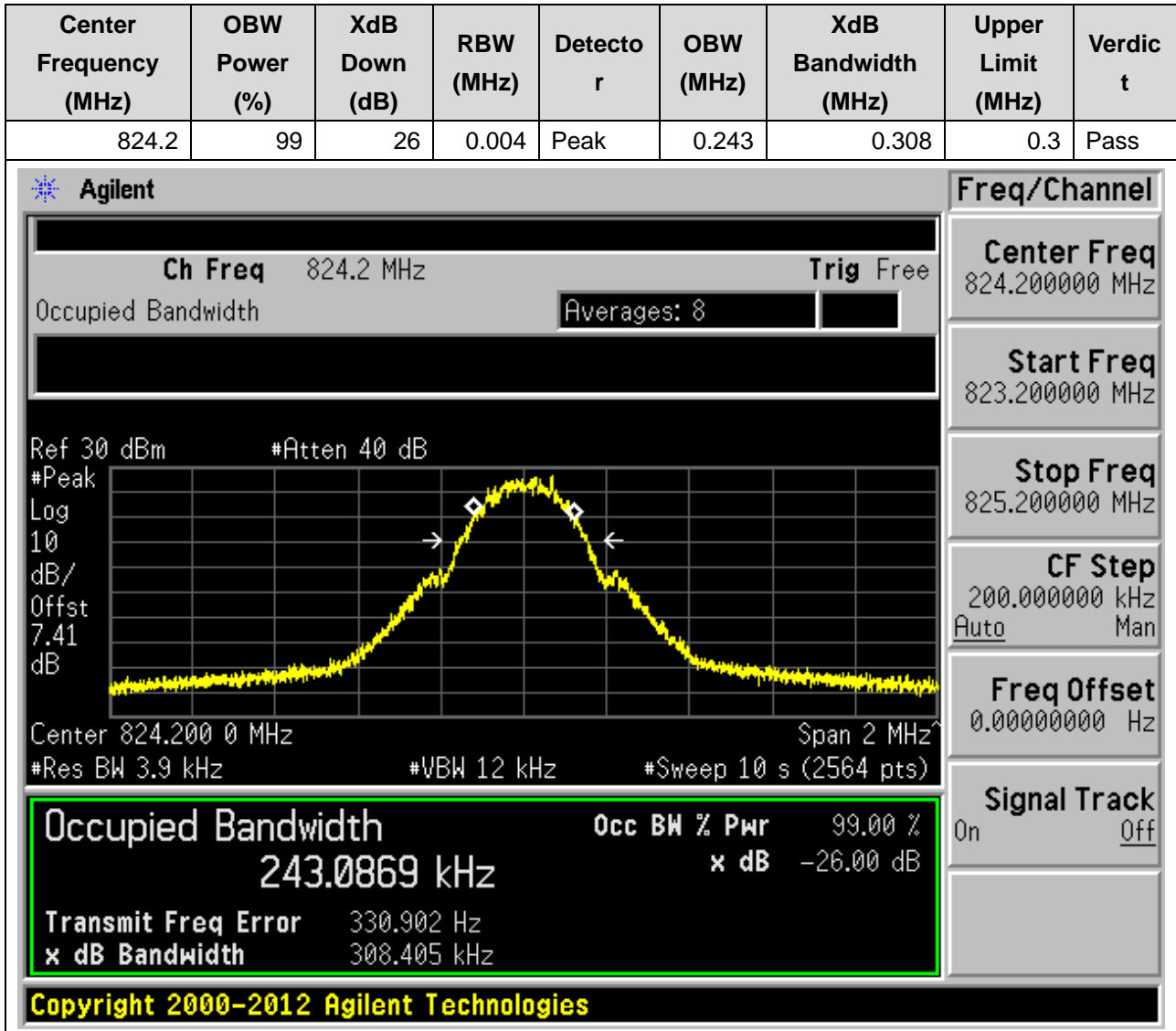


Annex A.3 Occupied Bandwidth

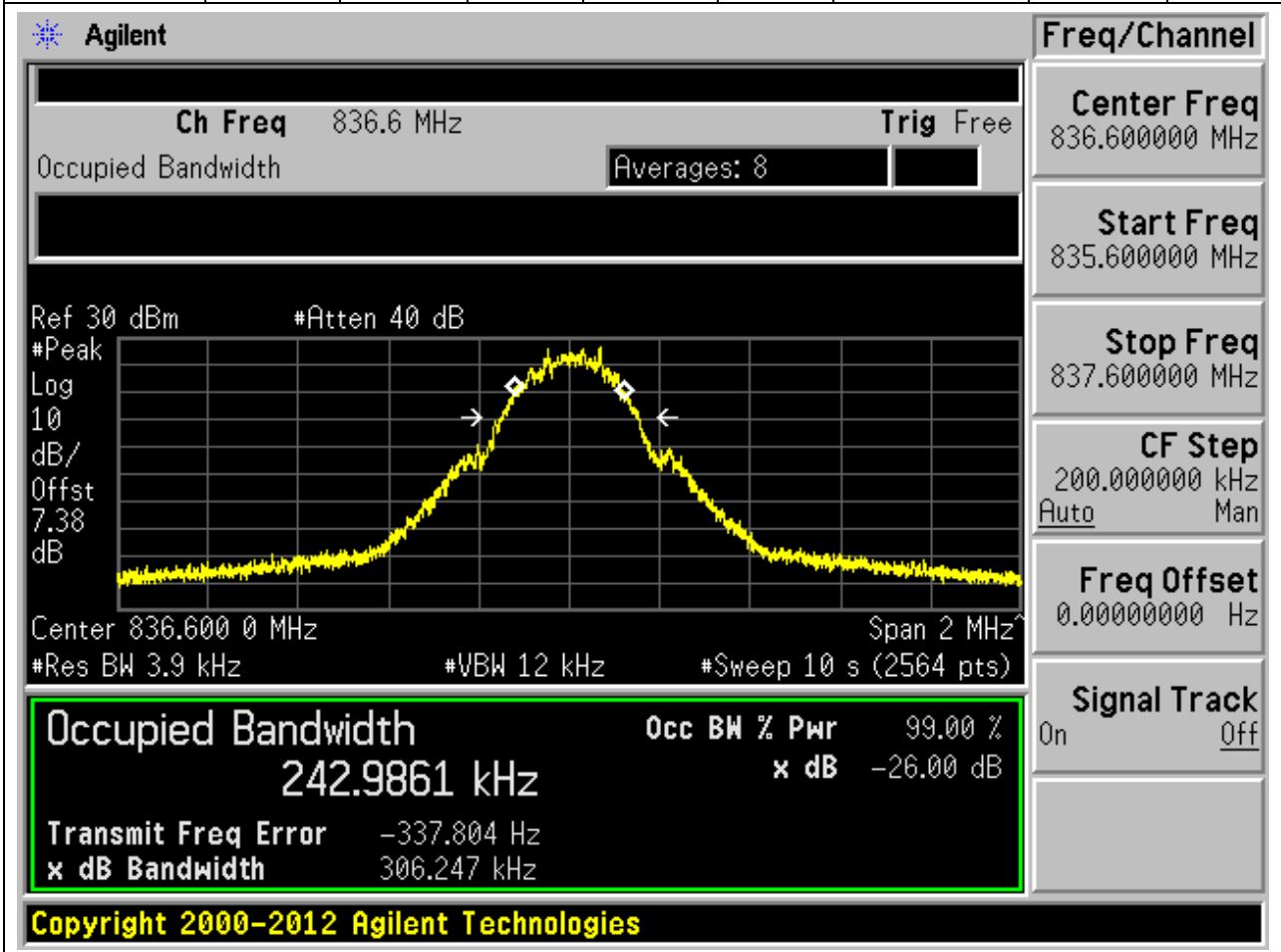
1. GSM_GSM850

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



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 | 0.243 | 0.306 | 0.3 | Pass |



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 | 0.243 | 0.305 | 0.3 | Pass |

Agilent

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 7.39 dB

Center 848.800 MHz Span 2 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

242.7801 kHz x dB -26.00 dB

Transmit Freq Error 523.988 Hz

x dB Bandwidth 305.322 kHz

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Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

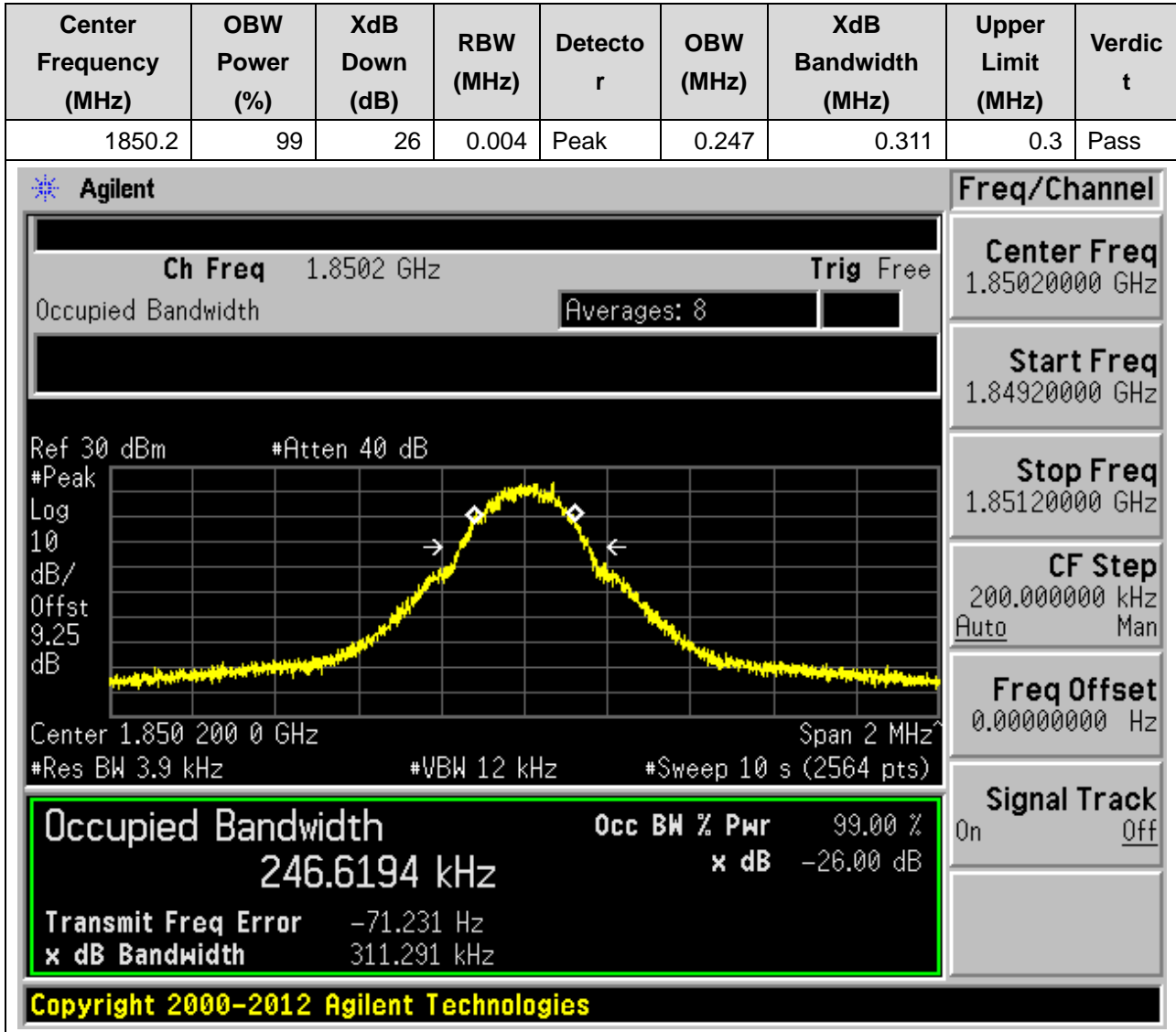
CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

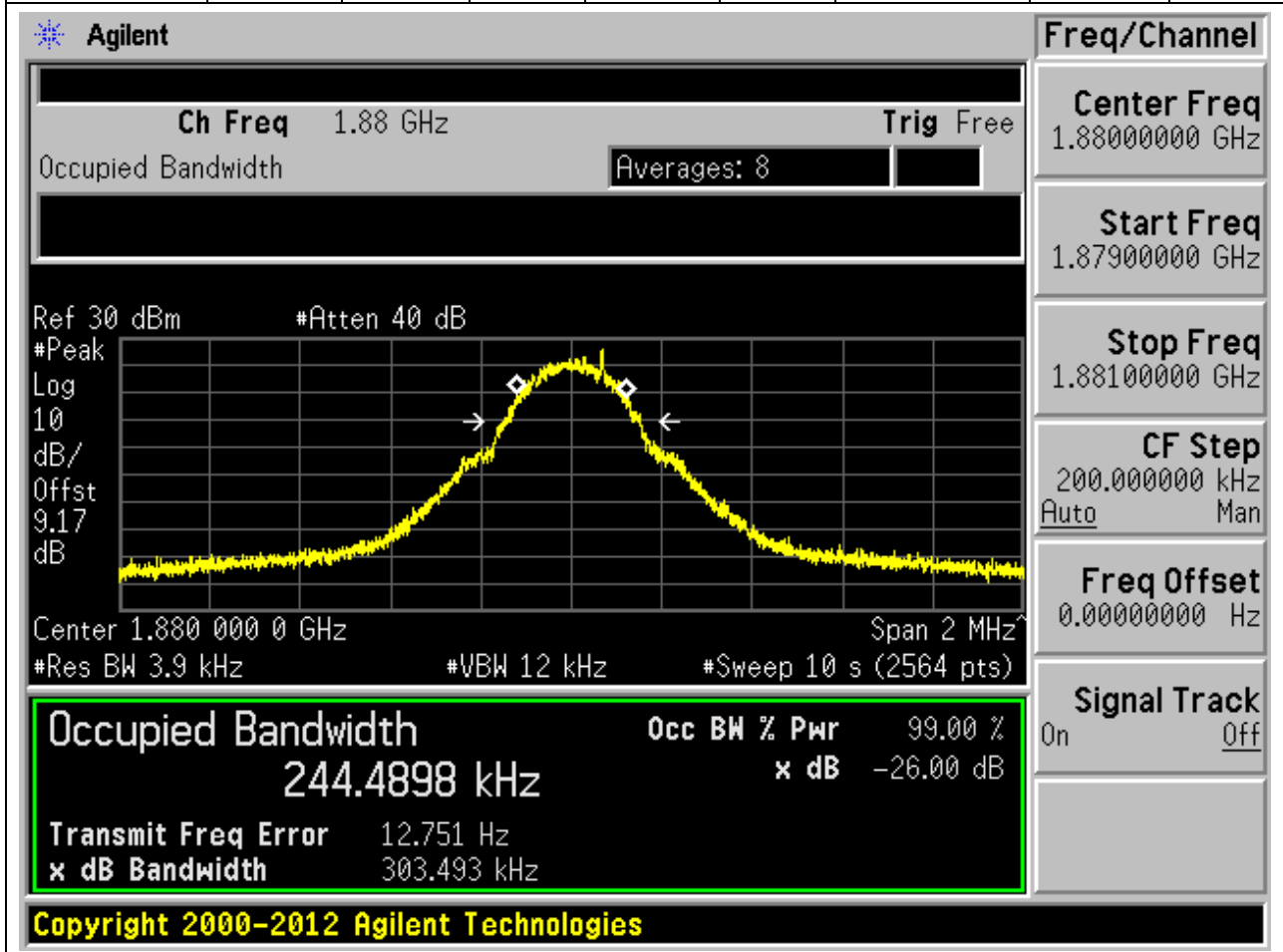
2. GSM_PCS

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



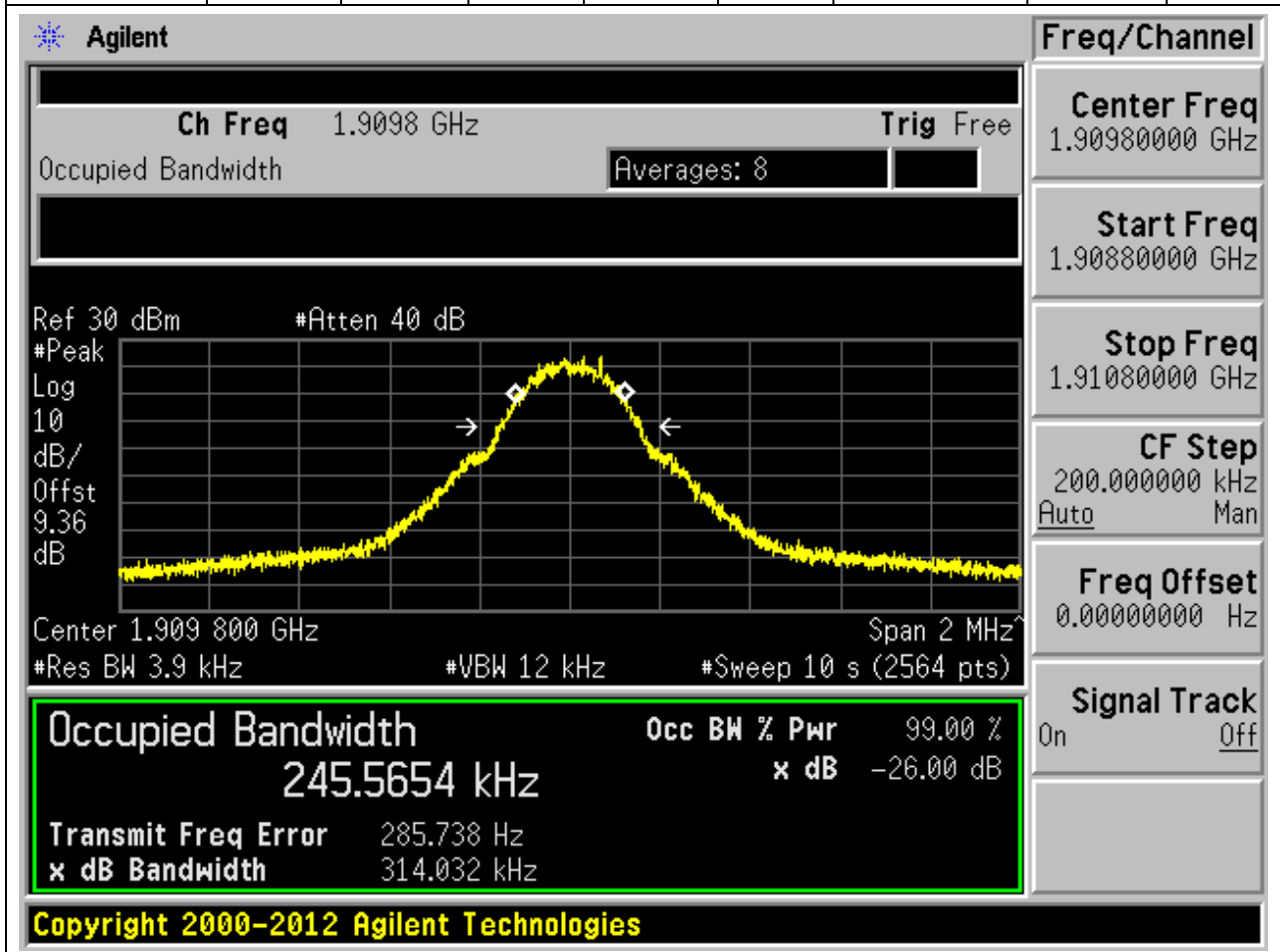
2.2. GSM Occupied Bandwidth(NTNV)(Channel:661)

| 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 | 0.244 | 0.303 | 0.3 | Pass |



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

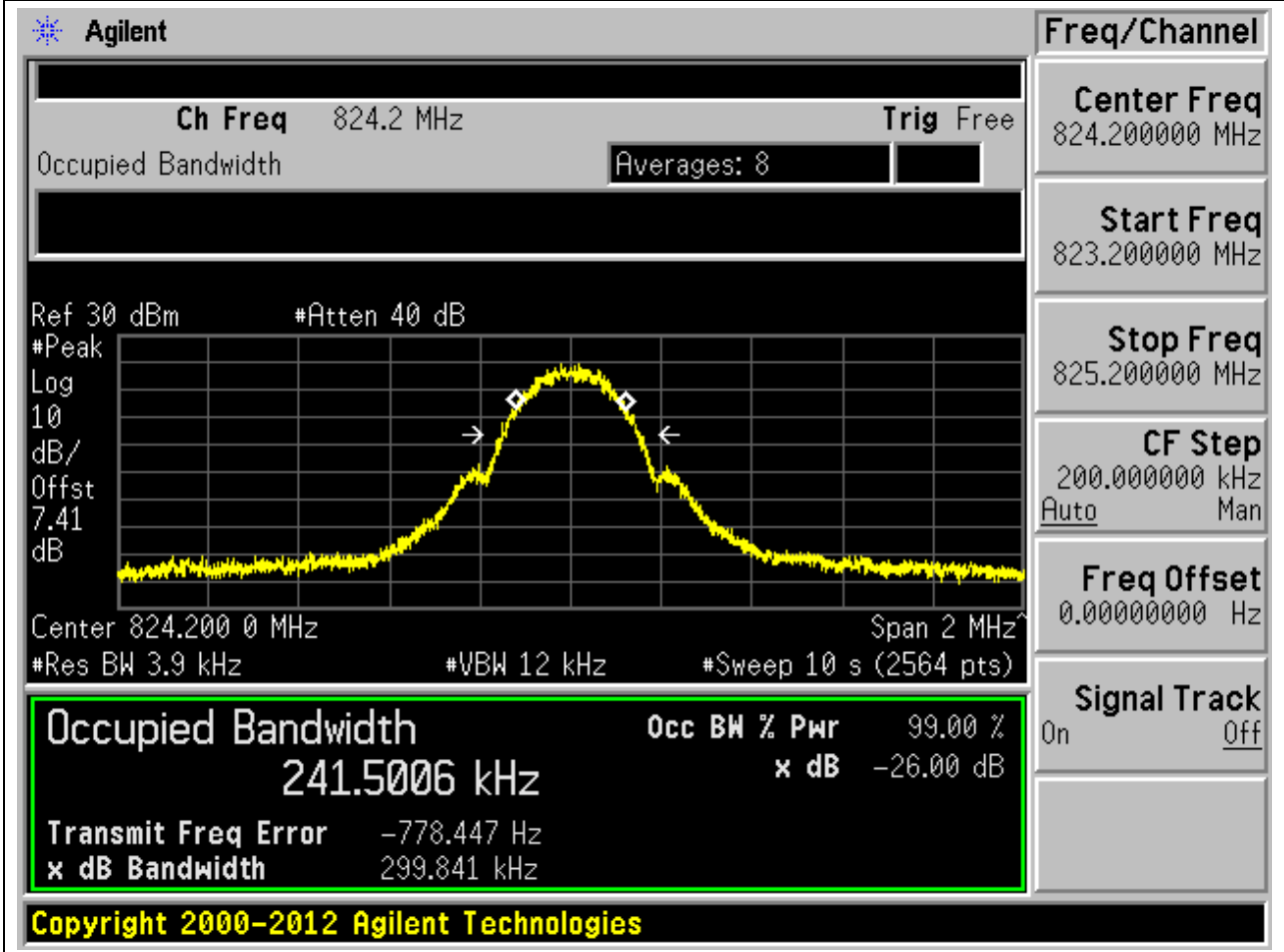
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1909.8 | 99 | 26 | 0.004 | Peak | 0.246 | 0.314 | 0.3 | Pass |



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 | 0.242 | 0.3 | 0.3 | Pass |



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 | 0.242 | 0.311 | 0.3 | Pass |

Agilent

Ch Freq 836.6 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 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 %

241.9379 kHz x dB -26.00 dB

Transmit Freq Error 311.238 Hz

x dB Bandwidth 311.191 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 | 0.242 | 0.31 | 0.3 | Pass |

Agilent

Ch Freq 848.8 MHz Trig Free

Occupied Bandwidth Averages: 8

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/Offst 7.39 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 %

242.2430 kHz x dB -26.00 dB

Transmit Freq Error -342.749 Hz

x dB Bandwidth 310.118 kHz

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Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

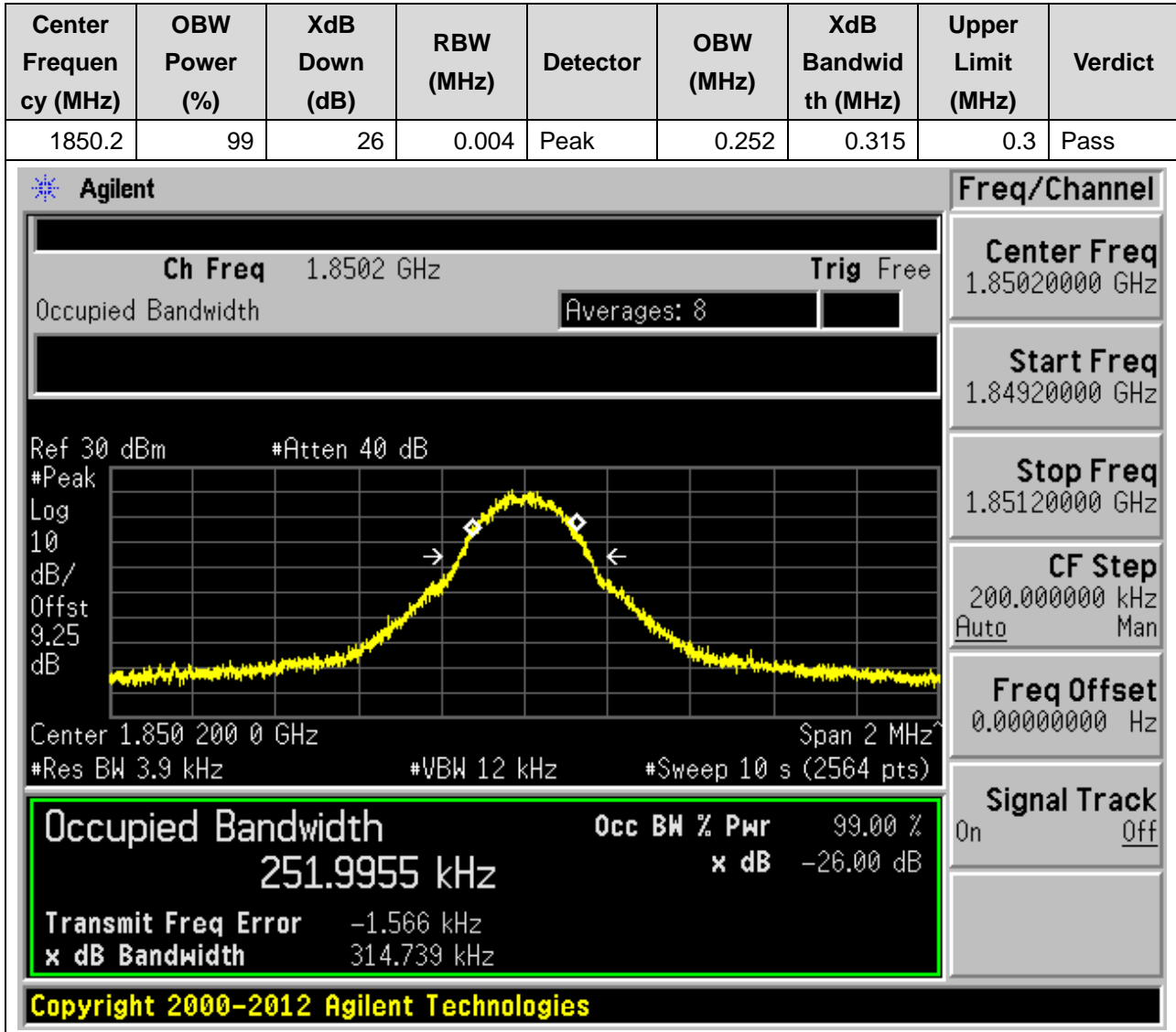
CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

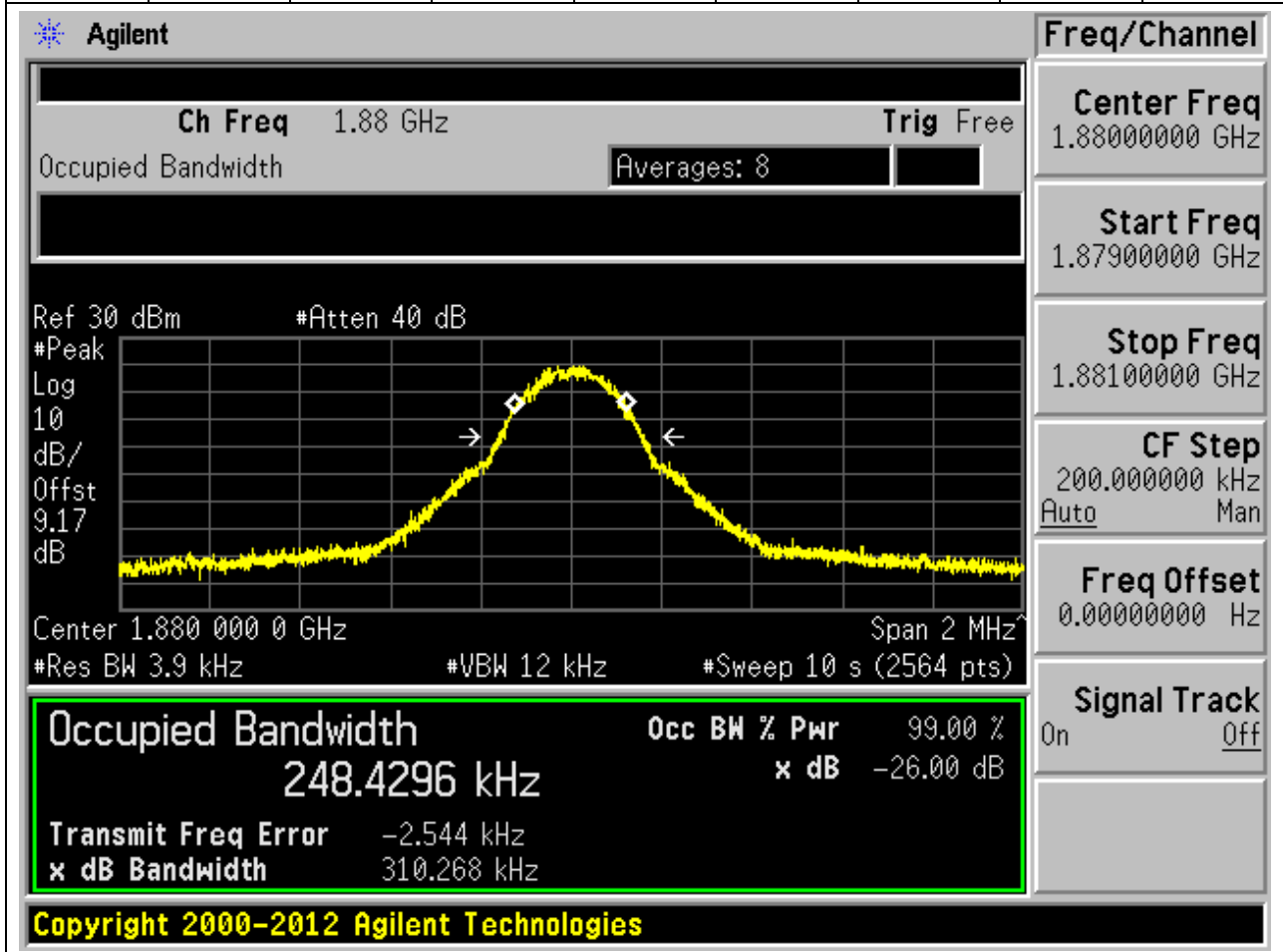
4. EGPRS_PCS

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



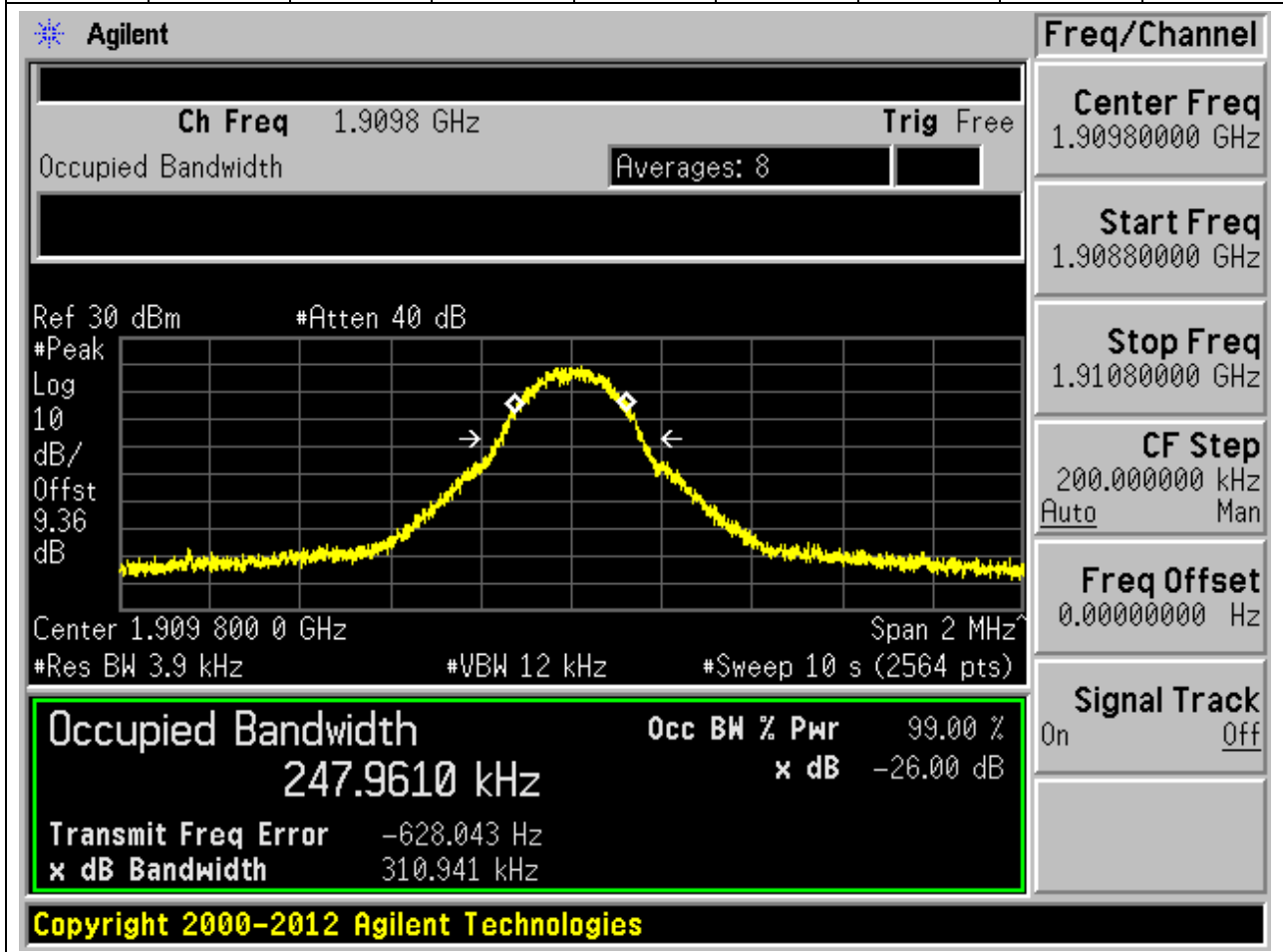
4.2. EGPRS Occupied Bandwidth(NTNV)(Channel:661)

| 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 | 0.248 | 0.31 | 0.3 | Pass |



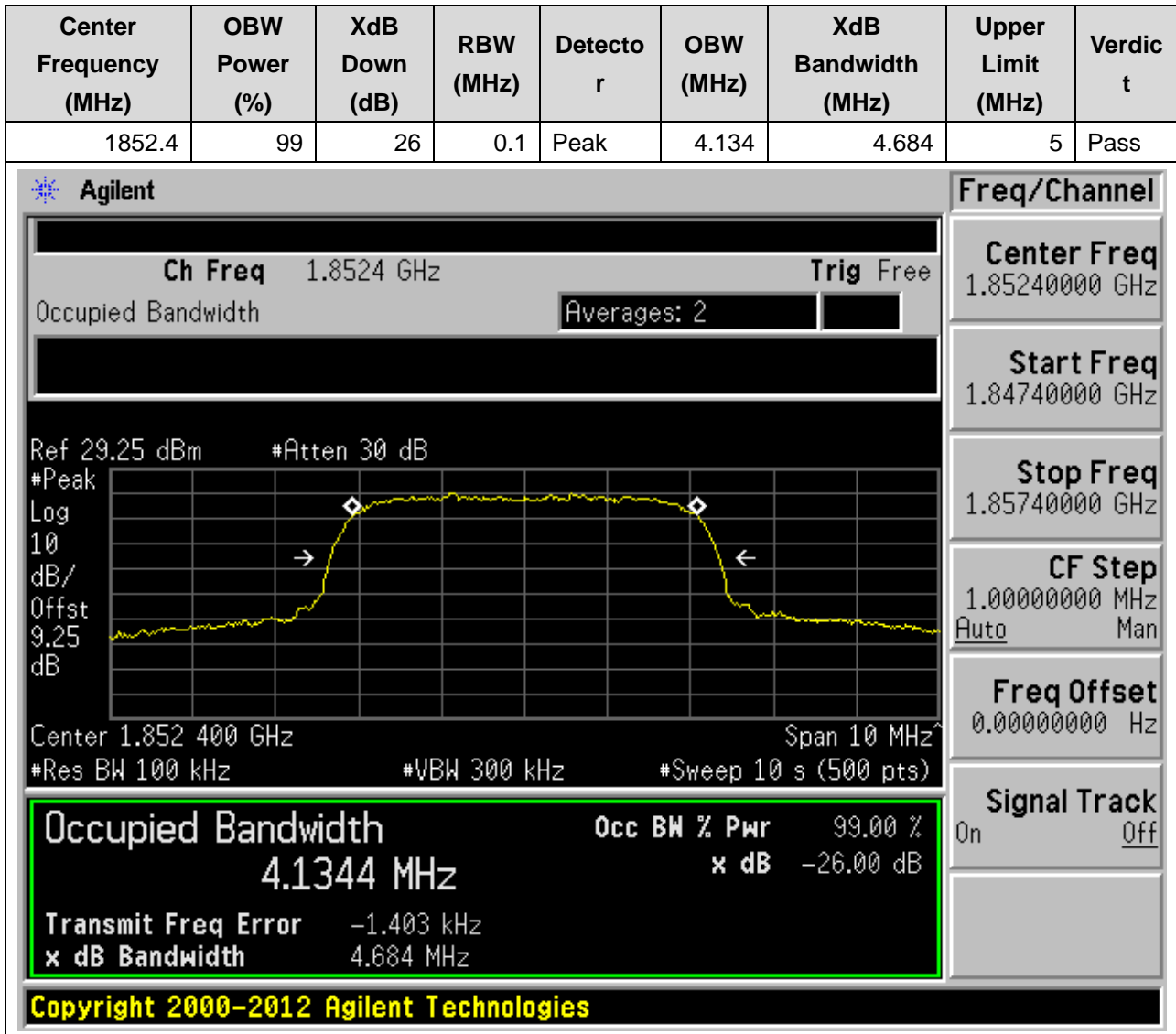
4.3. EGPRS Occupied Bandwidth(NTNV)(Channel:810)

| 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 | 0.248 | 0.311 | 0.3 | Pass |



5. WCDMA_Band2

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.1 | Peak | 4.139 | 4.688 | 5 | Pass |

Agilent

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 dBm #Atten 30 dB

Center 1.880 000 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.1390 MHz x dB -26.00 dB

Transmit Freq Error -3.247 kHz

x dB Bandwidth 4.688 MHz

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Freq/Channel

Center Freq 1.88000000 GHz

Start Freq 1.87500000 GHz

Stop Freq 1.88500000 GHz

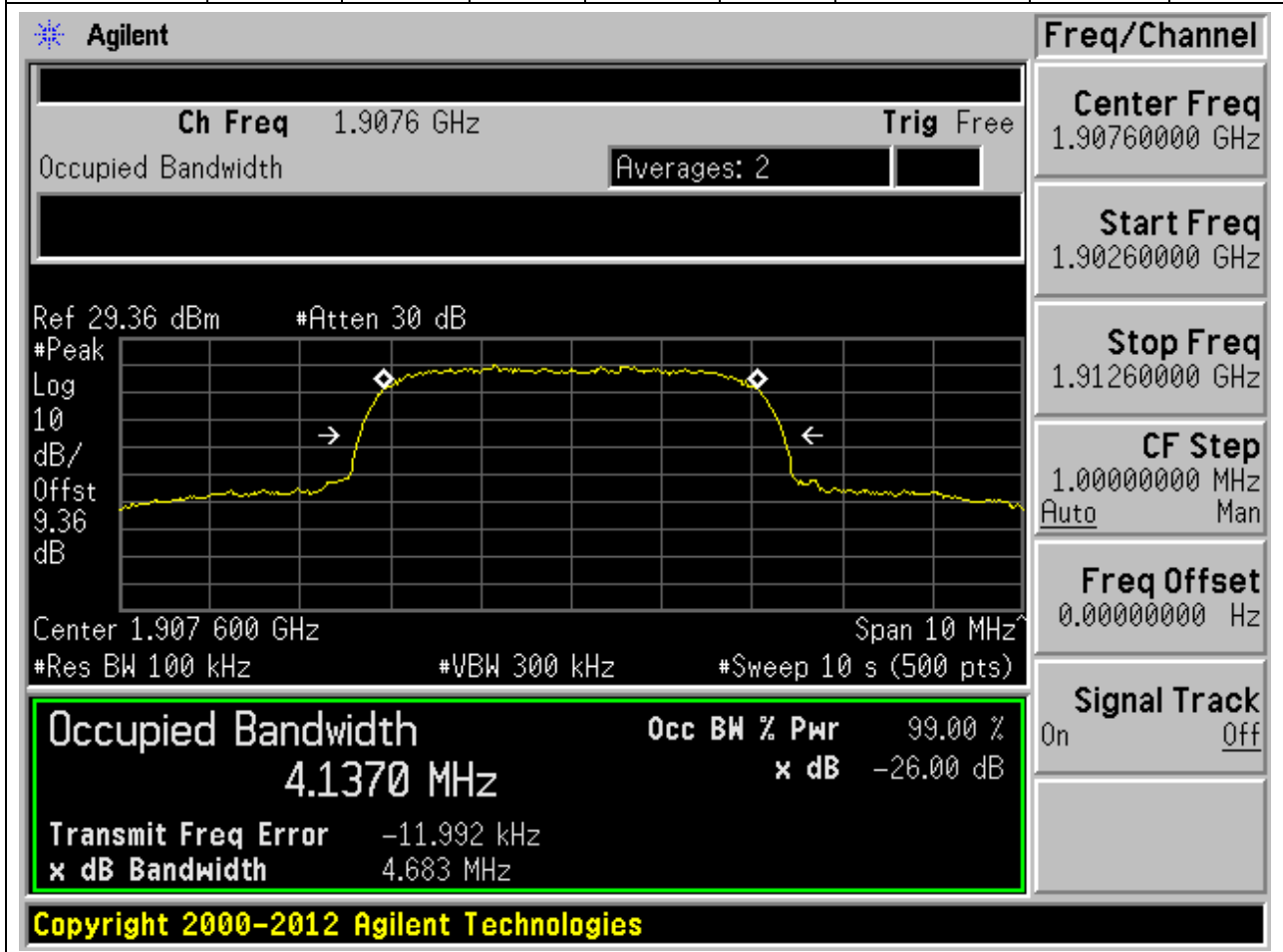
CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

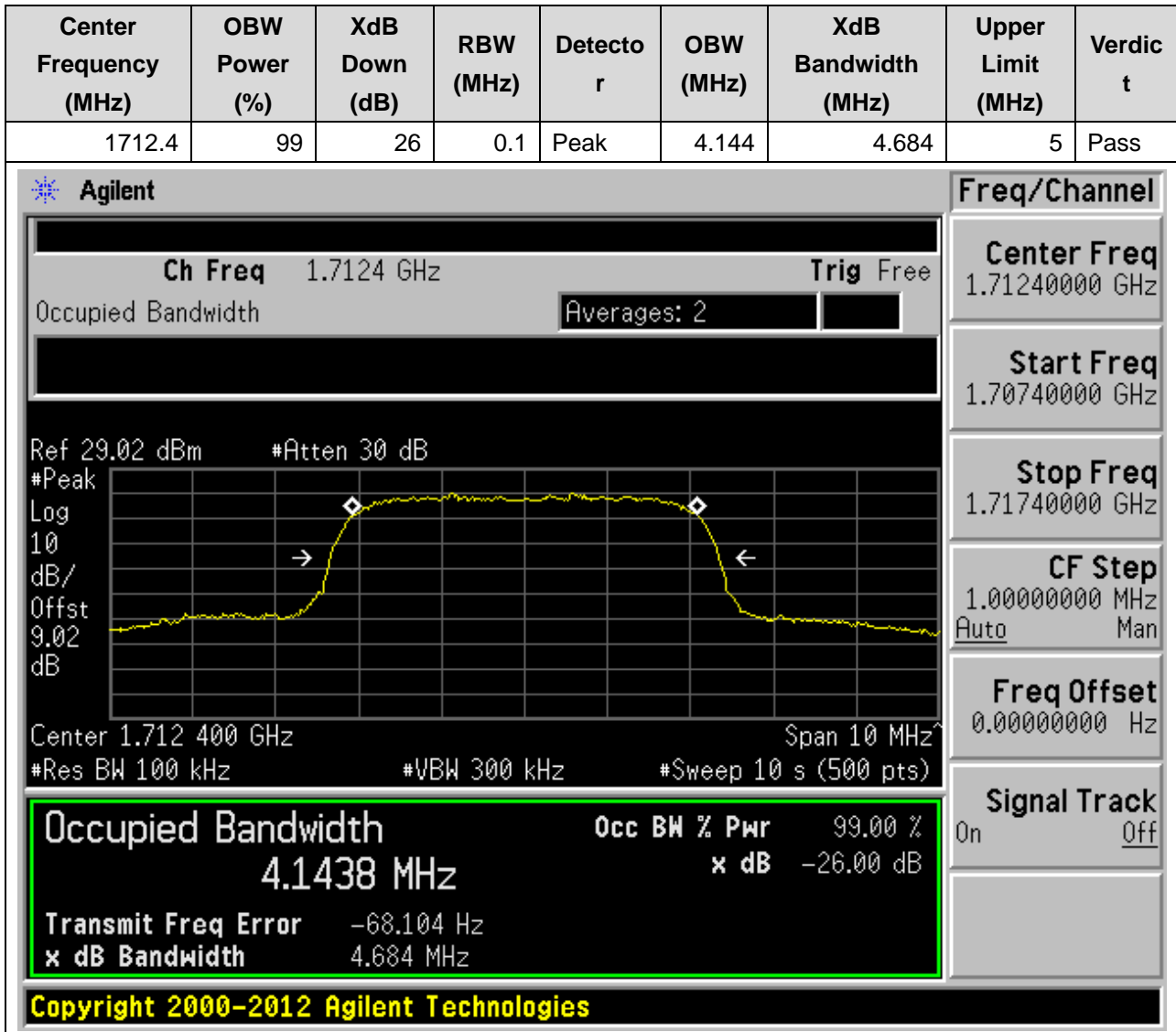
5.3. WCDMA Occupied Bandwidth(NTNV)(Channel:9538)

| 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 | 4.137 | 4.683 | 5 | Pass |



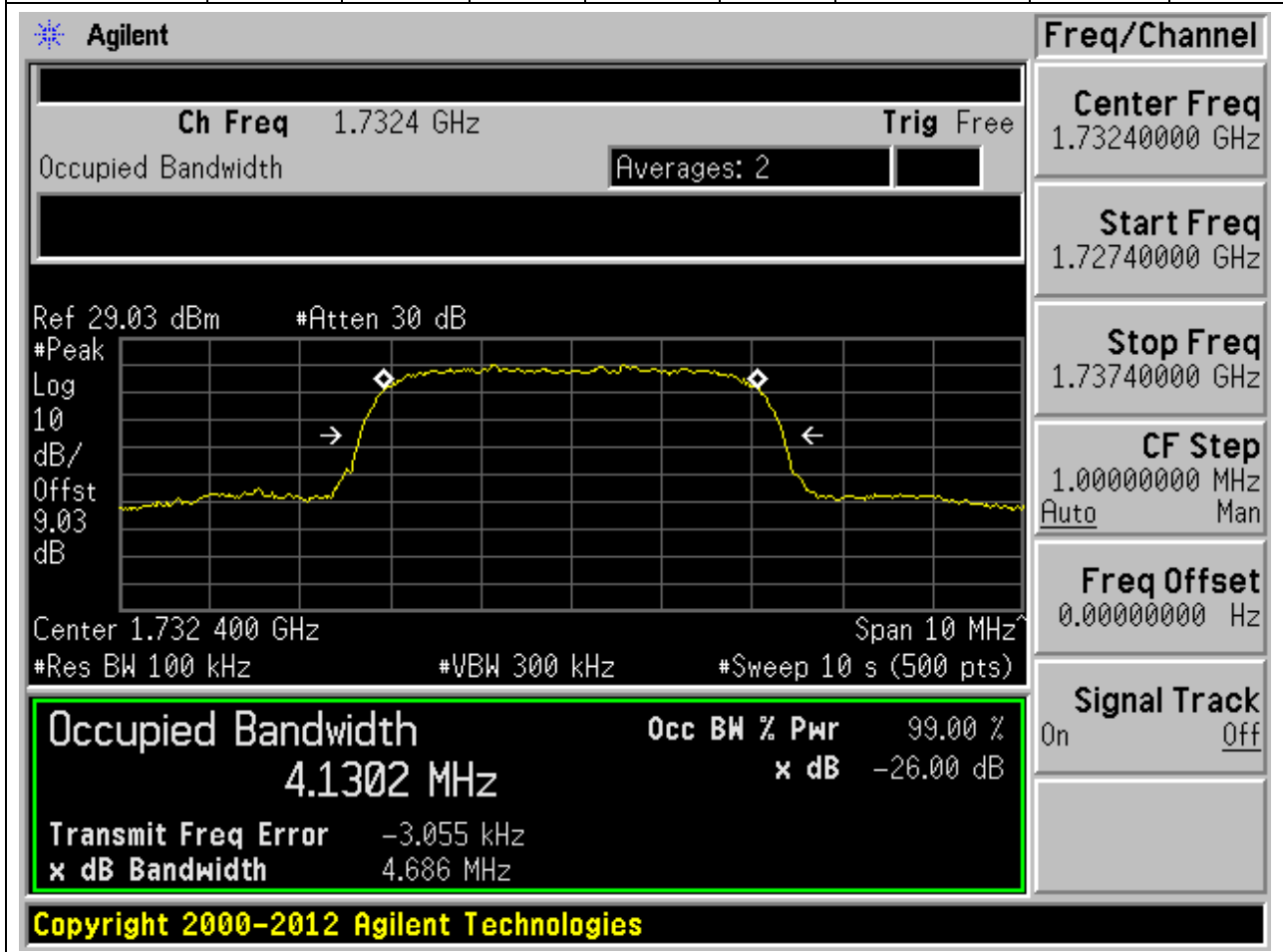
6. WCDMA_Band4

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



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 | 4.13 | 4.686 | 5 | Pass |



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 | 4.139 | 4.675 | 5 | Pass |

Agilent

Ch Freq 1.7526 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

Center 1.752 600 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.1395 MHz x dB -26.00 dB

Transmit Freq Error -5.647 kHz

x dB Bandwidth 4.675 MHz

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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

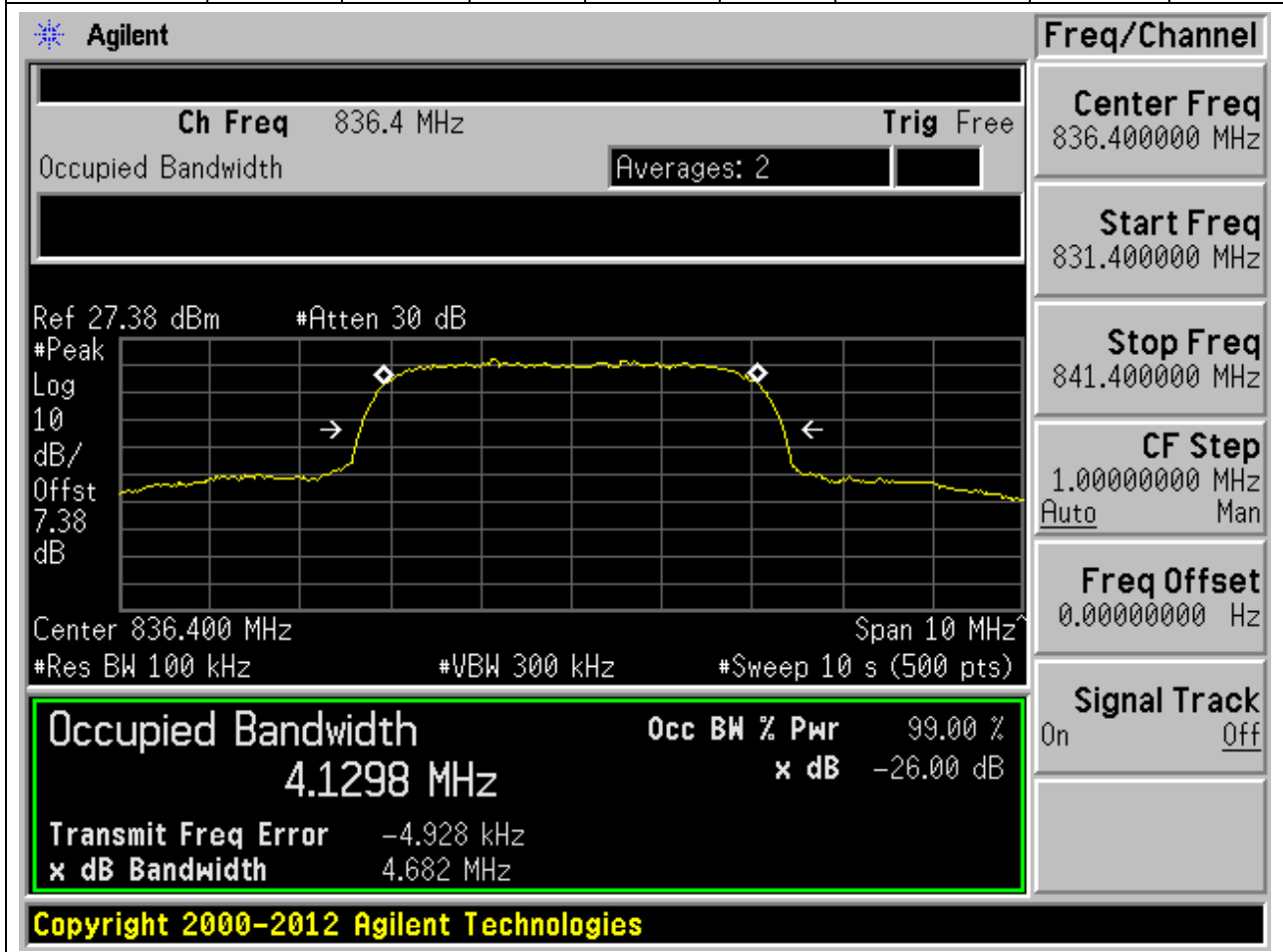
7. WCDMA_Band5

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.4 | 99 | 26 | 0.1 | Peak | 4.13 | 4.682 | 5 | Pass |



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 | 4.135 | 4.684 | 5 | Pass |

Agilent

Ch Freq 846.6 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 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 %

4.1350 MHz x dB -26.00 dB

Transmit Freq Error -1.027 kHz

x dB Bandwidth 4.684 MHz

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Freq/Channel

Center Freq 846.600000 MHz

Start Freq 841.600000 MHz

Stop Freq 851.600000 MHz

CF Step 1.00000000 MHz

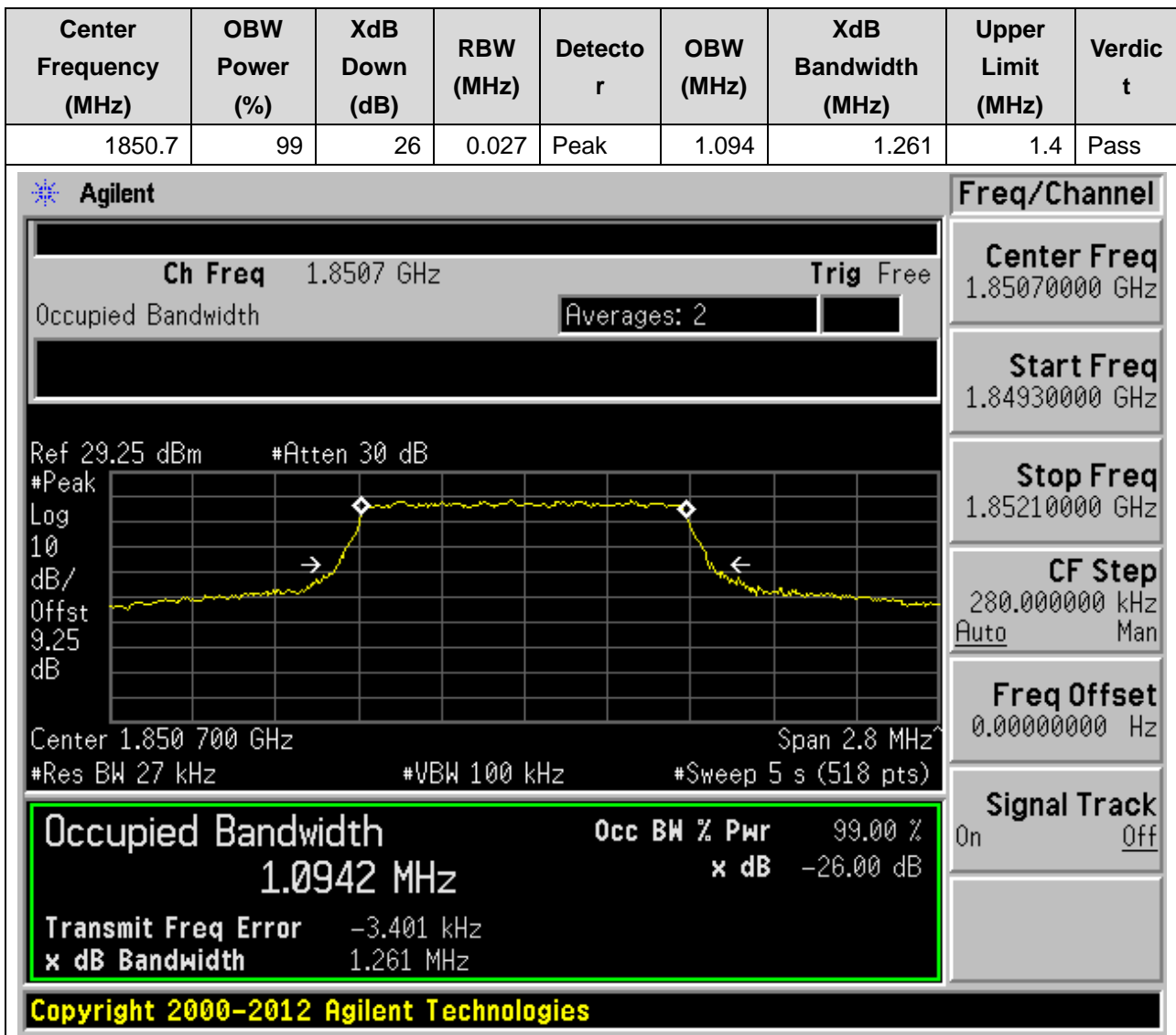
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

8. LTE_Band2

8.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1850.7 | 99 | 26 | 0.027 | Peak | 1.098 | 1.259 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8507 GHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq 1.85070000 GHz

Start Freq 1.84930000 GHz

Stop Freq 1.85210000 GHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 29.25 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.25 dB

Center 1.850 700 GHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0977 MHz x dB -26.00 dB

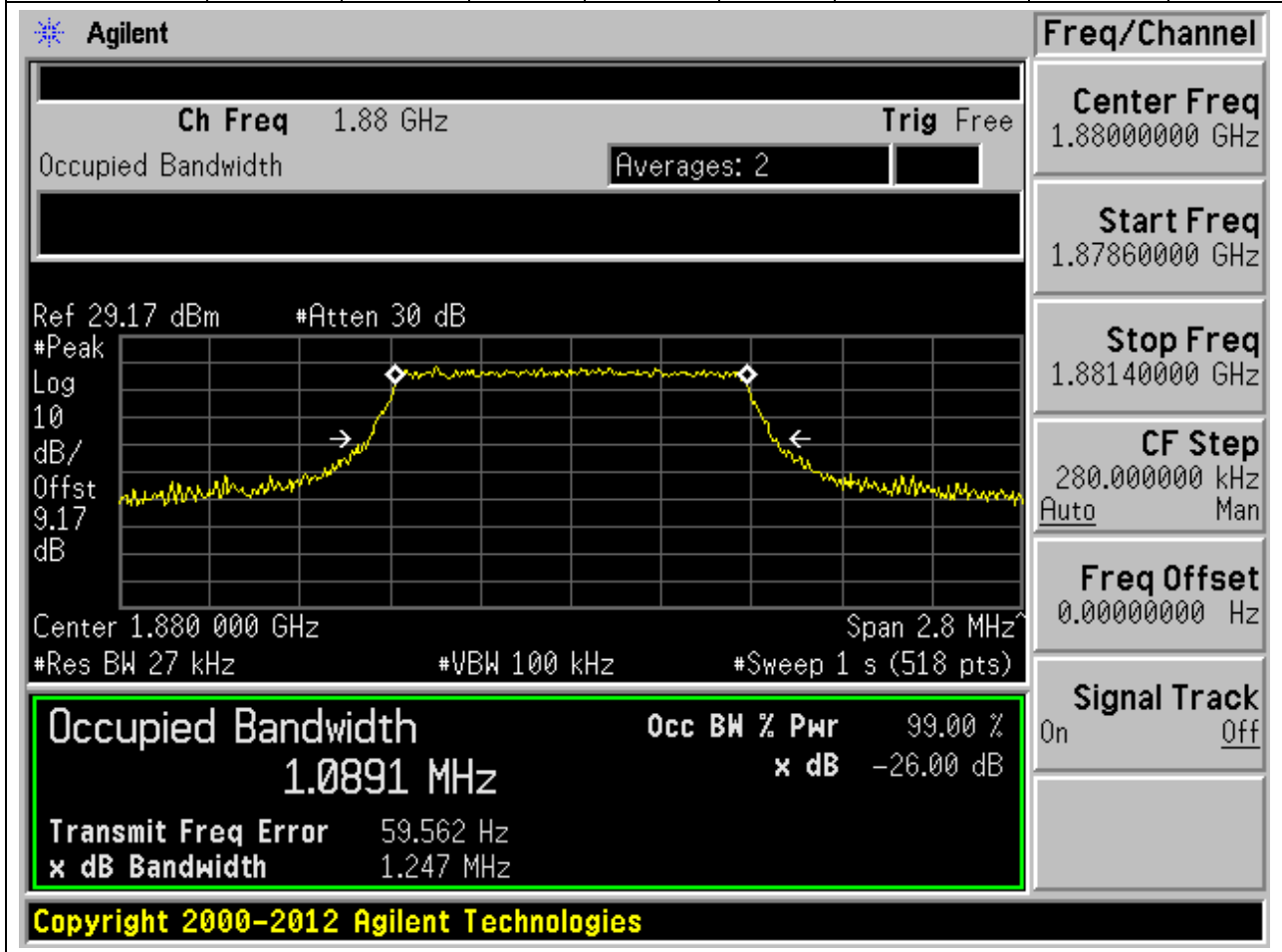
Transmit Freq Error 755.794 Hz

x dB Bandwidth 1.259 MHz

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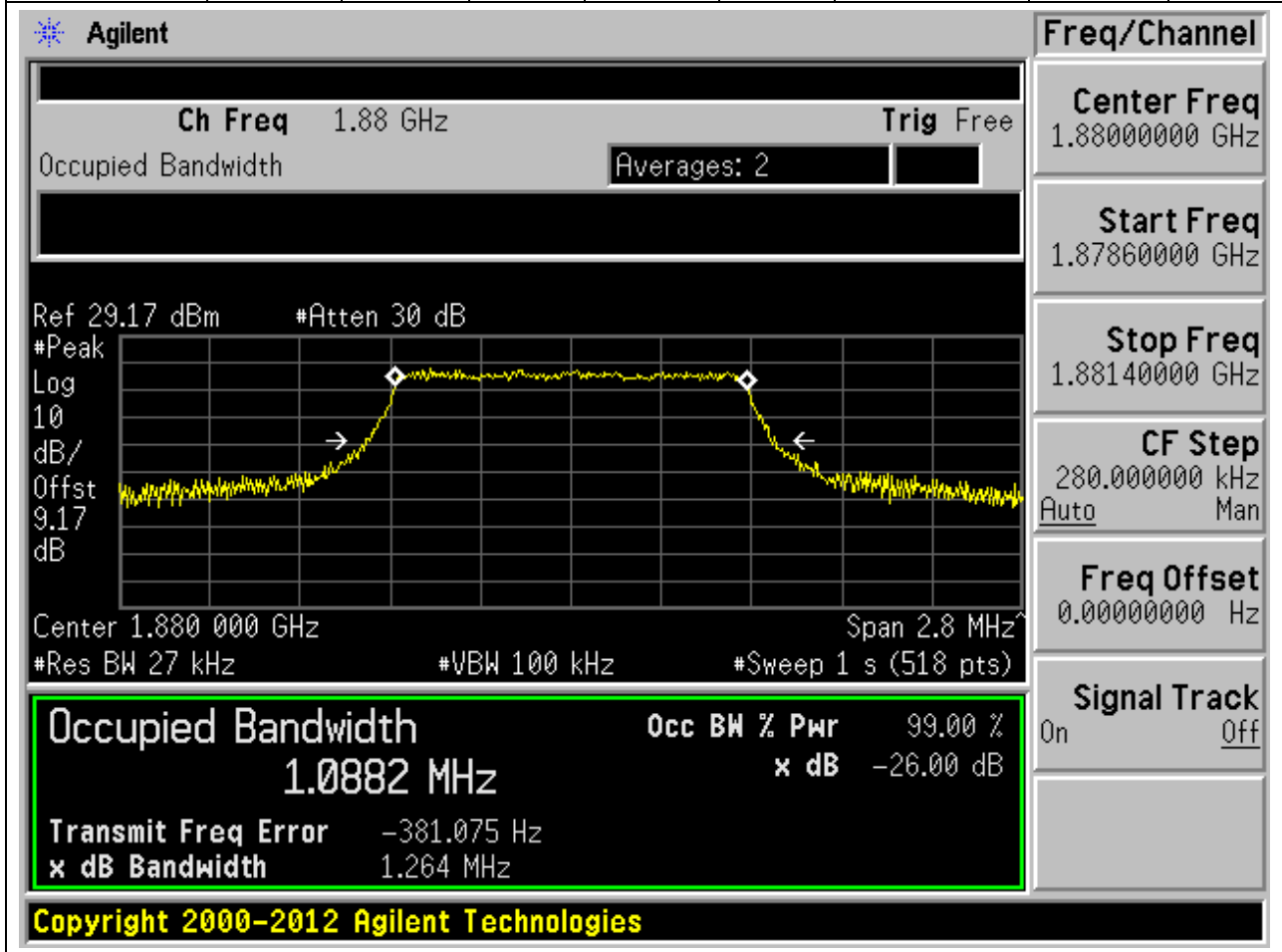
8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.027 | Peak | 1.089 | 1.247 | 1.4 | Pass |



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.027 | Peak | 1.088 | 1.264 | 1.4 | Pass |



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1909.3 | 99 | 26 | 0.027 | Peak | 1.094 | 1.257 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9093 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.36 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.36 dB

Center 1.909 300 GHz Span 2.8 MHz

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

Center Freq 1.90930000 GHz

Start Freq 1.90790000 GHz

Stop Freq 1.91070000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0942 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -126.541 Hz

x dB Bandwidth 1.257 MHz

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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 | 1.094 | 1.254 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9093 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.36 dBm #Atten 30 dB

Center 1.909 300 GHz Span 2.8 MHz

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

Center Freq 1.90930000 GHz

Start Freq 1.90790000 GHz

Stop Freq 1.91070000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0942 MHz x dB -26.00 dB

Transmit Freq Error -1.995 kHz

x dB Bandwidth 1.254 MHz

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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 | 2.719 | 3.046 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8515 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.25 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.25 dB

Center 1.851 500 GHz Span 6 MHz

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

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

2.7194 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 711.701 Hz

x dB Bandwidth 3.046 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)

| 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 | 2.715 | 3.037 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8515 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.851 500 GHz Span 6 MHz
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

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

2.7150 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -573.262 Hz

x dB Bandwidth 3.037 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.062 | Peak | 2.708 | 3.035 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq 1.88000000 GHz

Start Freq 1.87700000 GHz

Stop Freq 1.88300000 GHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 29.17 dBm #Atten 30 dB

Center 1.880 000 GHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7080 MHz x dB -26.00 dB

Transmit Freq Error 250.439 Hz

x dB Bandwidth 3.035 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.062 | Peak | 2.706 | 3.048 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq
1.88000000 GHz

Start Freq
1.87700000 GHz

Stop Freq
1.88300000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
2.7058 MHz

Transmit Freq Error -2.892 kHz

x dB Bandwidth 3.048 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1908.5 | 99 | 26 | 0.062 | Peak | 2.715 | 3.053 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9085 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.36 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.36 dB

Center 1.908 500 GHz Span 6 MHz

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

Center Freq 1.90850000 GHz

Start Freq 1.90550000 GHz

Stop Freq 1.91150000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7149 MHz x dB -26.00 dB

Transmit Freq Error -4.136 kHz

x dB Bandwidth 3.053 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1908.5 | 99 | 26 | 0.062 | Peak | 2.708 | 3.075 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9085 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.36 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.36 dB

Center 1.908 500 GHz Span 6 MHz

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

Center Freq 1.90850000 GHz

Start Freq 1.90550000 GHz

Stop Freq 1.91150000 GHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

2.7083 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -6.731 kHz

x dB Bandwidth 3.075 MHz

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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 | 4.509 | 4.977 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.25 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

4.5092 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -5.386 kHz

x dB Bandwidth 4.977 MHz

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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 | 4.498 | 4.958 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.25 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

4.4983 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.019 kHz

x dB Bandwidth 4.958 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)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.1 | Peak | 4.508 | 5.019 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.17 dB

Center 1.880 000 GHz Span 10 MHz

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

Center Freq 1.88000000 GHz

Start Freq 1.87500000 GHz

Stop Freq 1.88500000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5077 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.561 kHz

x dB Bandwidth 5.019 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.1 | Peak | 4.507 | 5.012 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.17

dB

Center 1.880 000 GHz Span 10 MHz

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

Center Freq
1.88000000 GHz

Start Freq
1.87500000 GHz

Stop Freq
1.88500000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.5072 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -2.743 kHz |
| x dB Bandwidth | | 5.012 MHz |

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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 | 4.495 | 4.951 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9075 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.36 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.36

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 | Occ BW % Pwr | 99.00 % |
| 4.4953 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -5.541 kHz |
| x dB Bandwidth | | 4.951 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)

| 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 | 4.509 | 5 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9075 GHz Trig Free

Occupied Bandwidth Averages: 2

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

4.5085 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -6.881 kHz

x dB Bandwidth 5.000 MHz

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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 | 8.989 | 9.894 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.855 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.25 dBm
#Atten 30 dB

#Peak
 Log
 10
 dB/
 Offst
 9.25
 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 % |
| 8.9887 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 2.801 kHz | |
| x dB Bandwidth | 9.894 MHz | |

Signal Track
On Off

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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 | 8.968 | 9.915 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.855 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.25 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.25 dB

Center 1.855 00 GHz Span 20 MHz

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

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9678 MHz x dB -26.00 dB

Transmit Freq Error 5.858 kHz

x dB Bandwidth 9.915 MHz

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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 | 8.959 | 9.856 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.17 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.17

dB

Center 1.880 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9586 MHz x dB -26.00 dB

Transmit Freq Error 5.683 kHz

x dB Bandwidth 9.856 MHz

Signal Track

On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.2 | Peak | 8.991 | 9.926 | 10 | Pass |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line indicating the occupied bandwidth. The central frequency is 1.88 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 8.9913 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 3.808 kHz. The XdB bandwidth is 9.926 MHz. The interface also shows various settings such as Res BW (200 kHz), VBW (620 kHz), and Sweep (1 s, 500 pts).

| Occupied Bandwidth | | Occ BW % Pwr | 99.00 % |
|---------------------|--|--------------|-----------|
| 8.9913 MHz | | x dB | -26.00 dB |
| Transmit Freq Error | | 3.808 kHz | |
| x dB Bandwidth | | 9.926 MHz | |

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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 | 8.981 | 9.908 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.905 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.35 dBm
#Atten 30 dB

#Peak Log 10 dB/Offst 9.35 dB

Center 1.905 00 GHz
Span 20 MHz

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9814 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -13.889 kHz | |
| x dB Bandwidth | 9.908 MHz | |

Signal Track
On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1905 | 99 | 26 | 0.2 | Peak | 8.976 | 9.936 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.905 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.35 dBm #Atten 30 dB

Center 1.905 00 GHz Span 20 MHz

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

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

8.9762 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -9.875 kHz

x dB Bandwidth 9.936 MHz

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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 | 13.502 | 14.941 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8575 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.25 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.25

dB

Center 1.857 50 GHz Span 30 MHz

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

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 % |
| 13.5021 MHz | x dB -26.00 dB |
| Transmit Freq Error | -10.268 kHz |
| x dB Bandwidth | 14.941 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 | 13.515 | 14.995 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.8575 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.25 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.25

dB

Center 1.857 50 GHz Span 30 MHz

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

| | |
|---------------------------------------|-----------------------------|
| Occupied Bandwidth | Occ BW % Pwr 99.00 % |
| 13.5149 MHz | x dB -26.00 dB |
| Transmit Freq Error -2.755 kHz | |
| x dB Bandwidth 14.995 MHz | |

Signal Track

On Off

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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 | 13.476 | 14.866 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.17 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.17

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 % |
| 13.4755 MHz | x dB -26.00 dB |
| Transmit Freq Error -5.440 kHz | |
| x dB Bandwidth 14.866 MHz | |

Signal Track

On
Off

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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 | 13.529 | 15.094 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.17

dB

Center 1.880 00 GHz Span 30 MHz

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

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 13.5285 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -2.628 kHz | |
| x dB Bandwidth | 15.094 MHz | |

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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 | 13.458 | 14.951 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9025 GHz **Trig** Free

Occupied Bandwidth **Averages:** 2

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

Ref 29.34 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 % |
| 13.4580 MHz | x dB -26.00 dB |
| Transmit Freq Error -11.045 kHz | |
| x dB Bandwidth 14.951 MHz | |

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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 | 13.504 | 14.901 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9025 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 29.34 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 % |
| 13.5035 MHz | x dB -26.00 dB |
| Transmit Freq Error -5.182 kHz | |
| x dB Bandwidth 14.901 MHz | |

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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 | 17.963 | 19.629 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.86 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.25 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.25

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 %

17.9634 MHz
x dB -26.00 dB

Transmit Freq Error -12.927 kHz

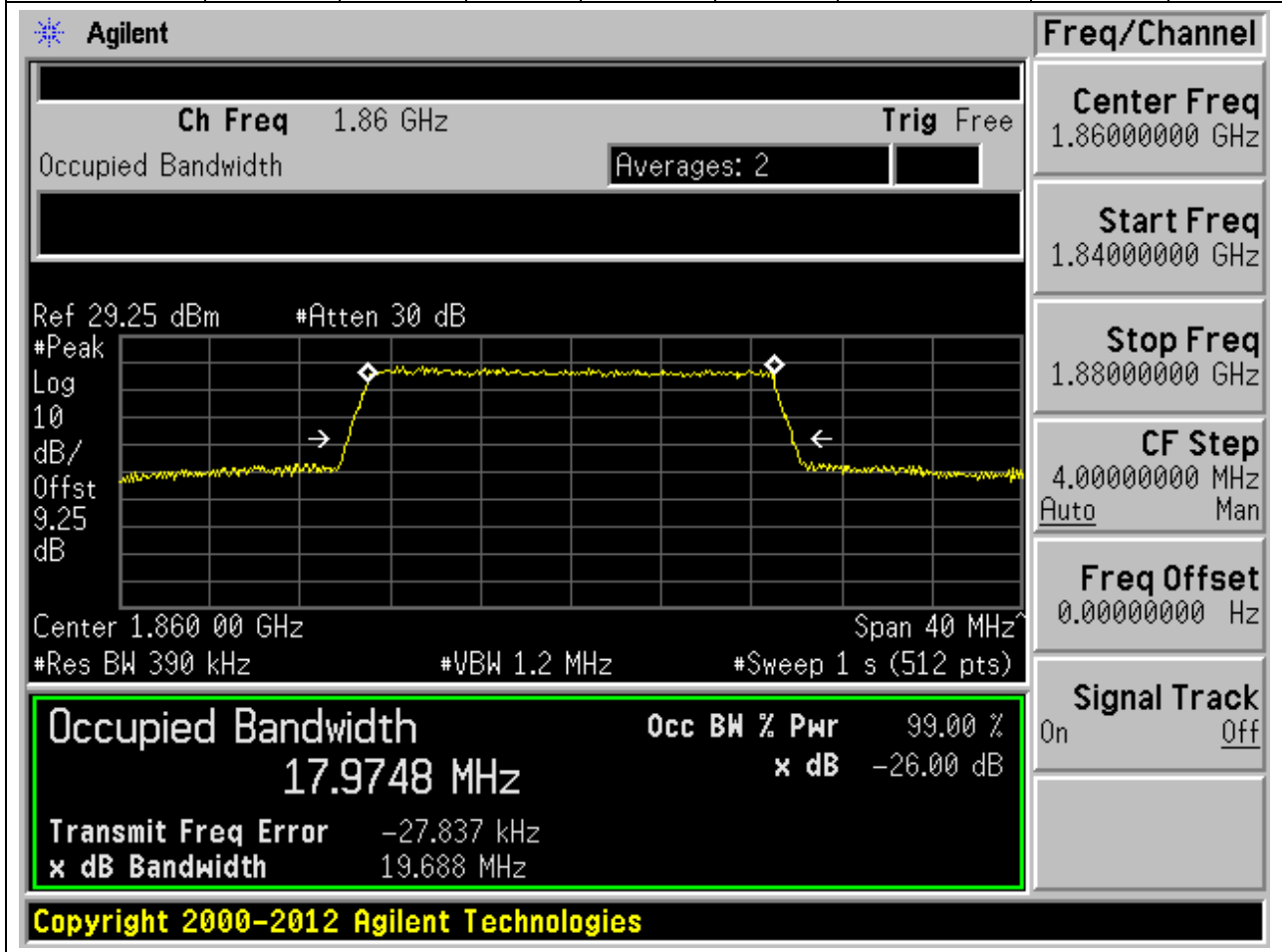
x dB Bandwidth 19.629 MHz

Signal Track
On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1860 | 99 | 26 | 0.39 | Peak | 17.975 | 19.688 | 20 | Pass |



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.39 | Peak | 17.983 | 19.737 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.17 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.17 dB

Center 1.880 00 GHz Span 40 MHz

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

Center Freq 1.88000000 GHz

Start Freq 1.86000000 GHz

Stop Freq 1.90000000 GHz

CF Step 4.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9833 MHz x dB -26.00 dB

Transmit Freq Error 13.326 kHz

x dB Bandwidth 19.737 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880 | 99 | 26 | 0.39 | Peak | 18 | 19.805 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.17 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.17

dB

Center 1.880 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 %

18.0004 MHz **x dB** -26.00 dB

Transmit Freq Error -7.866 kHz

x dB Bandwidth 19.805 MHz

Signal Track

On Off

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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 | 17.955 | 19.81 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.9 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.34 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.34

dB

Center 1.900 00 GHz Span 40 MHz

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

Center Freq
1.90000000 GHz

Start Freq
1.88000000 GHz

Stop Freq
1.92000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

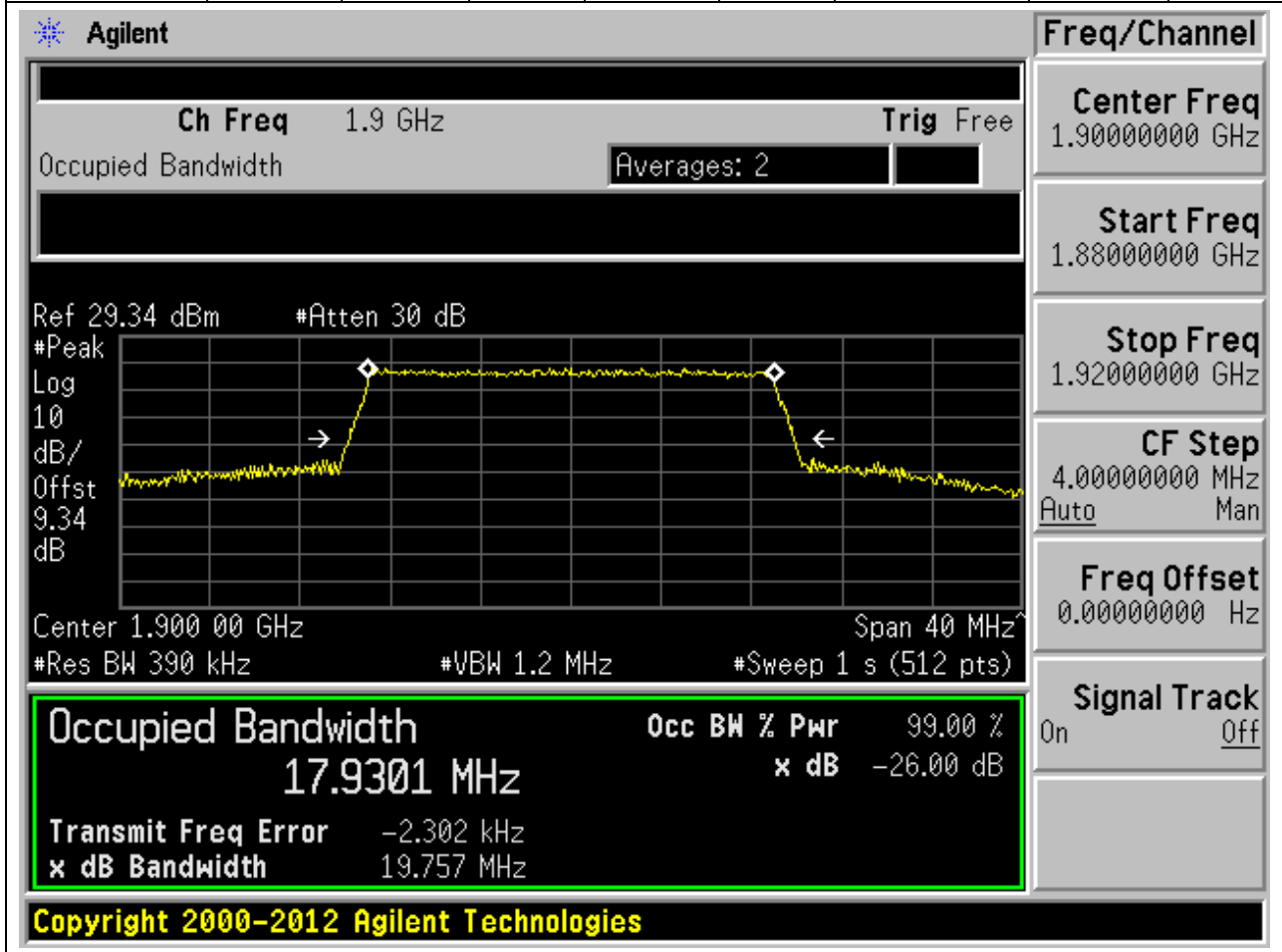
Signal Track
On Off

| | | |
|----------------------------|---------------------|-------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 17.9546 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -38.420 kHz |
| x dB Bandwidth | | 19.810 MHz |

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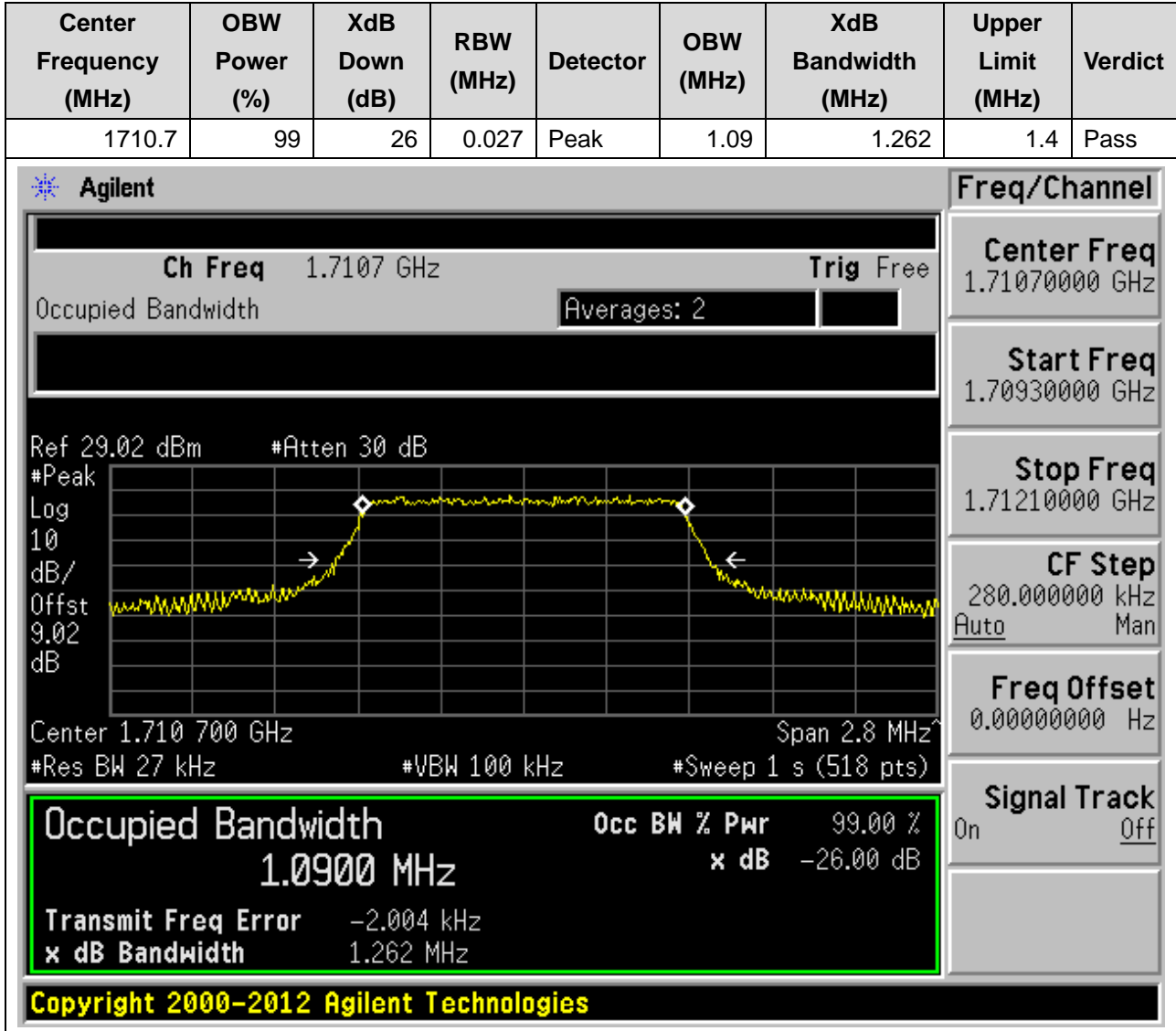
8.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1900 | 99 | 26 | 0.39 | Peak | 17.93 | 19.757 | 20 | Pass |



9. LTE_Band4

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1710.7 | 99 | 26 | 0.027 | Peak | 1.1 | 1.255 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7107 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.02

dB

Center 1.710 700 GHz Span 2.8 MHz

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

Center Freq
1.71070000 GHz

Start Freq
1.70930000 GHz

Stop Freq
1.71210000 GHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.1005 MHz x dB -26.00 dB

Transmit Freq Error 67.226 Hz

x dB Bandwidth 1.255 MHz

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

| 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 | 1.093 | 1.25 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.732 500 GHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0927 MHz x dB -26.00 dB

Transmit Freq Error -678.657 Hz

x dB Bandwidth 1.250 MHz

Signal Track

On Off

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

| 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 | 1.088 | 1.243 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.03 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 %

1.0883 MHz x dB -26.00 dB

Transmit Freq Error -1.033 kHz

x dB Bandwidth 1.243 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1754.3 | 99 | 26 | 0.027 | Peak | 1.094 | 1.254 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7543 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.06 dB

Center 1.754 300 GHz Span 2.8 MHz

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

Center Freq 1.75430000 GHz

Start Freq 1.75290000 GHz

Stop Freq 1.75570000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0945 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -251.438 Hz

x dB Bandwidth 1.254 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1754.3 | 99 | 26 | 0.027 | Peak | 1.091 | 1.246 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7543 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.754 300 GHz Span 2.8 MHz

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

Center Freq 1.75430000 GHz

Start Freq 1.75290000 GHz

Stop Freq 1.75570000 GHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0909 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -919.551 Hz

x dB Bandwidth 1.246 MHz

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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 | 2.714 | 3.032 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7115 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.02 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.02

dB

Center 1.711 500 GHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7138 MHz x dB -26.00 dB

Transmit Freq Error 367.988 Hz

x dB Bandwidth 3.032 MHz

Signal Track

On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1711.5 | 99 | 26 | 0.062 | Peak | 2.715 | 3.053 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.02 dB

Center 1.711 500 GHz Span 6 MHz

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

Center Freq 1.71150000 GHz

Start Freq 1.70850000 GHz

Stop Freq 1.71450000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

2.7150 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -1.357 kHz

x dB Bandwidth 3.053 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5 | 99 | 26 | 0.062 | Peak | 2.715 | 3.021 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 9.03 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 | Occ BW % Pwr | 99.00 % |
| 2.7147 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | -1.004 kHz | |
| x dB Bandwidth | 3.021 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 | 2.707 | 3.055 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.03 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

2.7074 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.953 kHz

x dB Bandwidth 3.055 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 | 2.713 | 3.053 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 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

2.7127 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.001 kHz

x dB Bandwidth 3.053 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 | 2.711 | 3.049 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.06

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 Occ BW % Pwr 99.00 %

2.7110 MHz x dB -26.00 dB

Transmit Freq Error -3.997 kHz

x dB Bandwidth 3.049 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 | 4.508 | 5.012 | 5 | Pass |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 1.7125 GHz with a span of 10 MHz. The signal level is approximately 29.02 dBm, and the attenuation is 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 4.5076 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. The transmit frequency error is -4.990 kHz, and the XdB bandwidth is 5.012 MHz. The interface also shows various settings such as Res BW (100 kHz), VBW (300 kHz), and Sweep (1 s, 500 pts).

| Occupied Bandwidth | | Occ BW % Pwr | 99.00 % |
|---------------------|--|--------------|-----------|
| 4.5076 MHz | | x dB | -26.00 dB |
| Transmit Freq Error | | -4.990 kHz | |
| x dB Bandwidth | | 5.012 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)

| 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 | 4.506 | 4.962 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7125 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 29.02 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

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

4.5059 MHz **x dB** -26.00 dB

Transmit Freq Error -2.521 kHz

x dB Bandwidth 4.962 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5 | 99 | 26 | 0.1 | Peak | 4.5 | 4.986 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

Center 1.732 500 GHz Span 10 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.72750000 GHz

Stop Freq 1.73750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5002 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -5.954 kHz

x dB Bandwidth 4.986 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5 | 99 | 26 | 0.1 | Peak | 4.513 | 4.989 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.03 dB

Center 1.732 500 GHz Span 10 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.72750000 GHz

Stop Freq 1.73750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5125 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -1.166 kHz

x dB Bandwidth 4.989 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1752.5 | 99 | 26 | 0.1 | Peak | 4.498 | 4.951 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.06 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

4.4975 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -5.235 kHz

x dB Bandwidth 4.951 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1752.5 | 99 | 26 | 0.1 | Peak | 4.517 | 4.976 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7525 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.06 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.06

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 | Occ BW % Pwr | 99.00 % |
| 4.5170 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | -129.900 Hz | |
| x dB Bandwidth | 4.976 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715 | 99 | 26 | 0.2 | Peak | 8.986 | 9.893 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.715 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.715 00 GHz Span 20 MHz

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

Center Freq

1.71500000 GHz

Start Freq

1.70500000 GHz

Stop Freq

1.72500000 GHz

CF Step

2.00000000 MHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9857 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 12.971 kHz | |
| x dB Bandwidth | 9.893 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715 | 99 | 26 | 0.2 | Peak | 8.988 | 9.932 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.715 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB
 #Peak
 Log
 10
 dB/
 Offst
 9.03
 dB

Center 1.715 00 GHz
Span 20 MHz

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9884 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 18.440 kHz | |
| x dB Bandwidth | 9.932 MHz | |

Signal Track
On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5 | 99 | 26 | 0.2 | Peak | 8.979 | 9.871 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.732 50 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9785 MHz x dB -26.00 dB

Transmit Freq Error -6.263 kHz

x dB Bandwidth 9.871 MHz

Signal Track

On Off

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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 | 8.972 | 9.892 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

Center 1.732 50 GHz Span 20 MHz

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

Center Freq 1.73250000 GHz

Start Freq 1.72250000 GHz

Stop Freq 1.74250000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9718 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 3.996 kHz

x dB Bandwidth 9.892 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 | 8.996 | 9.921 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.75 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.05 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.05

dB

Center 1.750 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9956 MHz x dB -26.00 dB

Transmit Freq Error -6.908 kHz

x dB Bandwidth 9.921 MHz

Signal Track

On Off

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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 | 8.988 | 9.954 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.75 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.05 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.05 dB

Center 1.750 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9881 MHz x dB -26.00 dB

Transmit Freq Error -15.867 kHz

x dB Bandwidth 9.954 MHz

Signal Track On Off

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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 | 13.529 | 14.887 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 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

13.5293 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 31.565 kHz

x dB Bandwidth 14.887 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 | 13.508 | 14.913 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7175 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.04

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 %

13.5078 MHz x dB -26.00 dB

Transmit Freq Error 24.489 kHz

x dB Bandwidth 14.913 MHz

Signal Track

On Off

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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 | 13.438 | 14.851 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 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 | 2.323 kHz | |
| x dB Bandwidth | 14.851 MHz | |

| | |
|---------------------|----------------|
| CF Step | 3.00000000 MHz |
| | Auto Man |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On Off |

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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 | 13.475 | 14.986 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

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 %

13.4753 MHz x dB -26.00 dB

Transmit Freq Error -11.632 kHz

x dB Bandwidth 14.986 MHz

Signal Track

On Off

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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 | 13.496 | 15.024 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7475 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.04

dB

Center 1.747 50 GHz Span 30 MHz

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

| | |
|----------------------------|-----------------------------|
| Occupied Bandwidth | Occ BW % Pwr 99.00 % |
| 13.4965 MHz | x dB -26.00 dB |
| Transmit Freq Error | -29.423 kHz |
| x dB Bandwidth | 15.024 MHz |

| | |
|---------------------|----------------|
| Freq Offset | 0.00000000 Hz |
| CF Step | 3.00000000 MHz |
| | Auto Man |
| Signal Track | On Off |

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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 | 13.535 | 14.913 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7475 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 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

13.5348 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -33.135 kHz

x dB Bandwidth 14.913 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720 | 99 | 26 | 0.39 | Peak | 17.96 | 19.589 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.72 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.04

dB

Center 1.720 00 GHz Span 40 MHz

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

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 % | | | | |
| 17.9596 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">47.772 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.589 MHz</td> </tr> </table> | | | Transmit Freq Error | 47.772 kHz | x dB Bandwidth | 19.589 MHz |
| Transmit Freq Error | 47.772 kHz | | | | | |
| x dB Bandwidth | 19.589 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 | 17.952 | 19.638 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.72 GHz **Trig** Free

Occupied Bandwidth Averages: 2

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

Ref 29.04 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.04 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 %

17.9522 MHz **x dB** -26.00 dB

Transmit Freq Error 41.915 kHz

x dB Bandwidth 19.638 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 | 17.884 | 19.604 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 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
17.8839 MHz

Transmit Freq Error 8.864 kHz

x dB Bandwidth 19.604 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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 | 17.925 | 19.783 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.732 50 GHz Span 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9248 MHz x dB -26.00 dB

Transmit Freq Error -7.913 kHz

x dB Bandwidth 19.783 MHz

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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

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 | 17.993 | 19.742 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.745 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 % |
| 17.9929 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -67.994 kHz | |
| x dB Bandwidth | 19.742 MHz | |

| | | |
|---------------------|----------------|-------------|
| CF Step | 4.00000000 MHz | Auto Man |
| Freq Offset | 0.00000000 Hz | |
| Signal Track | On Off | |

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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 | 17.992 | 19.577 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.745 00 GHz Span 40 MHz

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

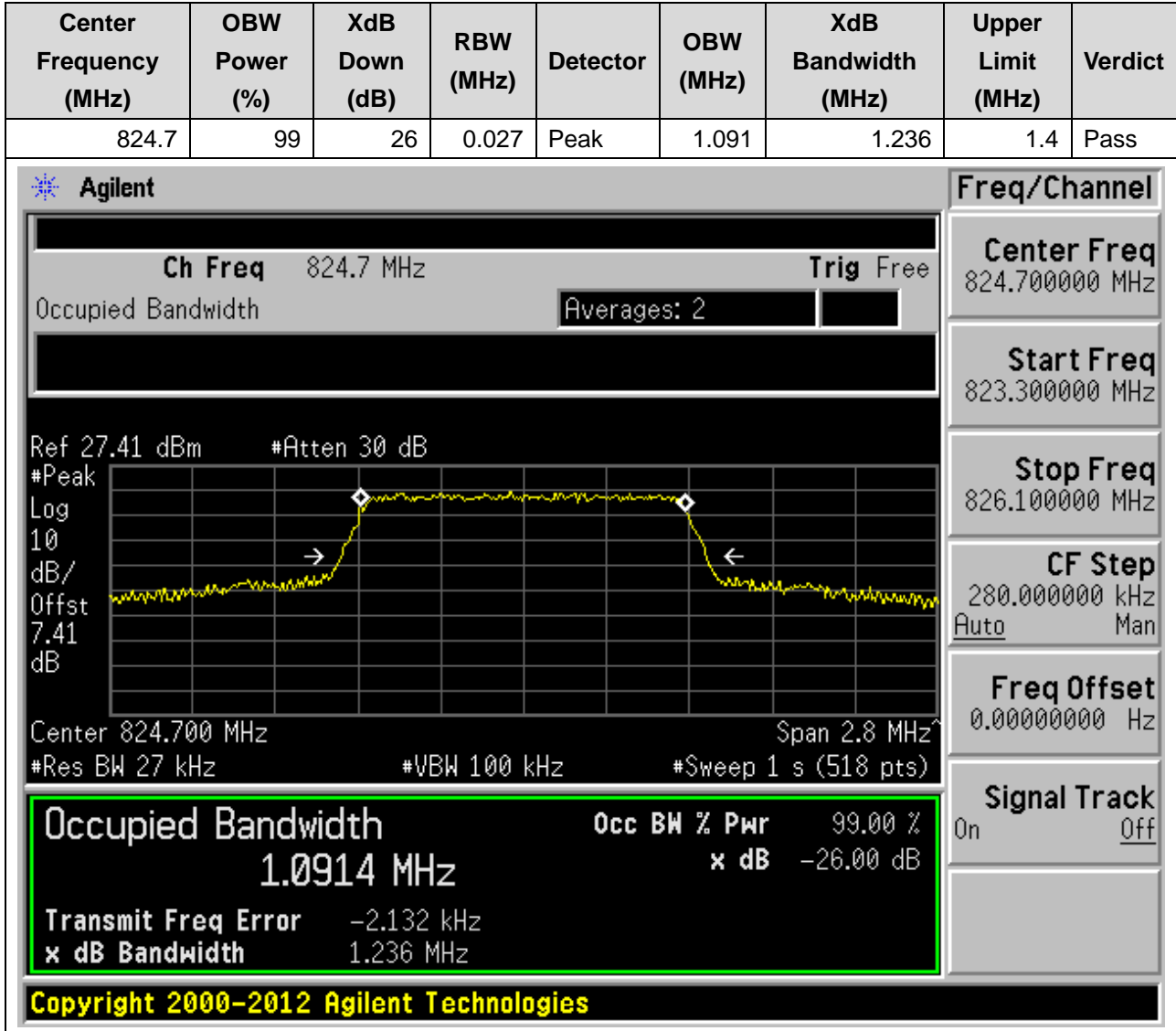
| | | | | | | |
|--|---------------------|-----------|---------------------|-------------|----------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % | | | | |
| 17.9925 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">-34.128 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.577 MHz</td> </tr> </table> | | | Transmit Freq Error | -34.128 kHz | x dB Bandwidth | 19.577 MHz |
| Transmit Freq Error | -34.128 kHz | | | | | |
| x dB Bandwidth | 19.577 MHz | | | | | |

| | |
|---------------------|----------------|
| CF Step | 4.00000000 MHz |
| Auto Man | |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On Off |

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10. LTE_Band5

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 824.7 | 99 | 26 | 0.027 | Peak | 1.094 | 1.259 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 824.7 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.41 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.41 dB

Center 824.700 MHz Span 2.8 MHz

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

Center Freq 824.700000 MHz

Start Freq 823.300000 MHz

Stop Freq 826.100000 MHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

| | | | | | | |
|---|---------------------|-----------|---------------------|-----------|----------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % | | | | |
| 1.0942 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">86.086 Hz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">1.259 MHz</td> </tr> </table> | | | Transmit Freq Error | 86.086 Hz | x dB Bandwidth | 1.259 MHz |
| Transmit Freq Error | 86.086 Hz | | | | | |
| x dB Bandwidth | 1.259 MHz | | | | | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5 | 99 | 26 | 0.027 | Peak | 1.092 | 1.244 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.38

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 %

1.0919 MHz x dB -26.00 dB

Transmit Freq Error -299.246 Hz

x dB Bandwidth 1.244 MHz

Signal Track

On Off

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

| 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 | 1.236 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.38 dB

Center 836.500 MHz Span 2.8 MHz

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

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 %

1.0886 MHz x dB -26.00 dB

Transmit Freq Error -444.006 Hz

x dB Bandwidth 1.236 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 848.3 | 99 | 26 | 0.027 | Peak | 1.092 | 1.252 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 848.3 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 7.39 dB

Center 848.300 MHz Span 2.8 MHz

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

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 % | | | | |
| 1.0920 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Transmit Freq Error</td> <td>506.247 Hz</td> </tr> <tr> <td>x dB Bandwidth</td> <td>1.252 MHz</td> </tr> </table> | | | Transmit Freq Error | 506.247 Hz | x dB Bandwidth | 1.252 MHz |
| Transmit Freq Error | 506.247 Hz | | | | | |
| x dB Bandwidth | 1.252 MHz | | | | | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 848.3 | 99 | 26 | 0.027 | Peak | 1.091 | 1.241 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 848.3 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 7.39 dB

Center 848.300 MHz Span 2.8 MHz

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

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 % |
| 1.0908 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | -450.072 Hz | |
| x dB Bandwidth | 1.241 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 825.5 | 99 | 26 | 0.062 | Peak | 2.712 | 3.033 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.41 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 7.41 dB

Center 825.500 MHz Span 6 MHz

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

Center Freq 825.500000 MHz

Start Freq 822.500000 MHz

Stop Freq 828.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

2.7117 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.484 kHz

x dB Bandwidth 3.033 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 825.5 | 99 | 26 | 0.062 | Peak | 2.717 | 3.053 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 825.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.41 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.41 dB

Center 825.500 MHz Span 6 MHz

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

Center Freq
825.500000 MHz

Start Freq
822.500000 MHz

Stop Freq
828.500000 MHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 2.7168 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -5.331 kHz |
| x dB Bandwidth | | 3.053 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5 | 99 | 26 | 0.062 | Peak | 2.709 | 3.025 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Center Freq 836.500000 MHz

Start Freq 833.500000 MHz

Stop Freq 839.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 27.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.38 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 %

2.7095 MHz x dB -26.00 dB

Transmit Freq Error -2.528 kHz

x dB Bandwidth 3.025 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5 | 99 | 26 | 0.062 | Peak | 2.706 | 3.049 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.38

dB

Center 836.500 MHz Span 6 MHz

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

Center Freq
836.500000 MHz

Start Freq
833.500000 MHz

Stop Freq
839.500000 MHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 2.7057 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -2.621 kHz |
| x dB Bandwidth | | 3.049 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 847.5 | 99 | 26 | 0.062 | Peak | 2.712 | 3.052 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 847.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.39 dB

Center 847.500 MHz Span 6 MHz

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

Center Freq 847.500000 MHz

Start Freq 844.500000 MHz

Stop Freq 850.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

| | | | | | | |
|--|---------------------|-----------|---------------------|------------|----------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % | | | | |
| 2.7115 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">142.024 Hz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">3.052 MHz</td> </tr> </table> | | | Transmit Freq Error | 142.024 Hz | x dB Bandwidth | 3.052 MHz |
| Transmit Freq Error | 142.024 Hz | | | | | |
| x dB Bandwidth | 3.052 MHz | | | | | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 847.5 | 99 | 26 | 0.062 | Peak | 2.71 | 3.051 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 847.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.39 dB

Center 847.500 MHz Span 6 MHz

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

Center Freq 847.500000 MHz

Start Freq 844.500000 MHz

Stop Freq 850.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

2.7101 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.044 kHz

x dB Bandwidth 3.051 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 826.5 | 99 | 26 | 0.1 | Peak | 4.518 | 4.977 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.41 dBm #Atten 30 dB

Center 826.500 MHz Span 10 MHz

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

Center Freq 826.500000 MHz

Start Freq 821.500000 MHz

Stop Freq 831.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5177 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.975 kHz

x dB Bandwidth 4.977 MHz

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

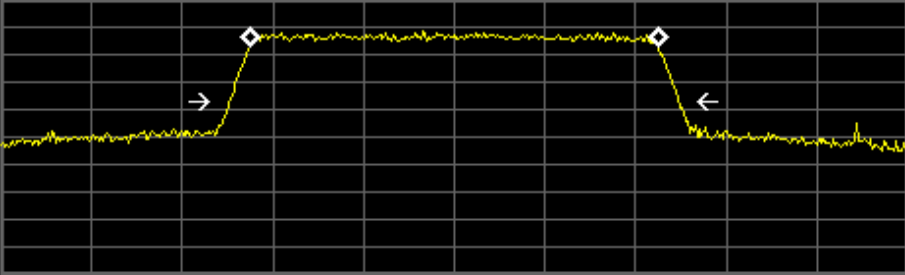
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 826.5 | 99 | 26 | 0.1 | Peak | 4.505 | 4.97 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.41 dBm
#Atten 30 dB

#Peak Log 10 dB/Offst 7.41 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 % |
| 4.5054 MHz | x dB -26.00 dB |
| Transmit Freq Error | -7.280 kHz |
| x dB Bandwidth | 4.970 MHz |

| | |
|---------------------|----------------|
| Freq Offset | 0.0000000 Hz |
| CF Step | 1.00000000 MHz |
| | Auto Man |
| 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)

| 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 | 4.499 | 4.972 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.38

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 % |
| 4.4988 MHz | x dB -26.00 dB |
| Transmit Freq Error | -5.117 kHz |
| x dB Bandwidth | 4.972 MHz |

| | |
|---------------------|------------|
| Signal Track | Off |
| On | Off |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5 | 99 | 26 | 0.1 | Peak | 4.506 | 4.963 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.38

dB

Center 836.500 MHz Span 10 MHz

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

Center Freq
836.500000 MHz

Start Freq
831.500000 MHz

Stop Freq
841.500000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | |
|----------------------------|-----------------------------|
| Occupied Bandwidth | Occ BW % Pwr 99.00 % |
| 4.5064 MHz | x dB -26.00 dB |
| Transmit Freq Error | -5.586 kHz |
| x dB Bandwidth | 4.963 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 | 4.494 | 4.985 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.39 dB

Center 846.500 MHz Span 10 MHz

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

Center Freq 846.500000 MHz

Start Freq 841.500000 MHz

Stop Freq 851.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4940 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -1.762 kHz

x dB Bandwidth 4.985 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 846.5 | 99 | 26 | 0.1 | Peak | 4.504 | 4.973 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 846.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.39 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.39

dB

Center 846.500 MHz Span 10 MHz

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

Center Freq
846.500000 MHz

Start Freq
841.500000 MHz

Stop Freq
851.500000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.5036 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | -3.187 kHz | |
| x dB Bandwidth | 4.973 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 829 | 99 | 26 | 0.2 | Peak | 8.991 | 9.927 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Center 829.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Center Freq 829.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 839.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9909 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.886 kHz

x dB Bandwidth 9.927 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 829 | 99 | 26 | 0.2 | Peak | 8.989 | 9.942 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 829 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.41 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 7.41 dB

Center 829.00 MHz Span 20 MHz

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

Center Freq 829.000000 MHz

Start Freq 819.000000 MHz

Stop Freq 839.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9887 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | 6.950 kHz |
| x dB Bandwidth | | 9.942 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5 | 99 | 26 | 0.2 | Peak | 8.97 | 9.847 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 7.38 dB

Center 836.50 MHz Span 20 MHz

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

Center Freq 836.500000 MHz

Start Freq 826.500000 MHz

Stop Freq 846.500000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9701 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -5.435 kHz

x dB Bandwidth 9.847 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5 | 99 | 26 | 0.2 | Peak | 8.98 | 9.912 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.38 dB

Center 836.50 MHz Span 20 MHz

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

Center Freq
836.500000 MHz

Start Freq
826.500000 MHz

Stop Freq
846.500000 MHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|---------------------|--------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9802 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | 2.940 kHz |
| x dB Bandwidth | | 9.912 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 844 | 99 | 26 | 0.2 | Peak | 8.985 | 9.913 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.38 dB

Center 844.00 MHz Span 20 MHz

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

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

8.9852 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 8.807 kHz

x dB Bandwidth 9.913 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 844 | 99 | 26 | 0.2 | Peak | 8.985 | 9.932 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 844 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.38 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 7.38 dB

Center 844.00 MHz Span 20 MHz

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

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

8.9847 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

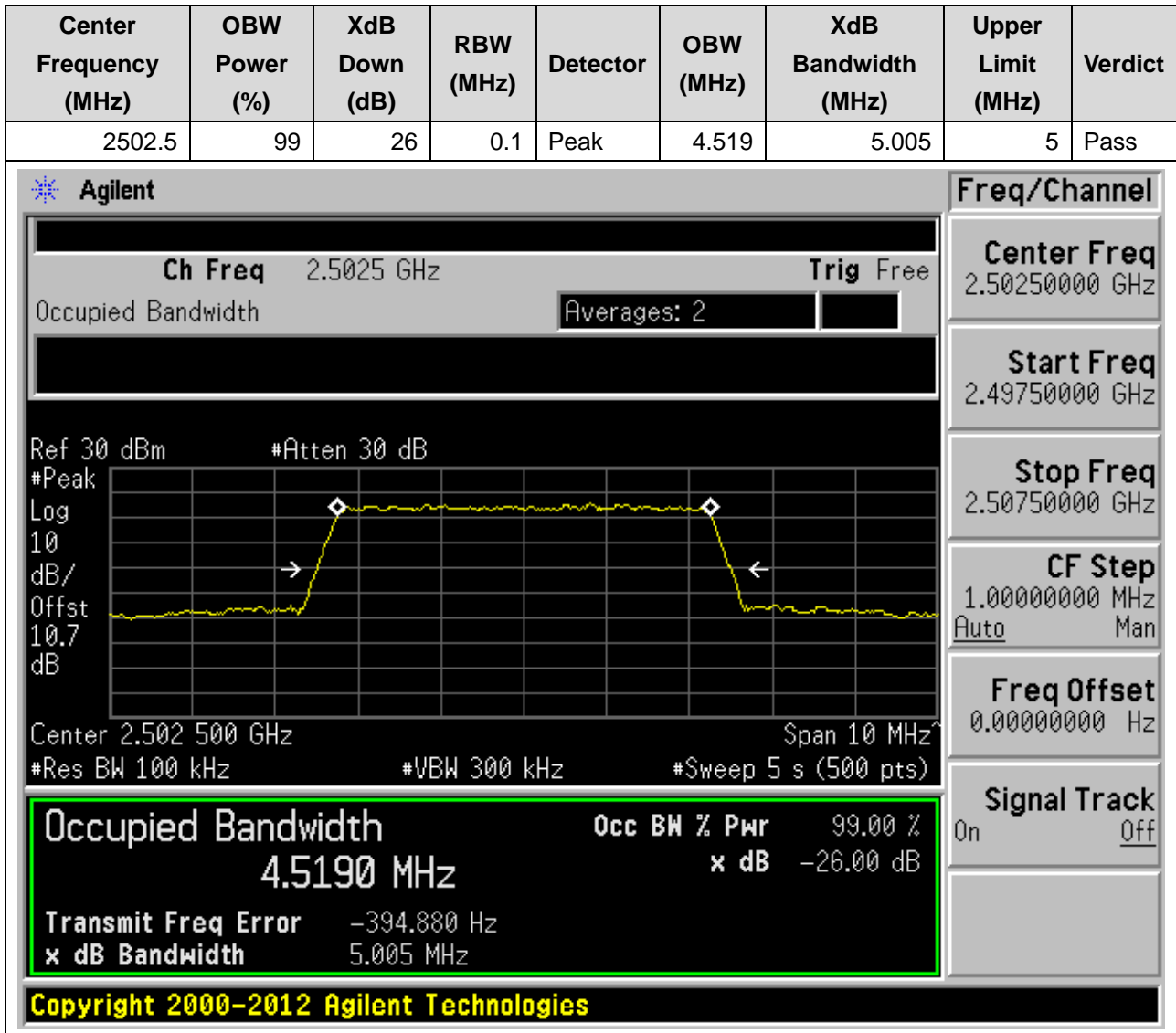
Transmit Freq Error 5.212 kHz

x dB Bandwidth 9.932 MHz

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11. LTE_Band7

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2502.5 | 99 | 26 | 0.1 | Peak | 4.501 | 4.976 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.502 500 GHz Span 10 MHz

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

Center Freq 2.50250000 GHz

Start Freq 2.49750000 GHz

Stop Freq 2.50750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5009 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.010 kHz

x dB Bandwidth 4.976 MHz

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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 | 4.503 | 4.804 | 5 | 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

10.6

dB

Center 2.535 000 GHz Span 10 MHz

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

Center Freq
2.53500000 GHz

Start Freq
2.53000000 GHz

Stop Freq
2.54000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.5031 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | -4.176 kHz | |
| x dB Bandwidth | 4.804 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 | 4.531 | 5.027 | 5 | 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 10 MHz

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

Center Freq 2.53500000 GHz

Start Freq 2.53000000 GHz

Stop Freq 2.54000000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5306 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -5.611 kHz

x dB Bandwidth 5.027 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 | 4.497 | 5.004 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5675 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.7 dB

Center 2.567 500 GHz Span 10 MHz

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

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 % |
| 4.4967 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | -274.220 Hz | |
| x dB Bandwidth | 5.004 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 | 4.528 | 5.024 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5675 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.7

dB

Center 2.567 500 GHz Span 10 MHz

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

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 % |
| 4.5279 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -5.344 kHz |
| x dB Bandwidth | | 5.024 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 | 9.002 | 9.919 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.505 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.505 00 GHz Span 20 MHz

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

Center Freq 2.50500000 GHz

Start Freq 2.49500000 GHz

Stop Freq 2.51500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

9.0015 MHz x dB -26.00 dB

Transmit Freq Error 13.604 kHz

x dB Bandwidth 9.919 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2505 | 99 | 26 | 0.2 | Peak | 8.995 | 9.931 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.505 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.7

dB

Center 2.505 00 GHz
Span 20 MHz

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9947 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 8.826 kHz | |
| x dB Bandwidth | 9.931 MHz | |

Signal Track
On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535 | 99 | 26 | 0.2 | Peak | 8.968 | 9.916 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

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

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.535 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9681 MHz x dB -26.00 dB

Transmit Freq Error 6.108 kHz

x dB Bandwidth 9.916 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535 | 99 | 26 | 0.2 | Peak | 9 | 9.977 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 2.535 00 GHz Span 20 MHz

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

Center Freq 2.53500000 GHz

Start Freq 2.52500000 GHz

Stop Freq 2.54500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

9.0000 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 9.640 kHz

x dB Bandwidth 9.977 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2565 | 99 | 26 | 0.2 | Peak | 9.014 | 9.972 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.565 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.565 00 GHz Span 20 MHz

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

Center Freq 2.56500000 GHz

Start Freq 2.55500000 GHz

Stop Freq 2.57500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

9.0139 MHz x dB -26.00 dB

Transmit Freq Error -140.720 Hz

x dB Bandwidth 9.972 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2565 | 99 | 26 | 0.2 | Peak | 8.994 | 10.003 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.565 GHz Trig Free

Occupied Bandwidth Averages: 2

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

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.565 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9937 MHz x dB -26.00 dB

Transmit Freq Error -10.845 kHz

x dB Bandwidth 10.003 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2507.5 | 99 | 26 | 0.3 | Peak | 13.514 | 15.009 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5075 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.507 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.5141 MHz x dB -26.00 dB

Transmit Freq Error 11.824 kHz

x dB Bandwidth 15.009 MHz

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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)

| 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 | 13.511 | 14.993 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5075 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.7

dB

Center 2.507 50 GHz Span 30 MHz

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

Center Freq
2.50750000 GHz

Start Freq
2.49250000 GHz

Stop Freq
2.52250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 13.5107 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 21.638 kHz | |
| x dB Bandwidth | 14.993 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535 | 99 | 26 | 0.3 | Peak | 13.467 | 14.952 | 15 | 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 10.6 dB

Center 2.535 00 GHz Span 30 MHz

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

Center Freq 2.53500000 GHz

Start Freq 2.52000000 GHz

Stop Freq 2.55000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

| | | |
|----------------------------|---------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 13.4671 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -7.982 kHz |
| x dB Bandwidth | | 14.952 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535 | 99 | 26 | 0.3 | Peak | 13.519 | 15.091 | 15 | 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 10.6 dB

Center 2.535 00 GHz Span 30 MHz

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

Center Freq 2.53500000 GHz

Start Freq 2.52000000 GHz

Stop Freq 2.55000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.5191 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -8.896 kHz

x dB Bandwidth 15.091 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2562.5 | 99 | 26 | 0.3 | Peak | 13.5 | 15.089 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5625 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.562 50 GHz Span 30 MHz

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

Center Freq
2.56250000 GHz

Start Freq
2.54750000 GHz

Stop Freq
2.57750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 13.4997 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -21.432 kHz | |
| x dB Bandwidth | 15.089 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 | 13.513 | 15.017 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.562 50 GHz Span 30 MHz

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

Center Freq 2.56250000 GHz

Start Freq 2.54750000 GHz

Stop Freq 2.57750000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.5128 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.942 kHz

x dB Bandwidth 15.017 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)

| 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 | 17.978 | 19.687 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.51 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.510 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 % |
| 17.9779 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 6.831 kHz | |
| x dB Bandwidth | 19.687 MHz | |

| | |
|---------------------|----------------|
| 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 |

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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 | 18.027 | 19.826 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.51 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.510 00 GHz Span 40 MHz

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

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 | Occ BW % Pwr | 99.00 % |
| 18.0266 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 28.124 kHz | |
| x dB Bandwidth | 19.826 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 | 17.967 | 19.721 | 20 | 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 10.6 dB

Center 2.535 00 GHz Span 40 MHz

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

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 % |
| 17.9668 MHz | x dB -26.00 dB |
| Transmit Freq Error 22.872 kHz | |
| x dB Bandwidth 19.721 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)

| 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 | 17.984 | 19.838 | 20 | 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 10.6 dB

Center 2.535 00 GHz Span 40 MHz

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

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 % |
| 17.9837 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -35.797 kHz |
| x dB Bandwidth | | 19.838 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2560 | 99 | 26 | 0.39 | Peak | 18.016 | 19.912 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.56 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.560 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 % | | | | |
| 18.0164 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">-20.672 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.912 MHz</td> </tr> </table> | | | Transmit Freq Error | -20.672 kHz | x dB Bandwidth | 19.912 MHz |
| Transmit Freq Error | -20.672 kHz | | | | | |
| x dB Bandwidth | 19.912 MHz | | | | | |

| | |
|---------------------|----------------|
| CF Step | 4.00000000 MHz |
| Auto | Man |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On <u>Off</u> |

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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 | 17.958 | 19.857 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.56 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.7 dB

Center 2.560 00 GHz Span 40 MHz

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

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

Occupied Bandwidth

17.9576 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 4.699 kHz

x dB Bandwidth 19.857 MHz

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12. LTE_Band13

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



12.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:23205, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 779.5 | 99 | 26 | 0.1 | Peak | 4.486 | 4.821 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 779.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.33 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.33

dB

Center 779.500 MHz Span 10 MHz

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

Center Freq
779.500000 MHz

Start Freq
774.500000 MHz

Stop Freq
784.500000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.4864 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 7.751 kHz | |
| x dB Bandwidth | 4.821 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 782 | 99 | 26 | 0.1 | Peak | 4.499 | 4.986 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.34 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.34 dB

Center 782.000 MHz Span 10 MHz

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

Center Freq 782.000000 MHz

Start Freq 777.000000 MHz

Stop Freq 787.000000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4992 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.822 kHz

x dB Bandwidth 4.986 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 782 | 99 | 26 | 0.1 | Peak | 4.51 | 4.976 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 782 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 27.34 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

7.34

dB

Center 782.000 MHz Span 10 MHz

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

Center Freq
782.000000 MHz

Start Freq
777.000000 MHz

Stop Freq
787.000000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.5099 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -1.788 kHz |
| x dB Bandwidth | | 4.976 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 784.5 | 99 | 26 | 0.1 | Peak | 4.485 | 4.972 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 784.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.35 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 7.35 dB

Center 784.500 MHz Span 10 MHz

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

Center Freq 784.500000 MHz

Start Freq 779.500000 MHz

Stop Freq 789.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4847 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.713 kHz

x dB Bandwidth 4.972 MHz

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12.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:23255, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 784.5 | 99 | 26 | 0.1 | Peak | 4.514 | 4.985 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 784.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.35 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 7.35 dB

Center 784.500 MHz Span 10 MHz

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

Center Freq 784.500000 MHz

Start Freq 779.500000 MHz

Stop Freq 789.500000 MHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5140 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 4.126 kHz

x dB Bandwidth 4.985 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 782 | 99 | 26 | 0.2 | Peak | 8.961 | 9.921 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 782 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 27.34 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 7.34 dB

Center 782.00 MHz Span 20 MHz

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

Center Freq 782.000000 MHz

Start Freq 772.000000 MHz

Stop Freq 792.000000 MHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9610 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

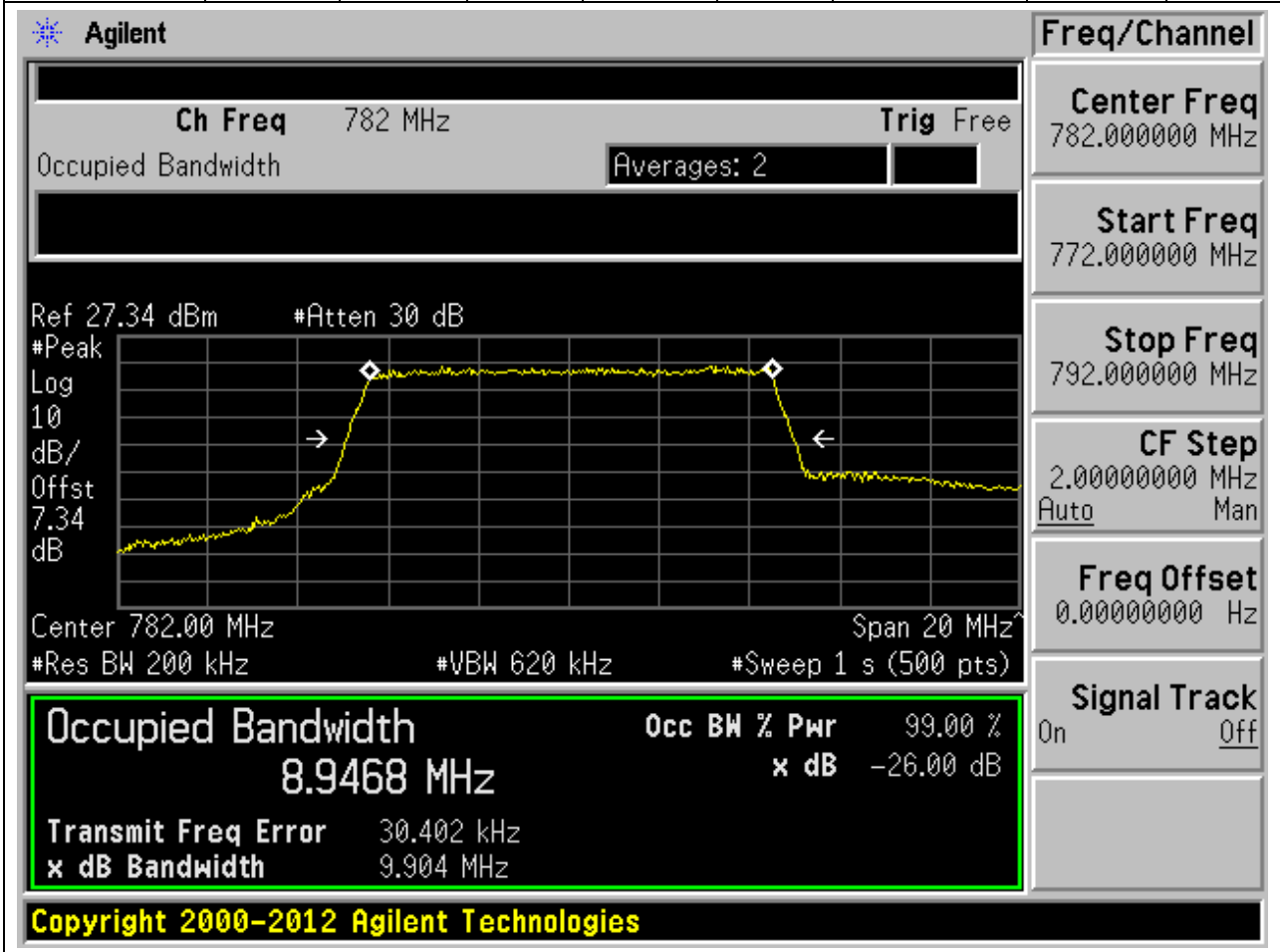
Transmit Freq Error 24.693 kHz

x dB Bandwidth 9.921 MHz

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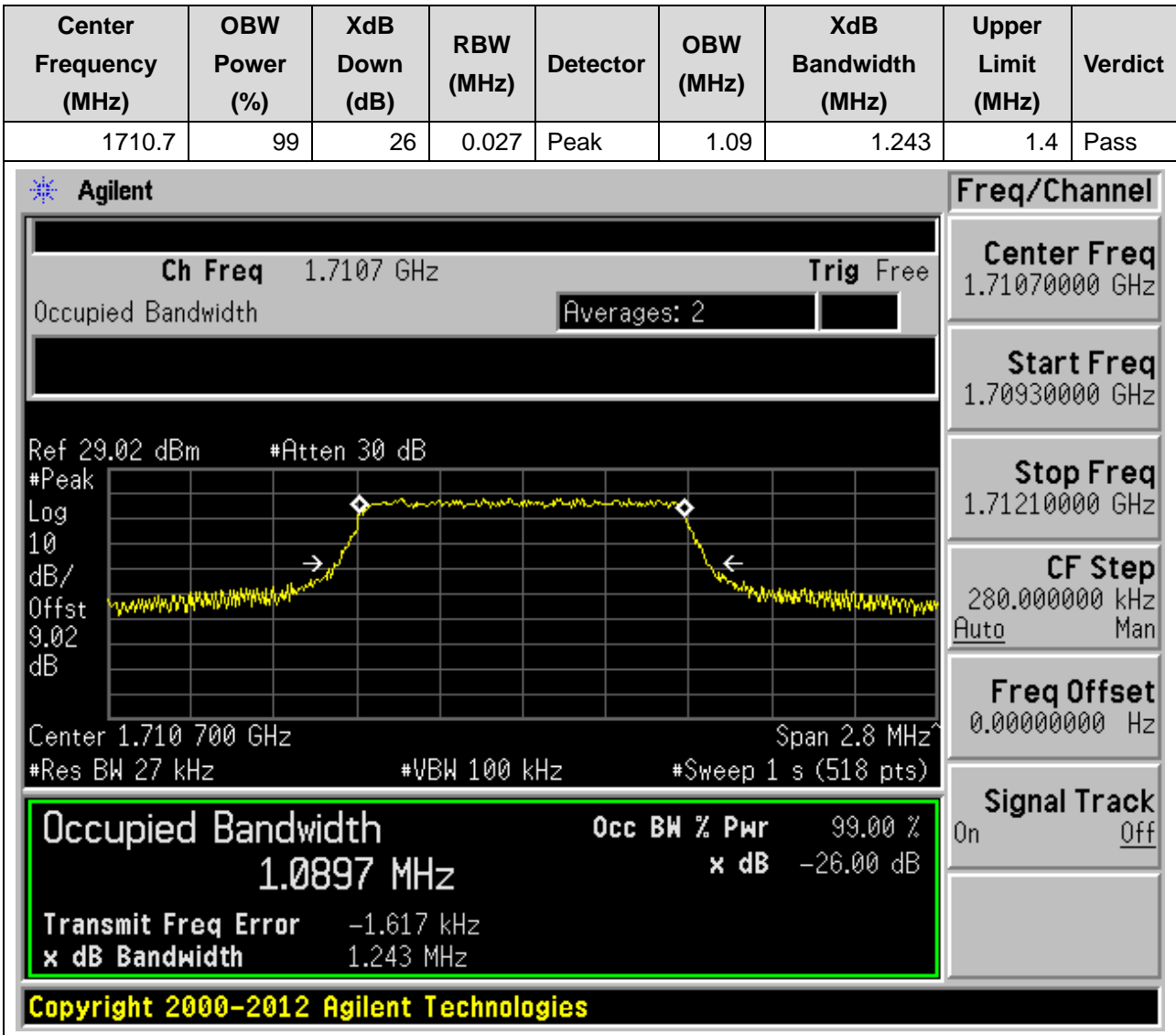
12.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 782 | 99 | 26 | 0.2 | Peak | 8.947 | 9.904 | 10 | Pass |



13. LTE_Band66

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1710.7 | 99 | 26 | 0.027 | Peak | 1.098 | 1.259 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7107 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.02 dB

Center 1.710 700 GHz Span 2.8 MHz

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

Center Freq 1.71070000 GHz

Start Freq 1.70930000 GHz

Stop Freq 1.71210000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0983 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 173.676 Hz

x dB Bandwidth 1.259 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.027 | Peak | 1.093 | 1.247 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

Center 1.745 000 GHz Span 2.8 MHz

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

Center Freq 1.74500000 GHz

Start Freq 1.74360000 GHz

Stop Freq 1.74640000 GHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0925 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -1.610 kHz

x dB Bandwidth 1.247 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.027 | Peak | 1.089 | 1.242 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

Center 1.745 000 GHz Span 2.8 MHz

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

Center Freq 1.74500000 GHz

Start Freq 1.74360000 GHz

Stop Freq 1.74640000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0890 MHz x dB -26.00 dB

Transmit Freq Error -1.525 kHz

x dB Bandwidth 1.242 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1779.3 | 99 | 26 | 0.027 | Peak | 1.094 | 1.251 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7793 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.32 dBm #Atten 30 dB

Center 1.779 300 GHz Span 2.8 MHz

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

Center Freq 1.77930000 GHz

Start Freq 1.77790000 GHz

Stop Freq 1.78070000 GHz

CF Step 280.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

1.0944 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -359.520 Hz

x dB Bandwidth 1.251 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1779.3 | 99 | 26 | 0.027 | Peak | 1.095 | 1.246 | 1.4 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7793 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.32 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.32

dB

Center 1.779 300 GHz Span 2.8 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0948 MHz x dB -26.00 dB

Transmit Freq Error -608.761 Hz

x dB Bandwidth 1.246 MHz

Signal Track

On Off

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13.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1711.5 | 99 | 26 | 0.062 | Peak | 2.717 | 3.047 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

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

Ref 29.02 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.02 dB

Center 1.711 500 GHz Span 6 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7168 MHz x dB -26.00 dB

Transmit Freq Error 865.044 Hz

x dB Bandwidth 3.047 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1711.5 | 99 | 26 | 0.062 | Peak | 2.719 | 3.052 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.02

dB

Center 1.711 500 GHz Span 6 MHz

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

Center Freq
1.71150000 GHz

Start Freq
1.70850000 GHz

Stop Freq
1.71450000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7194 MHz x dB -26.00 dB

Transmit Freq Error -2.731 kHz

x dB Bandwidth 3.052 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.062 | Peak | 2.712 | 3.035 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.03 dB

Center 1.745 000 GHz Span 6 MHz

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

Center Freq 1.74500000 GHz

Start Freq 1.74200000 GHz

Stop Freq 1.74800000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

2.7117 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.140 kHz

x dB Bandwidth 3.035 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.062 | Peak | 2.711 | 3.043 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.745 000 GHz Span 6 MHz

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

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

2.7106 MHz **x dB** -26.00 dB

Transmit Freq Error -4.776 kHz

x dB Bandwidth 3.043 MHz

Signal Track

On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1778.5 | 99 | 26 | 0.062 | Peak | 2.709 | 3.044 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7785 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.31 dBm #Atten 30 dB

Center 1.778 500 GHz Span 6 MHz

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

Center Freq 1.77850000 GHz

Start Freq 1.77550000 GHz

Stop Freq 1.78150000 GHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7094 MHz x dB -26.00 dB

Transmit Freq Error -1.840 kHz

x dB Bandwidth 3.044 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1778.5 | 99 | 26 | 0.062 | Peak | 2.713 | 3.069 | 3 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7785 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.31 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.31

dB

Center 1.778 500 GHz Span 6 MHz

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

Center Freq
1.77850000 GHz

Start Freq
1.77550000 GHz

Stop Freq
1.78150000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7128 MHz x dB -26.00 dB

Transmit Freq Error -4.621 kHz

x dB Bandwidth 3.069 MHz

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13.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5 | 99 | 26 | 0.1 | Peak | 4.513 | 4.993 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.02 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.02

dB

Center 1.712 500 GHz Span 10 MHz

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

| | | | | | | |
|--|---------------------|-----------|---------------------|------------|----------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % | | | | |
| 4.5130 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">-7.489 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">4.993 MHz</td> </tr> </table> | | | Transmit Freq Error | -7.489 kHz | x dB Bandwidth | 4.993 MHz |
| Transmit Freq Error | -7.489 kHz | | | | | |
| x dB Bandwidth | 4.993 MHz | | | | | |

| | |
|---------------------|----------------|
| CF Step | 1.00000000 MHz |
| Auto | Man |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On Off |

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13.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5 | 99 | 26 | 0.1 | Peak | 4.502 | 4.936 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.02 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz

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

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

4.5023 MHz

Transmit Freq Error -2.549 kHz

x dB Bandwidth 4.936 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.1 | Peak | 4.502 | 5.005 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.745 000 GHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Center Freq
1.74500000 GHz

Start Freq
1.74000000 GHz

Stop Freq
1.75000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

4.5021 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -7.612 kHz

x dB Bandwidth 5.005 MHz

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13.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.1 | Peak | 4.51 | 4.967 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.745 000 GHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Center Freq
1.74500000 GHz

Start Freq
1.74000000 GHz

Stop Freq
1.75000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

4.5102 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -7.552 kHz

x dB Bandwidth 4.967 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1777.5 | 99 | 26 | 0.1 | Peak | 4.497 | 4.962 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7775 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.29 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.29

dB

Center 1.777 500 GHz Span 10 MHz

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

Center Freq
1.77750000 GHz

Start Freq
1.77250000 GHz

Stop Freq
1.78250000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|---------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.4969 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 468.264 Hz | |
| x dB Bandwidth | 4.962 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1777.5 | 99 | 26 | 0.1 | Peak | 4.508 | 4.984 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.29 dBm #Atten 30 dB

#Peak

Center 1.777 500 GHz Span 10 MHz

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

Center Freq 1.77750000 GHz

Start Freq 1.77250000 GHz

Stop Freq 1.78250000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5077 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.023 kHz

x dB Bandwidth 4.984 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715 | 99 | 26 | 0.2 | Peak | 8.992 | 9.899 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.715 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

Center 1.715 00 GHz Span 20 MHz

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

Center Freq
1.71500000 GHz

Start Freq
1.70500000 GHz

Stop Freq
1.72500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

8.9917 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 14.353 kHz

x dB Bandwidth 9.899 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715 | 99 | 26 | 0.2 | Peak | 8.977 | 9.896 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.715 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.715 00 GHz Span 20 MHz

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

| | | | | | | |
|--|---------------------|-----------|---------------------|------------|----------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % | | | | |
| 8.9773 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">11.575 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">9.896 MHz</td> </tr> </table> | | | Transmit Freq Error | 11.575 kHz | x dB Bandwidth | 9.896 MHz |
| Transmit Freq Error | 11.575 kHz | | | | | |
| x dB Bandwidth | 9.896 MHz | | | | | |

| | |
|---------------------|----------------|
| CF Step | 2.00000000 MHz |
| | Auto Man |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On Off |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.2 | Peak | 8.975 | 9.903 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.03 dB

Center 1.745 00 GHz Span 20 MHz

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

Center Freq
1.74500000 GHz

Start Freq
1.73500000 GHz

Stop Freq
1.75500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

8.9752 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -8.990 kHz

x dB Bandwidth 9.903 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.2 | Peak | 8.985 | 9.911 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

Center 1.745 00 GHz Span 20 MHz

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

Center Freq 1.74500000 GHz

Start Freq 1.73500000 GHz

Stop Freq 1.75500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9853 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -6.802 kHz

x dB Bandwidth 9.911 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1775 | 99 | 26 | 0.2 | Peak | 8.993 | 9.891 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.26 dBm #Atten 30 dB

Center 1.775 00 GHz Span 20 MHz

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

Center Freq 1.77500000 GHz

Start Freq 1.76500000 GHz

Stop Freq 1.78500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9925 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 4.257 kHz

x dB Bandwidth 9.891 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1775 | 99 | 26 | 0.2 | Peak | 8.976 | 9.915 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 1.775 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.26 dBm
#Atten 30 dB

Center 1.775 00 GHz
Span 20 MHz

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9756 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 7.598 kHz | |
| x dB Bandwidth | 9.915 MHz | |

Signal Track
On Off

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13.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1717.5 | 99 | 26 | 0.3 | Peak | 13.531 | 14.963 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

Center 1.717 50 GHz Span 30 MHz

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

13.5306 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 32.481 kHz

x dB Bandwidth 14.963 MHz

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13.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1717.5 | 99 | 26 | 0.3 | Peak | 13.52 | 14.926 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 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

13.5203 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 11.301 kHz

x dB Bandwidth 14.926 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.3 | Peak | 13.478 | 14.843 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.745 00 GHz Span 30 MHz
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

Center Freq
1.74500000 GHz

Start Freq
1.73000000 GHz

Stop Freq
1.76000000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.4777 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -24.980 kHz

x dB Bandwidth 14.843 MHz

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13.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.3 | Peak | 13.545 | 14.957 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

Center 1.745 00 GHz Span 30 MHz

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

Center Freq 1.74500000 GHz

Start Freq 1.73000000 GHz

Stop Freq 1.76000000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.5453 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -44.125 kHz

x dB Bandwidth 14.957 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1772.5 | 99 | 26 | 0.3 | Peak | 13.493 | 15.016 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.23 dBm #Atten 30 dB

Center 1.772 50 GHz Span 30 MHz

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

Center Freq
1.77250000 GHz

Start Freq
1.75750000 GHz

Stop Freq
1.78750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.4926 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 12.578 kHz

x dB Bandwidth 15.016 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1772.5 | 99 | 26 | 0.3 | Peak | 13.509 | 14.88 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.23 dB

Center 1.772 50 GHz Span 30 MHz

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

Center Freq
1.77250000 GHz

Start Freq
1.75750000 GHz

Stop Freq
1.78750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.5090 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 19.454 kHz

x dB Bandwidth 14.880 MHz

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13.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720 | 99 | 26 | 0.39 | Peak | 17.958 | 19.596 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.72 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 9.04 dB

Center 1.720 00 GHz Span 40 MHz

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

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 % |
| 17.9582 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 46.853 kHz | |
| x dB Bandwidth | 19.596 MHz | |

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13.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720 | 99 | 26 | 0.39 | Peak | 18.029 | 19.804 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.72 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.04 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.04

dB

Center 1.720 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 % | | | | |
| 18.0293 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">54.096 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.804 MHz</td> </tr> </table> | | | Transmit Freq Error | 54.096 kHz | x dB Bandwidth | 19.804 MHz |
| Transmit Freq Error | 54.096 kHz | | | | | |
| x dB Bandwidth | 19.804 MHz | | | | | |

| | |
|---------------------|----------------|
| CF Step | 4.00000000 MHz |
| | Auto Man |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On Off |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.39 | Peak | 17.958 | 19.651 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.03 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.03

dB

Center 1.745 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 % |
| 17.9583 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -42.489 kHz | |
| x dB Bandwidth | 19.651 MHz | |

| | |
|---------------------|----------------|
| CF Step | 4.00000000 MHz |
| | Auto Man |
| Freq Offset | 0.00000000 Hz |
| Signal Track | On Off |

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13.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745 | 99 | 26 | 0.39 | Peak | 17.986 | 19.806 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.745 GHz **Trig** Free

Occupied Bandwidth **Averages:** 2

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

Ref 29.03 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)

| | | | | | | |
|--|---------------------|-----------|----------------------------|-------------|-----------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % | | | | |
| 17.9860 MHz | x dB | -26.00 dB | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">-61.340 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.806 MHz</td> </tr> </table> | | | Transmit Freq Error | -61.340 kHz | x dB Bandwidth | 19.806 MHz |
| Transmit Freq Error | -61.340 kHz | | | | | |
| x dB Bandwidth | 19.806 MHz | | | | | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1770 | 99 | 26 | 0.39 | Peak | 18.016 | 19.837 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.77 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.19 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.19

dB

Center 1.770 00 GHz Span 40 MHz

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

Center Freq
1.77000000 GHz

Start Freq
1.75000000 GHz

Stop Freq
1.79000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | |
|--------------------------------------|-----------------------------|
| Occupied Bandwidth | Occ BW % Pwr 99.00 % |
| 18.0156 MHz | x dB -26.00 dB |
| Transmit Freq Error 8.194 kHz | |
| x dB Bandwidth 19.837 MHz | |

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13.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1770 | 99 | 26 | 0.39 | Peak | 17.944 | 19.77 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 1.77 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.19 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 9.19 dB

Center 1.770 00 GHz Span 40 MHz

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

Center Freq
1.77000000 GHz

Start Freq
1.75000000 GHz

Stop Freq
1.79000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

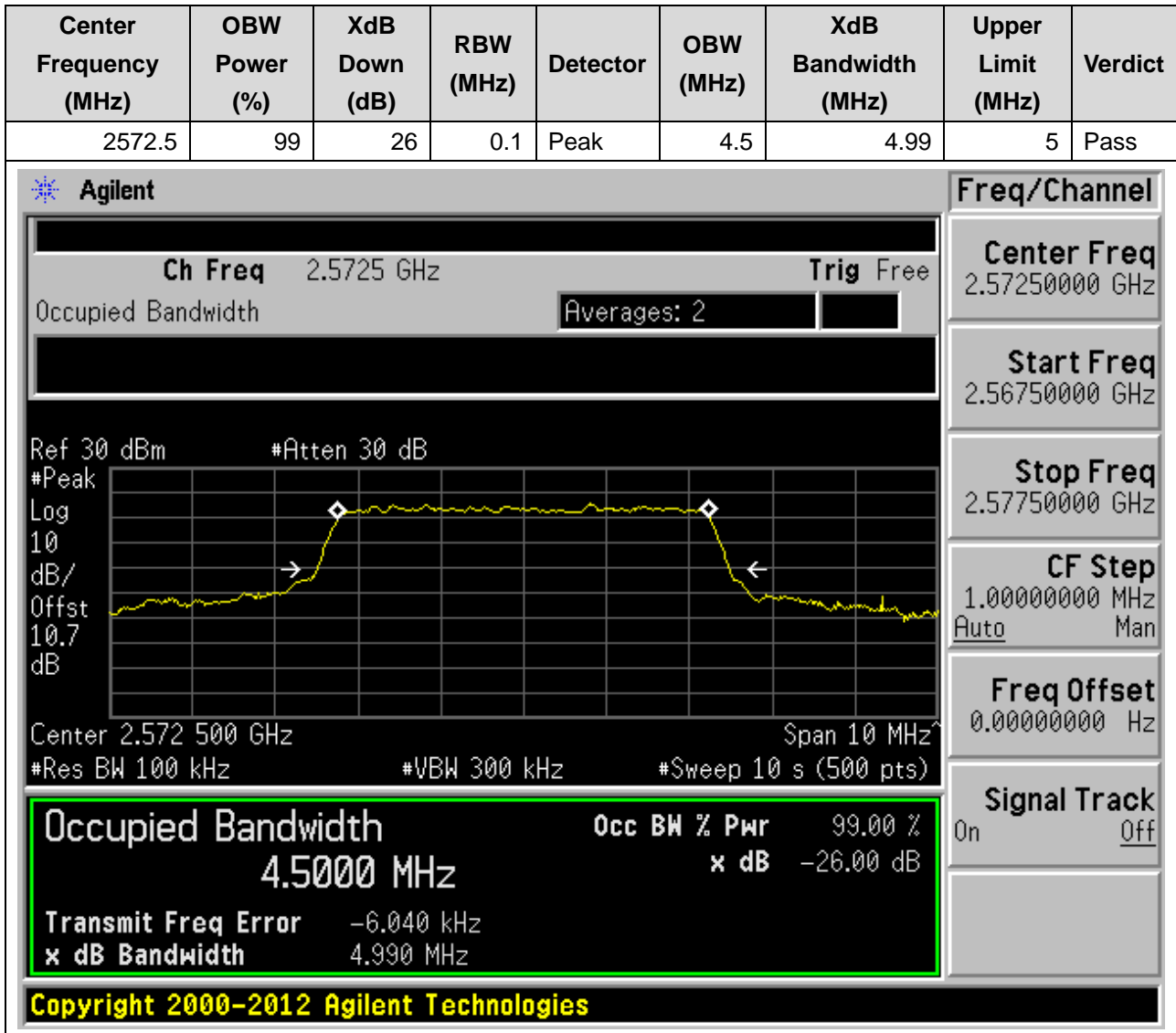
Signal Track
On Off

| | | |
|--------------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 17.9445 MHz | x dB | -26.00 dB |
| Transmit Freq Error 27.911 kHz | | |
| x dB Bandwidth 19.770 MHz | | |

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14. LTE_Band38

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



14.2. 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 | 4.514 | 5.093 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5725 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 2.572 500 GHz Span 10 MHz

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

Center Freq 2.57250000 GHz

Start Freq 2.56750000 GHz

Stop Freq 2.57750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5145 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -461.916 Hz

x dB Bandwidth 5.093 MHz

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14.3. 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 | 4.507 | 5.026 | 5 | 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 10.7 dB

Center 2.595 000 GHz Span 10 MHz

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

Center Freq
2.59500000 GHz

Start Freq
2.59000000 GHz

Stop Freq
2.60000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 4.5072 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | -2.563 kHz |
| x dB Bandwidth | | 5.026 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595 | 99 | 26 | 0.1 | Peak | 4.491 | 4.997 | 5 | 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 10.7 dB

Center 2.595 000 GHz Span 10 MHz

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

Center Freq 2.59500000 GHz

Start Freq 2.59000000 GHz

Stop Freq 2.60000000 GHz

CF Step 1.00000000 MHz (Auto/Man)

Freq Offset 0.00000000 Hz

Signal Track (On/Off)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4910 MHz x dB -26.00 dB

Transmit Freq Error -1.772 kHz

x dB Bandwidth 4.997 MHz

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14.5. 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 | 4.494 | 5.055 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6175 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.6

dB

Center 2.617 500 GHz Span 10 MHz

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

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 % |
| 4.4936 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -190.067 Hz | |
| x dB Bandwidth | 5.055 MHz | |

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14.6. 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 | 4.502 | 5.098 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.6 dB

Center 2.617 500 GHz Span 10 MHz

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

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
4.5016 MHz

Transmit Freq Error -1.698 kHz

x dB Bandwidth 5.098 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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14.7. 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 | 8.992 | 9.913 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.575 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.575 00 GHz Span 20 MHz

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

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 | Occ BW % Pwr 99.00 % |
| 8.9919 MHz | x dB -26.00 dB |
| Transmit Freq Error 25.549 kHz | |
| x dB Bandwidth 9.913 MHz | |

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14.8. 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 | 8.995 | 9.94 | 10 | Pass |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.575 GHz, and the span is 20 MHz. The occupied bandwidth is highlighted in a green box, showing 8.9950 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is 10.028 kHz. The XdB bandwidth is 9.940 MHz. The interface also shows various settings like Res BW, VBW, and Sweep.

| Occupied Bandwidth | | Occ BW % Pwr | 99.00 % |
|---------------------|--|--------------|-----------|
| 8.9950 MHz | | x dB | -26.00 dB |
| Transmit Freq Error | | 10.028 kHz | |
| x dB Bandwidth | | 9.940 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595 | 99 | 26 | 0.2 | Peak | 9.011 | 10.283 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 2.595 00 GHz Span 20 MHz

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

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

9.0113 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 11.676 kHz

x dB Bandwidth 10.283 MHz

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14.10. 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 | 8.966 | 9.935 | 10 | 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 10.7 dB

Center 2.595 00 GHz Span 20 MHz

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

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 % |
| 8.9659 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | 8.859 kHz |
| x dB Bandwidth | | 9.935 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2615 | 99 | 26 | 0.2 | Peak | 9.019 | 10.031 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.615 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.615 00 GHz Span 20 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

9.0186 MHz x dB -26.00 dB

Transmit Freq Error 3.610 kHz

x dB Bandwidth 10.031 MHz

Signal Track On Off

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2615 | 99 | 26 | 0.2 | Peak | 8.999 | 10.286 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.615 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.615 00 GHz Span 20 MHz

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

Center Freq
2.61500000 GHz

Start Freq
2.60500000 GHz

Stop Freq
2.62500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9988 MHz x dB -26.00 dB

Transmit Freq Error -1.759 kHz

x dB Bandwidth 10.286 MHz

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14.13. 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 | 13.539 | 15.022 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5775 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.8

dB

Center 2.577 50 GHz Span 30 MHz

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

Center Freq
2.57750000 GHz

Start Freq
2.56250000 GHz

Stop Freq
2.59250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | |
|---------------------------------------|-----------------------------|
| Occupied Bandwidth | Occ BW % Pwr 99.00 % |
| 13.5392 MHz | x dB -26.00 dB |
| Transmit Freq Error 25.775 kHz | |
| x dB Bandwidth 15.022 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2577.5 | 99 | 26 | 0.3 | Peak | 13.532 | 15.242 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.8 dB

Center 2.577 50 GHz Span 30 MHz

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

Center Freq 2.57750000 GHz

Start Freq 2.56250000 GHz

Stop Freq 2.59250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.5322 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 9.401 kHz

x dB Bandwidth 15.242 MHz

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14.15. 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 | 13.474 | 15.363 | 15 | Pass |

Agilent
Freq/Channel

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 10 s (500 pts)

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

13.4743 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 22.904 kHz

x dB Bandwidth 15.363 MHz

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14.16. 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 | 13.557 | 15.312 | 15 | 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 10.7 dB

Center 2.595 00 GHz Span 30 MHz

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

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 % |
| 13.5574 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 18.019 kHz | |
| x dB Bandwidth | 15.312 MHz | |

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14.17. 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 | 13.494 | 15.472 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.612 50 GHz Span 30 MHz

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

Center Freq 2.61250000 GHz

Start Freq 2.59750000 GHz

Stop Freq 2.62750000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4938 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.452 kHz

x dB Bandwidth 15.472 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2612.5 | 99 | 26 | 0.3 | Peak | 13.563 | 15.69 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6125 GHz **Trig** Free

Occupied Bandwidth **Averages:** 2

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

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.612 50 GHz Span 30 MHz

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

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

13.5626 MHz **x dB** -26.00 dB

Transmit Freq Error 12.704 kHz

x dB Bandwidth 15.690 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2580 | 99 | 26 | 0.39 | Peak | 18.027 | 19.891 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.58 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.8

dB

Center 2.580 00 GHz Span 40 MHz

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

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 18.0271 MHz | x dB | -26.00 dB |
| <hr/> | | |
| Transmit Freq Error | 6.346 kHz | |
| x dB Bandwidth | 19.891 MHz | |

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14.20. 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 | 17.975 | 19.728 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.580 00 GHz Span 40 MHz

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

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

Occupied Bandwidth

17.9748 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 18.733 kHz

x dB Bandwidth 19.728 MHz

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14.21. 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 | 17.992 | 19.691 | 20 | 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 10.7 dB

Center 2.595 00 GHz Span 40 MHz

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

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

17.9922 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 58.005 kHz

x dB Bandwidth 19.691 MHz

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14.22. 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 | 17.973 | 20.135 | 20 | 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 10.7 dB

Center 2.595 00 GHz Span 40 MHz

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

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

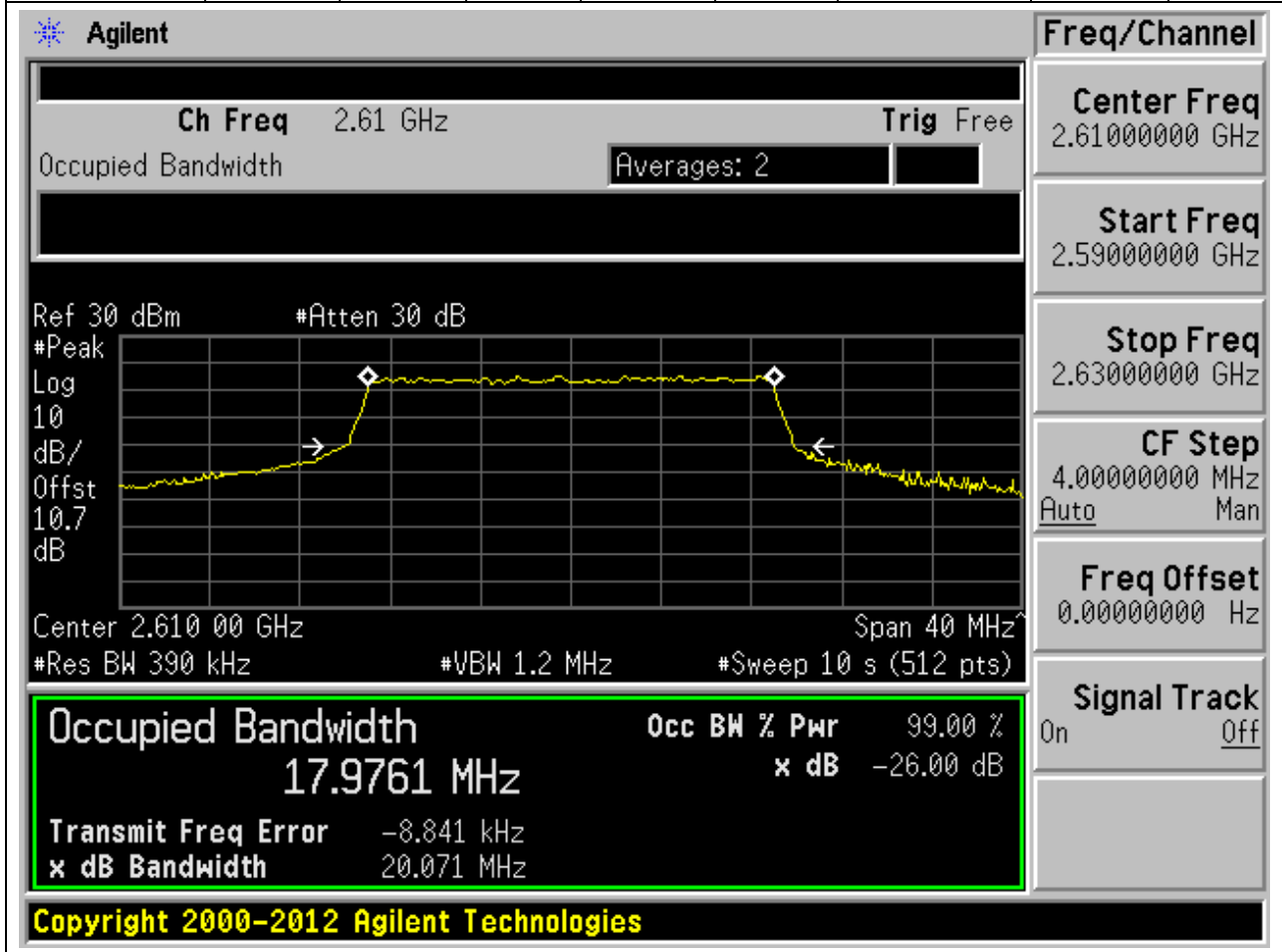
Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 17.9733 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 20.190 kHz | |
| x dB Bandwidth | 20.135 MHz | |

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14.23. 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 | 17.976 | 20.071 | 20 | Pass |



14.24. 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 | 17.973 | 19.834 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.61 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.610 00 GHz Span 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9731 MHz x dB -26.00 dB

Transmit Freq Error 7.609 kHz

x dB Bandwidth 19.834 MHz

Signal Track On Off

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15. LTE_Band41 120M

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



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2537.5 | 99 | 26 | 0.1 | Peak | 4.512 | 5.105 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5375 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.5 dB

Center 2.537 500 GHz Span 10 MHz

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

Center Freq 2.53750000 GHz

Start Freq 2.53250000 GHz

Stop Freq 2.54250000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.5123 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.806 kHz

x dB Bandwidth 5.105 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.1 | Peak | 4.505 | 5.044 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.7 dB

Center 2.607 500 GHz Span 10 MHz

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

Center Freq 2.60750000 GHz

Start Freq 2.60250000 GHz

Stop Freq 2.61250000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5049 MHz x dB -26.00 dB

Transmit Freq Error -4.317 kHz

x dB Bandwidth 5.044 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.1 | Peak | 4.492 | 5.042 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz
Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.607 500 GHz Span 10 MHz

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

Center Freq
2.60750000 GHz

Start Freq
2.60250000 GHz

Stop Freq
2.61250000 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 | | -2.175 kHz |
| x dB Bandwidth | | 5.042 MHz |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2652.5 | 99 | 26 | 0.1 | Peak | 4.49 | 5.063 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6525 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.6 dB

Center 2.652 500 GHz Span 10 MHz

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

Center Freq 2.65250000 GHz

Start Freq 2.64750000 GHz

Stop Freq 2.65750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4902 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.213 kHz

x dB Bandwidth 5.063 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2652.5 | 99 | 26 | 0.1 | Peak | 4.497 | 5.115 | 5 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6525 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.6 dB

Center 2.652 500 GHz Span 10 MHz

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

Center Freq 2.65250000 GHz

Start Freq 2.64750000 GHz

Stop Freq 2.65750000 GHz

CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

4.4969 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -434.380 Hz

x dB Bandwidth 5.115 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2540 | 99 | 26 | 0.2 | Peak | 9 | 9.922 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.54 GHz
Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.5

dB

Center 2.540 00 GHz Span 20 MHz

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

Center Freq
2.54000000 GHz

Start Freq
2.53000000 GHz

Stop Freq
2.55000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9996 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 15.957 kHz | |
| x dB Bandwidth | 9.922 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2540 | 99 | 26 | 0.2 | Peak | 8.987 | 9.94 | 10 | Pass |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled "Occupied Bandwidth" and shows a signal centered at 2.54 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 10.5 dB, Center 2.540 00 GHz, Span 20 MHz, #Res BW 200 kHz, #VBW 620 kHz, and #Sweep 5 s (500 pts). The plot shows a signal with a peak at 2.54 GHz and a bandwidth of 8.9866 MHz. The signal is measured at -26.00 dB. The plot also shows the signal track and the signal track control.

| Occupied Bandwidth | | Occ BW % Pwr | 99.00 % |
|---------------------|--|--------------|-----------|
| 8.9866 MHz | | x dB | -26.00 dB |
| Transmit Freq Error | | -3.292 kHz | |
| x dB Bandwidth | | 9.940 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.2 | Peak | 8.991 | 10.072 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz
Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.7 dB

Center 2.607 50 GHz Span 20 MHz

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

Center Freq
2.60750000 GHz

Start Freq
2.59750000 GHz

Stop Freq
2.61750000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 8.9914 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 6.795 kHz | |
| x dB Bandwidth | 10.072 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.2 | Peak | 8.957 | 9.923 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.7 dB

Center 2.607 50 GHz Span 20 MHz

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

Center Freq 2.60750000 GHz

Start Freq 2.59750000 GHz

Stop Freq 2.61750000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

8.9568 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 5.287 kHz

x dB Bandwidth 9.923 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2650 | 99 | 26 | 0.2 | Peak | 9.018 | 10.058 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.65 GHz
Trig Free

Occupied Bandwidth
Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.6

dB

Center 2.650 00 GHz Span 20 MHz

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

Center Freq
2.65000000 GHz

Start Freq
2.64000000 GHz

Stop Freq
2.66000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

9.0177 MHz

x dB -26.00 dB

Transmit Freq Error 1.055 kHz

x dB Bandwidth 10.058 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2650 | 99 | 26 | 0.2 | Peak | 9.007 | 10.372 | 10 | Pass |

Agilent
Freq/Channel

Ch Freq 2.65 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.6 dB

Center 2.650 00 GHz Span 20 MHz

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

Center Freq 2.65000000 GHz

Start Freq 2.64000000 GHz

Stop Freq 2.66000000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

9.0073 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -8.887 kHz

x dB Bandwidth 10.372 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2542.5 | 99 | 26 | 0.3 | Peak | 13.559 | 15.568 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 5

Center 2.542 50 GHz Span 30 MHz

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

Center Freq
2.54250000 GHz

Start Freq
2.52750000 GHz

Stop Freq
2.55750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
13.5591 MHz

Transmit Freq Error -17.800 kHz

x dB Bandwidth 15.568 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2542.5 | 99 | 26 | 0.3 | Peak | 13.502 | 14.984 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.5425 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.542 50 GHz Span 30 MHz

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

Center Freq 2.54250000 GHz

Start Freq 2.52750000 GHz

Stop Freq 2.55750000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.5019 MHz x dB -26.00 dB

Transmit Freq Error -27.850 kHz

x dB Bandwidth 14.984 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.3 | Peak | 13.458 | 15.594 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz **Trig** Free

Occupied Bandwidth Averages: 5

Center Freq
2.60750000 GHz

Start Freq
2.59250000 GHz

Stop Freq
2.62250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 30 dBm #Atten 30 dB

Center 2.607 50 GHz Span 30 MHz

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

| | | |
|----------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 13.4581 MHz | x dB | -26.00 dB |
| Transmit Freq Error | 15.300 kHz | |
| x dB Bandwidth | 15.594 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.3 | Peak | 13.54 | 15.148 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.607 50 GHz Span 30 MHz

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

Center Freq
2.60750000 GHz

Start Freq
2.59250000 GHz

Stop Freq
2.62250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

13.5400 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 10.613 kHz

x dB Bandwidth 15.148 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2647.5 | 99 | 26 | 0.3 | Peak | 13.496 | 15.558 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6475 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

Center 2.647 50 GHz Span 30 MHz

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

Center Freq 2.64750000 GHz

Start Freq 2.63250000 GHz

Stop Freq 2.66250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4955 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -21.631 kHz

x dB Bandwidth 15.558 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2647.5 | 99 | 26 | 0.3 | Peak | 13.567 | 15.363 | 15 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6475 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.647 50 GHz Span 30 MHz

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

Center Freq 2.64750000 GHz

Start Freq 2.63250000 GHz

Stop Freq 2.66250000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.5668 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -23.003 kHz

x dB Bandwidth 15.363 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2545 | 99 | 26 | 0.39 | Peak | 17.997 | 19.73 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.545 GHz
Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.6

dB

Center 2.545 00 GHz Span 40 MHz

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

Center Freq
2.54500000 GHz

Start Freq
2.52500000 GHz

Stop Freq
2.56500000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

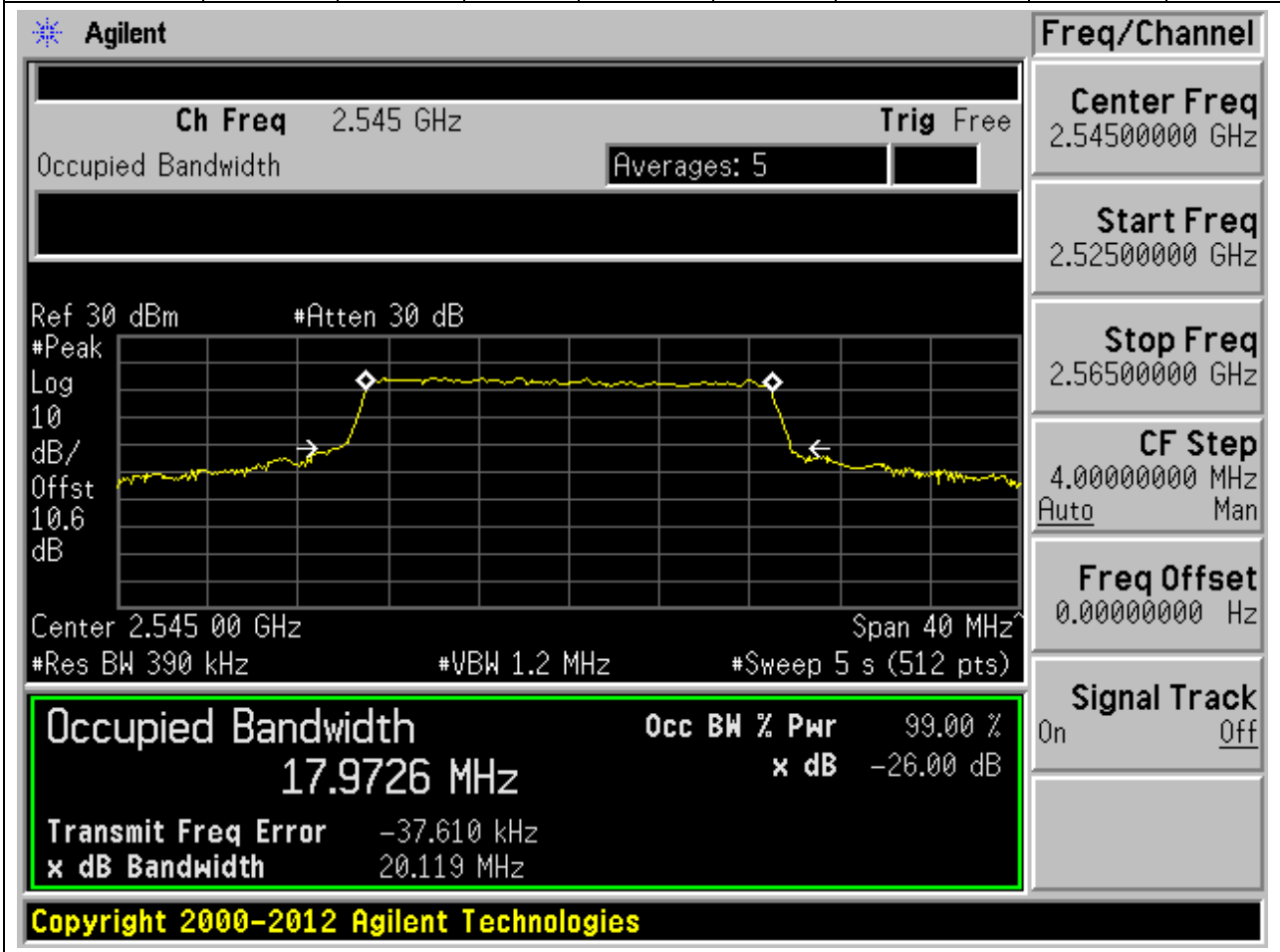
Signal Track
On Off

| | | |
|---------------------------|---------------------|-----------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 17.9968 MHz | x dB | -26.00 dB |
| Transmit Freq Error | -30.434 kHz | |
| x dB Bandwidth | 19.730 MHz | |

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2545 | 99 | 26 | 0.39 | Peak | 17.973 | 20.119 | 20 | Pass |



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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.39 | Peak | 17.919 | 19.663 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 5

Center Freq
2.60750000 GHz

Start Freq
2.58750000 GHz

Stop Freq
2.62750000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

17.9185 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 39.950 kHz

x dB Bandwidth 19.663 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2607.5 | 99 | 26 | 0.39 | Peak | 17.959 | 19.858 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.6075 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.607 50 GHz Span 40 MHz

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

Center Freq 2.60750000 GHz

Start Freq 2.58750000 GHz

Stop Freq 2.62750000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

17.9587 MHz x dB -26.00 dB

Transmit Freq Error 16.261 kHz

x dB Bandwidth 19.858 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2645 | 99 | 26 | 0.39 | Peak | 18.001 | 19.802 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.645 GHz **Trig** Free

Occupied Bandwidth Averages: 5

Center Freq
2.64500000 GHz

Start Freq
2.62500000 GHz

Stop Freq
2.66500000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.645 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 %

18.0008 MHz **x dB** -26.00 dB

Transmit Freq Error -41.590 kHz

x dB Bandwidth 19.802 MHz

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

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2645 | 99 | 26 | 0.39 | Peak | 17.966 | 19.865 | 20 | Pass |

Agilent
Freq/Channel

Ch Freq 2.645 GHz Trig Free

Occupied Bandwidth Averages: 5

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.645 00 GHz Span 40 MHz

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

Center Freq 2.64500000 GHz

Start Freq 2.62500000 GHz

Stop Freq 2.66500000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

17.9661 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -26.937 kHz

x dB Bandwidth 19.865 MHz

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END