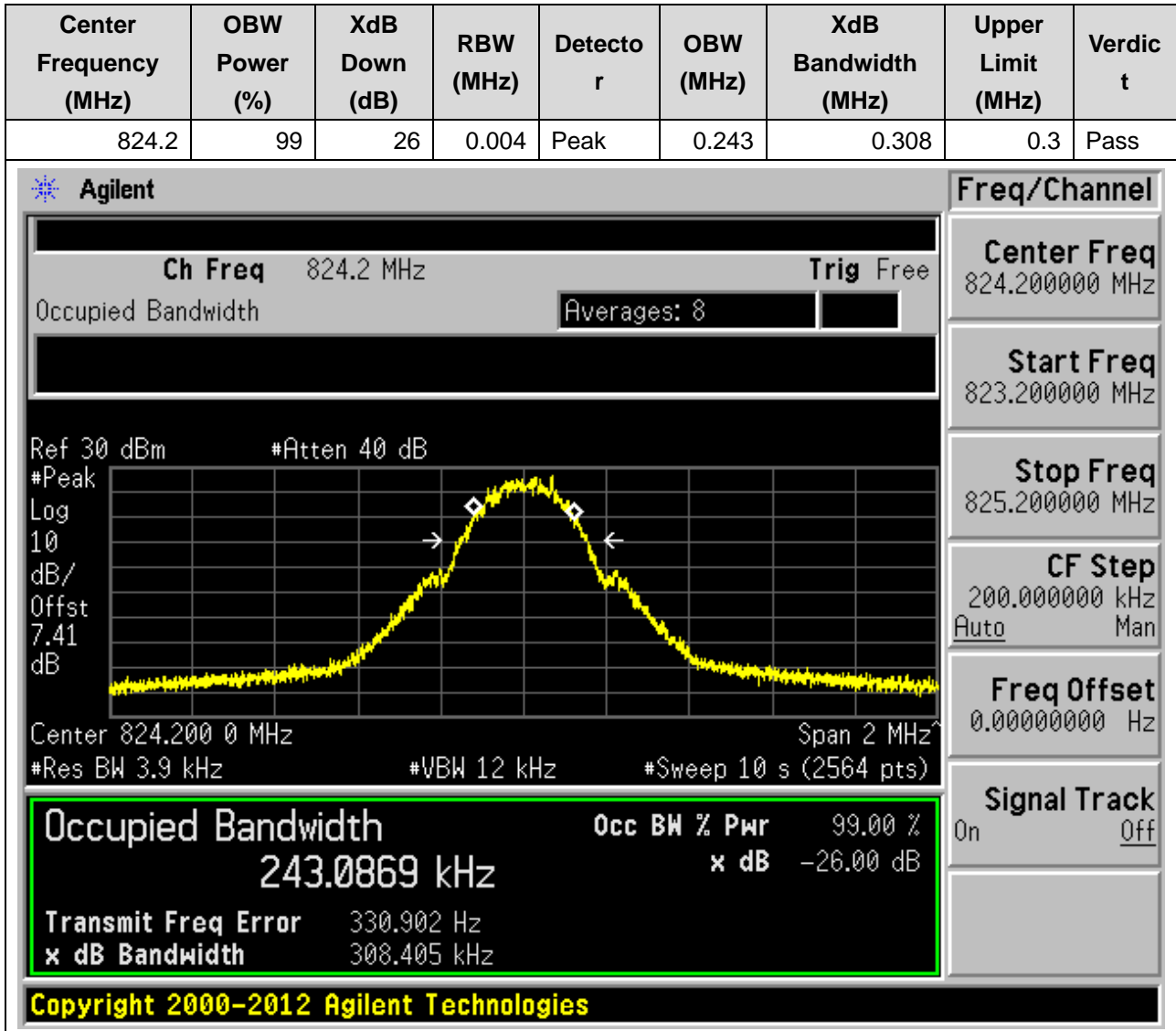


Annex A.3 Occupied Bandwidth

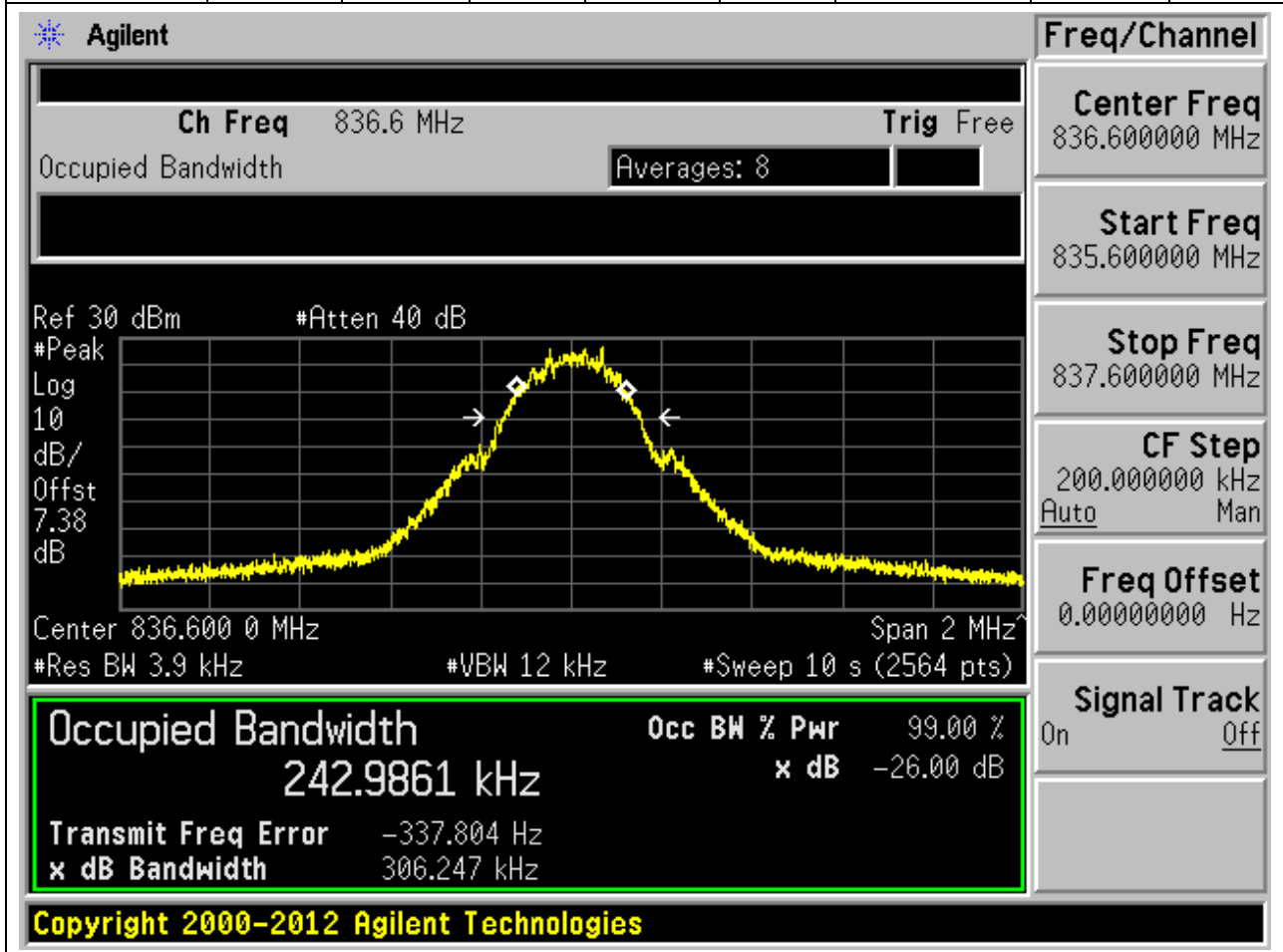
1. GSM_GSM850

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



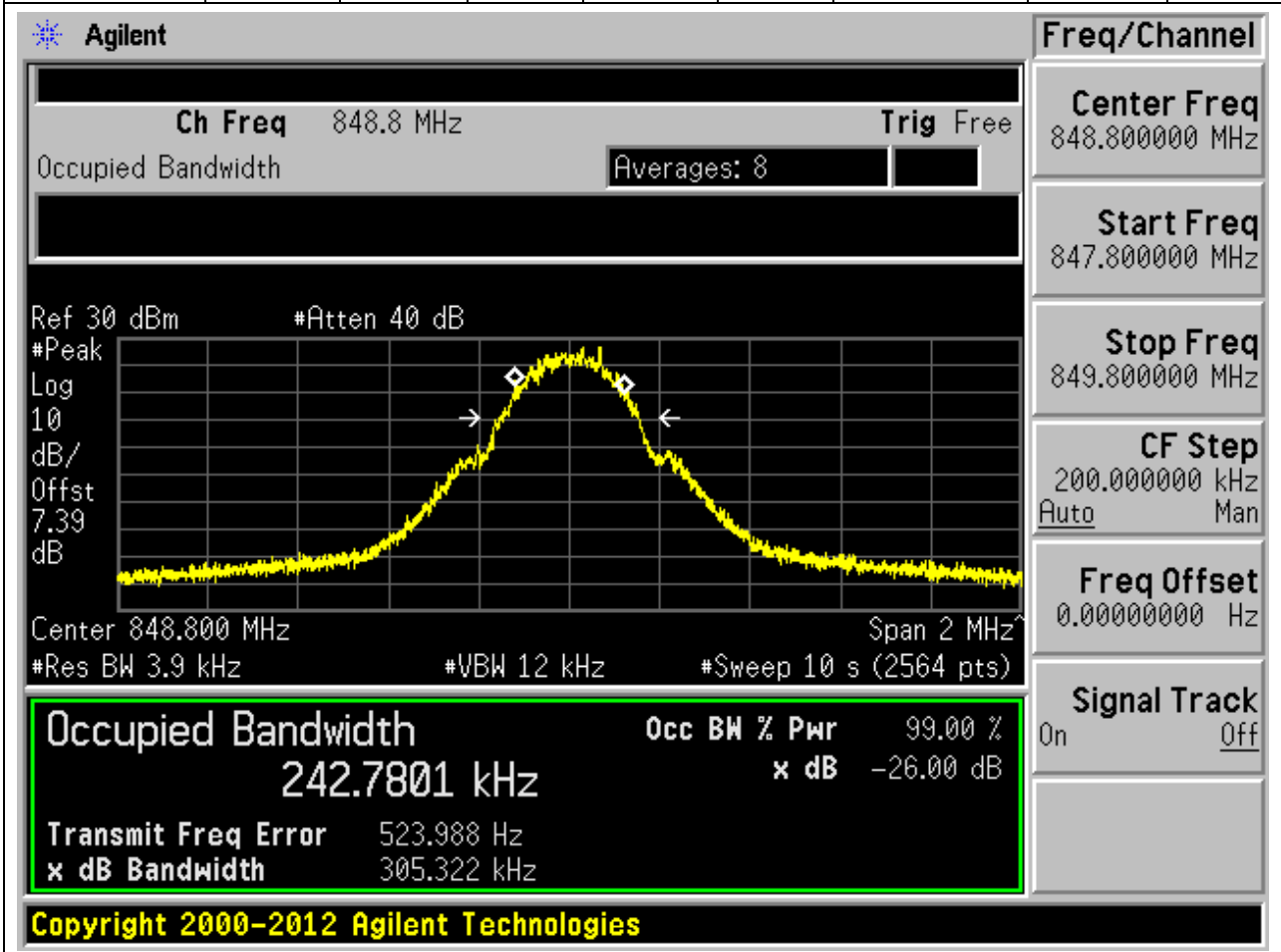
1.2. GSM Occupied Bandwidth(NTNV)(Channel:190)

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



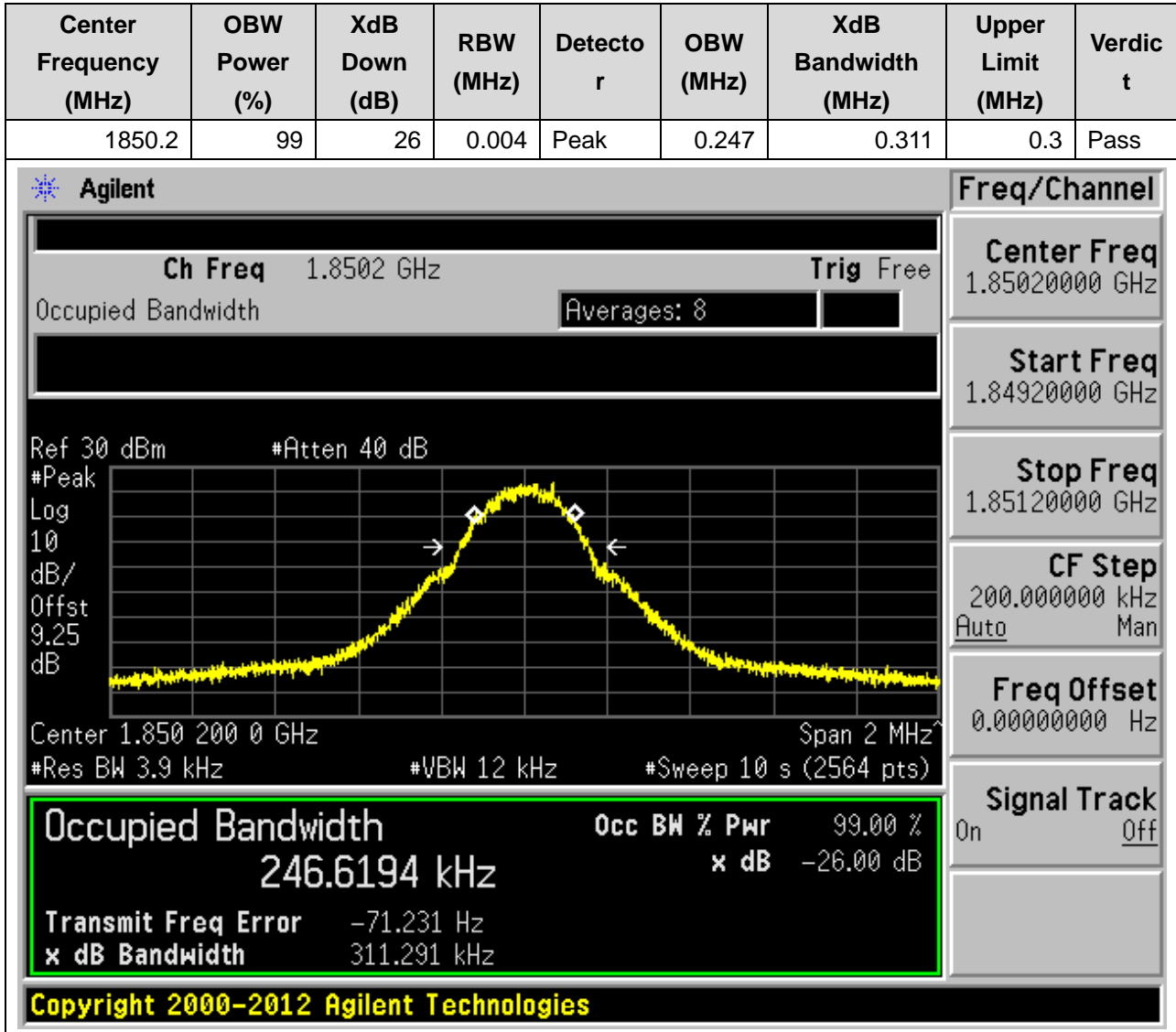
1.3. GSM Occupied Bandwidth(NTNV)(Channel:251)

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



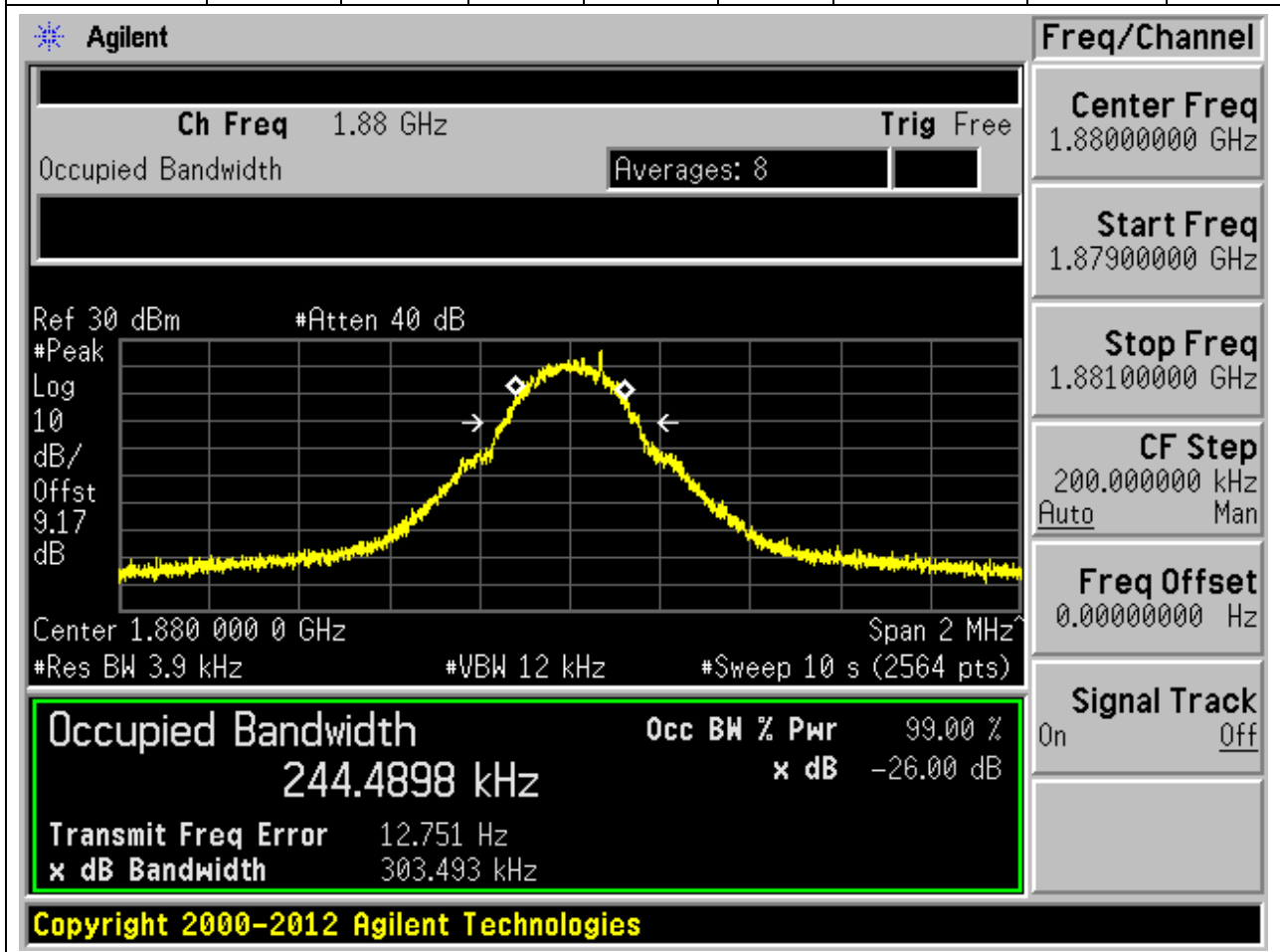
2. GSM_PCS

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



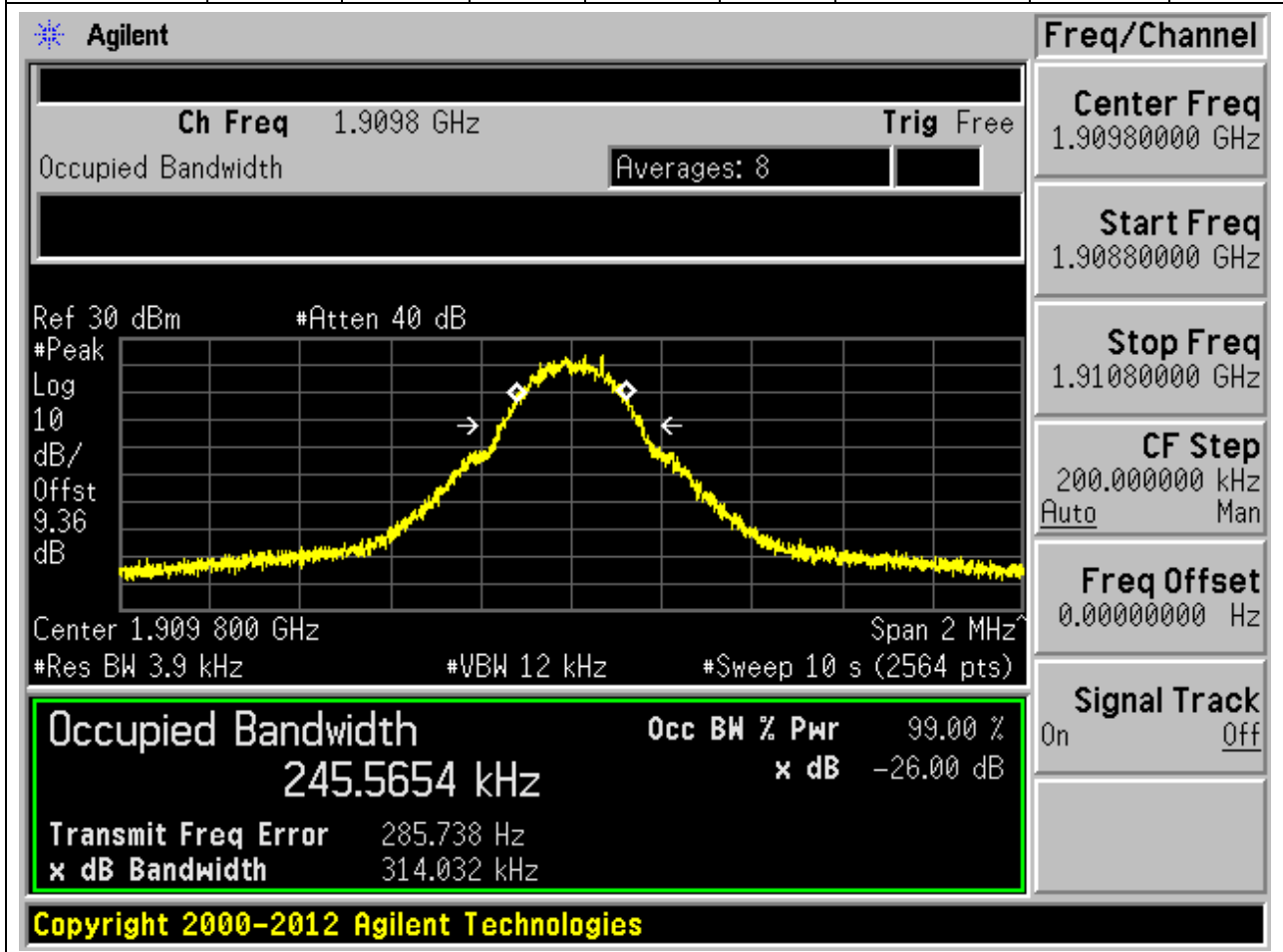
2.2. GSM Occupied Bandwidth(NTNV)(Channel:661)

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)

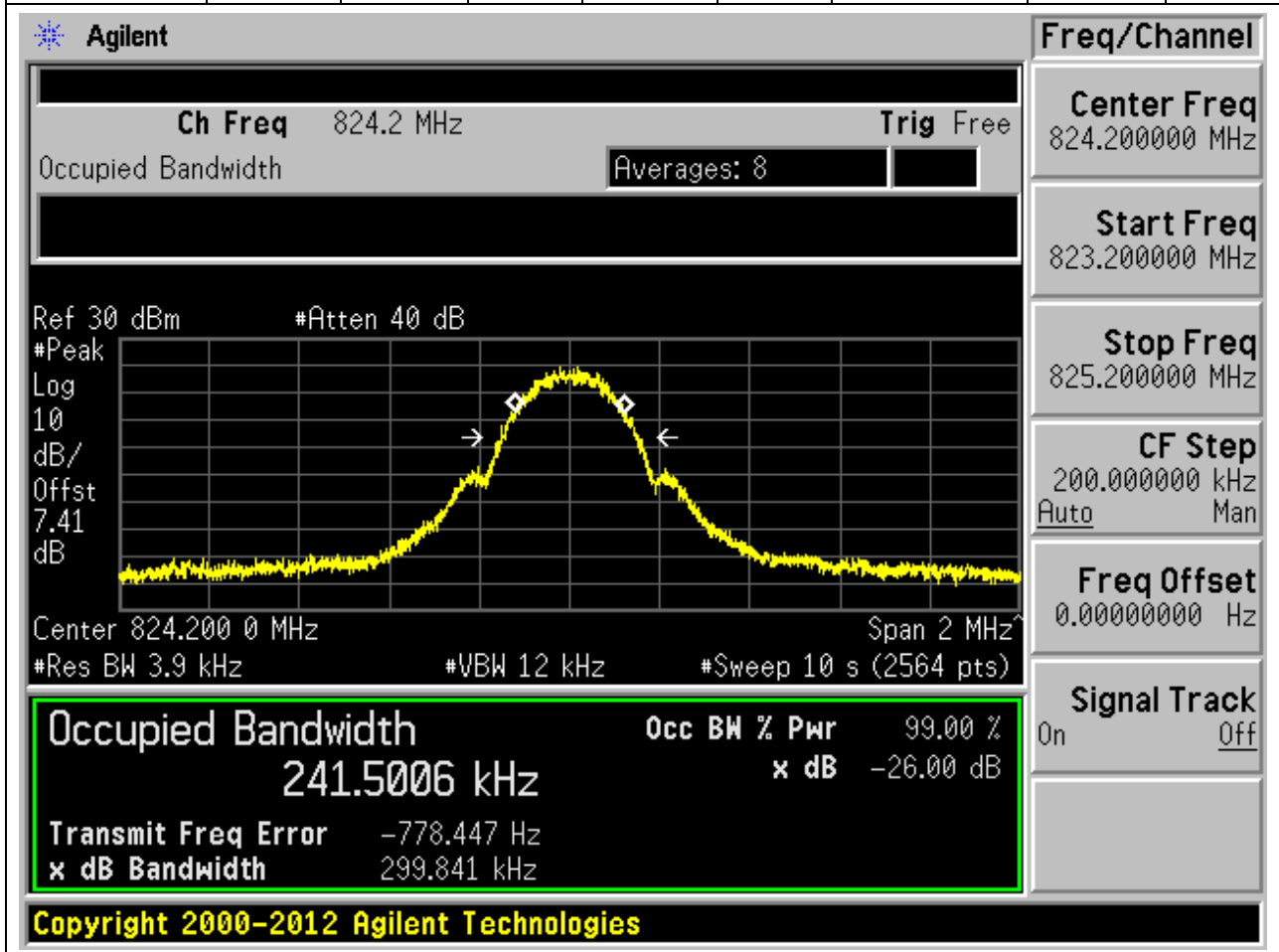
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.246	0.314	0.3	Pass



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

#Peak Log 10 dB/ Offst 7.38 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

Center 848.800 0 MHz Span 2 MHz

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

Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

242.2430 kHz x dB -26.00 dB

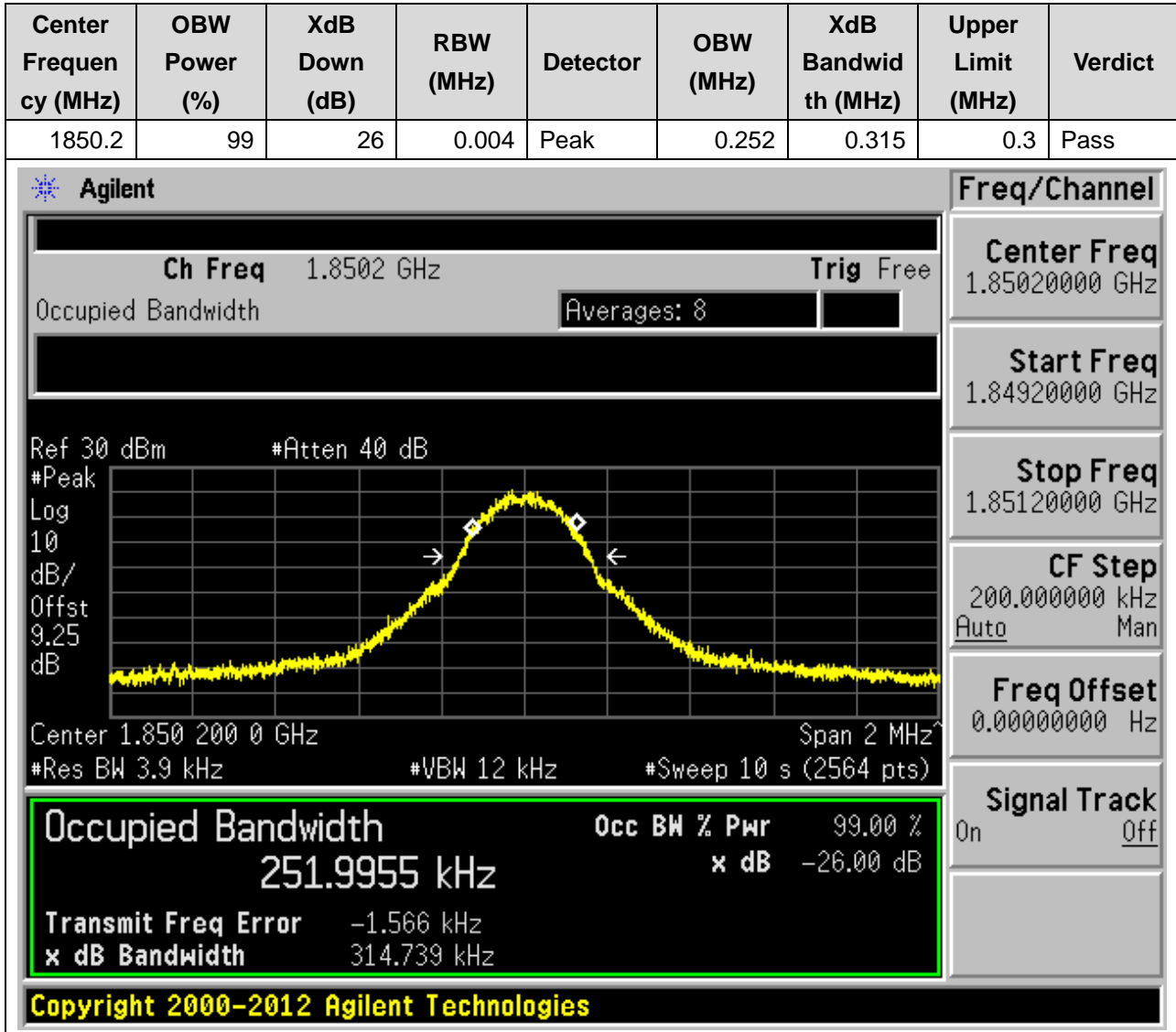
Transmit Freq Error -342.749 Hz

x dB Bandwidth 310.118 kHz

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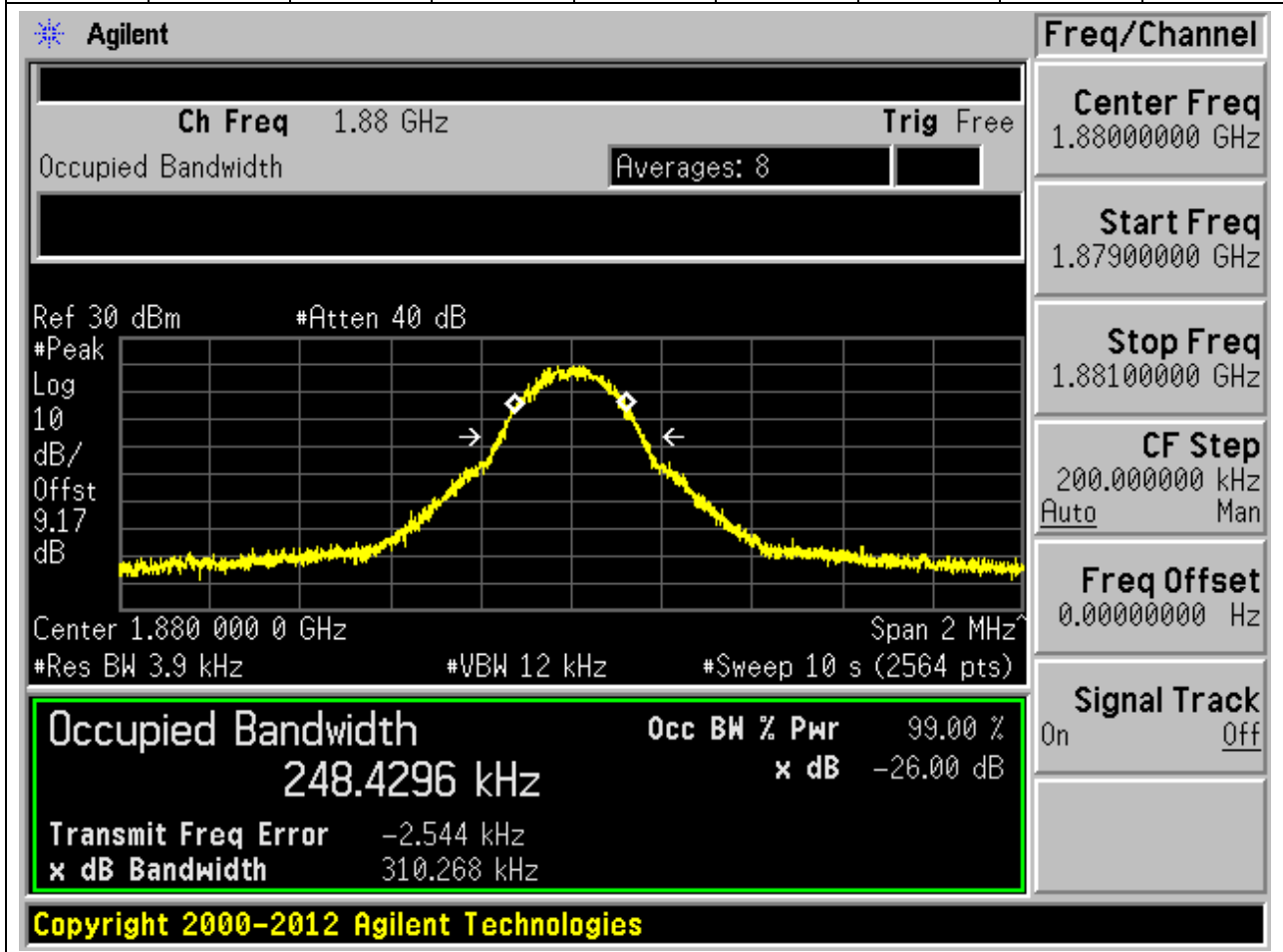
4. EGPRS_PCS

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



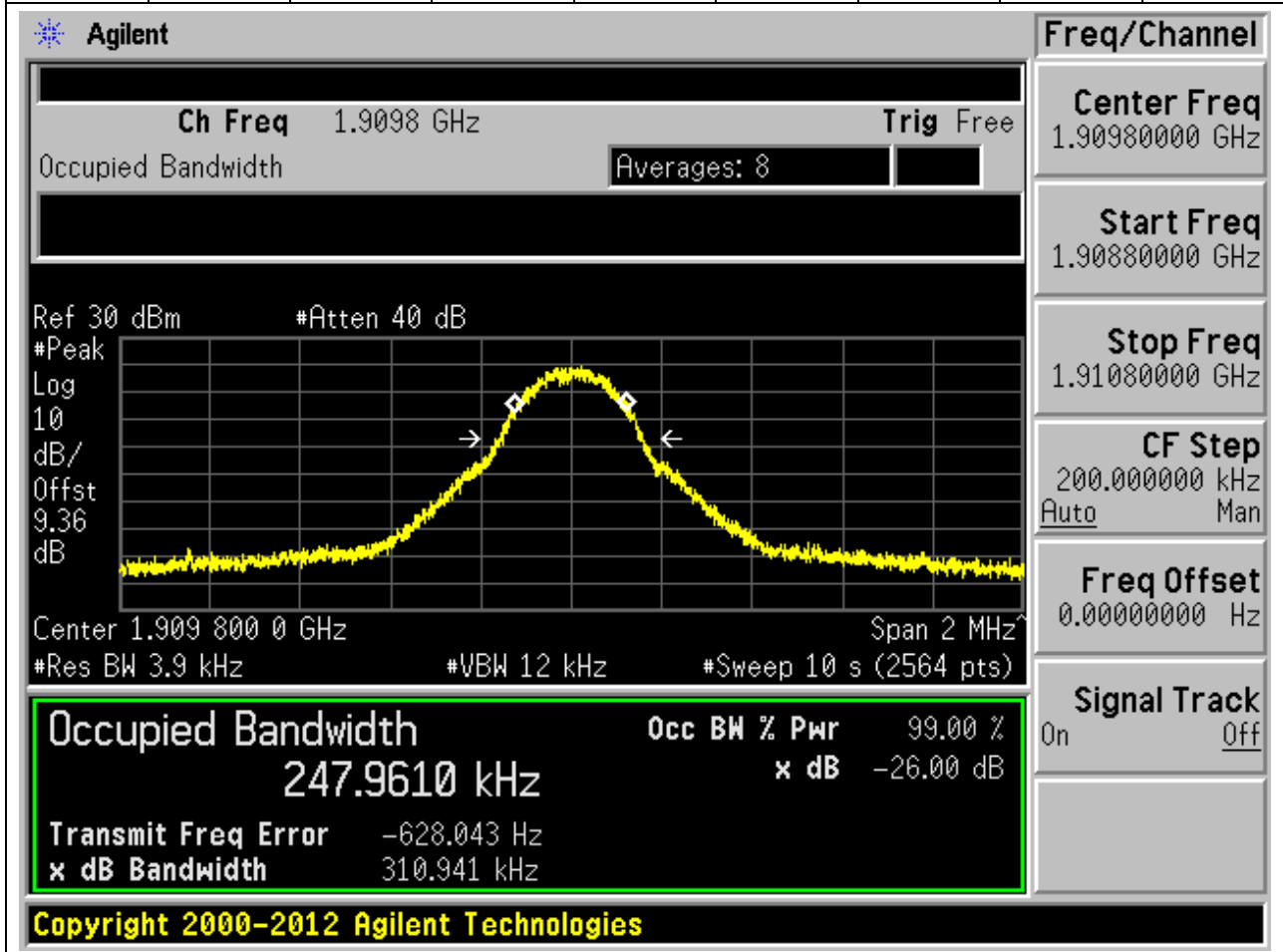
4.2. EGPRS Occupied Bandwidth(NTNV)(Channel:661)

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)

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.1390 MHz x dB -26.00 dB

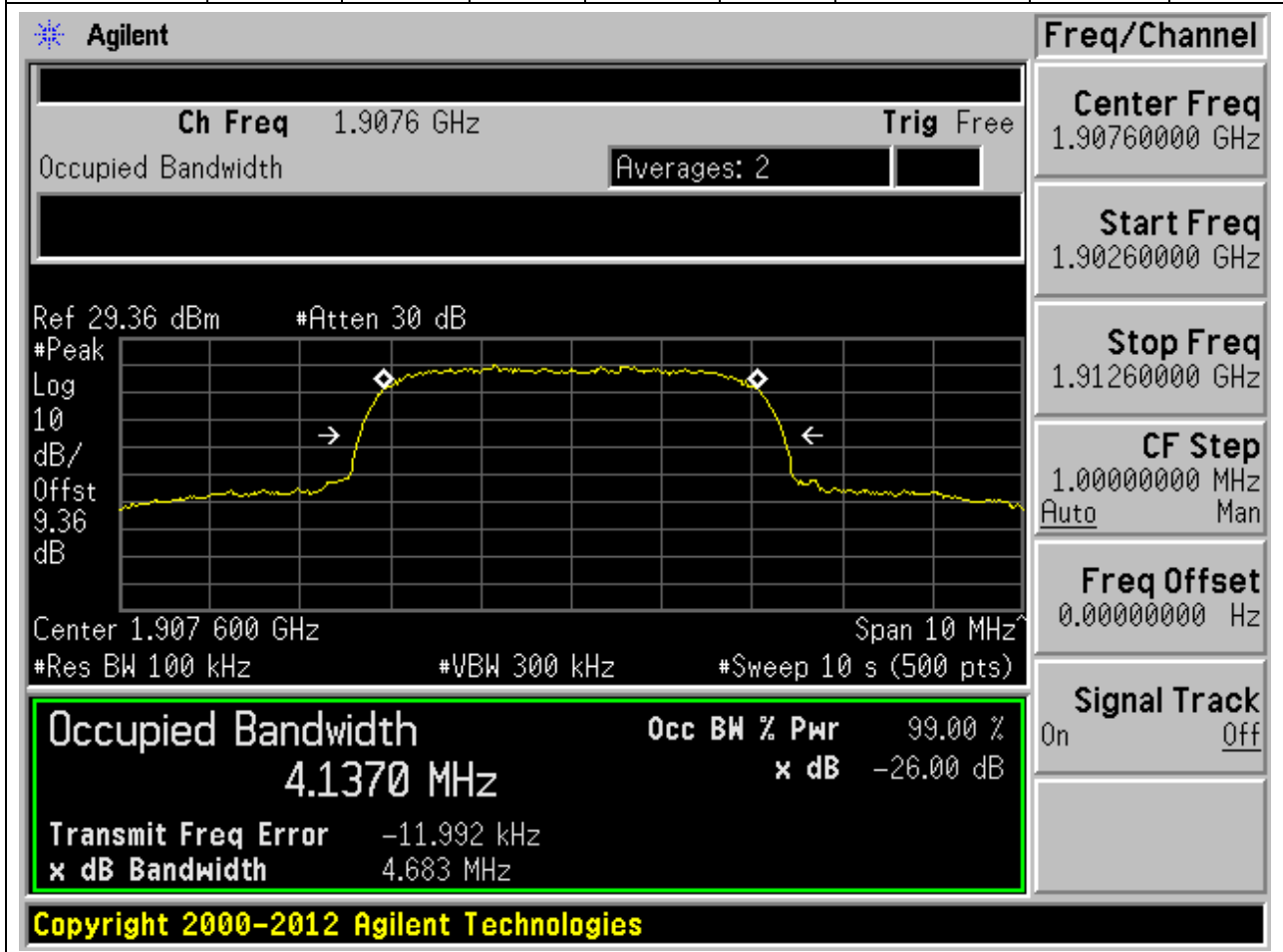
Transmit Freq Error -3.247 kHz

x dB Bandwidth 4.688 MHz

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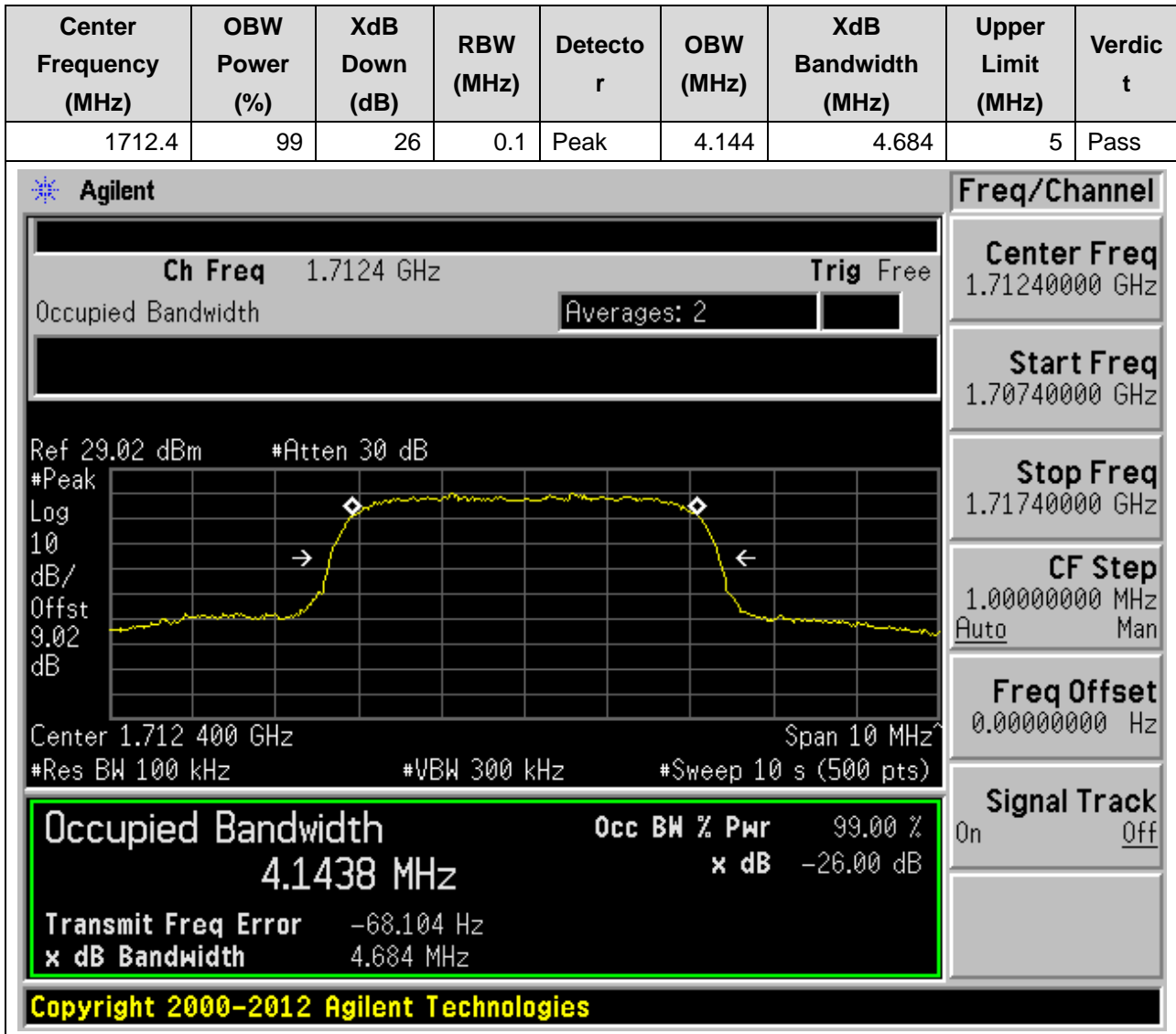
5.3. WCDMA Occupied Bandwidth(NTNV)(Channel:9538)

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

Agilent

Ch Freq 1.7324 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.03 dBm #Atten 30 dB

Center 1.732 400 GHz Span 10 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.1302 MHz x dB -26.00 dB

Transmit Freq Error -3.055 kHz

x dB Bandwidth 4.686 MHz

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Freq/Channel

Center Freq 1.73240000 GHz

Start Freq 1.72740000 GHz

Stop Freq 1.73740000 GHz

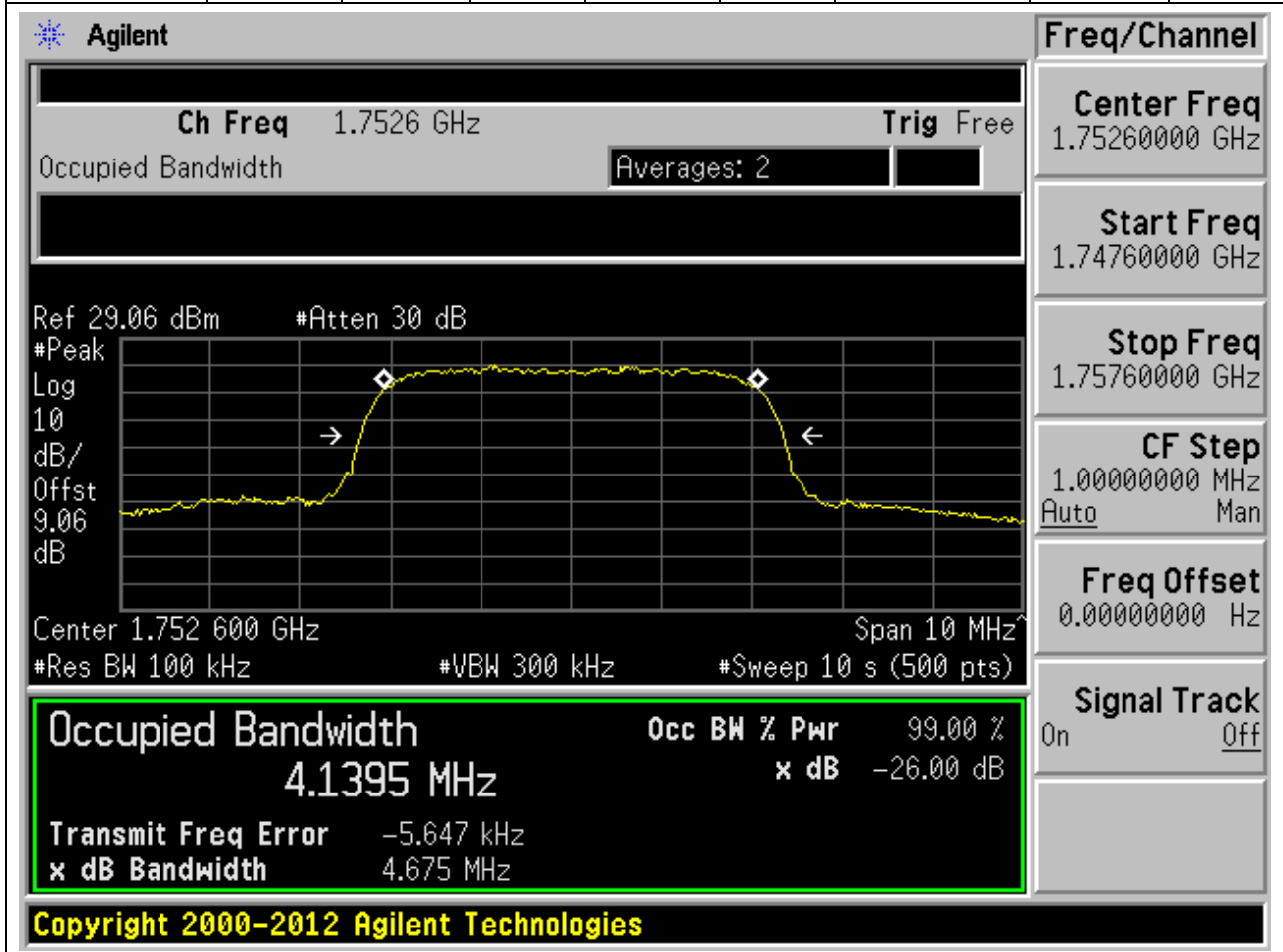
CF Step 1.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

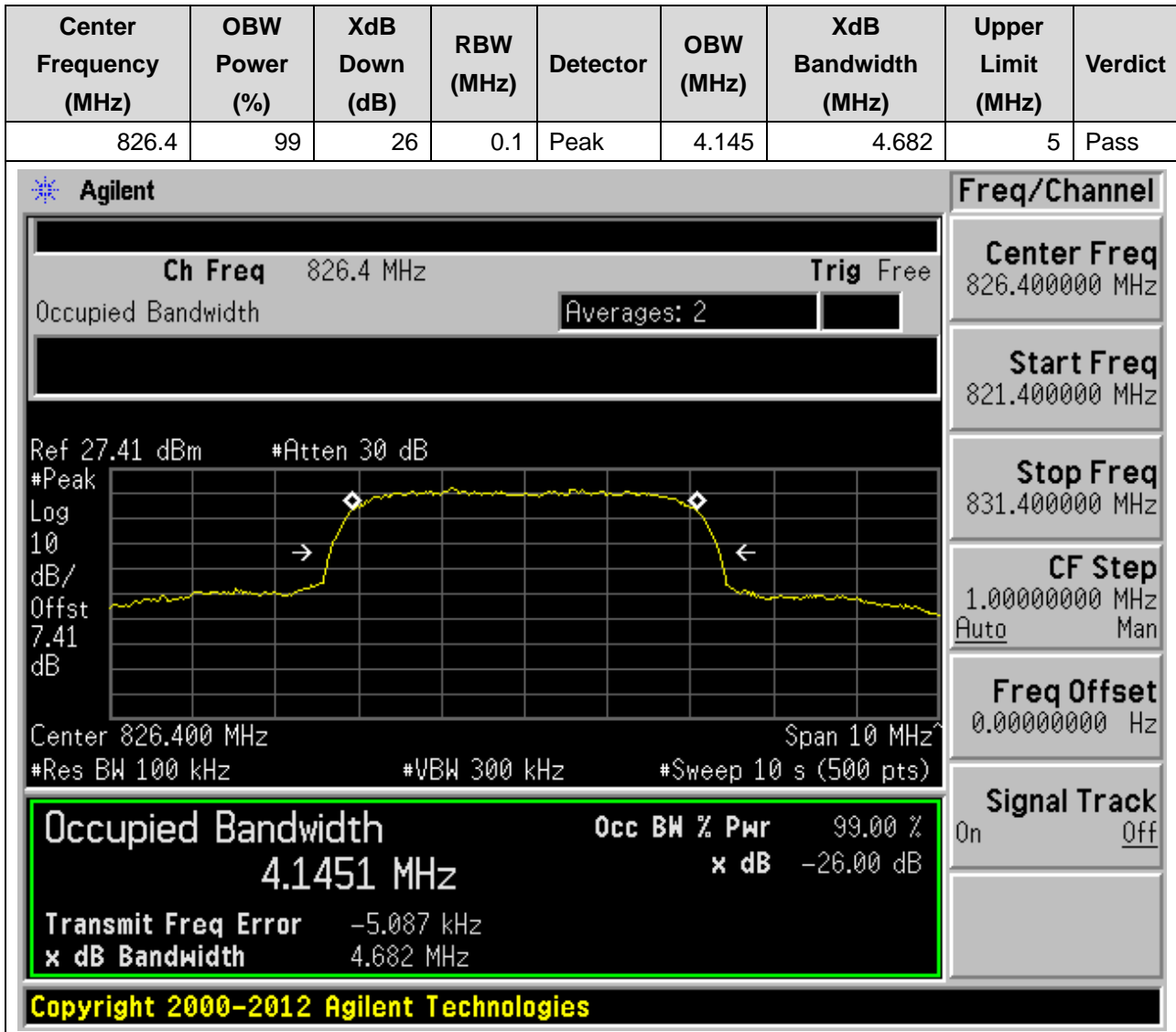
6.3. WCDMA Occupied Bandwidth(NTNV)(Channel:1513)

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



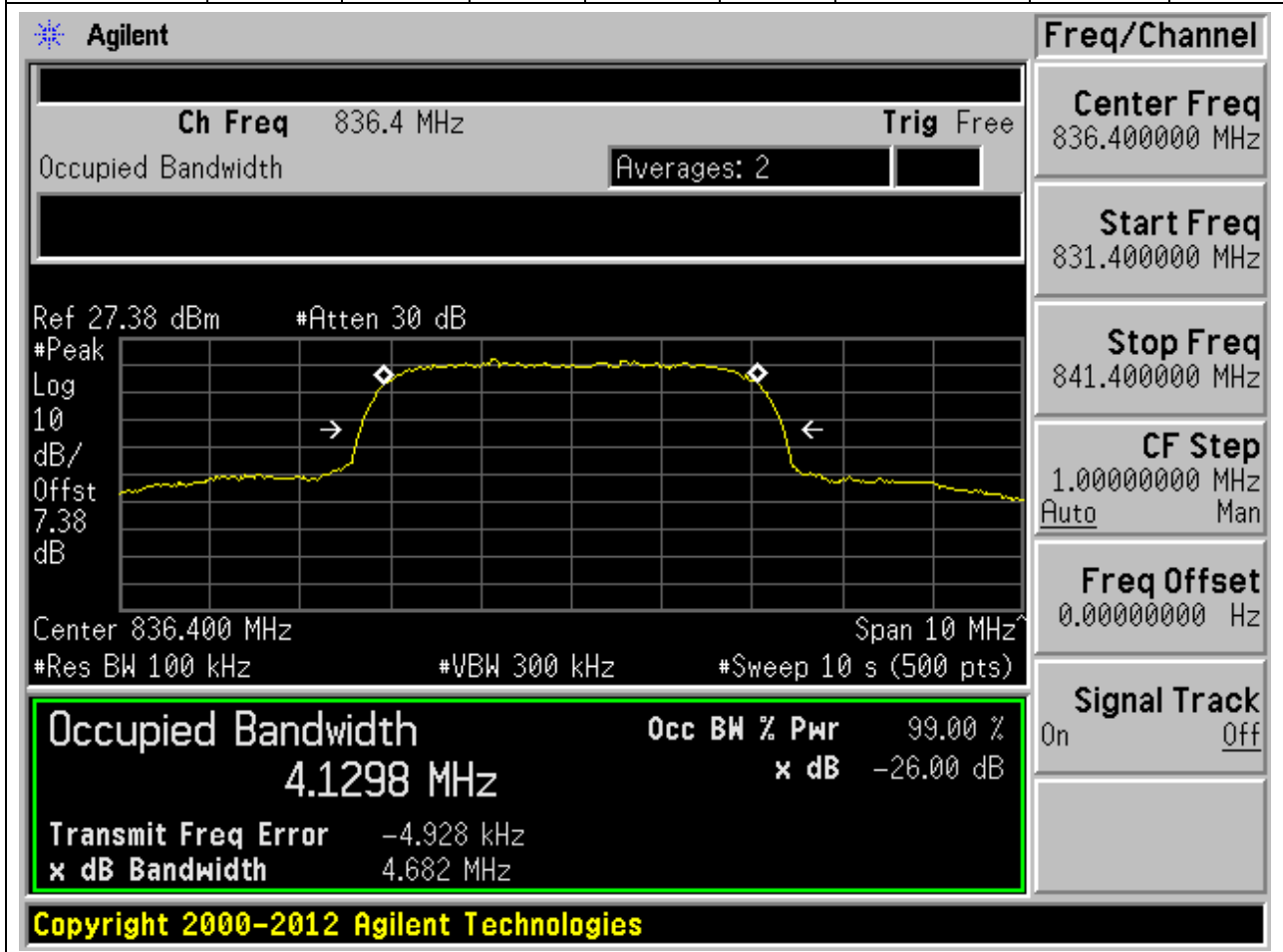
7. WCDMA_Band5

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

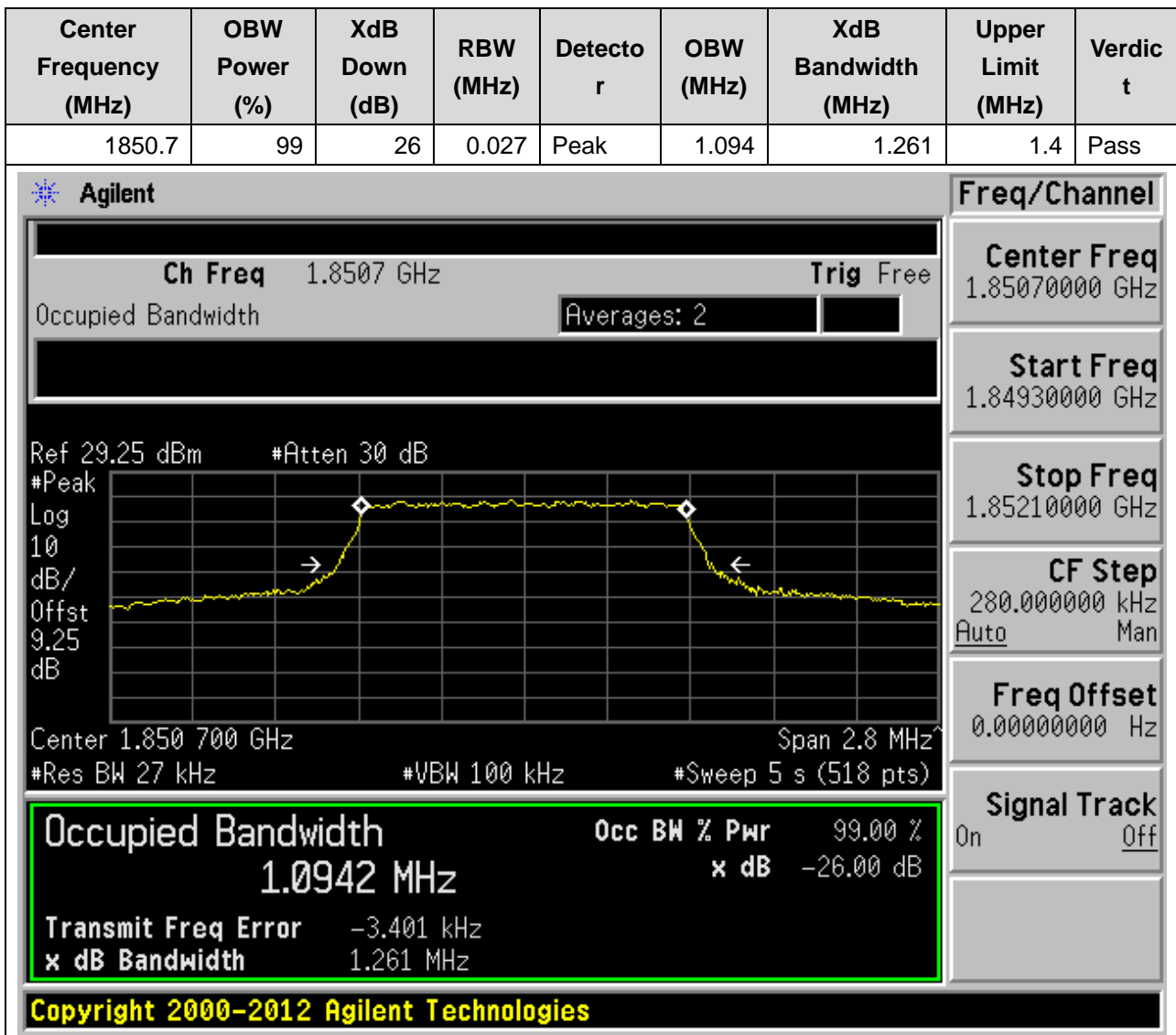
Auto Man

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

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)

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

Occupied Bandwidth

1.0977 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

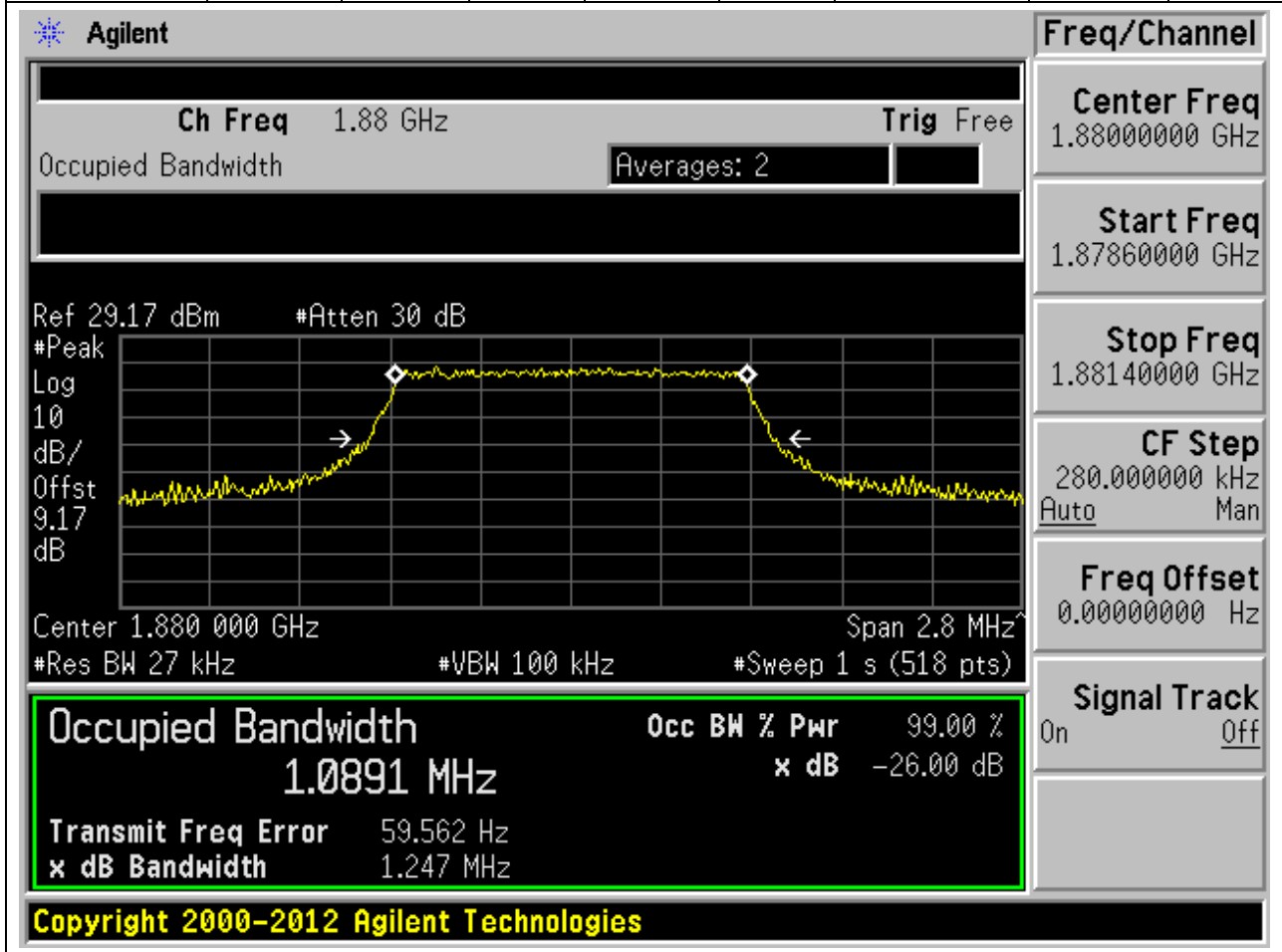
Transmit Freq Error 755.794 Hz

x dB Bandwidth 1.259 MHz

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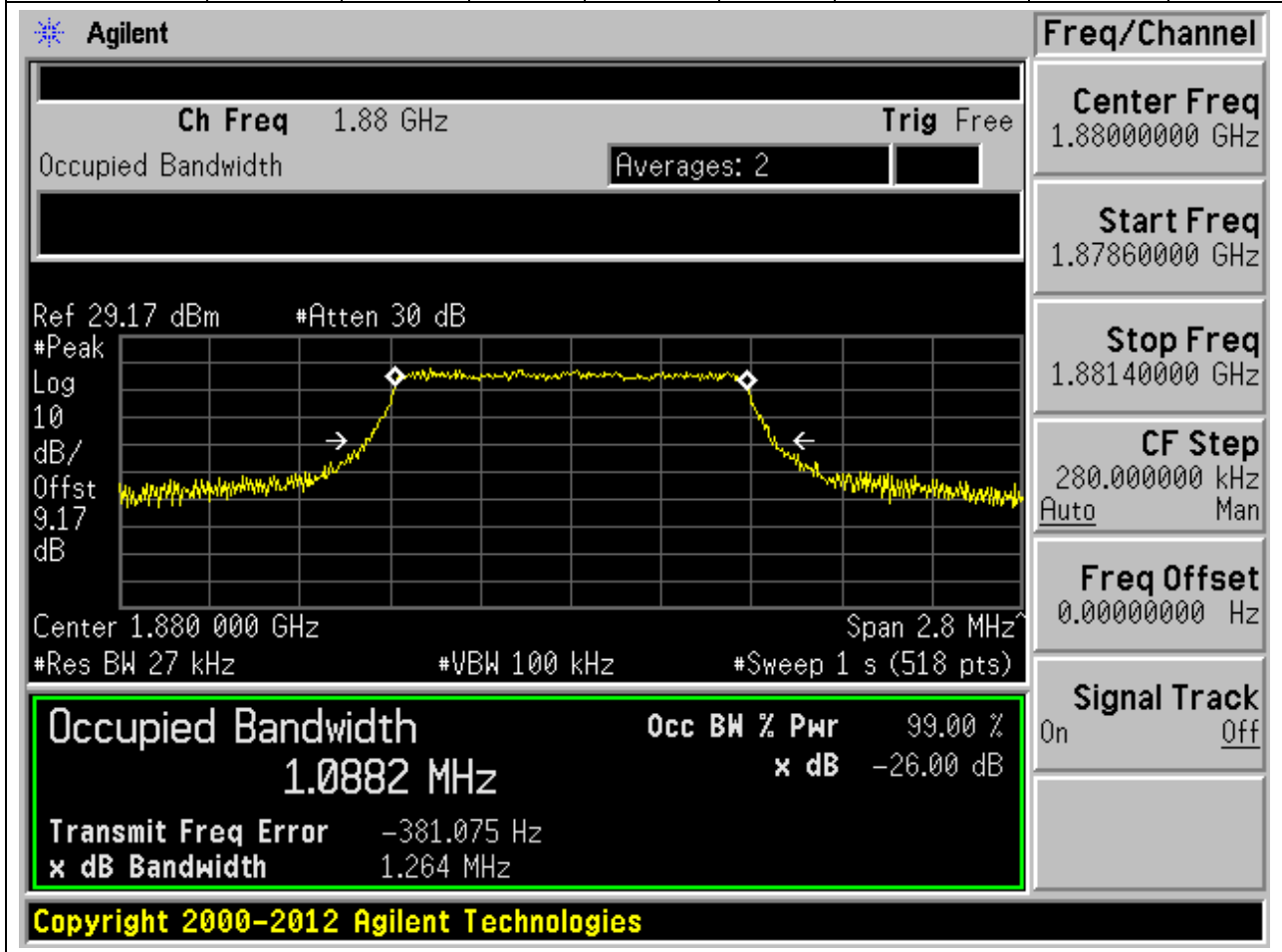
8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

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	Occ BW % Pwr	99.00 %
1.0942 MHz	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

#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 -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

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

Ref 29.25 dBm #Atten 30 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

2.7150 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

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)

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

2.7080 MHz

Occ BW % Pwr 99.00 %

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

Ref 29.17 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.17

dB

Center 1.880 000 GHz Span 6 MHz

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

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	Occ BW % Pwr	99.00 %
2.7058 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.892 kHz	
x dB Bandwidth	3.048 MHz	

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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

2.7149 MHz

Transmit Freq Error -4.136 kHz

x dB Bandwidth 3.053 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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 Occ BW % Pwr 99.00 %

2.7083 MHz 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

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

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)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.5092 MHz	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

Transmit Freq Error -3.019 kHz

x dB Bandwidth 4.958 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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	Occ BW % Pwr	99.00 %
4.5077 MHz	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
4.4953 MHz

Transmit Freq Error -5.541 kHz

x dB Bandwidth 4.951 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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)

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

8.9887 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.801 kHz

x dB Bandwidth 9.894 MHz

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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)

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	

Signal Track
On Off

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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

Center 1.880 00 GHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Center Freq
1.88000000 GHz

Start Freq
1.87000000 GHz

Stop Freq
1.89000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

8.9586 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 5.683 kHz

x dB Bandwidth 9.856 MHz

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

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 spectrum plot with a yellow trace representing the signal. The plot is centered at 1.88 GHz with a span of 20 MHz. The signal level is approximately 29.17 dBm, and the attenuation is 30 dB. The occupied bandwidth is highlighted with a green box, showing a value of 8.9913 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. The transmit frequency error is 3.808 kHz. The interface also shows various settings such as resolution bandwidth (200 kHz), video bandwidth (620 kHz), and sweep time (1 s).

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)

Center Freq 1.90500000 GHz

Start Freq 1.89500000 GHz

Stop Freq 1.91500000 GHz

CF Step 2.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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

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

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

#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 %
8.9762 MHz	x dB	-26.00 dB
Transmit Freq Error	-9.875 kHz	
x dB Bandwidth	9.936 MHz	

Signal Track
On Off

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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

13.5021 MHz

Occ BW % Pwr 99.00 %

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)

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 %
13.5149 MHz	x dB	-26.00 dB
Transmit Freq Error		-2.755 kHz
x dB Bandwidth		14.995 MHz

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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)

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

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.529	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

Ref 29.34 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.35

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

Signal Track

On Off

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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)

Center Freq
1.86000000 GHz

Start Freq
1.84000000 GHz

Stop Freq
1.88000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9634 MHz	x dB	-26.00 dB
<hr/>		
Transmit Freq Error	-12.927 kHz	
x dB Bandwidth	19.629 MHz	

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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

Agilent
Freq/Channel

Ch Freq 1.86 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 1.860 00 GHz Span 40 MHz
#Res BW 390 kHz #VBW 1.2 MHz #Sweep 1 s (512 pts)

Center Freq
1.86000000 GHz

Start Freq
1.84000000 GHz

Stop Freq
1.88000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth
17.9748 MHz

Transmit Freq Error -27.837 kHz
x dB Bandwidth 19.688 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

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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

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

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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

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)

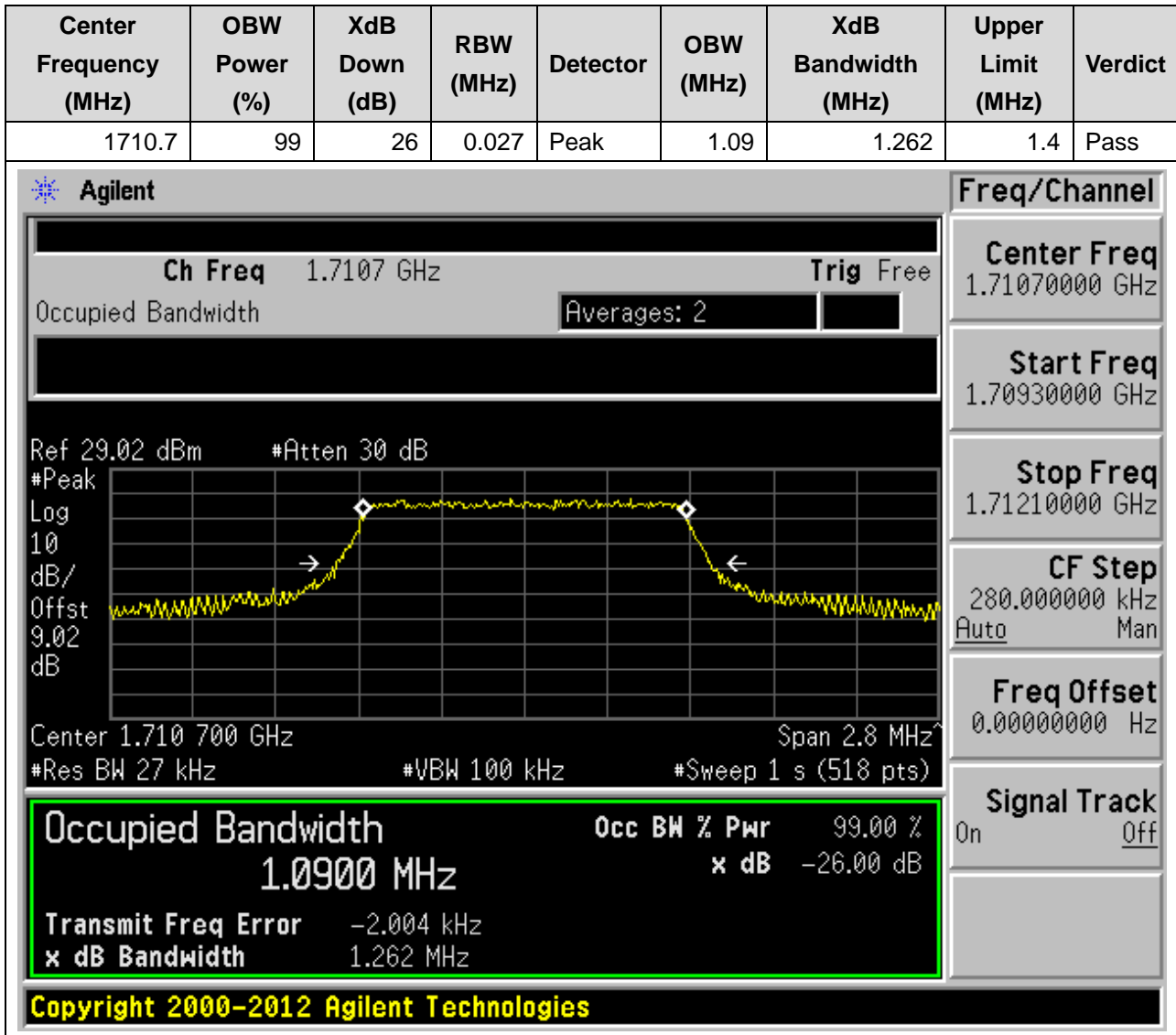
Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9301 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.302 kHz	
x dB Bandwidth	19.757 MHz	

Signal Track
On Off

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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

1.1005 MHz

Occ BW % Pwr 99.00 %

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)

Center Freq
1.73250000 GHz

Start Freq
1.73110000 GHz

Stop Freq
1.73390000 GHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

1.0927 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -678.657 Hz

x dB Bandwidth 1.250 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.088	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)

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

Signal Track

On Off

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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

Ref 29.06 dBm #Atten 30 dB

Center 1.754 300 GHz Span 2.8 MHz

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

Center Freq 1.75430000 GHz

Start Freq 1.75290000 GHz

Stop Freq 1.75570000 GHz

CF Step 280.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0909 MHz 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)

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 %

2.7138 MHz x dB -26.00 dB

Transmit Freq Error 367.988 Hz

x dB Bandwidth 3.032 MHz

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

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

2.7147 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

#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 %

2.7127 MHz

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

2.7110 MHz

Occ BW % Pwr 99.00 %

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

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)

Center Freq 1.71250000 GHz

Start Freq 1.70750000 GHz

Stop Freq 1.71750000 GHz

CF Step 1.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5076 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

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 %

4.5059 MHz x dB -26.00 dB

Transmit Freq Error -2.521 kHz

x dB Bandwidth 4.962 MHz

Signal Track

On Off

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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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5002 MHz x dB -26.00 dB

Transmit Freq Error -5.954 kHz

x dB Bandwidth 4.986 MHz

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

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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

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

Transmit Freq Error -1.166 kHz

x dB Bandwidth 4.989 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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

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

Transmit Freq Error -5.235 kHz

x dB Bandwidth 4.951 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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)

Occupied Bandwidth

4.5170 MHz

Transmit Freq Error -129.900 Hz

x dB Bandwidth 4.976 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Signal Track

On Off

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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

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 1.715 GHz. The plot parameters include: 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). The plot shows a signal with a peak at 1.715 GHz and a bandwidth of 8.9857 MHz. The signal is measured at -26.00 dB. The plot also shows the "Occupied Bandwidth" and "Occ BW % Pwr" (99.00 %) and "x dB" (-26.00 dB). The plot also shows the "Transmit Freq Error" (12.971 kHz) and "x dB Bandwidth" (9.893 MHz). The plot also shows the "Signal Track" (On) and "Off" options.

Occupied Bandwidth 8.9857 MHz

Occ BW % Pwr 99.00 %

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)

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 %
8.9884 MHz	x dB	-26.00 dB
Transmit Freq Error	18.440 kHz	
x dB Bandwidth	9.932 MHz	

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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)

Center Freq 1.73250000 GHz

Start Freq 1.72250000 GHz

Stop Freq 1.74250000 GHz

CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9785 MHz x dB -26.00 dB

Transmit Freq Error -6.263 kHz

x dB Bandwidth 9.871 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.972	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

#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)

Center Freq 1.73250000 GHz

Start Freq 1.72250000 GHz

Stop Freq 1.74250000 GHz

CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9718 MHz 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

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

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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5293 MHz	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				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">24.489 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">14.913 MHz</td> </tr> </table>			Transmit Freq Error	24.489 kHz	x dB Bandwidth	14.913 MHz
Transmit Freq Error	24.489 kHz					
x dB Bandwidth	14.913 MHz					

CF Step	3.00000000 MHz
	Auto Man
Freq Offset	0.00000000 Hz
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)

Center Freq 1.73250000 GHz

Start Freq 1.71750000 GHz

Stop Freq 1.74750000 GHz

CF Step 3.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

13.4376 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.323 kHz

x dB Bandwidth 14.851 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.475	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

#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)

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
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

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				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">41.915 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.638 MHz</td> </tr> </table>			Transmit Freq Error	41.915 kHz	x dB Bandwidth	19.638 MHz
Transmit Freq Error	41.915 kHz					
x dB Bandwidth	19.638 MHz					

Signal Track	On Off
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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

#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 %				
17.8839 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;">8.864 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.604 MHz</td> </tr> </table>			Transmit Freq Error	8.864 kHz	x dB Bandwidth	19.604 MHz
Transmit Freq Error	8.864 kHz					
x dB Bandwidth	19.604 MHz					

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

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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)

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

17.9248 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -7.913 kHz

x dB Bandwidth 19.783 MHz

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.993	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

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Center Freq
1.74500000 GHz

Start Freq
1.72500000 GHz

Stop Freq
1.76500000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

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

Center Freq 1.74500000 GHz

Start Freq 1.72500000 GHz

Stop Freq 1.76500000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

17.9925 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

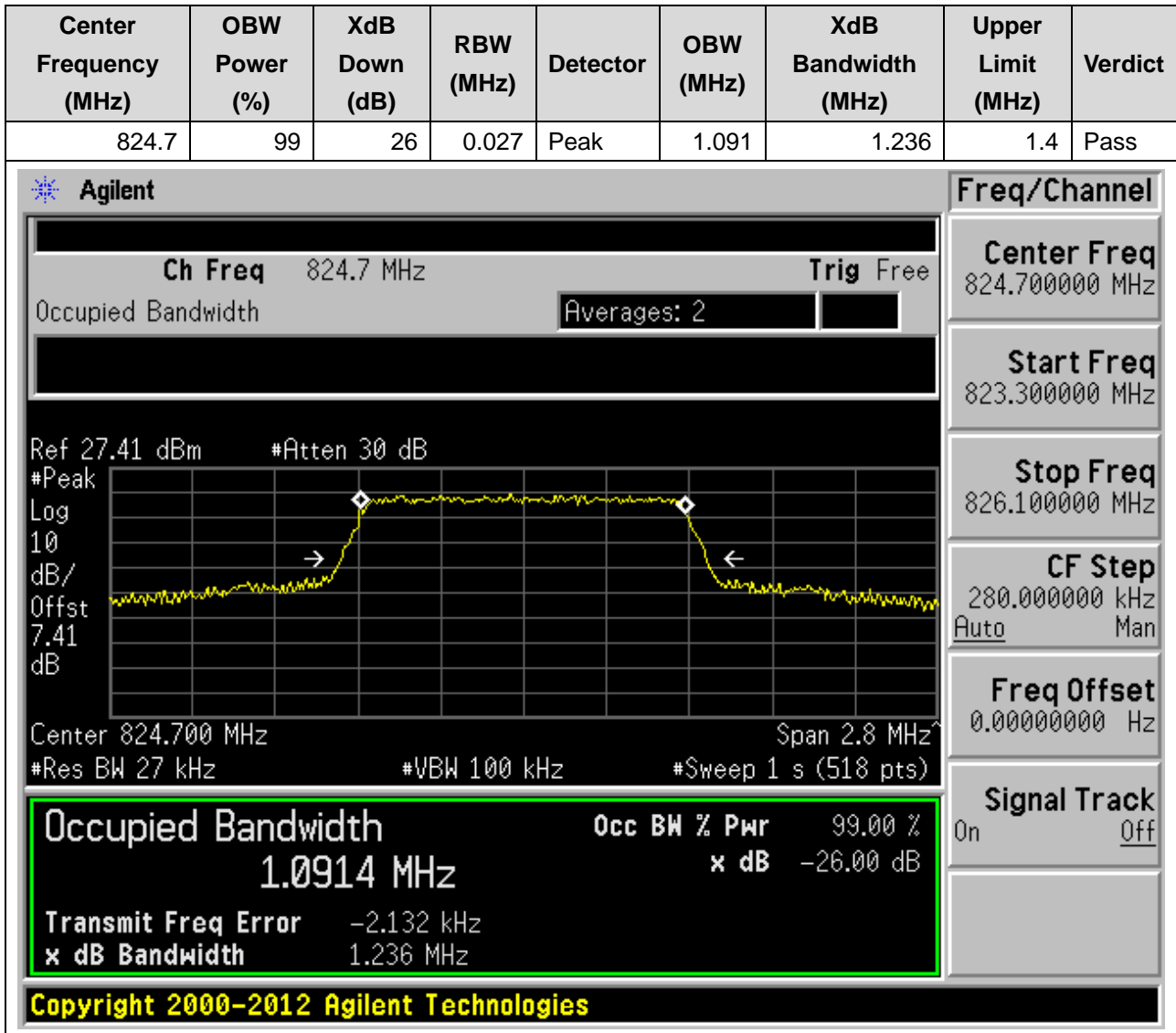
Transmit Freq Error -34.128 kHz

x dB Bandwidth 19.577 MHz

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10. LTE_Band5

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



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

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

Agilent
Freq/Channel

Ch Freq 824.7 MHz Trig Free

Occupied Bandwidth Averages: 2

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

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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

1.0942 MHz x dB -26.00 dB

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)

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 %
1.0919 MHz	x dB	-26.00 dB
Transmit Freq Error -299.246 Hz		
x dB Bandwidth 1.244 MHz		

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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

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

1.0920 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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
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

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

2.7168 MHz

Occ BW % Pwr 99.00 %

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

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

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

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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

2.7057 MHz

Occ BW % Pwr 99.00 %

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

Center Freq 847.500000 MHz

Start Freq 844.500000 MHz

Stop Freq 850.500000 MHz

CF Step 600.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Ref 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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

2.7115 MHz x dB -26.00 dB

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

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

#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)

Center Freq
826.500000 MHz

Start Freq
821.500000 MHz

Stop Freq
831.500000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

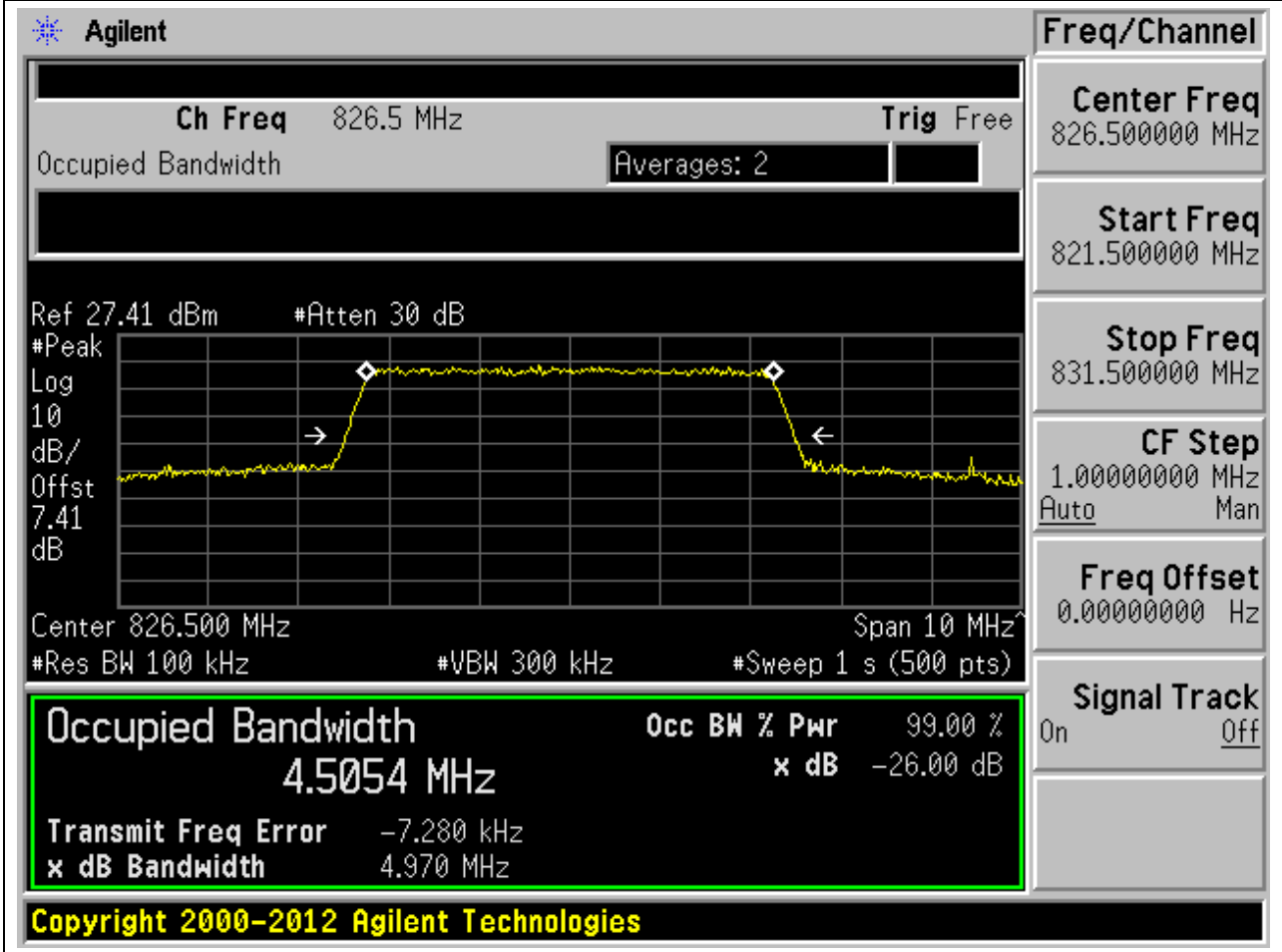
Signal Track
On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5177 MHz	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



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)

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

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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)

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

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

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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

Transmit Freq Error -1.762 kHz

x dB Bandwidth 4.985 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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

4.5036 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

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

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	Occ BW % Pwr	99.00 %
8.9701 MHz	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)

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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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

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

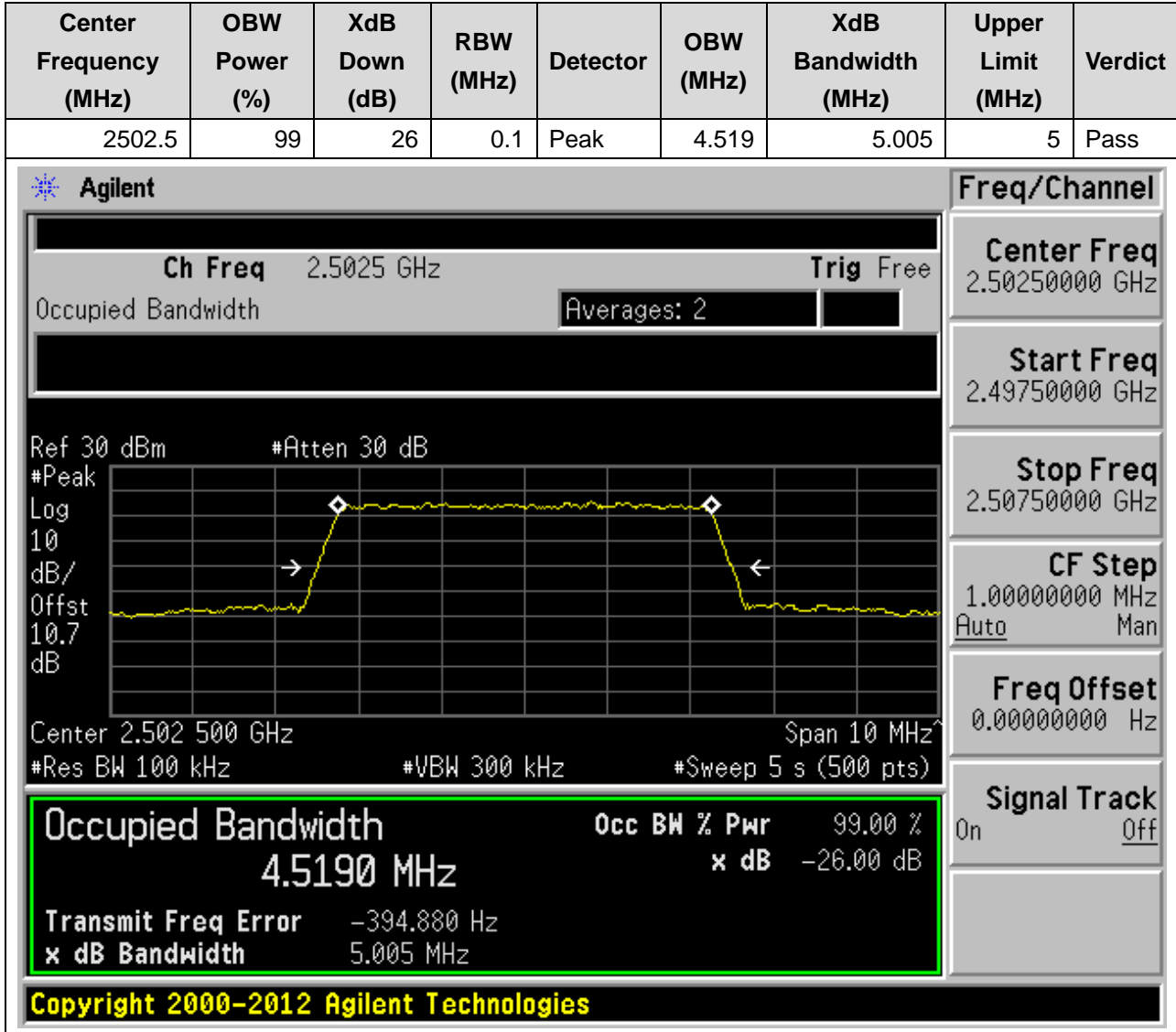
Transmit Freq Error 5.212 kHz

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	Occ BW % Pwr	99.00 %
4.5009 MHz	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
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

#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 %

4.5306 MHz 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

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

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

9.0015 MHz

Occ BW % Pwr 99.00 %

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)

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 %
8.9947 MHz	x dB	-26.00 dB
Transmit Freq Error		8.826 kHz
x dB Bandwidth		9.931 MHz

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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 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

8.9681 MHz

Occ BW % Pwr 99.00 %

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

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)

Center Freq
2.53500000 GHz

Start Freq
2.52500000 GHz

Stop Freq
2.54500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

9.0000 MHz

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

9.0139 MHz

Transmit Freq Error -140.720 Hz

x dB Bandwidth 9.972 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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

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 %
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

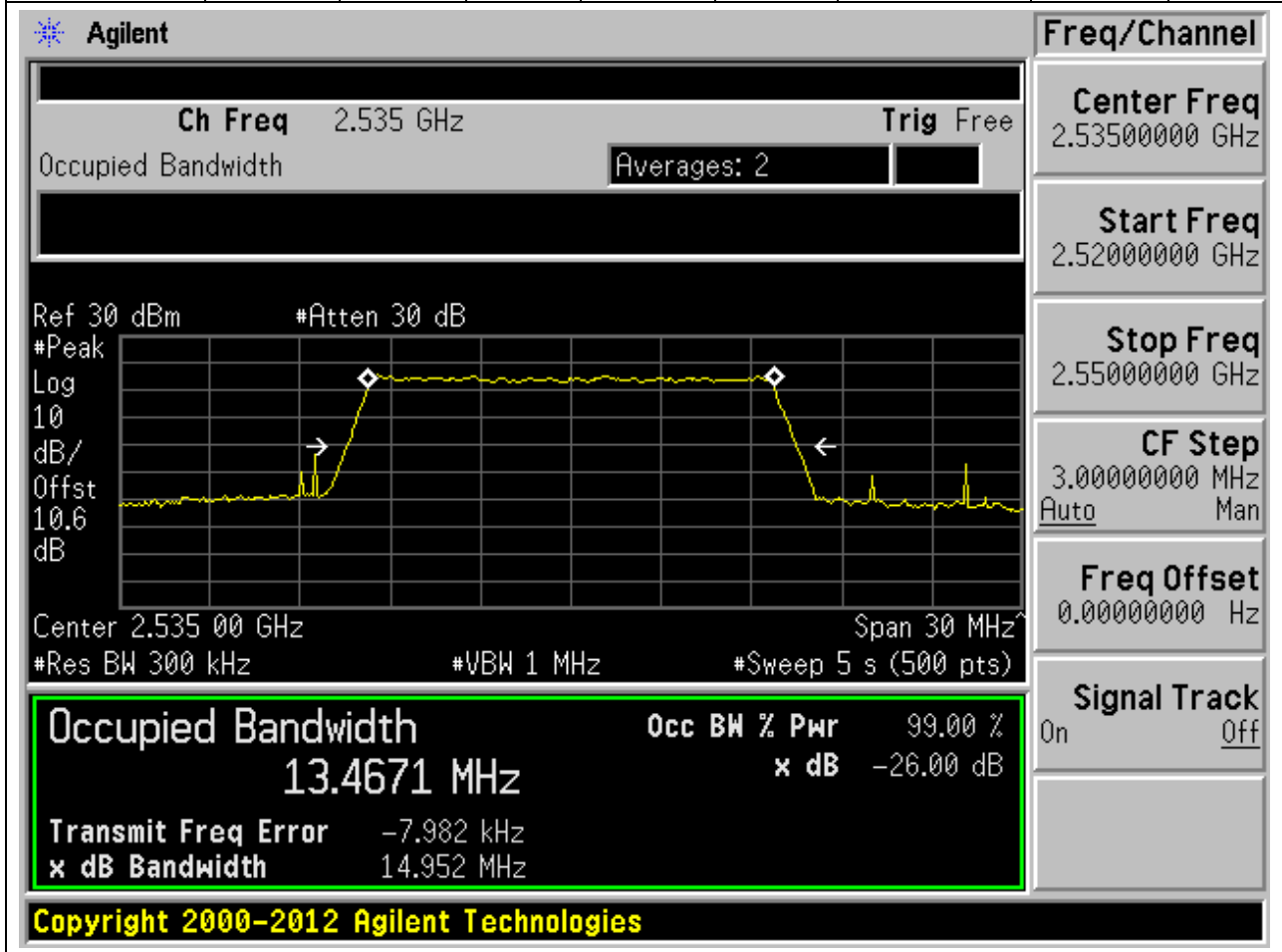
Signal Track
On Off

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



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	Occ BW % Pwr	99.00 %
13.5191 MHz	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

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
13.4997 MHz

Transmit Freq Error -21.432 kHz

x dB Bandwidth 15.089 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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

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

#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)

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

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				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">28.124 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">19.826 MHz</td> </tr> </table>			Transmit Freq Error	28.124 kHz	x dB Bandwidth	19.826 MHz
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

#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	Occ BW % Pwr	99.00 %
18.0164 MHz	x dB	-26.00 dB
Transmit Freq Error		-20.672 kHz
x dB Bandwidth		19.912 MHz

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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	Occ BW % Pwr 99.00 %
17.9576 MHz	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

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

4.4864 MHz

Occ BW % Pwr 99.00 %

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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4992 MHz	x dB	-26.00 dB
Transmit Freq Error		-2.822 kHz
x dB Bandwidth		4.986 MHz

Signal Track
On Off

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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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

8.9610 MHz x dB -26.00 dB

Transmit Freq Error 24.693 kHz

x dB Bandwidth 9.921 MHz

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

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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

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

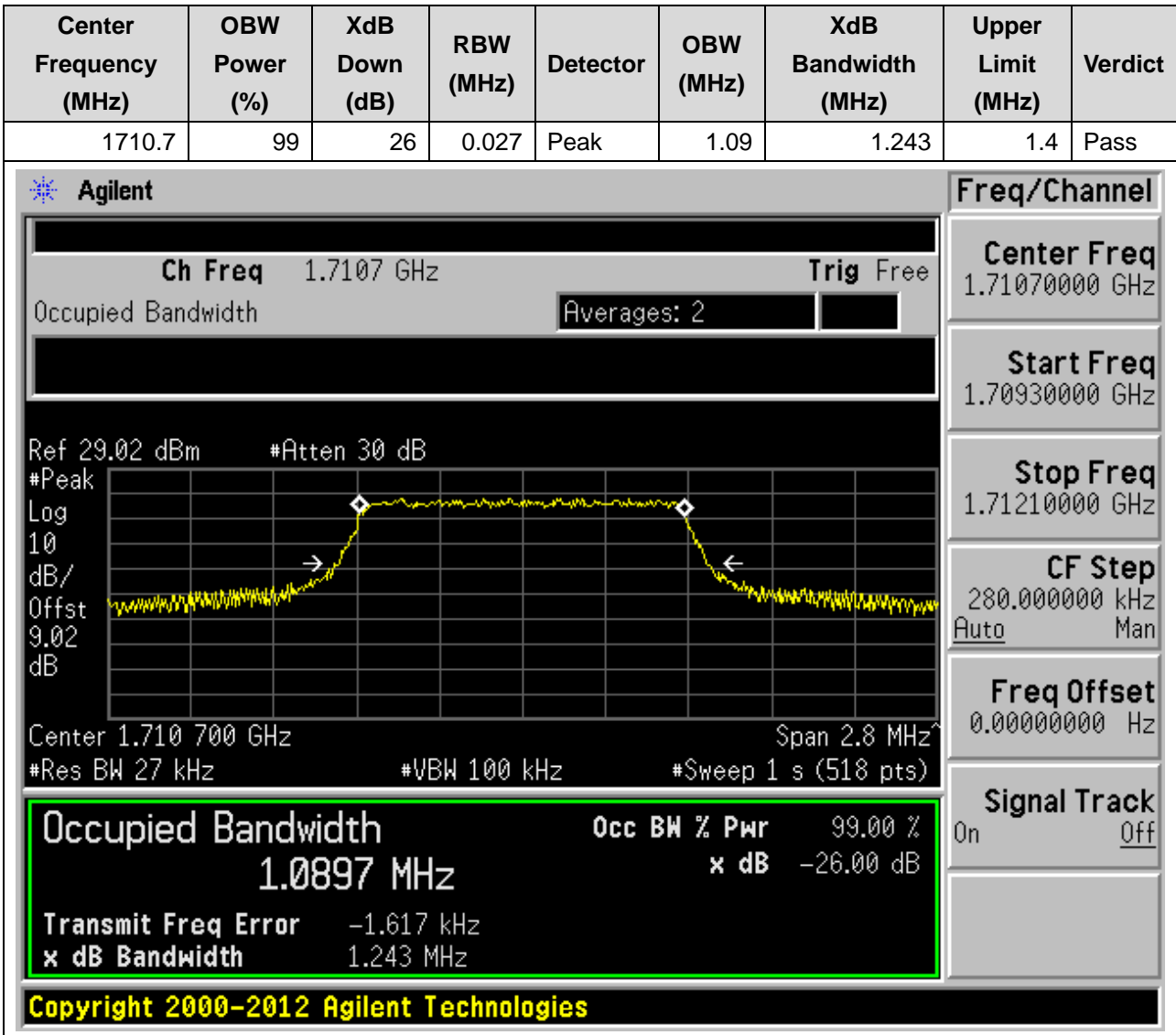
Signal Track
On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9468 MHz	x dB	-26.00 dB
Transmit Freq Error		30.402 kHz
x dB Bandwidth		9.904 MHz

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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

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 %

1.0983 MHz 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

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

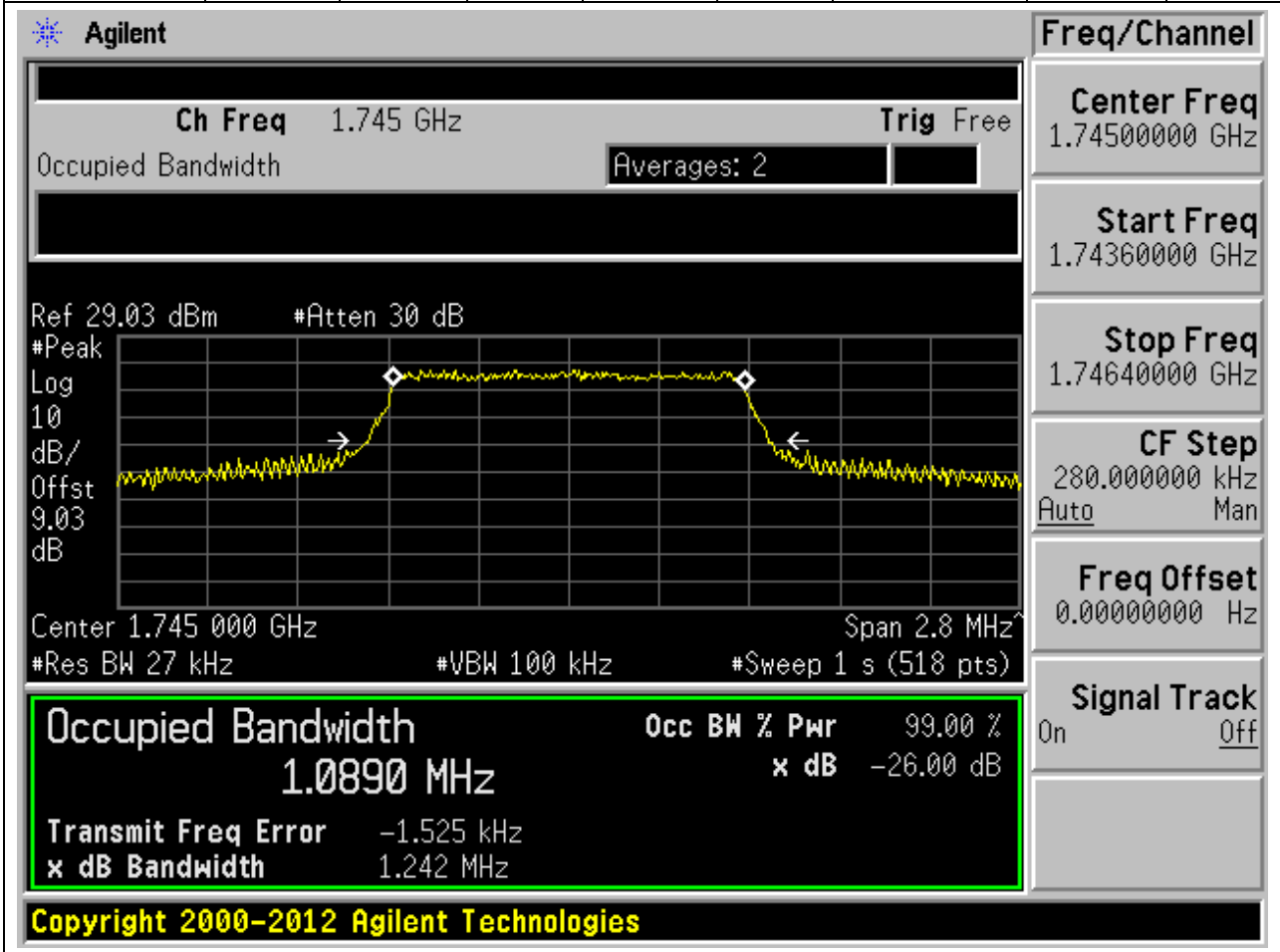
Transmit Freq Error -1.610 kHz

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



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 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

2.7168 MHz

Occ BW % Pwr 99.00 %

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)

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

2.7106 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.776 kHz

x dB Bandwidth 3.043 MHz

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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

#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 %
2.7094 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

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

4.5130 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -7.489 kHz

x dB Bandwidth 4.993 MHz

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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

#Peak
Log

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 %
4.5023 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.549 kHz	
x dB Bandwidth	4.936 MHz	

Signal Track

On
Off

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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

Ref 29.03 dBm #Atten 30 dB

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

Occupied Bandwidth

4.5021 MHz

Transmit Freq Error -7.612 kHz

x dB Bandwidth 5.005 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Signal Track

On Off

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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

Ref 29.03 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.03 dB

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

Transmit Freq Error -7.552 kHz

x dB Bandwidth 4.967 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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

4.4969 MHz

Occ BW % Pwr 99.00 %

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

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

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)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.5077 MHz

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

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)

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 %
8.9773 MHz	x dB	-26.00 dB
<hr/>		
Transmit Freq Error	11.575 kHz	
x dB Bandwidth	9.896 MHz	

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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

#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	Occ BW % Pwr	99.00 %
8.9853 MHz	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

#Peak

Log

10

dB/

Offst

9.26

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	Occ BW % Pwr	99.00 %
8.9756 MHz	x dB	-26.00 dB
<hr/>		
Transmit Freq Error	7.598 kHz	
x dB Bandwidth	9.915 MHz	

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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

#Peak Log 10 dB/Offst 9.04 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

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

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)

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

13.5203 MHz **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

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

13.4777 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

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 Occ BW % Pwr 99.00 %

13.5090 MHz 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

17.9582 MHz

Occ BW % Pwr 99.00 %

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)

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 %				
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					

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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)

Center Freq

1.74500000 GHz

Start Freq

1.72500000 GHz

Stop Freq

1.76500000 GHz

CF Step

4.00000000 MHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9583 MHz	x dB	-26.00 dB
Transmit Freq Error		-42.489 kHz
x dB Bandwidth		19.651 MHz

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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

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)

Center Freq 1.74500000 GHz

Start Freq 1.72500000 GHz

Stop Freq 1.76500000 GHz

CF Step 4.00000000 MHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Occupied Bandwidth

17.9860 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

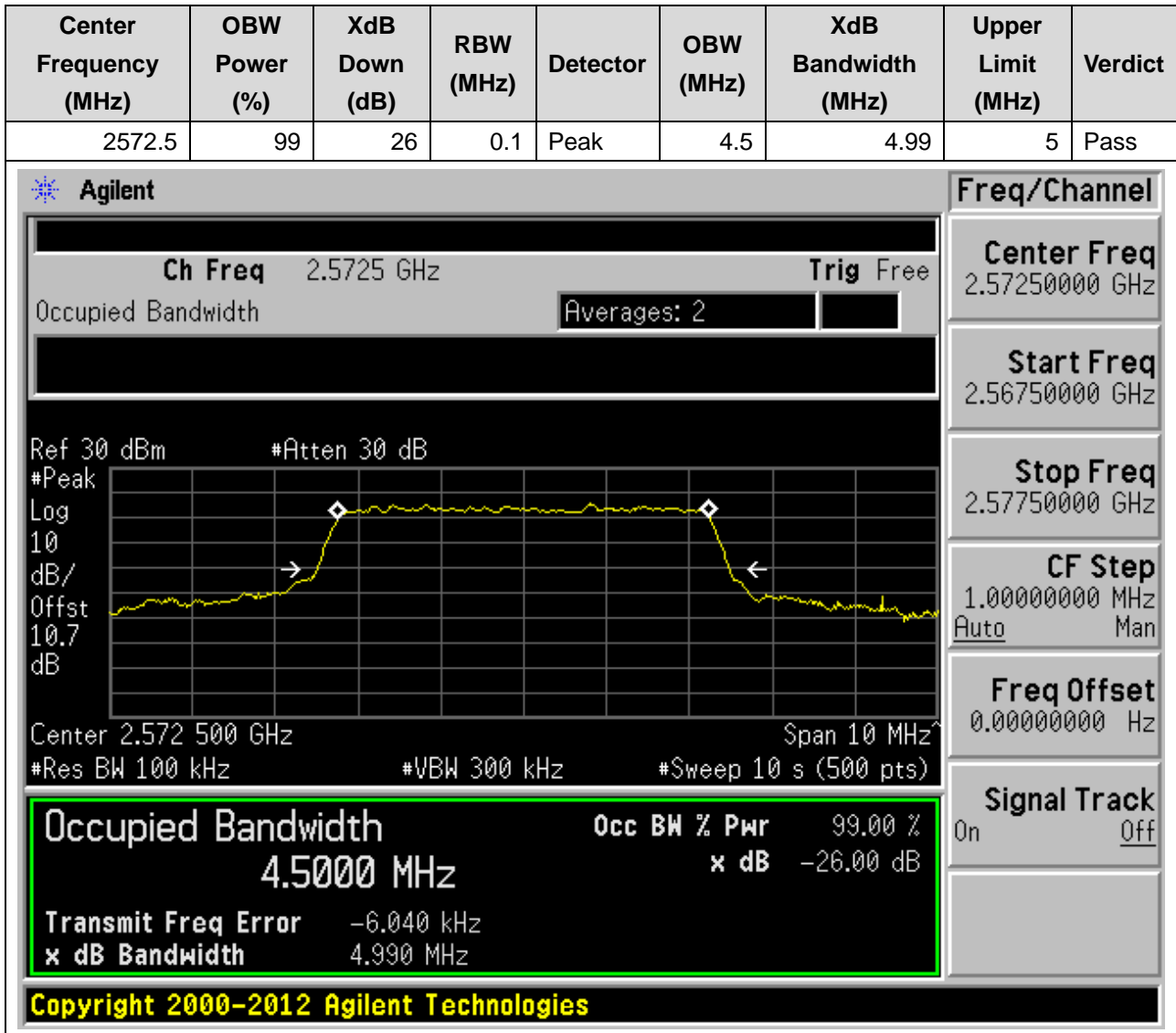
Signal Track On Off

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

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.7 dB

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	Occ BW % Pwr	99.00 %
4.5145 MHz	x dB	-26.00 dB
<hr/>		
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

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

4.4936 MHz

Occ BW % Pwr 99.00 %

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	Occ BW % Pwr	99.00 %
4.5016 MHz	x dB	-26.00 dB
Transmit Freq Error		-1.698 kHz
x dB Bandwidth		5.098 MHz

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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				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">25.549 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">9.913 MHz</td> </tr> </table>			Transmit Freq Error	25.549 kHz	x dB Bandwidth	9.913 MHz
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

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 %

8.9950 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

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

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

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

9.0186 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 3.610 kHz

x dB Bandwidth 10.031 MHz

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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

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

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)

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

13.5322 MHz **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

#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 %				
13.4743 MHz	x dB	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Transmit Freq Error</td> <td>22.904 kHz</td> </tr> <tr> <td>x dB Bandwidth</td> <td>15.363 MHz</td> </tr> </table>			Transmit Freq Error	22.904 kHz	x dB Bandwidth	15.363 MHz
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)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4938 MHz	x dB	-26.00 dB
Transmit Freq Error	2.452 kHz	
x dB Bandwidth	15.472 MHz	

Signal Track
On Off

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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

Ref 30 dBm #Peak
#Atten 30 dB

Log 10 dB/Offst 10.6 dB
Span 30 MHz

Center 2.612 50 GHz
#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	

Signal Track
On Off

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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

18.0271 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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

#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 %
17.9748 MHz	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	Occ BW % Pwr	99.00 %
17.9922 MHz	x dB	-26.00 dB
<hr/>		
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

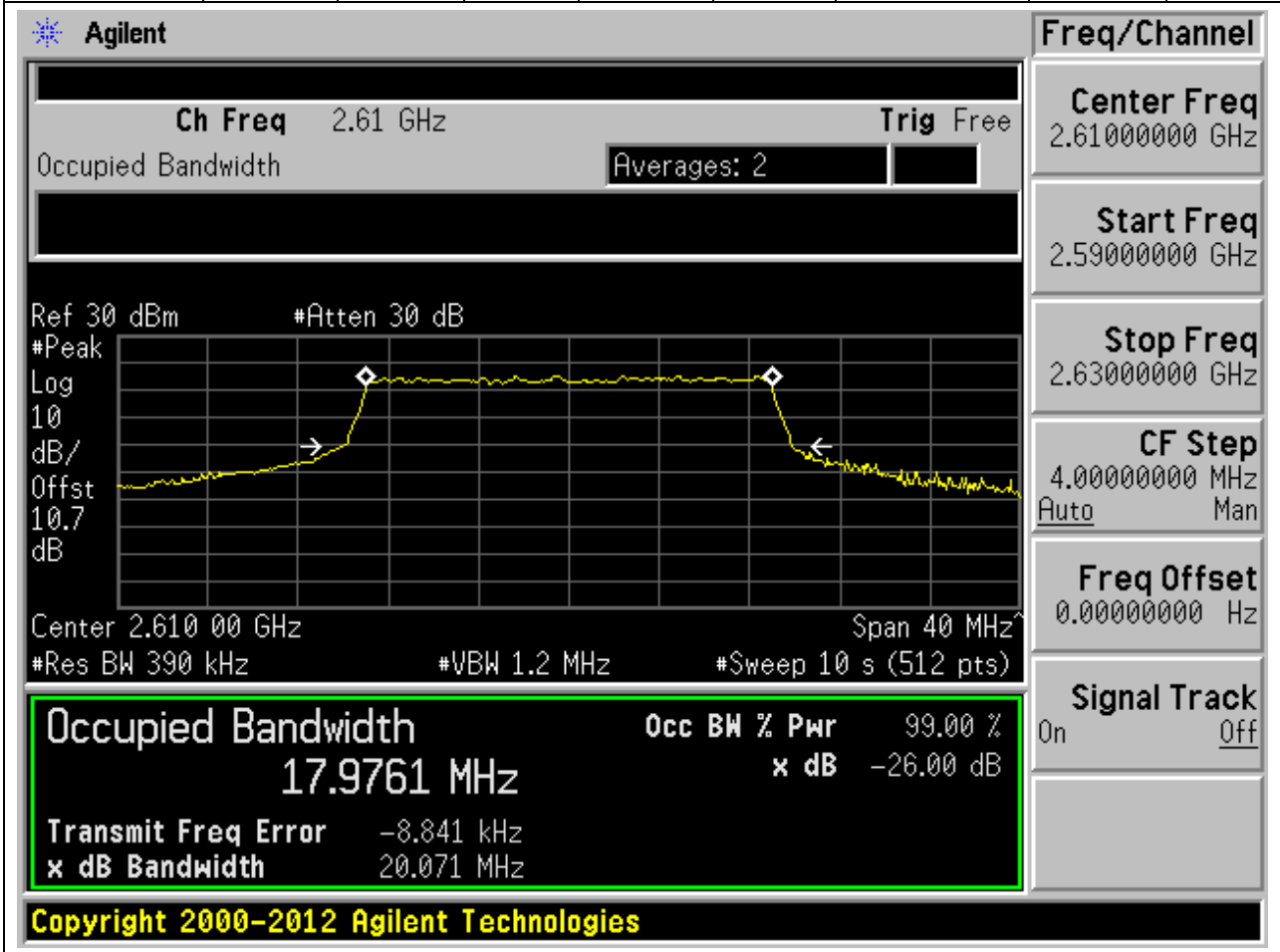
Signal Track On Off

Occupied Bandwidth	Occ BW % Pwr	99.00 %				
17.9733 MHz	x dB	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">20.190 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">20.135 MHz</td> </tr> </table>			Transmit Freq Error	20.190 kHz	x dB Bandwidth	20.135 MHz
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

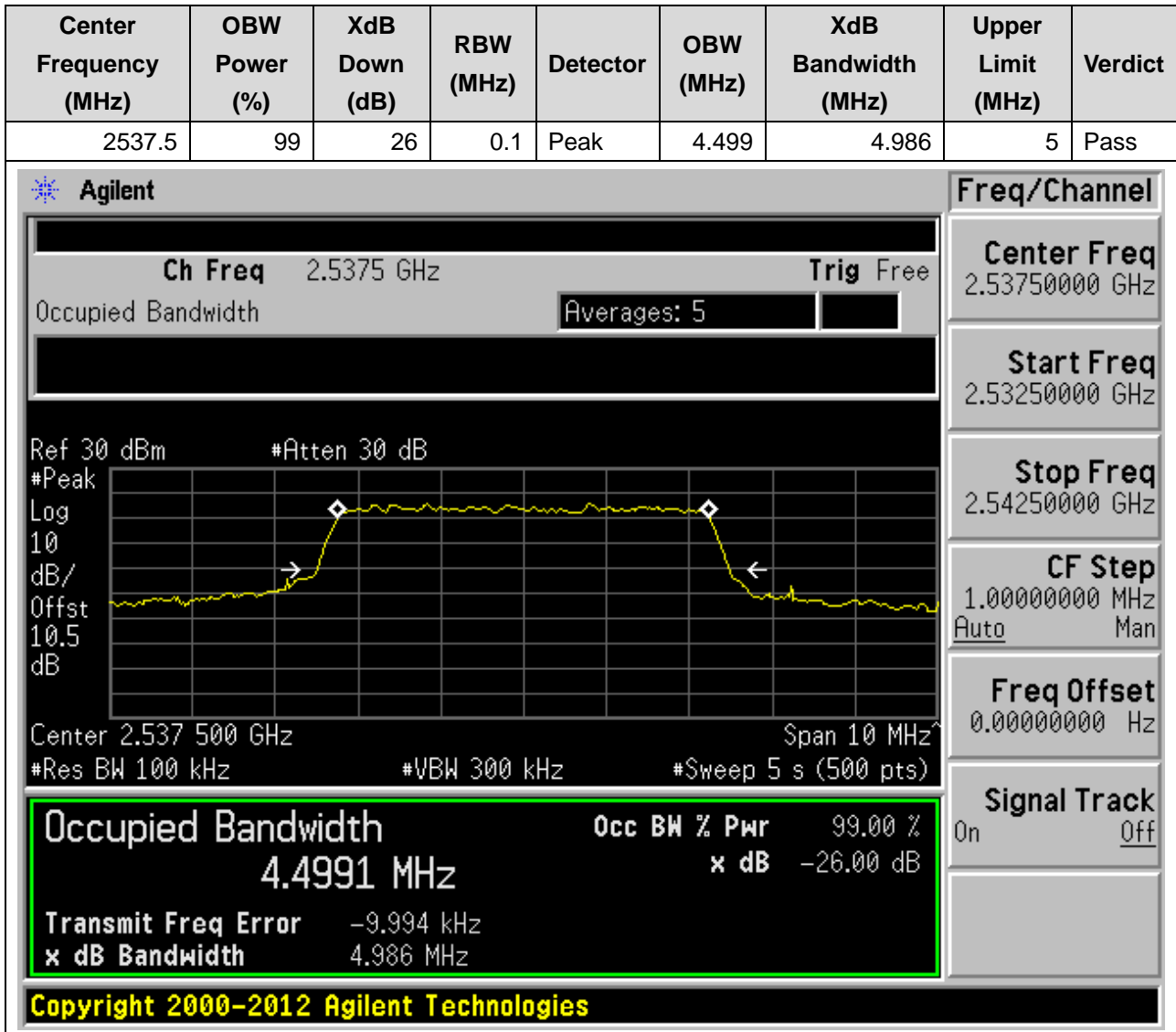
x dB Bandwidth 19.834 MHz

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
4.4925 MHz

Transmit Freq Error -2.175 kHz

x dB Bandwidth 5.042 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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	Occ BW % Pwr	99.00 %
4.4902 MHz	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	Occ BW % Pwr	99.00 %
4.4969 MHz	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

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

8.9866 MHz

Transmit Freq Error -3.292 kHz

x dB Bandwidth 9.940 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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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

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

8.9914 MHz

Occ BW % Pwr 99.00 %

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)

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

8.9568 MHz **x dB** -26.00 dB

Transmit Freq Error 5.287 kHz

x dB Bandwidth 9.923 MHz

Signal Track

On Off

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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

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

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 %
13.5591 MHz	x dB	-26.00 dB
Transmit Freq Error		-17.800 kHz
x dB Bandwidth		15.568 MHz

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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

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

Ref 30 dBm #Atten 30 dB

Center 2.542 50 GHz Span 30 MHz

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

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

13.5019 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

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	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

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

#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

13.4955 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

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
<hr/>		
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

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 %
17.9726 MHz	x dB	-26.00 dB
<hr/>		
Transmit Freq Error	-37.610 kHz	
x dB Bandwidth	20.119 MHz	

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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

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 %
17.9185 MHz	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)

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

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

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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

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

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

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 %

17.9661 MHz **x dB** -26.00 dB

Transmit Freq Error -26.937 kHz

x dB Bandwidth 19.865 MHz

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END