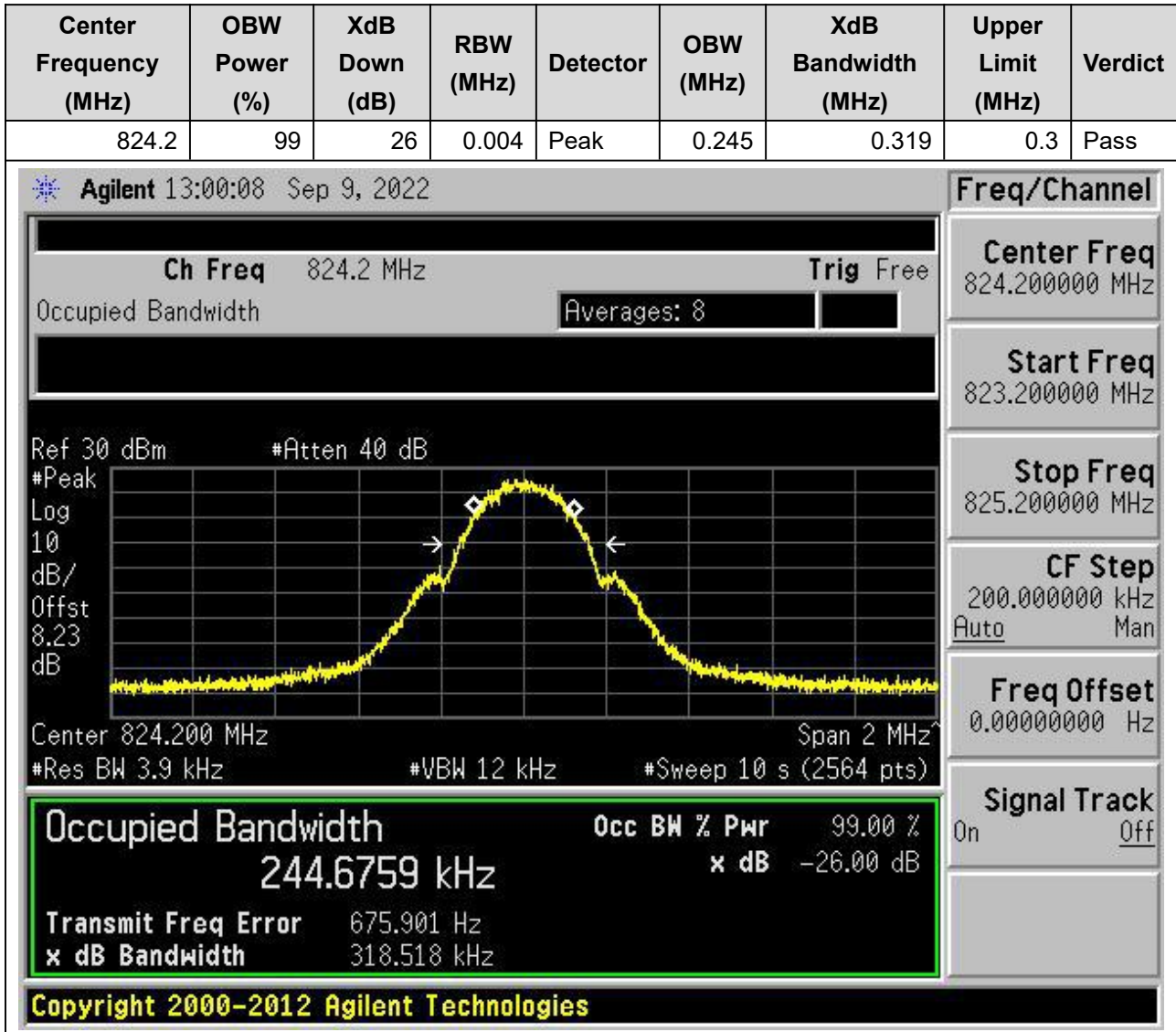


A.3 Occupied Bandwidth

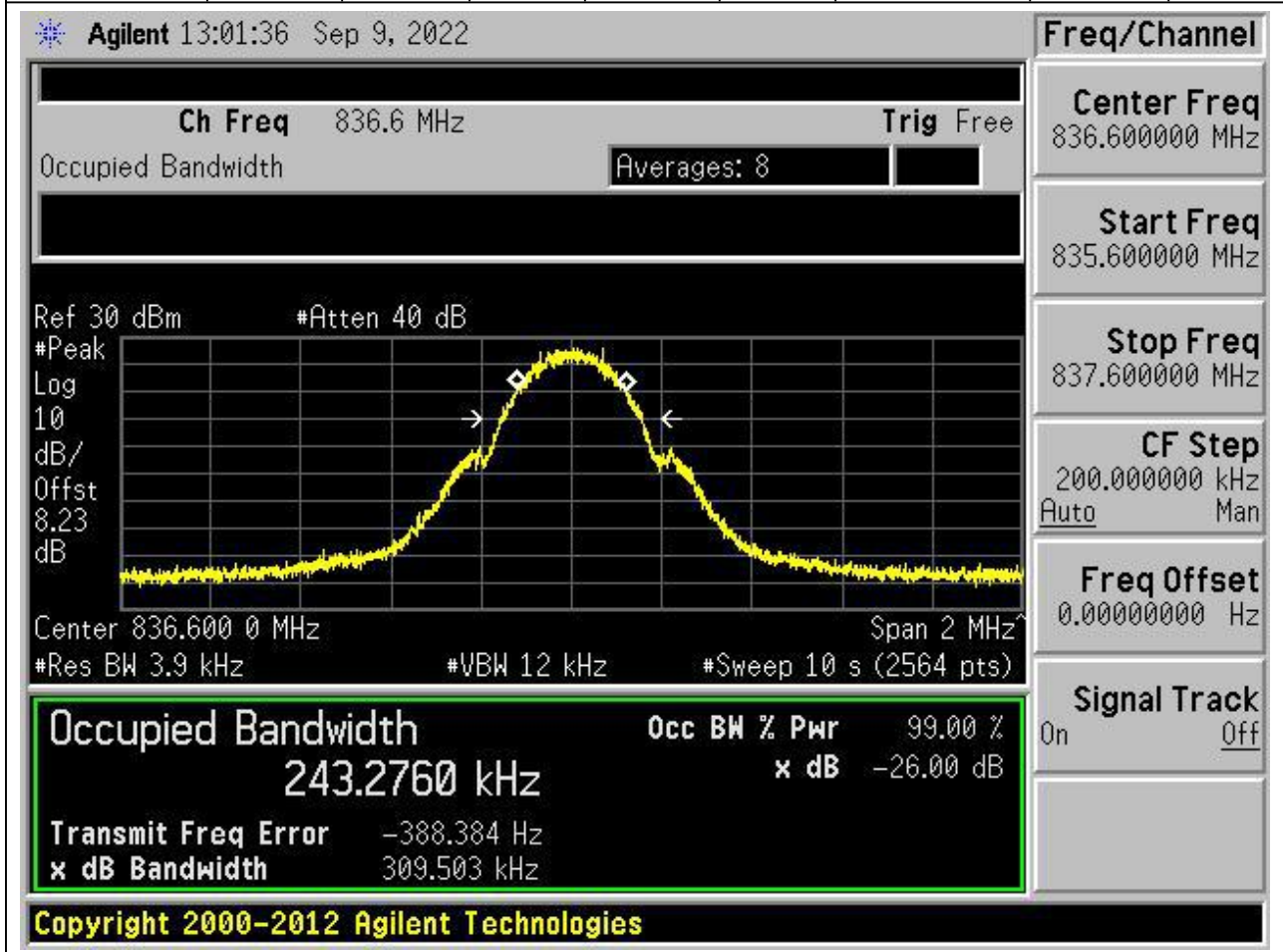
1. GSM_GSM850

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	0.31	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	0.244	0.309	0.3	Pass

Agilent 13:03:03 Sep 9, 2022

Ch Freq 848.8 MHz **Trig** Free

Occupied Bandwidth **Averages: 8**

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 8.26 dB

Center 848.800 0 MHz Span 2 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
244.1161 kHz	x dB -26.00 dB
Transmit Freq Error 651.645 Hz	
x dB Bandwidth 308.932 kHz	

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Freq/Channel

Center Freq
848.800000 MHz

Start Freq
847.800000 MHz

Stop Freq
849.800000 MHz

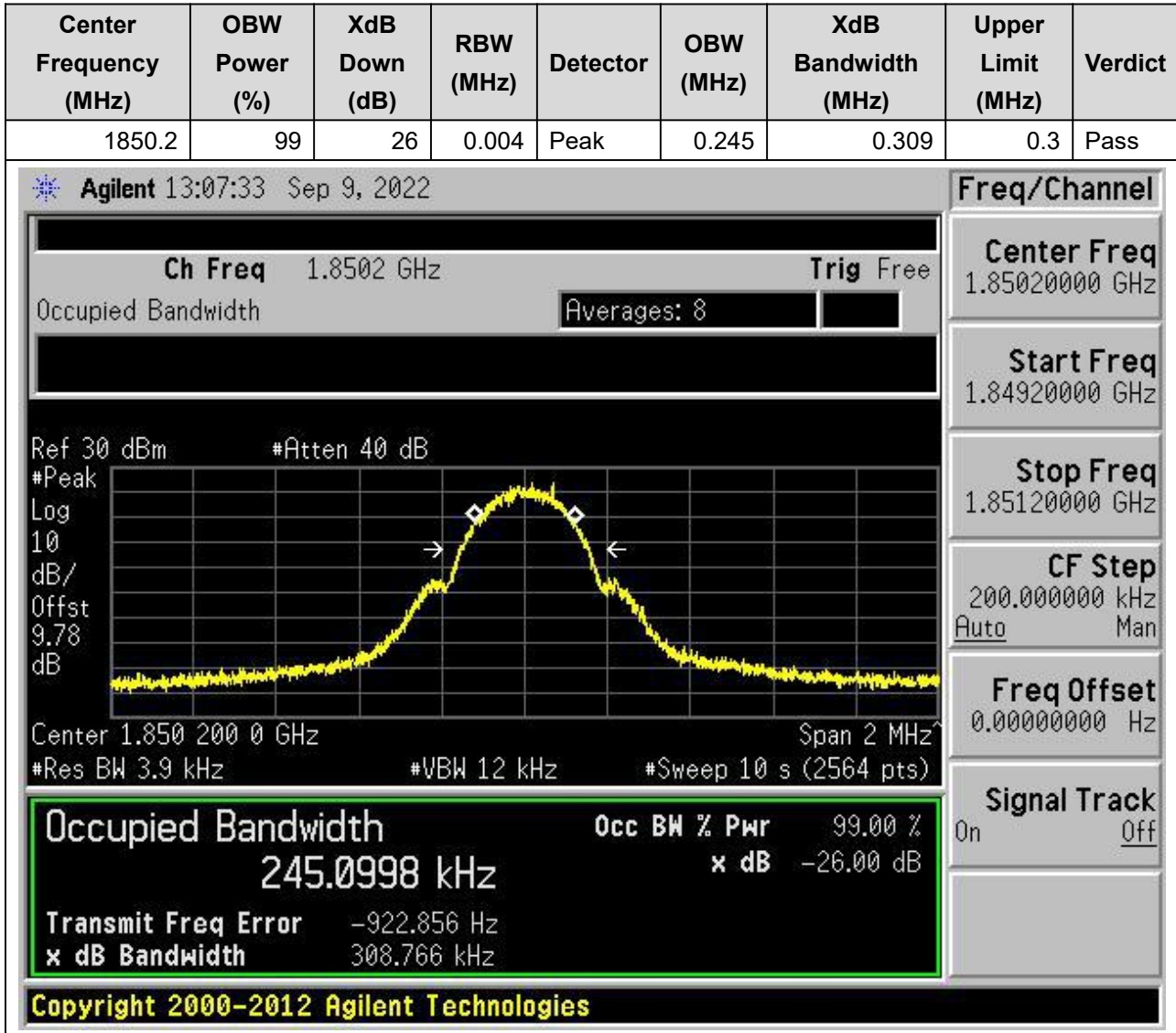
CF Step
200.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

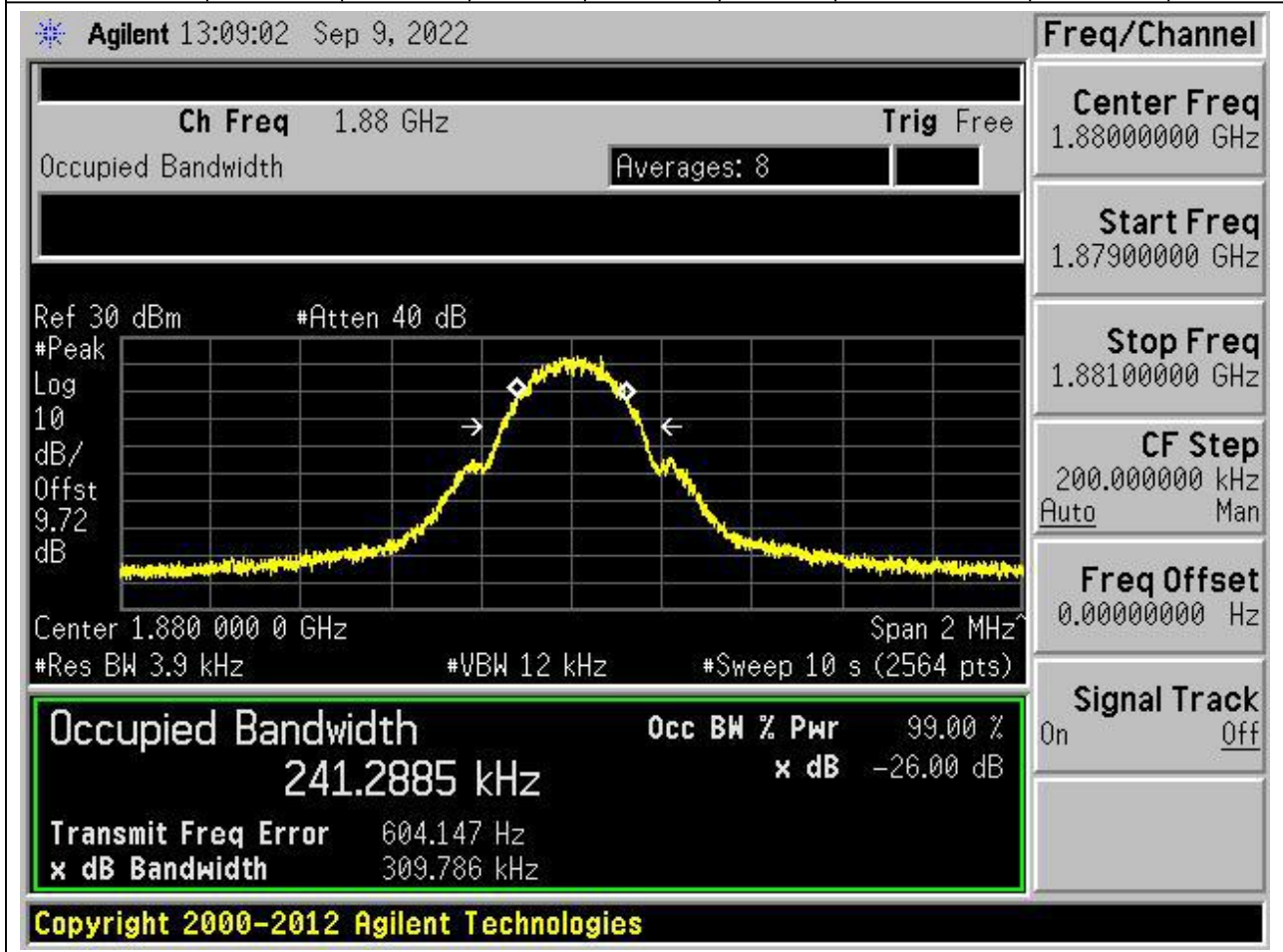
2. GSM_PCS

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



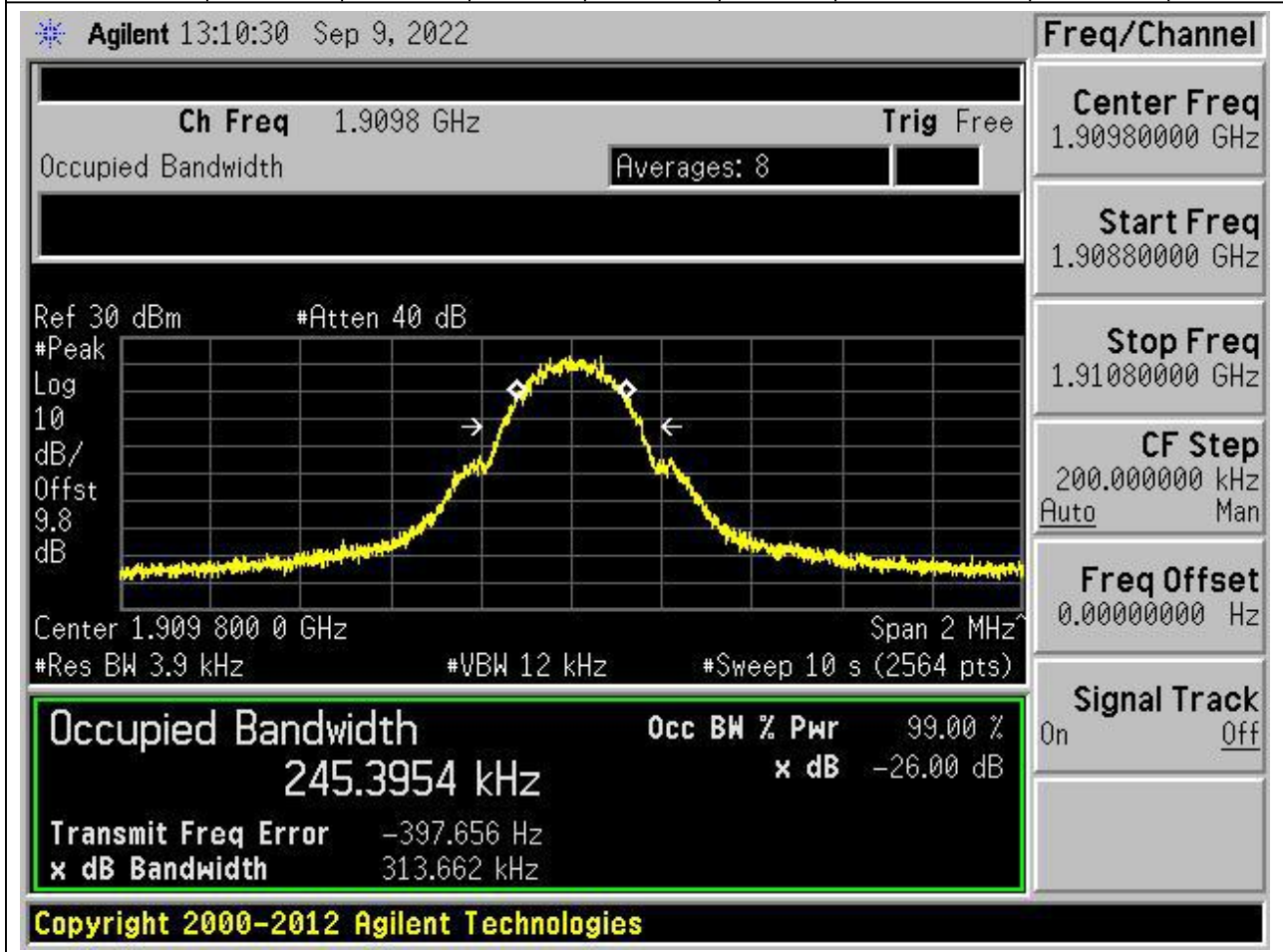
2.2. GSM Occupied Bandwidth(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.241	0.31	0.3	Pass



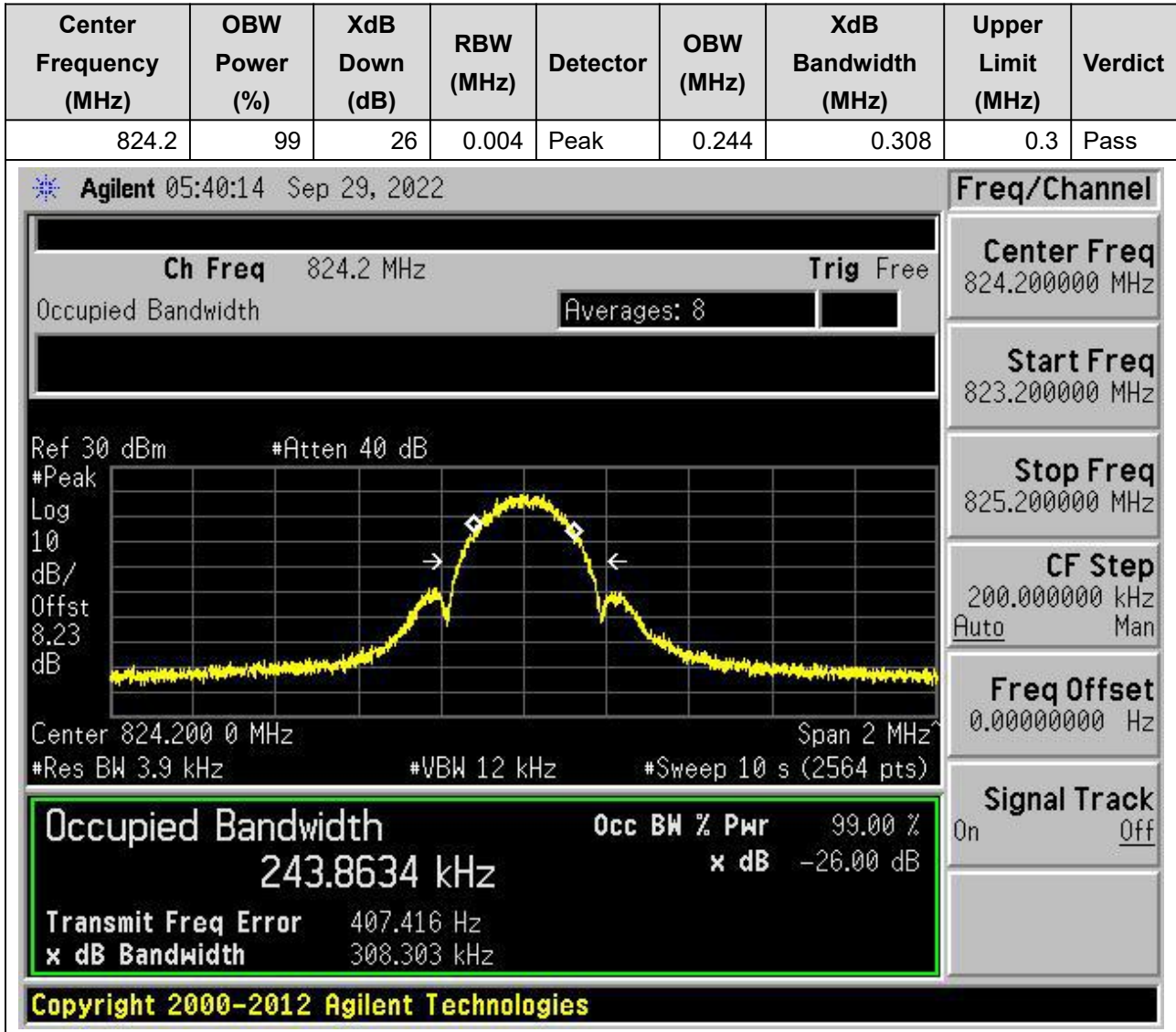
2.3. GSM Occupied Bandwidth(NTNV)(Channel:810)

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	0.245	0.314	0.3	Pass



3. EGPRS_GSM850

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



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	0.244	0.303	0.3	Pass

Agilent 05:41:42 Sep 29, 2022

Ch Freq 836.6 MHz **Trig** Free

Occupied Bandwidth **Averages: 8**

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 8.23 dB

Center 836.600 MHz Span 2 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
243.8062 kHz	x dB	-26.00 dB
Transmit Freq Error	222.945 Hz	
x dB Bandwidth	302.710 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	0.244	0.306	0.3	Pass

Agilent 05:43:09 Sep 29, 2022

Ch Freq 848.8 MHz **Trig** Free

Occupied Bandwidth **Averages: 8**

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 8.26 dB

Center 848.800 0 MHz Span 2 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
243.9225 kHz	x dB -26.00 dB
Transmit Freq Error -139.650 Hz	
x dB Bandwidth 306.338 kHz	

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Freq/Channel

Center Freq 848.800000 MHz

Start Freq 847.800000 MHz

Stop Freq 849.800000 MHz

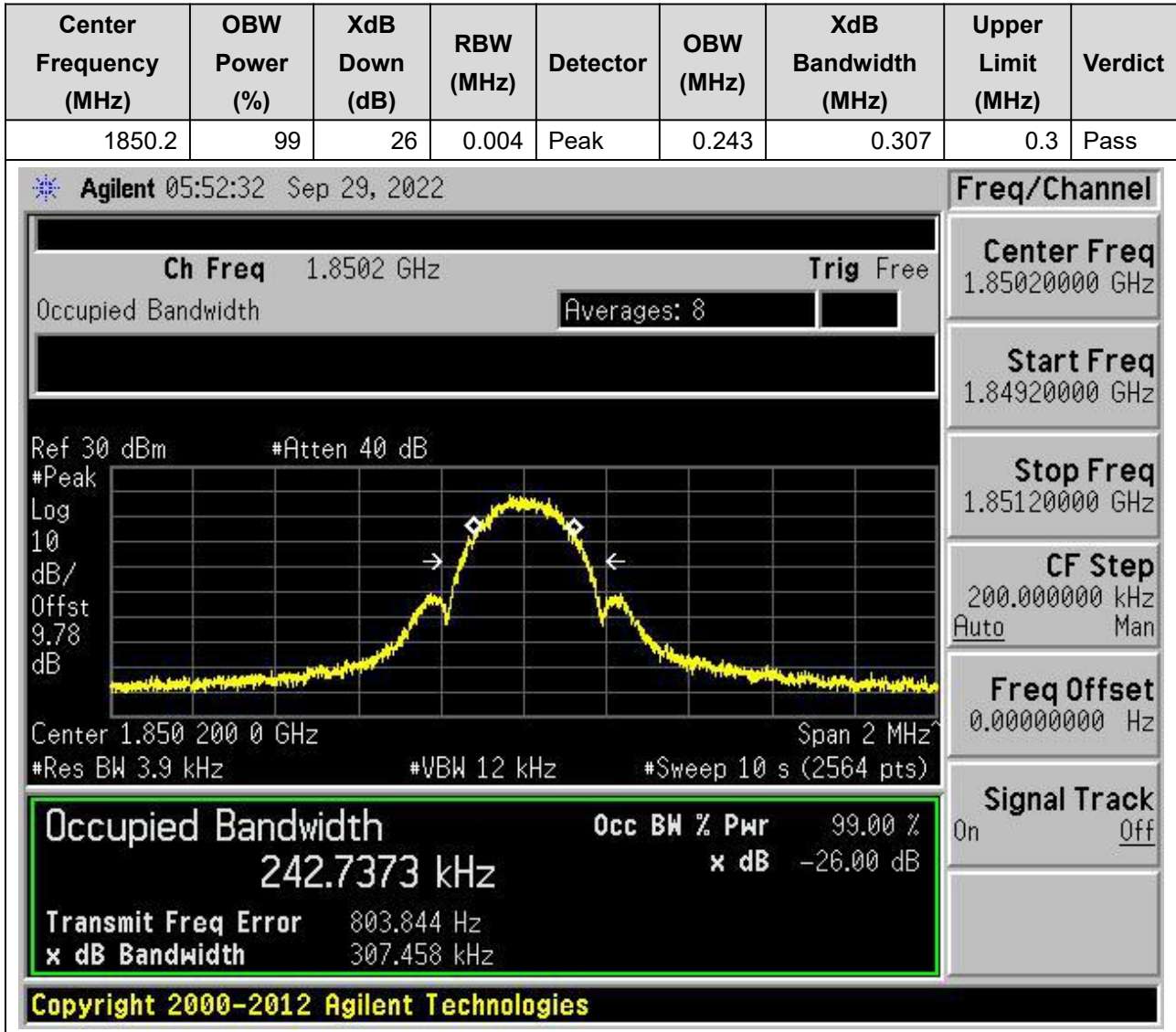
CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

4. EGPRS_PCS

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.245	0.314	0.3	Pass

Agilent 05:53:59 Sep 29, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 8**

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 9.72 dB

Center 1.880 000 0 GHz Span 2 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
244.5533 kHz	x dB	-26.00 dB
Transmit Freq Error	266.200 Hz	
x dB Bandwidth	313.993 kHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87900000 GHz

Stop Freq
1.88100000 GHz

CF Step
200.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	0.243	0.31	0.3	Pass

Agilent 05:55:27 Sep 29, 2022

Ch Freq 1.9098 GHz **Trig** Free

Occupied Bandwidth **Averages: 8**

Ref 30 dBm #Atten 40 dB

#Peak Log 10 dB/ Offst 9.8 dB

Center 1.909 800 GHz Span 2 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
243.2700 kHz	x dB -26.00 dB
Transmit Freq Error 84.539 Hz	
x dB Bandwidth 309.724 kHz	

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Freq/Channel

Center Freq 1.90980000 GHz

Start Freq 1.90880000 GHz

Stop Freq 1.91080000 GHz

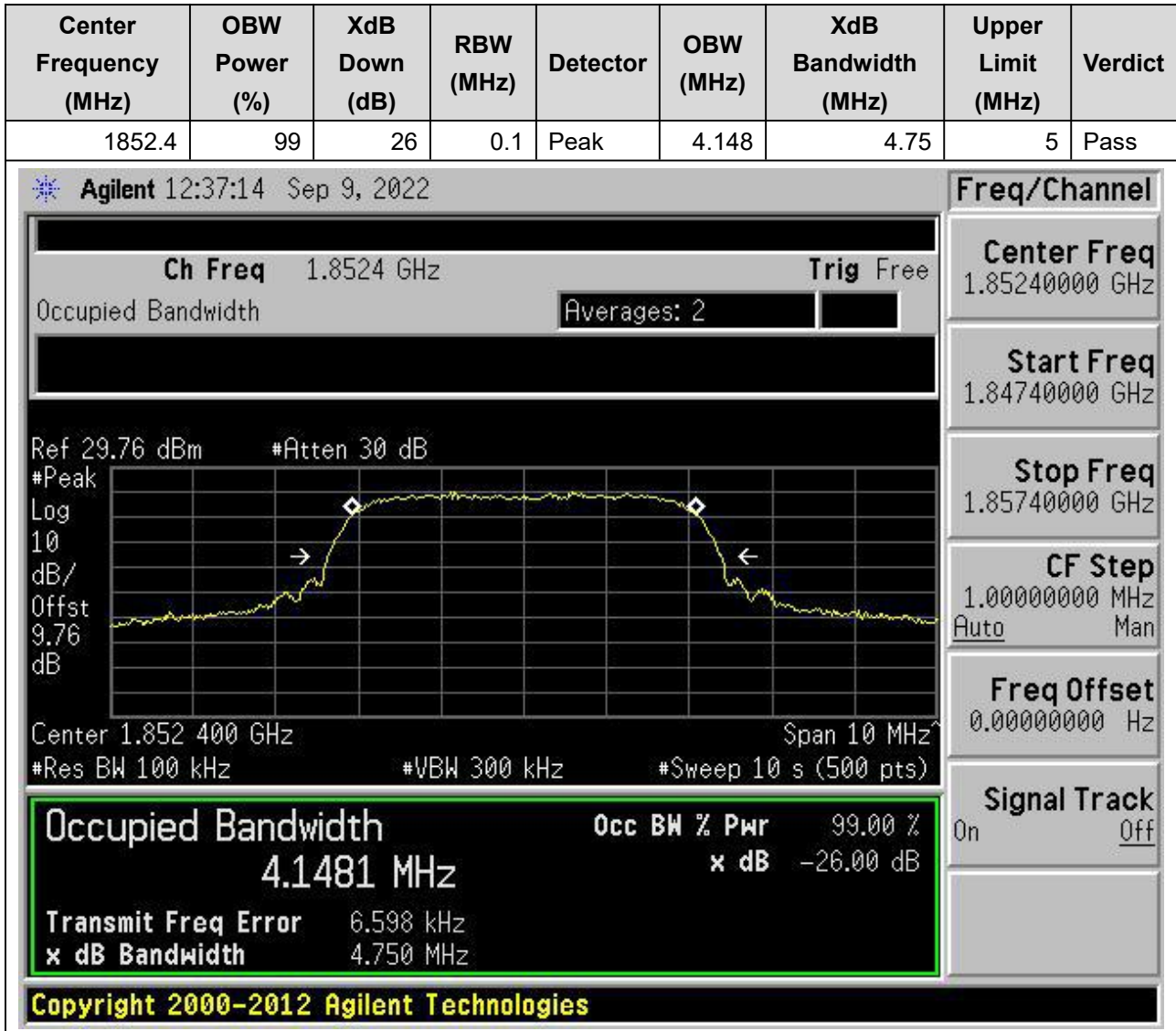
CF Step 200.000000 kHz
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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	4.142	4.721	5	Pass

Agilent 12:38:03 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 dB

Center 1.880 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1422 MHz	x dB	-26.00 dB
Transmit Freq Error	4.715 kHz	
x dB Bandwidth	4.721 MHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87500000 GHz

Stop Freq
1.88500000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.6	99	26	0.1	Peak	4.15	4.738	5	Pass

Agilent 12:38:51 Sep 9, 2022

Ch Freq 1.9076 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 dB

Center 1.907 600 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1499 MHz	x dB	-26.00 dB
Transmit Freq Error	-228.852 Hz	
x dB Bandwidth	4.738 MHz	

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Freq/Channel

Center Freq
1.90760000 GHz

Start Freq
1.90260000 GHz

Stop Freq
1.91260000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

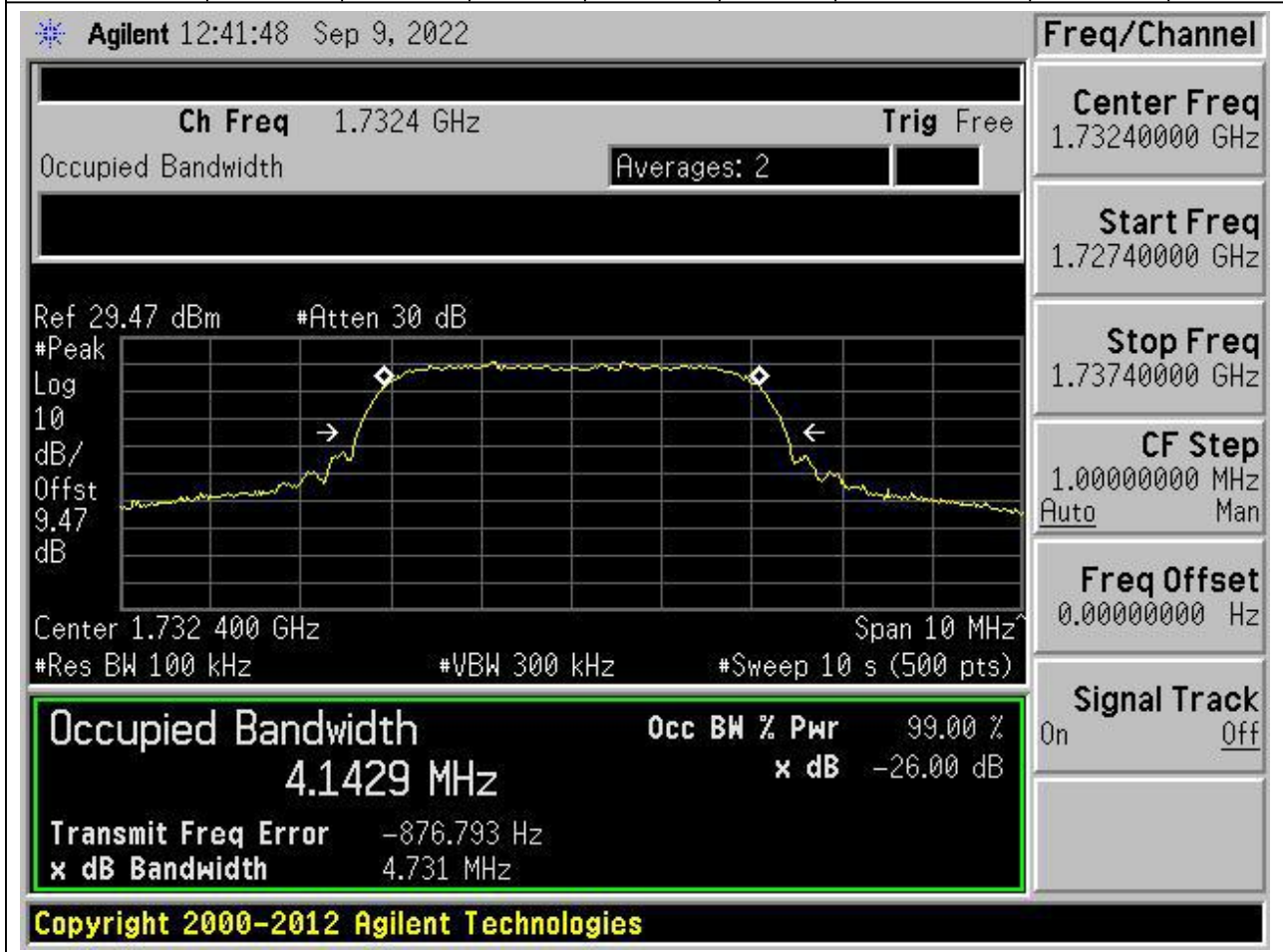
6. WCDMA_Band4

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	4.143	4.731	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.6	99	26	0.1	Peak	4.146	4.736	5	Pass

Agilent 12:42:37 Sep 9, 2022

Ch Freq 1.7526 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.52 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.52 dB

Center 1.752 600 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1456 MHz	x dB	-26.00 dB
Transmit Freq Error	2.431 kHz	
x dB Bandwidth	4.736 MHz	

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Freq/Channel

Center Freq
1.75260000 GHz

Start Freq
1.74760000 GHz

Stop Freq
1.75760000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

7. WCDMA_Band5

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



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.4	99	26	0.1	Peak	4.137	4.735	5	Pass

Agilent 12:34:13 Sep 9, 2022

Ch Freq 836.4 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 dB

Center 836.400 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.1368 MHz	x dB	-26.00 dB
Transmit Freq Error	11.516 kHz	
x dB Bandwidth	4.735 MHz	

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Freq/Channel

Center Freq
836.400000 MHz

Start Freq
831.400000 MHz

Stop Freq
841.400000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	4.142	4.746	5	Pass

Agilent 12:35:02 Sep 9, 2022

Ch Freq 846.6 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 28.25 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.25 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 %
4.1419 MHz	x dB	-26.00 dB
Transmit Freq Error	-636.209 Hz	
x dB Bandwidth	4.746 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

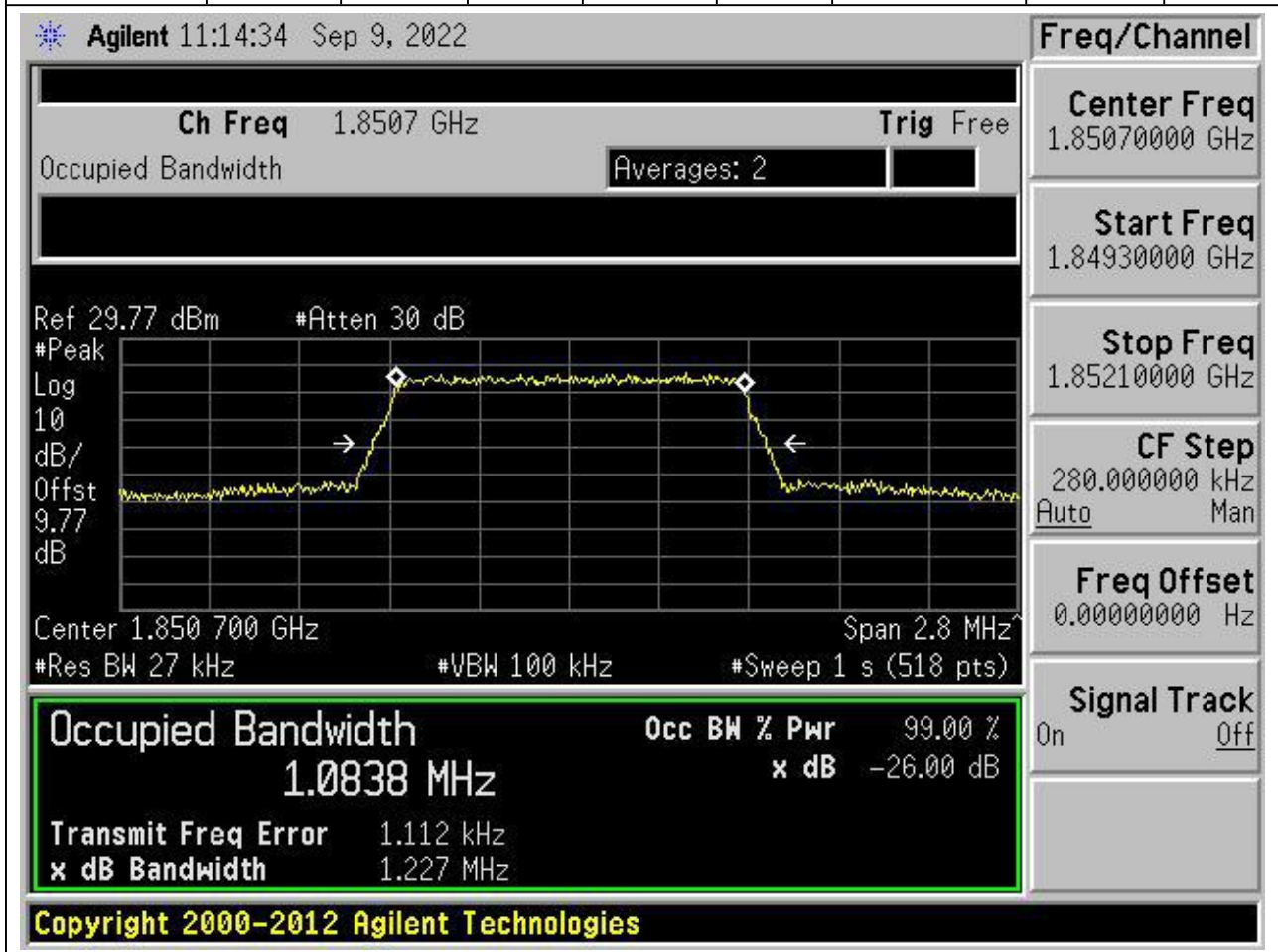
Freq Offset
0.00000000 Hz

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)

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	1.084	1.227	1.4	Pass



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	1.089	1.245	1.4	Pass

Agilent 11:14:45 Sep 9, 2022

Ch Freq 1.8507 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.77 dB

Center 1.850 700 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
1.0890 MHz	x dB -26.00 dB
Transmit Freq Error -214.083 Hz	
x dB Bandwidth 1.245 MHz	

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Freq/Channel

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

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	1.086	1.208	1.4	Pass

Agilent 11:14:58 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 dB

Center 1.880 000 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0858 MHz	x dB	-26.00 dB
Transmit Freq Error	839.358 Hz	
x dB Bandwidth	1.208 MHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87860000 GHz

Stop Freq
1.88140000 GHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	1.08	1.22	1.4	Pass

Agilent 11:15:08 Sep 9, 2022

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.72 dBm #Atten 30 dB

Center 1.880 000 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0804 MHz	x dB	-26.00 dB
Transmit Freq Error	-212.806 Hz	
x dB Bandwidth	1.220 MHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87860000 GHz

Stop Freq
1.88140000 GHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	1.087	1.218	1.4	Pass

Agilent 11:15:22 Sep 9, 2022

Ch Freq 1.9093 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 dB

Center 1.909 300 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0870 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.207 kHz	
x dB Bandwidth	1.218 MHz	

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Freq/Channel

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

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	1.085	1.201	1.4	Pass

Agilent 11:15:32 Sep 9, 2022

Ch Freq 1.9093 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 dB

Center 1.909 300 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0847 MHz	x dB	-26.00 dB
Transmit Freq Error	-69.227 Hz	
x dB Bandwidth	1.201 MHz	

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Freq/Channel

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

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	2.704	2.991	3	Pass

Agilent 11:15:56 Sep 9, 2022

Ch Freq 1.8515 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.77 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.77 dB

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.7042 MHz	x dB	-26.00 dB
Transmit Freq Error		83.485 Hz
x dB Bandwidth		2.991 MHz

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Freq/Channel

Center Freq
1.85150000 GHz

Start Freq
1.84850000 GHz

Stop Freq
1.85450000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	2.705	3.012	3	Pass

Agilent 11:16:06 Sep 9, 2022

Ch Freq 1.8515 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.77 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.77 dB

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.7046 MHz	x dB	-26.00 dB
Transmit Freq Error	2.098 kHz	
x dB Bandwidth	3.012 MHz	

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Freq/Channel

Center Freq
1.85150000 GHz

Start Freq
1.84850000 GHz

Stop Freq
1.85450000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	2.703	3.012	3	Pass

Agilent 11:16:19 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 dB

Center 1.880 000 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.7027 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.009 kHz	
x dB Bandwidth	3.012 MHz	

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Freq/Channel

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

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	2.696	3.016	3	Pass

Agilent 11:16:30 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak

Center 1.880 000 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6959 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.844 kHz	
x dB Bandwidth	3.016 MHz	

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Freq/Channel

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

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	2.699	3.001	3	Pass

Agilent 11:16:43 Sep 9, 2022

Ch Freq 1.9085 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

#Peak Log dB/Offst 9.8 dB

Center 1.908 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6985 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.328 kHz	
x dB Bandwidth	3.001 MHz	

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Freq/Channel

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

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	2.699	3.018	3	Pass

Agilent 11:16:53 Sep 9, 2022

Ch Freq 1.9085 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.8 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.8 dB

Center 1.908 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6986 MHz	x dB	-26.00 dB
Transmit Freq Error	-262.337 Hz	
x dB Bandwidth	3.018 MHz	

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Freq/Channel

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

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	4.504	4.968	5	Pass

Agilent 11:17:17 Sep 9, 2022

Ch Freq 1.8525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.76 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.76 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 %
4.5045 MHz	x dB	-26.00 dB
Transmit Freq Error	4.306 kHz	
x dB Bandwidth	4.968 MHz	

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Freq/Channel

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

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	4.981	5	Pass

Agilent 11:17:27 Sep 9, 2022

Ch Freq 1.8525 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.76 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.76 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 %
4.4976 MHz	x dB	-26.00 dB
Transmit Freq Error	1.123 kHz	
x dB Bandwidth	4.981 MHz	

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Freq/Channel

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

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	4.498	4.948	5	Pass

Agilent 11:17:40 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

9.72

dB

Center 1.880 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4984 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.276 kHz	
x dB Bandwidth	4.948 MHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87500000 GHz

Stop Freq
1.88500000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	4.511	4.963	5	Pass

Agilent 11:17:51 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.72 dB

Center 1.880 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5112 MHz	x dB	-26.00 dB
Transmit Freq Error		3.117 kHz
x dB Bandwidth		4.963 MHz

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87500000 GHz

Stop Freq
1.88500000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	4.501	4.95	5	Pass

Agilent 11:18:04 Sep 9, 2022

Ch Freq 1.9075 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.8 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.8 dB

Center 1.907 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5012 MHz	x dB	-26.00 dB
Transmit Freq Error	2.510 kHz	
x dB Bandwidth	4.950 MHz	

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Freq/Channel

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

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	4.515	4.997	5	Pass

Agilent 11:18:15 Sep 9, 2022

Ch Freq 1.9075 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.8 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

9.8 dB

Center 1.907 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5152 MHz	x dB	-26.00 dB
Transmit Freq Error	4.439 kHz	
x dB Bandwidth	4.997 MHz	

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Freq/Channel

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

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	8.992	9.923	10	Pass

Agilent 11:18:39 Sep 9, 2022

Ch Freq 1.855 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.73 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.73 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 %
8.9917 MHz	x dB	-26.00 dB
Transmit Freq Error	8.409 kHz	
x dB Bandwidth	9.923 MHz	

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Freq/Channel

Center Freq
1.85500000 GHz

Start Freq
1.84500000 GHz

Stop Freq
1.86500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

8.20. 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	8.982	9.818	10	Pass

Agilent 11:18:49 Sep 9, 2022

Ch Freq 1.855 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.73 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.73 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 %
8.9815 MHz	x dB	-26.00 dB
Transmit Freq Error	11.275 kHz	
x dB Bandwidth	9.818 MHz	

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Freq/Channel

Center Freq
1.85500000 GHz

Start Freq
1.84500000 GHz

Stop Freq
1.86500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.962	9.833	10	Pass

Agilent 11:19:02 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 dB

Center 1.880 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9625 MHz	x dB	-26.00 dB
Transmit Freq Error	5.717 kHz	
x dB Bandwidth	9.833 MHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87000000 GHz

Stop Freq
1.89000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	8.977	9.803	10	Pass

Agilent 11:19:13 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.72 dB

Center 1.880 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9772 MHz	x dB	-26.00 dB
Transmit Freq Error	7.992 kHz	
x dB Bandwidth	9.803 MHz	

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Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87000000 GHz

Stop Freq
1.89000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	9.001	9.895	10	Pass

Agilent 11:19:26 Sep 9, 2022

Ch Freq 1.905 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 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 %
9.0014 MHz	x dB	-26.00 dB
Transmit Freq Error	-20.898 kHz	
x dB Bandwidth	9.895 MHz	

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Freq/Channel

Center Freq
1.90500000 GHz

Start Freq
1.89500000 GHz

Stop Freq
1.91500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	8.989	9.891	10	Pass

Agilent 11:19:36 Sep 9, 2022

Ch Freq 1.905 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 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 %
8.9895 MHz	x dB	-26.00 dB
Transmit Freq Error	-19.201 kHz	
x dB Bandwidth	9.891 MHz	

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Freq/Channel

Center Freq
1.90500000 GHz

Start Freq
1.89500000 GHz

Stop Freq
1.91500000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.454	14.763	15	Pass

Agilent 11:20:00 Sep 9, 2022

Ch Freq 1.8575 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.71 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.71 dB

Center 1.857 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4538 MHz	x dB	-26.00 dB
Transmit Freq Error	-6.774 kHz	
x dB Bandwidth	14.763 MHz	

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Freq/Channel

Center Freq
1.85750000 GHz

Start Freq
1.84250000 GHz

Stop Freq
1.87250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

8.26. 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	13.457	14.659	15	Pass

Agilent 11:20:11 Sep 9, 2022

Ch Freq 1.8575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.71 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.71 dB

Center 1.857 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4570 MHz	x dB	-26.00 dB
Transmit Freq Error	-15.192 kHz	
x dB Bandwidth	14.659 MHz	

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Freq/Channel

Center Freq
1.85750000 GHz

Start Freq
1.84250000 GHz

Stop Freq
1.87250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.438	14.686	15	Pass

Agilent 11:20:24 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 dB

Center 1.880 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4384 MHz	x dB	-26.00 dB
Transmit Freq Error	3.389 kHz	
x dB Bandwidth	14.686 MHz	

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Freq/Channel

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

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	13.498	14.729	15	Pass

Agilent 11:20:35 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 dB

Center 1.880 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4984 MHz	x dB	-26.00 dB
Transmit Freq Error	11.923 kHz	
x dB Bandwidth	14.729 MHz	

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Freq/Channel

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

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	13.457	14.743	15	Pass

Agilent 11:20:48 Sep 9, 2022

Ch Freq 1.9025 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 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 %
13.4573 MHz	x dB	-26.00 dB
Transmit Freq Error	-48.888 kHz	
x dB Bandwidth	14.743 MHz	

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Freq/Channel

Center Freq
1.90250000 GHz

Start Freq
1.88750000 GHz

Stop Freq
1.91750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

8.30. 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	13.49	14.646	15	Pass

Agilent 11:20:58 Sep 9, 2022

Ch Freq 1.9025 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

Center 1.902 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4901 MHz	x dB	-26.00 dB
Transmit Freq Error	-34.921 kHz	
x dB Bandwidth	14.646 MHz	

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Freq/Channel

Center Freq
1.90250000 GHz

Start Freq
1.88750000 GHz

Stop Freq
1.91750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1860	99	26	0.39	Peak	17.941	19.423	20	Pass

Agilent 11:21:22 Sep 9, 2022

Ch Freq 1.86 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.69 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.69 dB

Center 1.860 00 GHz Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9411 MHz	x dB	-26.00 dB
Transmit Freq Error	-19.670 kHz	
x dB Bandwidth	19.423 MHz	

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Freq/Channel

Center Freq
1.86000000 GHz

Start Freq
1.84000000 GHz

Stop Freq
1.88000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

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	17.927	19.422	20	Pass

Agilent 11:21:33 Sep 9, 2022

Ch Freq 1.86 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.69 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.69 dB

Center 1.860 00 GHz Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9275 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.635 kHz	
x dB Bandwidth	19.422 MHz	

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Freq/Channel

Center Freq
1.86000000 GHz

Start Freq
1.84000000 GHz

Stop Freq
1.88000000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

8.33. 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	17.942	19.475	20	Pass

Agilent 11:21:46 Sep 9, 2022

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.72 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.72 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 %
17.9424 MHz	x dB	-26.00 dB
Transmit Freq Error	36.395 kHz	
x dB Bandwidth	19.475 MHz	

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Freq/Channel

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

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	17.944	19.639	20	Pass

Agilent 11:21:56 Sep 9, 2022

Ch Freq 1.88 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.72 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 %
17.9438 MHz	x dB	-26.00 dB
Transmit Freq Error	21.322 kHz	
x dB Bandwidth	19.639 MHz	

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Freq/Channel

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

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	17.942	19.524	20	Pass

Agilent 11:22:09 Sep 9, 2022

Ch Freq 1.9 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.8 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 %
17.9423 MHz	x dB	-26.00 dB
Transmit Freq Error	-67.308 kHz	
x dB Bandwidth	19.524 MHz	

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Freq/Channel

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

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	17.931	19.387	20	Pass

Agilent 11:22:20 Sep 9, 2022

Ch Freq 1.9 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.8 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.8 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 %
17.9311 MHz	x dB	-26.00 dB
Transmit Freq Error	-54.300 kHz	
x dB Bandwidth	19.387 MHz	

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Freq/Channel

Center Freq
1.90000000 GHz

Start Freq
1.88000000 GHz

Stop Freq
1.92000000 GHz

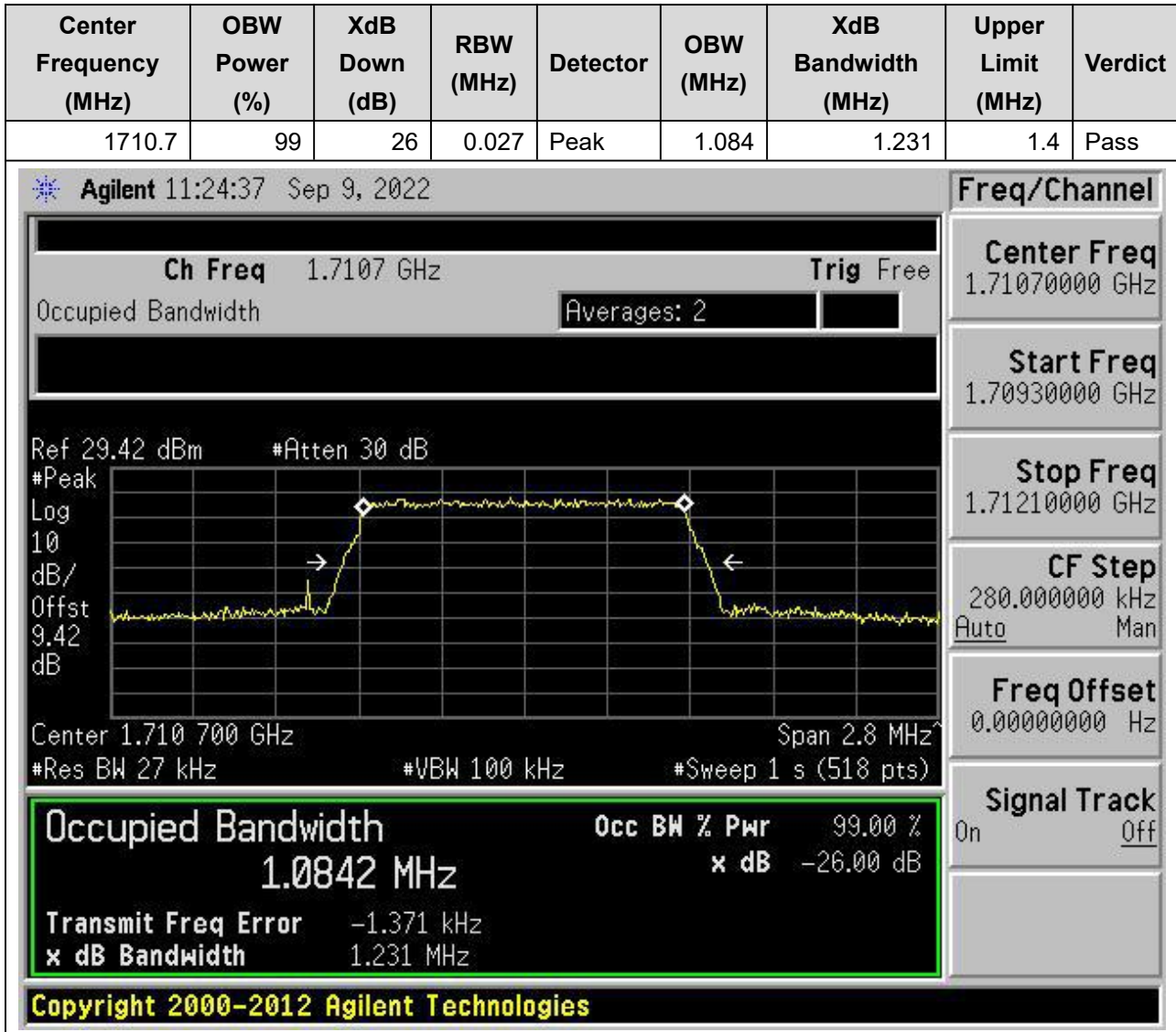
CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	1.087	1.226	1.4	Pass

Agilent 11:24:48 Sep 9, 2022

Ch Freq 1.7107 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.42 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.42 dB

Center 1.710 700 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0869 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.706 kHz	
x dB Bandwidth	1.226 MHz	

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Freq/Channel

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

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	1.085	1.231	1.4	Pass

Agilent 11:25:01 Sep 9, 2022

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.47 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.47 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 %
1.0850 MHz	x dB	-26.00 dB
Transmit Freq Error	-152.138 Hz	
x dB Bandwidth	1.231 MHz	

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Freq/Channel

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

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	1.083	1.219	1.4	Pass

Agilent 11:25:12 Sep 9, 2022

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.47 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.47 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 %
1.0828 MHz	x dB	-26.00 dB
Transmit Freq Error	-320.123 Hz	
x dB Bandwidth	1.219 MHz	

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Freq/Channel

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

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	1.089	1.204	1.4	Pass

Agilent 11:25:25 Sep 9, 2022

Ch Freq 1.7543 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.51 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.51 dB

Center 1.754 300 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0892 MHz	x dB	-26.00 dB
Transmit Freq Error	-630.263 Hz	
x dB Bandwidth	1.204 MHz	

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Freq/Channel

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

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	1.084	1.224	1.4	Pass

Agilent 11:25:35 Sep 9, 2022

Ch Freq 1.7543 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.51 dB

Center 1.754 300 GHz Span 2.8 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0840 MHz	x dB	-26.00 dB
Transmit Freq Error	-75.759 Hz	
x dB Bandwidth	1.224 MHz	

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Freq/Channel

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

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	2.699	3.006	3	Pass

Agilent 11:25:56 Sep 9, 2022

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.42 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.42 dB

Center 1.711 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6993 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.481 kHz	
x dB Bandwidth	3.006 MHz	

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Freq/Channel

Center Freq
1.71150000 GHz

Start Freq
1.70850000 GHz

Stop Freq
1.71450000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	2.699	3.015	3	Pass

Agilent 11:26:07 Sep 9, 2022

Ch Freq 1.7115 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.42 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.42 dB

Center 1.711 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6986 MHz	x dB	-26.00 dB
Transmit Freq Error	-320.760 Hz	
x dB Bandwidth	3.015 MHz	

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Freq/Channel

Center Freq
1.71150000 GHz

Start Freq
1.70850000 GHz

Stop Freq
1.71450000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	2.7	3.004	3	Pass

Agilent 11:26:20 Sep 9, 2022

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.47 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.47 dB

Center 1.732 500 GHz Span 6 MHz

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

Occupied Bandwidth		Occ BW % Pwr	99.00 %
2.7002 MHz		x dB	-26.00 dB
Transmit Freq Error		-4.986 kHz	
x dB Bandwidth		3.004 MHz	

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Freq/Channel

Center Freq 1.73250000 GHz

Start Freq 1.72950000 GHz

Stop Freq 1.73550000 GHz

CF Step 600.000000 kHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

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	2.702	3.011	3	Pass

Agilent 11:26:30 Sep 9, 2022

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.47 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.47 dB

Center 1.732 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.7023 MHz	x dB	-26.00 dB
Transmit Freq Error		-2.162 kHz
x dB Bandwidth		3.011 MHz

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Freq/Channel

Center Freq
1.73250000 GHz

Start Freq
1.72950000 GHz

Stop Freq
1.73550000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	2.697	3.006	3	Pass

Agilent 11:26:43 Sep 9, 2022

Ch Freq 1.7535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.51 dB

Center 1.753 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6967 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.655 kHz	
x dB Bandwidth	3.006 MHz	

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Freq/Channel

Center Freq
1.75350000 GHz

Start Freq
1.75050000 GHz

Stop Freq
1.75650000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	2.692	3.023	3	Pass

Agilent 11:26:54 Sep 9, 2022

Ch Freq 1.7535 GHz **Trig** Free

Occupied Bandwidth **Averages:** 2

Ref 29.51 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.51 dB

Center 1.753 500 GHz Span 6 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6918 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.973 kHz	
x dB Bandwidth	3.023 MHz	

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Freq/Channel

Center Freq
1.75350000 GHz

Start Freq
1.75050000 GHz

Stop Freq
1.75650000 GHz

CF Step
600.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	4.988	5	Pass

Agilent 11:27:15 Sep 9, 2022

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.42 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.42 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 %
4.5082 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.641 kHz	
x dB Bandwidth	4.988 MHz	

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Freq/Channel

Center Freq
1.71250000 GHz

Start Freq
1.70750000 GHz

Stop Freq
1.71750000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	4.503	4.926	5	Pass

Agilent 11:27:26 Sep 9, 2022

Ch Freq 1.7125 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.42 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.42 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 %
4.5028 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.469 kHz	
x dB Bandwidth	4.926 MHz	

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Freq/Channel

Center Freq
1.71250000 GHz

Start Freq
1.70750000 GHz

Stop Freq
1.71750000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	4.97	5	Pass

Agilent 11:27:39 Sep 9, 2022

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.47 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.47 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 %
4.5003 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.868 kHz	
x dB Bandwidth	4.970 MHz	

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Freq/Channel

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

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	4.511	4.95	5	Pass

Agilent 11:27:49 Sep 9, 2022

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.47 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.47 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 %
4.5113 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.335 kHz	
x dB Bandwidth	4.950 MHz	

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Freq/Channel

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

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	4.495	4.967	5	Pass

Agilent 11:28:02 Sep 9, 2022

Ch Freq 1.7525 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.52 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.52 dB

Center 1.752 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4945 MHz	x dB	-26.00 dB
Transmit Freq Error		4.420 kHz
x dB Bandwidth		4.967 MHz

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Freq/Channel

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

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	4.503	4.982	5	Pass

Agilent 11:28:13 Sep 9, 2022

Ch Freq 1.7525 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.52 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.52 dB

Center 1.752 500 GHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5031 MHz	x dB	-26.00 dB
Transmit Freq Error	6.401 kHz	
x dB Bandwidth	4.982 MHz	

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Freq/Channel

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

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	8.997	9.907	10	Pass

Agilent 11:28:34 Sep 9, 2022

Ch Freq 1.715 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.42 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.42 dB

Center 1.715 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9968 MHz	x dB	-26.00 dB
Transmit Freq Error		9.834 kHz
x dB Bandwidth		9.907 MHz

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Freq/Channel

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

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	8.983	9.863	10	Pass

Agilent 11:28:45 Sep 9, 2022

Ch Freq 1.715 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.42 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.42 dB

Center 1.715 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9832 MHz	x dB	-26.00 dB
Transmit Freq Error	11.605 kHz	
x dB Bandwidth	9.863 MHz	

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Freq/Channel

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

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	8.97	9.854	10	Pass

Agilent 11:28:58 Sep 9, 2022

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.47 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.47 dB

Center 1.732 50 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9703 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.069 kHz	
x dB Bandwidth	9.854 MHz	

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Freq/Channel

Center Freq
1.73250000 GHz

Start Freq
1.72250000 GHz

Stop Freq
1.74250000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	8.975	9.793	10	Pass

Agilent 11:29:08 Sep 9, 2022

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.47 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.47 dB

Center 1.732 50 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9748 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.196 kHz	
x dB Bandwidth	9.793 MHz	

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Freq/Channel

Center Freq
1.73250000 GHz

Start Freq
1.72250000 GHz

Stop Freq
1.74250000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	8.981	9.852	10	Pass

Agilent 11:29:21 Sep 9, 2022

Ch Freq 1.75 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.53 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.53 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 %
8.9807 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.372 kHz	
x dB Bandwidth	9.852 MHz	

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Freq/Channel

Center Freq
1.75000000 GHz

Start Freq
1.74000000 GHz

Stop Freq
1.76000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	8.974	9.835	10	Pass

Agilent 11:29:32 Sep 9, 2022

Ch Freq 1.75 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.53 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.53 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 %
8.9743 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.504 kHz	
x dB Bandwidth	9.835 MHz	

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Freq/Channel

Center Freq
1.75000000 GHz

Start Freq
1.74000000 GHz

Stop Freq
1.76000000 GHz

CF Step
2.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.476	14.787	15	Pass

Agilent 11:29:53 Sep 9, 2022

Ch Freq 1.7175 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.43 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.43 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 %
13.4756 MHz	x dB	-26.00 dB
Transmit Freq Error	13.826 kHz	
x dB Bandwidth	14.787 MHz	

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Freq/Channel

Center Freq
1.71750000 GHz

Start Freq
1.70250000 GHz

Stop Freq
1.73250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.483	14.721	15	Pass

Agilent 11:30:04 Sep 9, 2022

Ch Freq 1.7175 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.43 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.43 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 %
13.4827 MHz	x dB	-26.00 dB
Transmit Freq Error	6.517 kHz	
x dB Bandwidth	14.721 MHz	

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Freq/Channel

Center Freq
1.71750000 GHz

Start Freq
1.70250000 GHz

Stop Freq
1.73250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.436	14.748	15	Pass

Agilent 11:30:17 Sep 9, 2022

Ch Freq 1.7325 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.47 dBm #Atten 30 dB

#Peak

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 %
13.4364 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.536 kHz	
x dB Bandwidth	14.748 MHz	

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Freq/Channel

Center Freq
1.73250000 GHz

Start Freq
1.71750000 GHz

Stop Freq
1.74750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.461	14.714	15	Pass

Agilent 11:30:28 Sep 9, 2022

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.47 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.47 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 %
13.4608 MHz	x dB	-26.00 dB
Transmit Freq Error	-16.391 kHz	
x dB Bandwidth	14.714 MHz	

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Freq/Channel

Center Freq
1.73250000 GHz

Start Freq
1.71750000 GHz

Stop Freq
1.74750000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.453	14.712	15	Pass

Agilent 11:30:41 Sep 9, 2022

Ch Freq 1.7475 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.52 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.52 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 %
13.4528 MHz	x dB	-26.00 dB
Transmit Freq Error		-5.331 kHz
x dB Bandwidth		14.712 MHz

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Freq/Channel

Center Freq
1.74750000 GHz

Start Freq
1.73250000 GHz

Stop Freq
1.76250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	13.482	14.704	15	Pass

Agilent 11:30:51 Sep 9, 2022

Ch Freq 1.7475 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.52 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.52 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 %
13.4825 MHz	x dB	-26.00 dB
Transmit Freq Error	-680.457 Hz	
x dB Bandwidth	14.704 MHz	

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Freq/Channel

Center Freq
1.74750000 GHz

Start Freq
1.73250000 GHz

Stop Freq
1.76250000 GHz

CF Step
3.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	17.946	19.476	20	Pass

Agilent 11:31:13 Sep 9, 2022

Ch Freq 1.72 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.43 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.43 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 %
17.9458 MHz	x dB	-26.00 dB
Transmit Freq Error		10.082 kHz
x dB Bandwidth		19.476 MHz

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Freq/Channel

Center Freq
1.72000000 GHz

Start Freq
1.70000000 GHz

Stop Freq
1.74000000 GHz

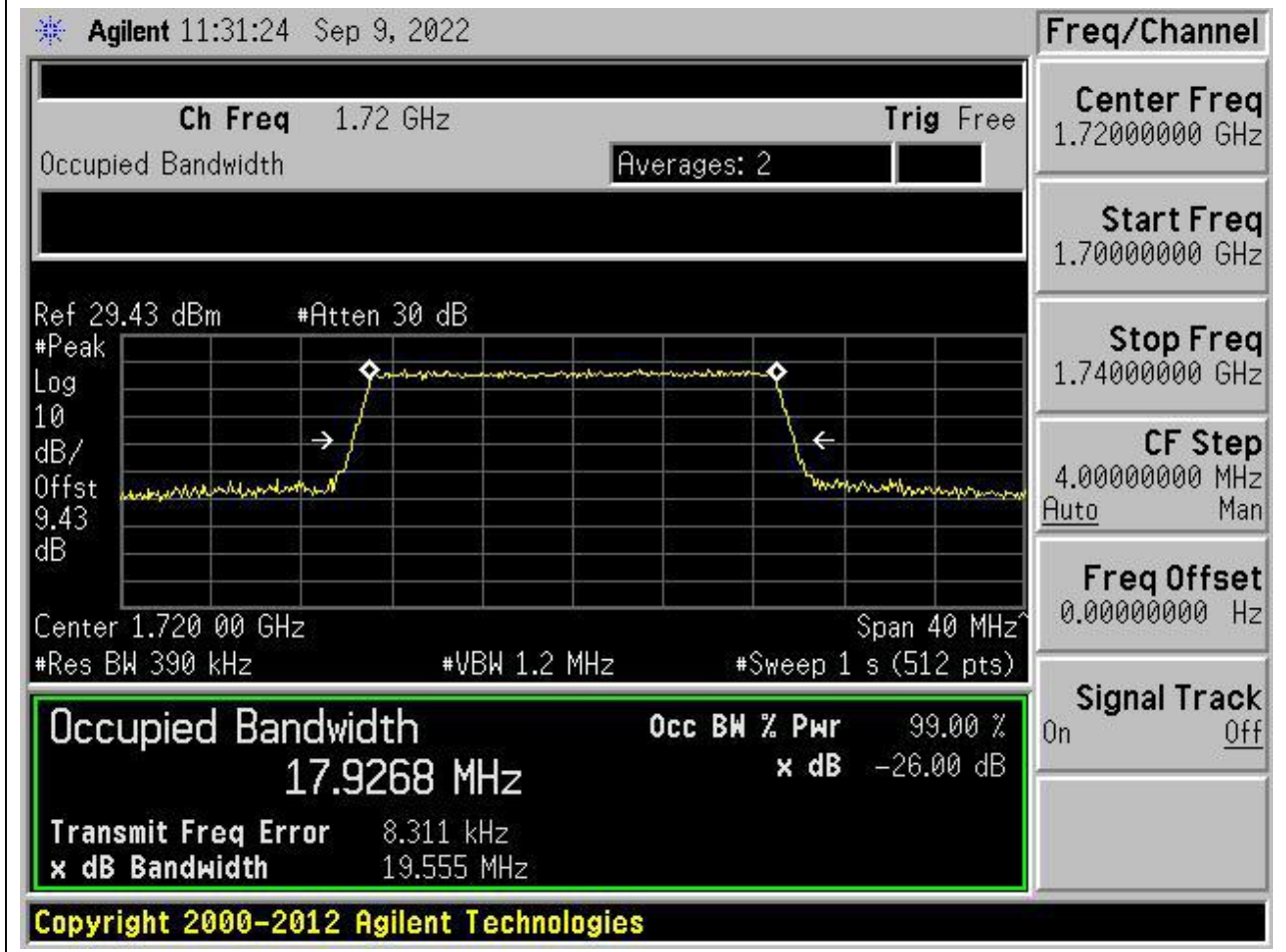
CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

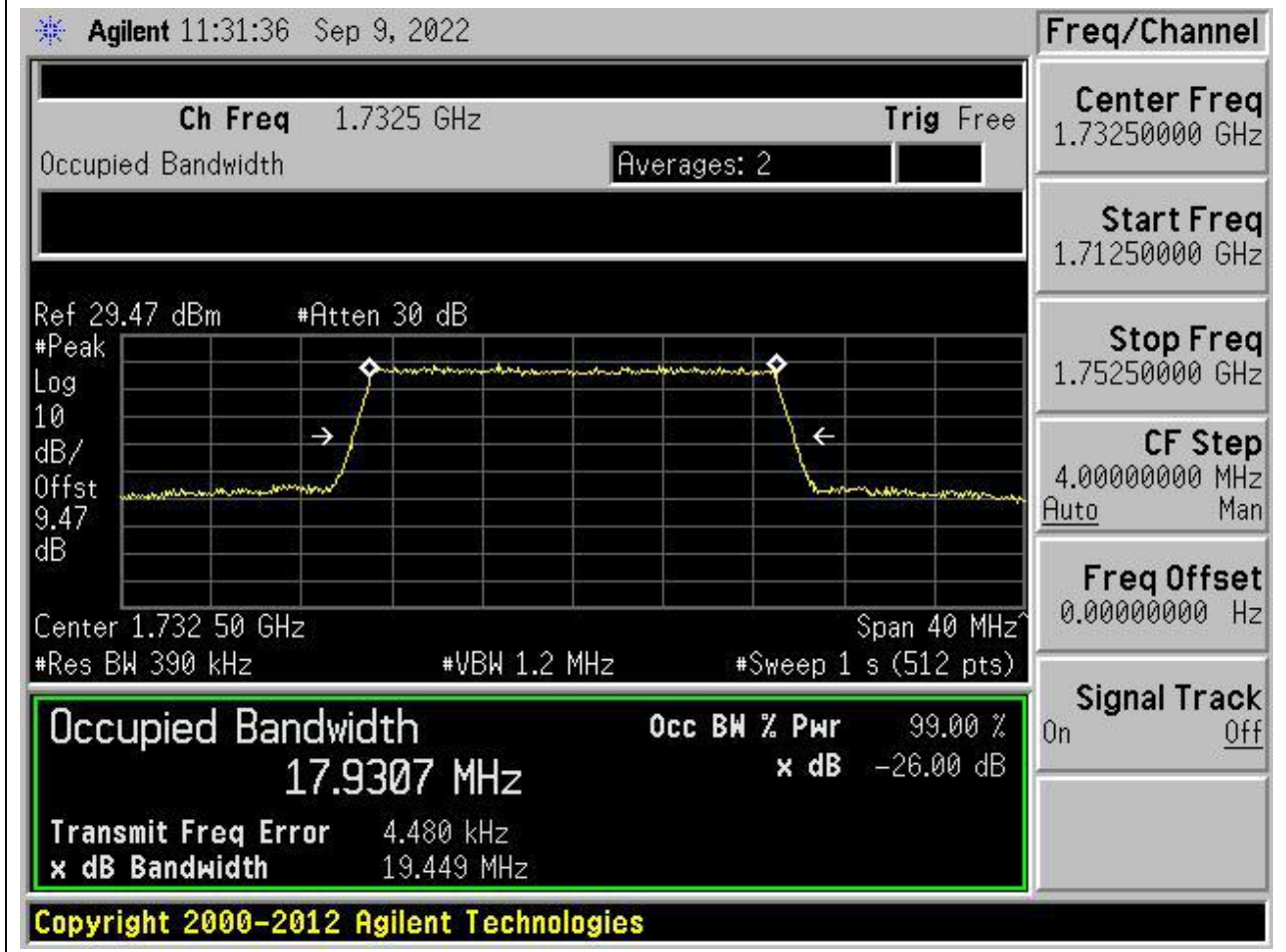
9.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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	17.927	19.555	20	Pass



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	17.931	19.449	20	Pass



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	17.947	19.526	20	Pass

Agilent 11:31:47 Sep 9, 2022

Ch Freq 1.7325 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.47 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.47 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 %
17.9467 MHz	x dB	-26.00 dB
Transmit Freq Error	-29.172 kHz	
x dB Bandwidth	19.526 MHz	

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Freq/Channel

Center Freq
1.73250000 GHz

Start Freq
1.71250000 GHz

Stop Freq
1.75250000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	17.974	19.733	20	Pass

Agilent 11:32:00 Sep 9, 2022

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.51 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 %
17.9741 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.297 kHz	
x dB Bandwidth	19.733 MHz	

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Freq/Channel

Center Freq
1.74500000 GHz

Start Freq
1.72500000 GHz

Stop Freq
1.76500000 GHz

CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	17.947	19.627	20	Pass

Agilent 11:32:11 Sep 9, 2022

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.51 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.51 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 %
17.9473 MHz	x dB	-26.00 dB
Transmit Freq Error	9.243 kHz	
x dB Bandwidth	19.627 MHz	

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Freq/Channel

Center Freq
1.74500000 GHz

Start Freq
1.72500000 GHz

Stop Freq
1.76500000 GHz

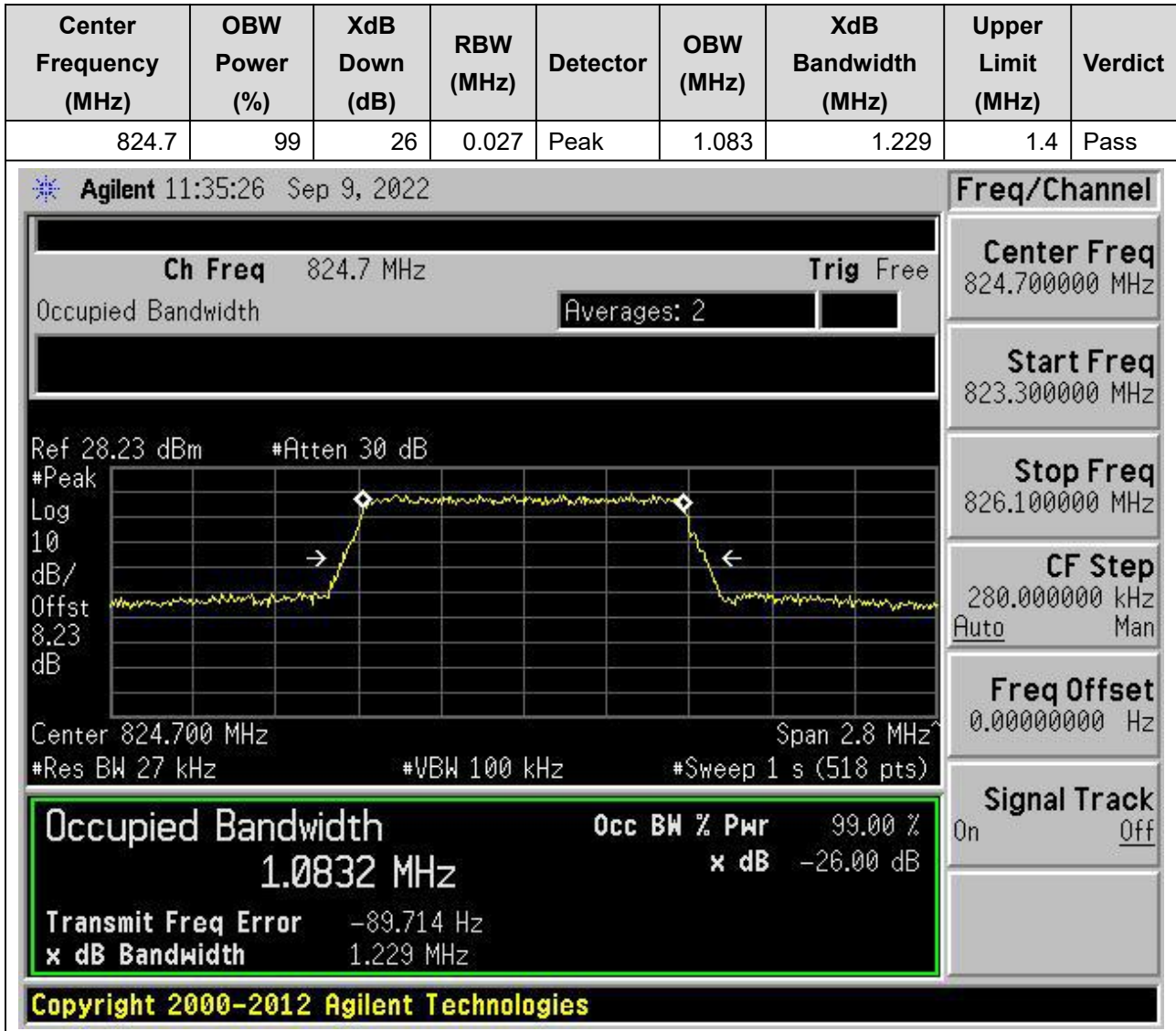
CF Step
4.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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	1.087	1.23	1.4	Pass

Agilent 11:35:37 Sep 9, 2022

Ch Freq 824.7 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.23 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.23 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 %
1.0874 MHz	x dB	-26.00 dB
Transmit Freq Error	-493.903 Hz	
x dB Bandwidth	1.230 MHz	

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Freq/Channel

Center Freq
824.700000 MHz

Start Freq
823.300000 MHz

Stop Freq
826.100000 MHz

CF Step
280.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off