

**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	1.086	1.237	1.4	Pass

Agilent 11:35:50 Sep 9, 2022

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.500 MHz Span 2.8 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0865 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-902.638 Hz
<b>x dB Bandwidth</b>		1.237 MHz

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
835.100000 MHz

**Stop Freq**  
837.900000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	1.084	1.219	1.4	Pass

Agilent 11:36:00 Sep 9, 2022

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.500 MHz Span 2.8 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0837 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-273.573 Hz	
<b>x dB Bandwidth</b>	1.219 MHz	

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
835.100000 MHz

**Stop Freq**  
837.900000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	1.091	1.224	1.4	Pass

Agilent 11:36:13 Sep 9, 2022

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.26 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.26 dB

Center 848.300 MHz Span 2.8 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0906 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-2.226 kHz
<b>x dB Bandwidth</b>		1.224 MHz

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**Freq/Channel**

**Center Freq**  
848.300000 MHz

**Start Freq**  
846.900000 MHz

**Stop Freq**  
849.700000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	1.086	1.228	1.4	Pass

Agilent 11:36:24 Sep 9, 2022

Ch Freq 848.3 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.26 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.26 dB

Center 848.300 MHz Span 2.8 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0863 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	401.309 Hz	
<b>x dB Bandwidth</b>	1.228 MHz	

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**Freq/Channel**

**Center Freq**  
848.300000 MHz

**Start Freq**  
846.900000 MHz

**Stop Freq**  
849.700000 MHz

**CF Step**  
280.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.702	3.021	3	Pass

Agilent 11:36:48 Sep 9, 2022

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 8.23 dB

Center 825.500 MHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.7016 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.893 kHz	
<b>x dB Bandwidth</b>	3.021 MHz	

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**Freq/Channel**

**Center Freq**  
825.500000 MHz

**Start Freq**  
822.500000 MHz

**Stop Freq**  
828.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.701	3.025	3	Pass

Agilent 11:36:59 Sep 9, 2022

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak

Log 10

dB/Offst 8.23 dB

Center 825.500 MHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.7015 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.221 kHz	
<b>x dB Bandwidth</b>	3.025 MHz	

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**Freq/Channel**

**Center Freq**  
825.500000 MHz

**Start Freq**  
822.500000 MHz

**Stop Freq**  
828.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.697	2.997	3	Pass

Agilent 11:37:12 Sep 9, 2022

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 8.23 dB

Center 836.500 MHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6969 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.837 kHz	
<b>x dB Bandwidth</b>	2.997 MHz	

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
833.500000 MHz

**Stop Freq**  
839.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.701	3.008	3	Pass

**Agilent** 11:37:22 Sep 9, 2022

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.500 MHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.7015 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		314.977 Hz
<b>x dB Bandwidth</b>		3.008 MHz

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
833.500000 MHz

**Stop Freq**  
839.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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	2.699	3.011	3	Pass

**Agilent** 11:37:35 Sep 9, 2022

**Ch Freq** 847.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.26 dB

Center 847.500 MHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6989 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.390 kHz	
<b>x dB Bandwidth</b>	3.011 MHz	

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**Freq/Channel**

**Center Freq**  
847.500000 MHz

**Start Freq**  
844.500000 MHz

**Stop Freq**  
850.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	2.697	3.012	3	Pass

**Agilent 11:37:46 Sep 9, 2022**

**Ch Freq** 847.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.26 dB

Center 847.500 MHz Span 6 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6971 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.974 kHz	
<b>x dB Bandwidth</b>	3.012 MHz	

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**Freq/Channel**

**Center Freq**  
847.500000 MHz

**Start Freq**  
844.500000 MHz

**Stop Freq**  
850.500000 MHz

**CF Step**  
600.000000 kHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.506	4.989	5	Pass

Agilent 11:38:10 Sep 9, 2022

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 826.500 MHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5062 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.812 kHz	
<b>x dB Bandwidth</b>	4.989 MHz	

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**Freq/Channel**

**Center Freq**  
826.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
831.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.501	4.925	5	Pass

Agilent 11:38:21 Sep 9, 2022

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 8.23 dB

Center 826.500 MHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5006 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.886 kHz	
<b>x dB Bandwidth</b>	4.925 MHz	

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**Freq/Channel**

**Center Freq**  
826.500000 MHz

**Start Freq**  
821.500000 MHz

**Stop Freq**  
831.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.497	4.968	5	Pass

**Agilent** 11:38:34 Sep 9, 2022

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.500 MHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4973 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.975 kHz	
<b>x dB Bandwidth</b>	4.968 MHz	

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
831.500000 MHz

**Stop Freq**  
841.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.509	4.955	5	Pass

**Agilent** 11:38:44 Sep 9, 2022

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.500 MHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>4.5085 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-2.224 kHz
<b>x dB Bandwidth</b>	4.955 MHz

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
831.500000 MHz

**Stop Freq**  
841.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.502	4.948	5	Pass

**Agilent** 11:38:57 Sep 9, 2022

**Ch Freq** 846.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.25 dB

Center 846.500 MHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5023 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-28.231 Hz	
<b>x dB Bandwidth</b>	4.948 MHz	

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**Freq/Channel**

**Center Freq**  
846.500000 MHz

**Start Freq**  
841.500000 MHz

**Stop Freq**  
851.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.511	5.004	5	Pass

**Agilent** 11:39:08 Sep 9, 2022

**Ch Freq** 846.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.25 dB

Center 846.500 MHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5110 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.799 kHz	
<b>x dB Bandwidth</b>	5.004 MHz	

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**Freq/Channel**

**Center Freq**  
846.500000 MHz

**Start Freq**  
841.500000 MHz

**Stop Freq**  
851.500000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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	8.982	9.899	10	Pass

**Agilent** 11:39:32 Sep 9, 2022

**Ch Freq** 829 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 829.00 MHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9819 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-8.359 kHz
<b>x dB Bandwidth</b>		9.899 MHz

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**Freq/Channel**

**Center Freq**  
829.000000 MHz

**Start Freq**  
819.000000 MHz

**Stop Freq**  
839.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.965	9.803	10	Pass

Agilent 11:39:42 Sep 9, 2022

Ch Freq 829 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 829.00 MHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9654 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.436 kHz	
<b>x dB Bandwidth</b>	9.803 MHz	

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**Freq/Channel**

**Center Freq**  
829.000000 MHz

**Start Freq**  
819.000000 MHz

**Stop Freq**  
839.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.955	9.853	10	Pass

**Agilent** 11:39:55 Sep 9, 2022

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.50 MHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9551 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-212.142 Hz	
<b>x dB Bandwidth</b>	9.853 MHz	

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
846.500000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.956	9.795	10	Pass

**Agilent** 11:40:06 Sep 9, 2022

**Ch Freq** 836.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.50 MHz Span 20 MHz  
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>8.9558 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> 1.280 kHz	
<b>x dB Bandwidth</b> 9.795 MHz	

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**Freq/Channel**

**Center Freq**  
836.500000 MHz

**Start Freq**  
826.500000 MHz

**Stop Freq**  
846.500000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.974	9.819	10	Pass

**Agilent 11:40:19 Sep 9, 2022**

**Ch Freq** 844 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 8.24 dB

Center 844.00 MHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9744 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-9.852 kHz
<b>x dB Bandwidth</b>		9.819 MHz

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**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

**Stop Freq**  
854.000000 MHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.96	9.86	10	Pass

**Agilent** 11:40:29 Sep 9, 2022

**Ch Freq** 844 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 8.24 dB

Center 844.00 MHz Span 20 MHz

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

<b>Occupied Bandwidth</b>		<b>Occ BW % Pwr</b>	99.00 %
8.9600 MHz		<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-16.677 kHz	
<b>x dB Bandwidth</b>		9.860 MHz	

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**Freq/Channel**

**Center Freq**  
844.000000 MHz

**Start Freq**  
834.000000 MHz

**Stop Freq**  
854.000000 MHz

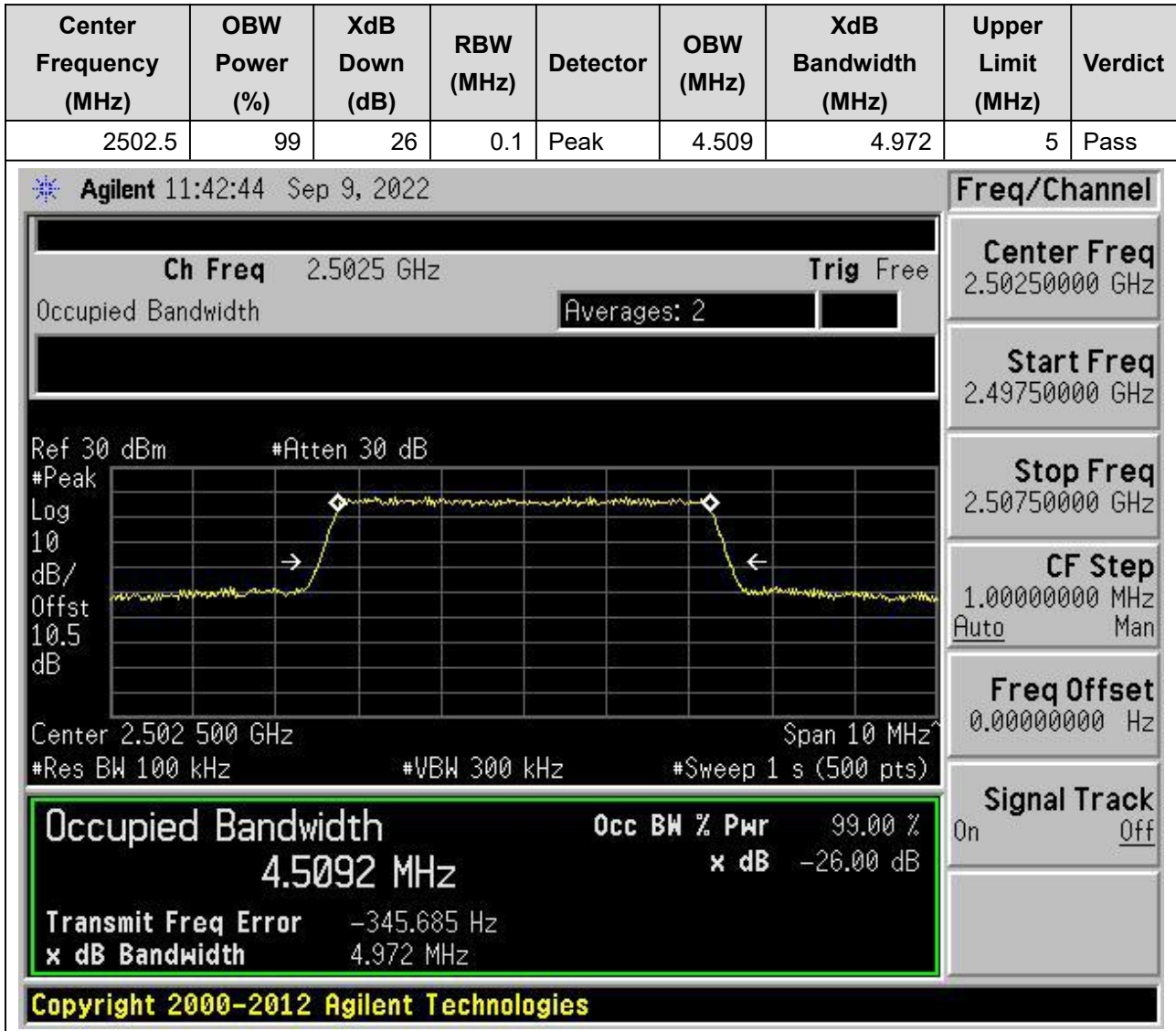
**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

## 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	4.505	4.951	5	Pass

Agilent 11:42:55 Sep 9, 2022

Ch Freq 2.5025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.502 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5046 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.226 kHz	
<b>x dB Bandwidth</b>	4.951 MHz	

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**Freq/Channel**

**Center Freq**  
2.50250000 GHz

**Start Freq**  
2.49750000 GHz

**Stop Freq**  
2.50750000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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	4.505	4.987	5	Pass

**Agilent** 11:43:08 Sep 9, 2022

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

10.5 dB

Center 2.535 000 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5046 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.838 kHz	
<b>x dB Bandwidth</b>	4.987 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.53000000 GHz

**Stop Freq**  
2.54000000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.511	4.982	5	Pass

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

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth Averages: 2

**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

Ref 30 dBm #Atten 30 dB

Center 2.535 000 GHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

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

**4.5110 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 6.432 kHz

**x dB Bandwidth** 4.982 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	4.5	4.949	5	Pass

Agilent 11:43:31 Sep 9, 2022

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.567 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5005 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.108 kHz	
<b>x dB Bandwidth</b>	4.949 MHz	

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**Freq/Channel**

**Center Freq**  
2.56750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.57250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	4.509	4.976	5	Pass

Agilent 11:43:42 Sep 9, 2022

Ch Freq 2.5675 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.567 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5088 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.980 kHz	
<b>x dB Bandwidth</b>	4.976 MHz	

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**Freq/Channel**

**Center Freq**  
2.56750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.57250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2505	99	26	0.2	Peak	8.992	9.89	10	Pass

**Agilent** 11:44:05 Sep 9, 2022

**Ch Freq** 2.505 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Center 2.505 00 GHz Span 20 MHz  
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9918 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	6.849 kHz	
<b>x dB Bandwidth</b>	9.890 MHz	

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**Freq/Channel**

**Center Freq**  
2.50500000 GHz

**Start Freq**  
2.49500000 GHz

**Stop Freq**  
2.51500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.976	9.817	10	Pass

**Agilent** 11:44:16 Sep 9, 2022

**Ch Freq** 2.505 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.505 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9757 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	8.992 kHz	
<b>x dB Bandwidth</b>	9.817 MHz	

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**Freq/Channel**

**Center Freq**  
2.50500000 GHz

**Start Freq**  
2.49500000 GHz

**Stop Freq**  
2.51500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	8.957	9.833	10	Pass

**Agilent** 11:44:29 Sep 9, 2022

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9569 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.504 kHz	
<b>x dB Bandwidth</b>	9.833 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52500000 GHz

**Stop Freq**  
2.54500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

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	8.975	9.848	10	Pass

**Agilent** 11:44:39 Sep 9, 2022

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.5 dB

Center 2.535 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9745 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.286 kHz	
<b>x dB Bandwidth</b>	9.848 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52500000 GHz

**Stop Freq**  
2.54500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.2	Peak	8.995	9.874	10	Pass

**Agilent** 11:44:52 Sep 9, 2022

**Ch Freq** 2.565 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.5 dB

Center 2.565 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9950 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-624.352 Hz	
<b>x dB Bandwidth</b>	9.874 MHz	

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**Freq/Channel**

**Center Freq**  
2.56500000 GHz

**Start Freq**  
2.55500000 GHz

**Stop Freq**  
2.57500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

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	8.978	9.865	10	Pass

**Agilent** 11:45:03 Sep 9, 2022

**Ch Freq** 2.565 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.565 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9780 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-6.109 kHz	
<b>x dB Bandwidth</b>	9.865 MHz	

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**Freq/Channel**

**Center Freq**  
2.56500000 GHz

**Start Freq**  
2.55500000 GHz

**Stop Freq**  
2.57500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**11.13. 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	13.477	14.795	15	Pass

**Agilent** 11:45:26 Sep 9, 2022

**Ch Freq** 2.5075 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB #Peak Log 10 dB/Offst 10.5 dB

Center 2.507 50 GHz Span 30 MHz  
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4774 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.901 kHz	
<b>x dB Bandwidth</b>	14.795 MHz	

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**Freq/Channel**

**Center Freq**  
2.50750000 GHz

**Start Freq**  
2.49250000 GHz

**Stop Freq**  
2.52250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

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	13.466	14.722	15	Pass

**Agilent** 11:45:37 Sep 9, 2022

**Ch Freq** 2.5075 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.507 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4658 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	9.125 kHz	
<b>x dB Bandwidth</b>	14.722 MHz	

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**Freq/Channel**

**Center Freq**  
2.50750000 GHz

**Start Freq**  
2.49250000 GHz

**Stop Freq**  
2.52250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**11.15. 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	13.443	14.691	15	Pass

**Agilent** 11:45:50 Sep 9, 2022

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4429 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-7.651 kHz
<b>x dB Bandwidth</b>		14.691 MHz

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52000000 GHz

**Stop Freq**  
2.55000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

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	13.456	14.676	15	Pass

**Agilent** 11:46:00 Sep 9, 2022

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4556 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-10.956 kHz	
<b>x dB Bandwidth</b>	14.676 MHz	

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.52000000 GHz

**Stop Freq**  
2.55000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**11.17. 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	13.473	14.83	15	Pass

**Agilent** 11:46:13 Sep 9, 2022

**Ch Freq** 2.5625 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Center 2.562 50 GHz **Span** 30 MHz

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

**13.4727 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -3.791 kHz

**x dB Bandwidth** 14.830 MHz

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**Freq/Channel**

**Center Freq** 2.56250000 GHz

**Start Freq** 2.54750000 GHz

**Stop Freq** 2.57750000 GHz

**CF Step** 3.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	13.47	14.687	15	Pass

**Agilent** 11:46:24 Sep 9, 2022

**Ch Freq** 2.5625 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.562 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>		<b>Occ BW % Pwr</b>	99.00 %
13.4695 MHz		<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.164 kHz		
<b>x dB Bandwidth</b>	14.687 MHz		

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**Freq/Channel**

**Center Freq**  
2.56250000 GHz

**Start Freq**  
2.54750000 GHz

**Stop Freq**  
2.57750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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	17.962	19.492	20	Pass

**Agilent** 11:46:41 Sep 9, 2022

**Ch Freq** 2.51 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.510 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9616 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	5.346 kHz	
<b>x dB Bandwidth</b>	19.492 MHz	

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**Freq/Channel**

**Center Freq**  
2.51000000 GHz

**Start Freq**  
2.49000000 GHz

**Stop Freq**  
2.53000000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2510	99	26	0.39	Peak	17.951	19.522	20	Pass

**Agilent** 11:46:51 Sep 9, 2022

**Ch Freq** 2.51 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.510 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9511 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.673 kHz	
<b>x dB Bandwidth</b>	19.522 MHz	

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**Freq/Channel**

**Center Freq**  
2.51000000 GHz

**Start Freq**  
2.49000000 GHz

**Stop Freq**  
2.53000000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**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	17.916	19.475	20	Pass

Agilent 11:47:05 Sep 9, 2022

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.535 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.9158 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	8.154 kHz	
<b>x dB Bandwidth</b>	19.475 MHz	

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**Freq/Channel**

**Center Freq** 2.53500000 GHz

**Start Freq** 2.51500000 GHz

**Stop Freq** 2.55500000 GHz

**CF Step** 4.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**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	17.937	19.65	20	Pass

**Agilent** 11:47:15 Sep 9, 2022

**Ch Freq** 2.535 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.5 dB

Center 2.535 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9371 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-7.858 kHz
<b>x dB Bandwidth</b>		19.650 MHz

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**Freq/Channel**

**Center Freq**  
2.53500000 GHz

**Start Freq**  
2.51500000 GHz

**Stop Freq**  
2.55500000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.966	19.678	20	Pass

**Agilent** 11:47:28 Sep 9, 2022

**Ch Freq** 2.56 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.560 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9656 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-19.092 kHz	
<b>x dB Bandwidth</b>	19.678 MHz	

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**Freq/Channel**

**Center Freq**  
2.56000000 GHz

**Start Freq**  
2.54000000 GHz

**Stop Freq**  
2.58000000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.39	Peak	17.947	19.609	20	Pass

Agilent 11:47:38 Sep 9, 2022

Ch Freq 2.56 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

10.5 dB

Center 2.560 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9471 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		22.974 kHz
<b>x dB Bandwidth</b>		19.609 MHz

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**Freq/Channel**

**Center Freq**  
2.56000000 GHz

**Start Freq**  
2.54000000 GHz

**Stop Freq**  
2.58000000 GHz

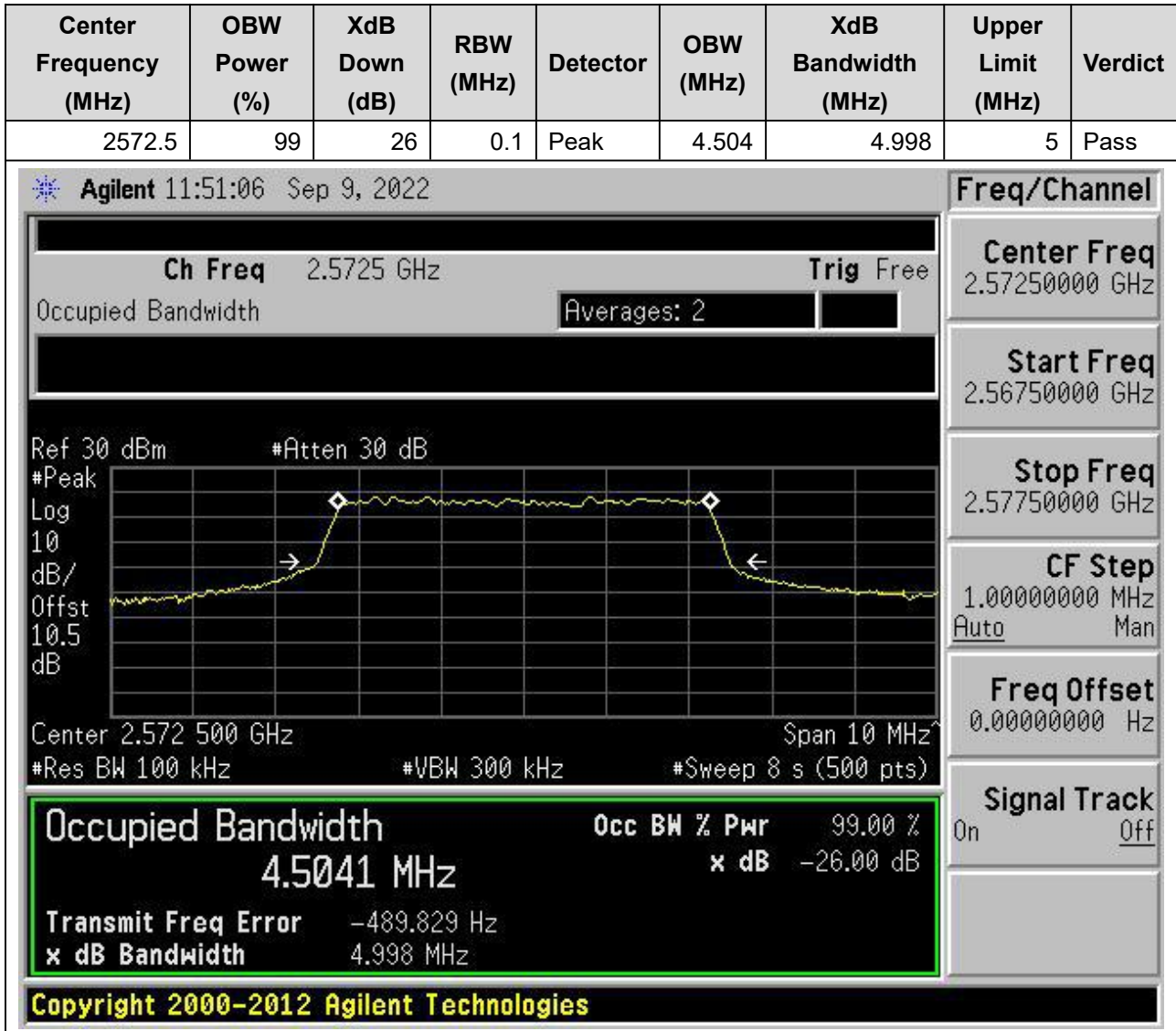
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

## 12. LTE\_Band38

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



**12.2. 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	5.41	5	Pass

Agilent 11:51:45 Sep 9, 2022

Ch Freq 2.5725 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 2.572 500 GHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5142 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-740.110 Hz	
<b>x dB Bandwidth</b>	5.410 MHz	

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**Freq/Channel**

**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



**12.3. 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	4.509	4.99	5	Pass

Agilent 11:52:26 Sep 9, 2022

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 2.595 000 GHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5089 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-728.021 Hz	
<b>x dB Bandwidth</b>	4.990 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.59000000 GHz

**Stop Freq**  
2.60000000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.4. 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	4.506	5.055	5	Pass

**Agilent** 11:53:05 Sep 9, 2022

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.5 dB

Center 2.595 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5063 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-3.606 kHz	
<b>x dB Bandwidth</b>	5.055 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.59000000 GHz

**Stop Freq**  
2.60000000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.5. 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	4.5	5.121	5	Pass

**Agilent** 11:53:46 Sep 9, 2022

**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 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.4995 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.354 kHz	
<b>x dB Bandwidth</b>	5.121 MHz	

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**Freq/Channel**

**Center Freq**  
2.61750000 GHz

**Start Freq**  
2.61250000 GHz

**Stop Freq**  
2.62250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.6. 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	4.514	5.177	5	Pass

Agilent 11:54:24 Sep 9, 2022

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 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5137 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	593.108 Hz	
<b>x dB Bandwidth</b>	5.177 MHz	

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**Freq/Channel**

**Center Freq**  
2.61750000 GHz

**Start Freq**  
2.61250000 GHz

**Stop Freq**  
2.62250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.7. 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	9.009	10.475	10	Pass

Agilent 11:55:25 Sep 9, 2022

Ch Freq 2.575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.575 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>9.0091 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.577 kHz	
<b>x dB Bandwidth</b>	10.475 MHz	

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**Freq/Channel**

**Center Freq**  
2.57500000 GHz

**Start Freq**  
2.56500000 GHz

**Stop Freq**  
2.58500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.8. 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	9.005	10.643	10	Pass

**Agilent** 11:56:04 Sep 9, 2022

**Ch Freq** 2.575 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.575 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>9.0054 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-7.133 kHz	
<b>x dB Bandwidth</b>	10.643 MHz	

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**Freq/Channel**

**Center Freq**  
2.57500000 GHz

**Start Freq**  
2.56500000 GHz

**Stop Freq**  
2.58500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.9. 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	9.007	10.176	10	Pass

**Agilent** 11:56:45 Sep 9, 2022

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.595 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>9.0067 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	9.041 kHz	
<b>x dB Bandwidth</b>	10.176 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58500000 GHz

**Stop Freq**  
2.60500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.10. 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	9.006	9.825	10	Pass

Agilent 11:57:23 Sep 9, 2022

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.595 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>9.0064 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	1.050 kHz	
<b>x dB Bandwidth</b>	9.825 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58500000 GHz

**Stop Freq**  
2.60500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**12.11. 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	9.009	10.386	10	Pass

**Agilent** 11:58:04 Sep 9, 2022

**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 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>9.0085 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-681.887 Hz	
<b>x dB Bandwidth</b>	10.386 MHz	

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**Freq/Channel**

**Center Freq**  
2.61500000 GHz

**Start Freq**  
2.60500000 GHz

**Stop Freq**  
2.62500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.12. 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	8.978	10.421	10	Pass

Agilent 11:58:43 Sep 9, 2022

Ch Freq 2.615 GHz Trig Free

Occupied Bandwidth Averages: 2

Center 2.615 00 GHz Span 20 MHz  
#Res BW 200 kHz #VBW 620 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9781 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-849.711 Hz	
<b>x dB Bandwidth</b>	10.421 MHz	

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**Freq/Channel**

**Center Freq**  
2.61500000 GHz

**Start Freq**  
2.60500000 GHz

**Stop Freq**  
2.62500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.3	Peak	13.459	15.813	15	Pass

**Agilent** 11:59:44 Sep 9, 2022

**Ch Freq** 2.5775 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.577 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4592 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	972.487 Hz	
<b>x dB Bandwidth</b>	15.813 MHz	

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**Freq/Channel**

**Center Freq**  
2.57750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.59250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.14. 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	13.52	15.748	15	Pass

Agilent 12:00:22 Sep 9, 2022

Ch Freq 2.5775 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.577 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.5196 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-15.137 kHz	
<b>x dB Bandwidth</b>	15.748 MHz	

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**Freq/Channel**

**Center Freq**  
2.57750000 GHz

**Start Freq**  
2.56250000 GHz

**Stop Freq**  
2.59250000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.15. 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	13.5	14.846	15	Pass

**Agilent** 12:01:03 Sep 9, 2022

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.595 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4998 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.893 kHz	
<b>x dB Bandwidth</b>	14.846 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58000000 GHz

**Stop Freq**  
2.61000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.16. 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	13.509	15.603	15	Pass

**Agilent** 12:01:42 Sep 9, 2022

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Center 2.595 00 GHz Span 30 MHz  
#Res BW 300 kHz #VBW 1 MHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.5087 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-6.764 kHz	
<b>x dB Bandwidth</b>	15.603 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.58000000 GHz

**Stop Freq**  
2.61000000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.17. 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	13.464	15.486	15	Pass

Agilent 12:02:23 Sep 9, 2022

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 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4636 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	10.067 kHz	
<b>x dB Bandwidth</b>	15.486 MHz	

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**Freq/Channel**

**Center Freq**  
2.61250000 GHz

**Start Freq**  
2.59750000 GHz

**Stop Freq**  
2.62750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.18. 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	13.545	15.947	15	Pass

**Agilent** 12:03:02 Sep 9, 2022

**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 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.5447 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.019 kHz	
<b>x dB Bandwidth</b>	15.947 MHz	

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**Freq/Channel**

**Center Freq**  
2.61250000 GHz

**Start Freq**  
2.59750000 GHz

**Stop Freq**  
2.62750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.39	Peak	17.972	20.089	20	Pass

**Agilent** 12:04:03 Sep 9, 2022

**Ch Freq** 2.58 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.580 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9720 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-12.470 kHz	
<b>x dB Bandwidth</b>	20.089 MHz	

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**Freq/Channel**

**Center Freq**  
2.58000000 GHz

**Start Freq**  
2.56000000 GHz

**Stop Freq**  
2.60000000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.20. 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	17.955	20.489	20	Pass

Agilent 12:04:42 Sep 9, 2022

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.5 dB

Center 2.580 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9547 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.973 kHz	
<b>x dB Bandwidth</b>	20.489 MHz	

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**Freq/Channel**

**Center Freq**  
2.58000000 GHz

**Start Freq**  
2.56000000 GHz

**Stop Freq**  
2.60000000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.21. 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	18.007	20.696	20	Pass

Agilent 12:05:23 Sep 9, 2022

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.595 00 GHz Span 40 MHz

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

Occupied Bandwidth		Occ BW % Pwr	99.00 %
18.0067 MHz		x dB	-26.00 dB
Transmit Freq Error		-11.824 kHz	
x dB Bandwidth		20.696 MHz	

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**Freq/Channel**

Center Freq 2.59500000 GHz

Start Freq 2.57500000 GHz

Stop Freq 2.61500000 GHz

CF Step 4.00000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

**12.22. 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	17.986	24.333	20	Pass

**Agilent** 12:06:01 Sep 9, 2022

**Ch Freq** 2.595 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.595 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9864 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-7.501 kHz	
<b>x dB Bandwidth</b>	24.333 MHz	

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**Freq/Channel**

**Center Freq**  
2.59500000 GHz

**Start Freq**  
2.57500000 GHz

**Stop Freq**  
2.61500000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

**12.23. 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	17.944	19.863	20	Pass

Agilent 12:06:42 Sep 9, 2022

Ch Freq 2.61 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.610 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.9436 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	15.741 kHz	
<b>x dB Bandwidth</b>	19.863 MHz	

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**Freq/Channel**

**Center Freq** 2.61000000 GHz

**Start Freq** 2.59000000 GHz

**Stop Freq** 2.63000000 GHz

**CF Step** 4.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track** On Off

**12.24. 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	17.993	21.228	20	Pass

**Agilent** 12:07:21 Sep 9, 2022

**Ch Freq** 2.61 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 2.610 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9932 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	855.013 Hz	
<b>x dB Bandwidth</b>	21.228 MHz	

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**Freq/Channel**

**Center Freq**  
2.61000000 GHz

**Start Freq**  
2.59000000 GHz

**Stop Freq**  
2.63000000 GHz

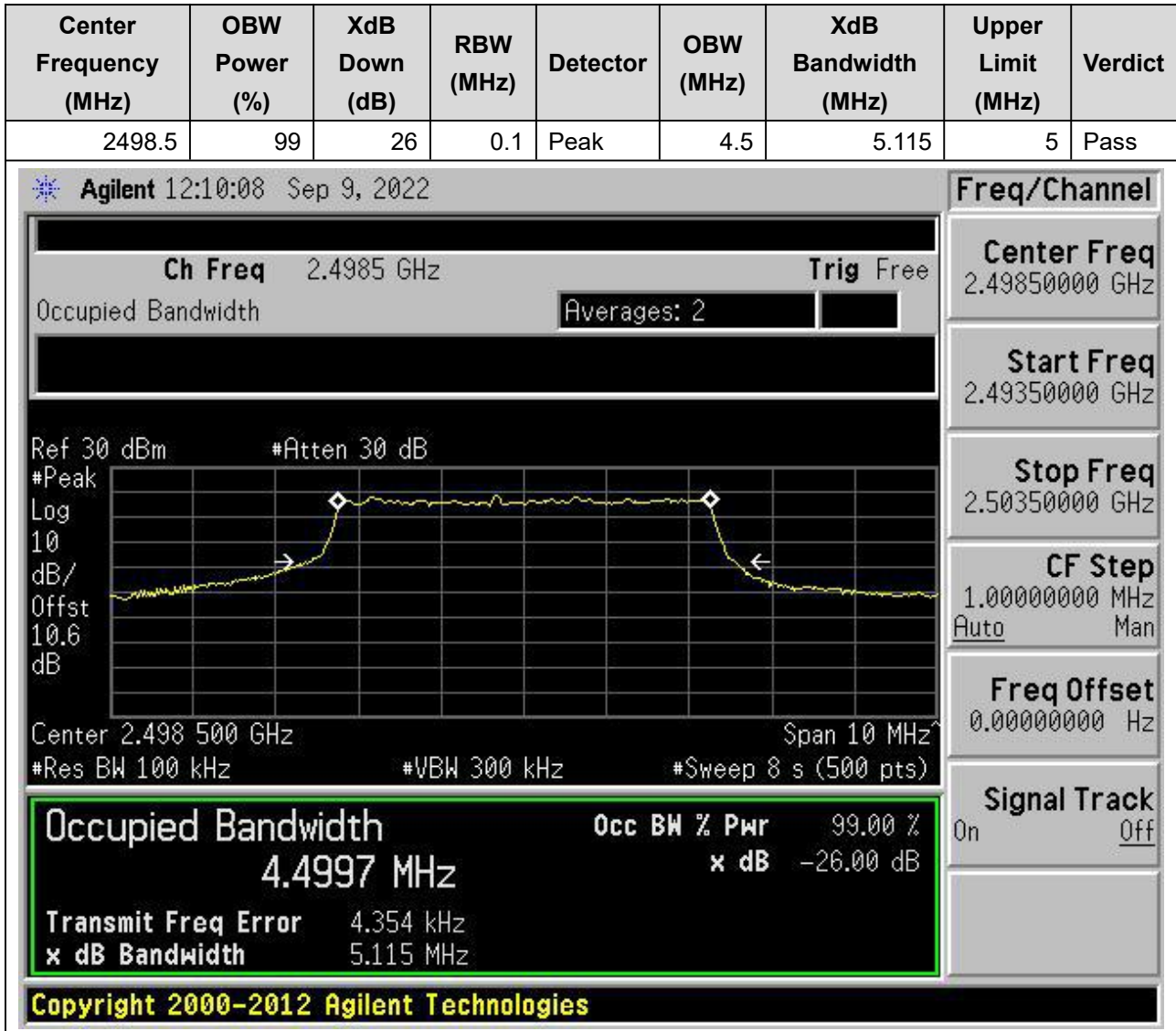
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

### 13. LTE\_Band41 full

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2498.5	99	26	0.1	Peak	4.513	5.165	5	Pass

Agilent 12:10:46 Sep 9, 2022

Ch Freq 2.4985 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 10.6 dB

Center 2.498 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5135 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	3.727 kHz	
<b>x dB Bandwidth</b>	5.165 MHz	

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**Freq/Channel**

**Center Freq**  
2.49850000 GHz

**Start Freq**  
2.49350000 GHz

**Stop Freq**  
2.50350000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.505	4.999	5	Pass

Agilent 12:11:27 Sep 9, 2022

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5046 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	752.914 Hz	
<b>x dB Bandwidth</b>	4.999 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.58800000 GHz

**Stop Freq**  
2.59800000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.1	Peak	4.515	5.4	5	Pass

**Agilent** 12:12:06 Sep 9, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.5

dB

Center 2.593 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>4.5150 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		168.790 Hz
<b>x dB Bandwidth</b>		5.400 MHz

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.58800000 GHz

**Stop Freq**  
2.59800000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.51	4.973	5	Pass

Agilent 12:12:47 Sep 9, 2022

**Ch Freq** 2.6875 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Center 2.687 500 GHz **Span** 10 MHz

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

**4.5097 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -2.822 kHz

**x dB Bandwidth** 4.973 MHz

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**Freq/Channel**

**Center Freq** 2.68750000 GHz

**Start Freq** 2.68250000 GHz

**Stop Freq** 2.69250000 GHz

**CF Step** 1.00000000 MHz  
Auto Man

**Freq Offset** 0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2687.5	99	26	0.1	Peak	4.503	5.043	5	Pass

Agilent 12:13:25 Sep 9, 2022

Ch Freq 2.6875 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.687 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5029 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-5.731 kHz	
<b>x dB Bandwidth</b>	5.043 MHz	

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**Freq/Channel**

**Center Freq**  
2.68750000 GHz

**Start Freq**  
2.68250000 GHz

**Stop Freq**  
2.69250000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.998	10.129	10	Pass

Agilent 12:14:19 Sep 9, 2022

Ch Freq 2.501 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.501 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9985 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	23.267 kHz	
<b>x dB Bandwidth</b>	10.129 MHz	

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**Freq/Channel**

**Center Freq**  
2.50100000 GHz

**Start Freq**  
2.49100000 GHz

**Stop Freq**  
2.51100000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501	99	26	0.2	Peak	8.993	9.871	10	Pass

Agilent 12:14:57 Sep 9, 2022

Ch Freq 2.501 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.501 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9928 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	9.972 kHz	
<b>x dB Bandwidth</b>	9.871 MHz	

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**Freq/Channel**

**Center Freq**  
2.50100000 GHz

**Start Freq**  
2.49100000 GHz

**Stop Freq**  
2.51100000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.999	10.452	10	Pass

Agilent 12:15:38 Sep 9, 2022

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9991 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.160 kHz	
<b>x dB Bandwidth</b>	10.452 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.58300000 GHz

**Stop Freq**  
2.60300000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.2	Peak	8.981	10.39	10	Pass

**Agilent 12:16:17 Sep 9, 2022**

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

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9815 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.982 kHz	
<b>x dB Bandwidth</b>	10.390 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.58300000 GHz

**Stop Freq**  
2.60300000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	9.013	10.606	10	Pass

Agilent 12:16:58 Sep 9, 2022

Ch Freq 2.685 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 10.7 dB

Center 2.685 00 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>9.0127 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-5.026 kHz
<b>x dB Bandwidth</b>		10.606 MHz

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**Freq/Channel**

**Center Freq**  
2.68500000 GHz

**Start Freq**  
2.67500000 GHz

**Stop Freq**  
2.69500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2685	99	26	0.2	Peak	8.997	10.488	10	Pass

**Agilent** 12:17:36 Sep 9, 2022

**Ch Freq** 2.685 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB  
#Peak  
Log  
10 dB/Offst  
10.7 dB

Center 2.685 00 GHz Span 20 MHz  
#Res BW 200 kHz #VBW 620 kHz #Sweep 8 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>8.9969 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-13.095 kHz
<b>x dB Bandwidth</b>		10.488 MHz

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**Freq/Channel**

**Center Freq**  
2.68500000 GHz

**Start Freq**  
2.67500000 GHz

**Stop Freq**  
2.69500000 GHz

**CF Step**  
2.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.491	14.834	15	Pass

**Agilent** 12:18:30 Sep 9, 2022

**Ch Freq** 2.5035 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.503 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4907 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	18.194 kHz	
<b>x dB Bandwidth</b>	14.834 MHz	

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**Freq/Channel**

**Center Freq**  
2.50350000 GHz

**Start Freq**  
2.48850000 GHz

**Stop Freq**  
2.51850000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2503.5	99	26	0.3	Peak	13.488	15.557	15	Pass

**Agilent** 12:19:09 Sep 9, 2022

**Ch Freq** 2.5035 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.503 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4883 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	7.730 kHz	
<b>x dB Bandwidth</b>	15.557 MHz	

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**Freq/Channel**

**Center Freq**  
2.50350000 GHz

**Start Freq**  
2.48850000 GHz

**Stop Freq**  
2.51850000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.475	15.427	15	Pass

**Agilent** 12:19:50 Sep 9, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4748 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	8.543 kHz	
<b>x dB Bandwidth</b>	15.427 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.57800000 GHz

**Stop Freq**  
2.60800000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.3	Peak	13.548	15.951	15	Pass

Agilent 12:20:28 Sep 9, 2022

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.5481 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.423 kHz	
<b>x dB Bandwidth</b>	15.951 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.57800000 GHz

**Stop Freq**  
2.60800000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.449	15.468	15	Pass

Agilent 12:21:09 Sep 9, 2022

Ch Freq 2.6825 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.682 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4489 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-8.479 kHz
<b>x dB Bandwidth</b>		15.468 MHz

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**Freq/Channel**

**Center Freq**  
2.68250000 GHz

**Start Freq**  
2.66750000 GHz

**Stop Freq**  
2.69750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2682.5	99	26	0.3	Peak	13.519	15.1	15	Pass

Agilent 12:21:48 Sep 9, 2022

Ch Freq 2.6825 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.682 50 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.5192 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-24.492 kHz	
<b>x dB Bandwidth</b>	15.100 MHz	

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**Freq/Channel**

**Center Freq**  
2.68250000 GHz

**Start Freq**  
2.66750000 GHz

**Stop Freq**  
2.69750000 GHz

**CF Step**  
3.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.997	20.68	20	Pass

Agilent 12:22:42 Sep 9, 2022

Ch Freq 2.506 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.506 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.9974 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	6.523 kHz	
<b>x dB Bandwidth</b>	20.680 MHz	

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**Freq/Channel**

**Center Freq**  
2.50600000 GHz

**Start Freq**  
2.48600000 GHz

**Stop Freq**  
2.52600000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506	99	26	0.39	Peak	17.951	20.247	20	Pass

Agilent 12:23:21 Sep 9, 2022

Ch Freq 2.506 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.506 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9509 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	2.708 kHz	
<b>x dB Bandwidth</b>	20.247 MHz	

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**Freq/Channel**

**Center Freq**  
2.50600000 GHz

**Start Freq**  
2.48600000 GHz

**Stop Freq**  
2.52600000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.952	19.899	20	Pass

**Agilent** 12:24:02 Sep 9, 2022

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

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9523 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	17.151 kHz	
<b>x dB Bandwidth</b>	19.899 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.57300000 GHz

**Stop Freq**  
2.61300000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593	99	26	0.39	Peak	17.978	21.572	20	Pass

Agilent 12:24:40 Sep 9, 2022

Ch Freq 2.593 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 2.593 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9782 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-1.242 kHz	
<b>x dB Bandwidth</b>	21.572 MHz	

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**Freq/Channel**

**Center Freq**  
2.59300000 GHz

**Start Freq**  
2.57300000 GHz

**Stop Freq**  
2.61300000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.97	20.013	20	Pass

Agilent 12:25:21 Sep 9, 2022

Ch Freq 2.68 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.680 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9700 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-18.822 kHz	
<b>x dB Bandwidth</b>	20.013 MHz	

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**Freq/Channel**

**Center Freq**  
2.68000000 GHz

**Start Freq**  
2.66000000 GHz

**Stop Freq**  
2.70000000 GHz

**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2680	99	26	0.39	Peak	17.954	20.573	20	Pass

Agilent 12:26:00 Sep 9, 2022

Ch Freq 2.68 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.7 dB

Center 2.680 00 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>17.9538 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-4.444 kHz	
<b>x dB Bandwidth</b>	20.573 MHz	

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**Freq/Channel**

**Center Freq**  
2.68000000 GHz

**Start Freq**  
2.66000000 GHz

**Stop Freq**  
2.70000000 GHz

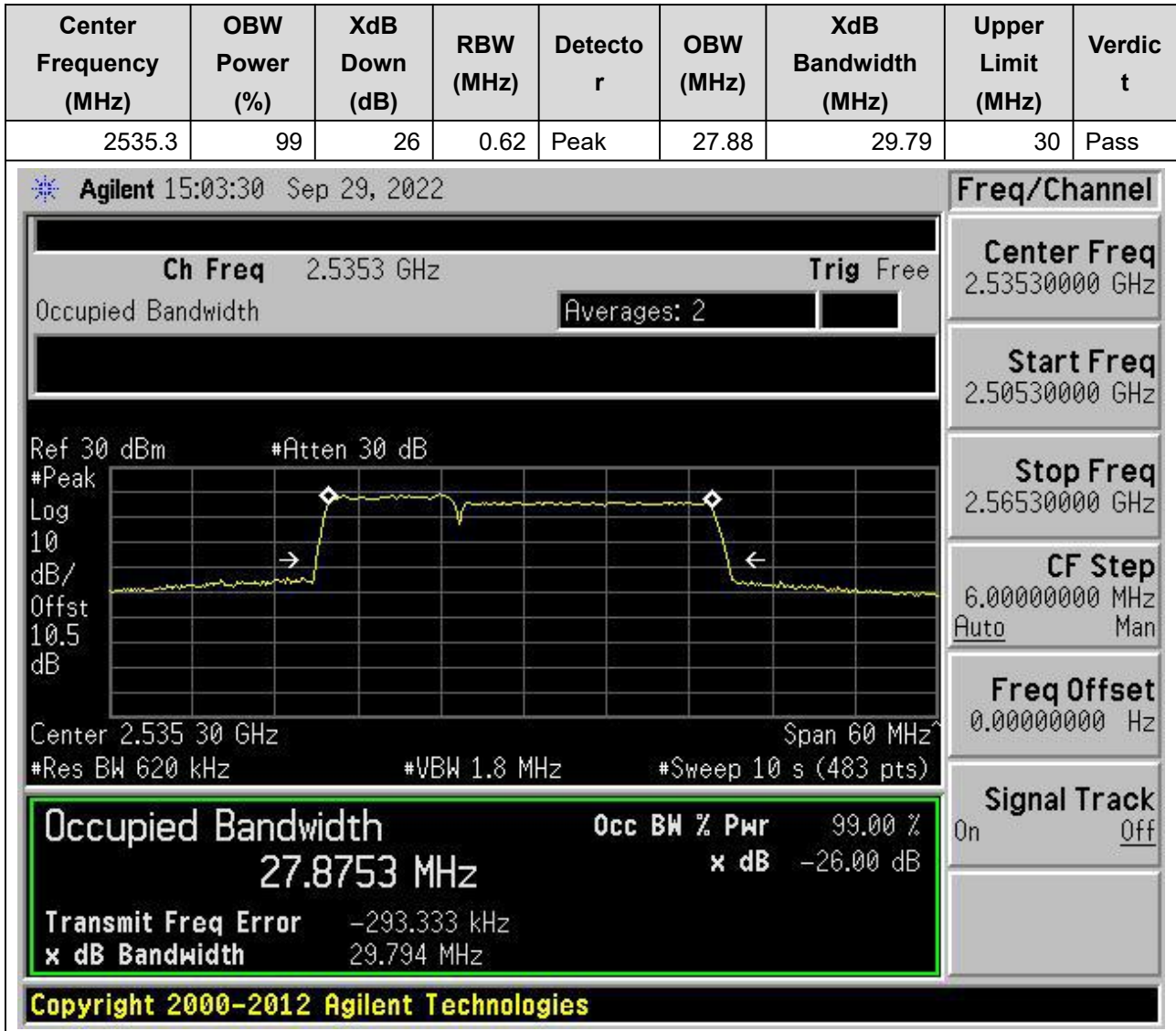
**CF Step**  
4.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

## 14. CA\_7C

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



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

