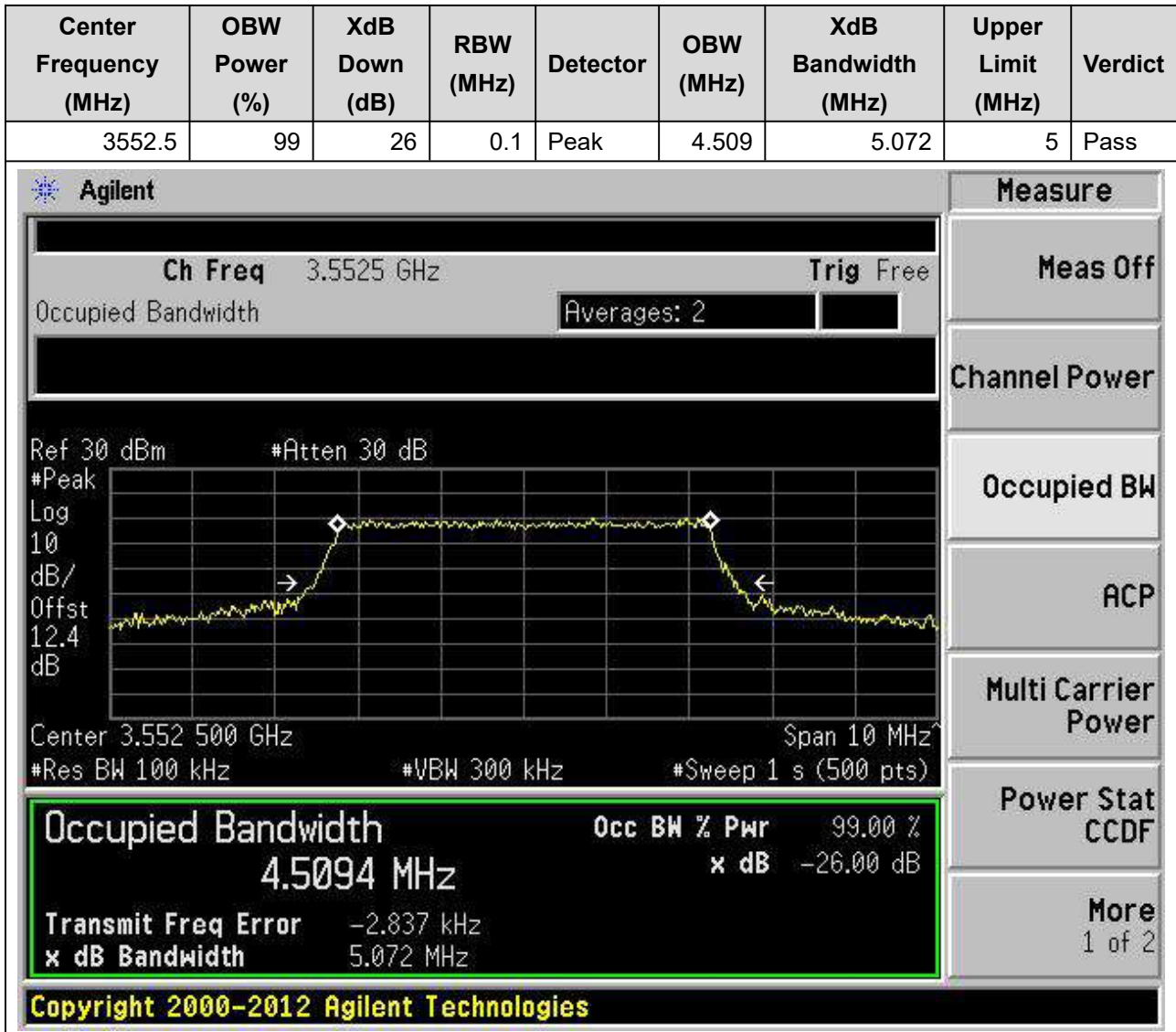


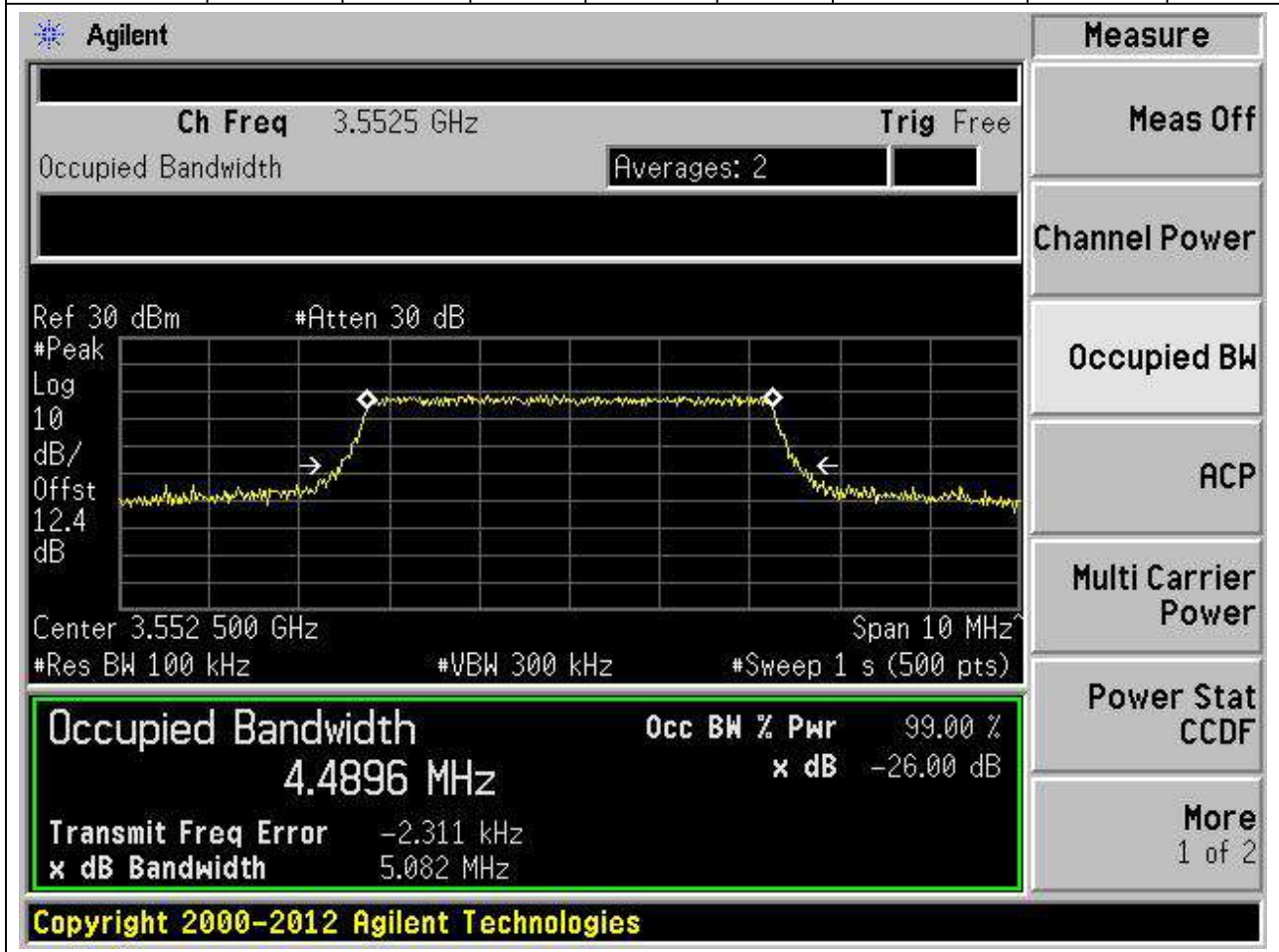
20. LTE_Band48

20.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



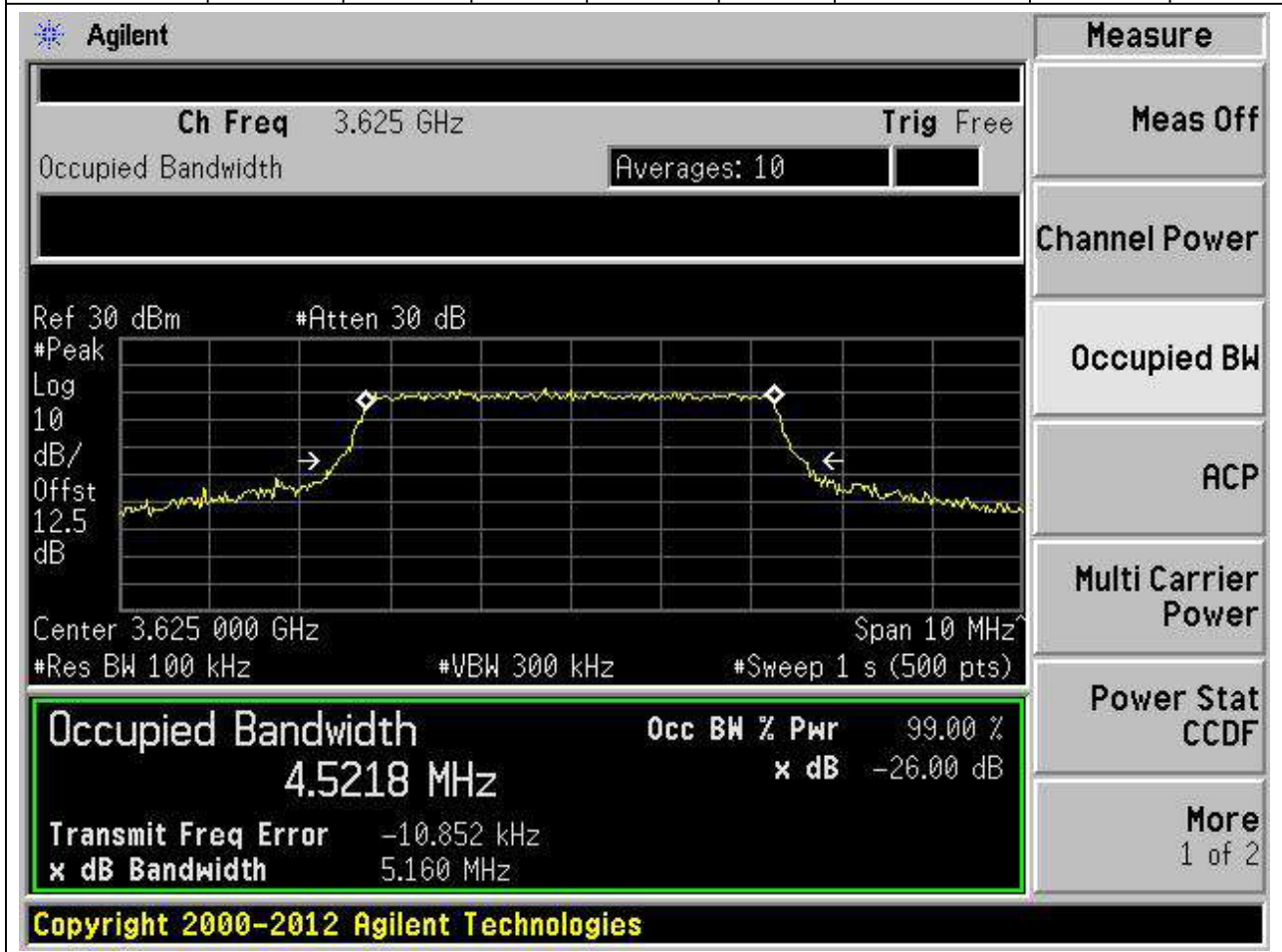
20.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:55265, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3552.5	99	26	0.1	Peak	4.49	5.082	5	Pass



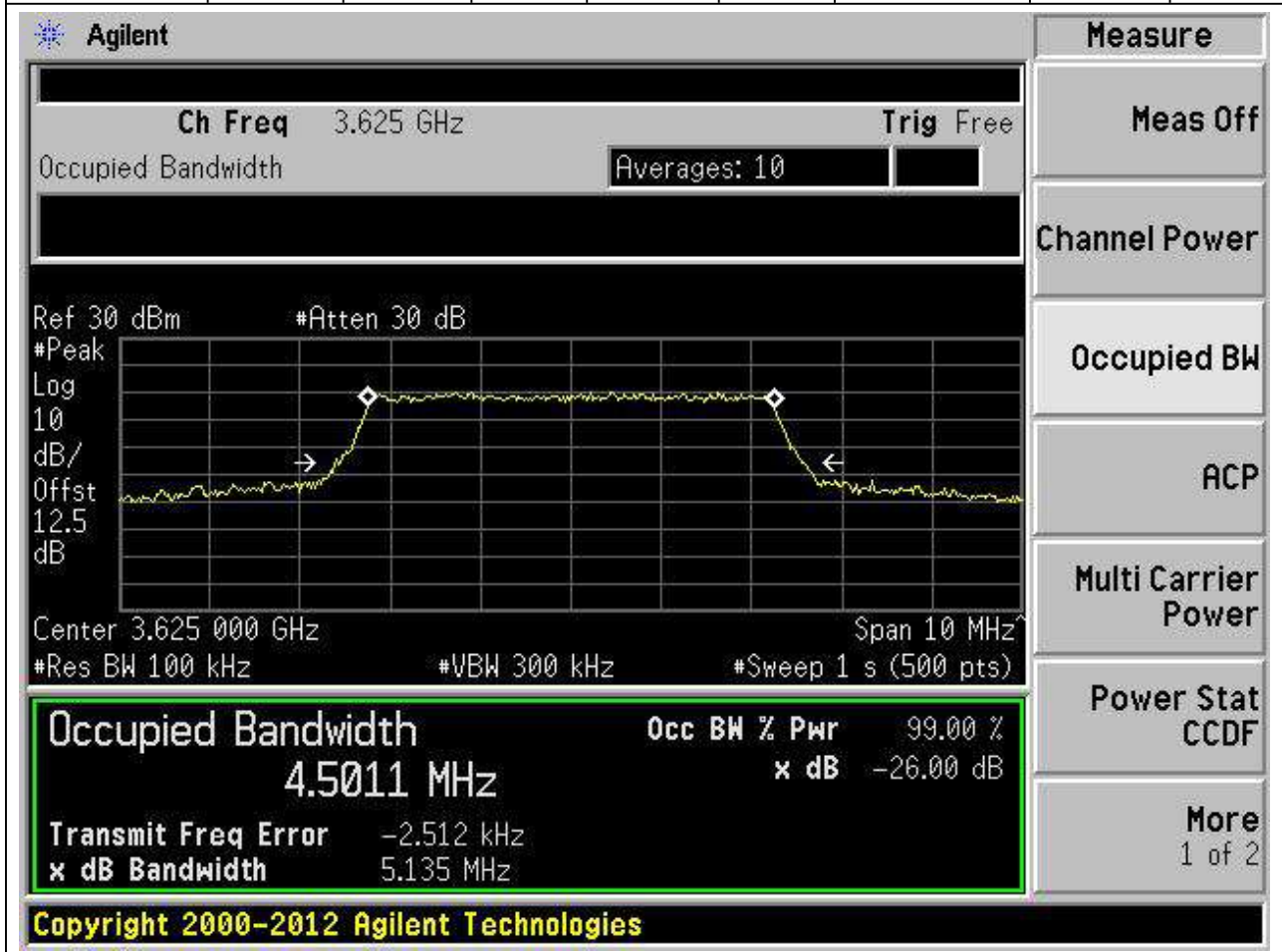
20.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:55990, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.1	Peak	4.522	5.16	5	Pass



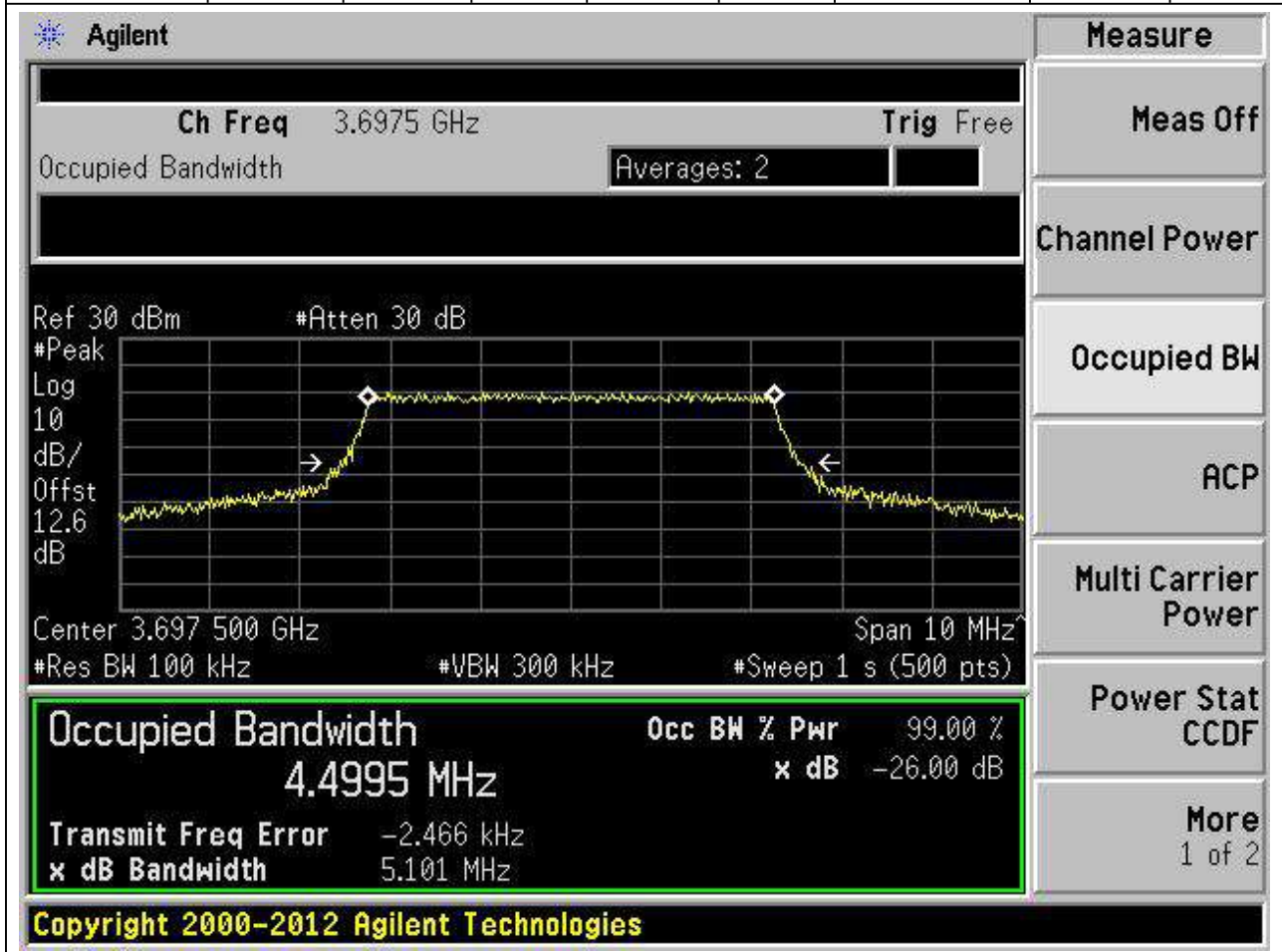
20.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:55990, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.1	Peak	4.501	5.135	5	Pass



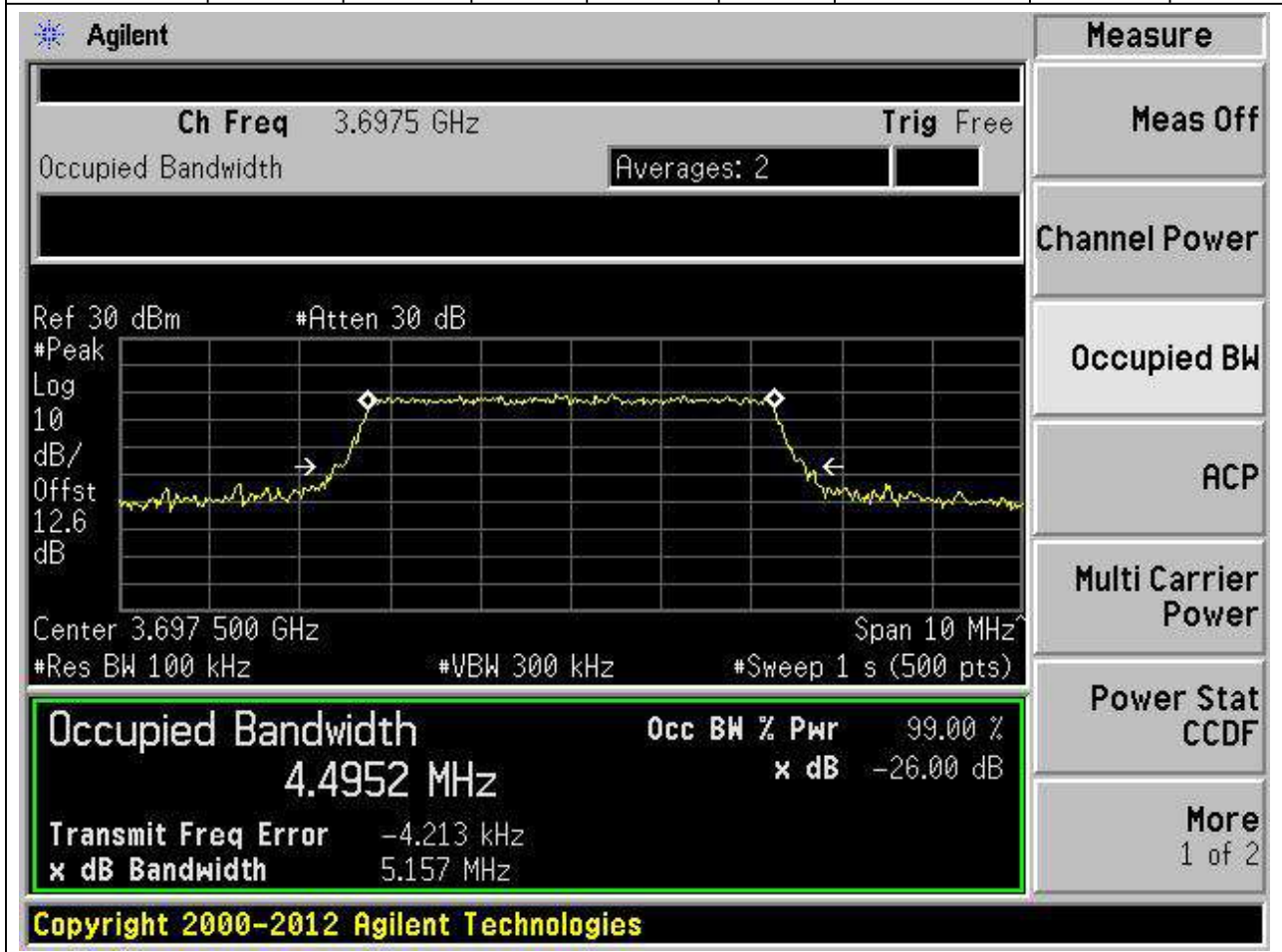
20.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3697.5	99	26	0.1	Peak	4.5	5.101	5	Pass



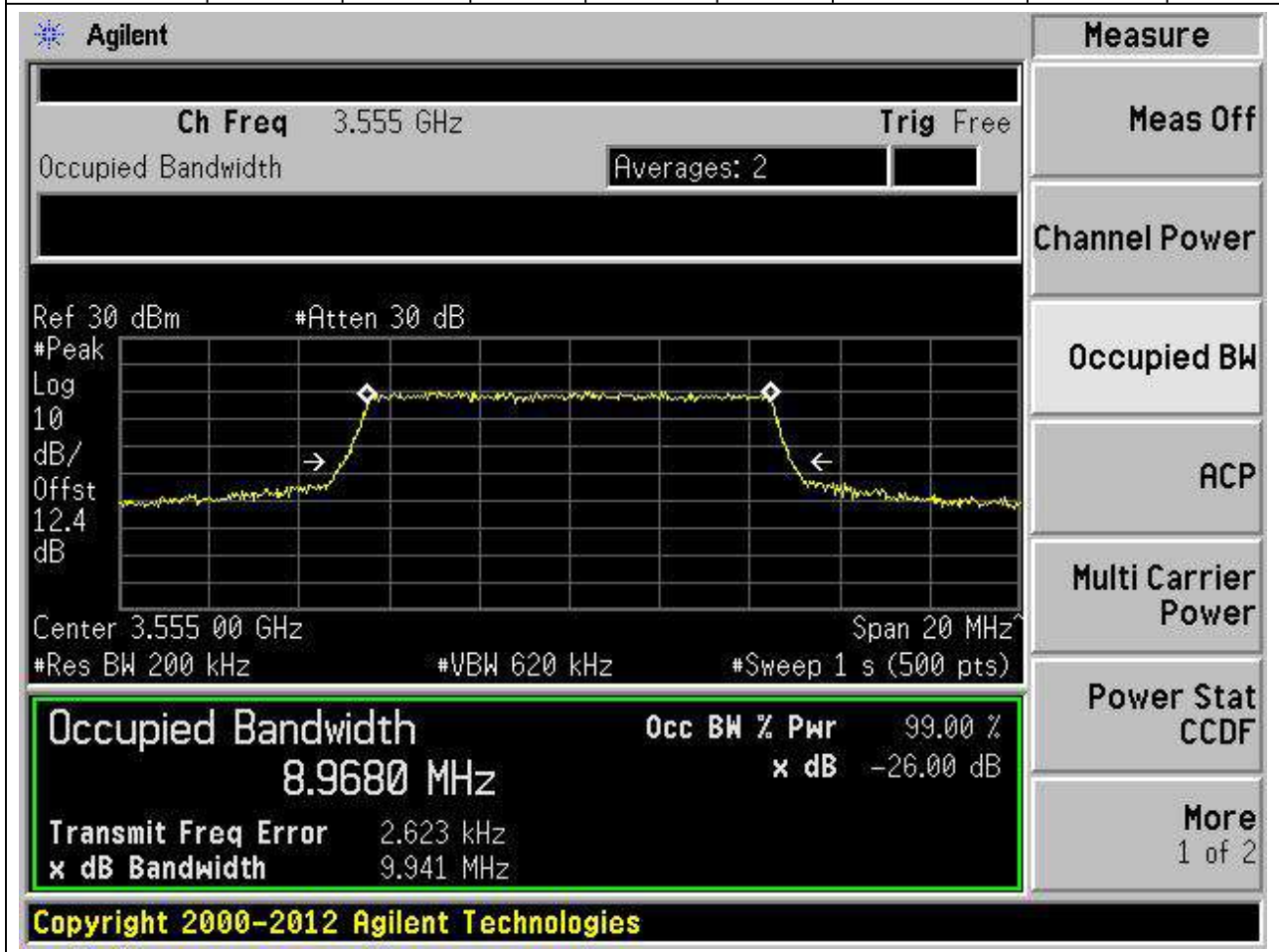
20.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:56715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3697.5	99	26	0.1	Peak	4.495	5.157	5	Pass



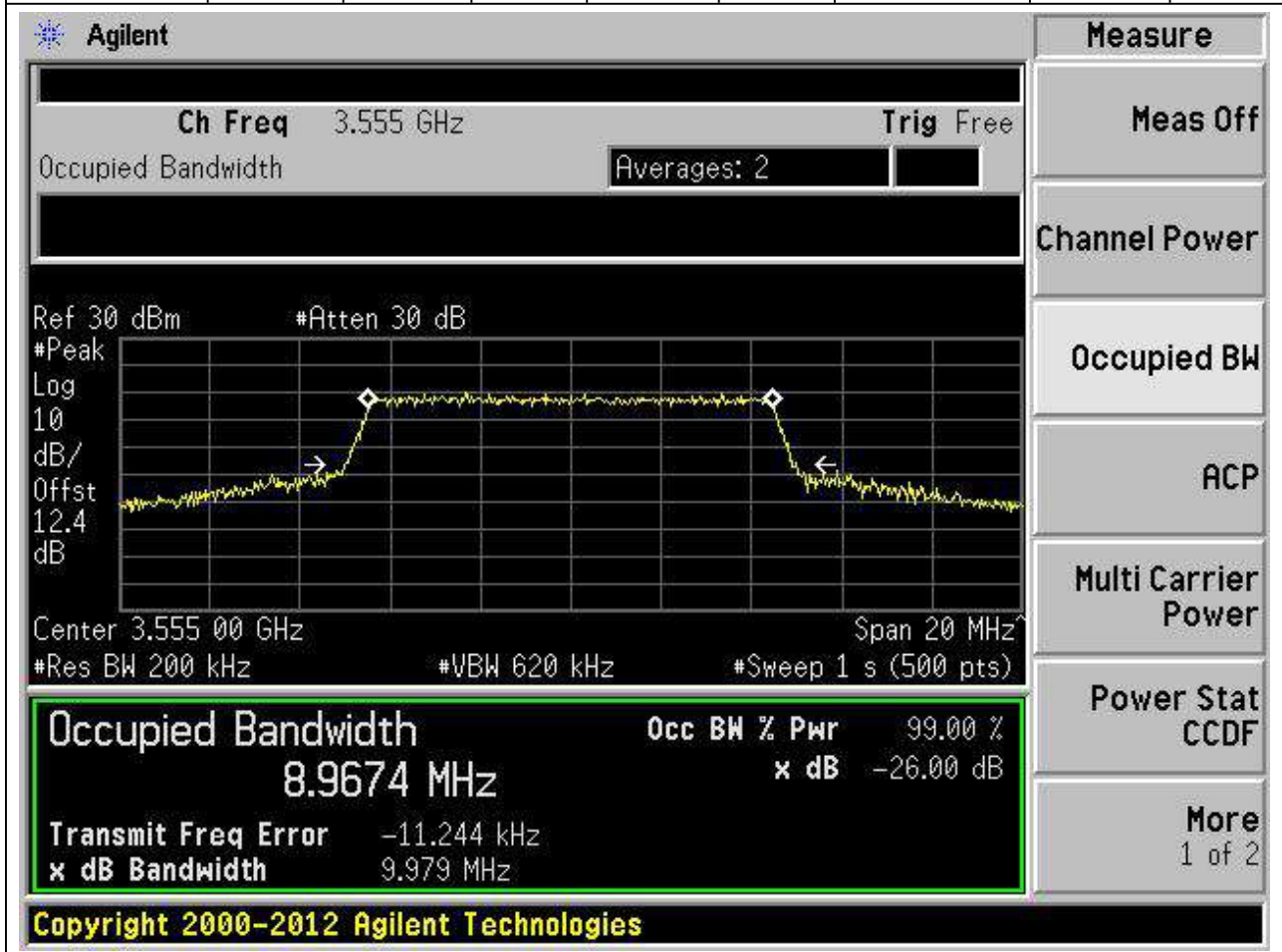
20.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.2	Peak	8.968	9.941	10	Pass



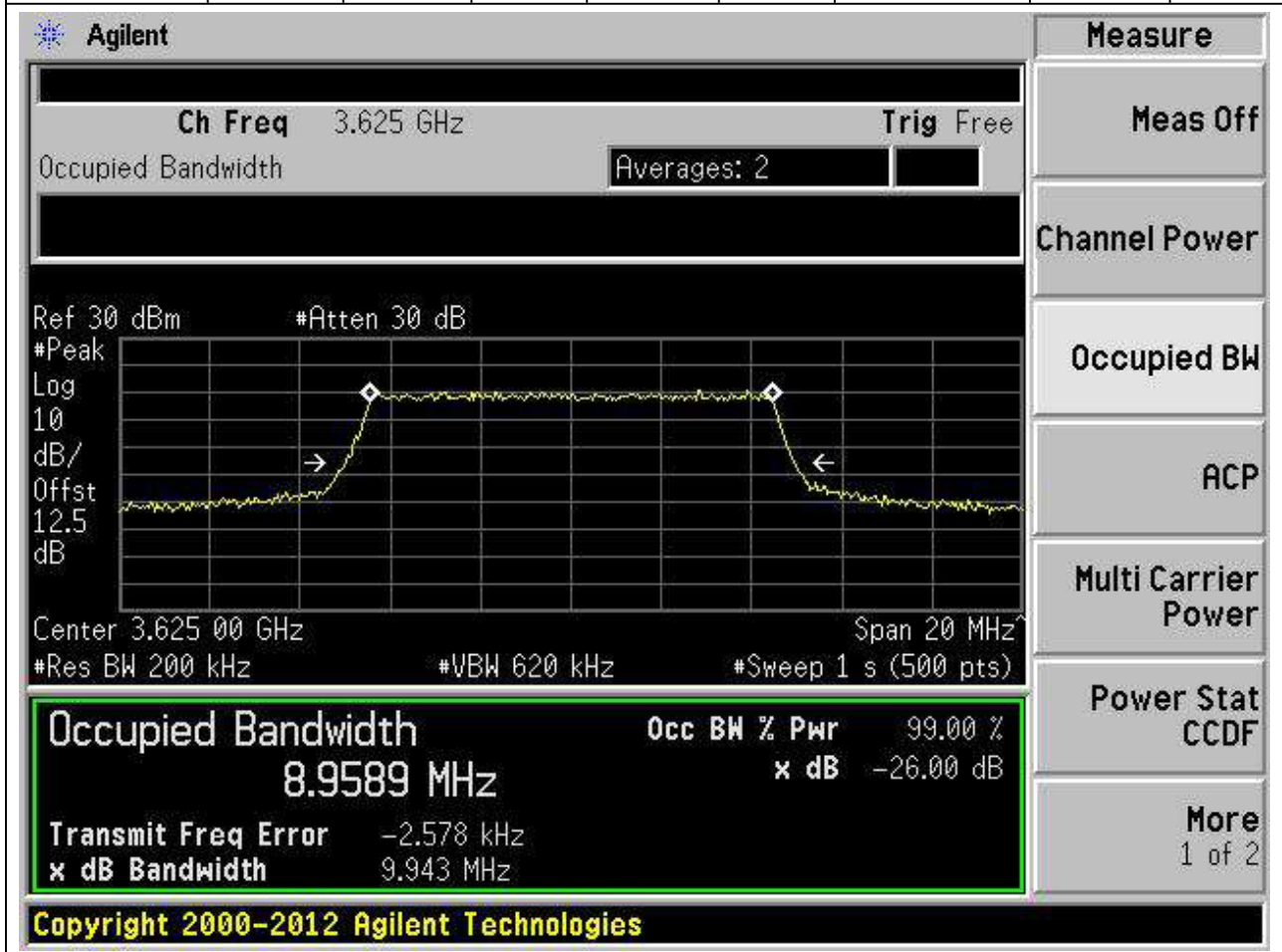
20.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.2	Peak	8.967	9.979	10	Pass



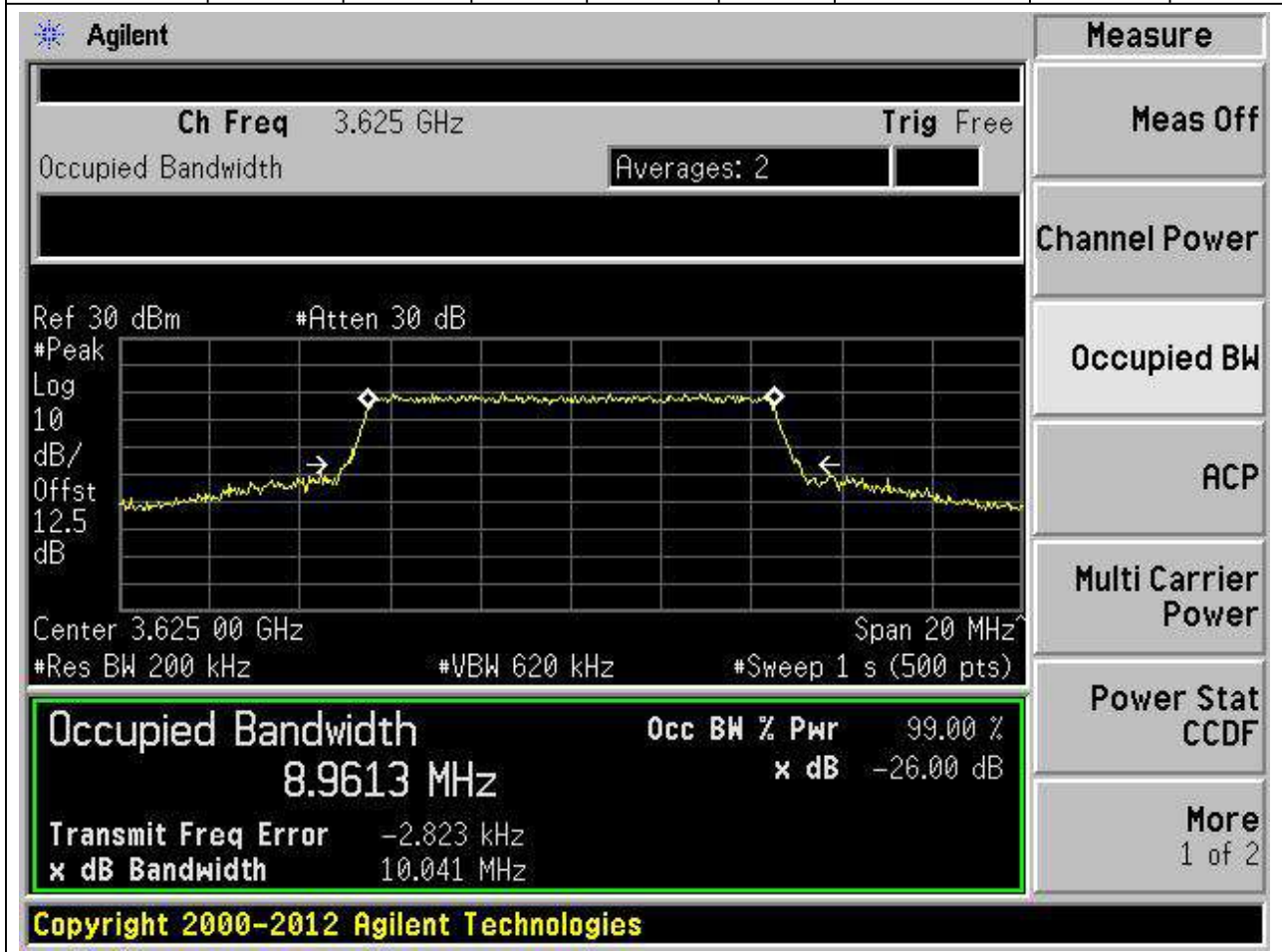
20.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.2	Peak	8.959	9.943	10	Pass



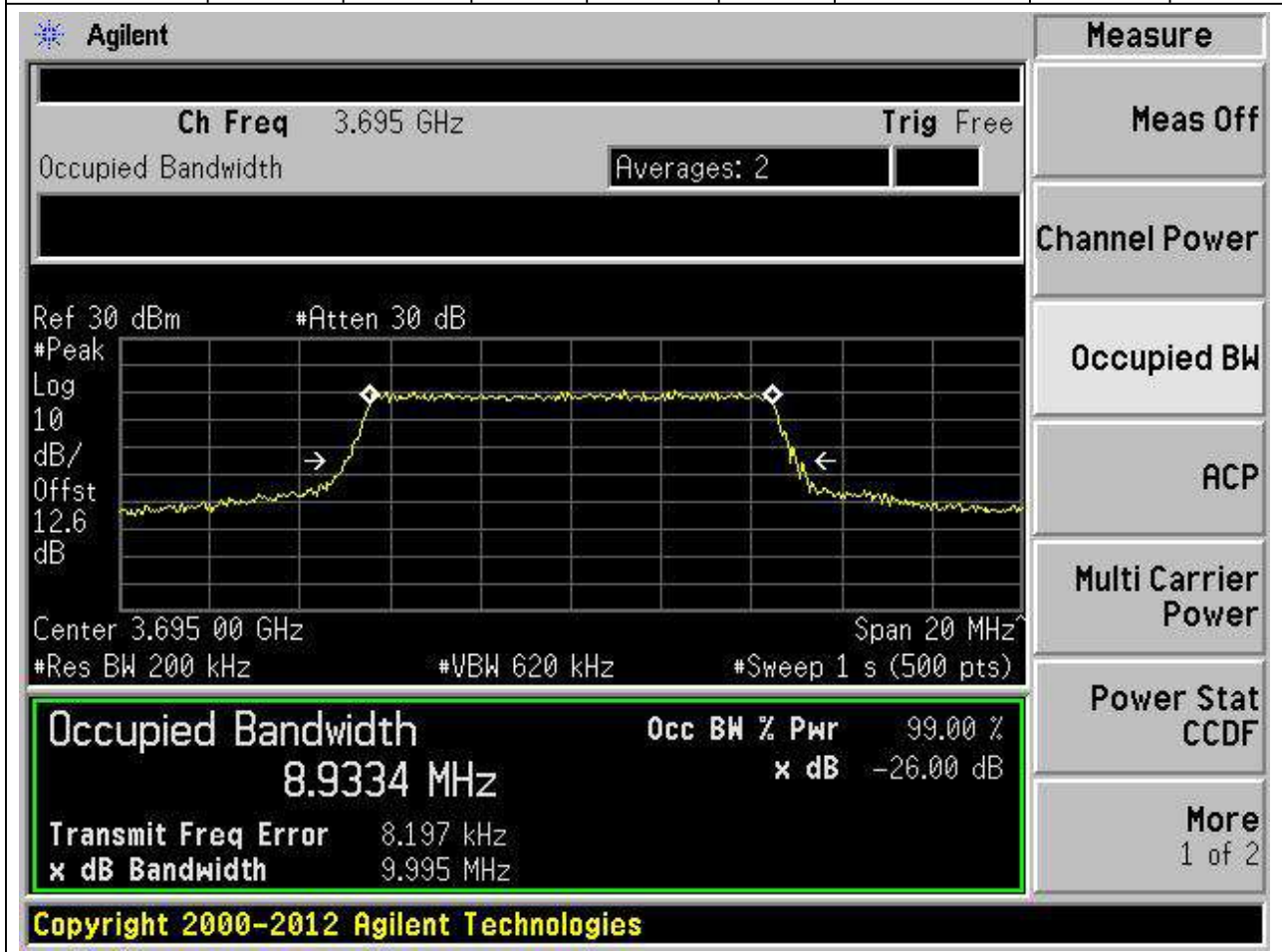
20.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:55990, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.2	Peak	8.961	10.041	10	Pass



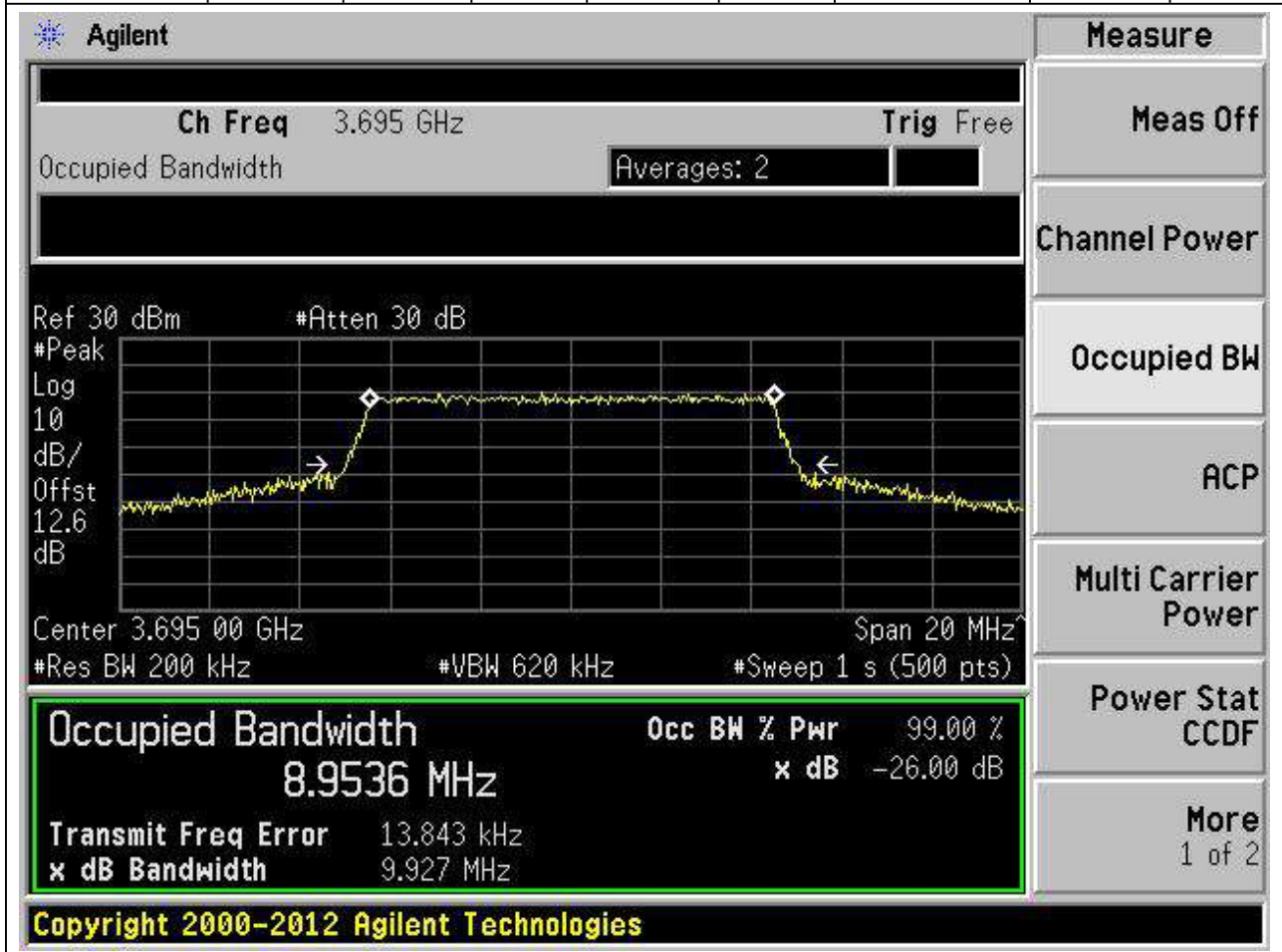
20.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3695	99	26	0.2	Peak	8.933	9.995	10	Pass



20.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:56690, 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
3695	99	26	0.2	Peak	8.954	9.927	10	Pass



20.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:55315, 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
3557.5	99	26	0.3	Peak	13.482	14.583	15	Pass

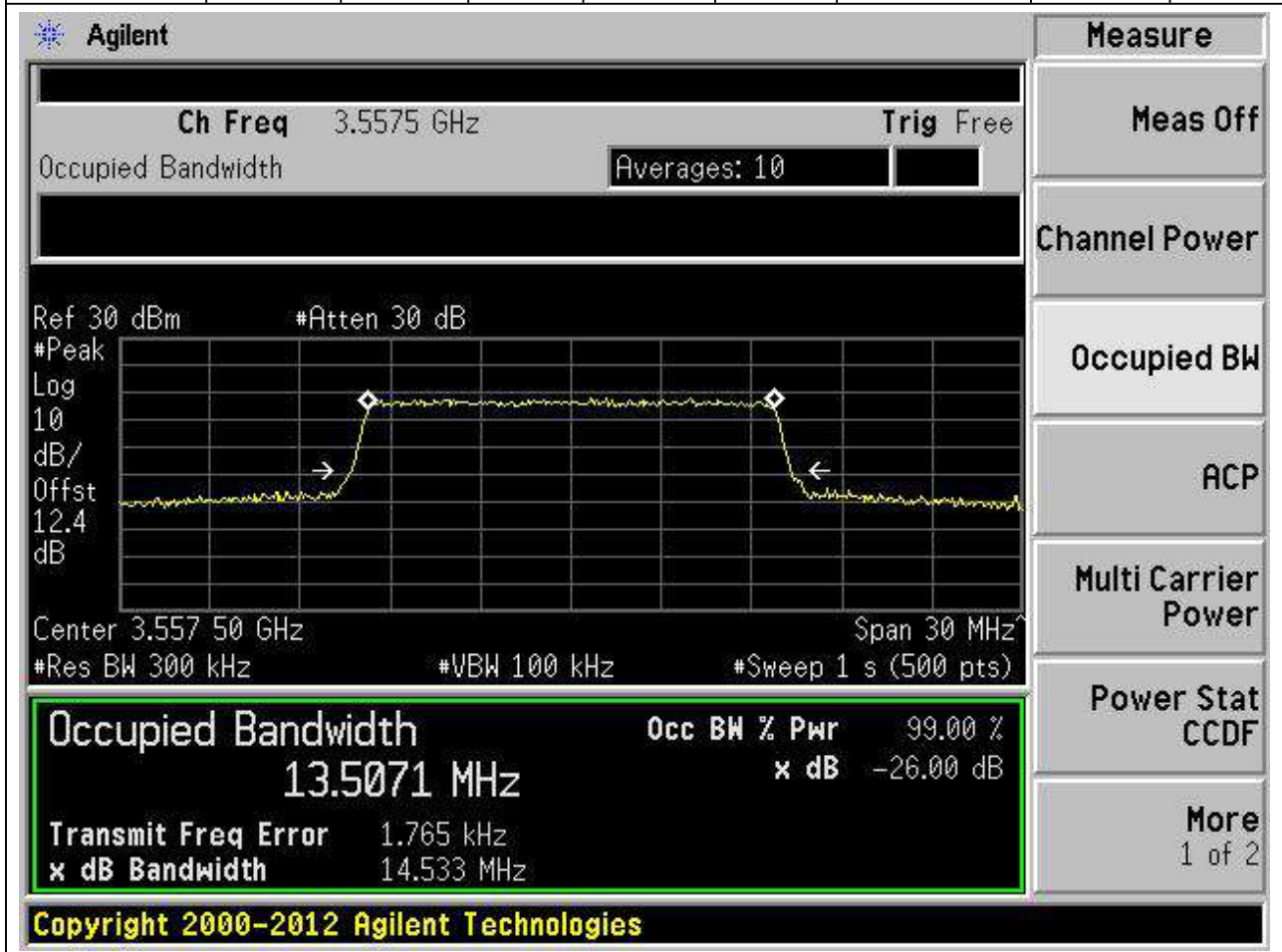
The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 3.5575 GHz' and 'Trig Free'. Below this, the 'Occupied Bandwidth' measurement is shown with 'Averages: 2'. The main display area shows a spectrum plot with a yellow trace. The plot has a grid and is labeled with 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log', '10 dB/Offst', and '12.4 dB'. The plot shows a signal with a flat top and sloped sides, with two white diamonds marking the edges of the occupied bandwidth. Below the plot, the following parameters are listed: 'Center 3.557 50 GHz', 'Span 30 MHz', '#Res BW 300 kHz', '#VBW 100 kHz', and '#Sweep 1 s (500 pts)'. A summary box at the bottom left contains the following data:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4819 MHz	x dB	-26.00 dB
Transmit Freq Error		17.541 kHz
x dB Bandwidth		14.583 MHz

On the right side of the interface, there is a 'Measure' menu with several options: 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. At the bottom of the screen, the text 'Copyright 2000-2012 Agilent Technologies' is visible.

20.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:55315, 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
3557.5	99	26	0.3	Peak	13.507	14.533	15	Pass



20.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:55990, 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
3625	99	26	0.3	Peak	13.469	14.567	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 3.625 GHz' and 'Trig Free'. Below this, the 'Occupied Bandwidth' measurement is highlighted with a green border. The main display area shows a spectrum plot with a yellow trace, a reference level at 30 dBm, and an attenuation of 30 dB. The plot shows a signal with a flat top and sloping sides, with two diamond markers indicating the measurement points. Below the plot, the following parameters are listed: Center 3.625 00 GHz, Span 30 MHz, Res BW 300 kHz, VBW 100 kHz, and Sweep 1 s (500 pts). The measurement results are summarized in a table at the bottom of the plot area:

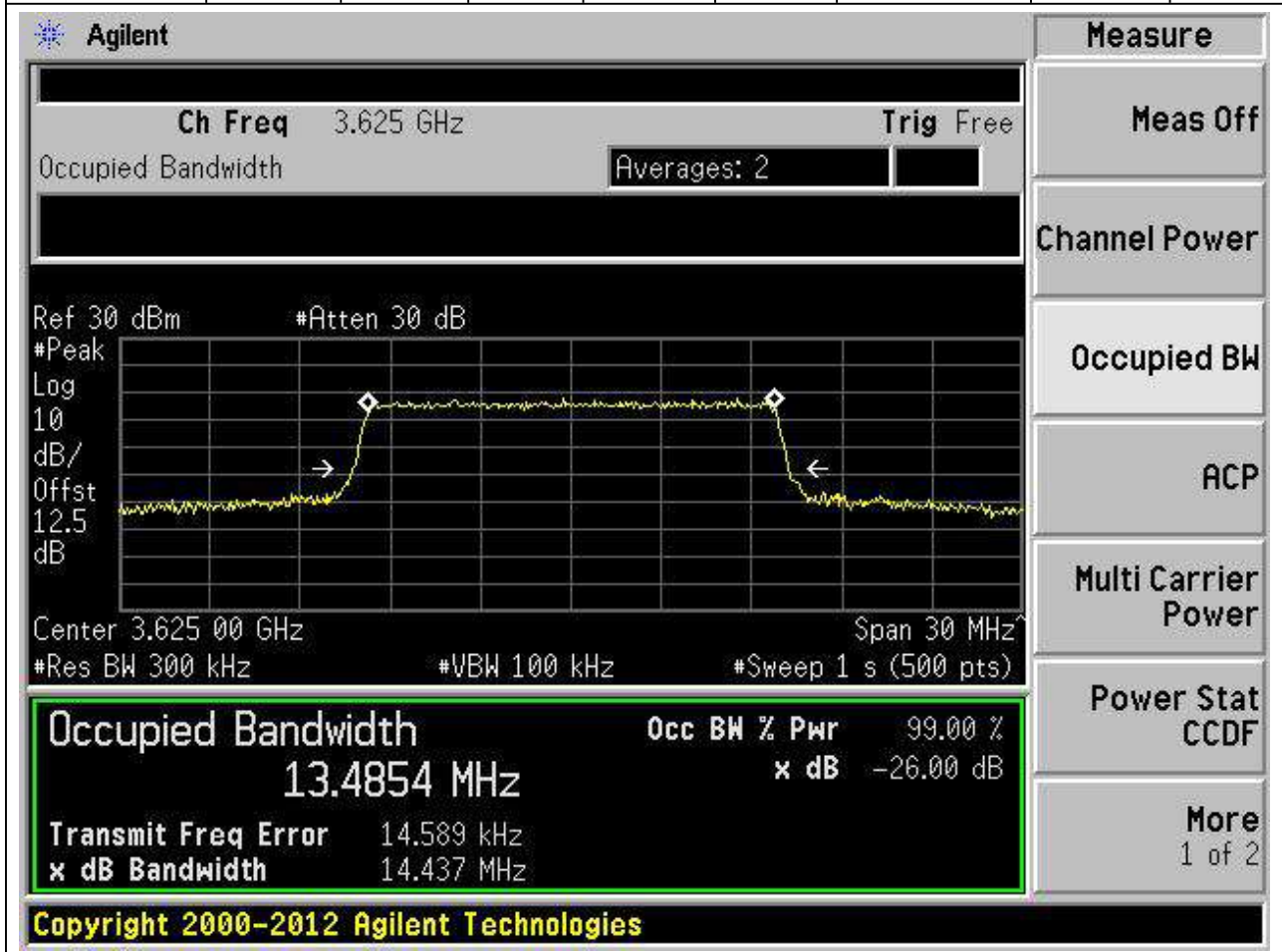
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4687 MHz	x dB	-26.00 dB
Transmit Freq Error		5.584 kHz
x dB Bandwidth		14.567 MHz

On the right side of the interface, there is a 'Measure' menu with several options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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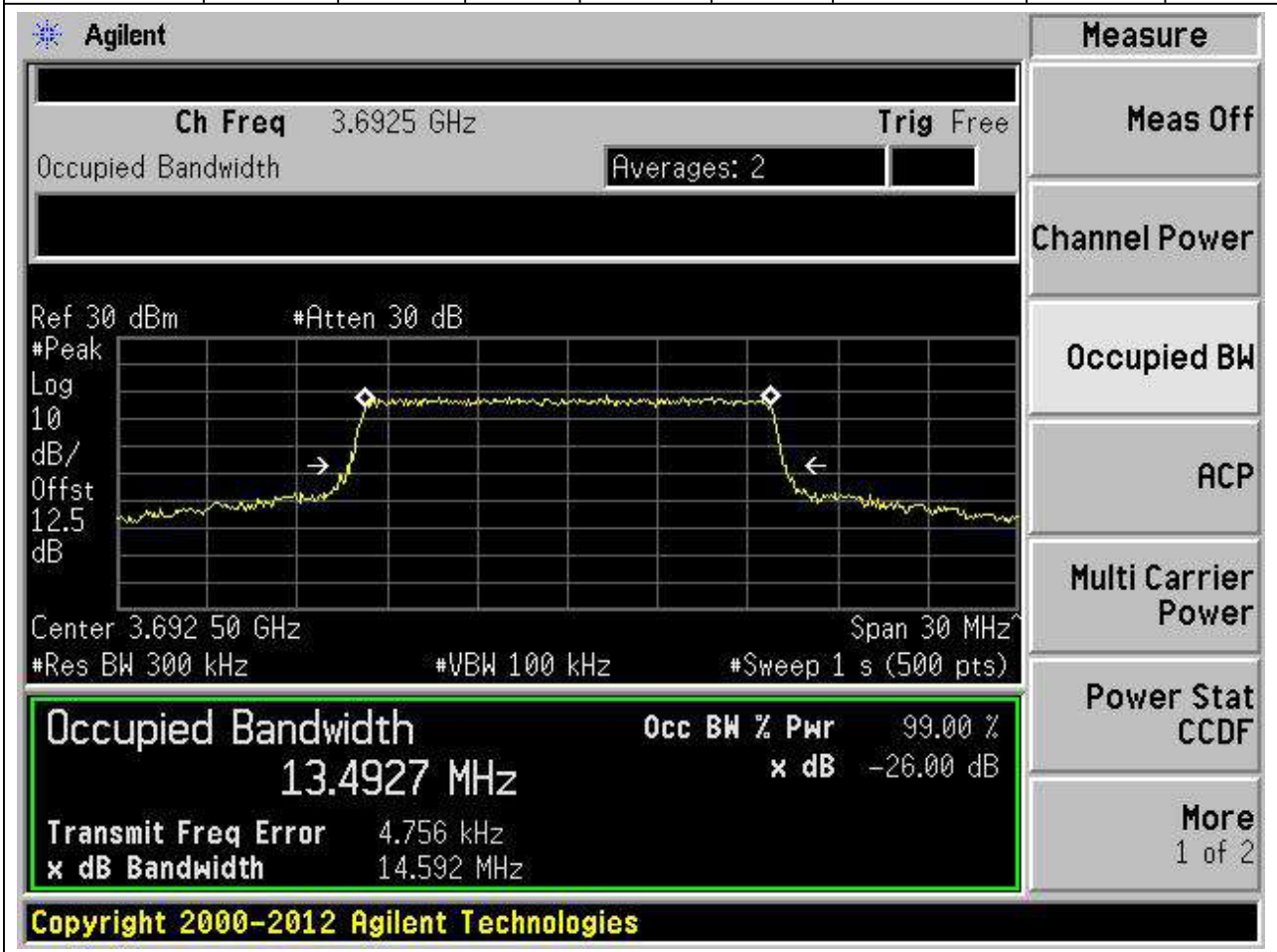
20.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:55990, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.3	Peak	13.485	14.437	15	Pass



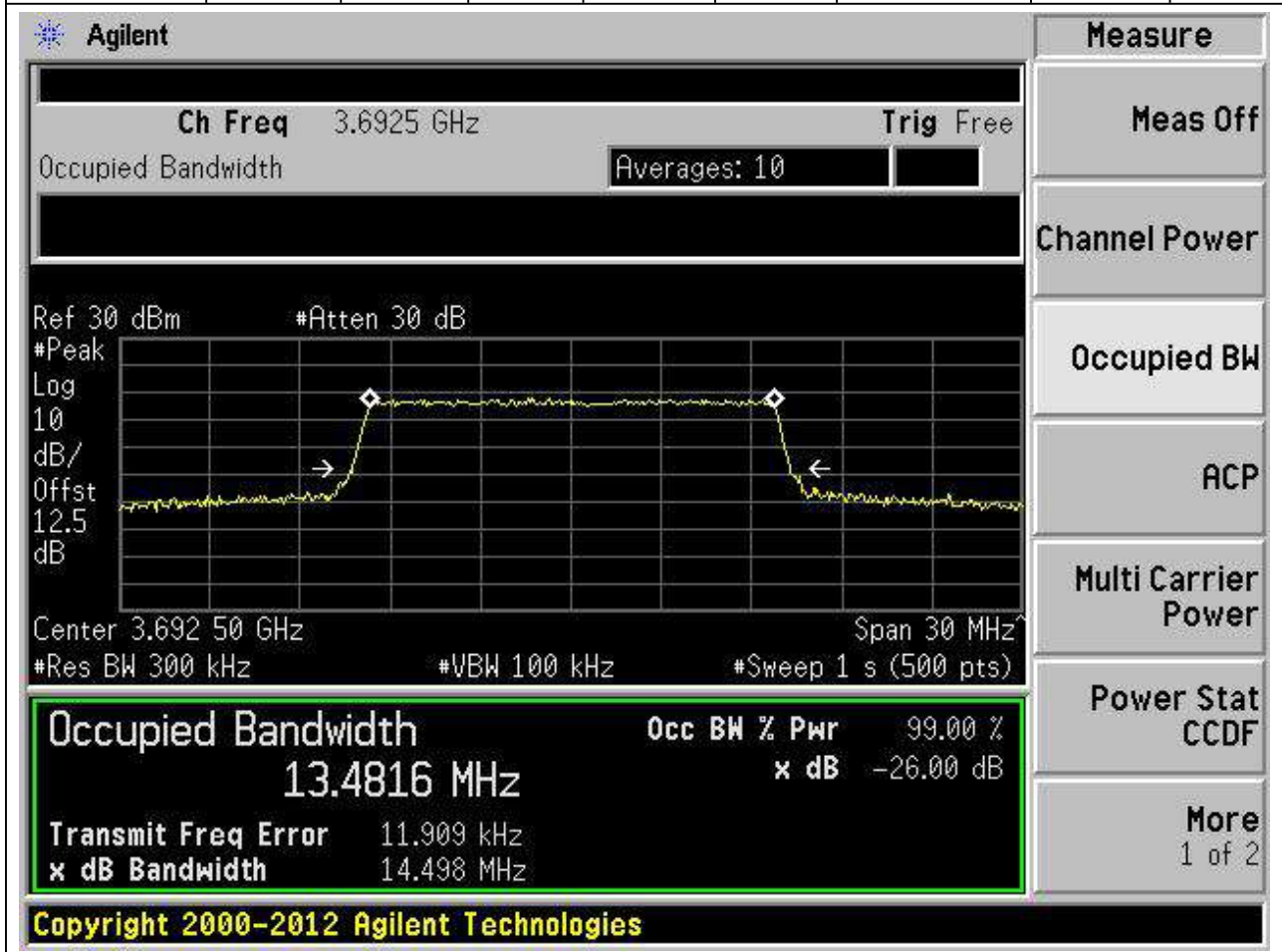
20.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:56665, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.5	99	26	0.3	Peak	13.493	14.592	15	Pass



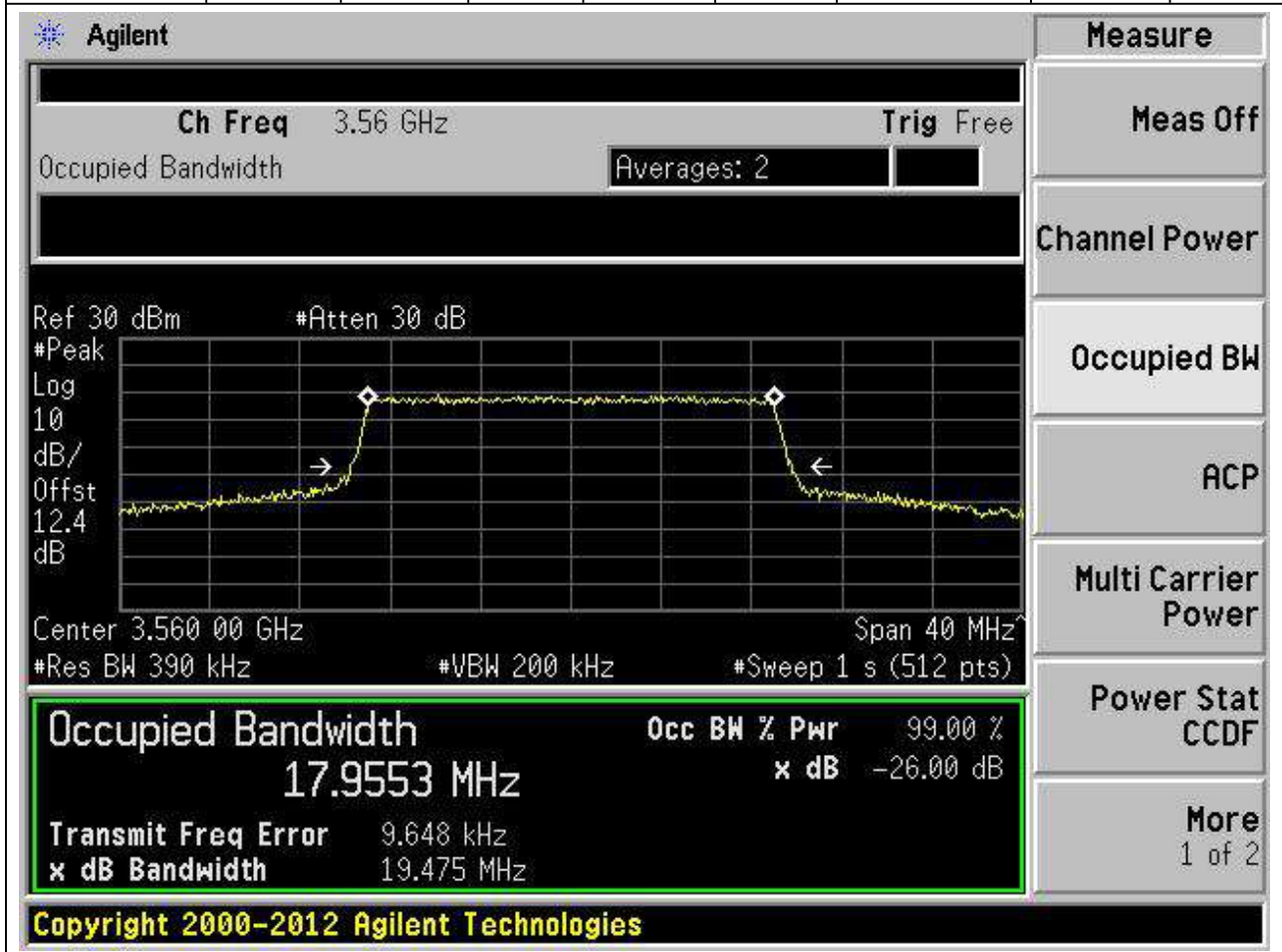
20.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:56665, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.5	99	26	0.3	Peak	13.482	14.498	15	Pass



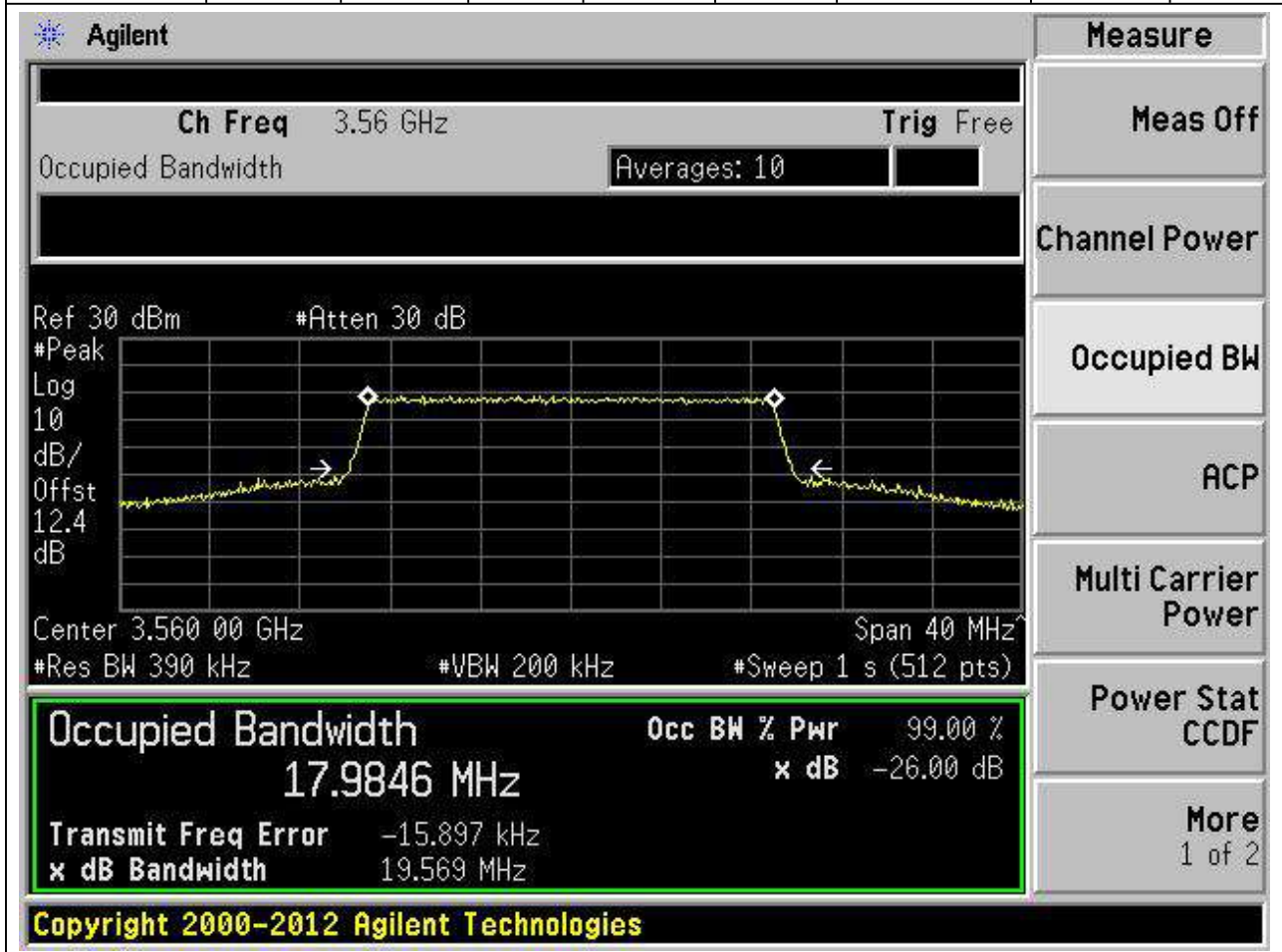
20.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560	99	26	0.39	Peak	17.955	19.475	20	Pass



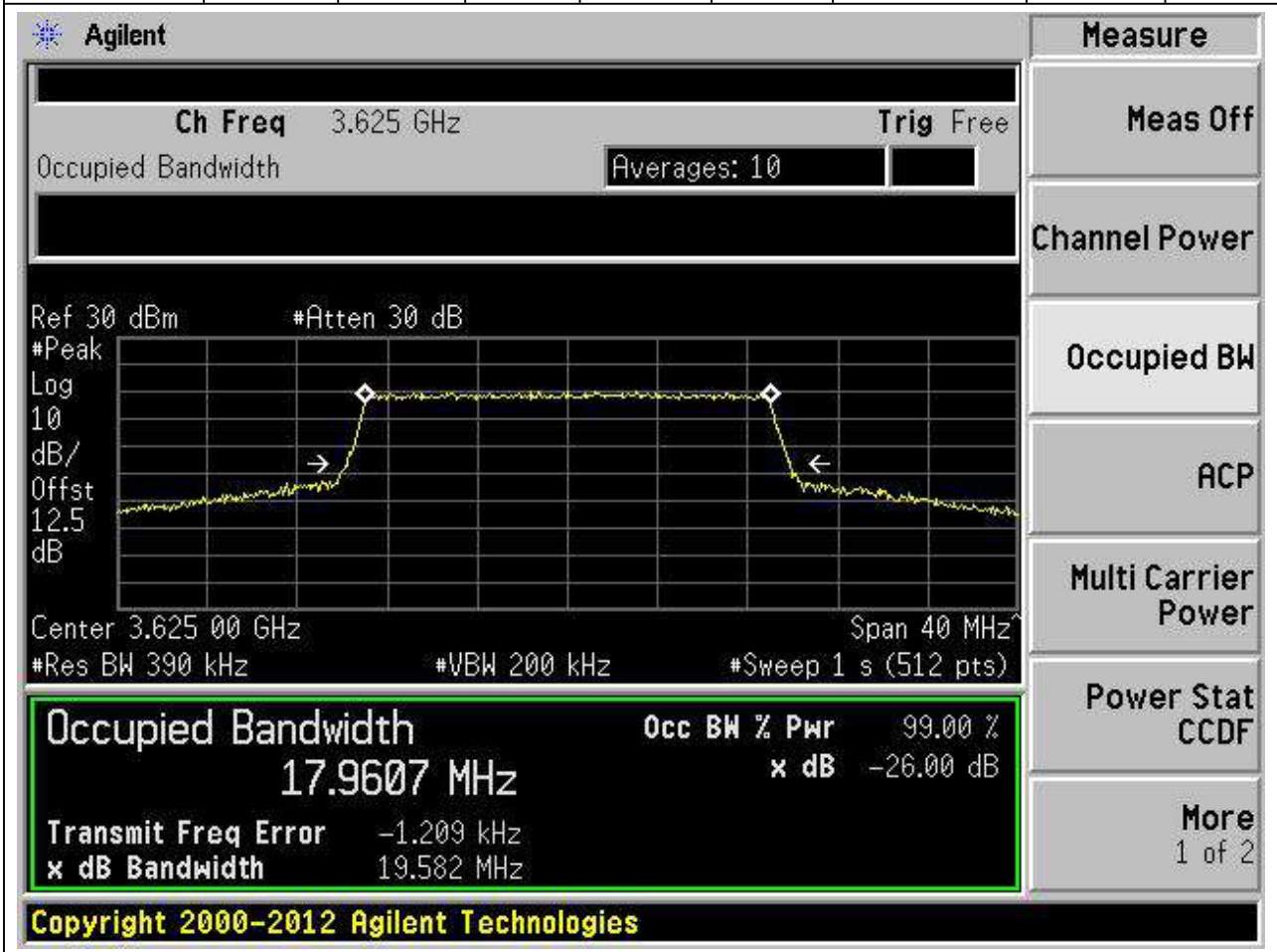
20.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:55340, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560	99	26	0.39	Peak	17.985	19.569	20	Pass



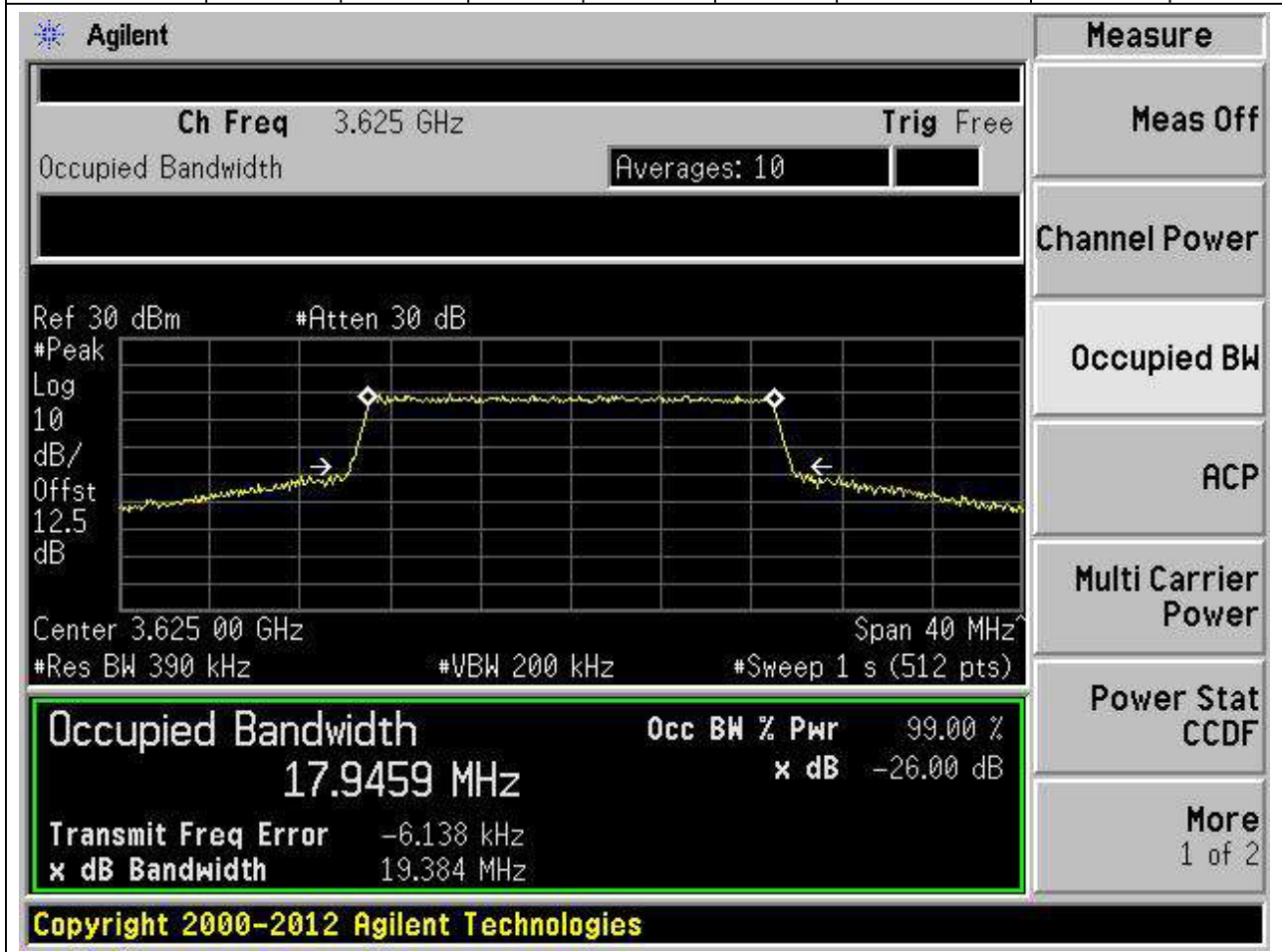
20.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:55990, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.39	Peak	17.961	19.582	20	Pass



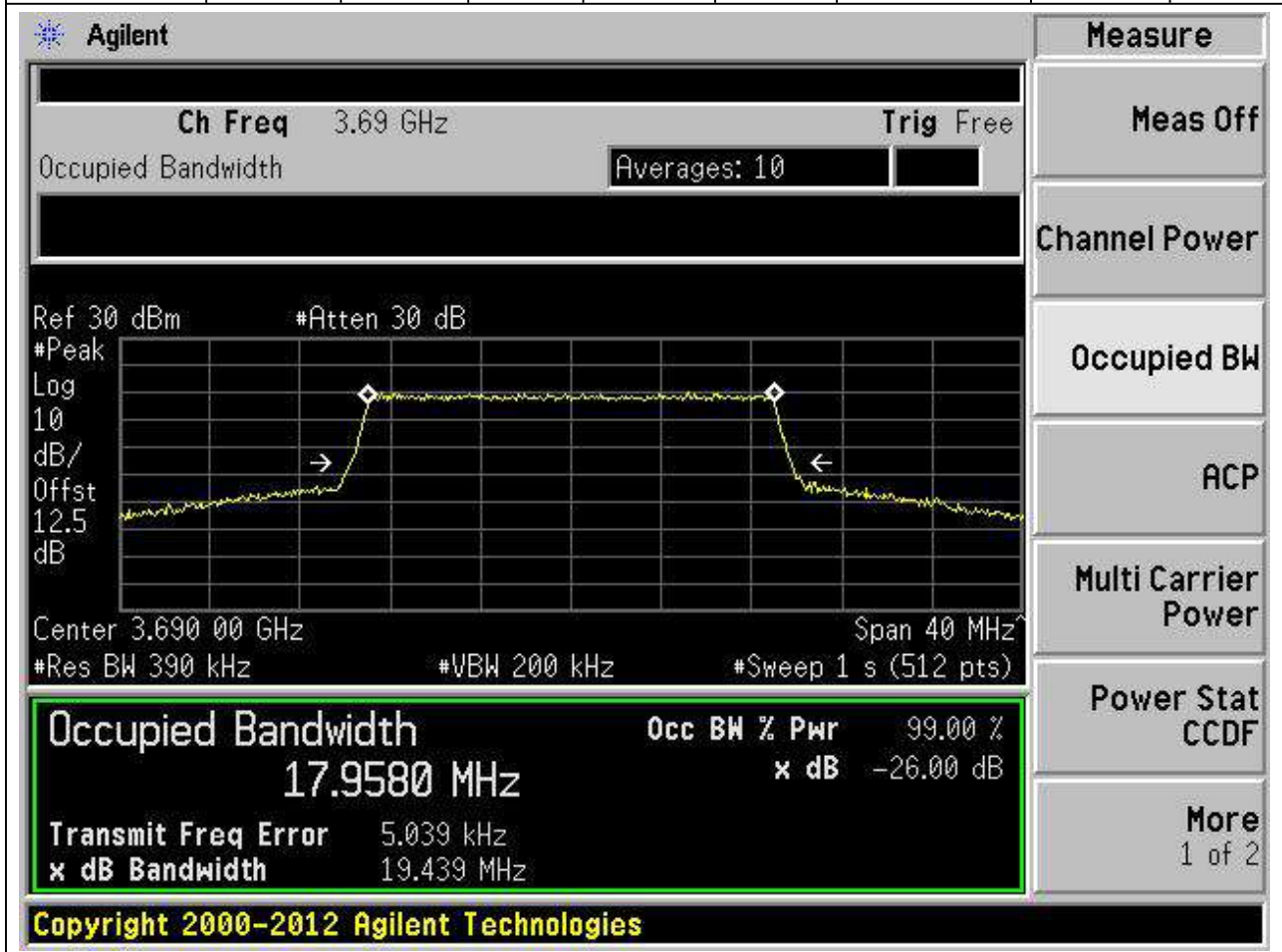
20.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:55990, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.39	Peak	17.946	19.384	20	Pass



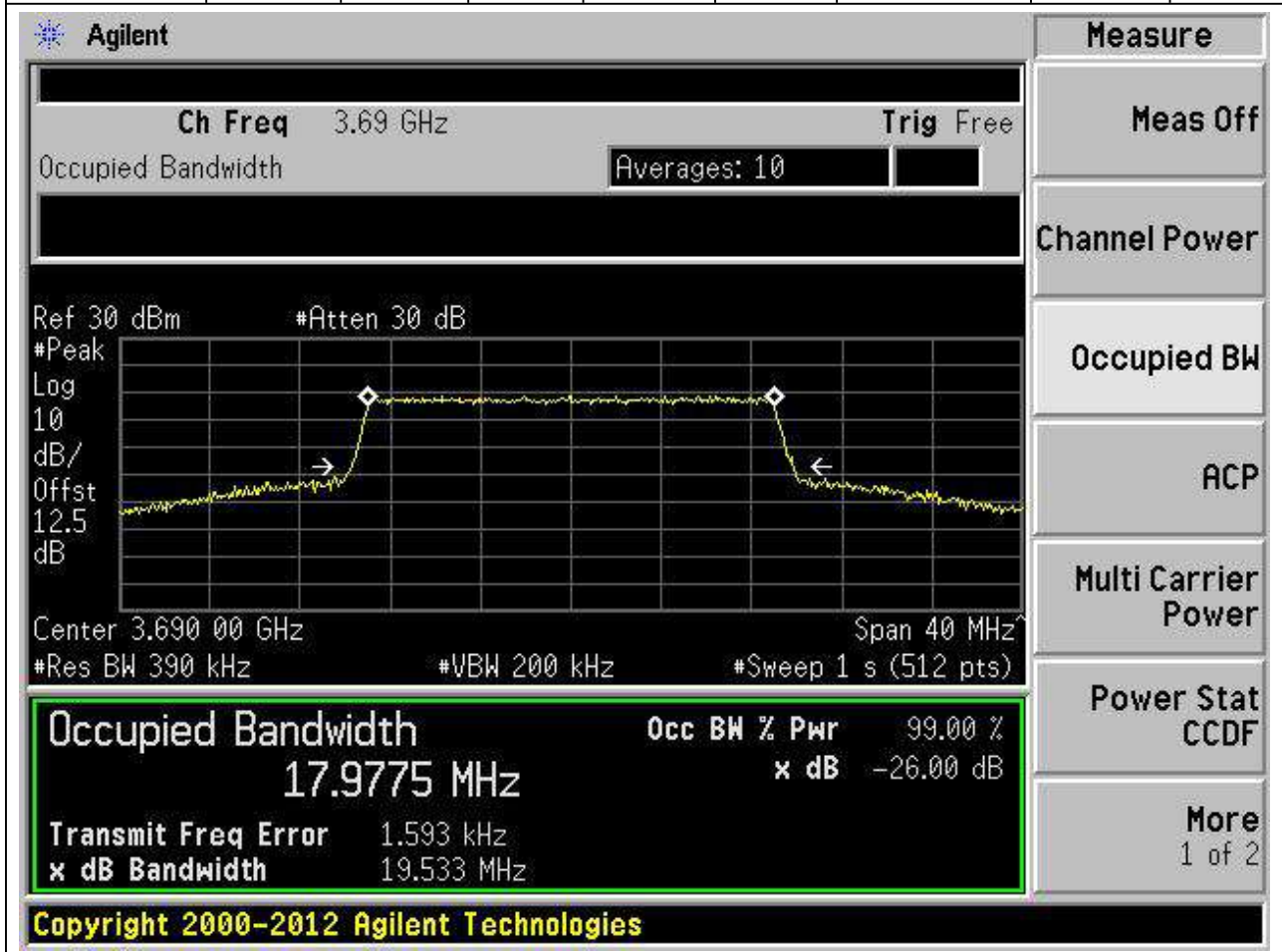
20.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:56640, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.39	Peak	17.958	19.439	20	Pass



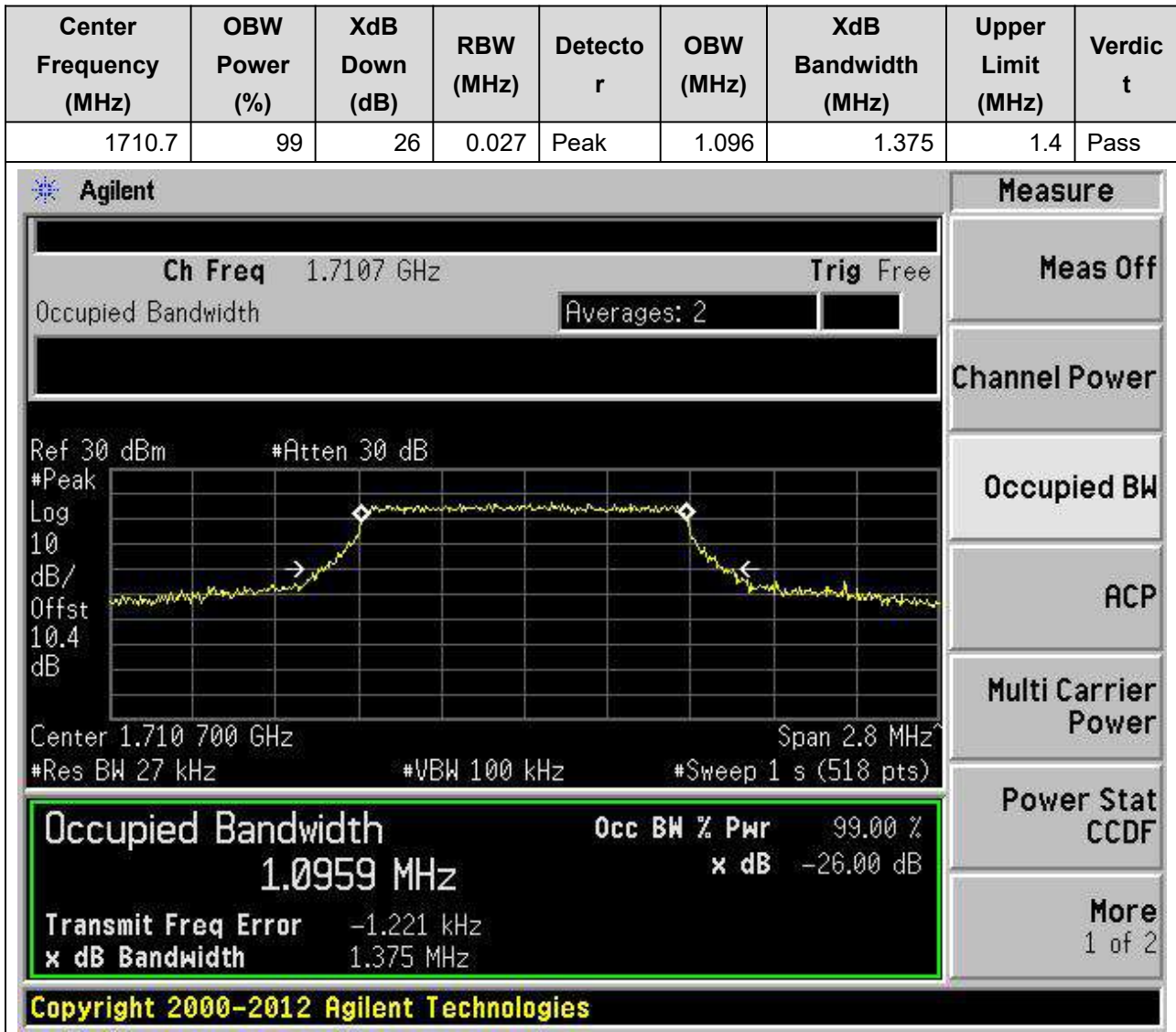
20.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:56640, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.39	Peak	17.977	19.533	20	Pass



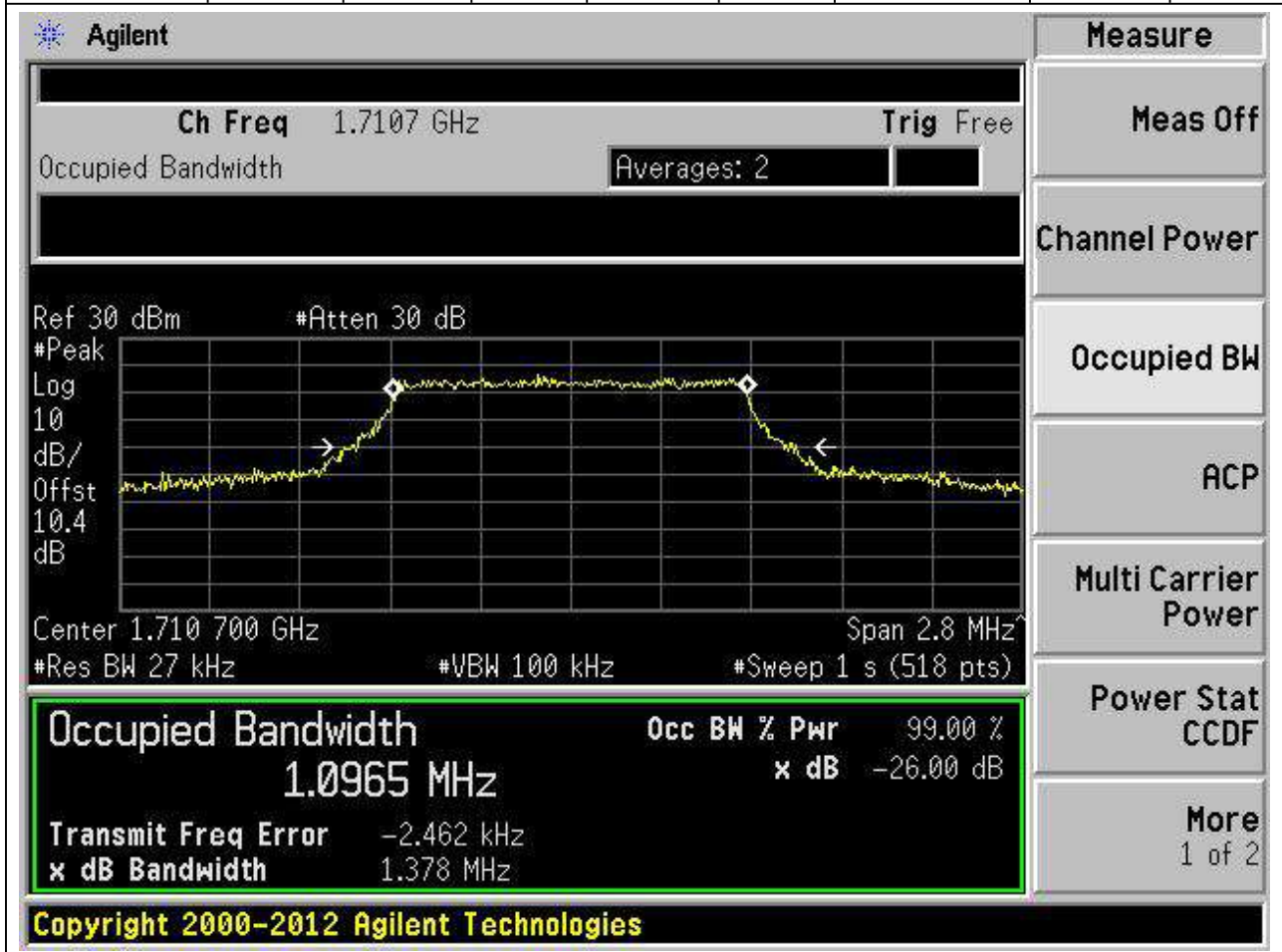
21. LTE_Band66

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



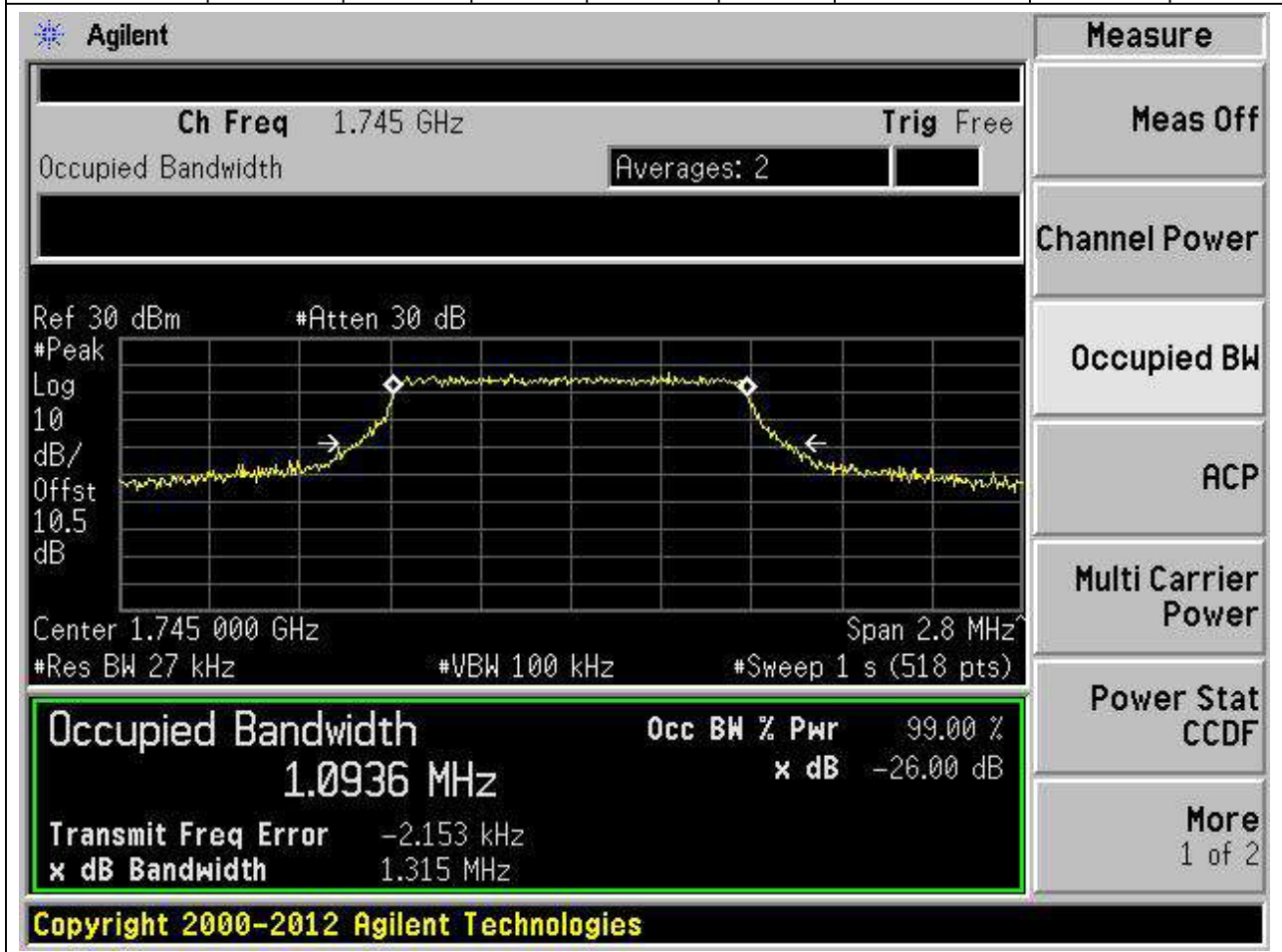
21.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.096	1.378	1.4	Pass



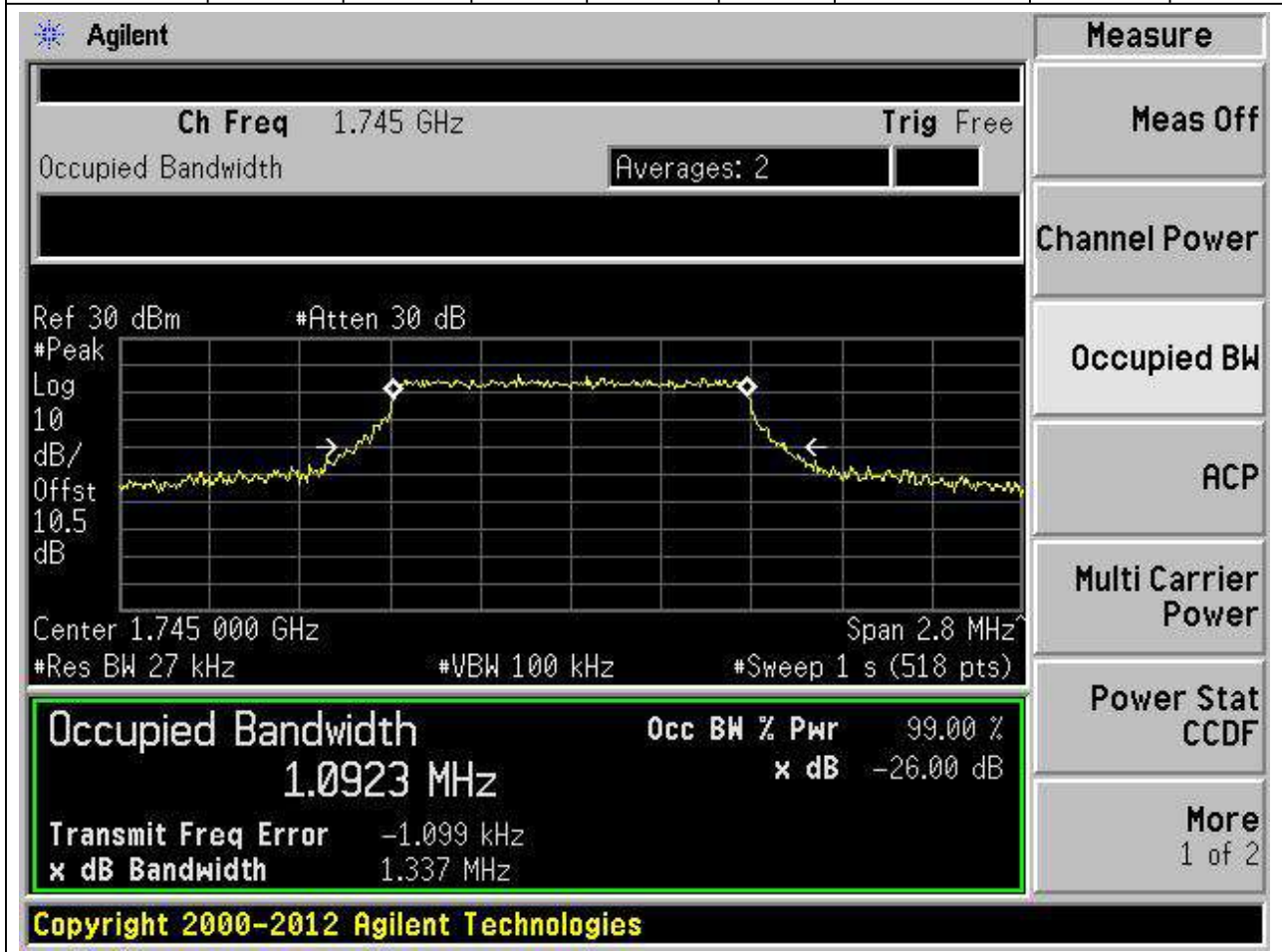
21.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.094	1.315	1.4	Pass



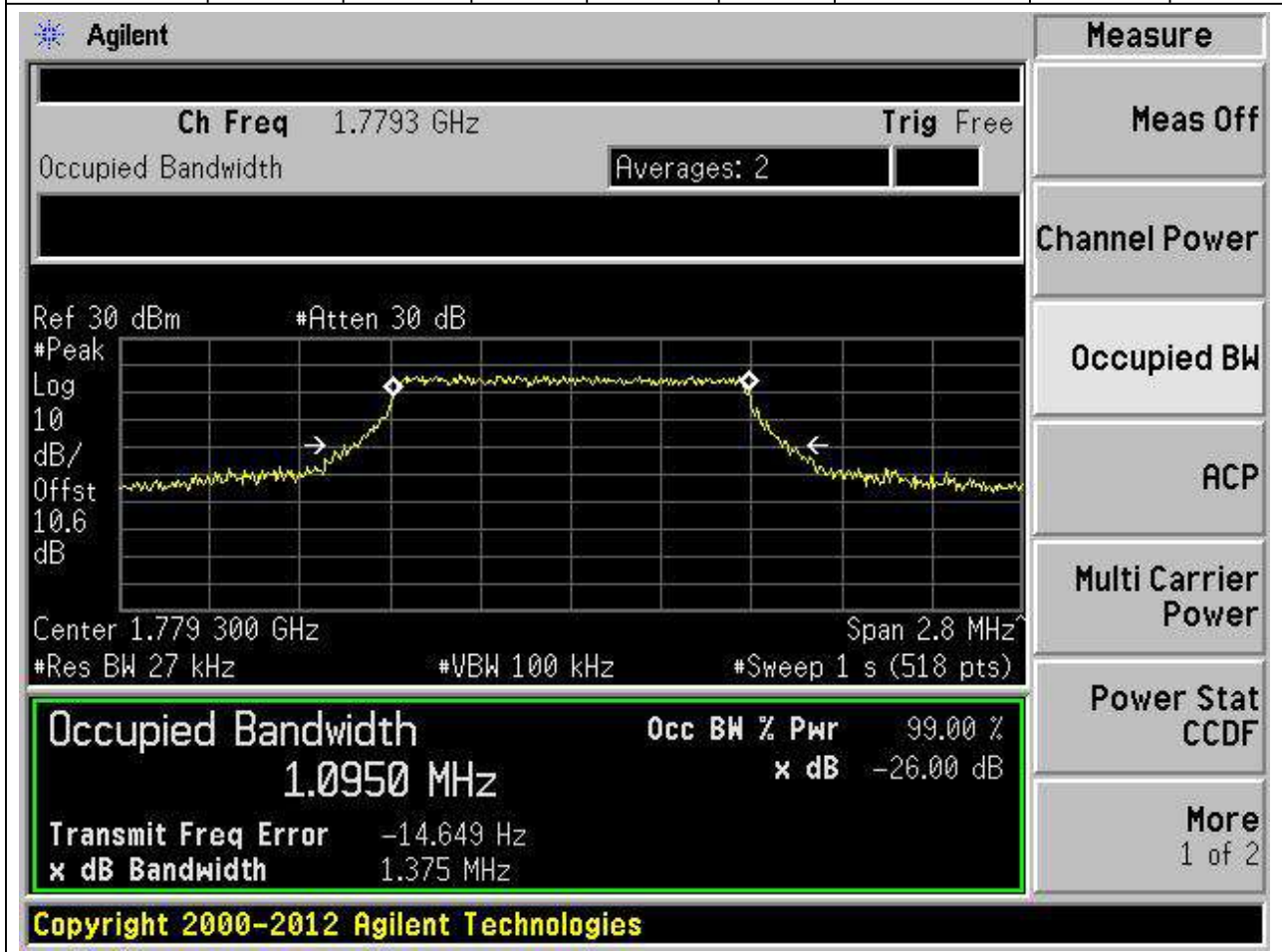
21.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.027	Peak	1.092	1.337	1.4	Pass



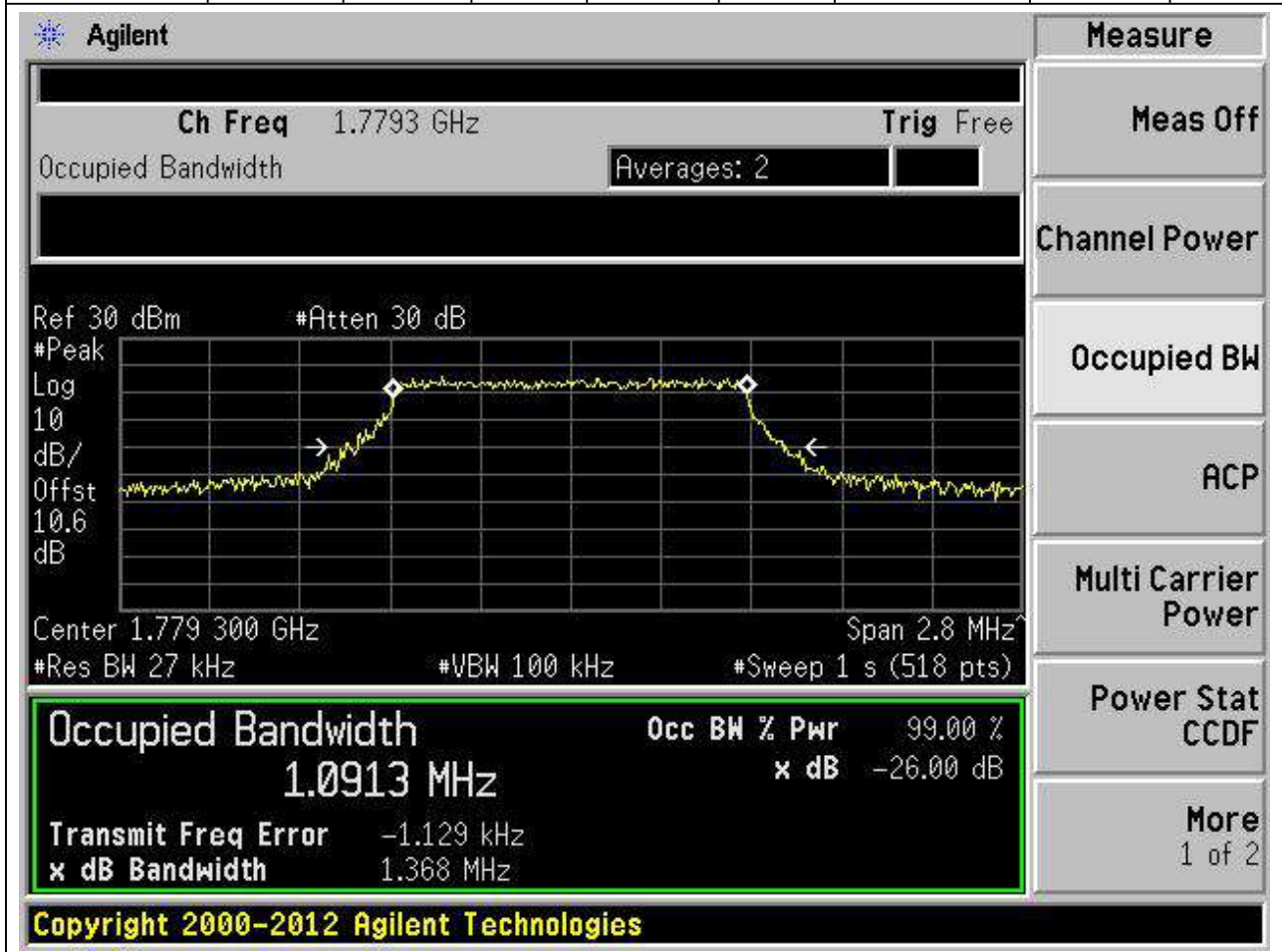
21.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.095	1.375	1.4	Pass



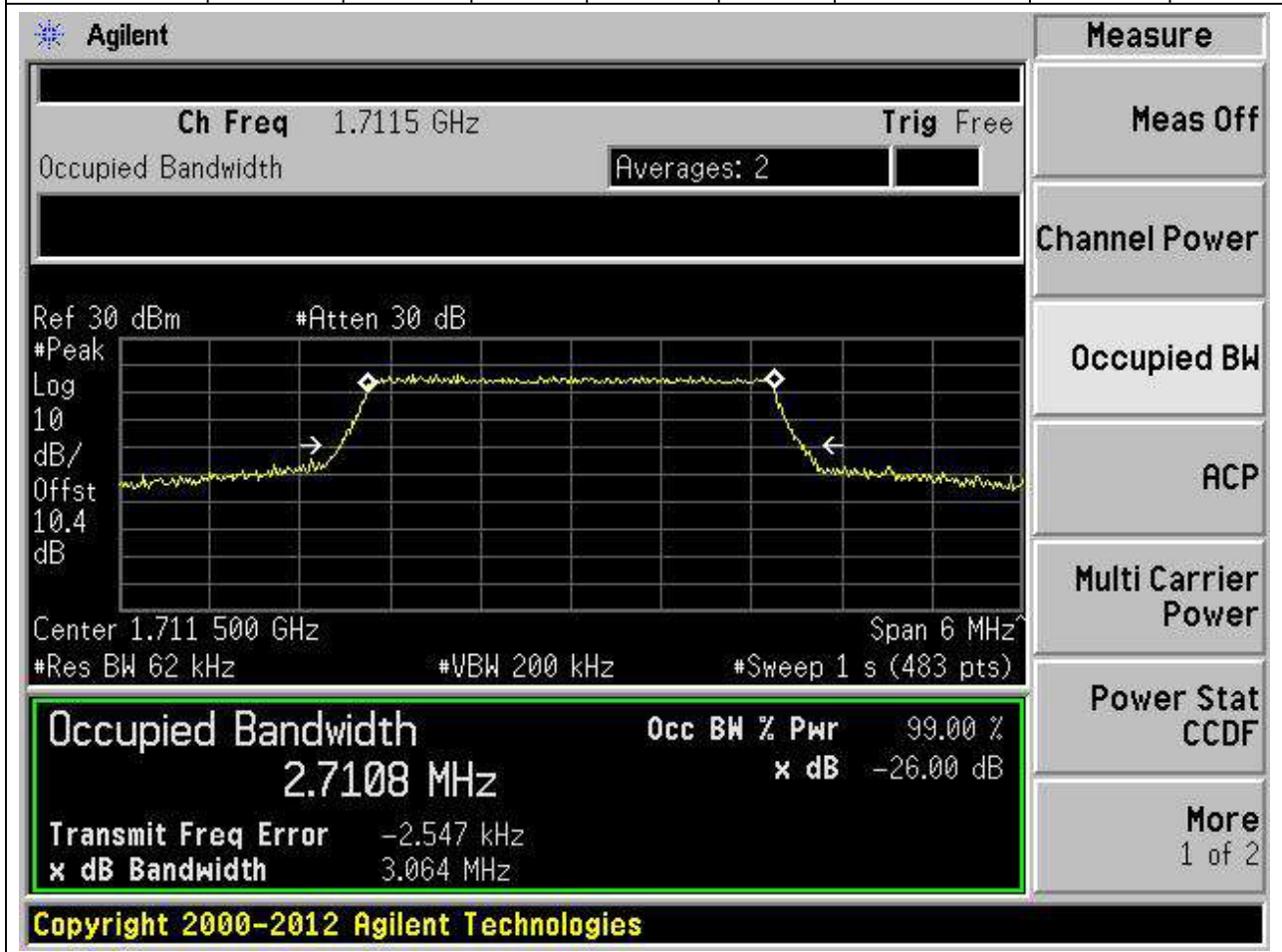
21.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1779.3	99	26	0.027	Peak	1.091	1.368	1.4	Pass



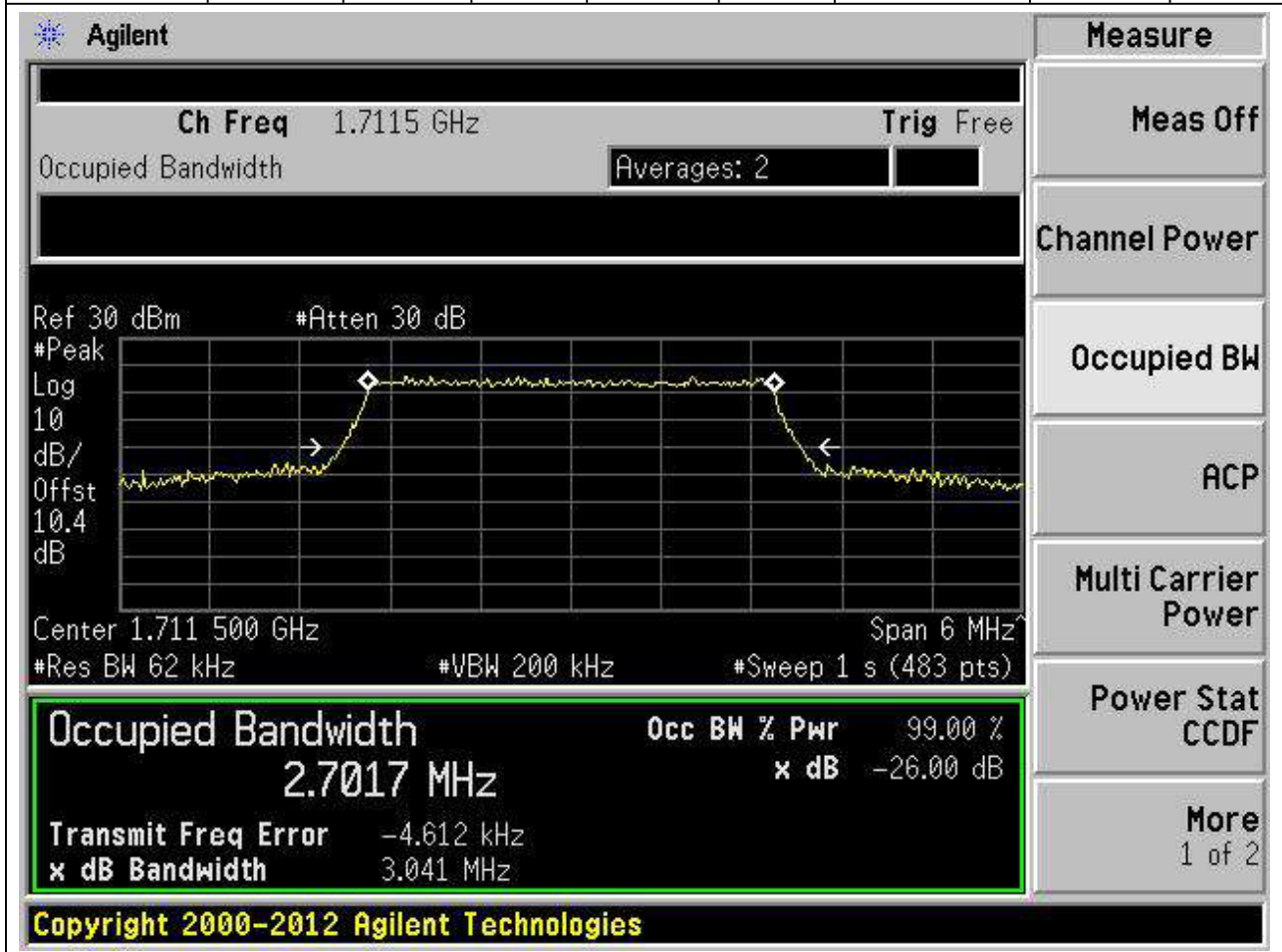
21.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.711	3.064	3	Pass



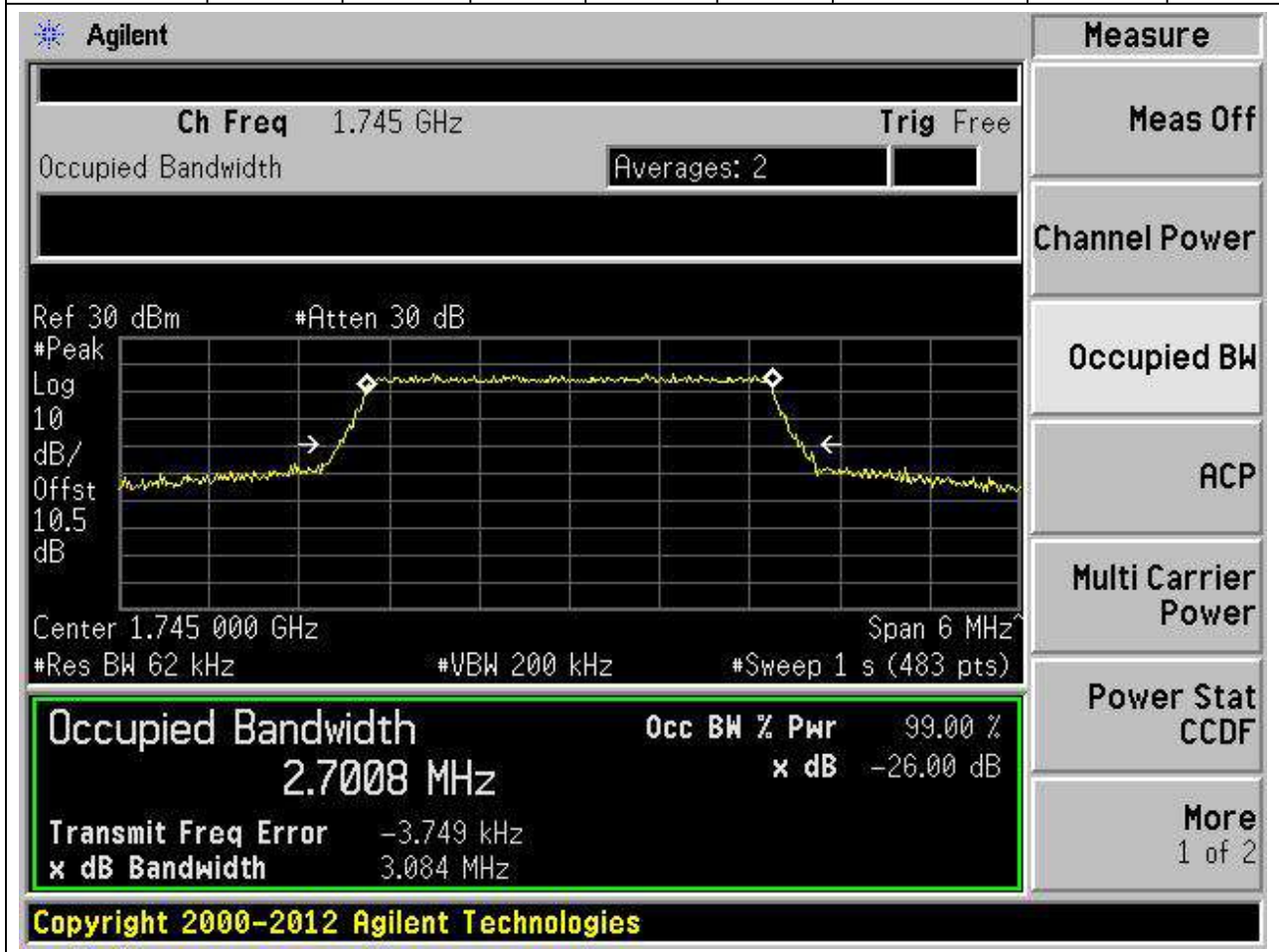
21.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.702	3.041	3	Pass



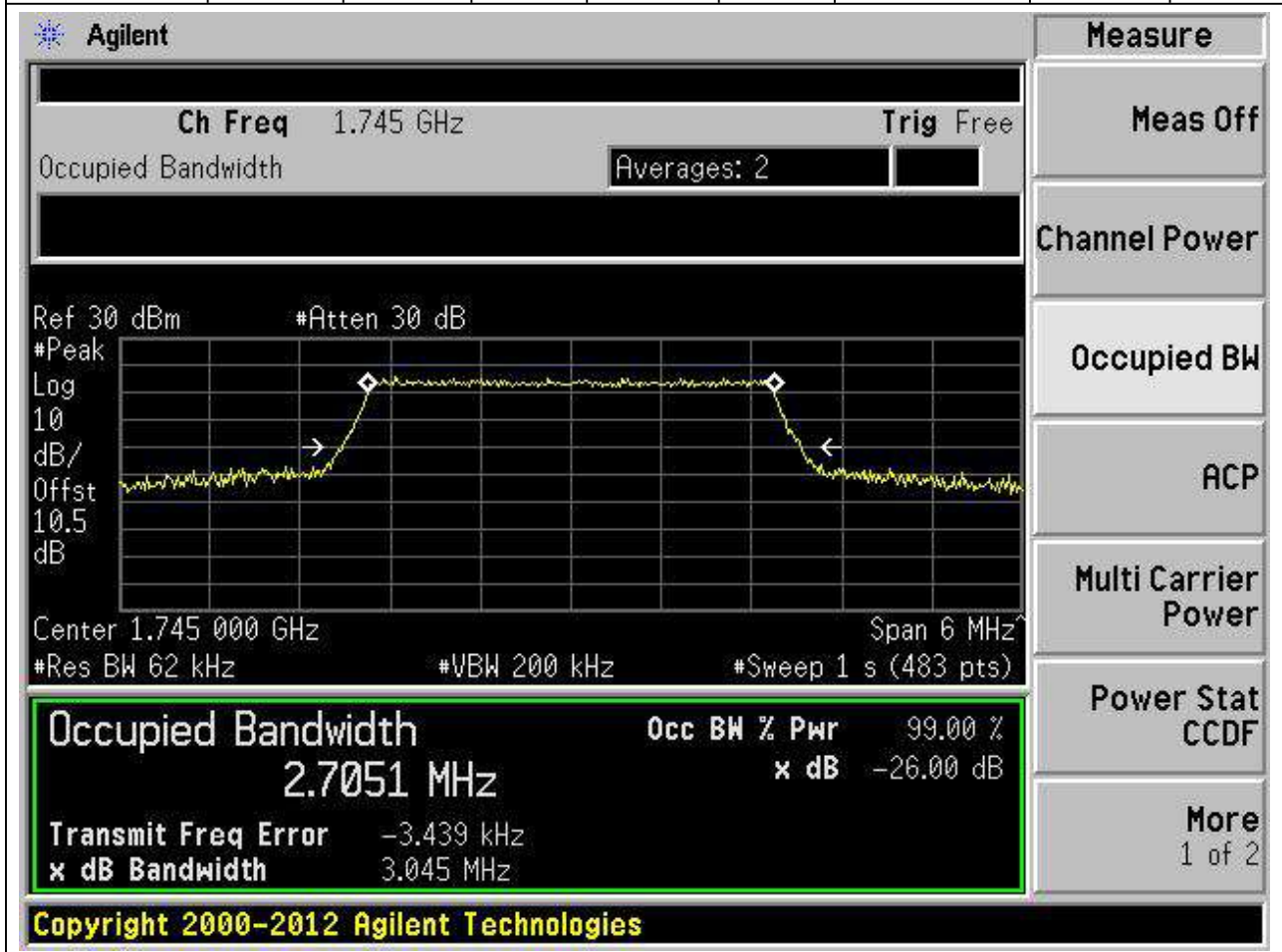
21.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.701	3.084	3	Pass



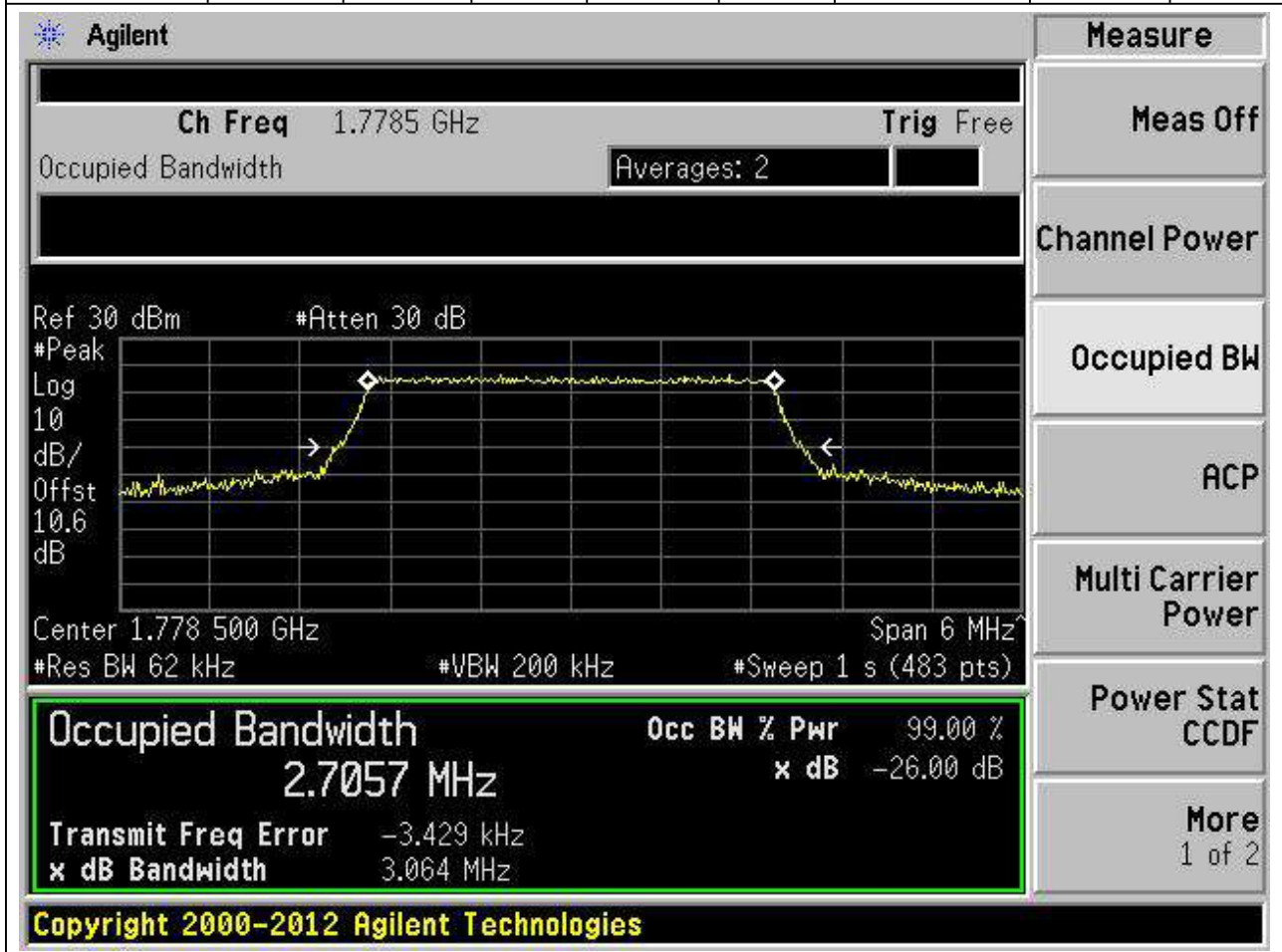
21.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.062	Peak	2.705	3.045	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1778.5	99	26	0.062	Peak	2.706	3.064	3	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1778.5	99	26	0.062	Peak	2.706	3.061	3	Pass

Agilent
Measure

Ch Freq 1.7785 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

Center 1.778 500 GHz **Span** 6 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

2.7064 MHz

Transmit Freq Error -1.510 kHz

x dB Bandwidth 3.061 MHz

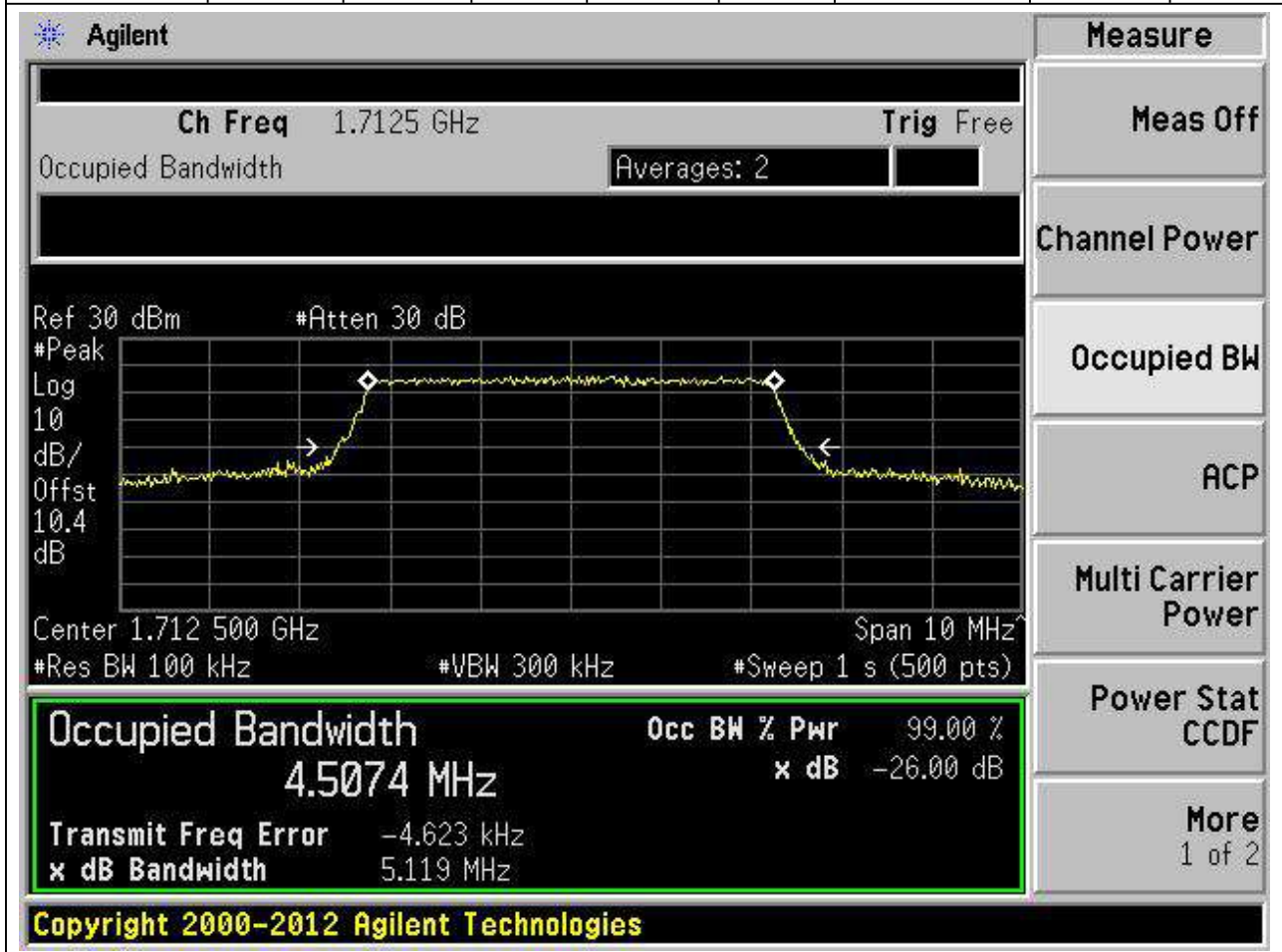
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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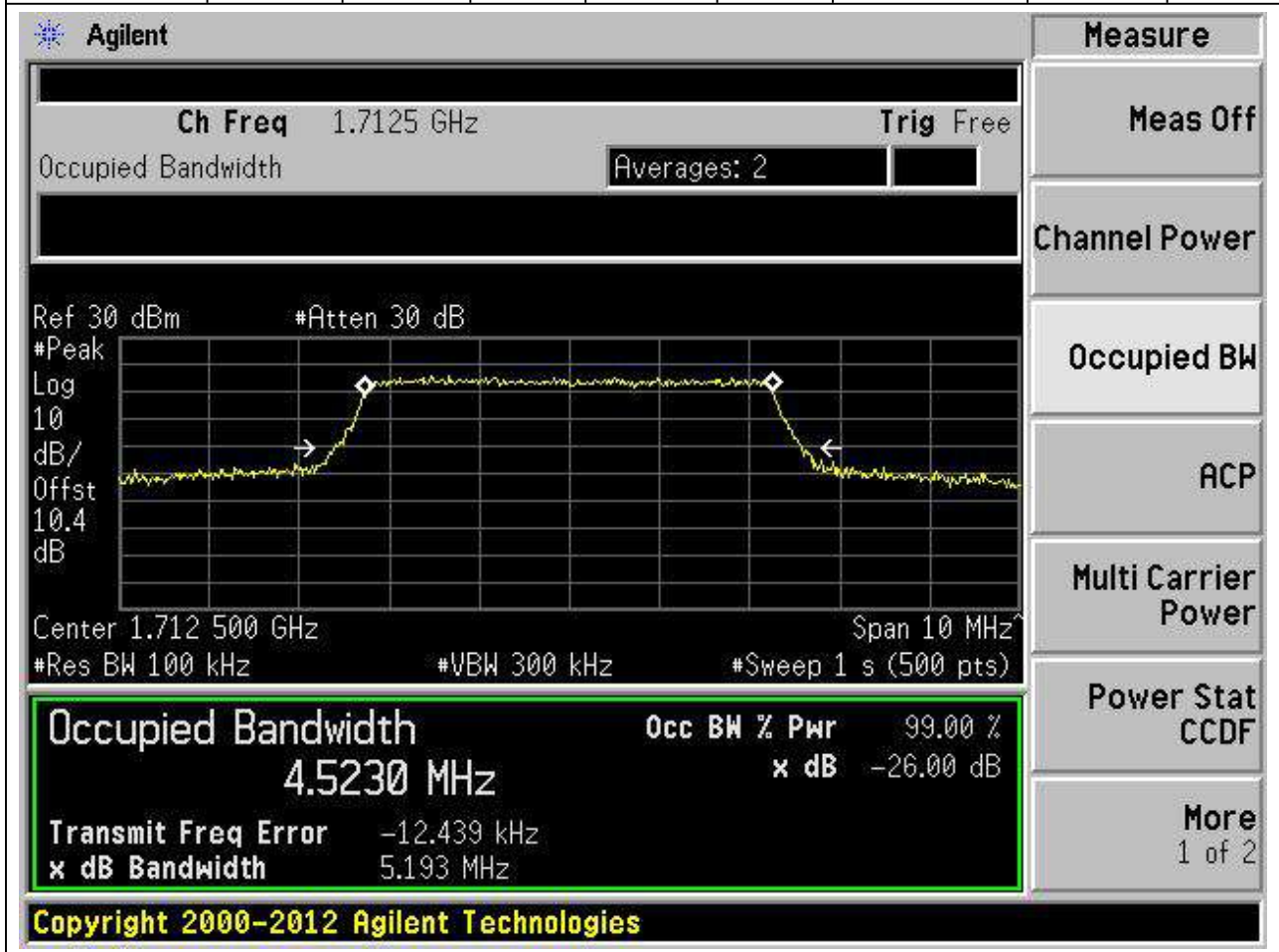
21.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.507	5.119	5	Pass



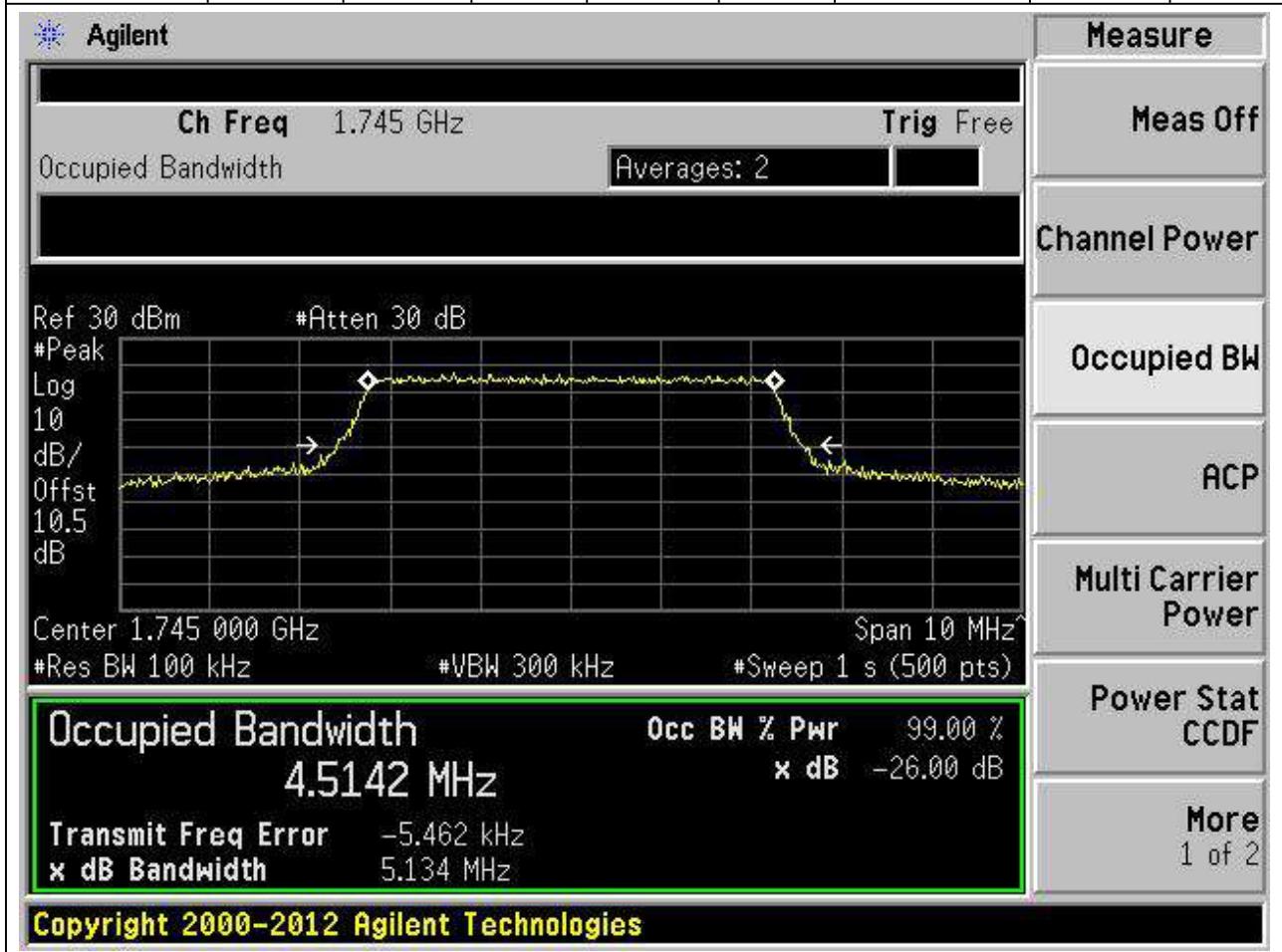
21.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.523	5.193	5	Pass



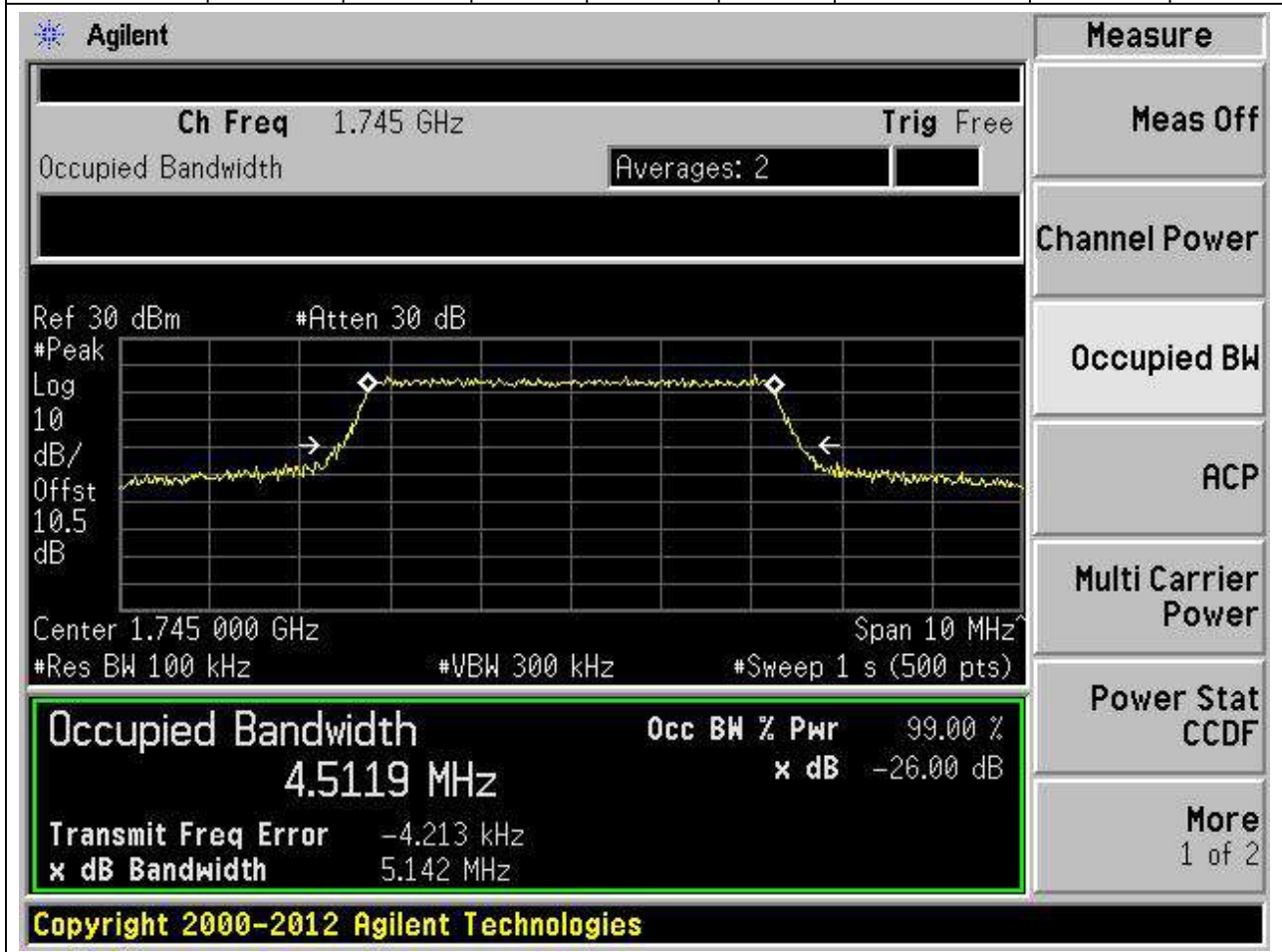
21.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.514	5.134	5	Pass



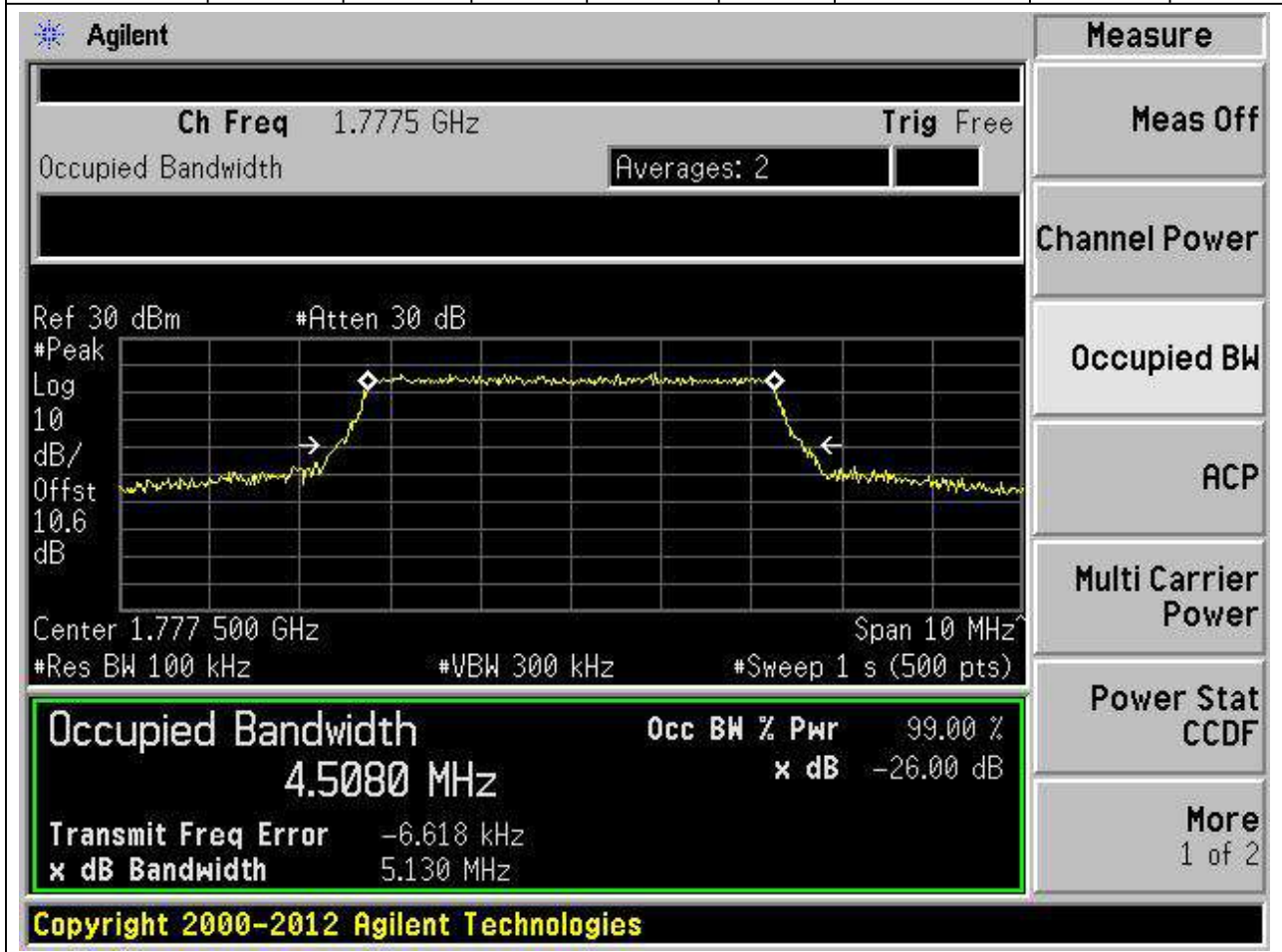
21.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.512	5.142	5	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.508	5.13	5	Pass



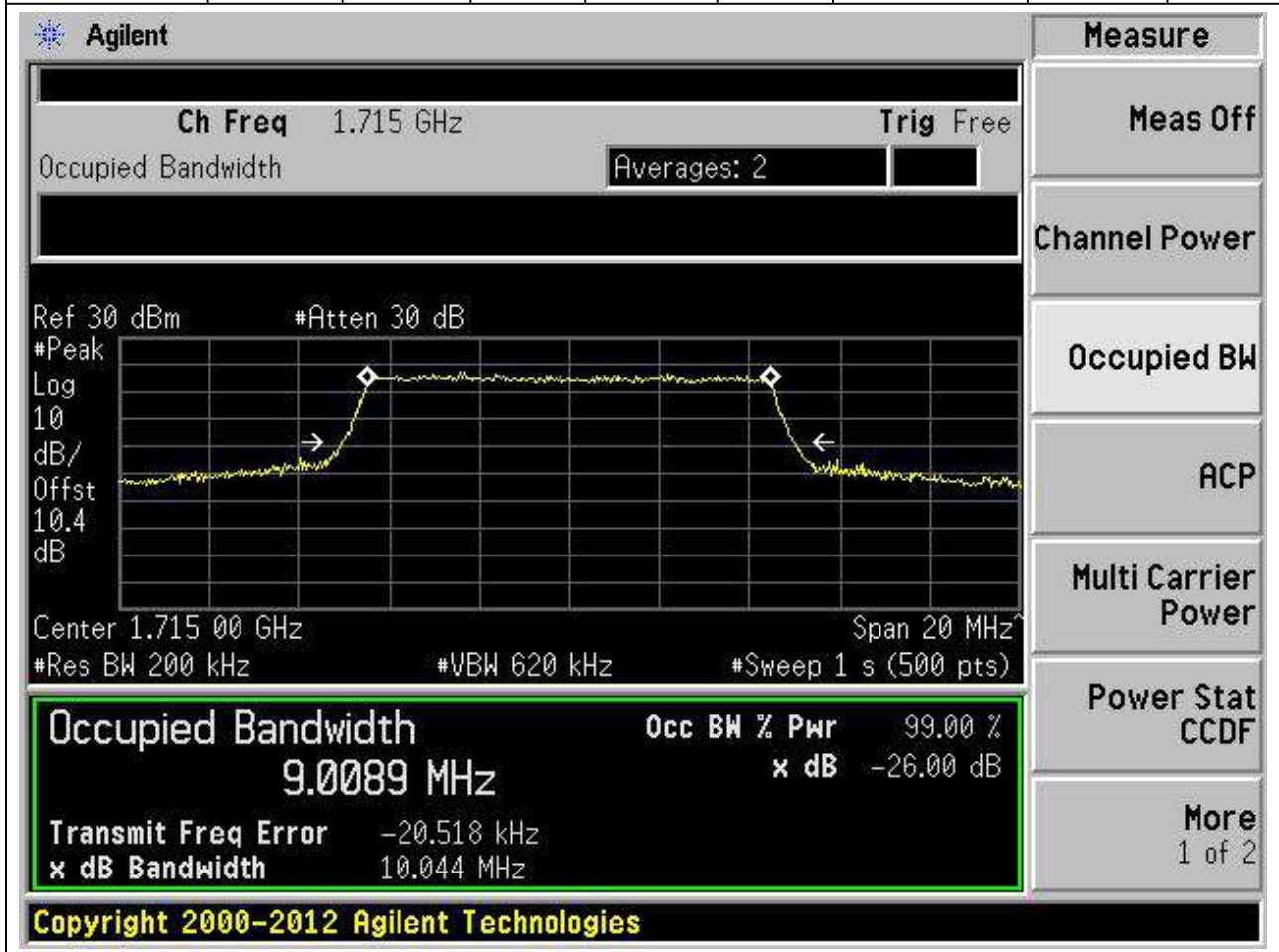
21.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.519	5.152	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.7775 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale, 'dB/Offst' mode, with a reference level of 30 dBm and an attenuation of 30 dB. The center frequency is 1.777500 GHz, and the span is 10 MHz. The resolution bandwidth (RBW) is 100 kHz, the video bandwidth (VBW) is 300 kHz, and the sweep time is 1 s (500 pts). The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 4.5191 MHz. The 'Occ BW % Pwr' is 99.00%, and the 'x dB' is -26.00 dB. Other parameters shown include 'Transmit Freq Error' of -3.254 kHz and 'x dB Bandwidth' of 5.152 MHz. On the right side, there is a 'Measure' menu with options: 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

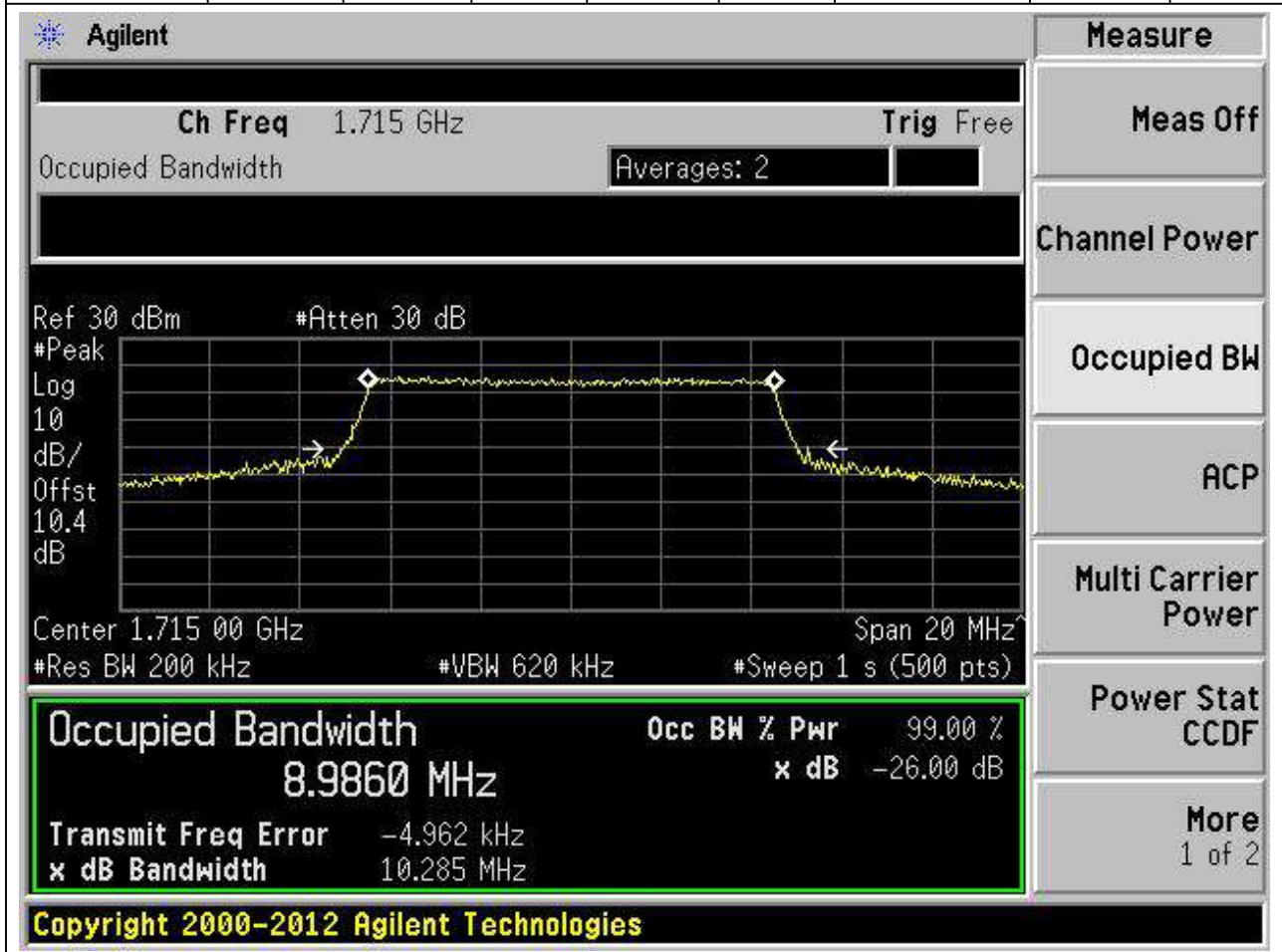
21.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	9.009	10.044	10	Pass



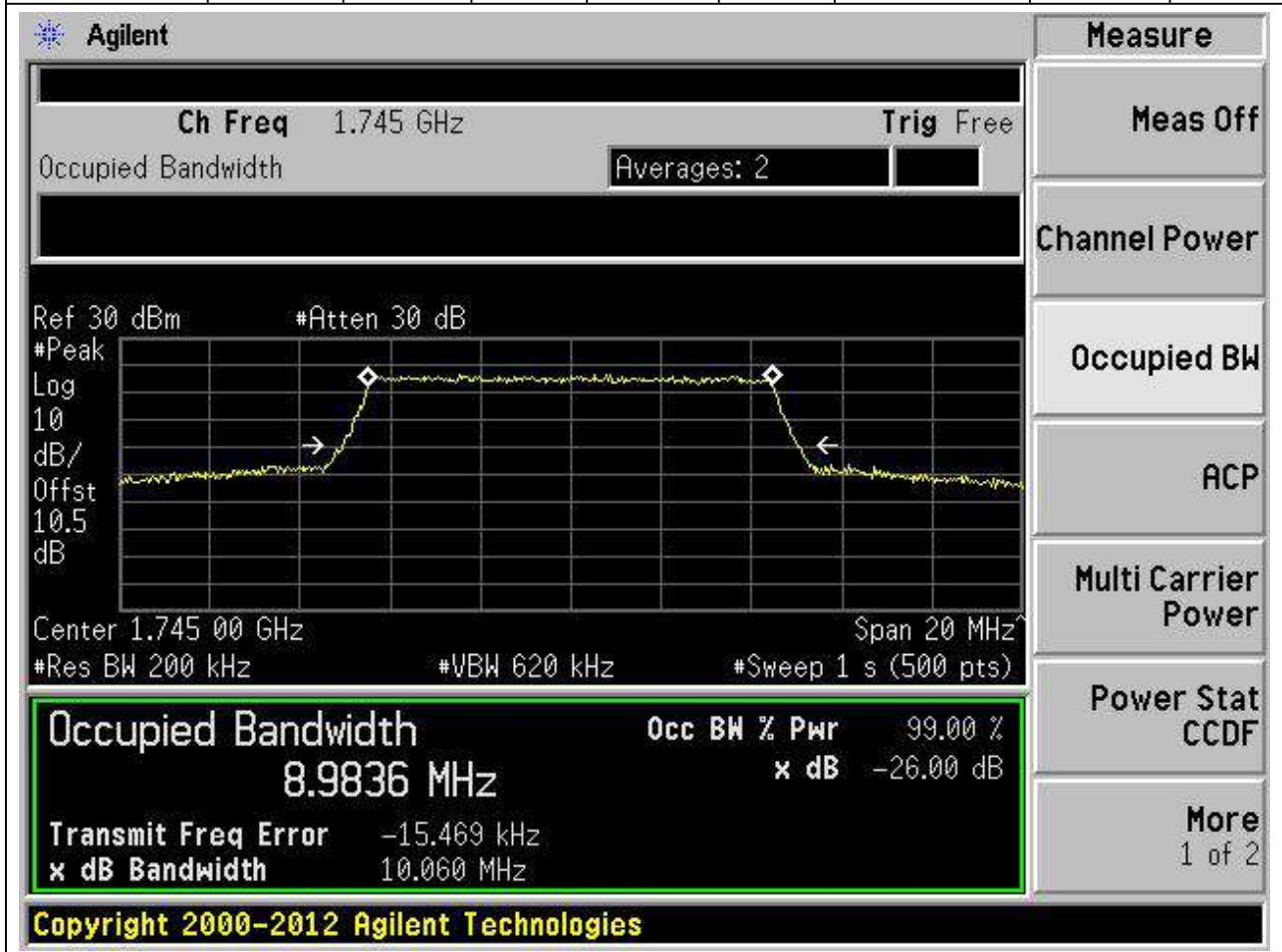
21.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.986	10.285	10	Pass



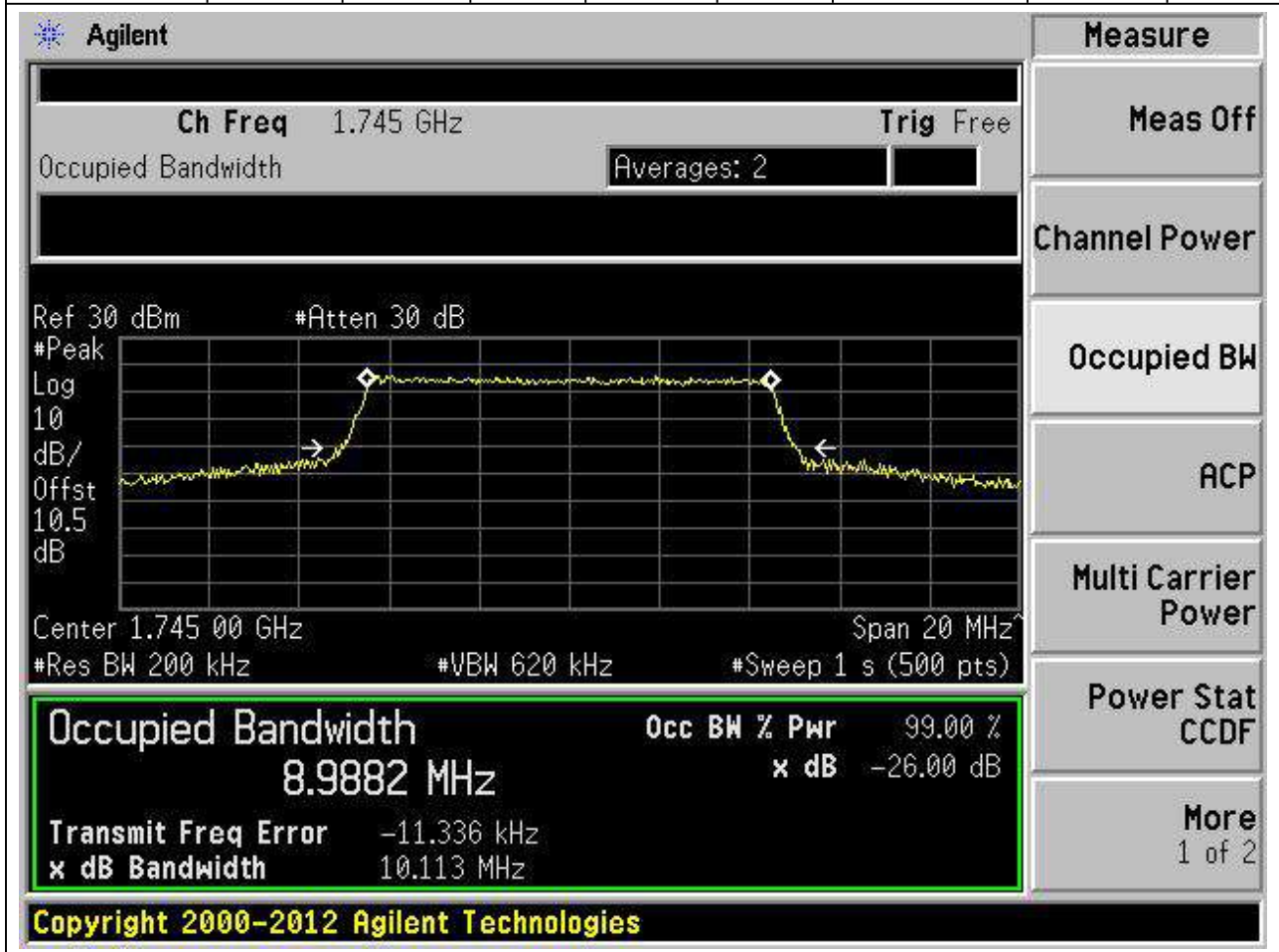
21.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.2	Peak	8.984	10.06	10	Pass



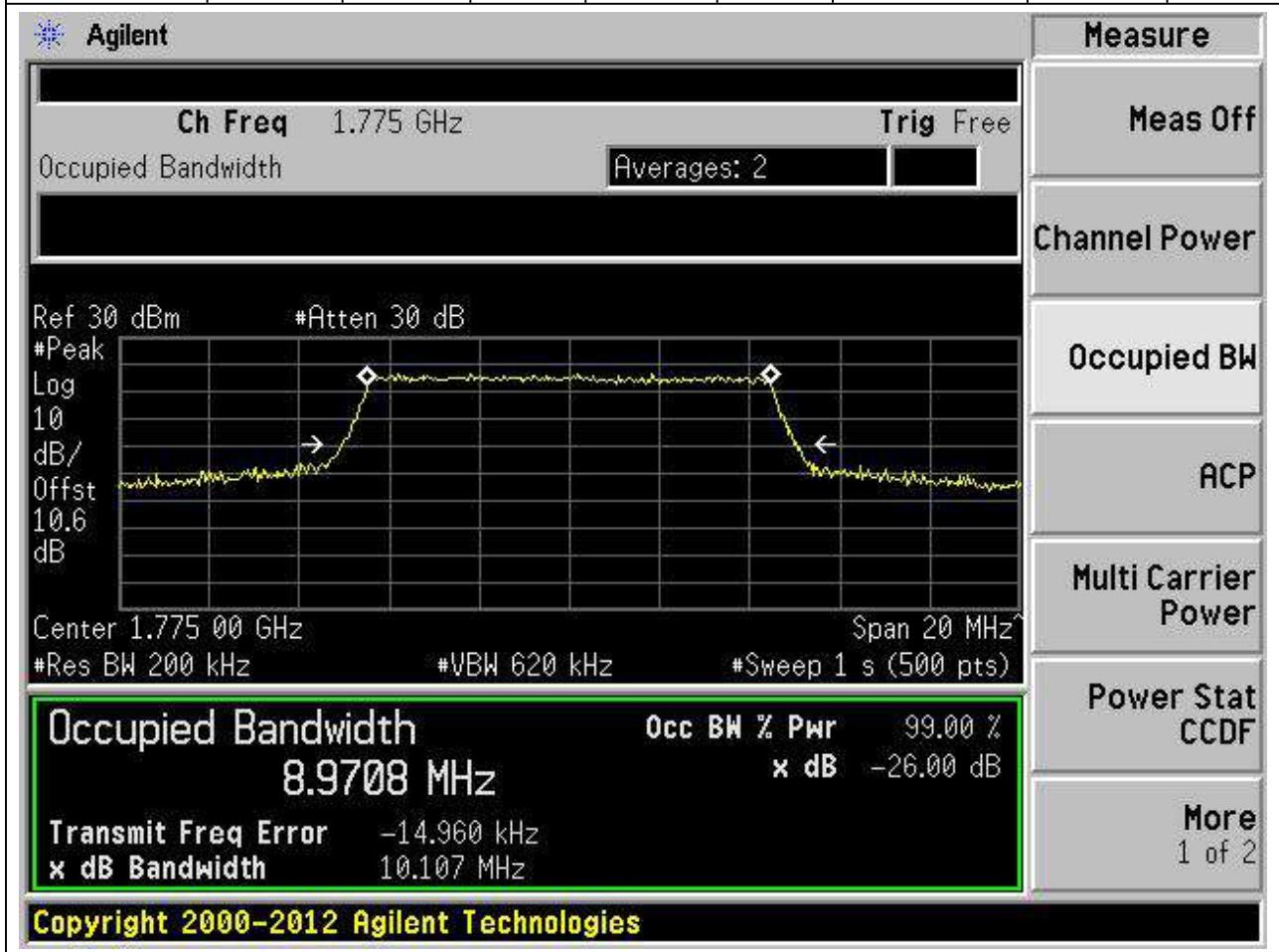
21.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.2	Peak	8.988	10.113	10	Pass



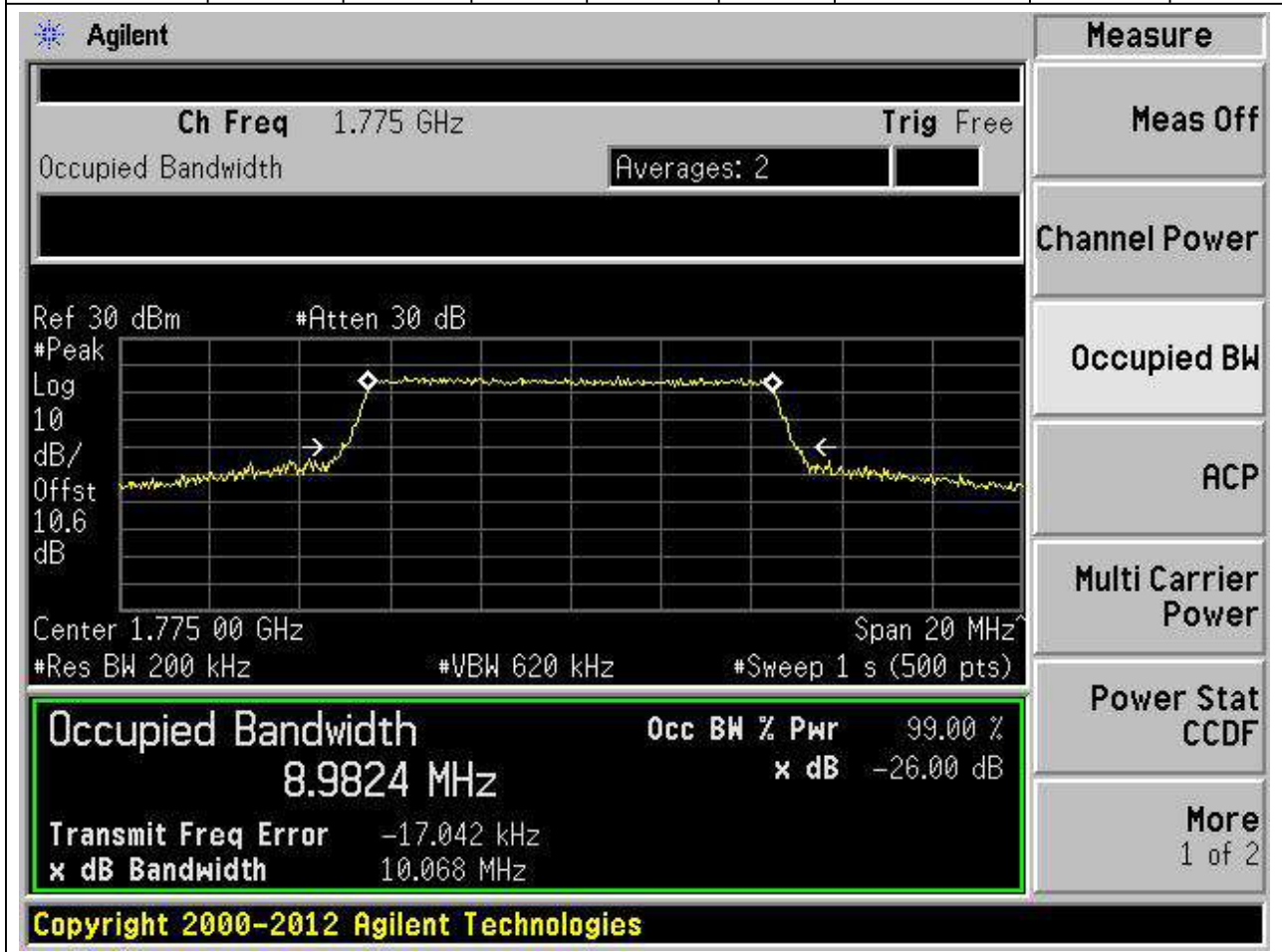
21.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.2	Peak	8.971	10.107	10	Pass



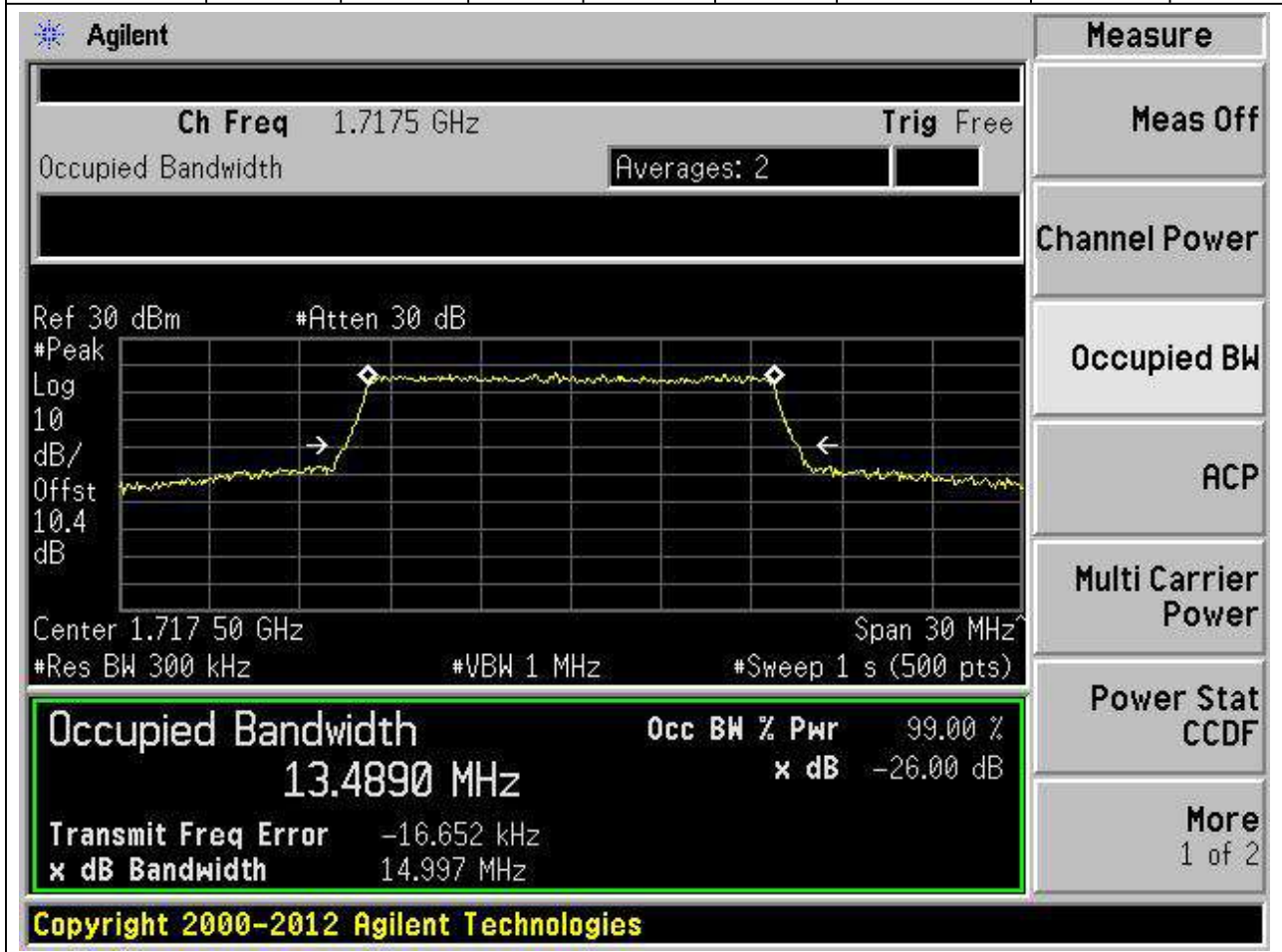
21.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.2	Peak	8.982	10.068	10	Pass



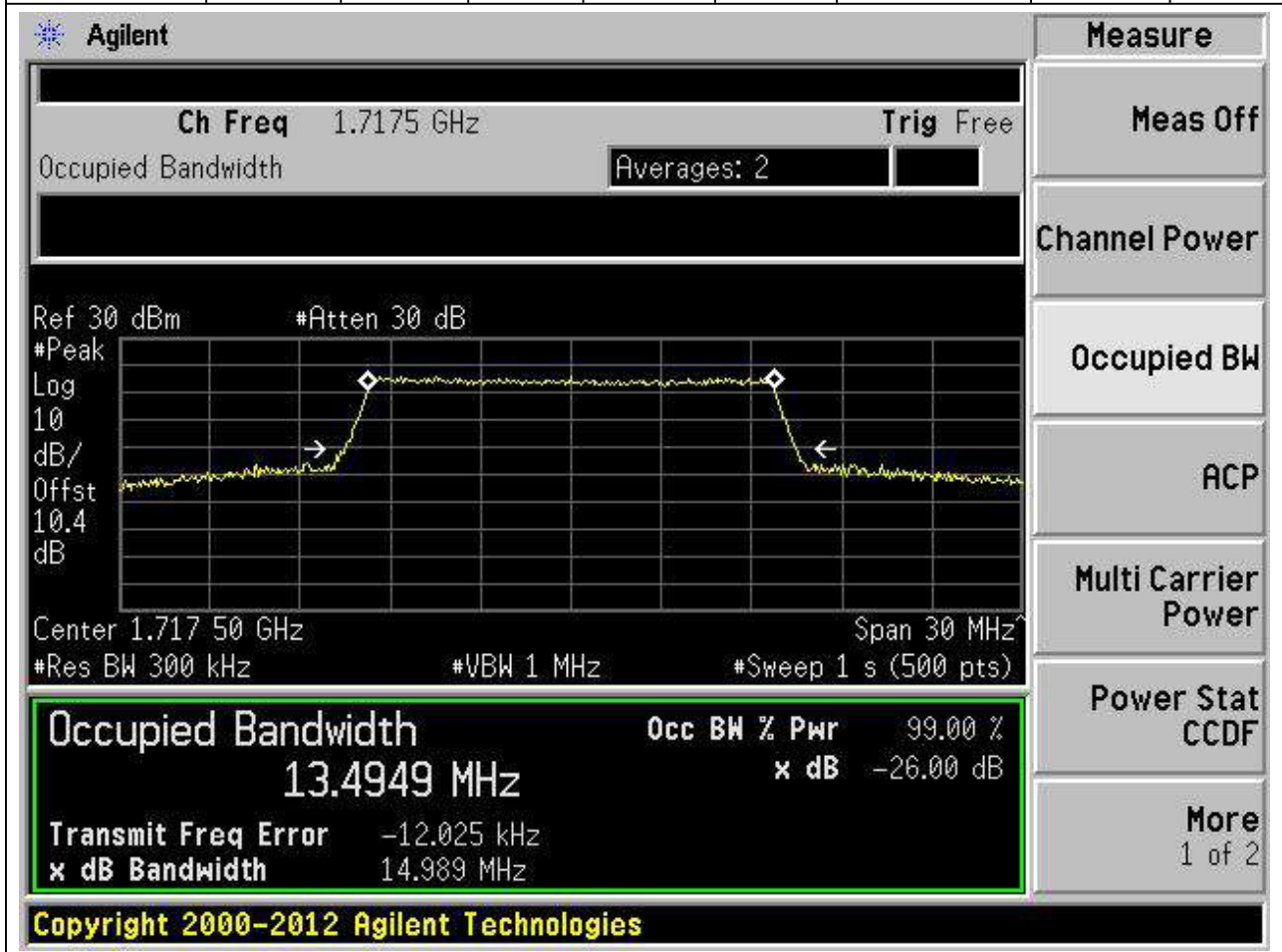
21.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.489	14.997	15	Pass



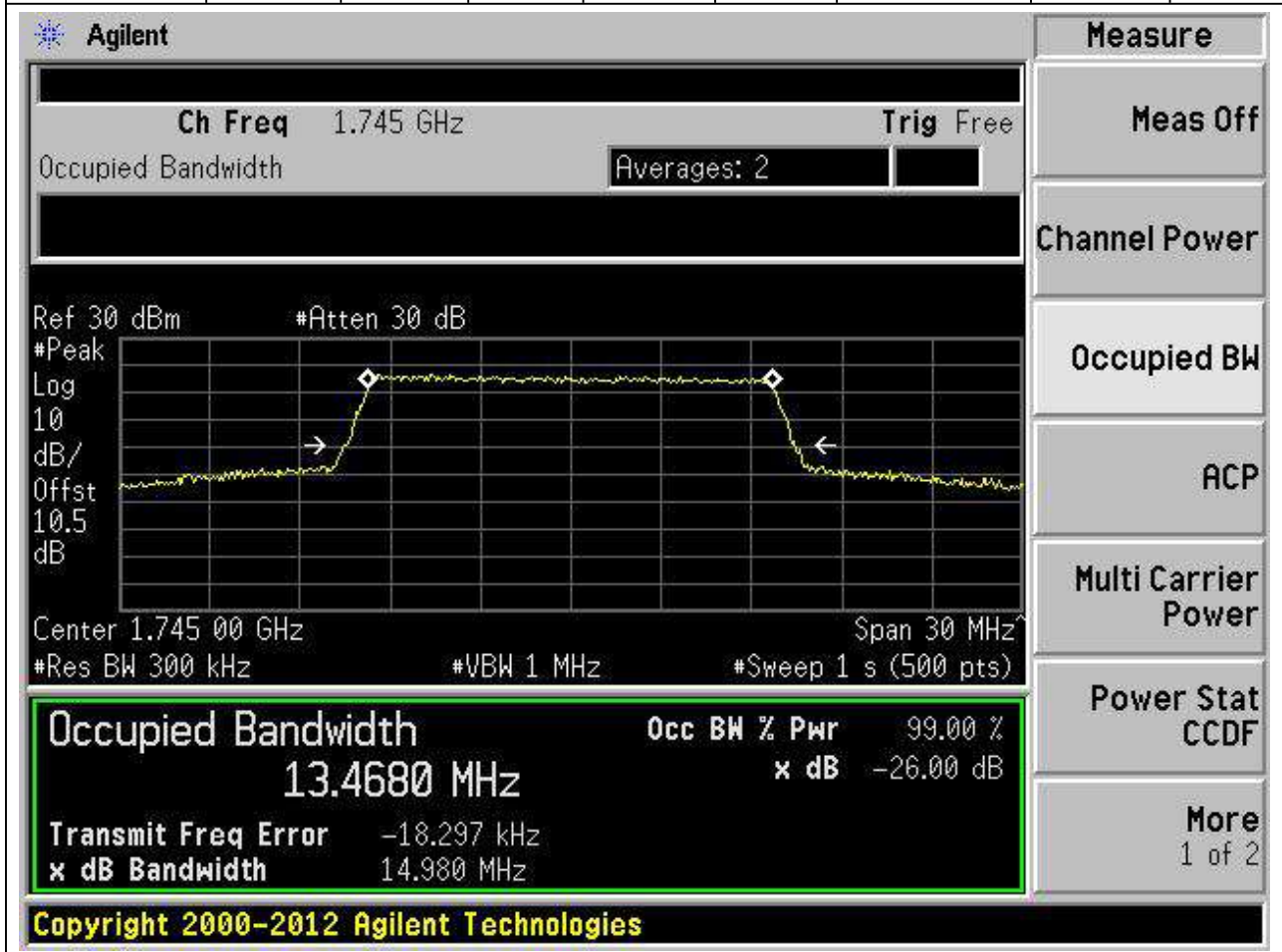
21.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.495	14.989	15	Pass



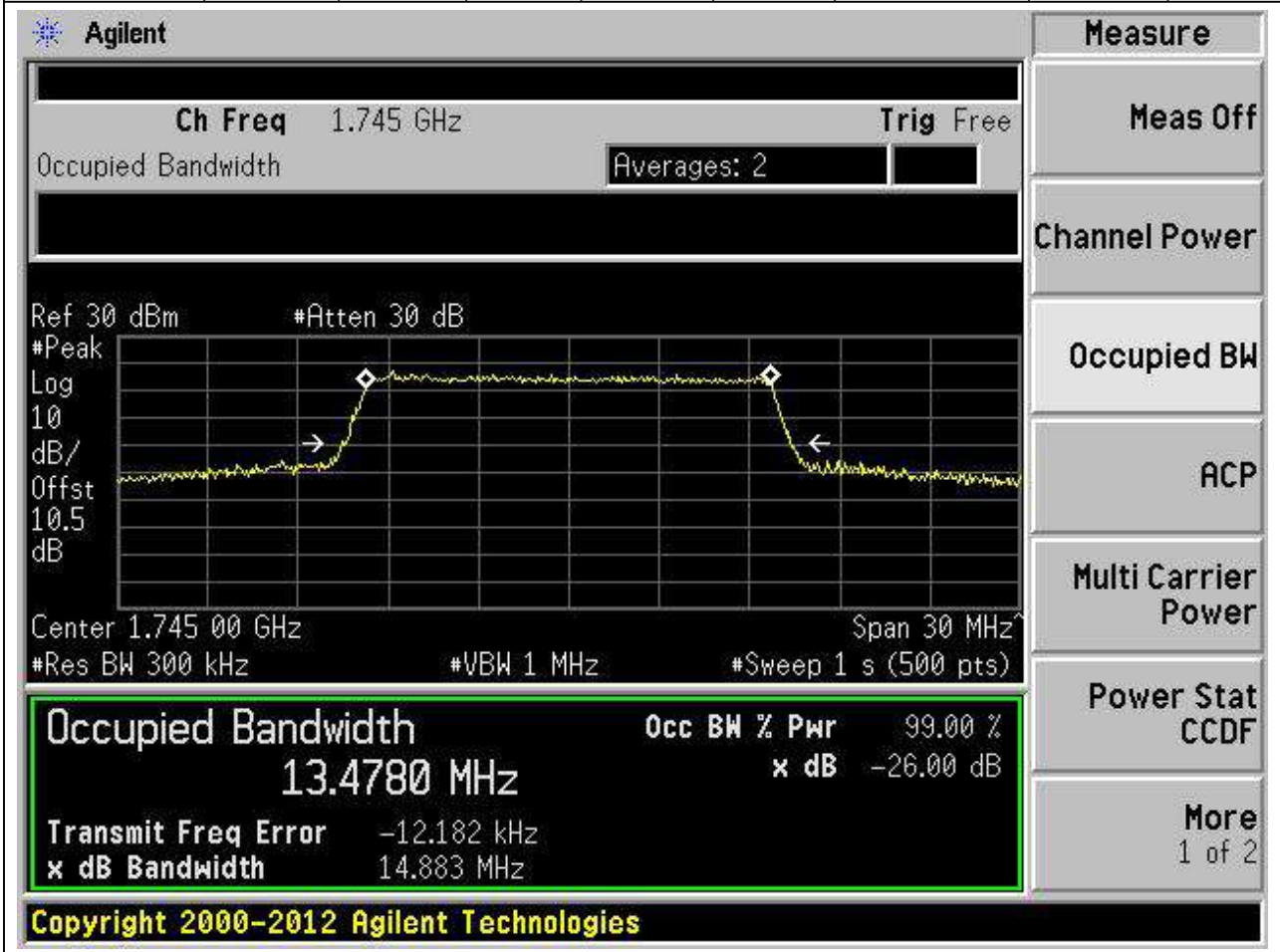
21.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.468	14.98	15	Pass



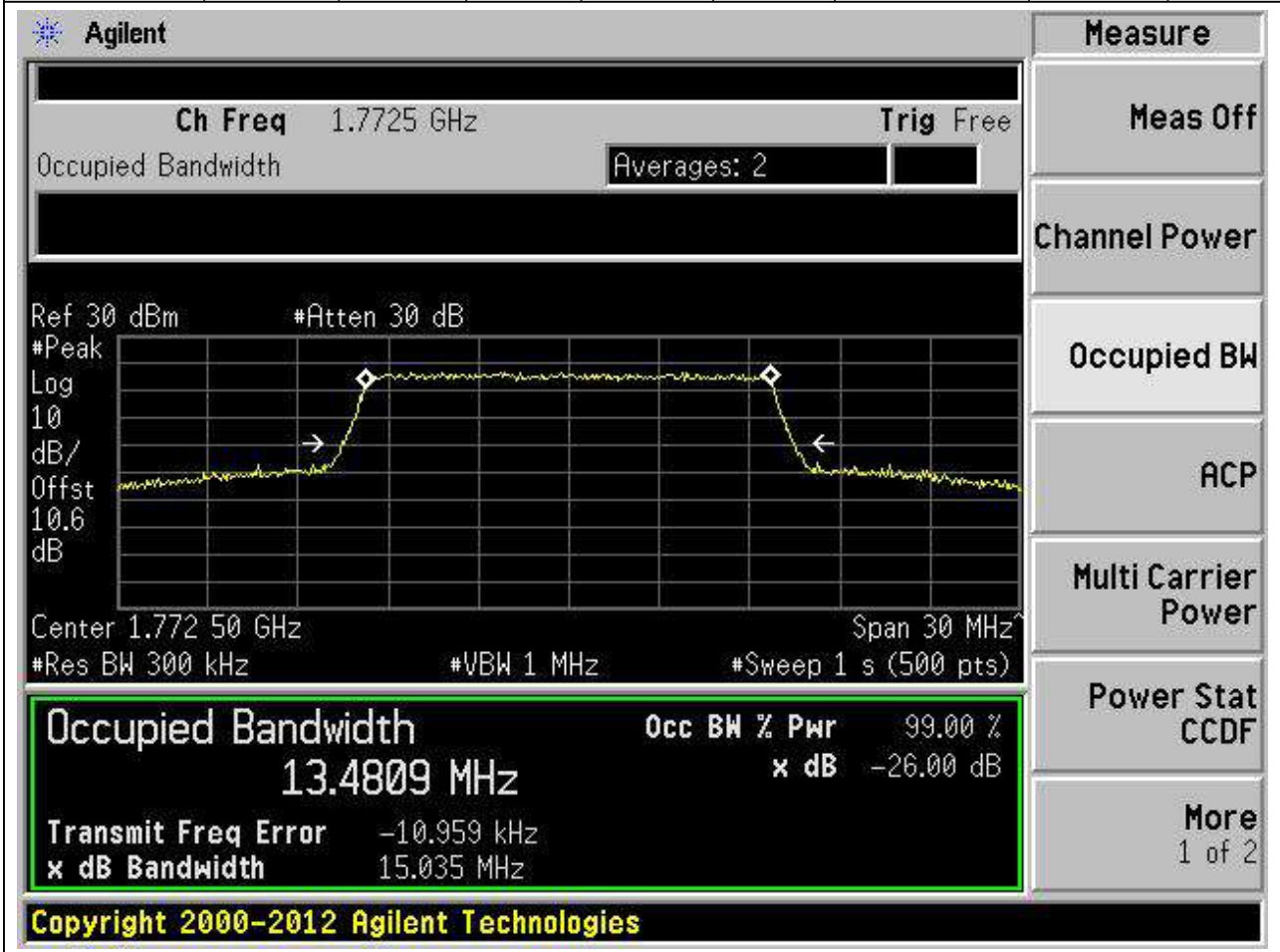
21.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.478	14.883	15	Pass



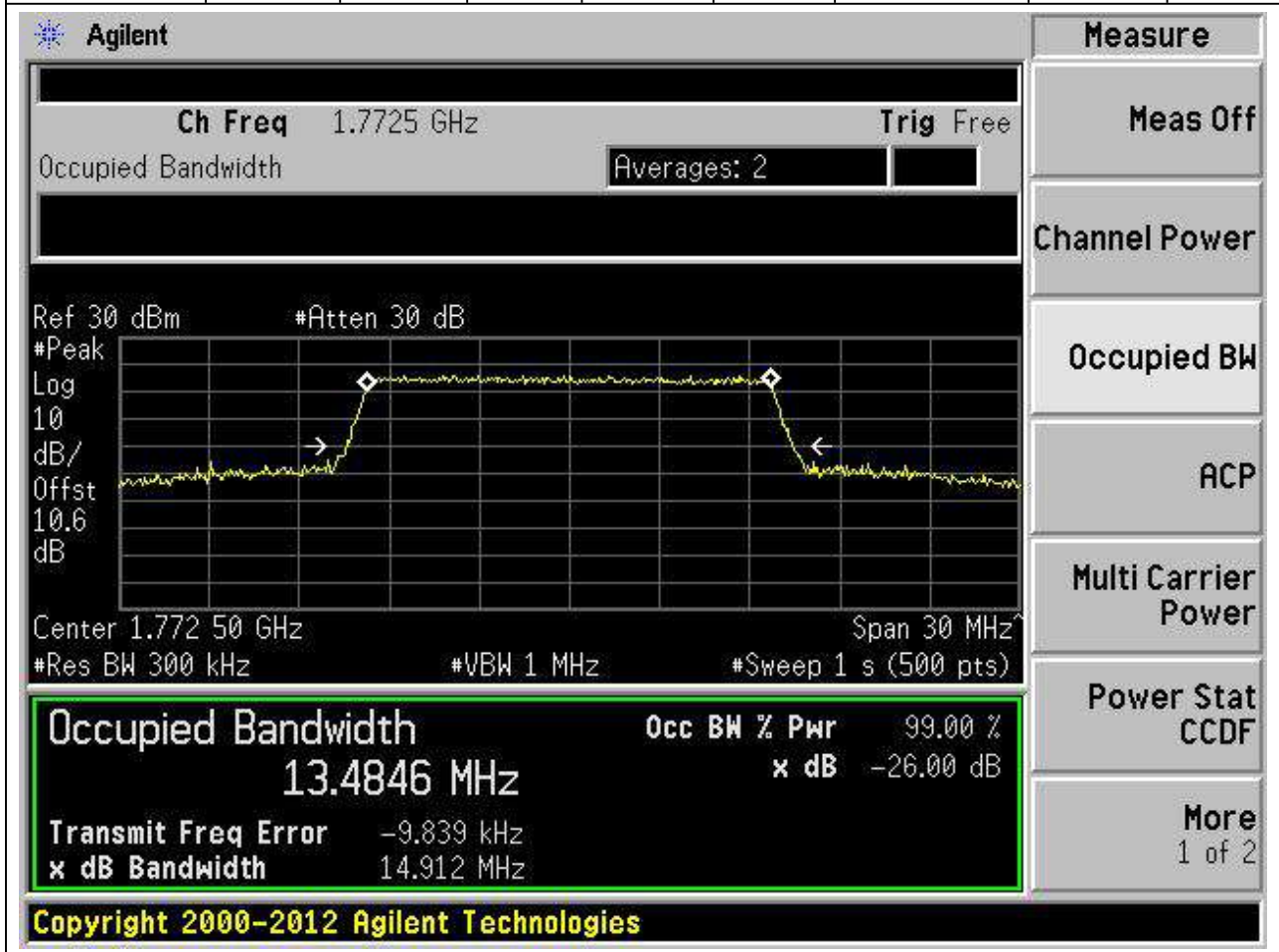
21.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.481	15.035	15	Pass



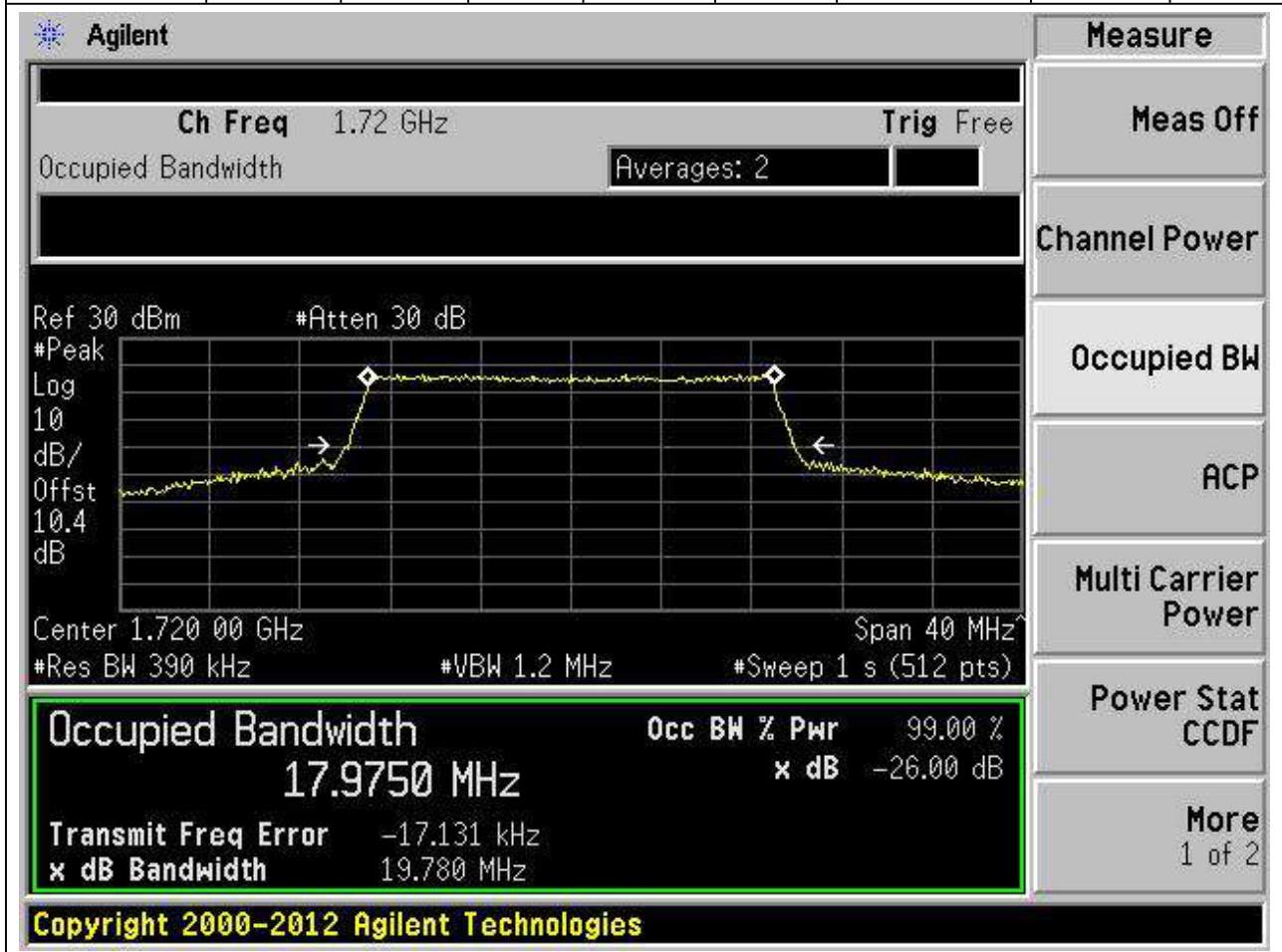
21.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.485	14.912	15	Pass



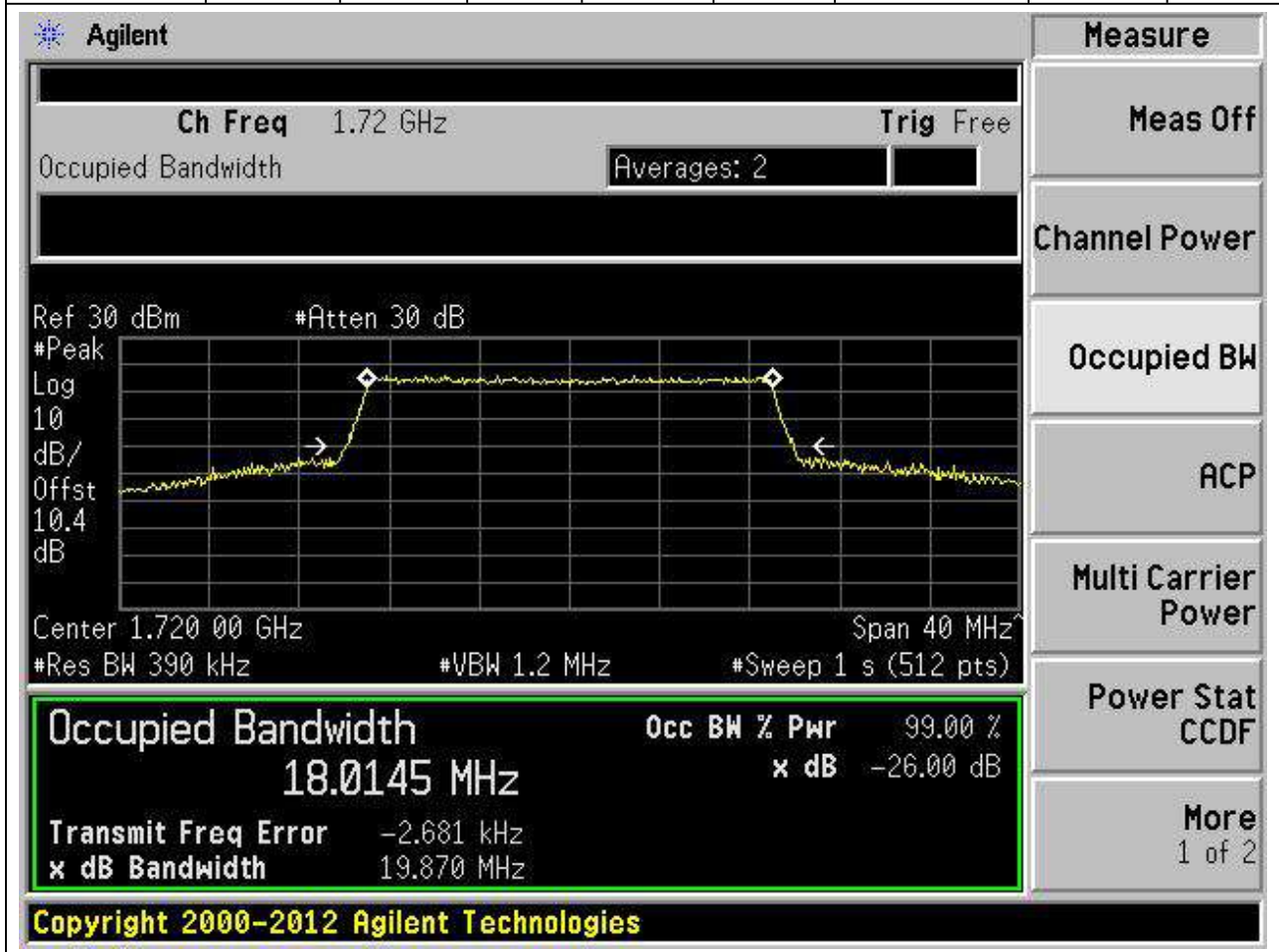
21.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.975	19.78	20	Pass



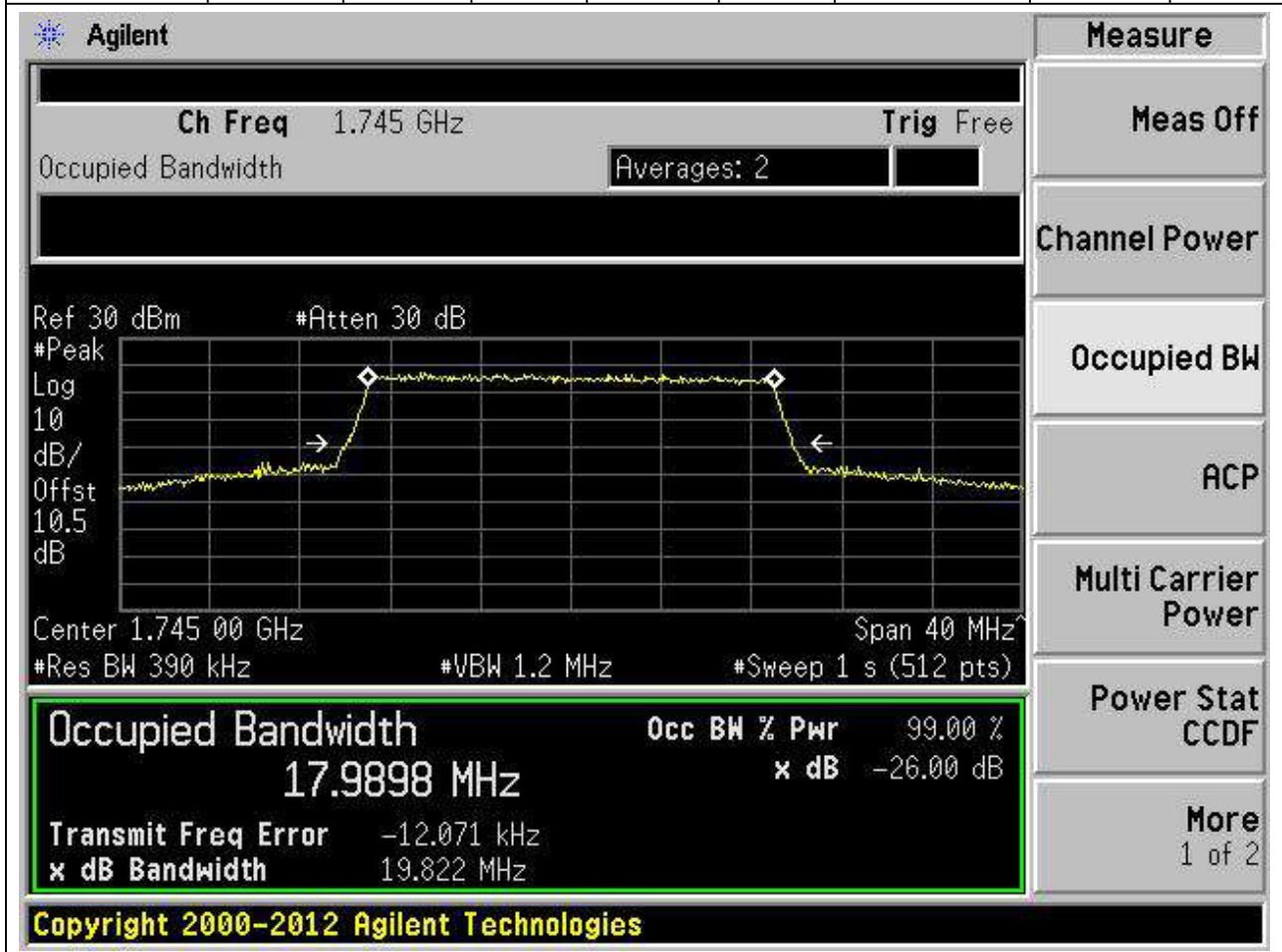
21.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	18.015	19.87	20	Pass



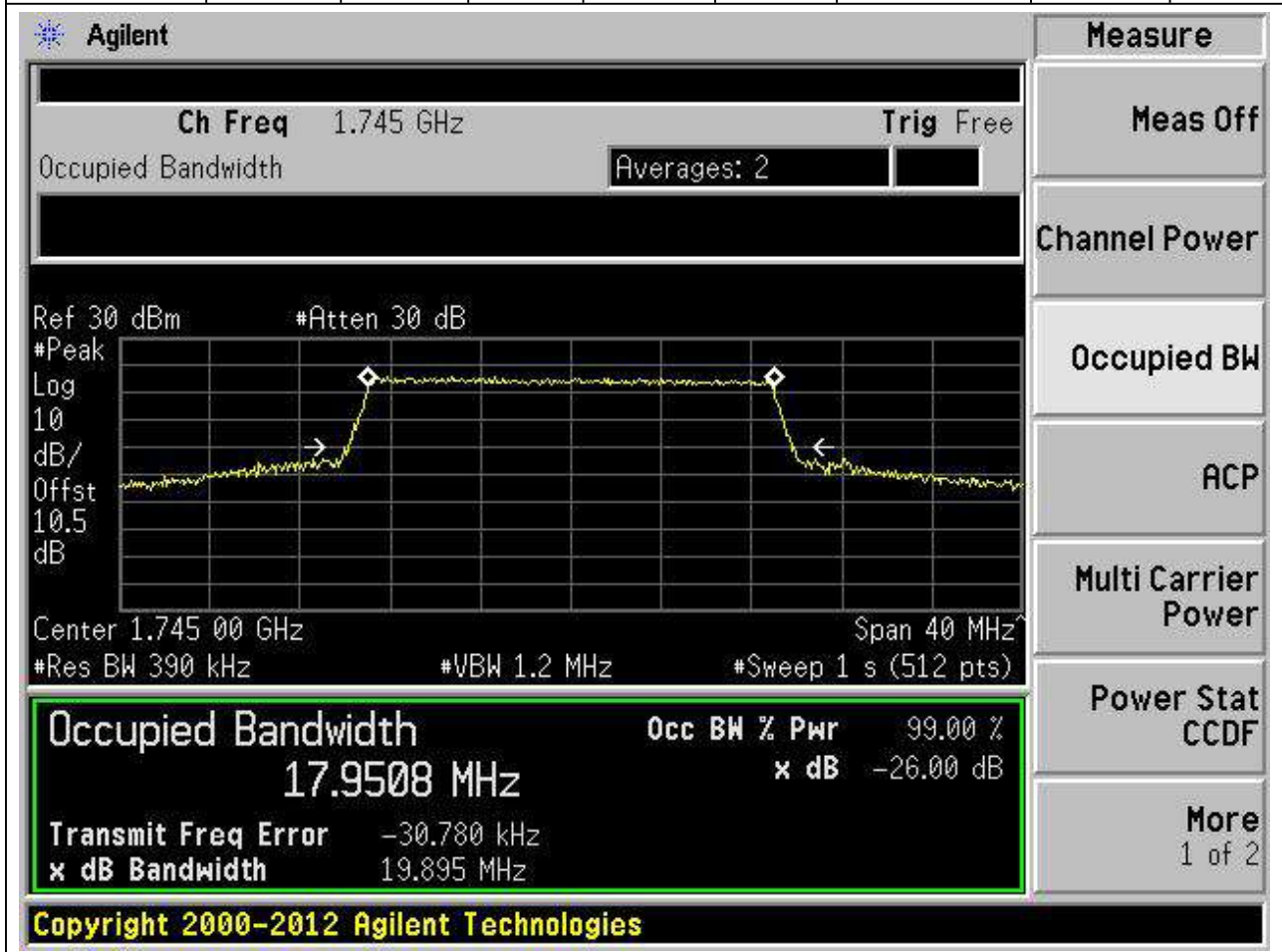
21.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.99	19.822	20	Pass



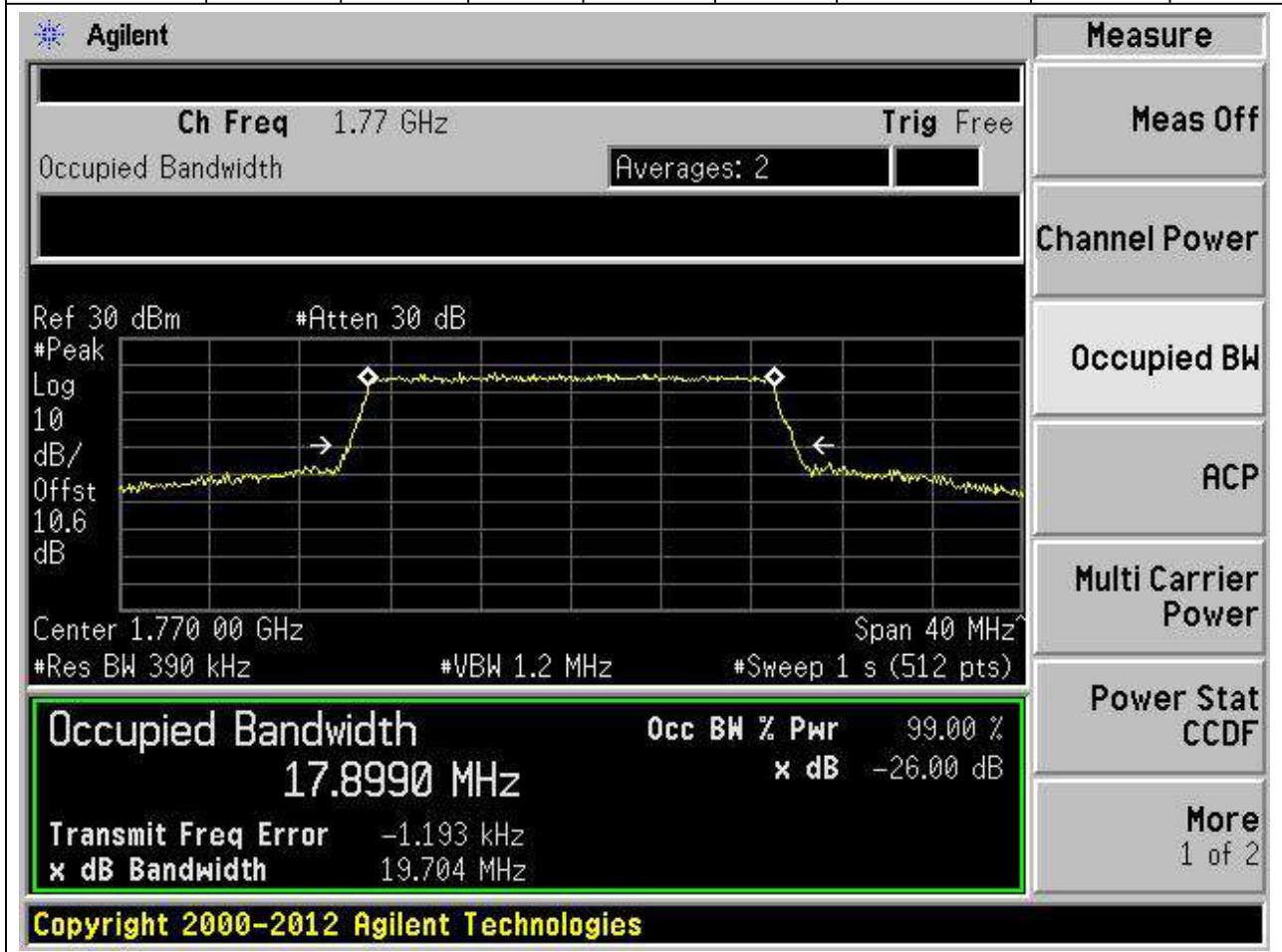
21.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.951	19.895	20	Pass



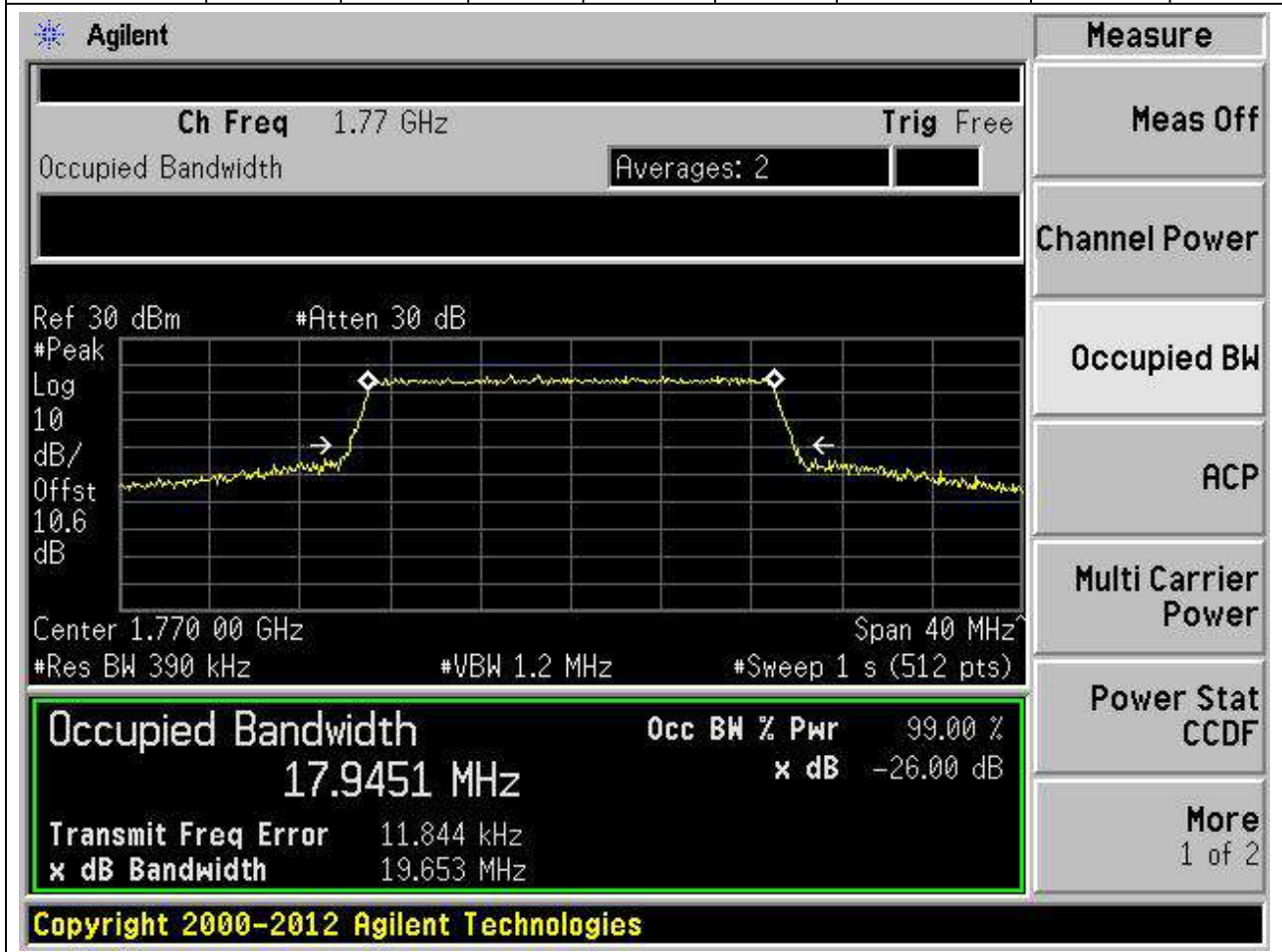
21.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.39	Peak	17.899	19.704	20	Pass



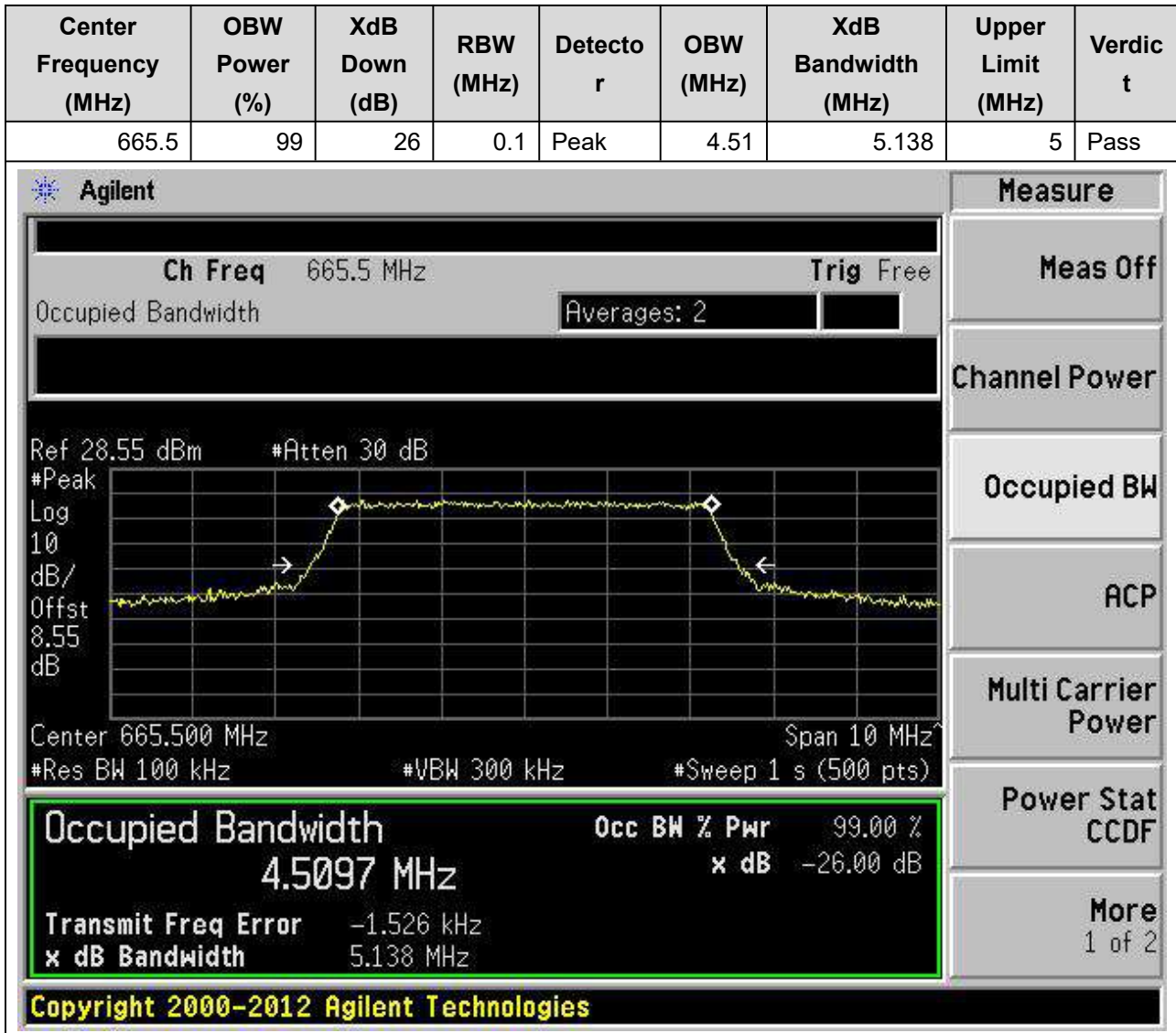
21.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.39	Peak	17.945	19.653	20	Pass



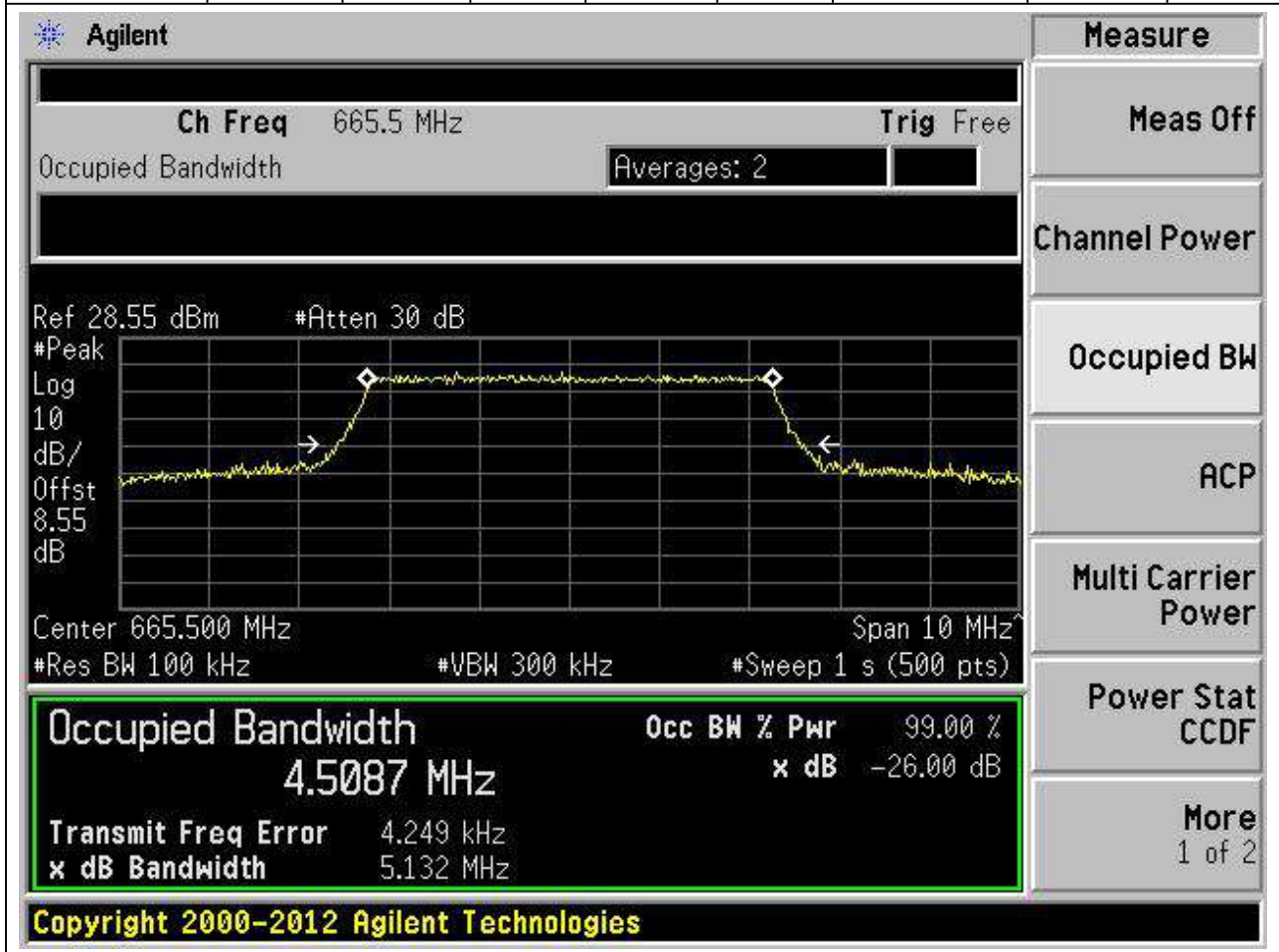
22. LTE_Band71

22.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:133147, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



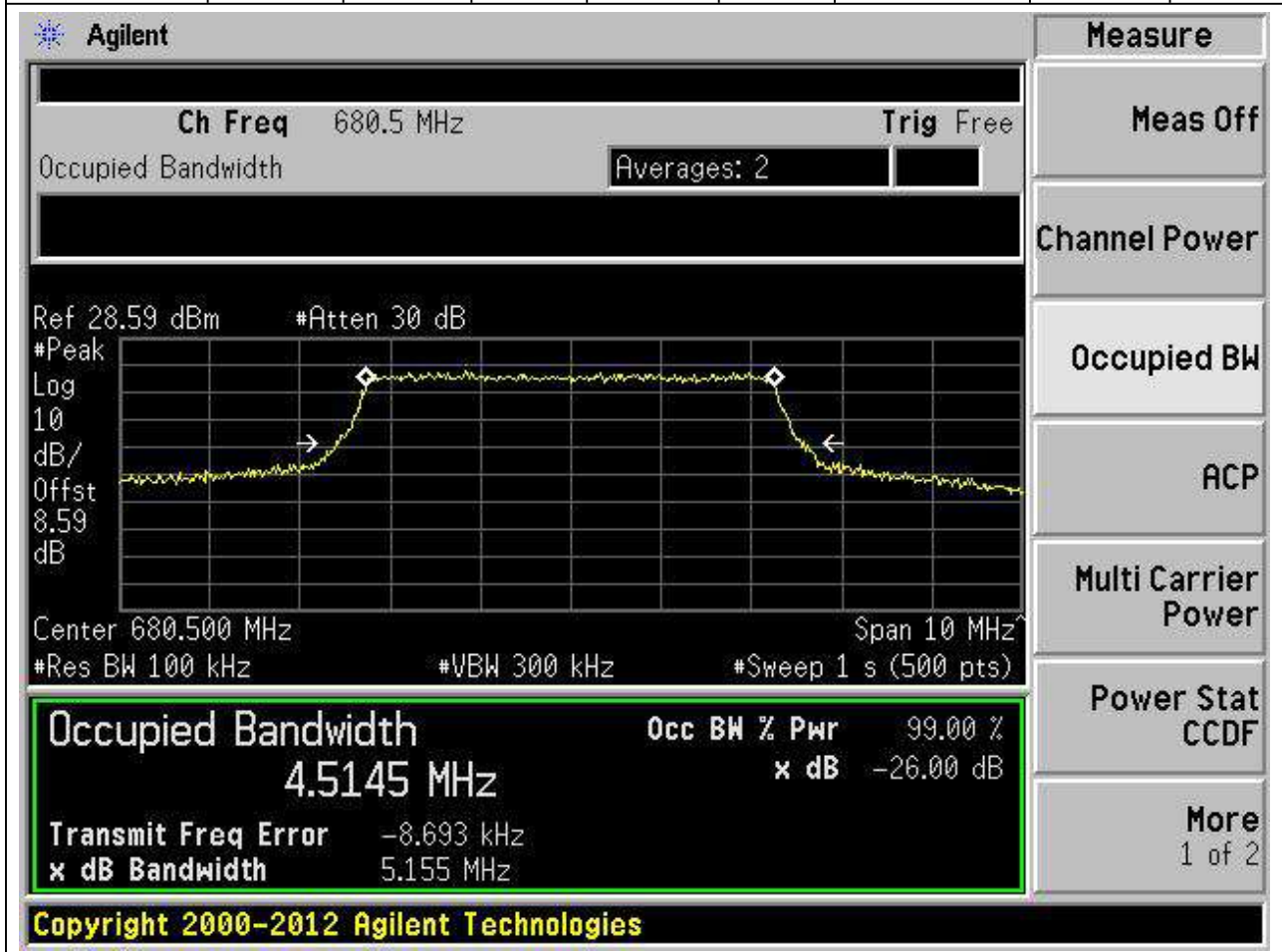
22.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:133147, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
665.5	99	26	0.1	Peak	4.509	5.132	5	Pass



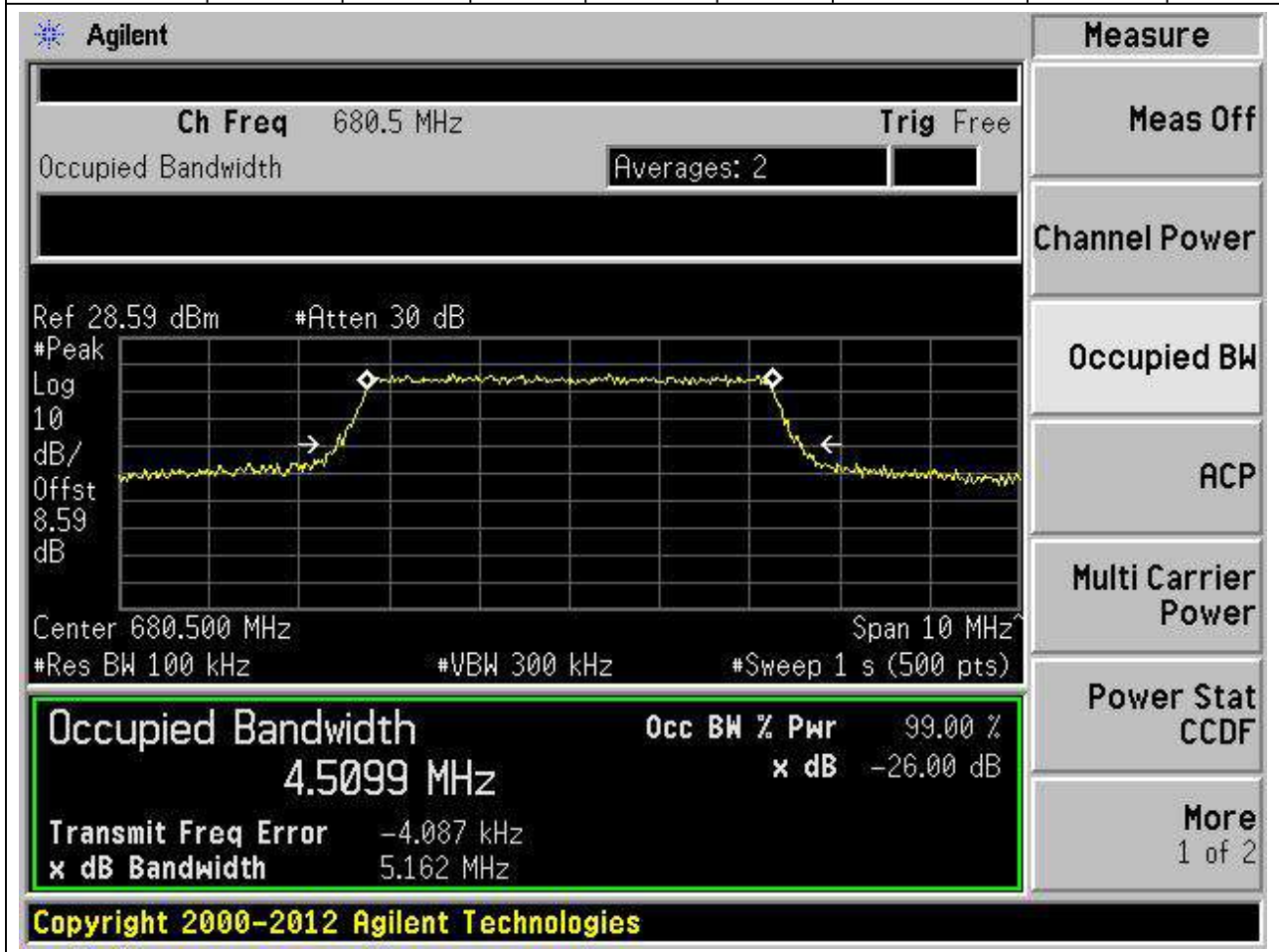
22.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:133297, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
680.5	99	26	0.1	Peak	4.514	5.155	5	Pass



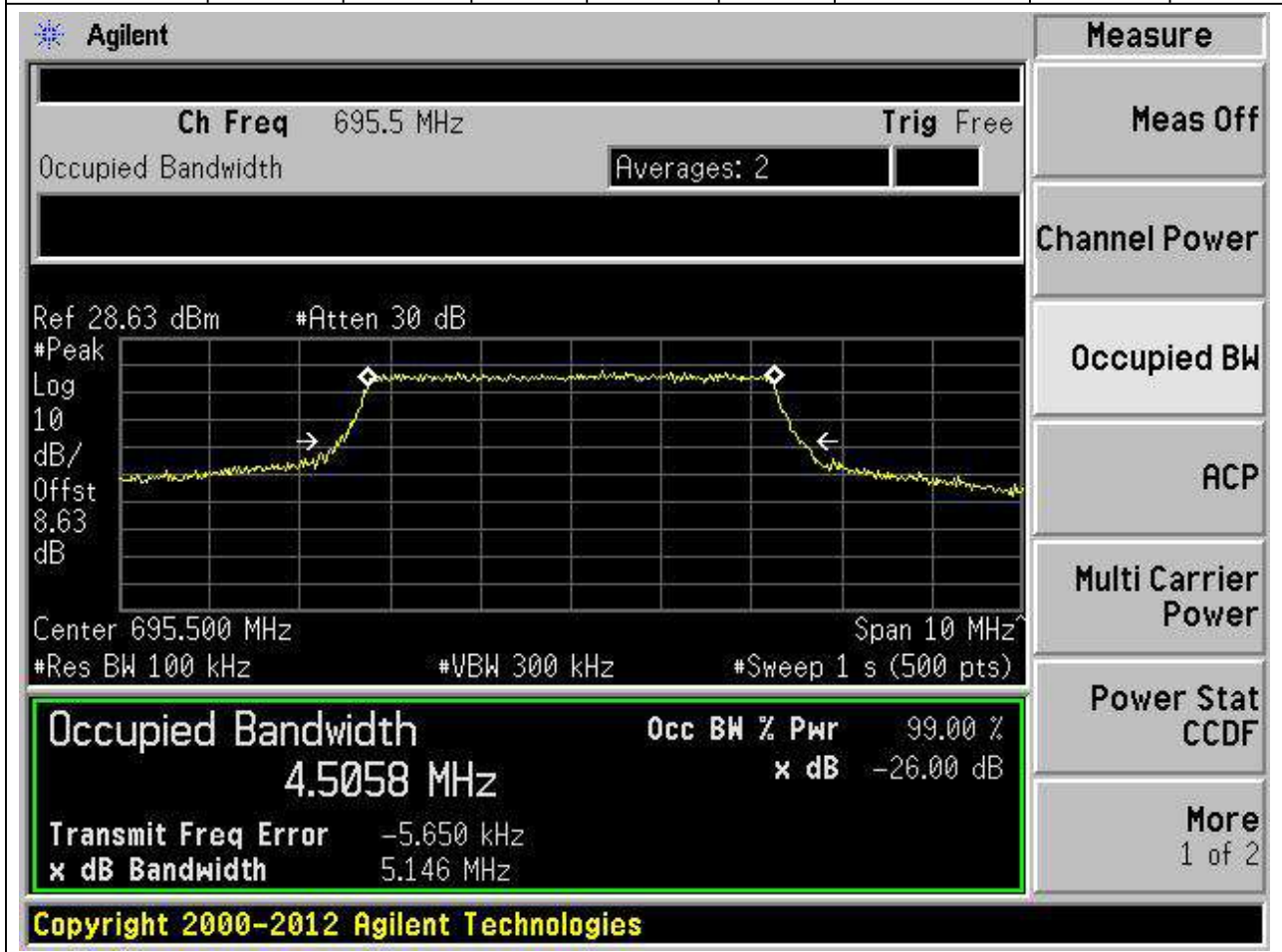
22.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:133297, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
680.5	99	26	0.1	Peak	4.51	5.162	5	Pass



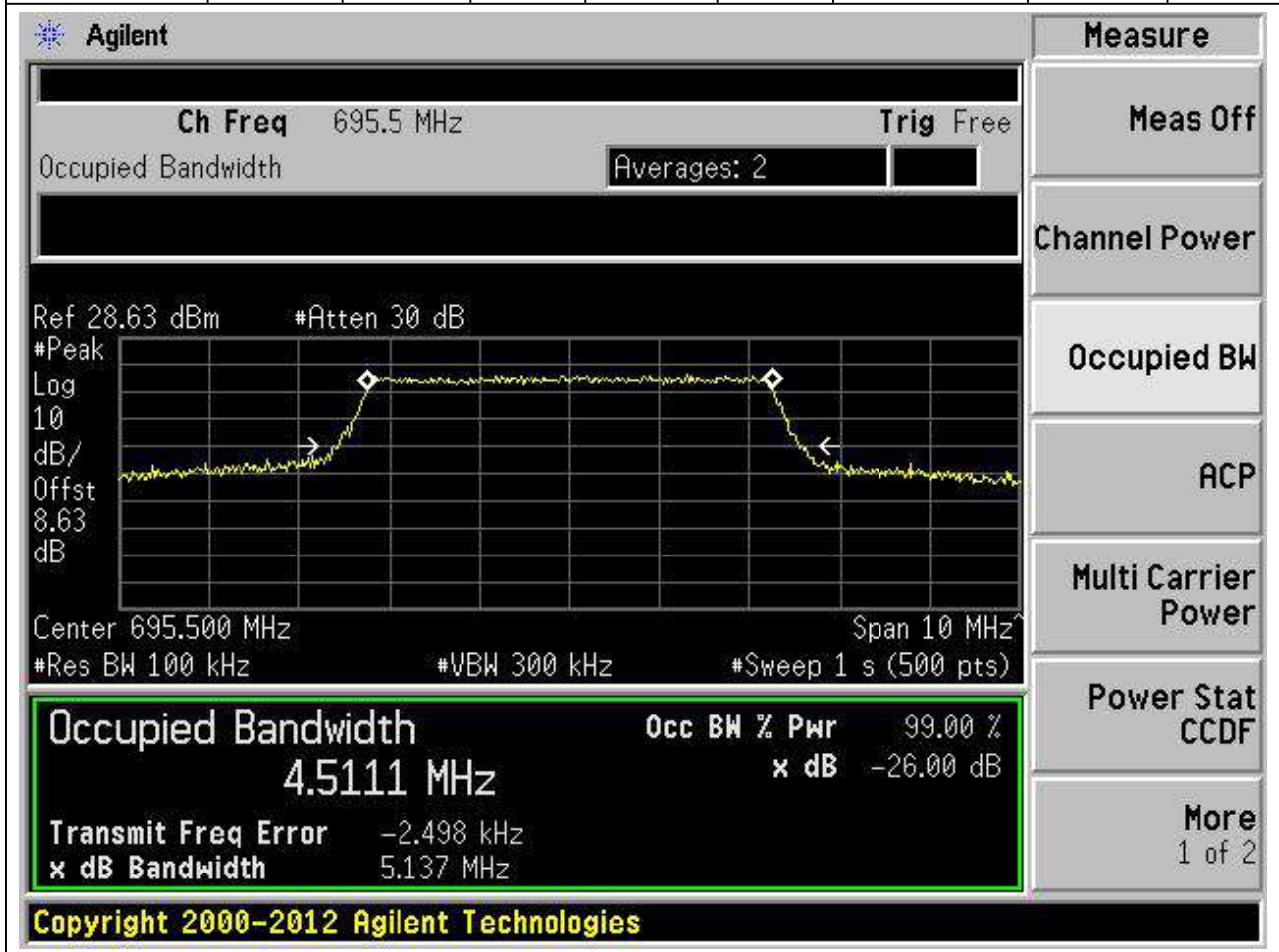
22.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:133447, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
695.5	99	26	0.1	Peak	4.506	5.146	5	Pass



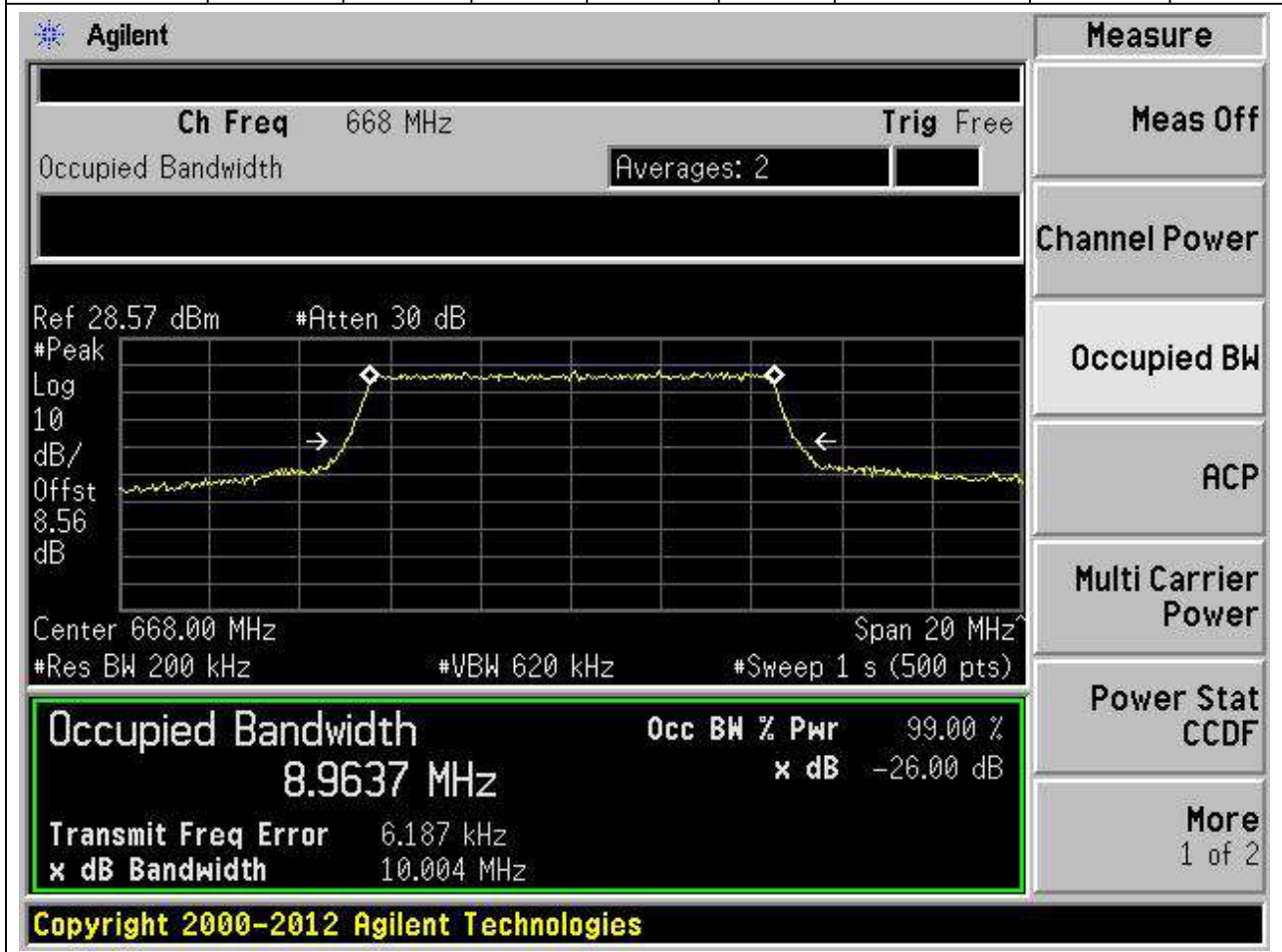
22.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:133447, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
695.5	99	26	0.1	Peak	4.511	5.137	5	Pass



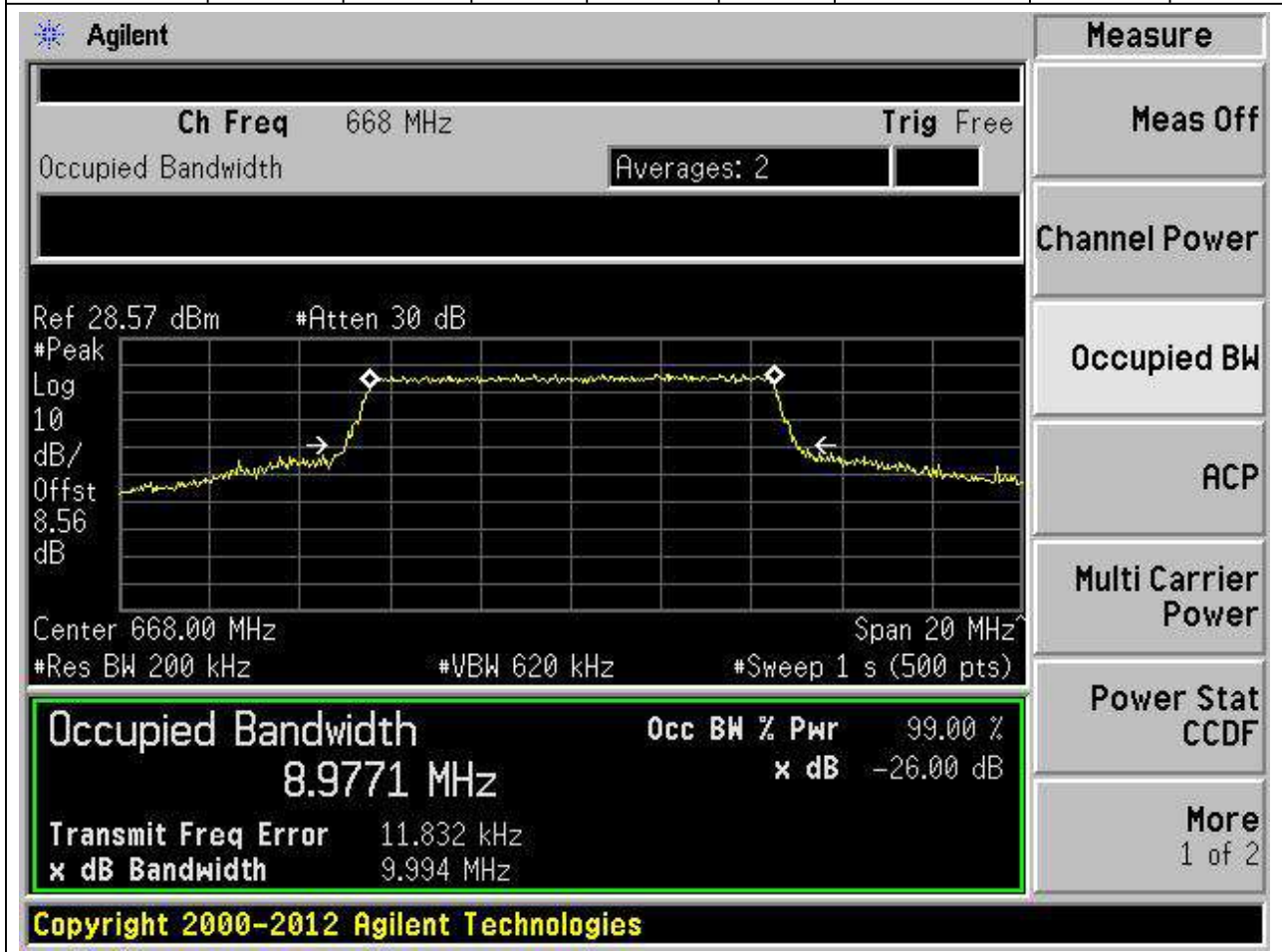
22.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:133172, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
668	99	26	0.2	Peak	8.964	10.004	10	Pass



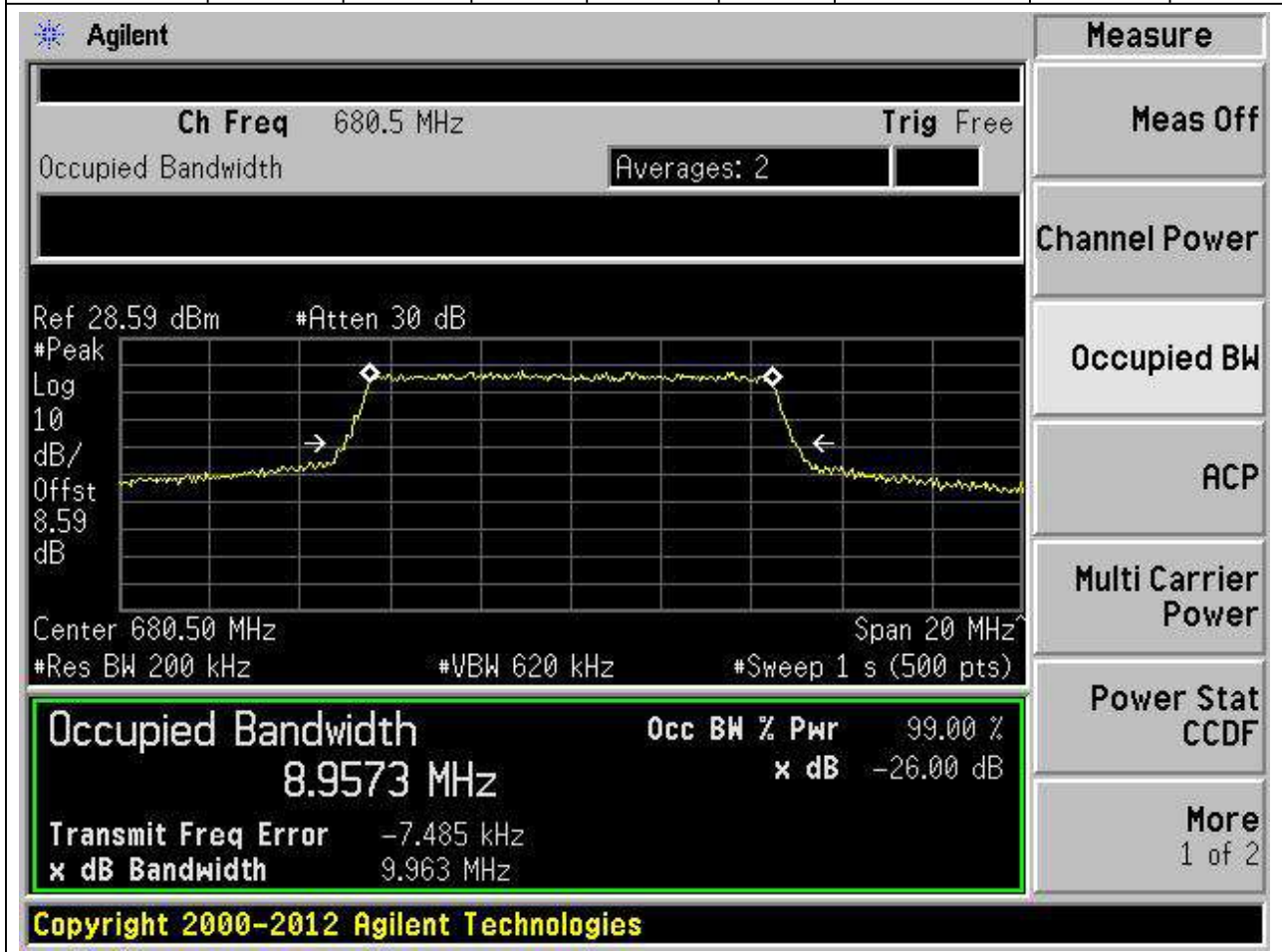
22.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:133172, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
668	99	26	0.2	Peak	8.977	9.994	10	Pass



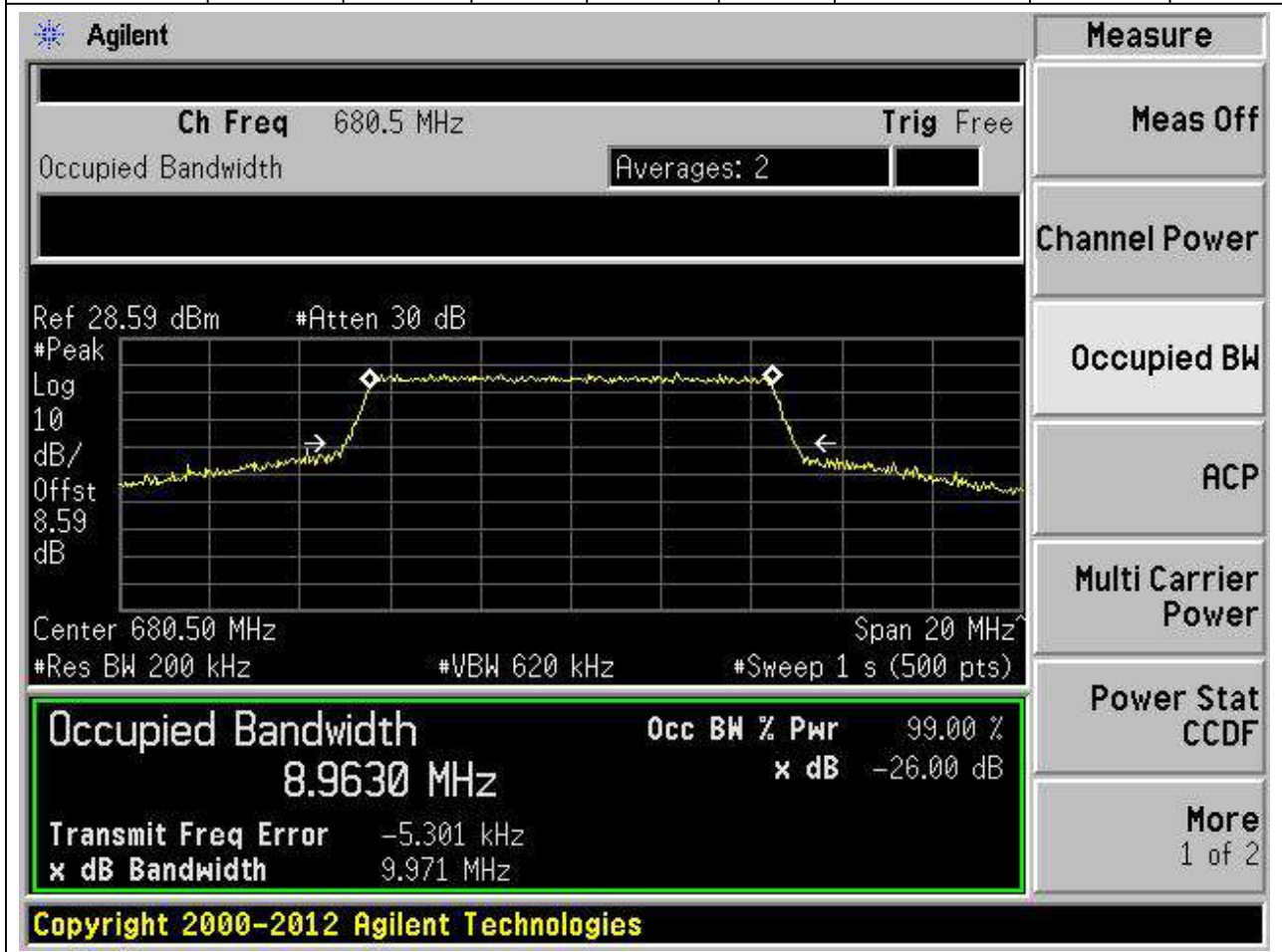
22.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:133297, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
680.5	99	26	0.2	Peak	8.957	9.963	10	Pass



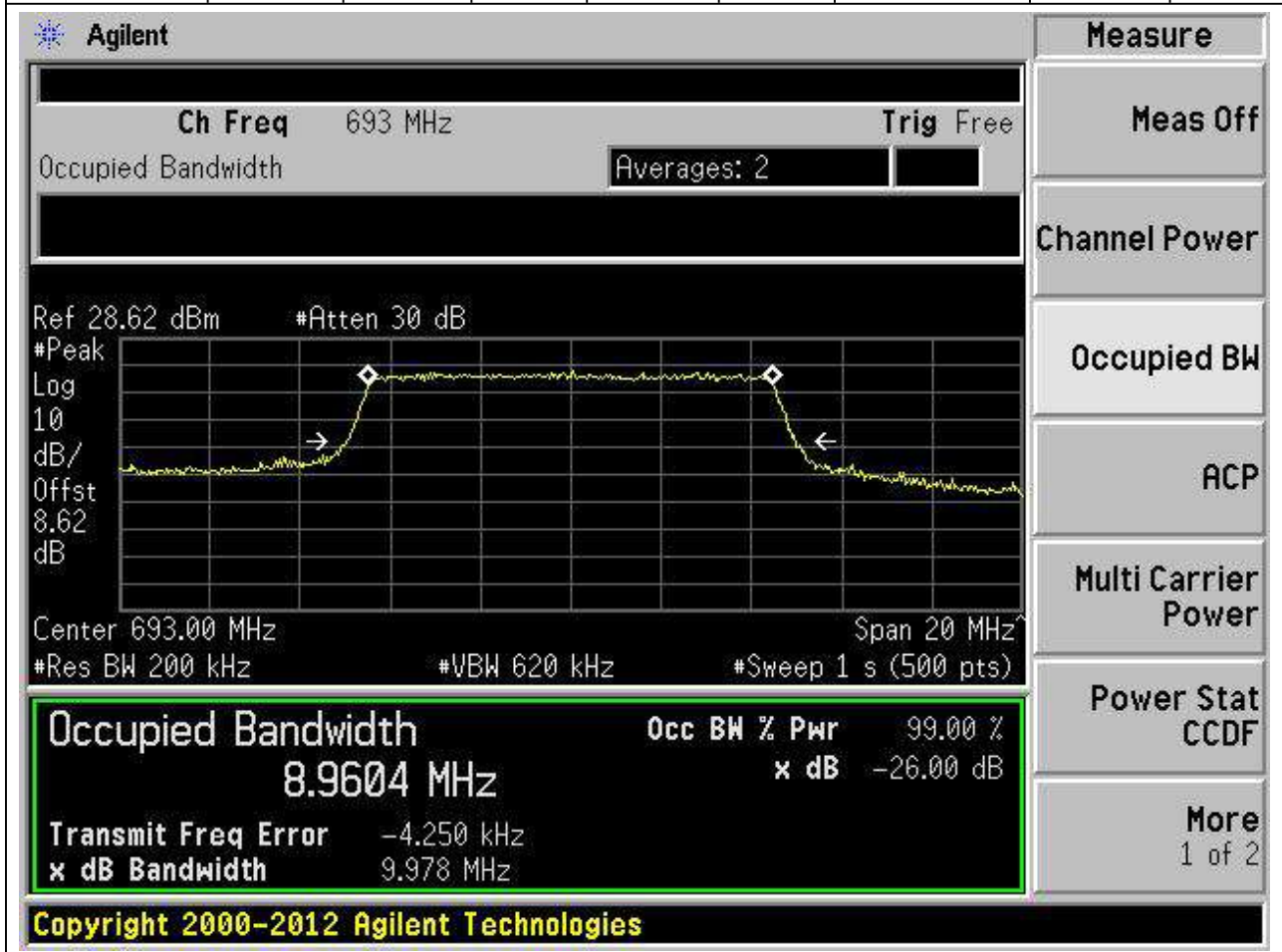
22.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:133297, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
680.5	99	26	0.2	Peak	8.963	9.971	10	Pass



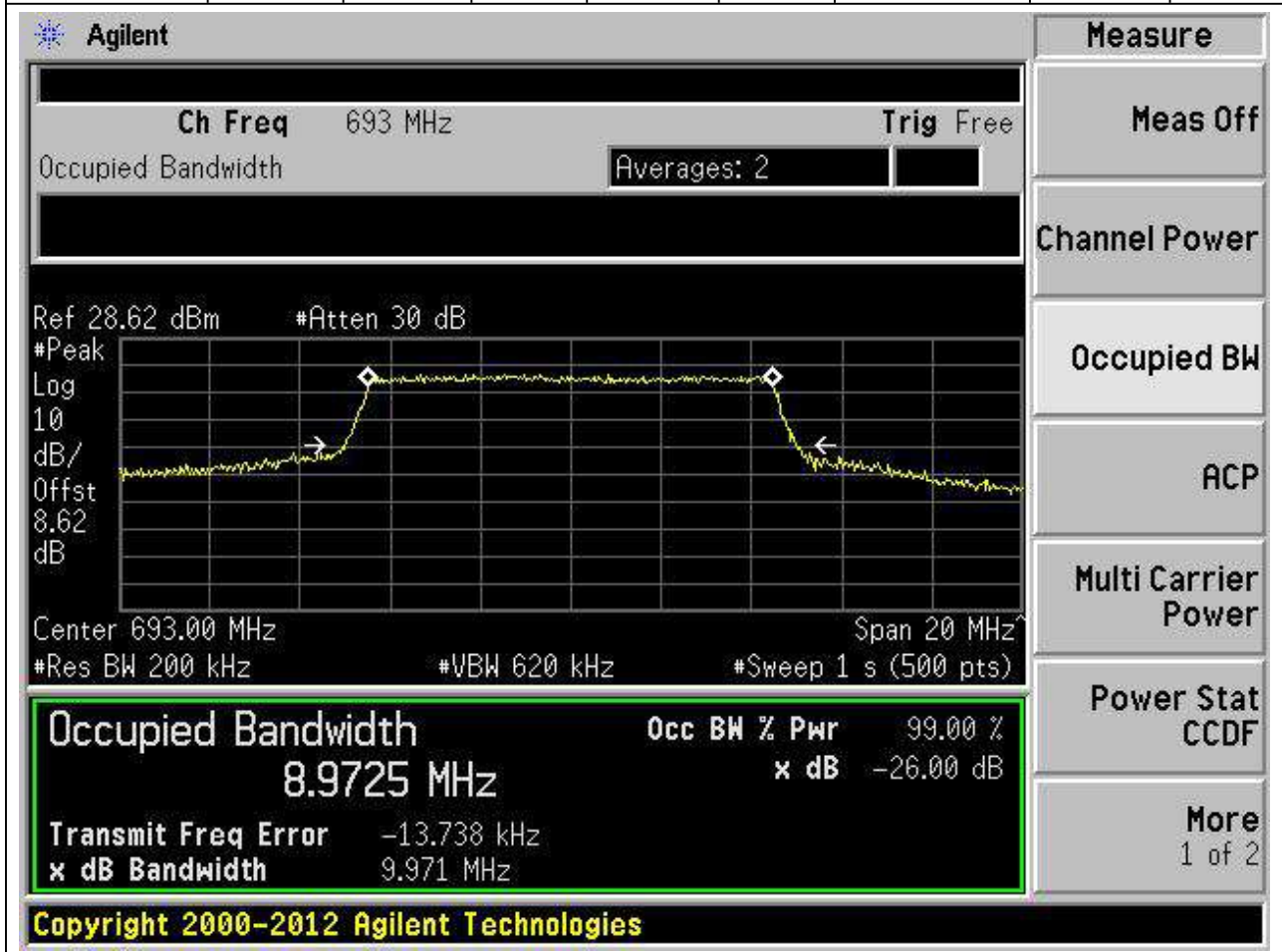
22.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:133422, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
693	99	26	0.2	Peak	8.96	9.978	10	Pass



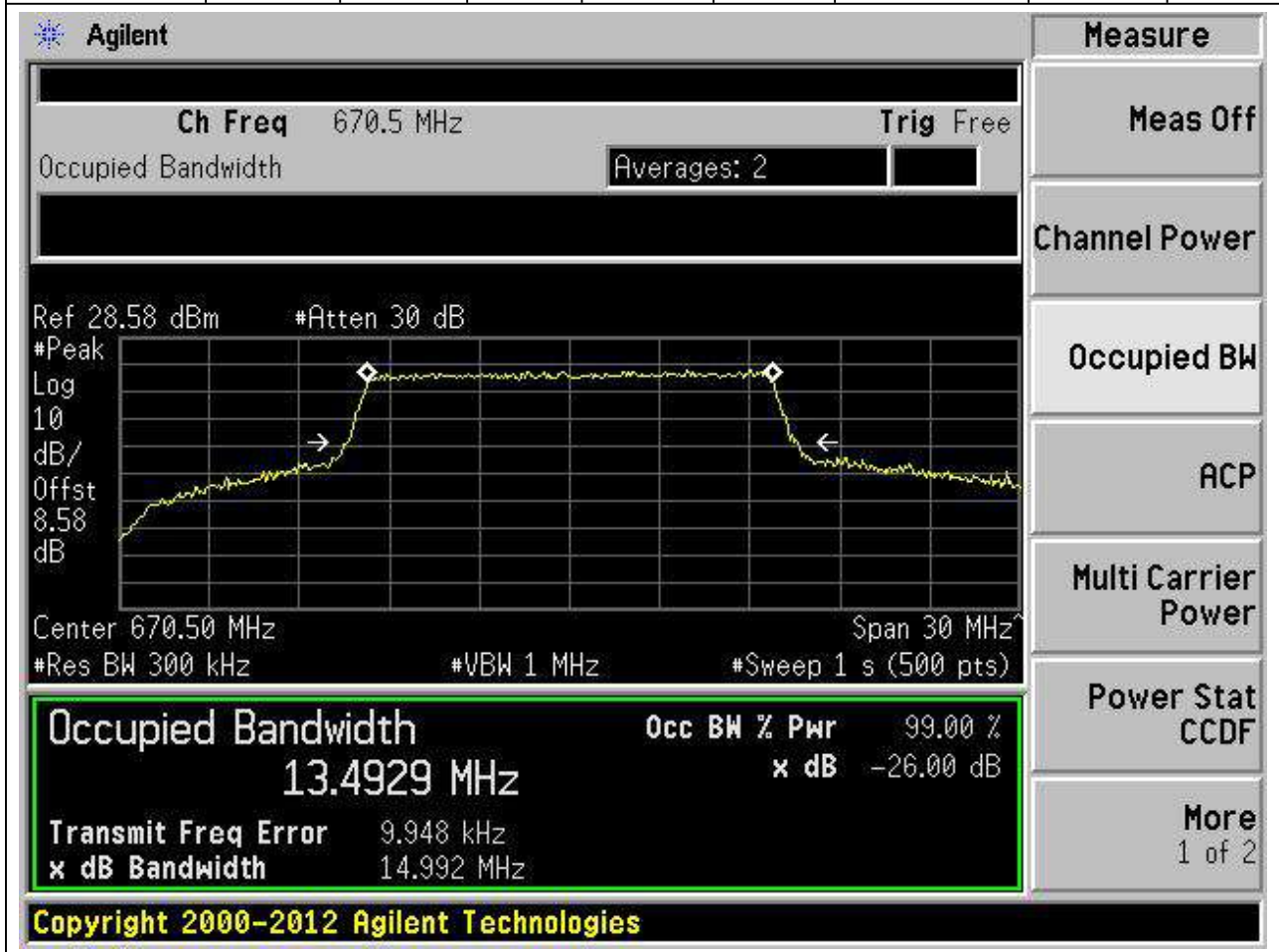
22.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:133422, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
693	99	26	0.2	Peak	8.972	9.971	10	Pass



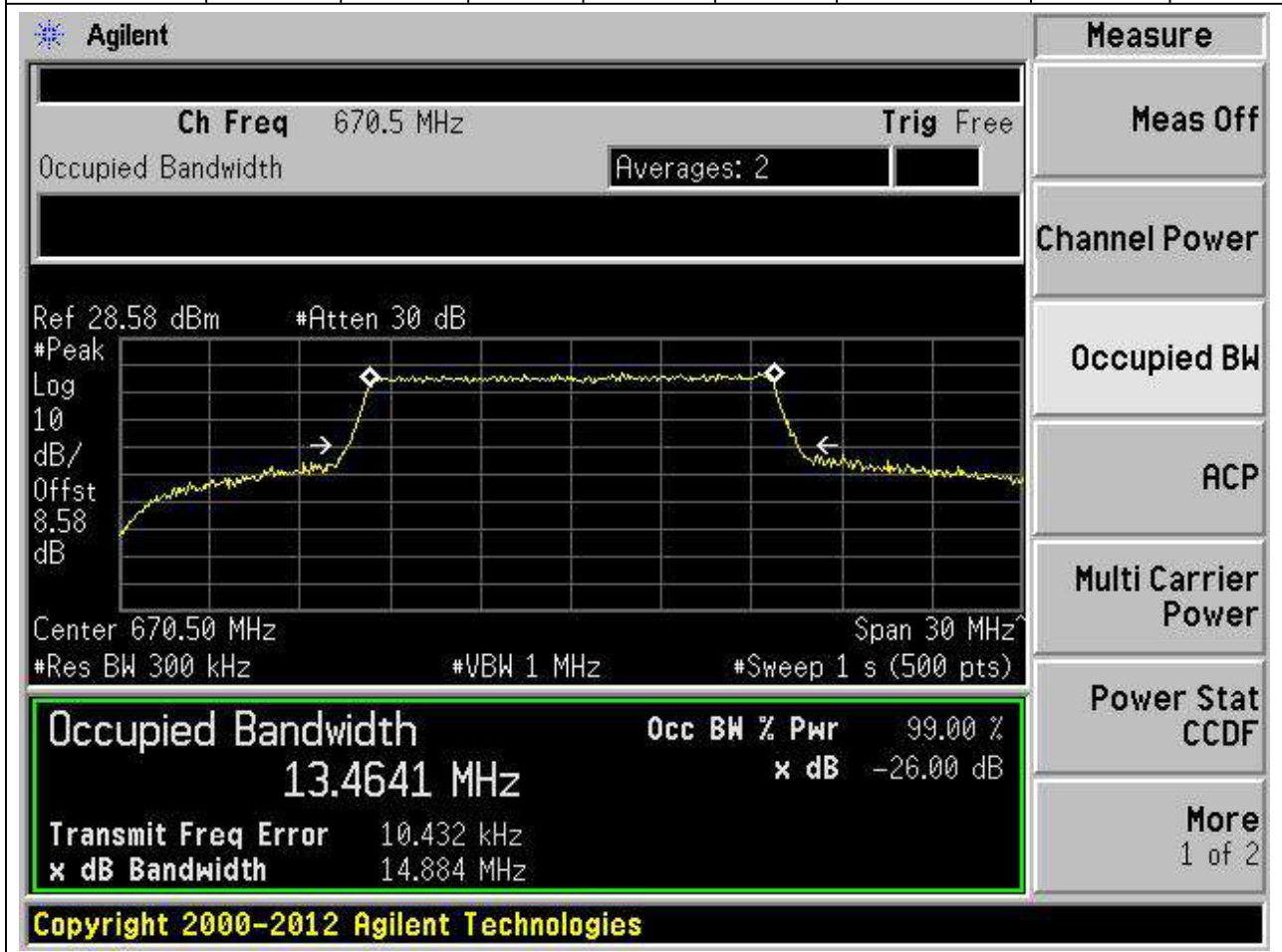
22.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:133197, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
670.5	99	26	0.3	Peak	13.493	14.992	15	Pass



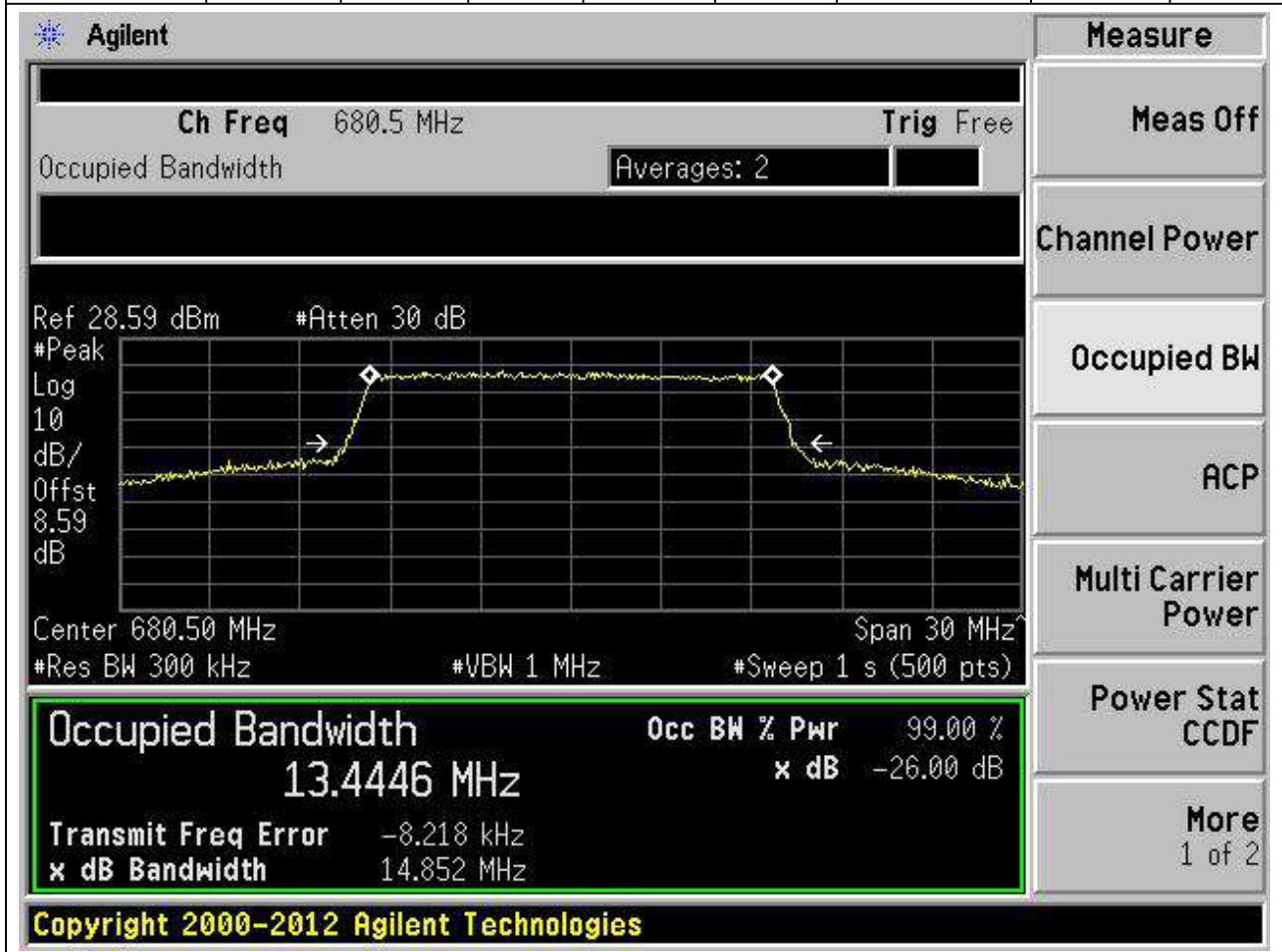
22.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:133197, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
670.5	99	26	0.3	Peak	13.464	14.884	15	Pass



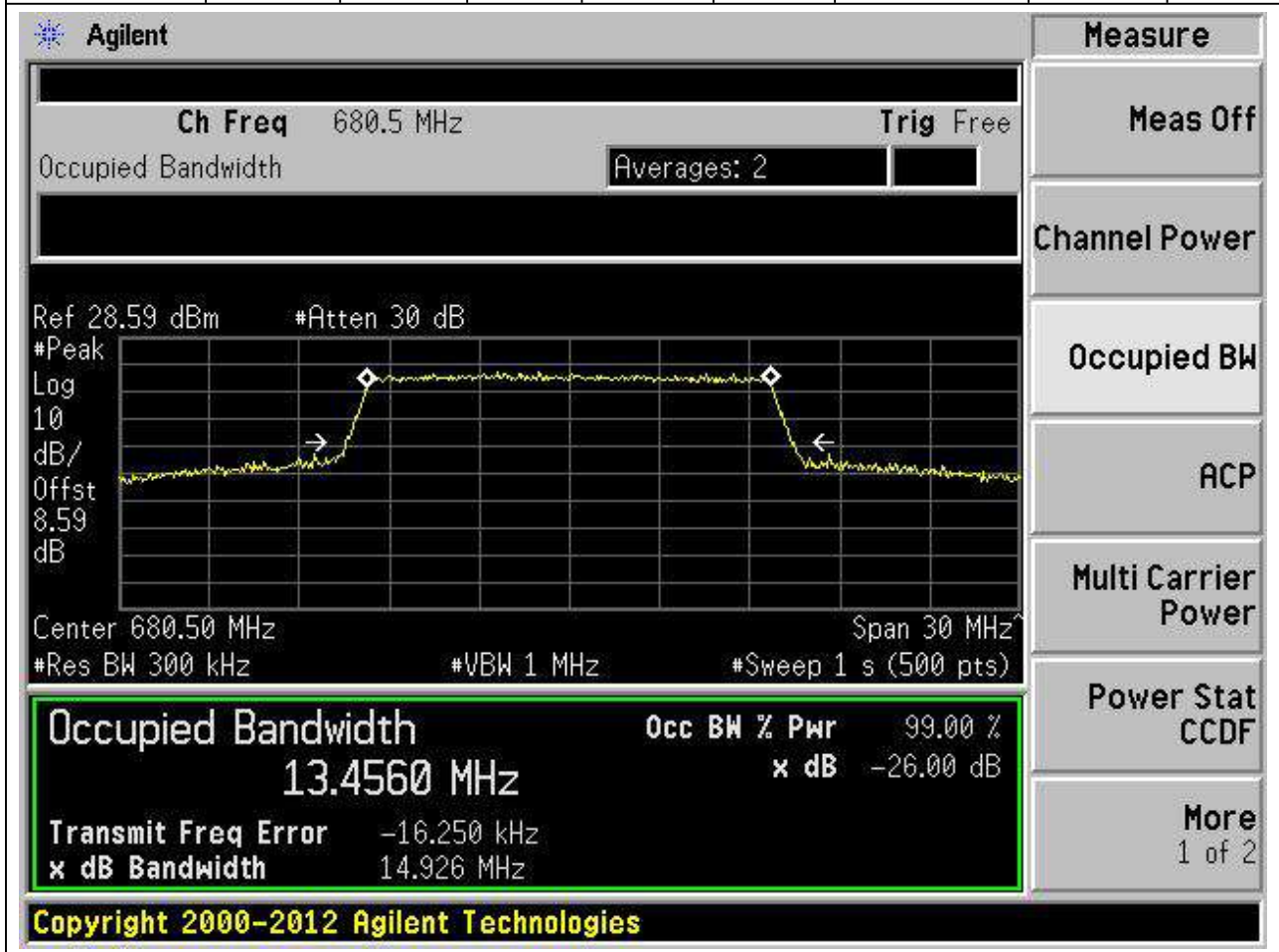
22.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:133297, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
680.5	99	26	0.3	Peak	13.445	14.852	15	Pass



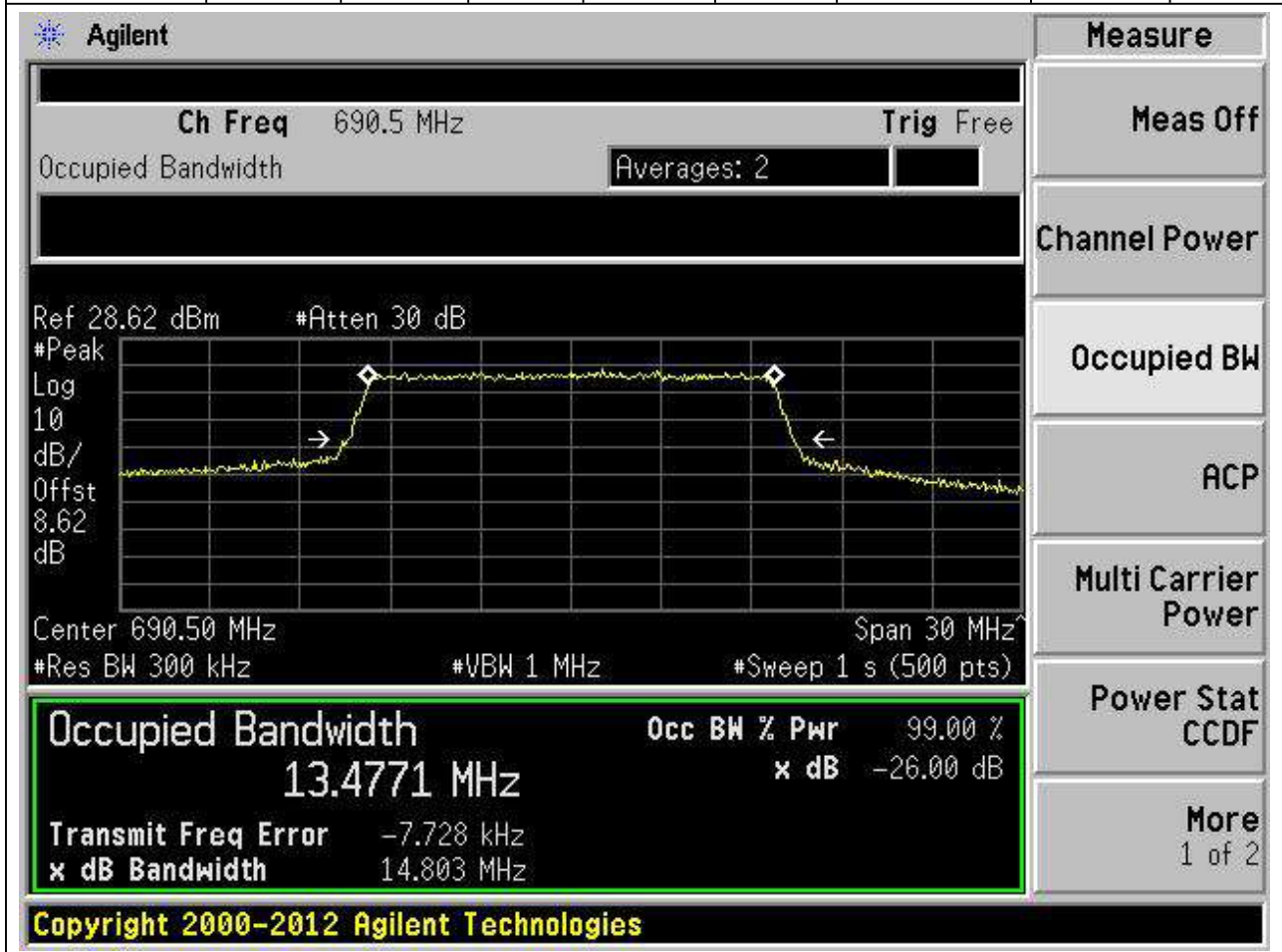
22.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:133297, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
680.5	99	26	0.3	Peak	13.456	14.926	15	Pass



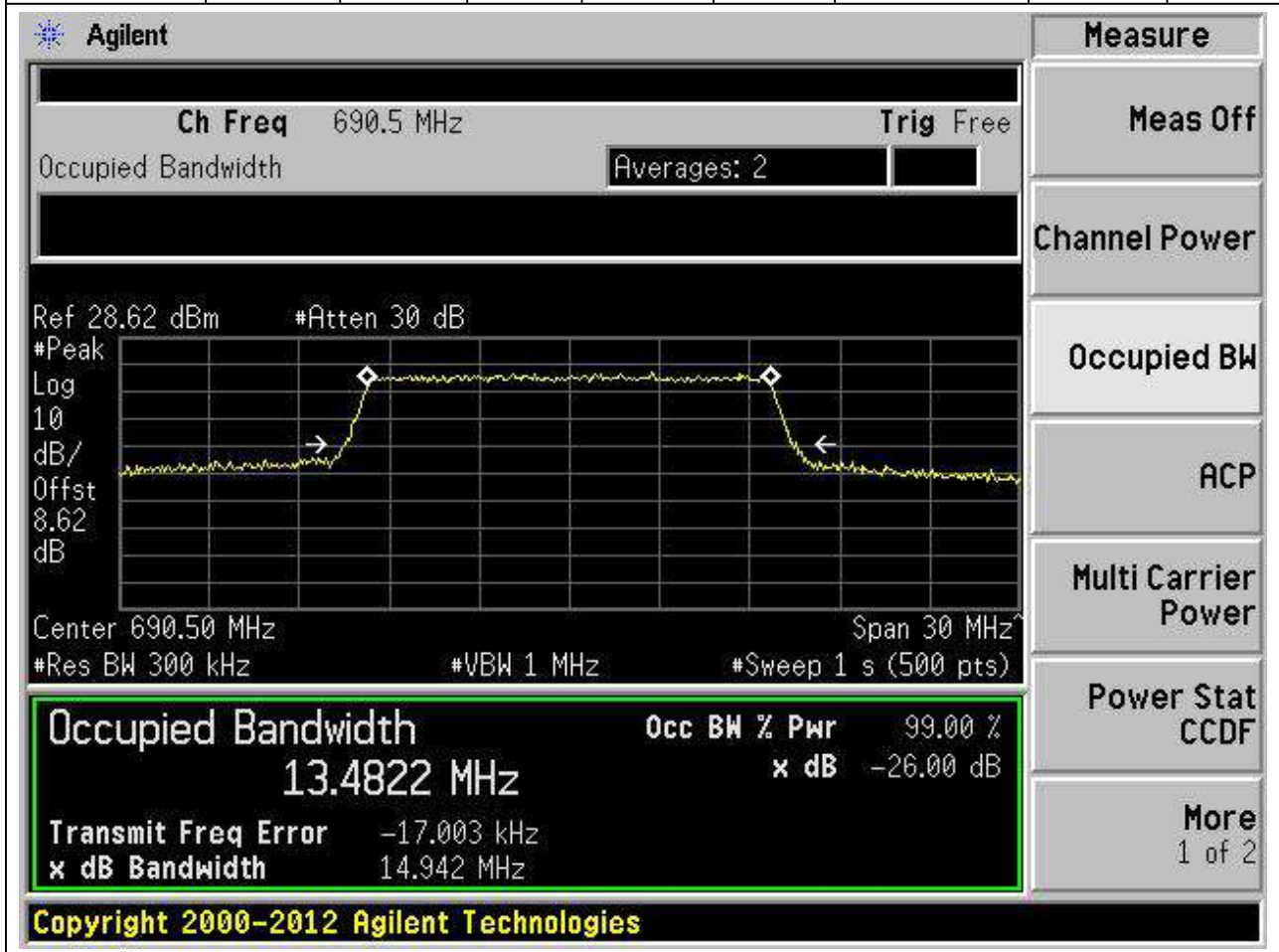
22.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:133397, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
690.5	99	26	0.3	Peak	13.477	14.803	15	Pass



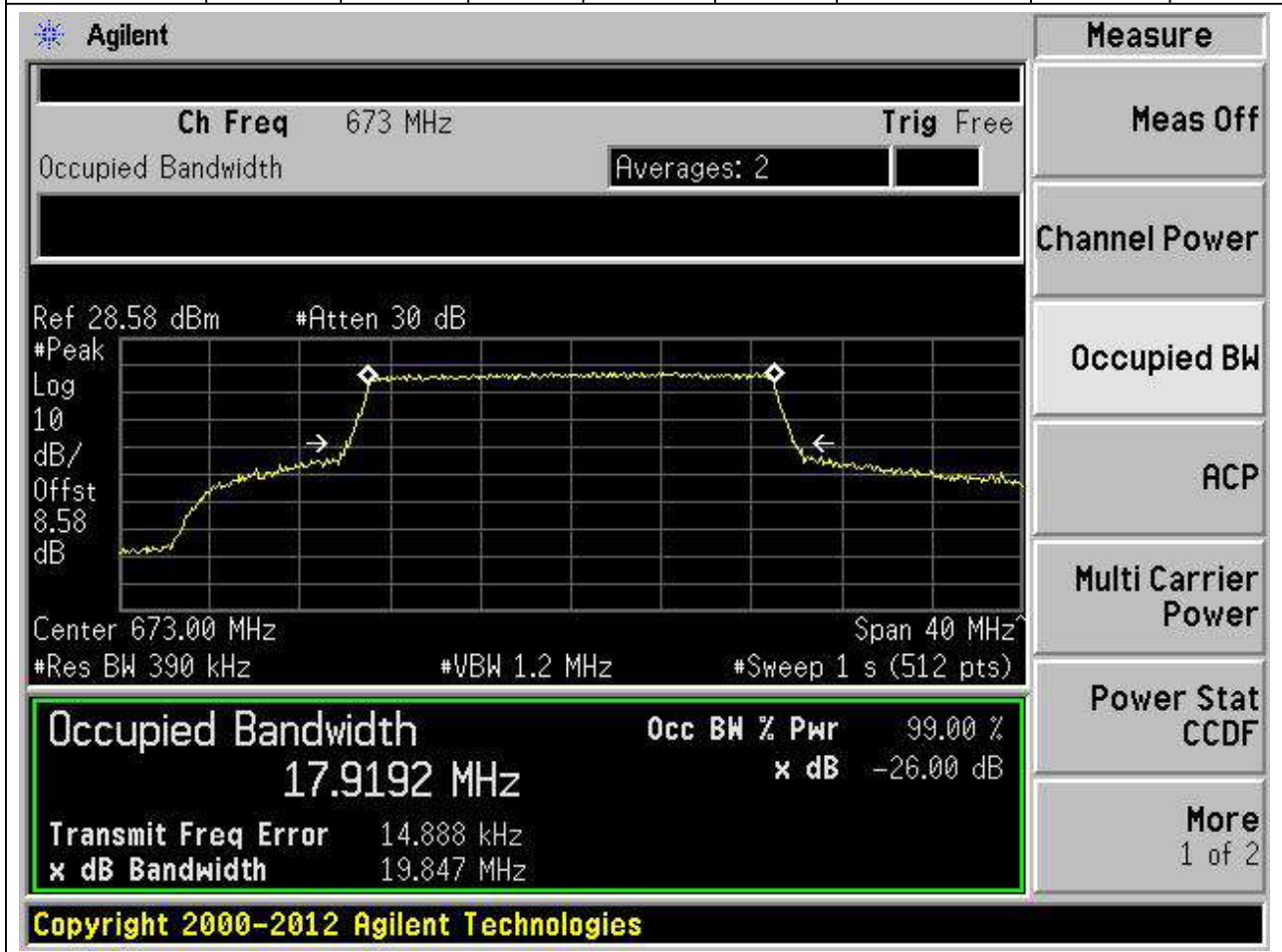
22.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:133397, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
690.5	99	26	0.3	Peak	13.482	14.942	15	Pass



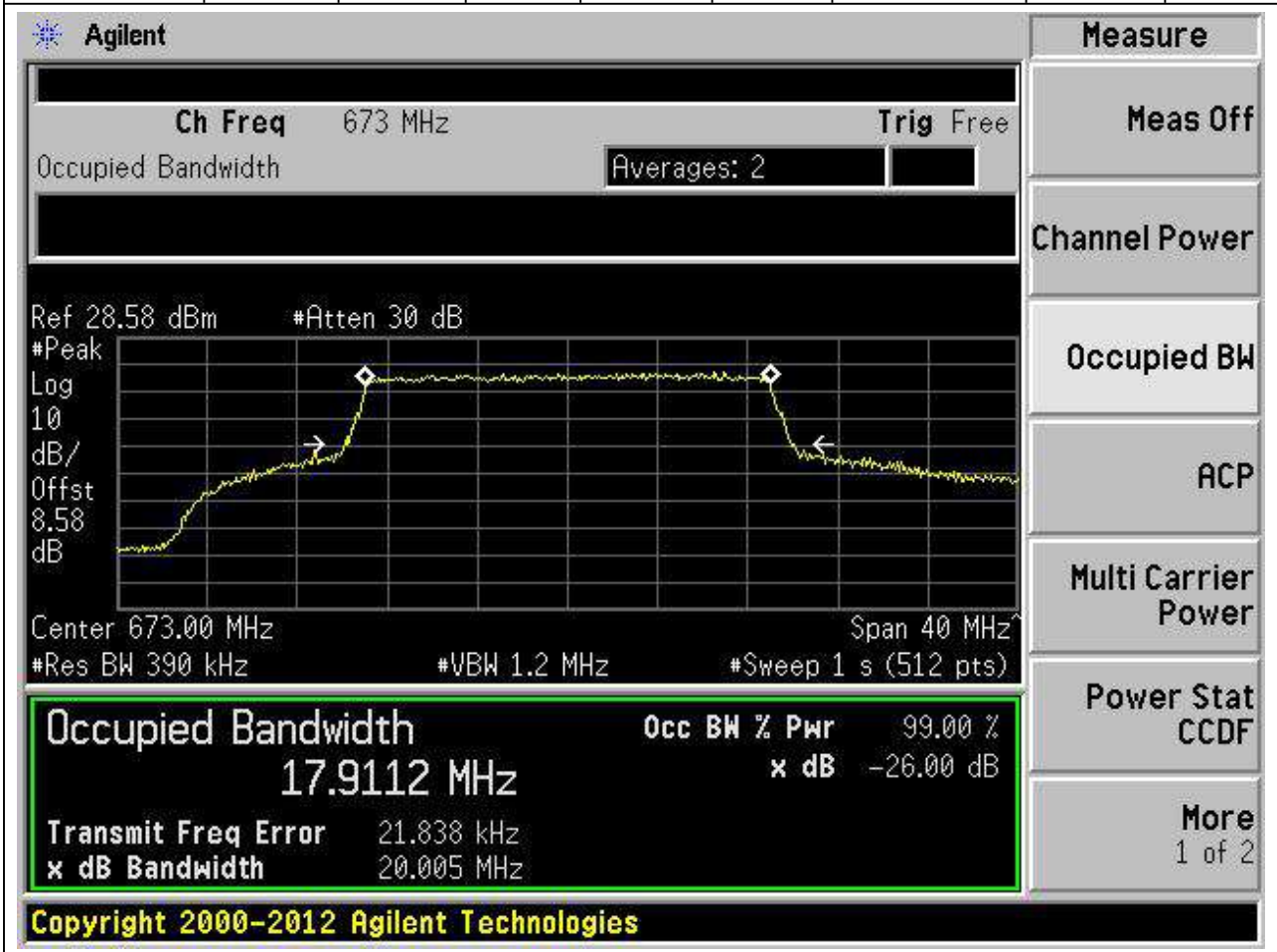
22.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:133222, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
673	99	26	0.39	Peak	17.919	19.847	20	Pass



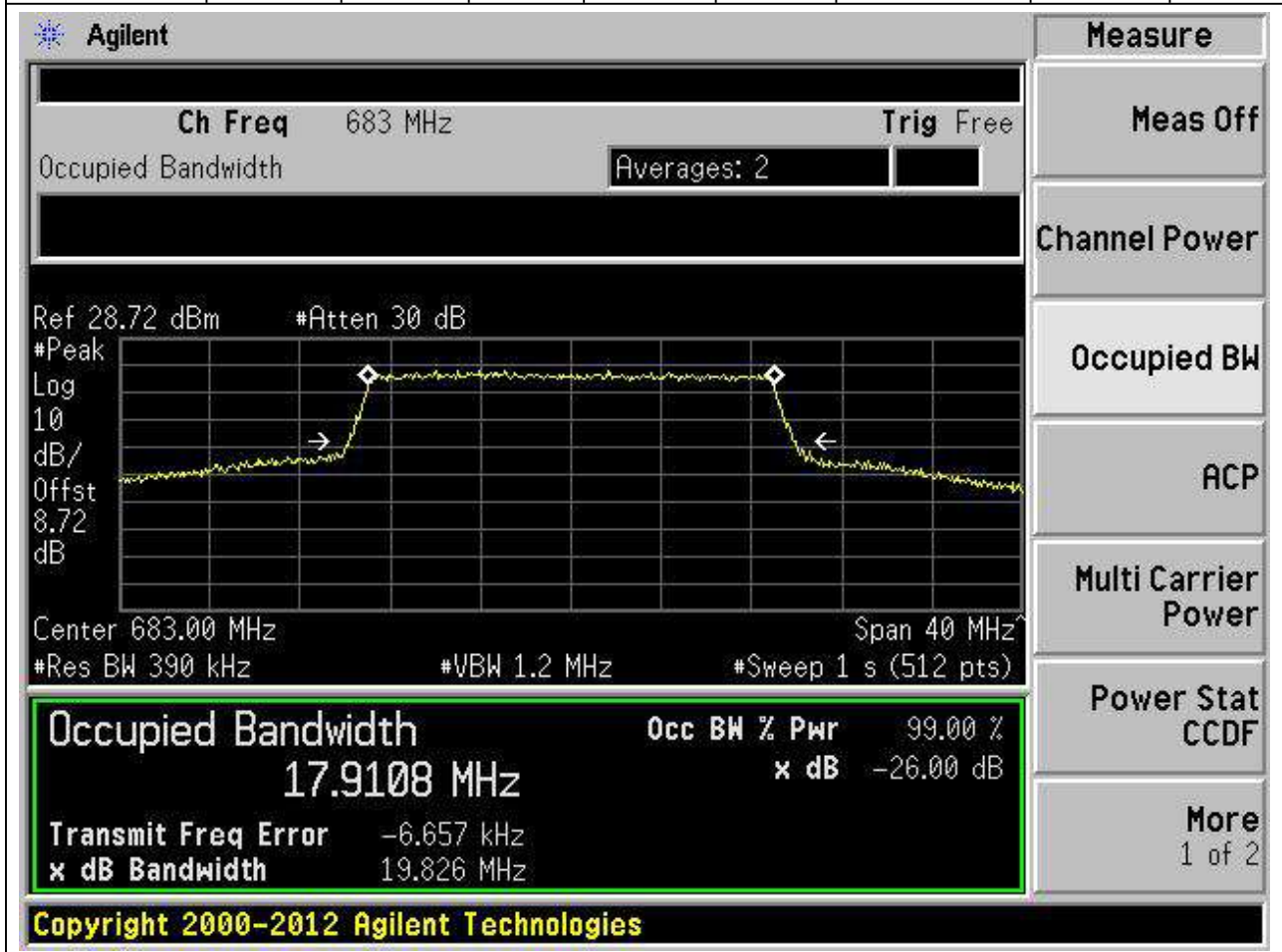
22.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:133222, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
673	99	26	0.39	Peak	17.911	20.005	20	Pass



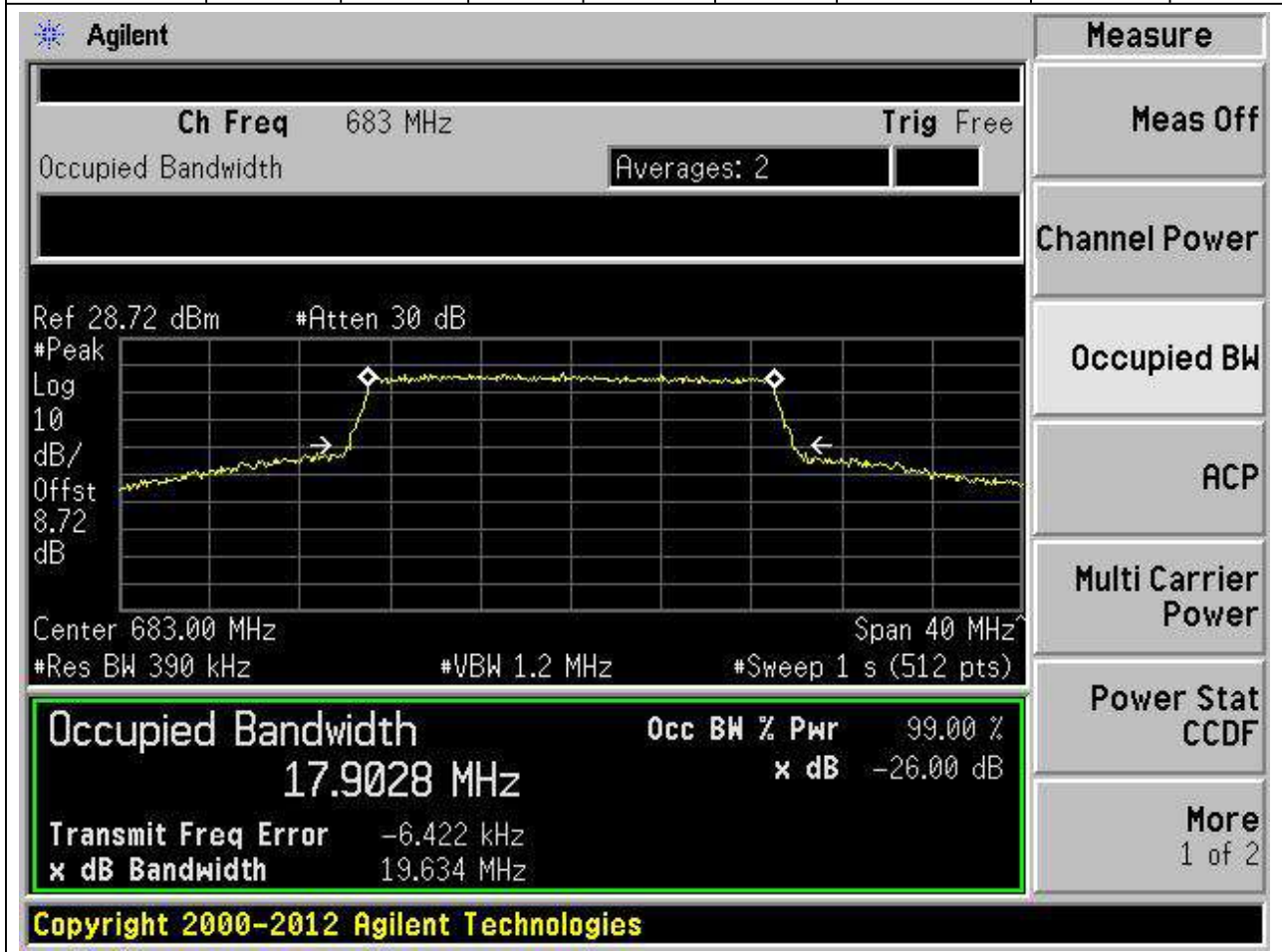
22.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:133322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
683	99	26	0.39	Peak	17.911	19.826	20	Pass



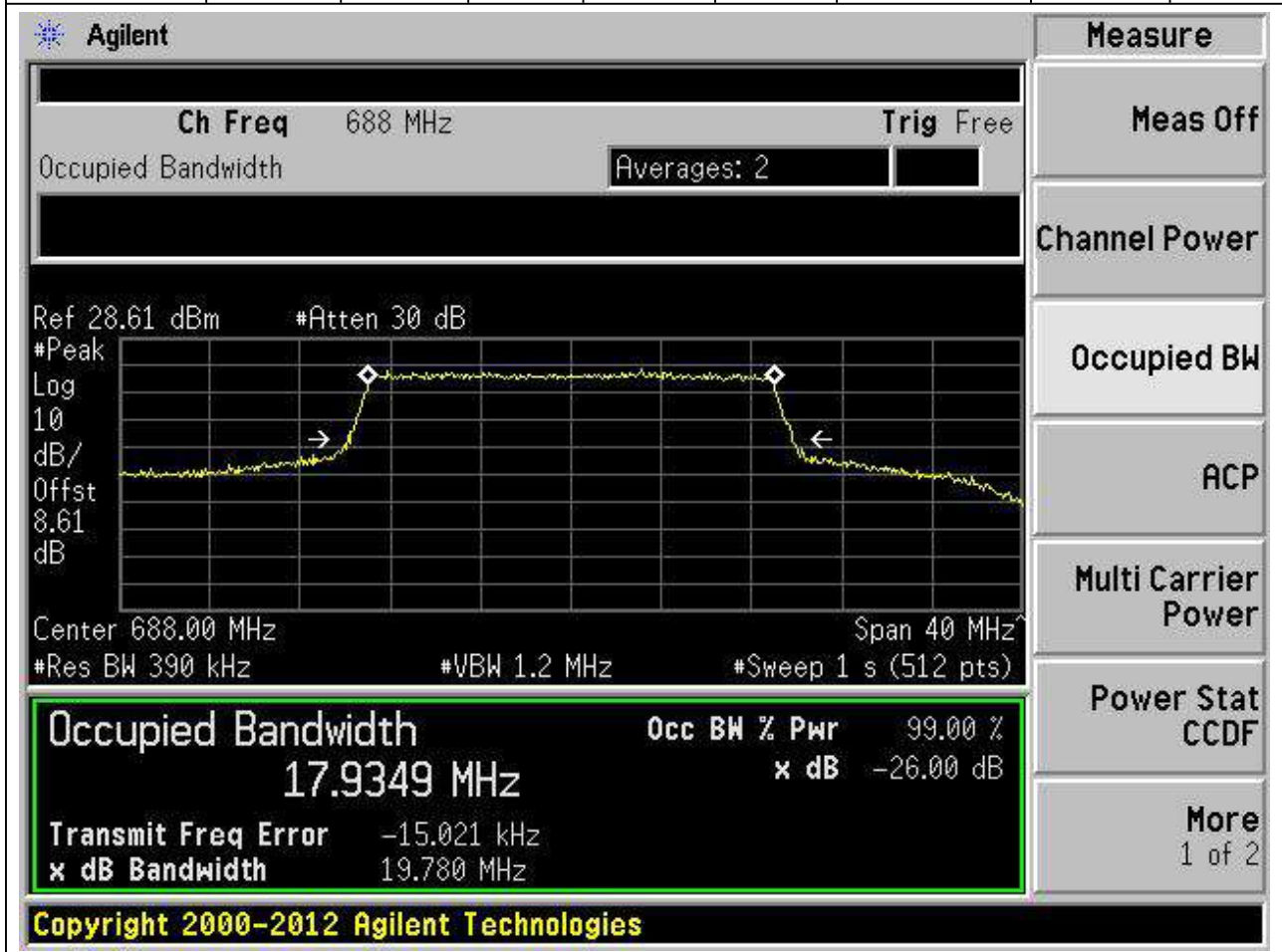
22.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:133322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
683	99	26	0.39	Peak	17.903	19.634	20	Pass



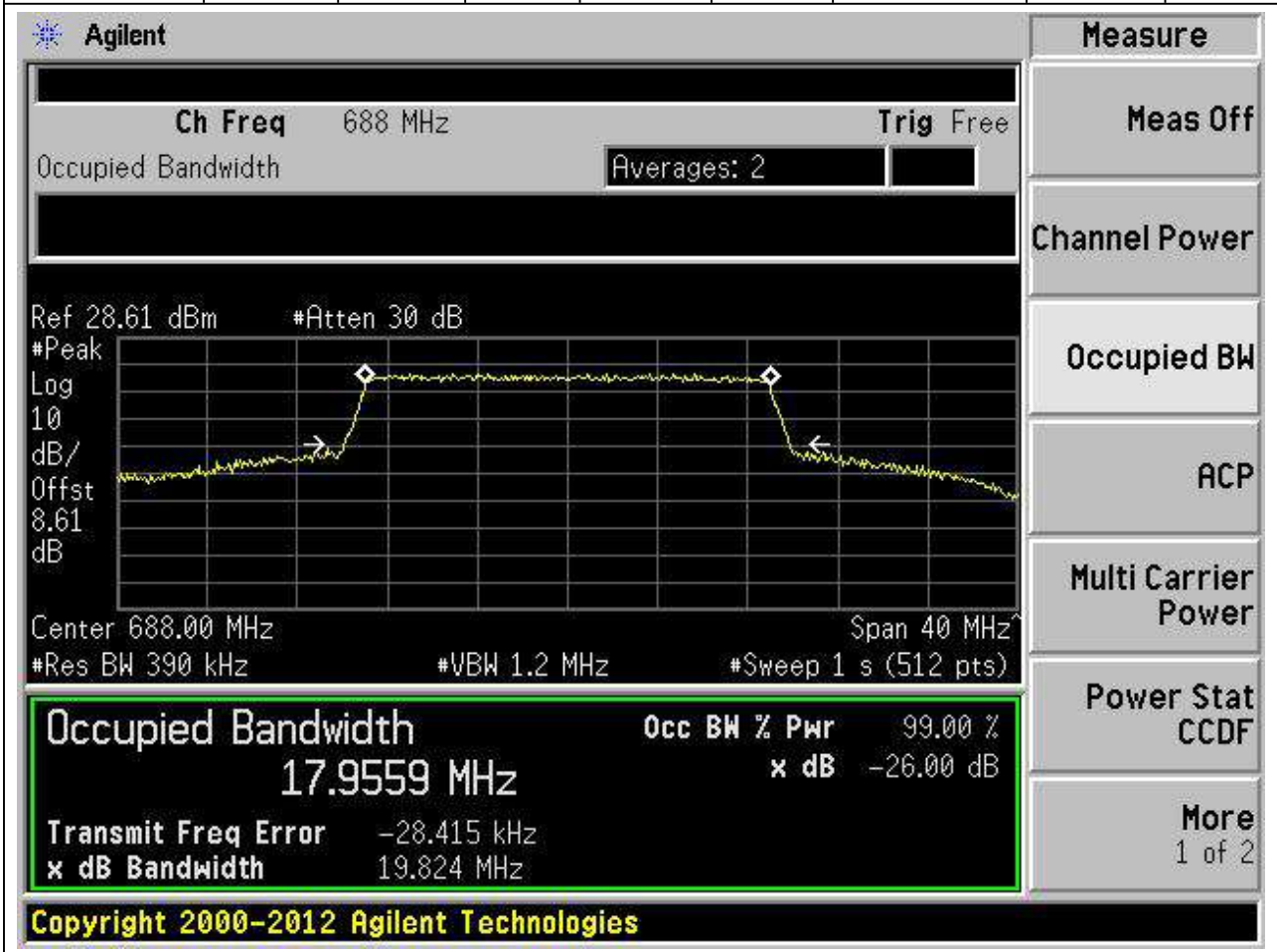
22.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:133372, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
688	99	26	0.39	Peak	17.935	19.78	20	Pass



22.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:133372, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

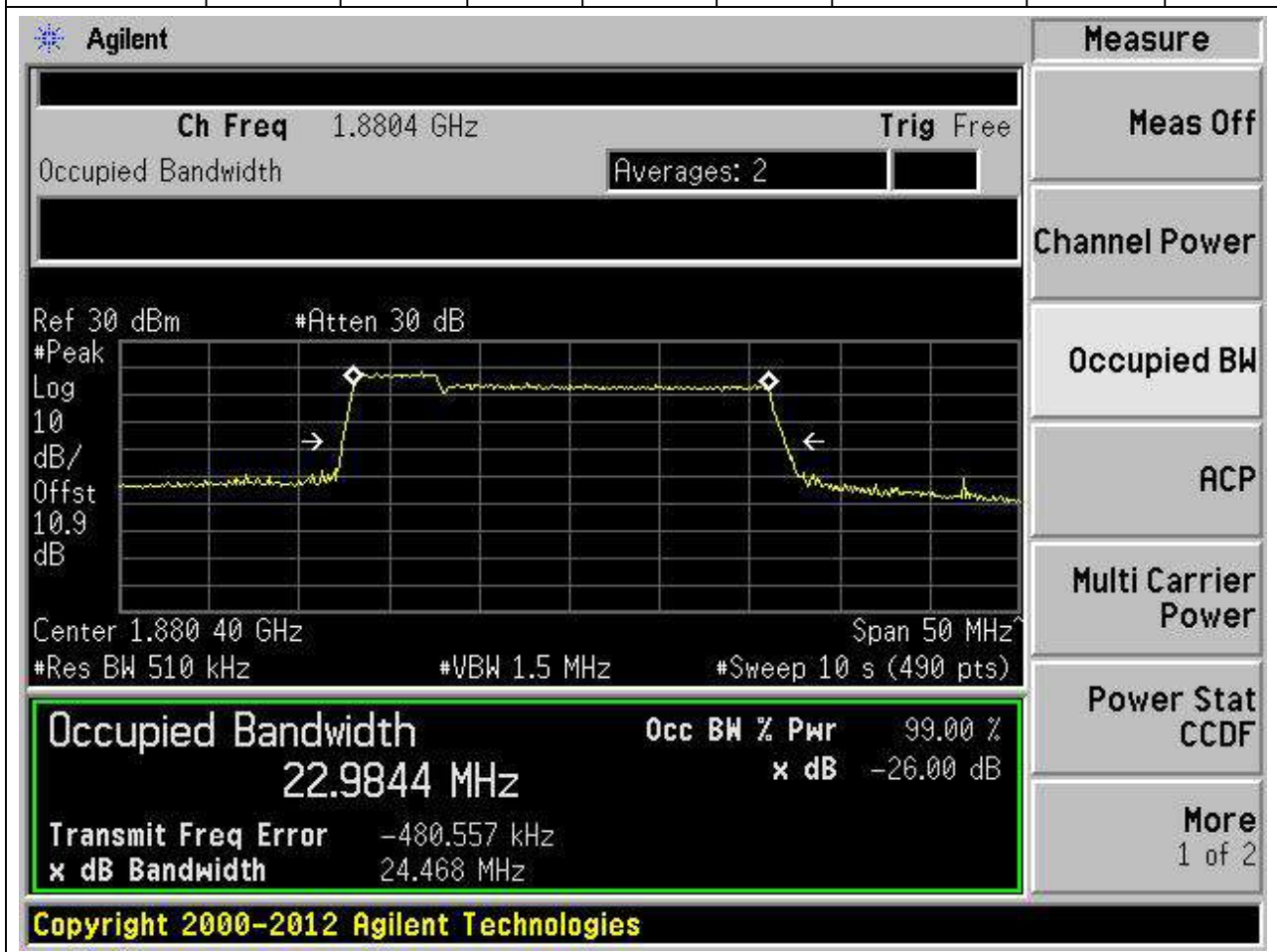
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
688	99	26	0.39	Peak	17.956	19.824	20	Pass



23. CA_2C

23.1. CA Occupied Bandwidth(NTNV)(Subtest:1, Channel:18808|18925, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.4	99	26	0.51	Peak	22.98	24.47	25	Pass



23.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:18808|18925, Bandwidth:5|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.4	99	26	0.51	Peak	22.92	24.5	25	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 1.8804 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.88040 GHz Span 50 MHz
 #Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
22.9241 MHz	x dB -26.00 dB
Transmit Freq Error	-484.851 kHz
x dB Bandwidth	24.498 MHz

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23.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:18875|18992, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.6	99	26	0.51	Peak	23.01	24.53	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.8796 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot has a center frequency of 1.87960 GHz and a span of 50 MHz. The y-axis is labeled 'Log 10 dB/Offst 10.9 dB'. The plot shows a signal with a peak at approximately 1.87960 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 23.0061 MHz. Other parameters shown include 'Occ BW % Pwr 99.00 %' and 'x dB -26.00 dB'. The 'Transmit Freq Error' is 473.592 kHz and the 'x dB Bandwidth' is 24.526 MHz. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

23.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:18875|18992, Bandwidth:20|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.6	99	26	0.51	Peak	22.96	24.41	25	Pass

Agilent
Measure

Ch Freq 1.8796 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.9

dB

Center 1.879 60 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.5 MHz
#Sweep 10 s (490 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

22.9582 MHz
x dB -26.00 dB

Transmit Freq Error 491.116 kHz

x dB Bandwidth 24.411 MHz

Power Stat CCDF

More 1 of 2

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23.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:18806|18950, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.3	99	26	0.62	Peak	27.91	29.9	30	Pass

Agilent
Measure

Ch Freq 1.8803 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.8803 GHz Span 60 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

27.9055 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -291.680 kHz

x dB Bandwidth 29.898 MHz

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23.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:18806|18950, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.3	99	26	0.62	Peak	27.86	29.88	30	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 1.8803 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.8803 GHz Span 60 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

27.8564 MHz x dB -26.00 dB

Transmit Freq Error -325.510 kHz

x dB Bandwidth 29.885 MHz

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23.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:18851|18995, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.8	99	26	0.62	Peak	27.87	29.93	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a peak at 1.8798 GHz. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 27.8671 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters shown include Transmit Freq Error (329.375 kHz) and x dB Bandwidth (29.934 MHz). The interface also includes a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

Occupied Bandwidth	Occ BW % Pwr	x dB
27.8671 MHz	99.00 %	-26.00 dB

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23.8. CA Occupied Bandwidth(NTNV)(Subtest:8, Channel:18851|18995, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.8	99	26	0.62	Peak	27.83	29.87	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

Measurement	Value
Occupied Bandwidth	27.8341 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	336.895 kHz
x dB Bandwidth	29.871 MHz

Other parameters shown in the interface include: Ch Freq 1.8798 GHz, Trig Free, Averages: 2, Ref 30 dBm, #Atten 30 dB, Center 1.879 80 GHz, Span 60 MHz, #Res BW 620 kHz, #VBW 1.8 MHz, #Sweep 10 s (483 pts).

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23.9. CA Occupied Bandwidth(NTNV)(Subtest:9, Channel:18829|18949, Bandwidth:10|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.15	99	26	0.51	Peak	23.19	24.99	25	Pass

Agilent
Measure

Ch Freq 1.88015 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.88015 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

23.1928 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -157.435 kHz

x dB Bandwidth 24.991 MHz

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23.10. CA Occupied Bandwidth(NTNV)(Subtest:10, Channel:18829|18949, Bandwidth:10|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.15	99	26	0.51	Peak	23.19	24.99	25	Pass

Agilent
Measure

Ch Freq 1.88015 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.88015 GHz Span 50 MHz
 #Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
23.1932 MHz	x dB -26.00 dB
Transmit Freq Error	-154.143 kHz
x dB Bandwidth	24.988 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

23.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:18851|18971, Bandwidth:15|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.85	99	26	0.51	Peak	23.19	25.03	25	Pass

Agilent
Measure

Ch Freq 1.87985 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.9

dB

Center 1.879 85 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.5 MHz
#Sweep 10 s (490 pts)

Occupied Bandwidth

23.1946 MHz

Transmit Freq Error 172.590 kHz

x dB Bandwidth 25.025 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Power Stat CCDF
More 1 of 2

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23.12. CA Occupied Bandwidth(NTNV)(Subtest:12, Channel:18851|18971, Bandwidth:15|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.85	99	26	0.51	Peak	23.19	25.02	25	Pass

Agilent
Measure

Ch Freq 1.87985 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.879 85 GHz Span 50 MHz
#Res BW 510 kHz #VBW 1.5 MHz #Sweep 10 s (490 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

23.1897 MHz x dB -26.00 dB

Transmit Freq Error 173.211 kHz

x dB Bandwidth 25.019 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

23.13. CA Occupied Bandwidth(NTNV)(Subtest:13, Channel:18825|18975, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.62	Peak	28.45	30.63	30	Pass

Agilent
Measure

Ch Freq 1.88 GHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 00 GHz Span 60 MHz
#Res BW 620 kHz #VBW 1.8 MHz #Sweep 10 s (483 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

28.4545 MHz x dB -26.00 dB

Transmit Freq Error 24.148 kHz

x dB Bandwidth 30.626 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

23.14. CA Occupied Bandwidth(NTNV)(Subtest:14, Channel:18825|18975, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.62	Peak	28.45	30.65	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 1.88 GHz and a span of 60 MHz. The vertical axis is labeled 'Log 10 dB/Offst 10.9 dB'. The horizontal axis is labeled 'Center 1.880 00 GHz' and 'Span 60 MHz'. The plot shows a signal with a peak at approximately 1.88 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 28.4505 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 27.484 kHz and the 'x dB Bandwidth' is 30.652 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
28.4505 MHz	99.00 %	-26.00 dB

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23.15. CA Occupied Bandwidth(NTNV)(Subtest:15, Channel:18803|18974, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.1	99	26	0.68	Peak	32.73	35.18	35	Pass

Agilent

Measure
Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More
1 of 2

Ch Freq 1.8801 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.880 10 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7344 MHz	x dB	-26.00 dB
Transmit Freq Error	-140.762 kHz	
x dB Bandwidth	35.178 MHz	

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23.16. CA Occupied Bandwidth(NTNV)(Subtest:16, Channel:18803|18974, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880.1	99	26	0.68	Peak	32.71	35.16	35	Pass

Agilent
Measure

Ch Freq 1.8801 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.9 dB

Center 1.88010 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7146 MHz	x dB	-26.00 dB
Transmit Freq Error	-136.212 kHz	
x dB Bandwidth	35.161 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

23.17. CA Occupied Bandwidth(NTNV)(Subtest:17, Channel:18826|18997, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.9	99	26	0.68	Peak	32.73	35.19	35	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 1.8799 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.879 90 GHz Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
32.7337 MHz	x dB	-26.00 dB
Transmit Freq Error	188.044 kHz	
x dB Bandwidth	35.195 MHz	

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23.18. CA Occupied Bandwidth(NTNV)(Subtest:18, Channel:18826|18997, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1879.9	99	26	0.68	Peak	32.72	35.08	35	Pass

Agilent
Measure

Ch Freq 1.8799 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
10.9

dB

Center 1.879 90 GHz
Span 70 MHz

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

Occupied Bandwidth

32.7224 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 184.271 kHz

x dB Bandwidth 35.076 MHz

Power Stat CCDF
More 1 of 2

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23.19. CA Occupied Bandwidth(NTNV)(Subtest:19, Channel:18801|18999, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.82	Peak	37.69	40.47	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.88 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', 'Log', '10 dB/Offst', and '10.9 dB'. The plot shows a signal with a peak at approximately 1.88 GHz. Below the plot, the following parameters are displayed: 'Center 1.880 00 GHz', 'Span 80 MHz', '#Res BW 820 kHz', '#VBW 2.4 MHz', and '#Sweep 10 s (487 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 37.6942 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error 41.785 kHz' and 'x dB Bandwidth 40.465 MHz'. On the right side, there is a 'Measure' menu with options: 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. At the bottom, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible.

23.20. CA Occupied Bandwidth(NTNV)(Subtest:20, Channel:18801|18999, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.82	Peak	37.66	40.46	40	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 1.88 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

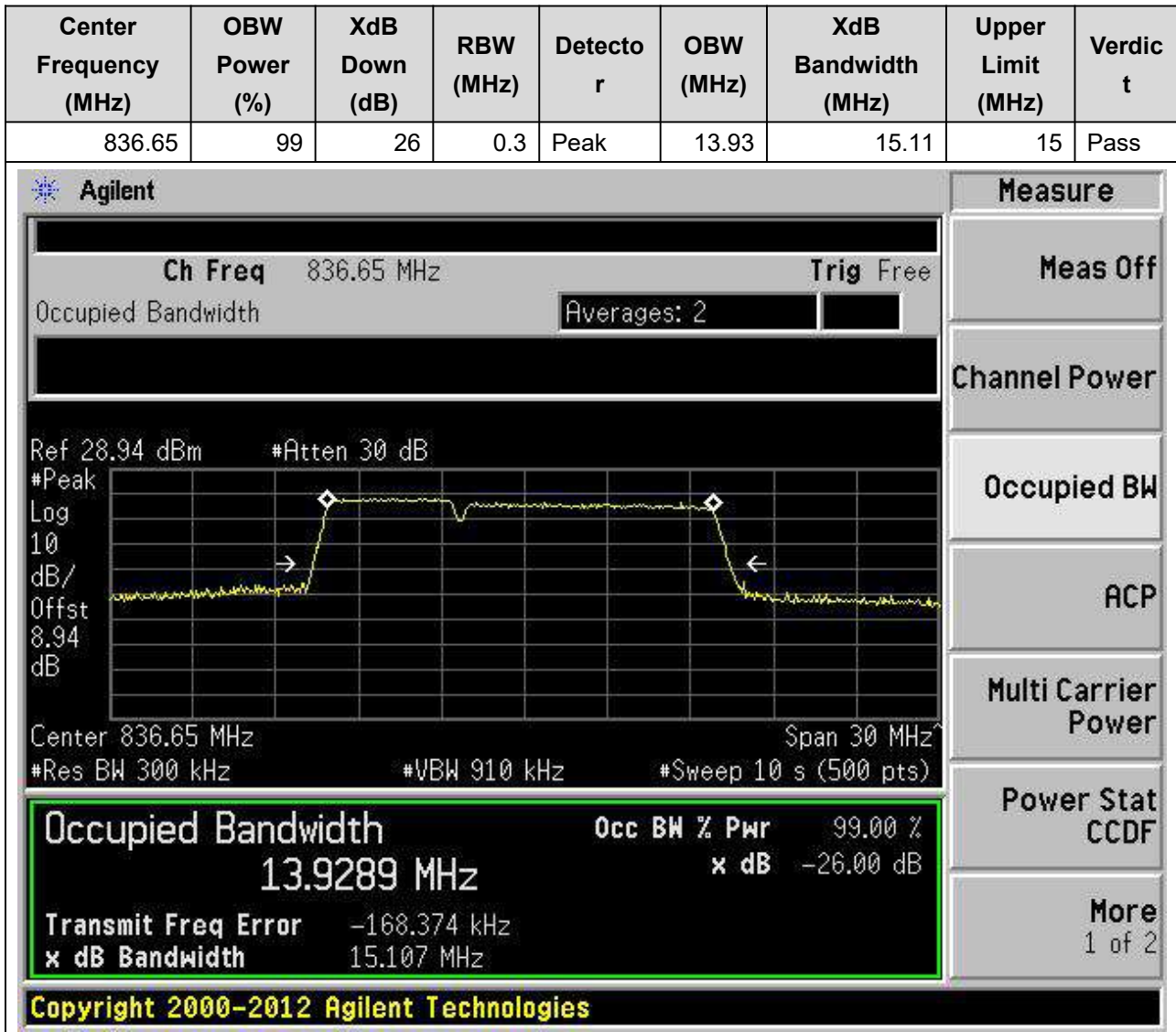
Center 1.880 00 GHz Span 80 MHz
 #Res BW 820 kHz #VBW 2.4 MHz #Sweep 10 s (487 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
37.6557 MHz	x dB -26.00 dB
Transmit Freq Error 51.223 kHz	
x dB Bandwidth 40.461 MHz	

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24. CA_5B

24.1. CA Occupied Bandwidth(NTNV)(Subtest:1, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



24.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.65	99	26	0.3	Peak	13.91	15.04	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows the channel frequency (836.65 MHz) and trigger mode (Free). The main display area shows a spectrum plot with a yellow trace representing the signal. The plot includes a reference level of 28.94 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted with a green box, showing a value of 13.9074 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB down is -26.00 dB. Other parameters shown include Transmit Freq Error (-170.051 kHz) and x dB Bandwidth (15.040 MHz). The interface also features a 'Measure' menu on the right with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

Occupied Bandwidth	Occ BW % Pwr	x dB
13.9074 MHz	99.00 %	-26.00 dB

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24.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.35	99	26	0.3	Peak	13.94	15.07	15	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 836.35 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.94 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.94 dB

Center 836.35 MHz Span 30 MHz

#Res BW 300 kHz #VBW 910 kHz #Sweep 10 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.9432 MHz	x dB	-26.00 dB
Transmit Freq Error	154.822 kHz	
x dB Bandwidth	15.074 MHz	

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24.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.35	99	26	0.3	Peak	13.91	15.05	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 836.35 MHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a logarithmic scale (Log) with a resolution bandwidth (Res BW) of 300 kHz and a video bandwidth (VBW) of 910 kHz. The center frequency is 836.35 MHz, and the span is 30 MHz. The occupied bandwidth is measured as 13.9106 MHz, which is 99.00% of the 15.046 MHz bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 157.794 kHz. The interface also shows various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.9106 MHz	x dB	-26.00 dB
Transmit Freq Error	157.794 kHz	
x dB Bandwidth	15.046 MHz	

24.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.55	99	26	0.39	Peak	18.86	20.25	20	Pass

Agilent
Measure

Ch Freq 836.55 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.94 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.94

dB

Center 836.55 MHz Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
18.8582 MHz	x dB -26.00 dB
Transmit Freq Error	-9.492 kHz
x dB Bandwidth	20.248 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

24.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.55	99	26	0.39	Peak	18.81	20.32	20	Pass

Agilent
Measure

Ch Freq 836.55 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.94 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.94

dB

Center 836.55 MHz
Span 40 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

18.8148 MHz
x dB -26.00 dB

Transmit Freq Error -19.737 kHz

x dB Bandwidth 20.323 MHz

Power Stat CCDF

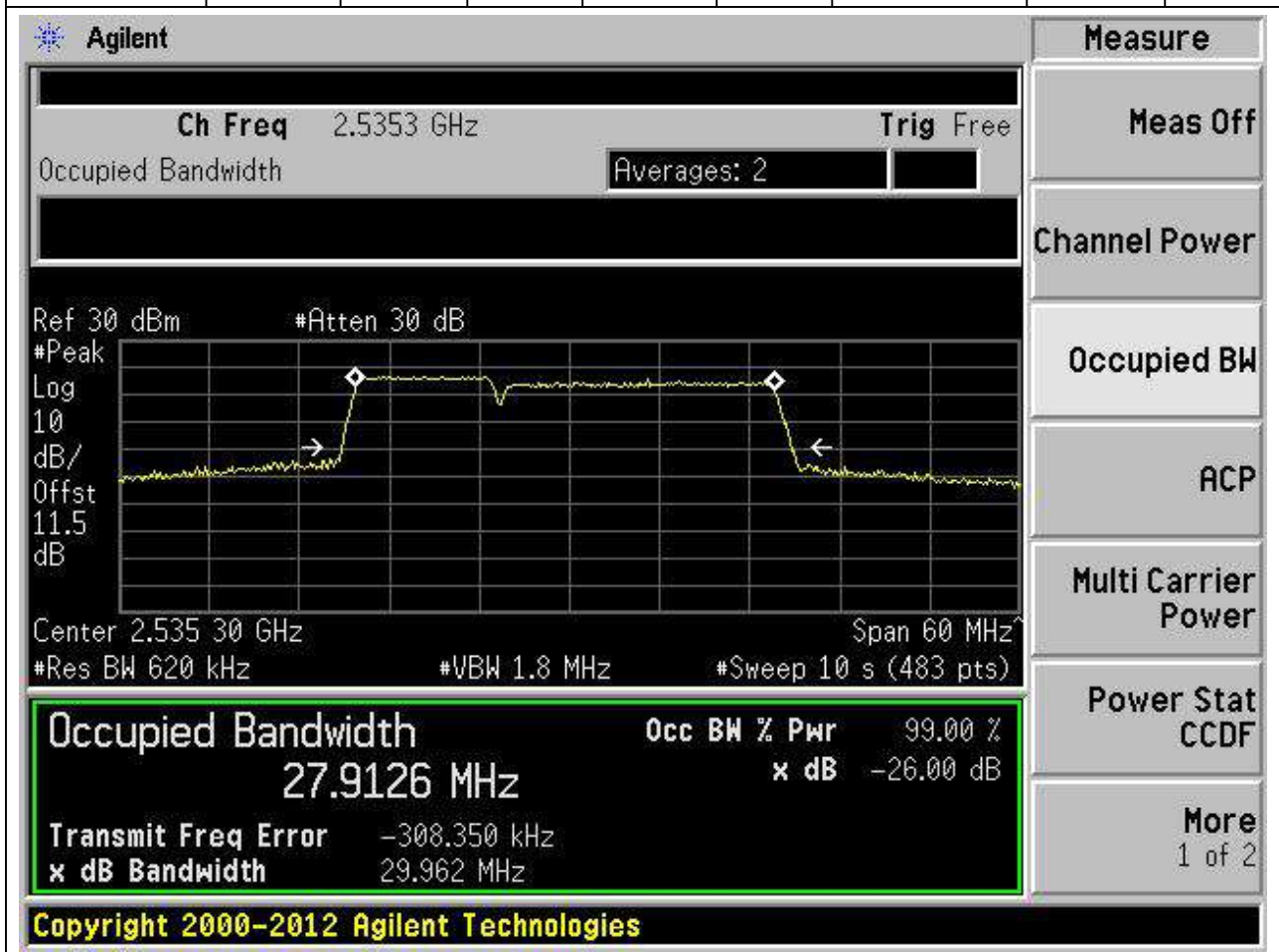
More 1 of 2

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25. CA_7C

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.91	29.96	30	Pass



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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.89	29.9	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.5353 GHz. The Occupied Bandwidth is measured as 27.8856 MHz. The measurement parameters include a resolution bandwidth (RBW) of 620 kHz, a video bandwidth (VBW) of 1.8 MHz, and a sweep time of 10 seconds. The signal is measured with a 30 dB attenuator and a 30 dBm reference power. The measurement results are summarized in the following table:

Measurement	Value
Occupied Bandwidth	27.8856 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-312.943 kHz
x dB Bandwidth	29.904 MHz

The interface also shows a 'Measure' menu on the right with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2). The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

25.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.9	29.88	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.5348 GHz. The Occupied Bandwidth is measured as 27.9015 MHz, which is 99.00% of the channel bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is 315.654 kHz, and the XdB Bandwidth is 29.882 MHz. The interface includes various measurement controls and a 'Measure' menu on the right.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
27.9015 MHz	x dB	-26.00 dB
Transmit Freq Error	315.654 kHz	
x dB Bandwidth	29.882 MHz	

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25.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.86	29.85	30	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 2.5348 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.53480 GHz Span 60 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
27.8595 MHz	x dB -26.00 dB
Transmit Freq Error 318.000 kHz	
x dB Bandwidth 29.848 MHz	

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25.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.48	30.72	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 60 MHz. The occupied bandwidth is highlighted in green, showing a value of 28.4773 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface also shows various measurement settings and a list of available measurement functions on the right side.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
28.4773 MHz		x dB	-26.00 dB
Transmit Freq Error	18.129 kHz		
x dB Bandwidth	30.722 MHz		

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25.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.5	30.63	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.535 GHz. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 28.4955 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters include Transmit Freq Error of 363.647 Hz and x dB Bandwidth of 30.632 MHz. The interface also shows various measurement options on the right side, such as Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

Occupied Bandwidth	Occ BW % Pwr	x dB
28.4955 MHz	99.00 %	-26.00 dB

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25.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.8	35.11	35	Pass

Agilent
Measure

Ch Freq 2.5351 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.535 10 GHz
Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.7959 MHz	x dB -26.00 dB
Transmit Freq Error	-156.539 kHz
x dB Bandwidth	35.112 MHz

Power Stat CCDF
More

1 of 2

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25.8. CA Occupied Bandwidth(NTNV)(Subtest:8, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.81	35.17	35	Pass

Agilent
Measure

Ch Freq 2.5351 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB

Center 2.535 10 GHz
Span 70 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
32.8097 MHz	x dB -26.00 dB
Transmit Freq Error	-169.201 kHz
x dB Bandwidth	35.166 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

25.9. CA Occupied Bandwidth(NTNV)(Subtest:9, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.8	35.16	35	Pass

Agilent
Measure

Ch Freq 2.5349 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.53490 GHz Span 70 MHz
#Res BW 680 kHz #VBW 2 MHz #Sweep 10 s (514 pts)

Occupied Bandwidth

32.7951 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 156.953 kHz

x dB Bandwidth 35.156 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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25.10. CA Occupied Bandwidth(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.77	35.11	35	Pass

Agilent
Measure

Ch Freq 2.5349 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.53490 GHz Span 70 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

32.7735 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 147.398 kHz

x dB Bandwidth 35.111 MHz

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25.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.81	40.44	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.535 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a logarithmic scale (Log) with a resolution bandwidth (Res BW) of 820 kHz and a video bandwidth (VBW) of 2.4 MHz. The signal level is approximately 11.5 dB above the noise floor. The occupied bandwidth is measured as 37.8094 MHz, which is 99.00% of the 38 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 1.784 kHz. The dB bandwidth is 40.439 MHz. The interface also shows various measurement options on the right side, such as Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

Occupied Bandwidth	Occ BW % Pwr	x dB
37.8094 MHz	99.00 %	-26.00 dB

Transmit Freq Error: 1.784 kHz
 x dB Bandwidth: 40.439 MHz

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25.12. CA Occupied Bandwidth(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.74	40.47	40	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
 1 of 2

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.535 00 GHz Span 80 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.7411 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.537 kHz	
x dB Bandwidth	40.465 MHz	

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26. CA_38C

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	28.44	30.55	30	Pass

