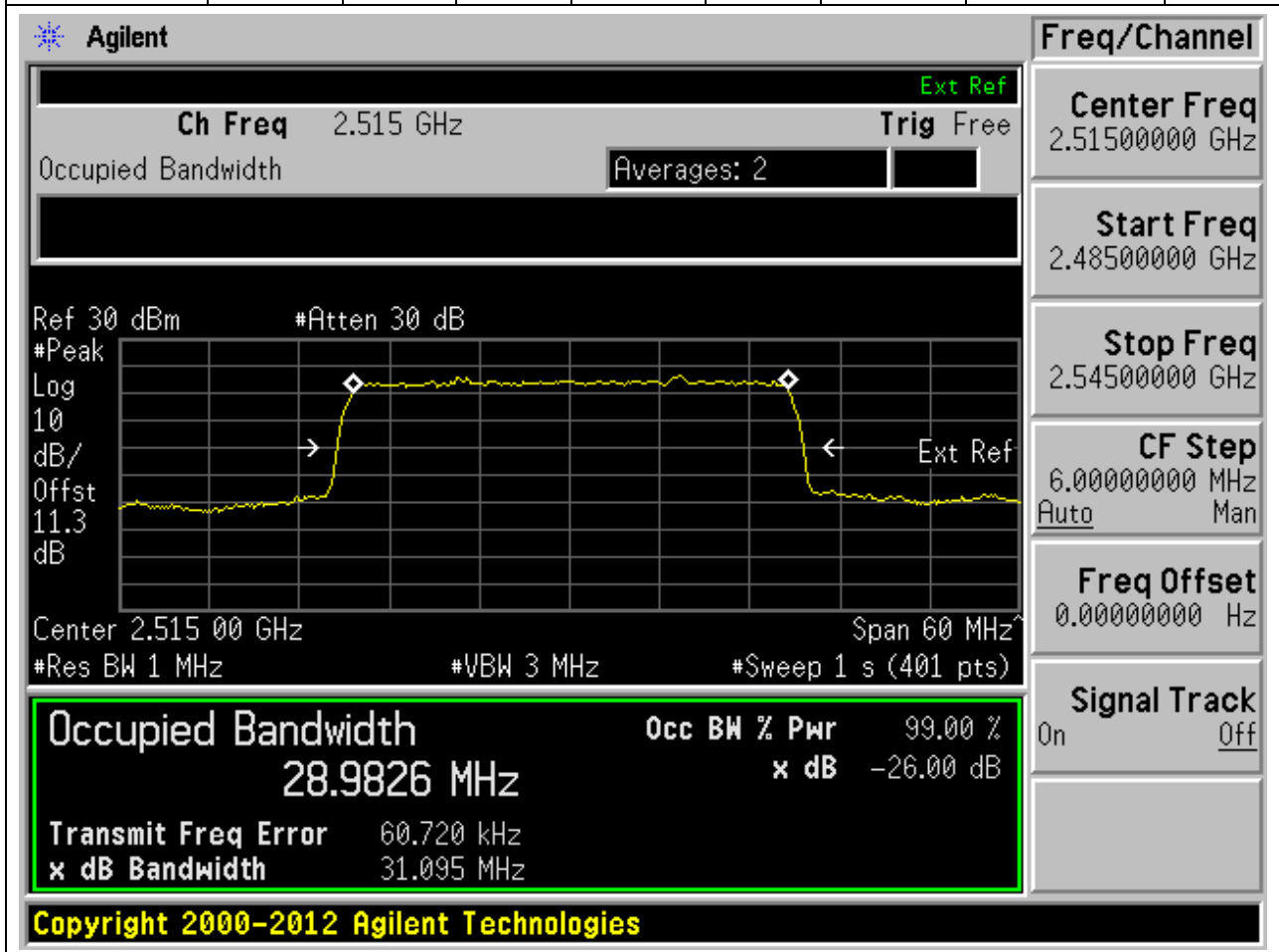
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2557.5	99.00	26	1	Peak	25	23.10079	25.18414	Pass



25. DC_5A_n7A_SCS15_30M_L_Outer Full(PI2 BPSK DFT-s-OFDM)

25.13. NR Occupied Bandwidth(NTNV)

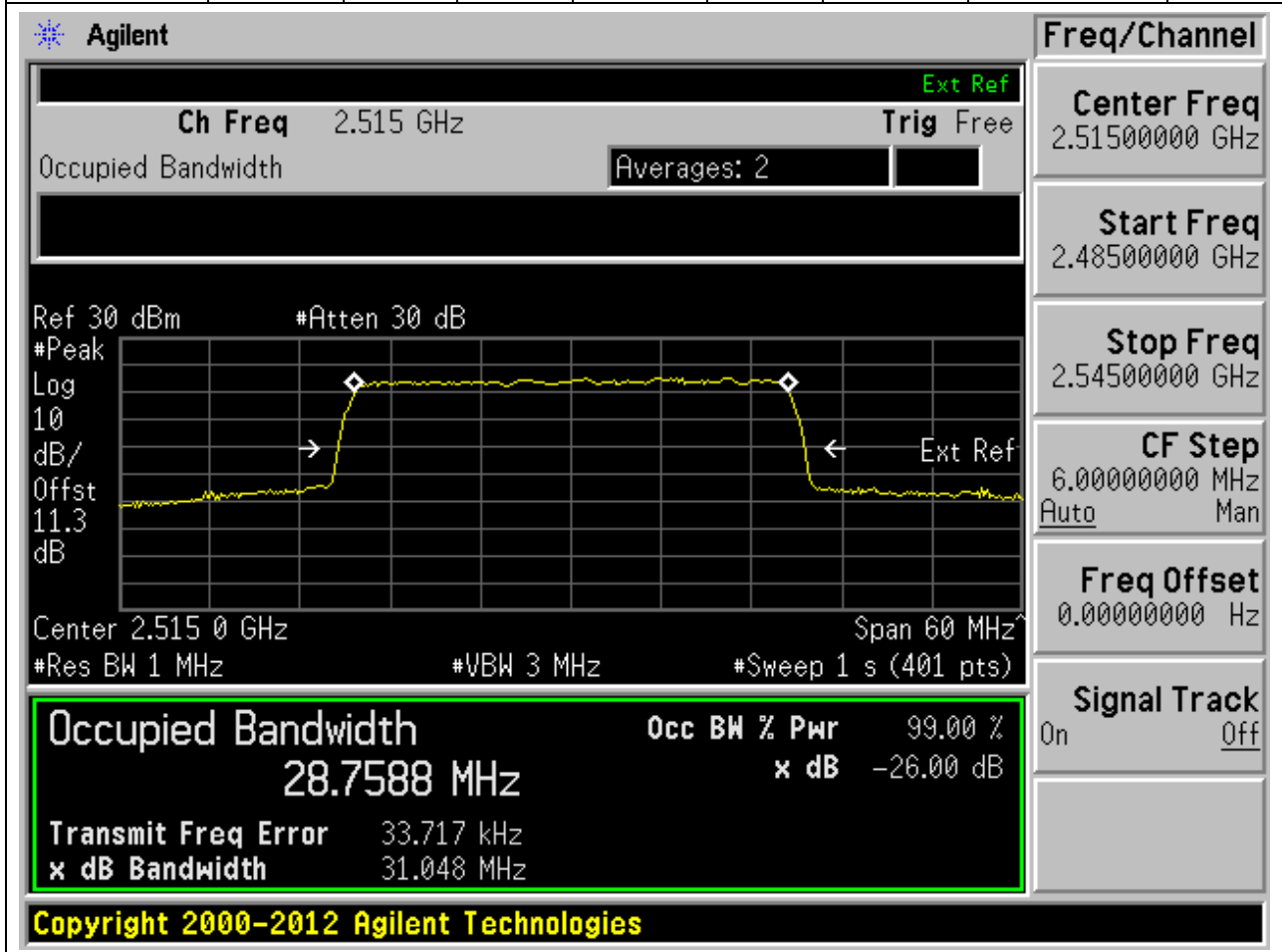
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2515	99.00	26	1	Peak	30	28.98256	31.09488	Pass



25. DC_5A_n7A_SCS15_30M_L_Outer Full(QPSK DFT-s-OFDM)

25.14. NR Occupied Bandwidth(NTNV)

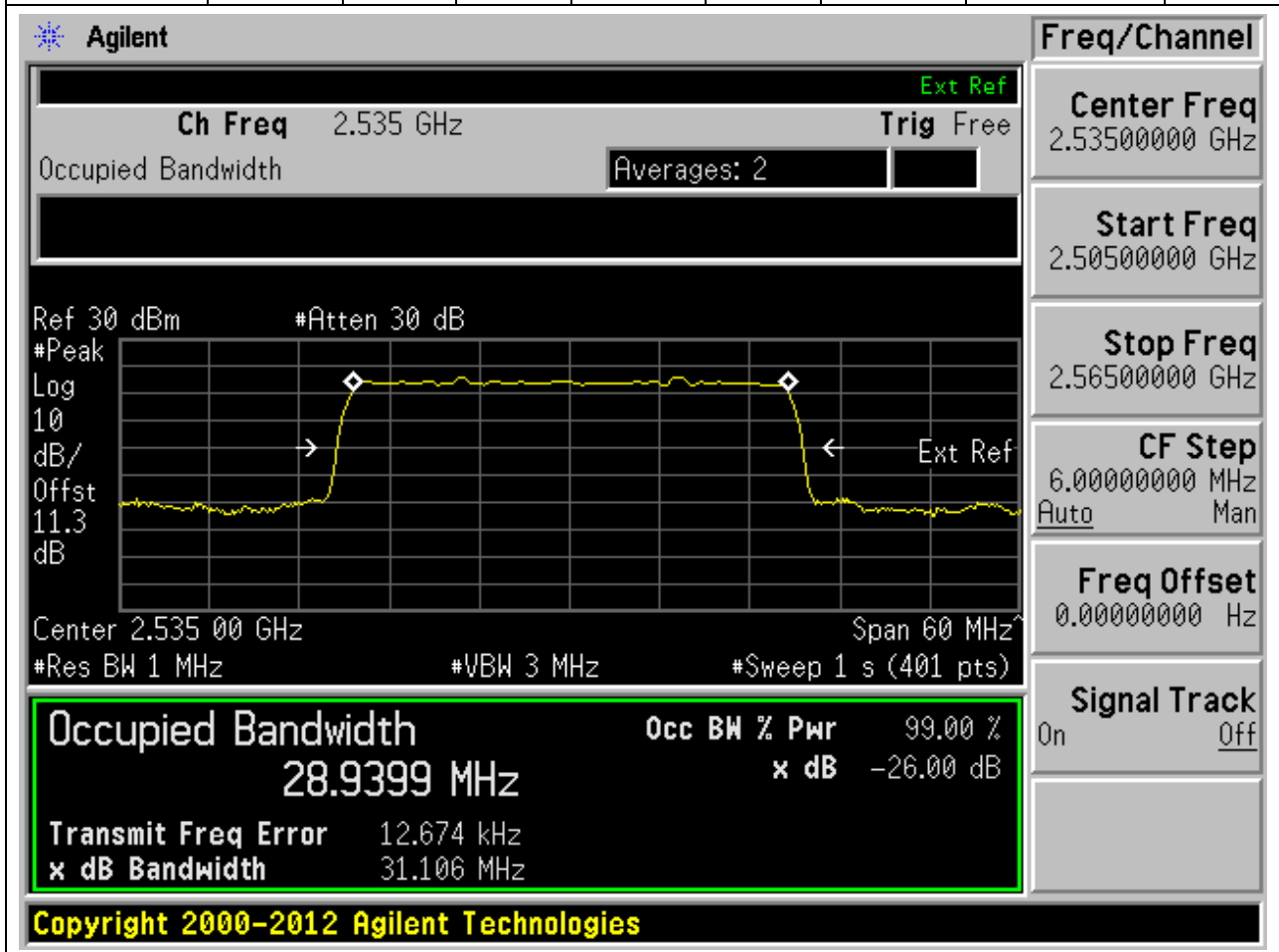
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2515	99.00	26	1	Peak	30	28.75879	31.0479	Pass



25. DC_5A_n7A_SCS15_30M_M_Outer Full(PI2 BPSK DFT-s-OFDM)

25.15. NR Occupied Bandwidth(NTNV)

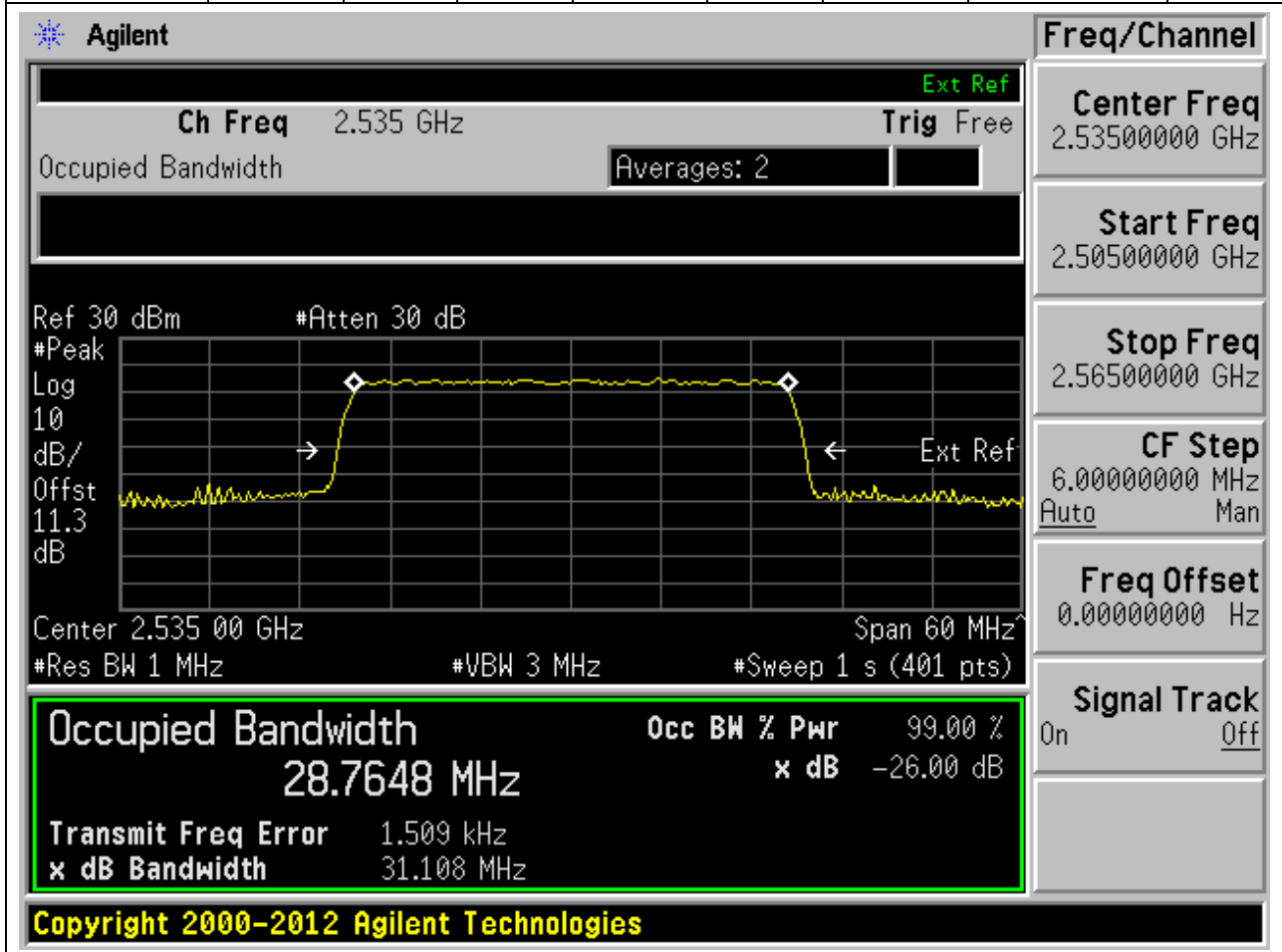
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	30	28.93987	31.10616	Pass



25. DC_5A_n7A_SCS15_30M_M_Outer Full(QPSK DFT-s-OFDM)

25.16. NR Occupied Bandwidth(NTNV)

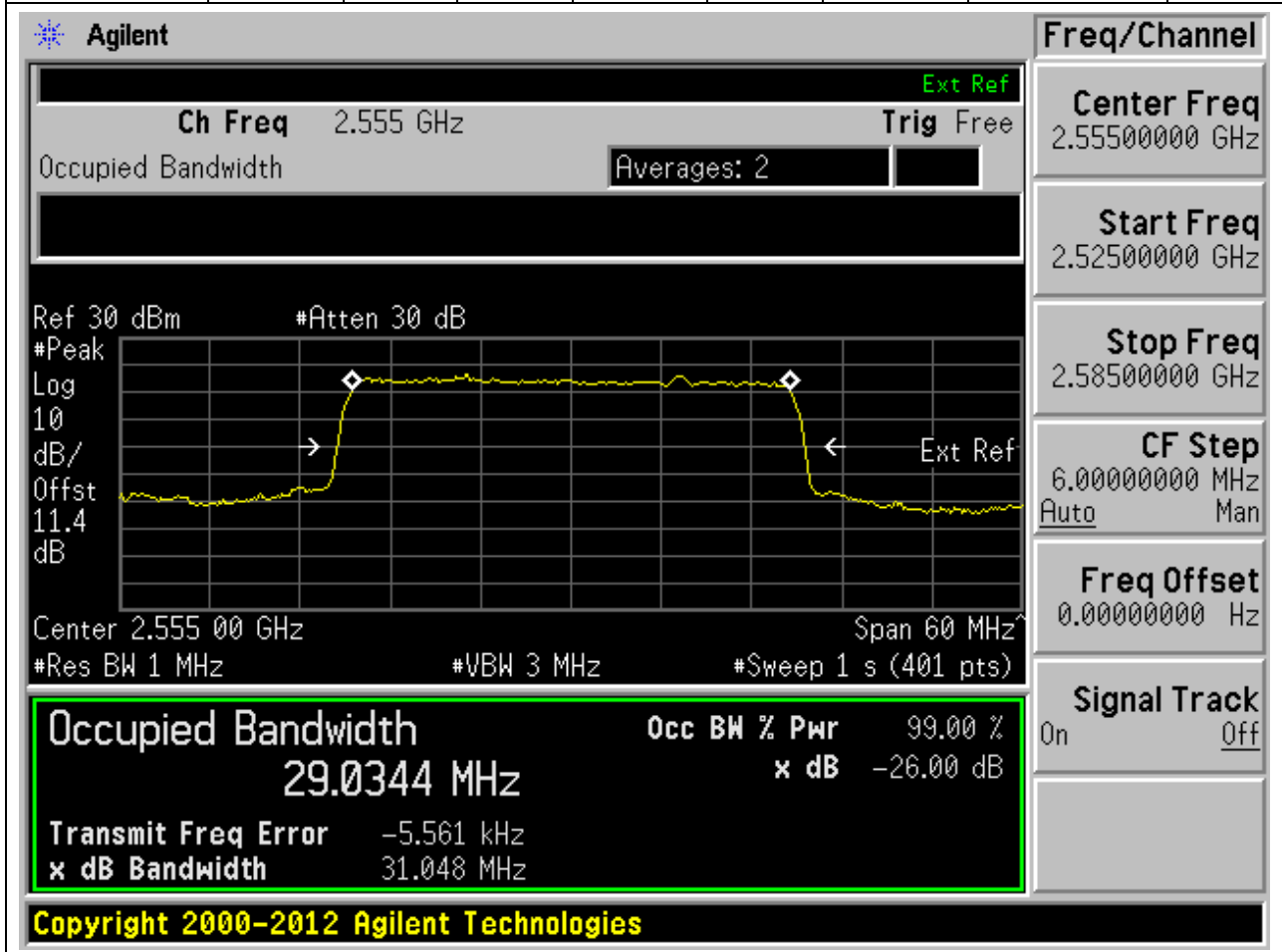
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2535	99.00	26	1	Peak	30	28.76483	31.10816	Pass



25. DC_5A_n7A_SCS15_30M_H_Outer Full(PI2 BPSK DFT-s-OFDM)

25.17. NR Occupied Bandwidth(NTNV)

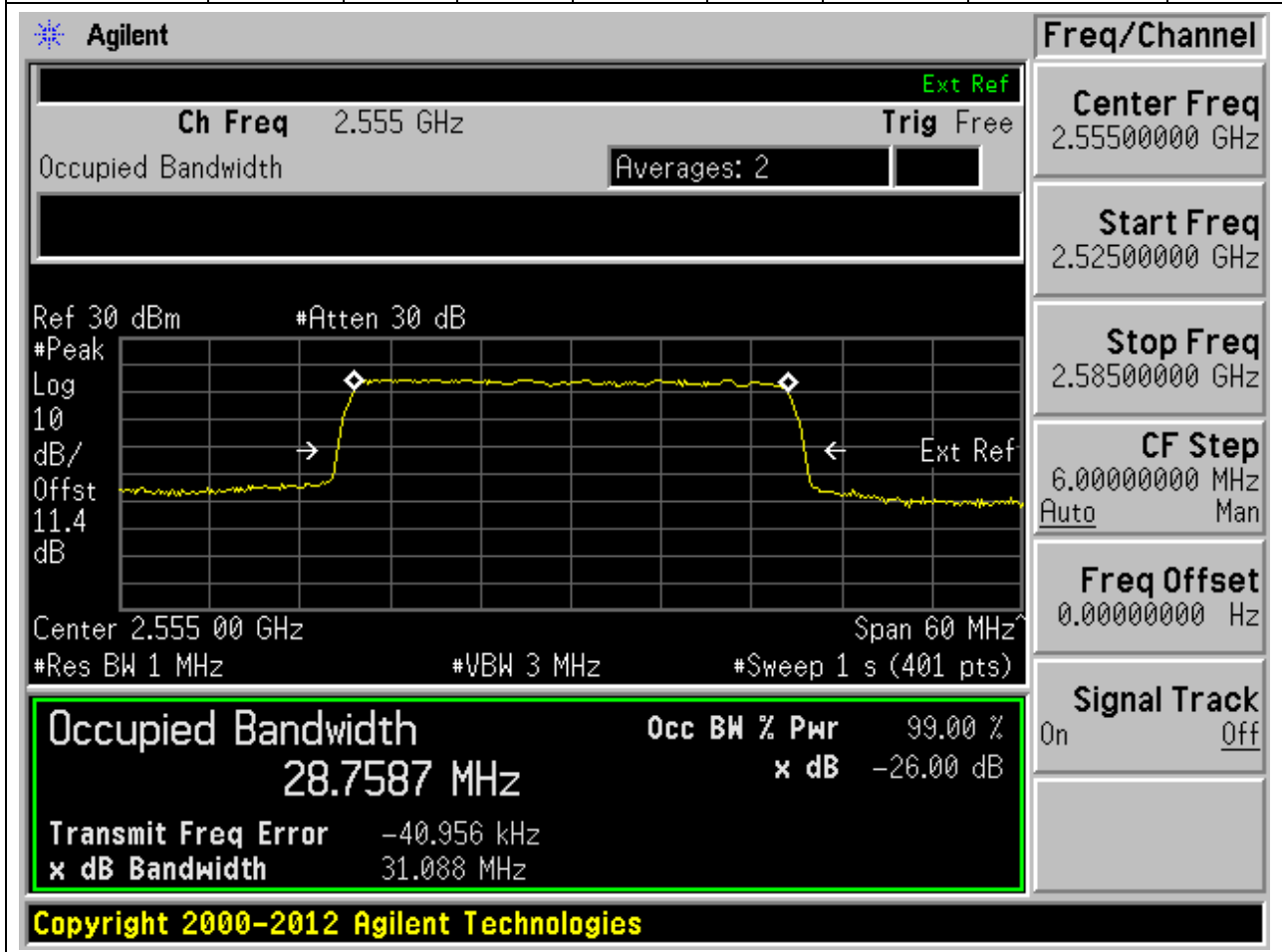
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2555	99.00	26	1	Peak	30	29.03444	31.0476	Pass



25. DC_5A_n7A_SCS15_30M_H_Outer Full(QPSK DFT-s-OFDM)

25.18. NR Occupied Bandwidth(NTNV)

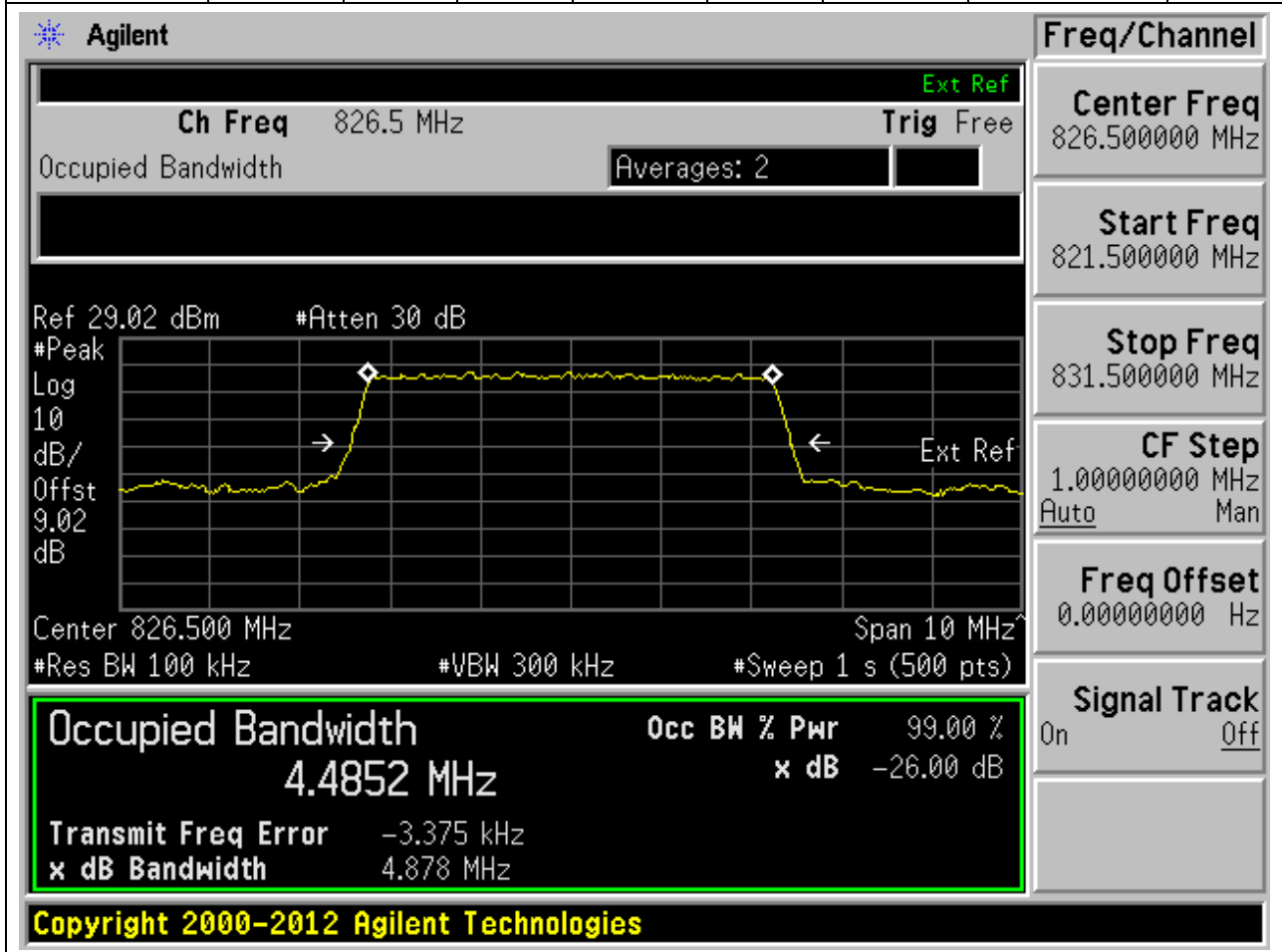
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
2555	99.00	26	1	Peak	30	28.75874	31.08832	Pass



26. DC_7A_n5A_SCS15_5M_L_Outer Full(PI2 BPSK DFT-s-OFDM)

26.1. NR Occupied Bandwidth(NTNV)

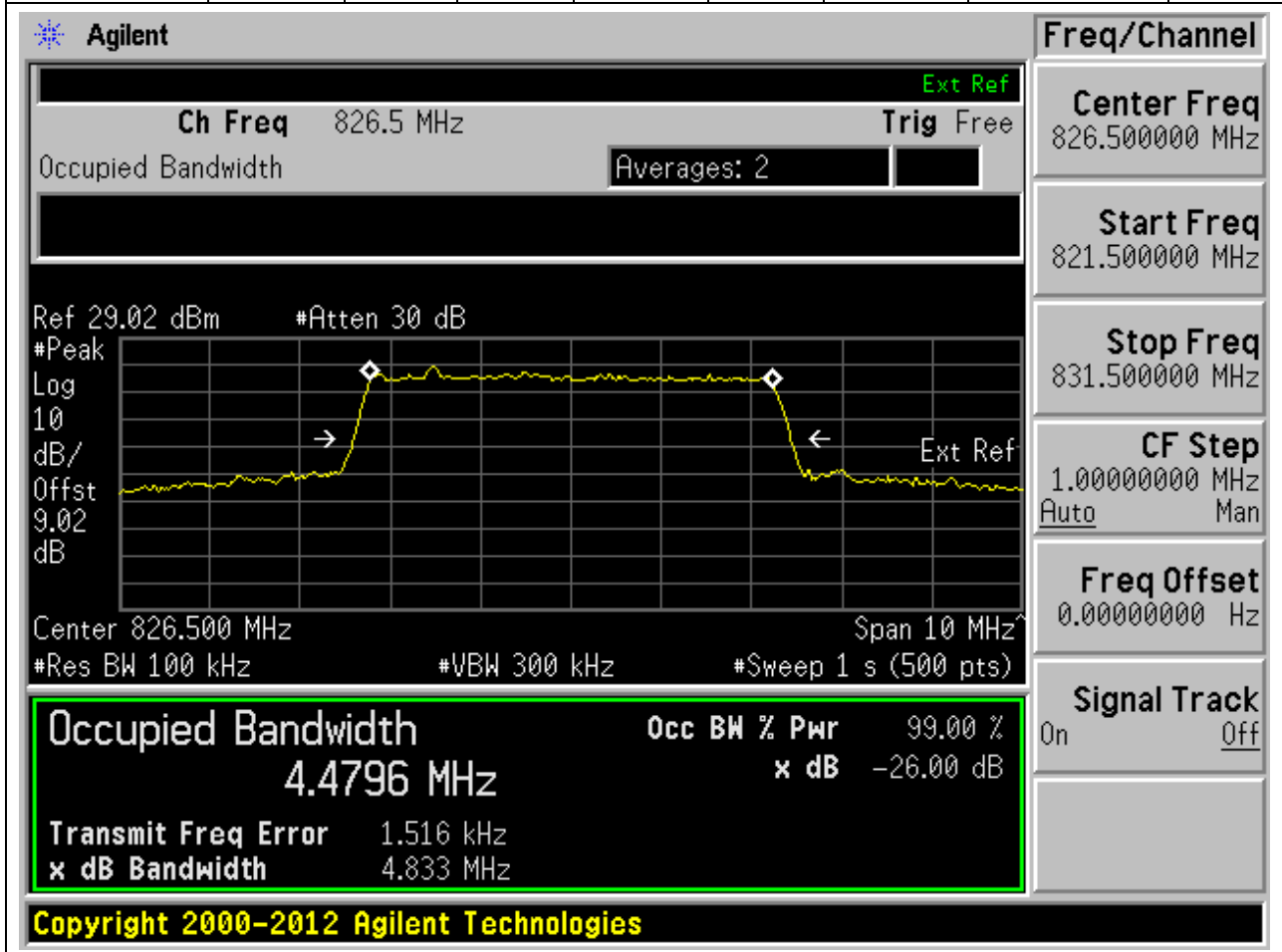
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
826.5	99.00	26	0.1	Peak	5	4.485232	4.878263	Pass



26. DC_7A_n5A_SCS15_5M_L_Outer Full(QPSK DFT-s-OFDM)

26.2. NR Occupied Bandwidth(NTNV)

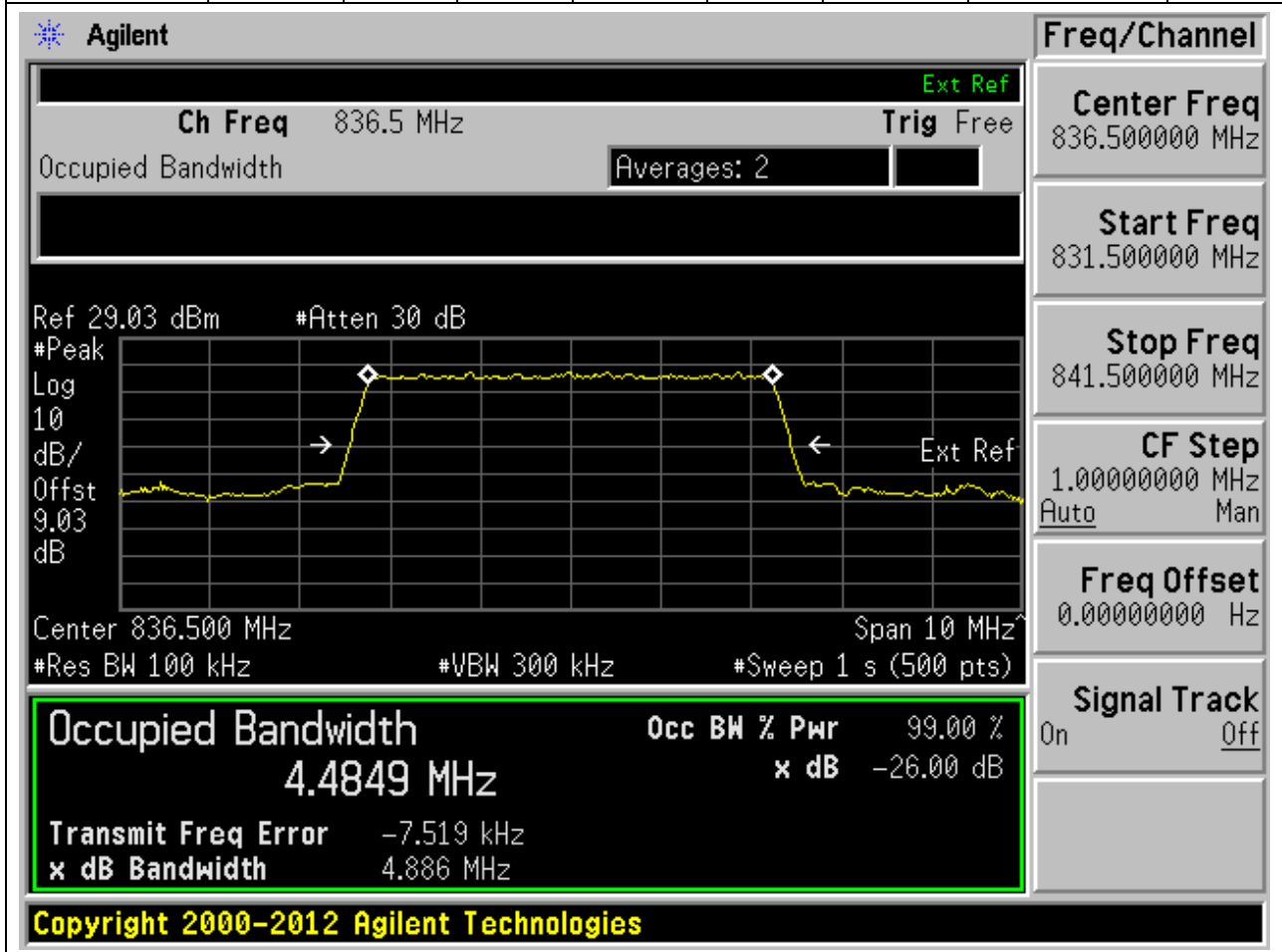
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
826.5	99.00	26	0.1	Peak	5	4.479611	4.833377	Pass



26. DC_7A_n5A_SCS15_5M_M_Outer Full(PI2 BPSK DFT-s-OFDM)

26.3. NR Occupied Bandwidth(NTNV)

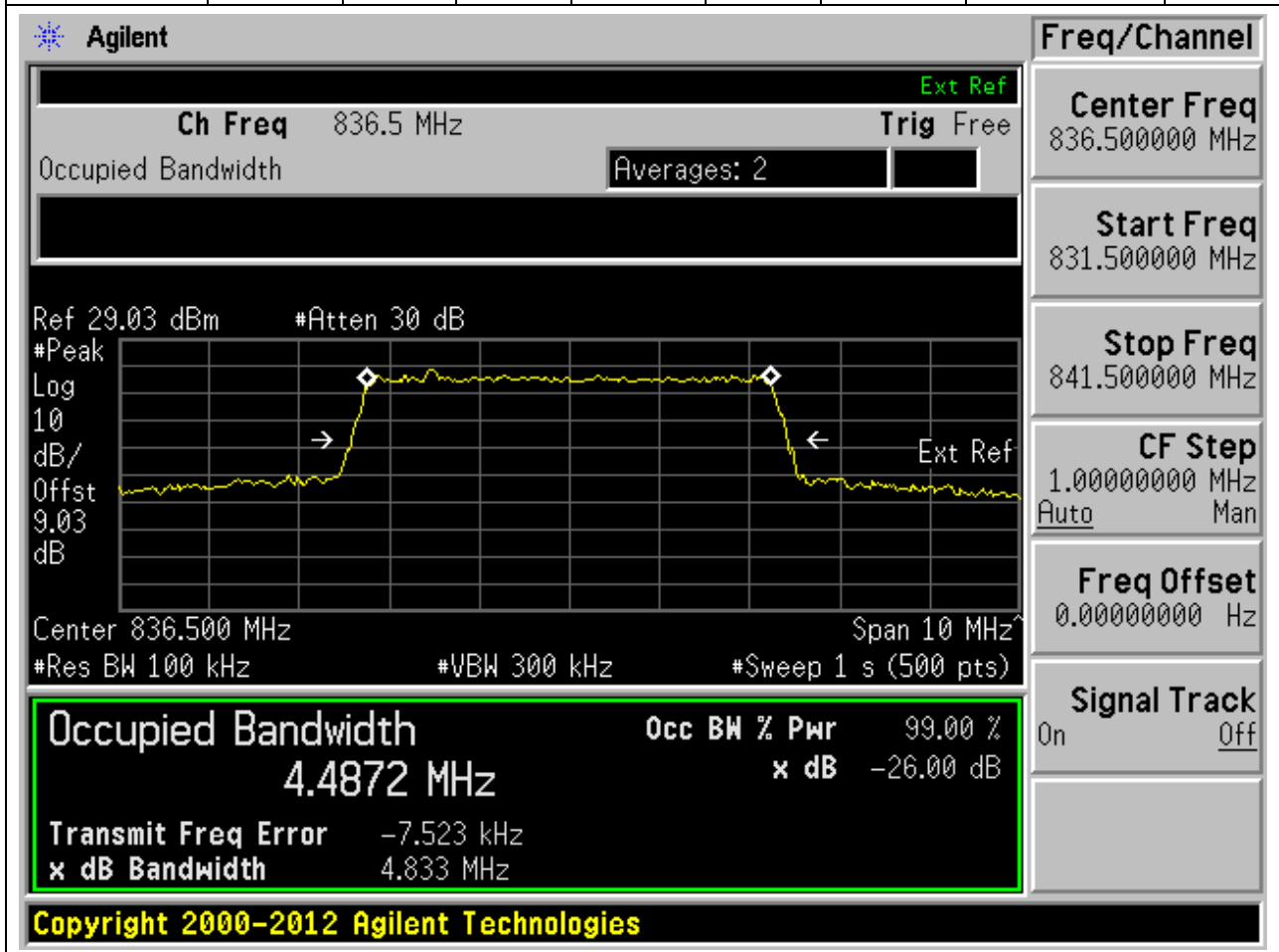
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.1	Peak	5	4.484942	4.886299	Pass



26. DC_7A_n5A_SCS15_5M_M_Outer Full(QPSK DFT-s-OFDM)

26.4. NR Occupied Bandwidth(NTNV)

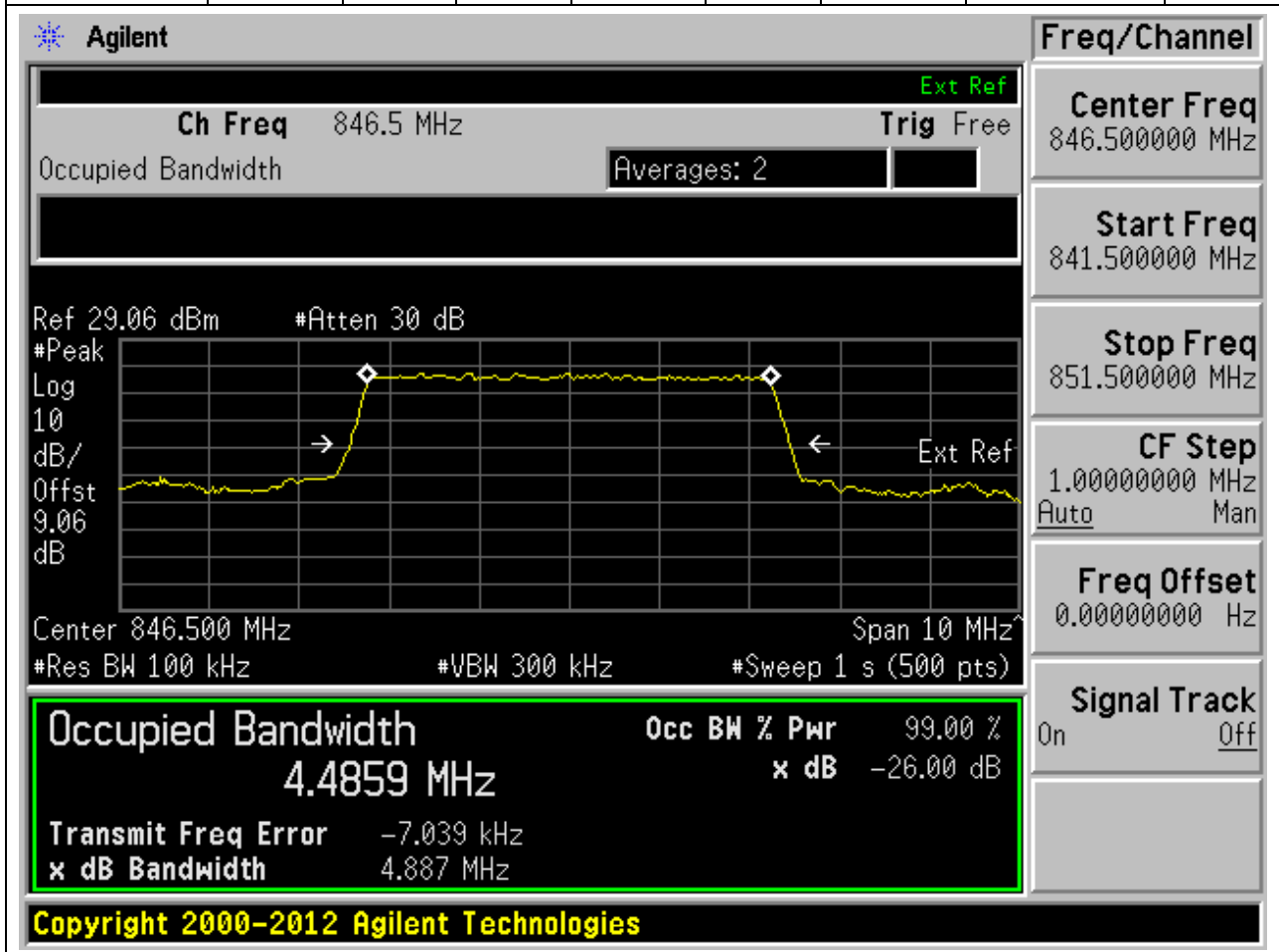
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.1	Peak	5	4.487203	4.833426	Pass



26. DC_7A_n5A_SCS15_5M_H_Outer Full(PI2 BPSK DFT-s-OFDM)

26.5. NR Occupied Bandwidth(NTNV)

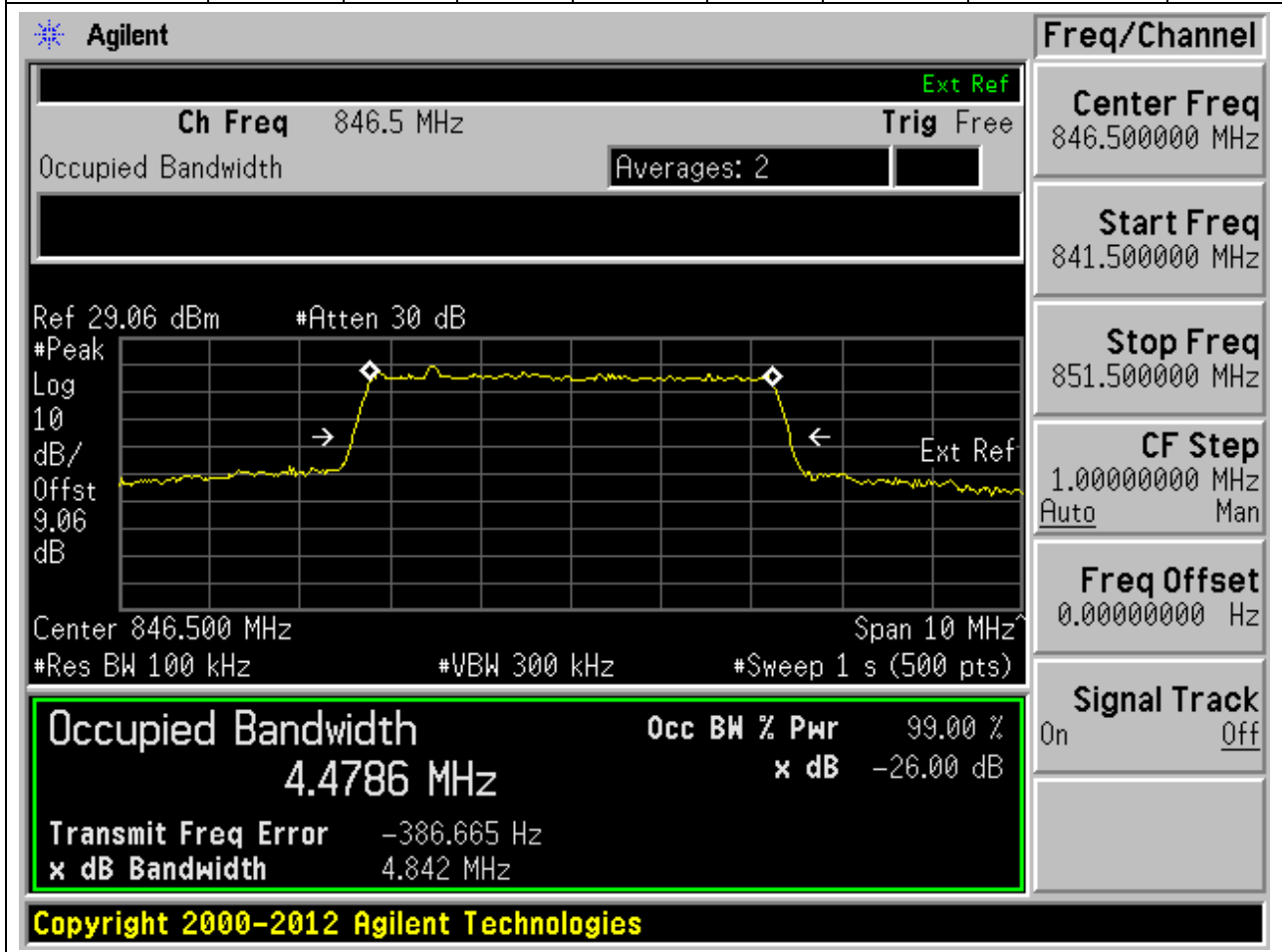
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
846.5	99.00	26	0.1	Peak	5	4.485865	4.887285	Pass



26. DC_7A_n5A_SCS15_5M_H_Outer Full(QPSK DFT-s-OFDM)

26.6. NR Occupied Bandwidth(NTNV)

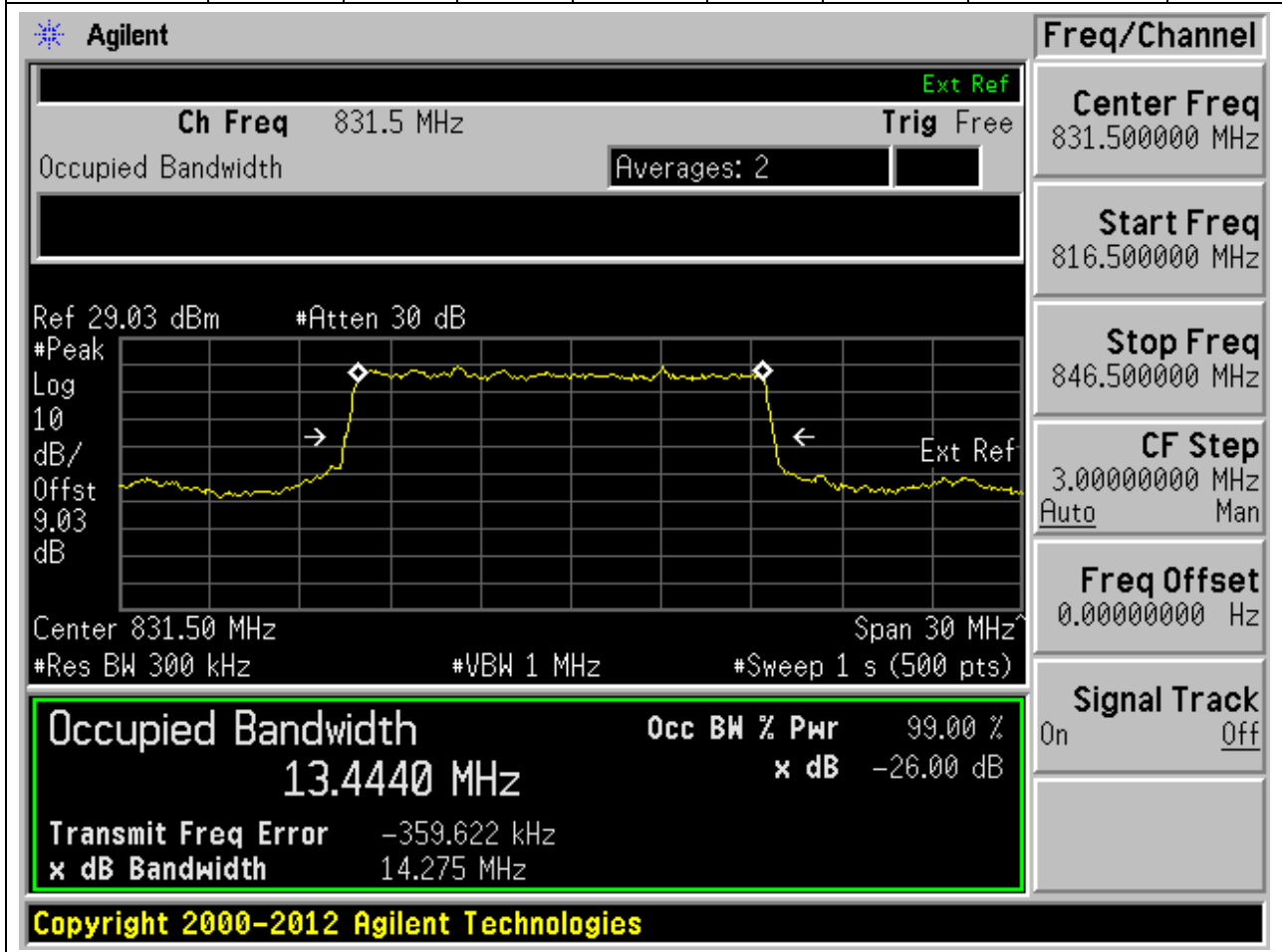
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
846.5	99.00	26	0.1	Peak	5	4.478635	4.841895	Pass



26. DC_7A_n5A_SCS15_15M_L_Outer Full(PI2 BPSK DFT-s-OFDM)

26.7. NR Occupied Bandwidth(NTNV)

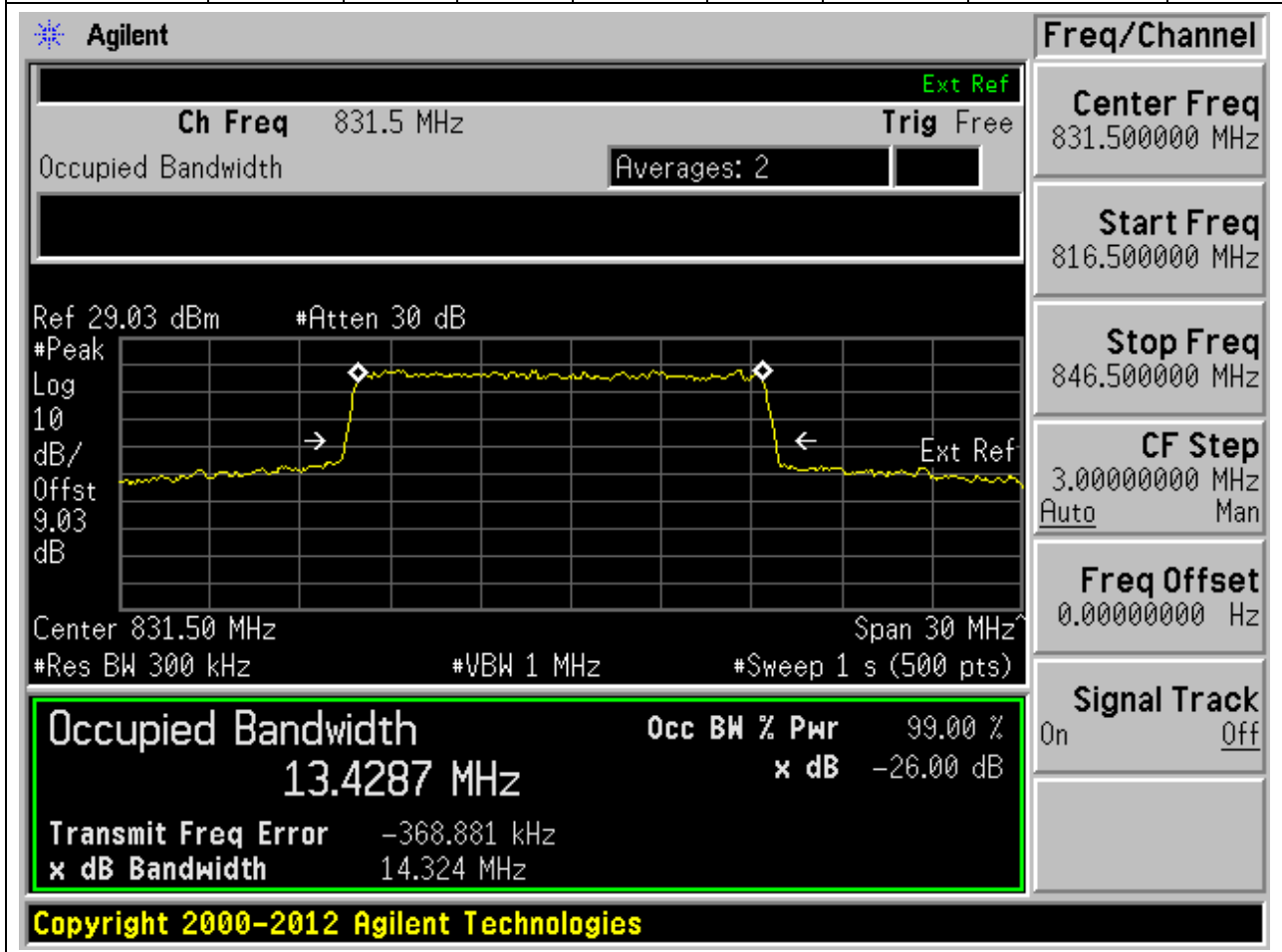
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
831.5	99.00	26	0.3	Peak	15	13.44401	14.2754	Pass



26. DC_7A_n5A_SCS15_15M_L_Outer Full(QPSK DFT-s-OFDM)

26.8. NR Occupied Bandwidth(NTNV)

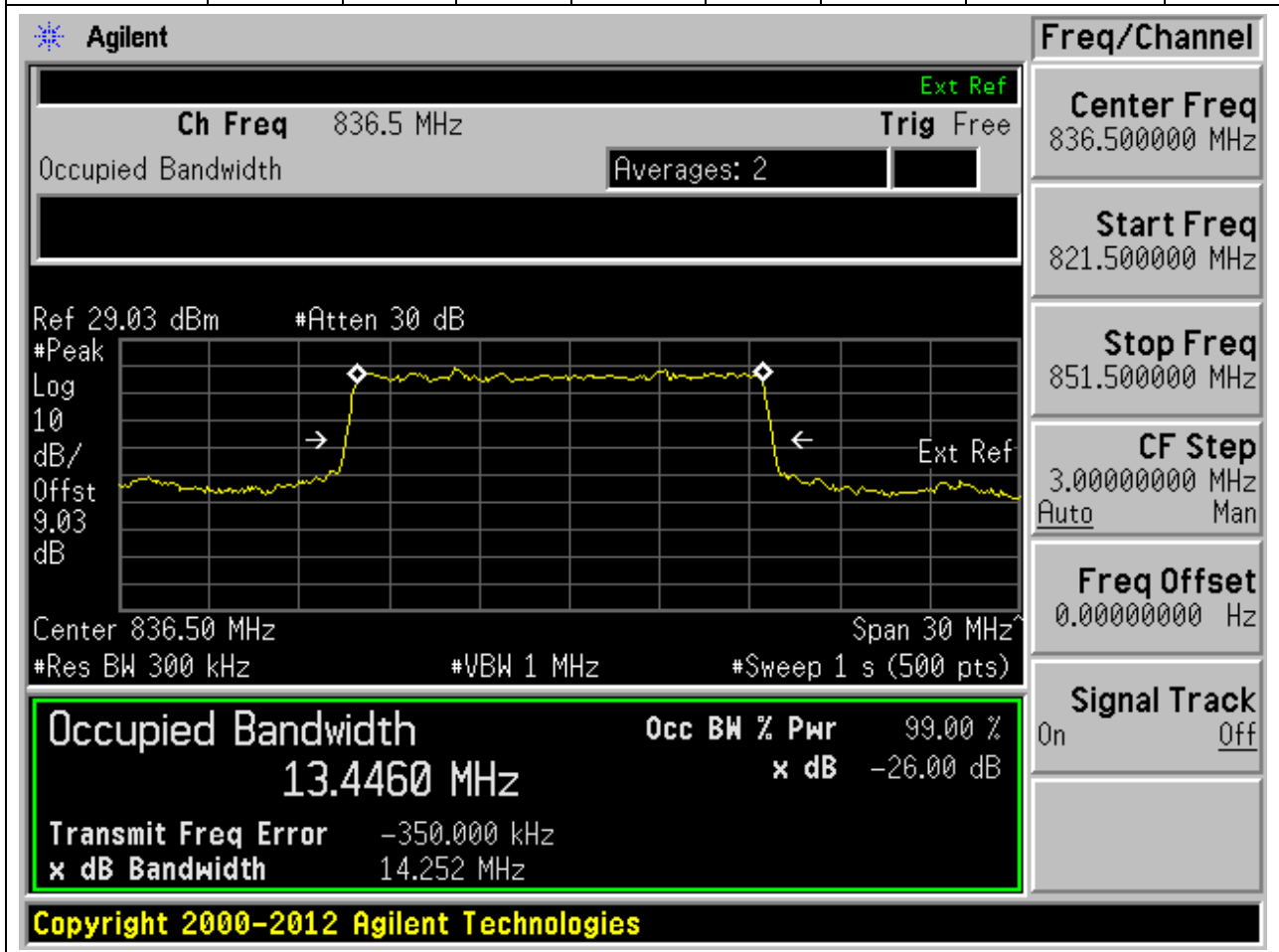
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
831.5	99.00	26	0.3	Peak	15	13.42871	14.32423	Pass



26. DC_7A_n5A_SCS15_15M_M_Outer Full(PI2 BPSK DFT-s-OFDM)

26.9. NR Occupied Bandwidth(NTNV)

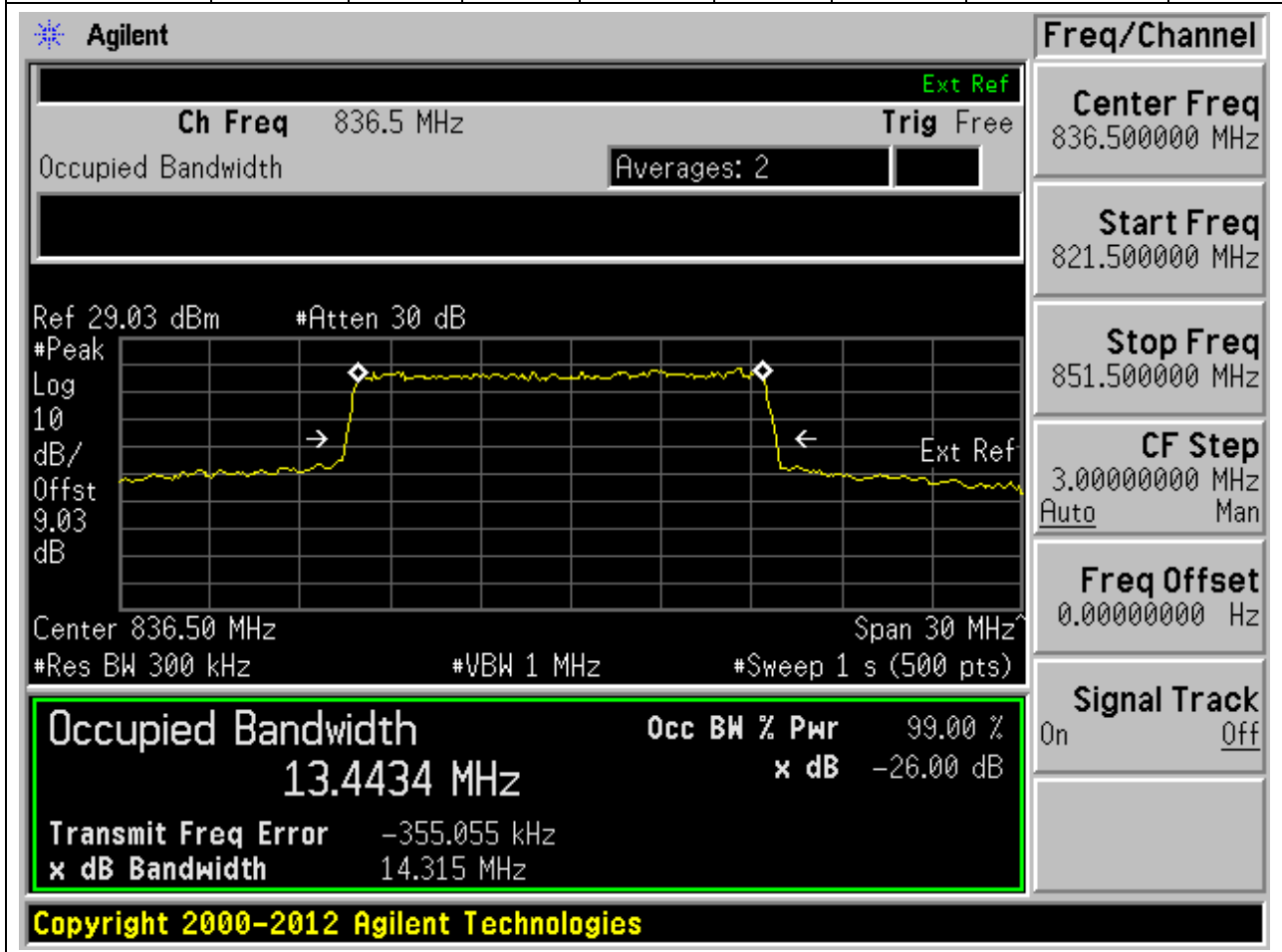
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	15	13.44599	14.25207	Pass



26. DC_7A_n5A_SCS15_15M_M_Outer Full(QPSK DFT-s-OFDM)

26.10. NR Occupied Bandwidth(NTNV)

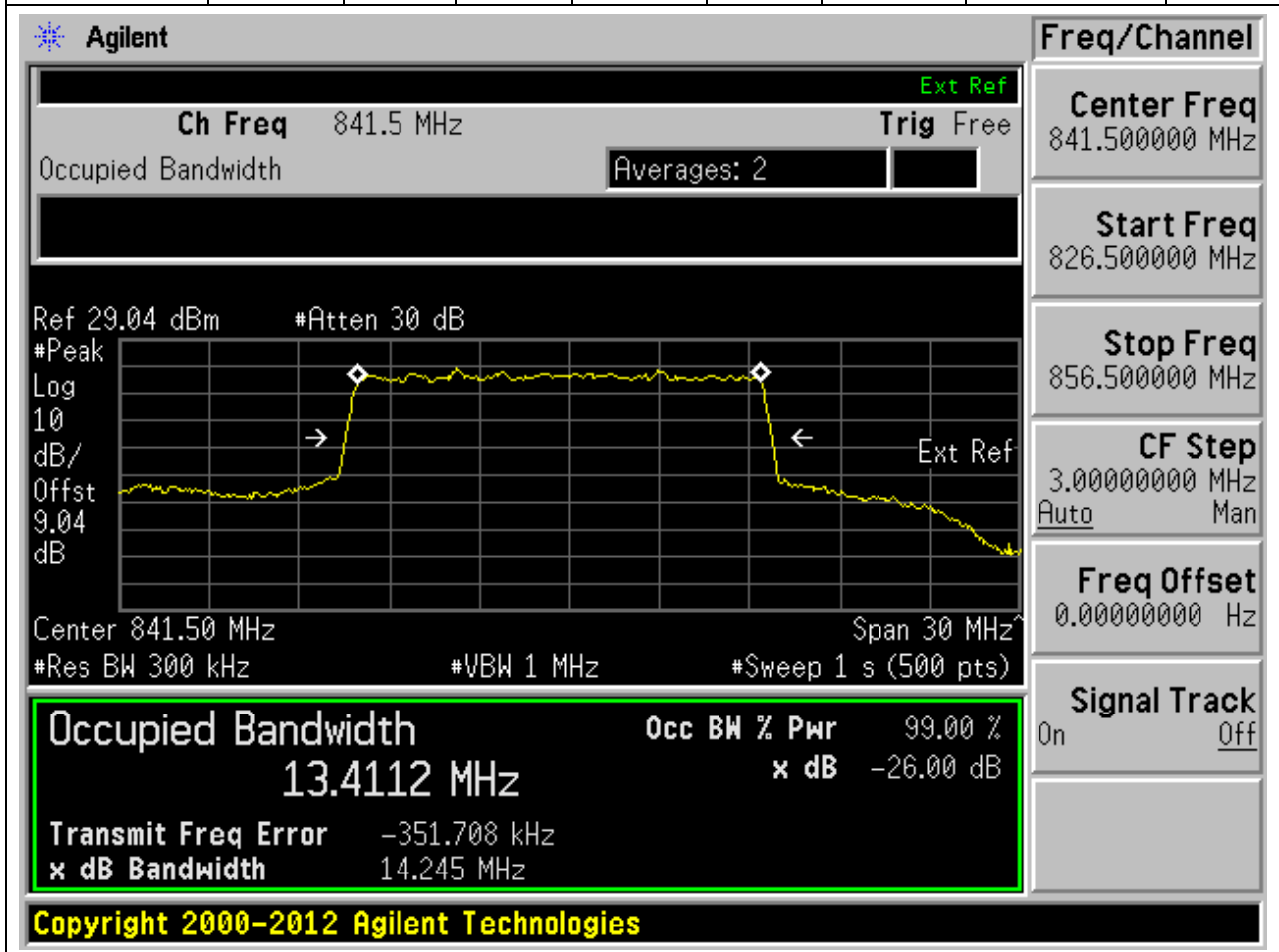
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	15	13.4434	14.31453	Pass



26. DC_7A_n5A_SCS15_15M_H_Outer Full(PI2 BPSK DFT-s-OFDM)

26.11. NR Occupied Bandwidth(NTNV)

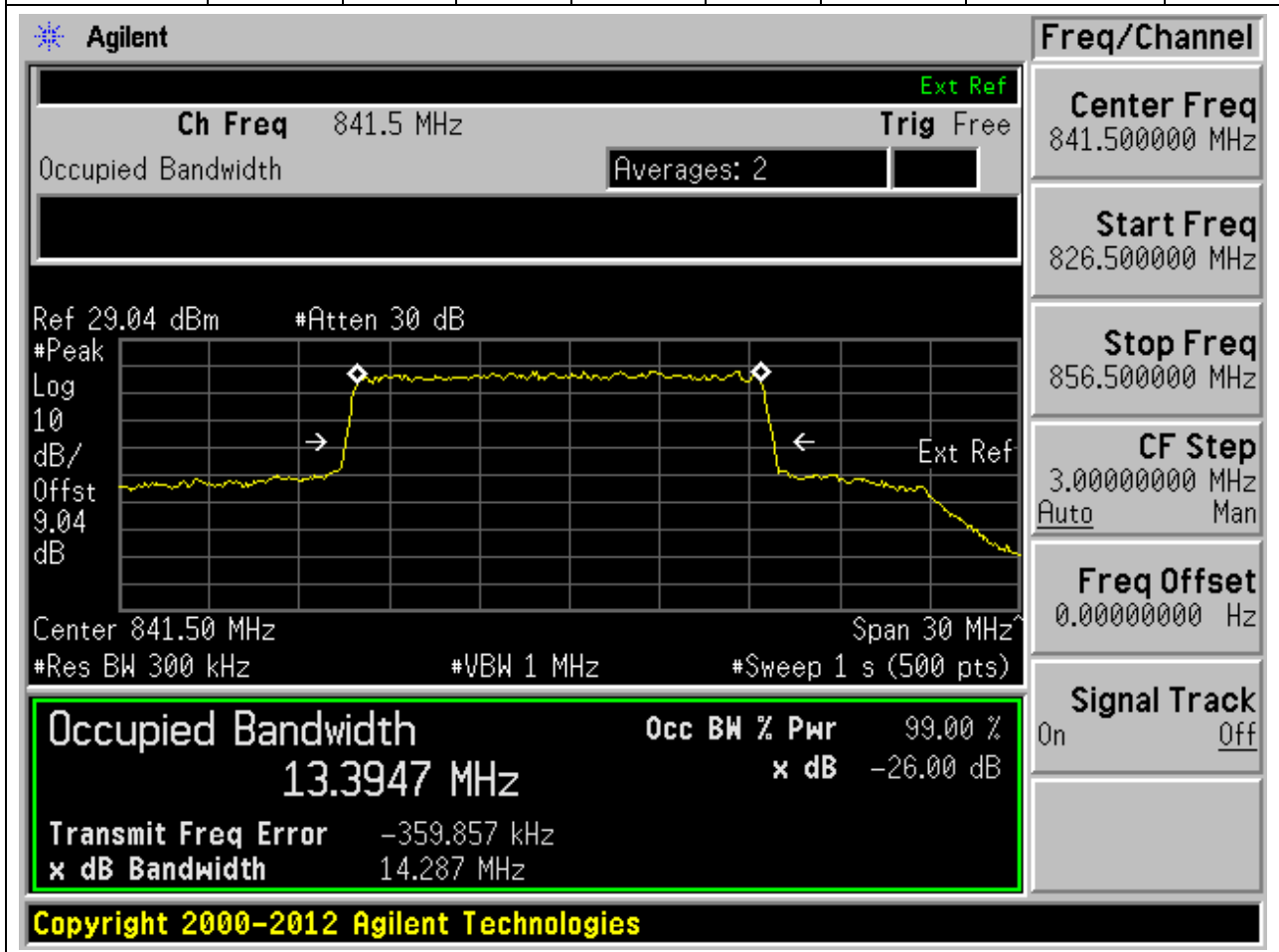
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
841.5	99.00	26	0.3	Peak	15	13.41123	14.24528	Pass



26. DC_7A_n5A_SCS15_15M_H_Outer Full(QPSK DFT-s-OFDM)

26.12. NR Occupied Bandwidth(NTNV)

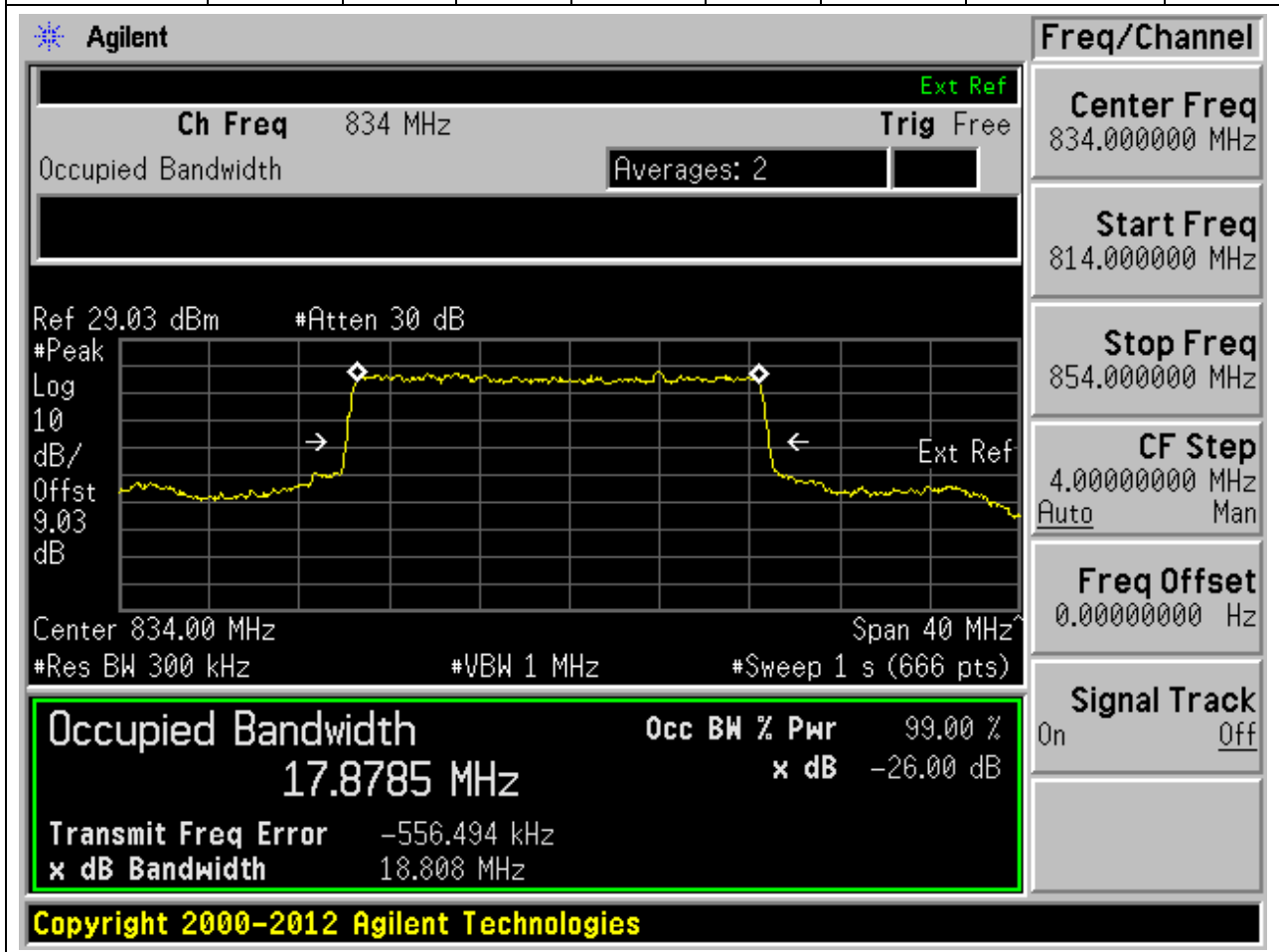
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
841.5	99.00	26	0.3	Peak	15	13.39469	14.28668	Pass



26. DC_7A_n5A_SCS15_20M_L_Outer Full(PI2 BPSK DFT-s-OFDM)

26.13. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
834	99.00	26	0.3	Peak	20	17.87854	18.8083	Pass



26. DC_7A_n5A_SCS15_20M_L_Outer Full(QPSK DFT-s-OFDM)

26.14. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
834	99.00	26	0.3	Peak	20	17.88145	18.85144	Pass

Agilent
Freq/Channel

Ch Freq 834 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

Center 834.00 MHz Span 40 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (666 pts)

Center Freq
834.000000 MHz

Start Freq
814.000000 MHz

Stop Freq
854.000000 MHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
17.8815 MHz

Transmit Freq Error
x dB Bandwidth -539.701 kHz
18.851 MHz

Occ BW % Pwr 99.00 %

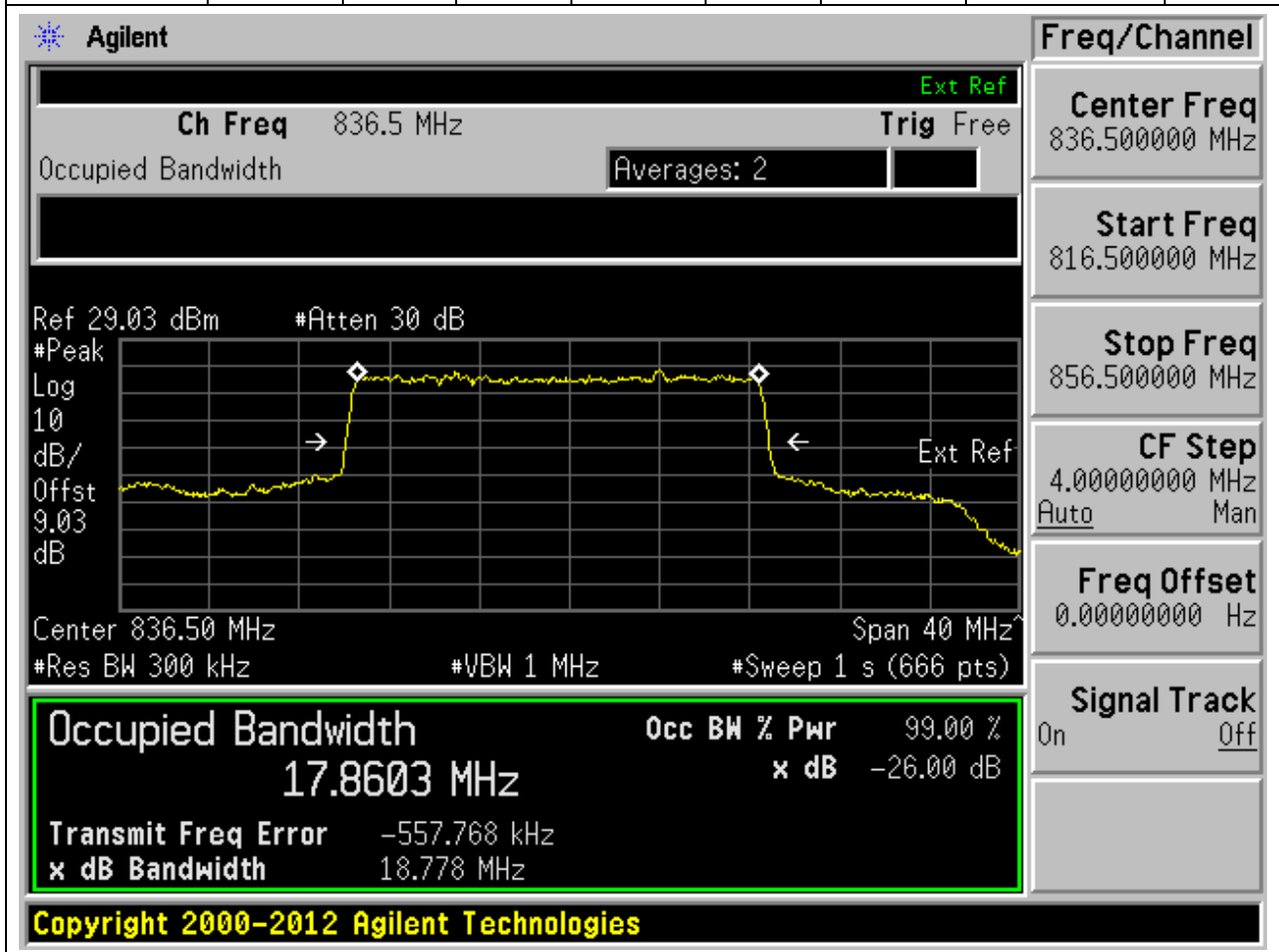
x dB -26.00 dB

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26. DC_7A_n5A_SCS15_20M_M_Outer Full(PI2 BPSK DFT-s-OFDM)

26.15. NR Occupied Bandwidth(NTNV)

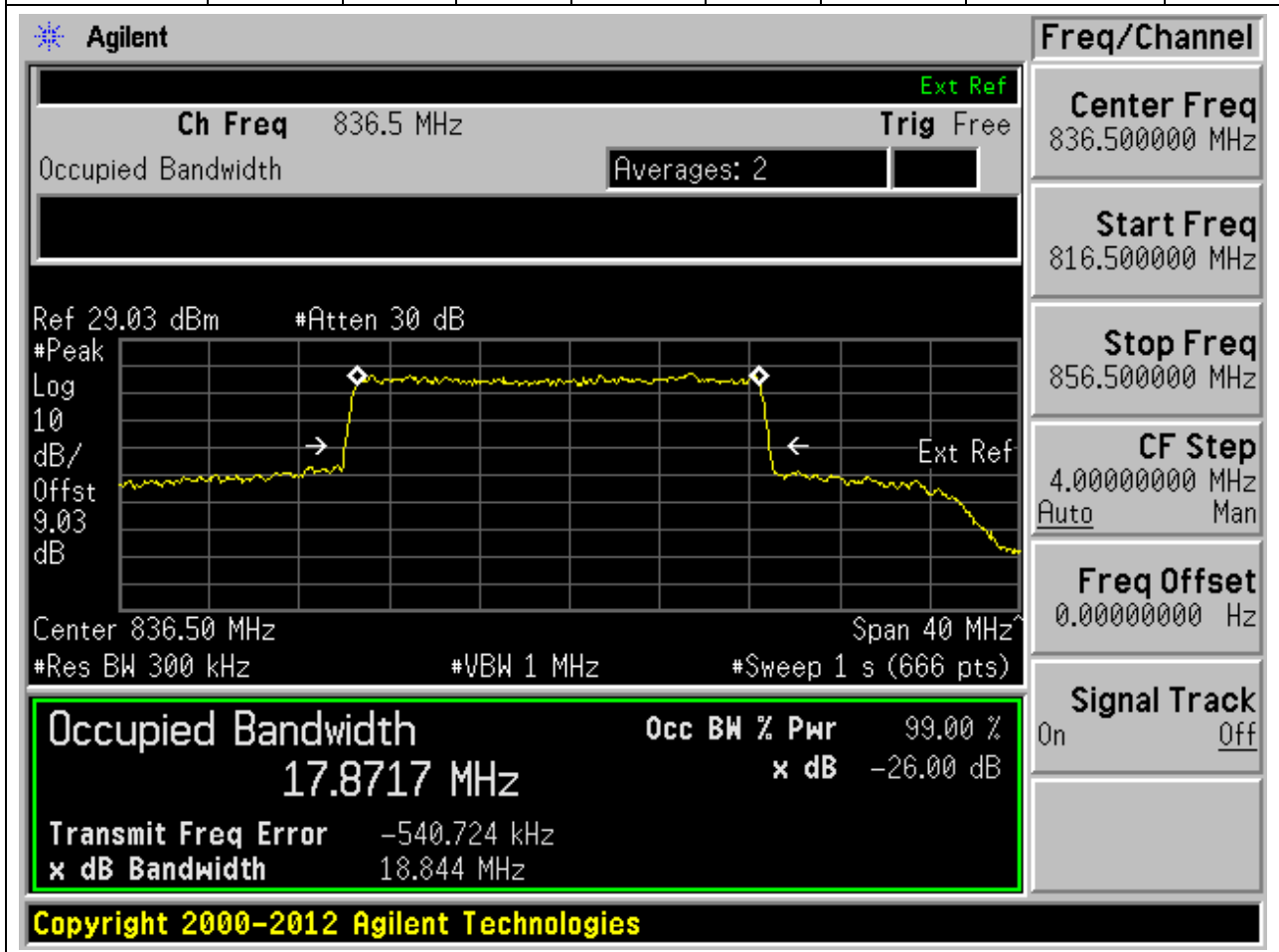
Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	20	17.86028	18.77754	Pass



26. DC_7A_n5A_SCS15_20M_M_Outer Full(QPSK DFT-s-OFDM)

26.16. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
836.5	99.00	26	0.3	Peak	20	17.87169	18.84366	Pass



26. DC_7A_n5A_SCS15_20M_H_Outer Full(PI2 BPSK DFT-s-OFDM)

26.17. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
839	99.00	26	0.3	Peak	20	17.84778	18.80775	Pass

Agilent
Freq/Channel

Ch Freq 839 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.04 dB

Center 839.00 MHz Span 40 MHz

#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (666 pts)

Center Freq
839.000000 MHz

Start Freq
819.000000 MHz

Stop Freq
859.000000 MHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
17.8478 MHz

Transmit Freq Error -557.010 kHz

x dB Bandwidth 18.808 MHz

Occ BW % Pwr 99.00 %

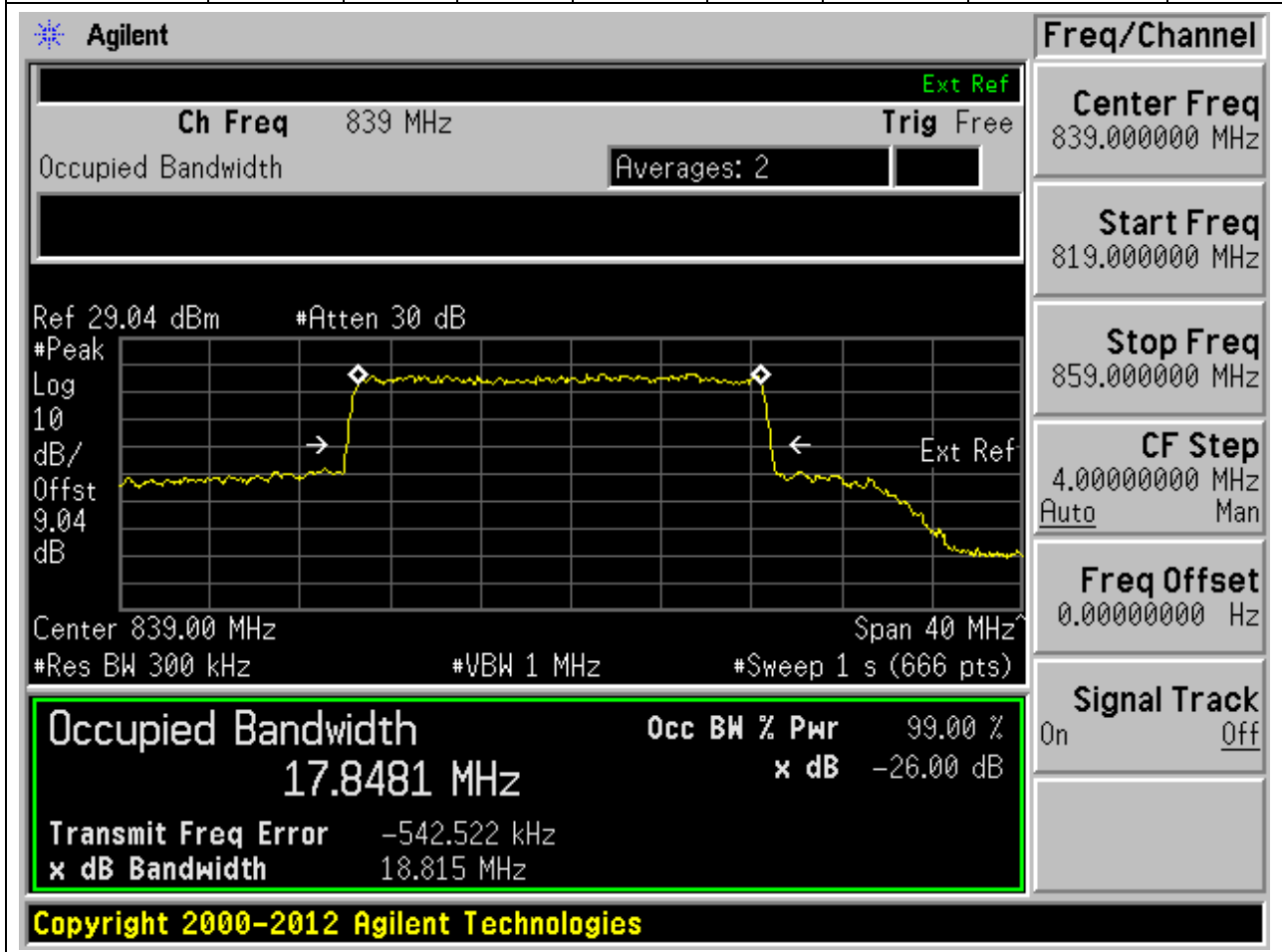
x dB -26.00 dB

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26. DC_7A_n5A_SCS15_20M_H_Outer Full(QPSK DFT-s-OFDM)

26.18. NR Occupied Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	XdB BandWidth (MHz)	Verdict
839	99.00	26	0.3	Peak	20	17.84808	18.81475	Pass



END