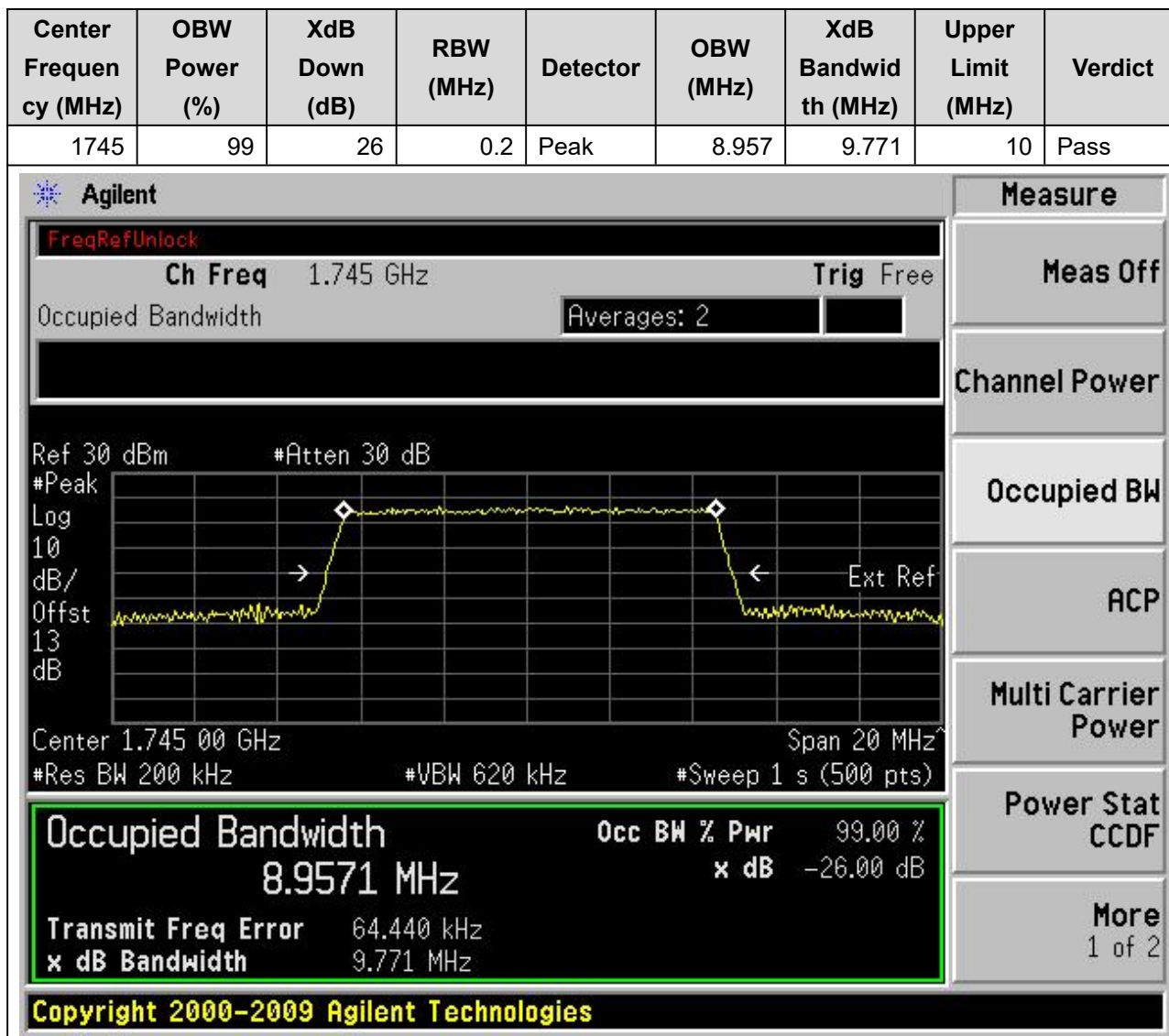
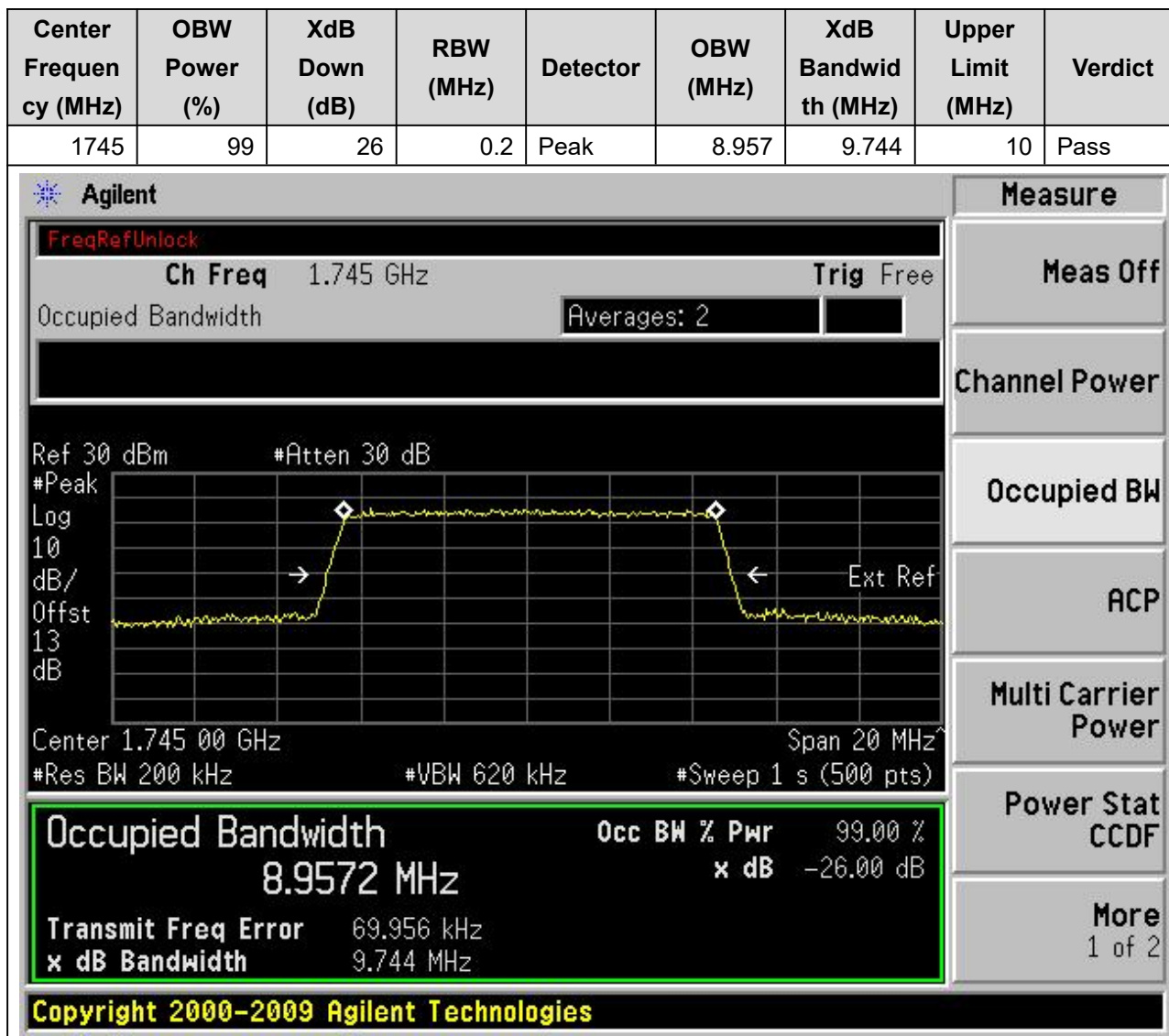


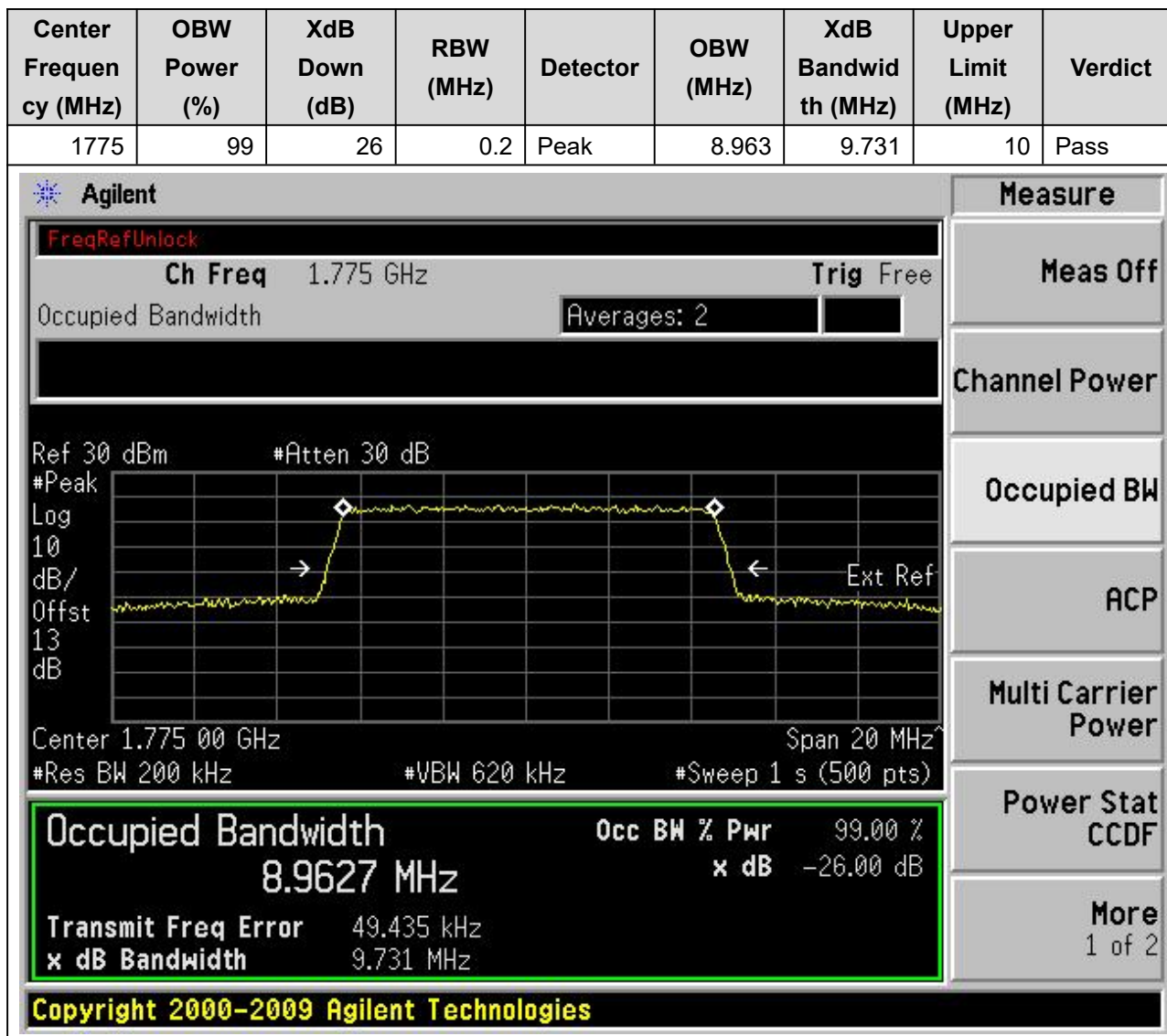
18.21 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



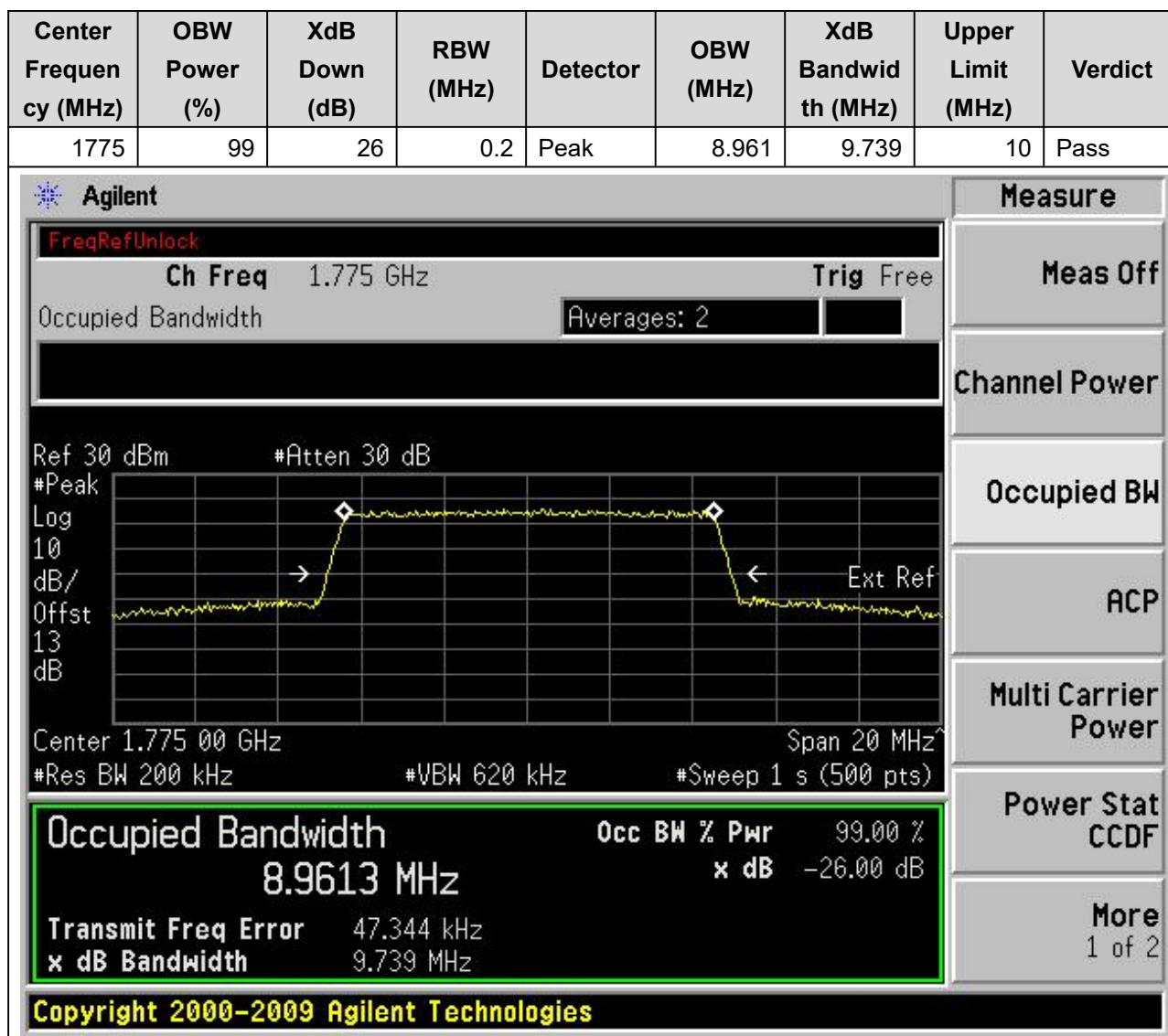
18.22 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



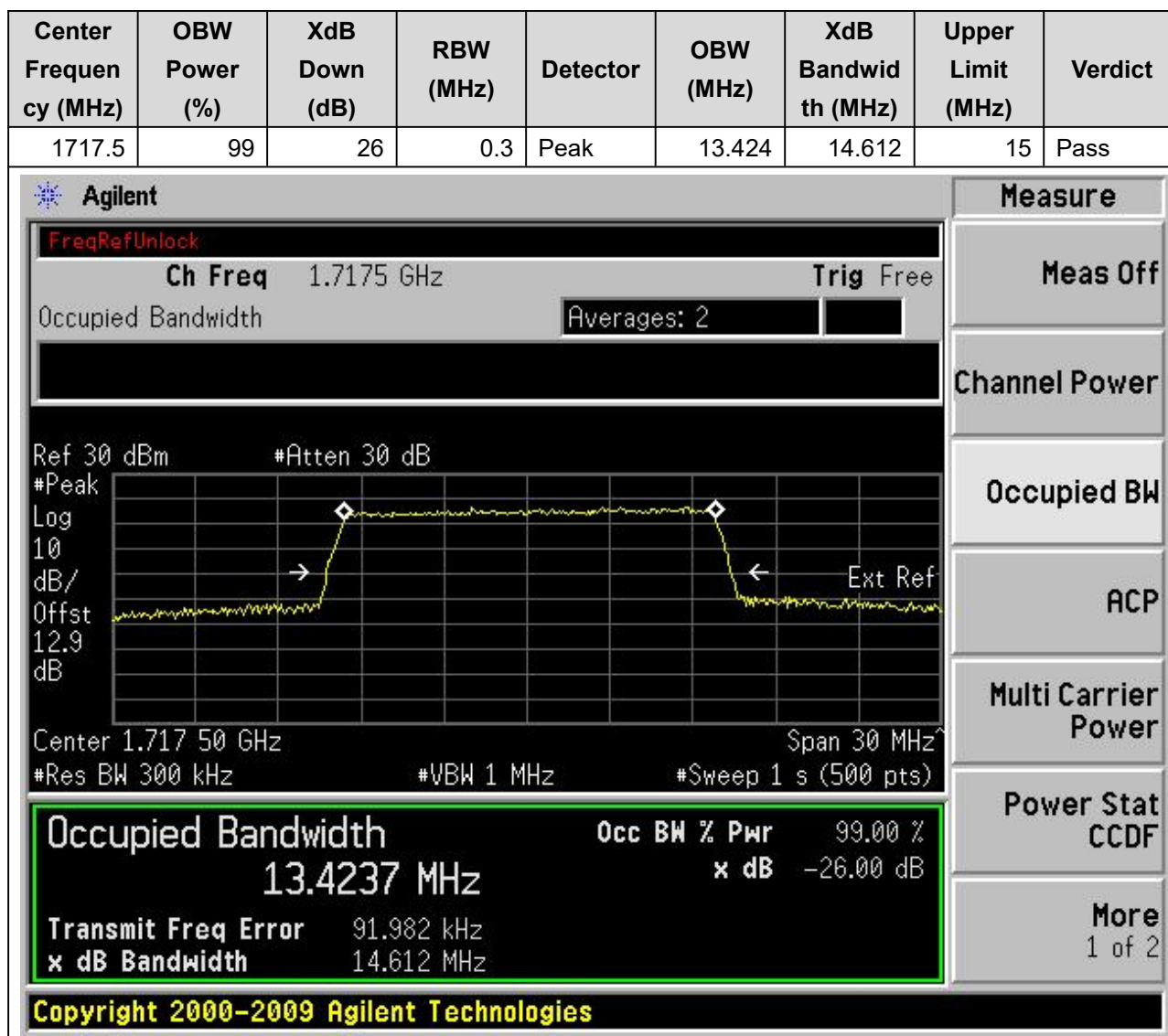
18.23 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



18.24 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

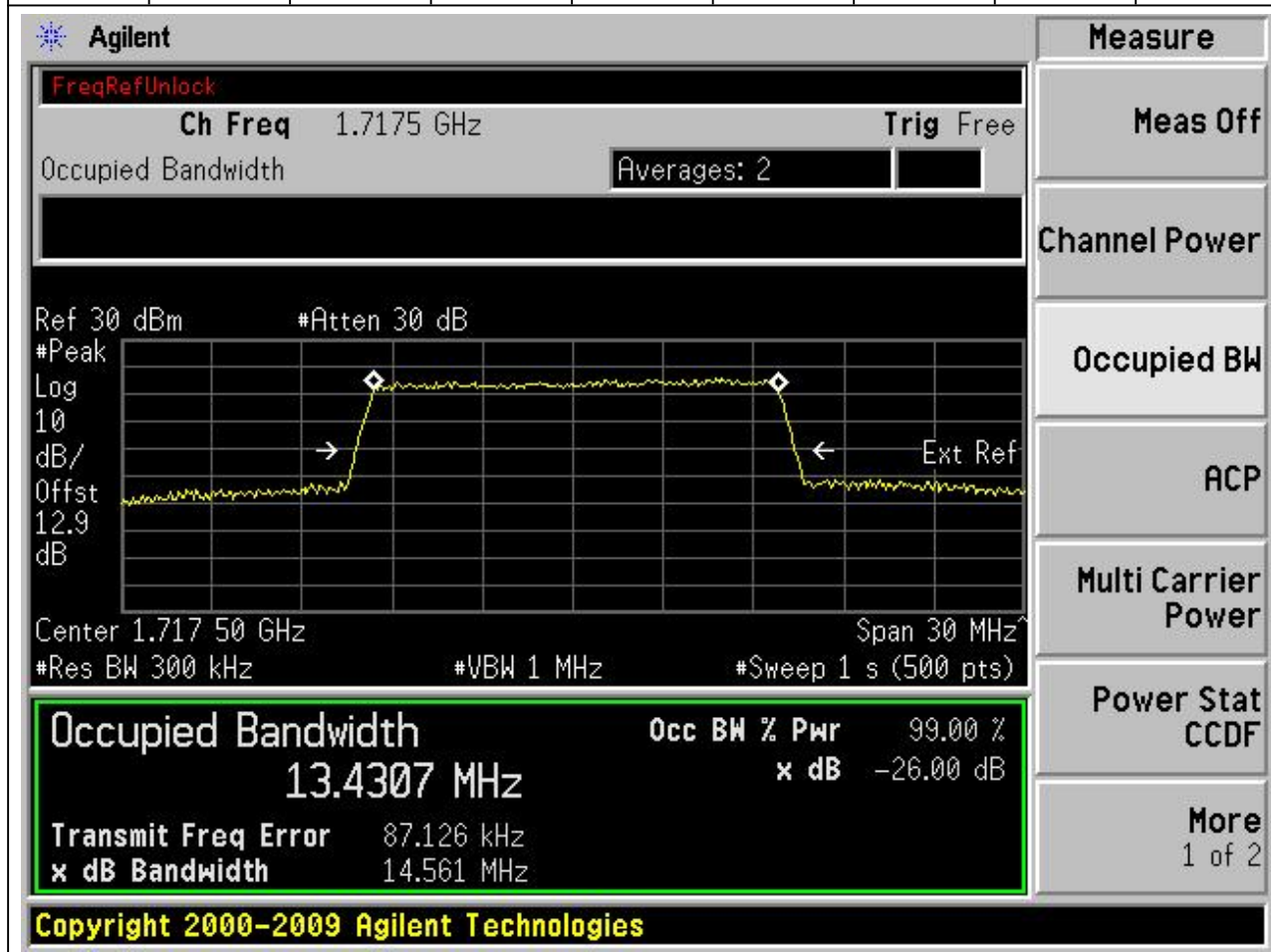


18.25 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

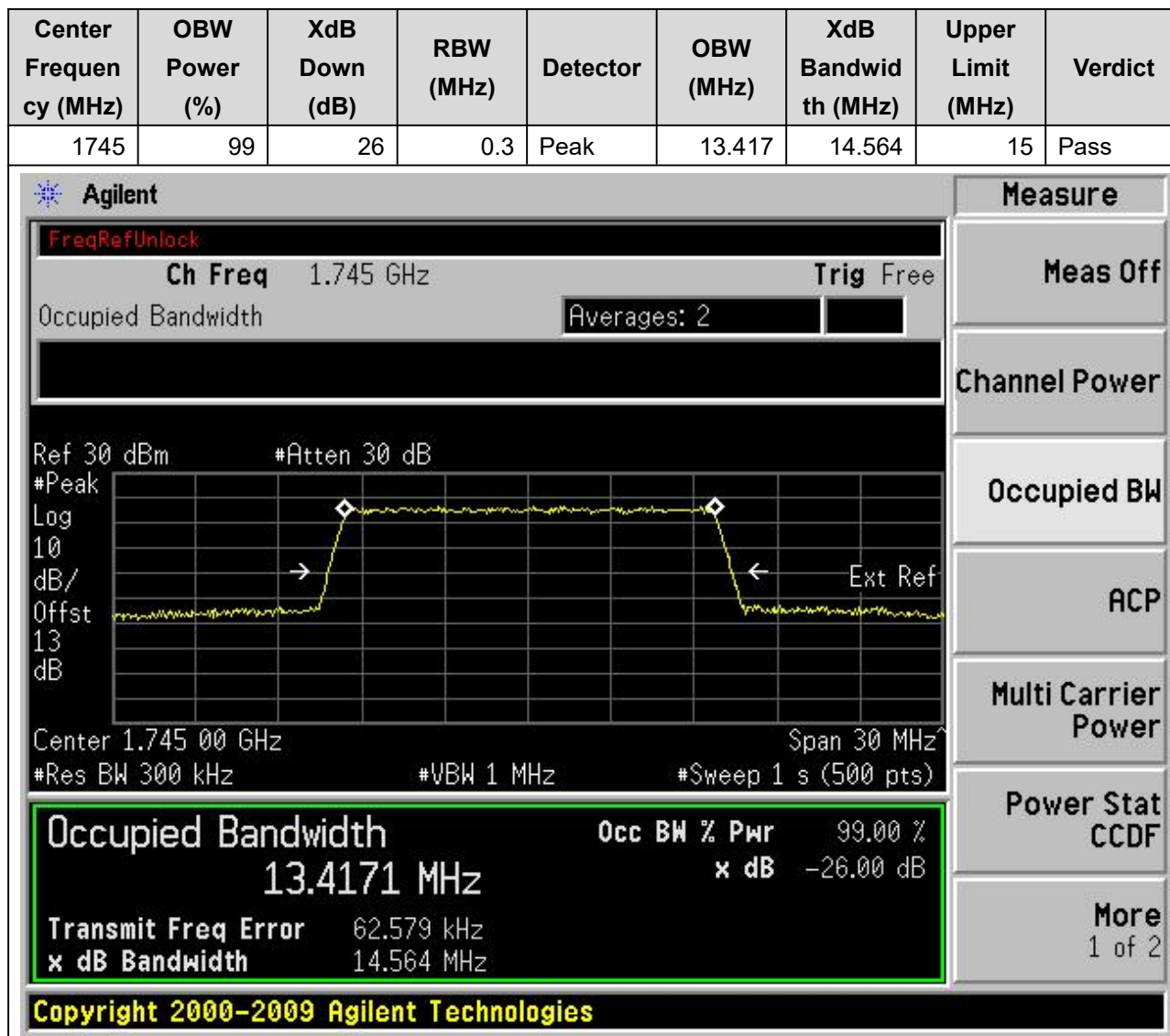


18.26 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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	13.431	14.561	15	Pass

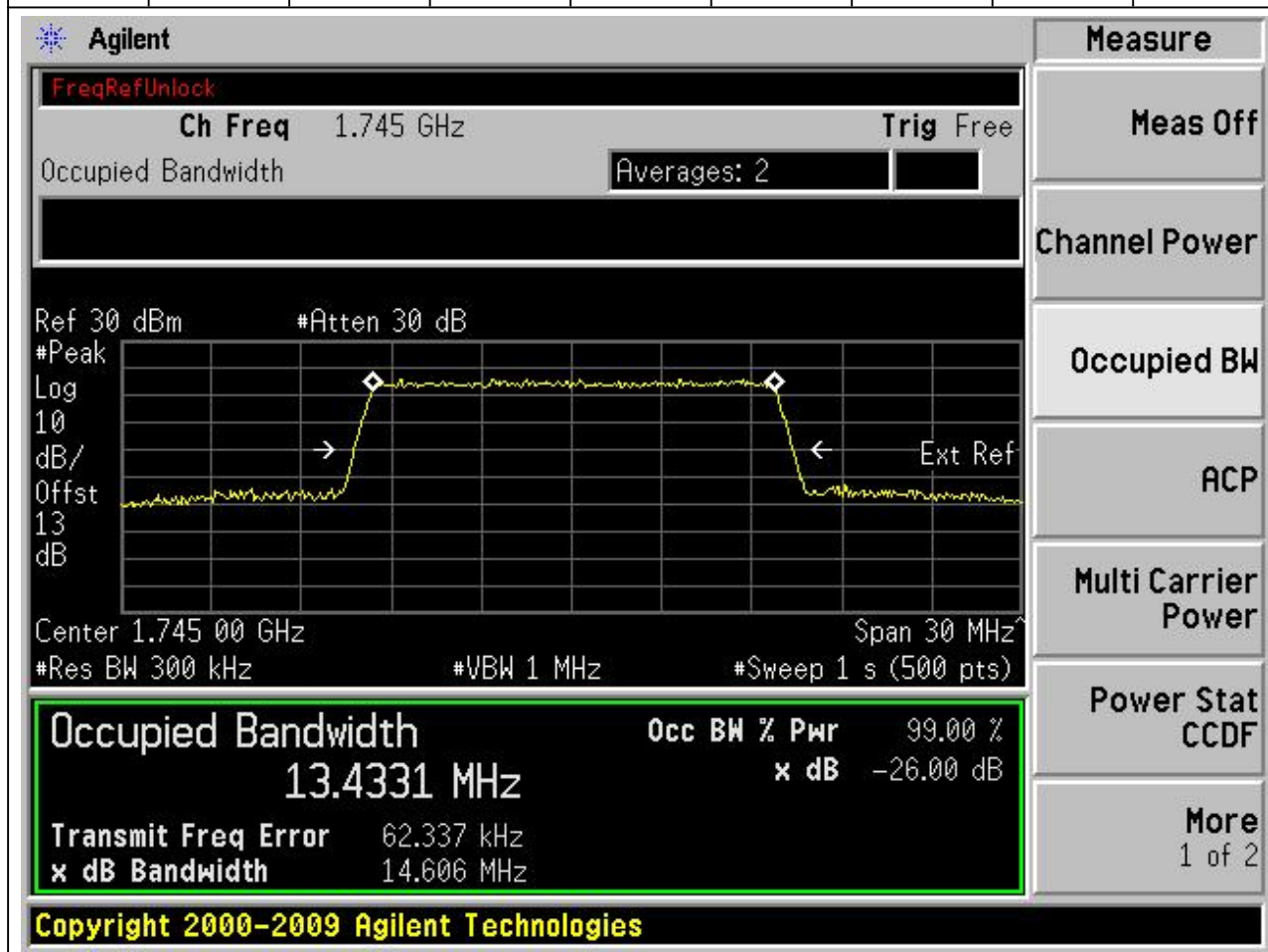


18.27 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

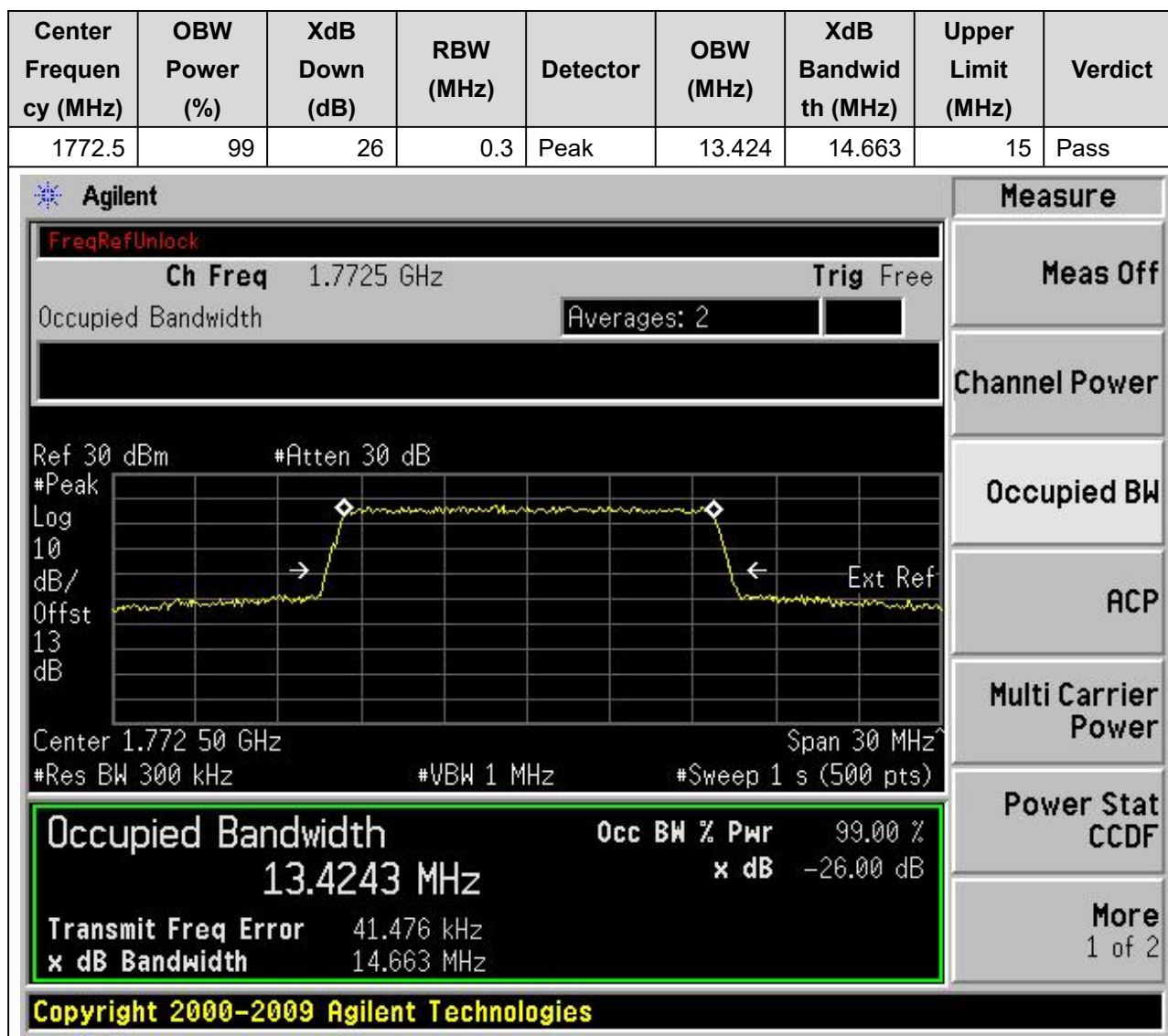


18.28 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

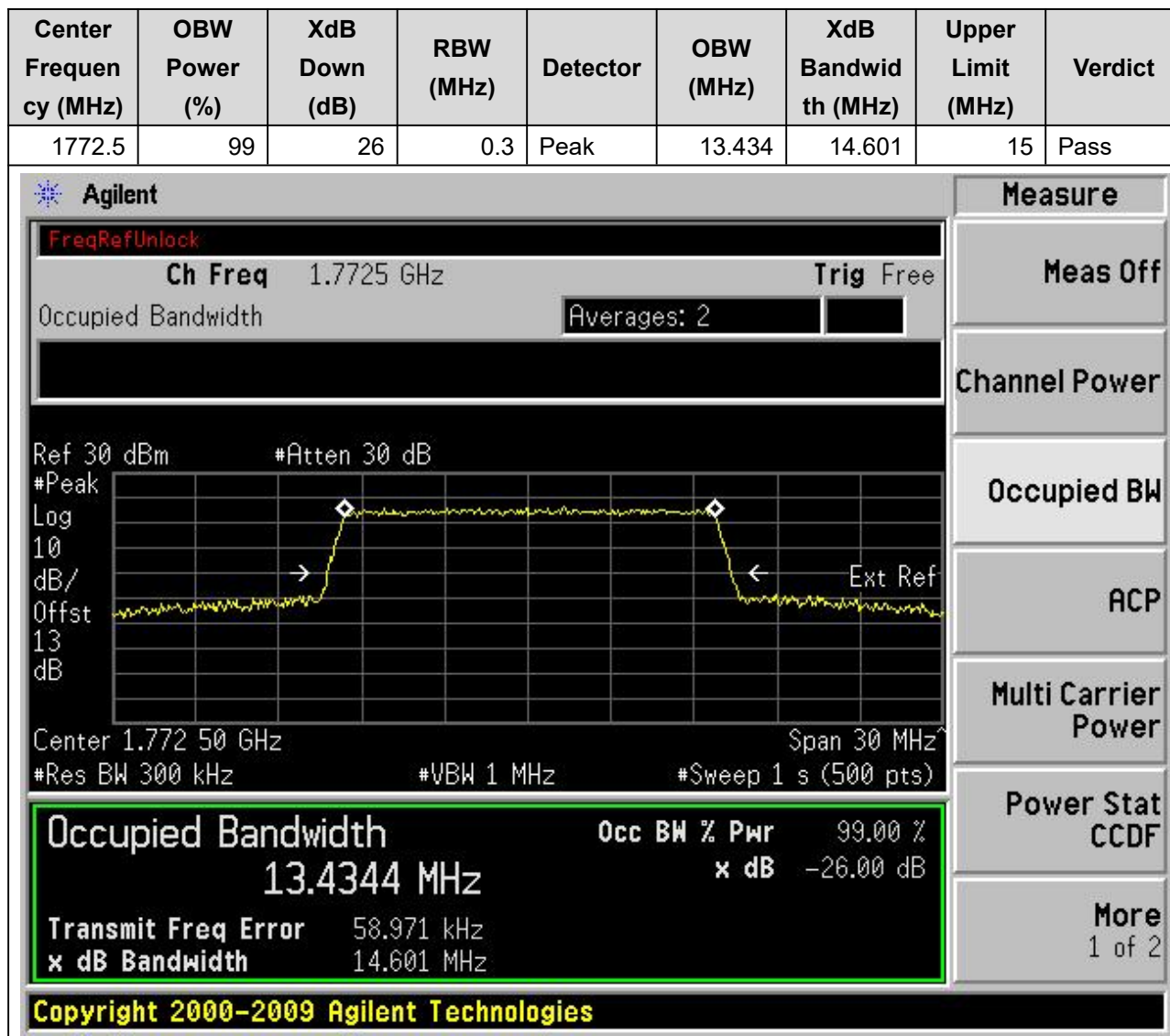
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.433	14.606	15	Pass



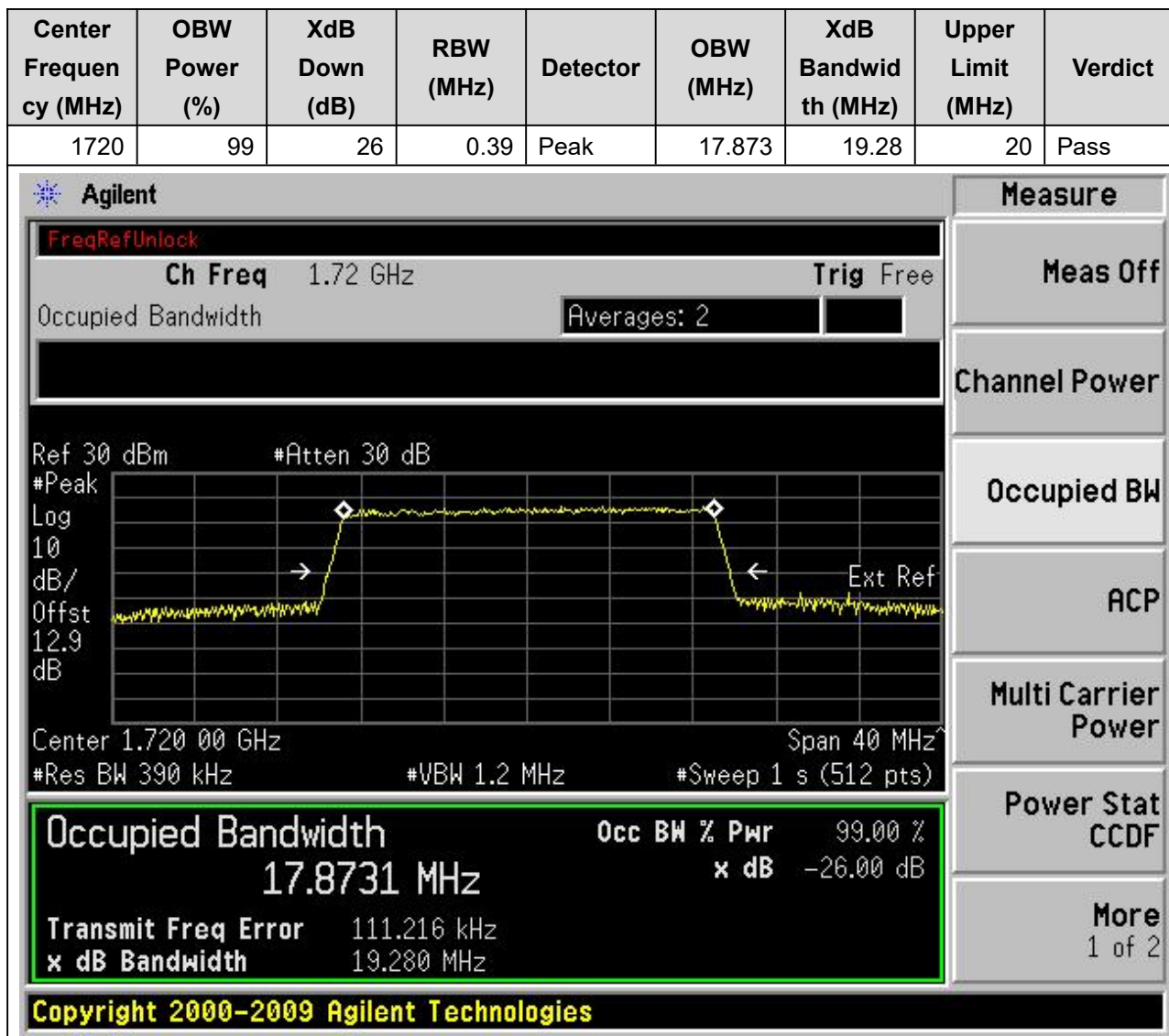
18.29 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



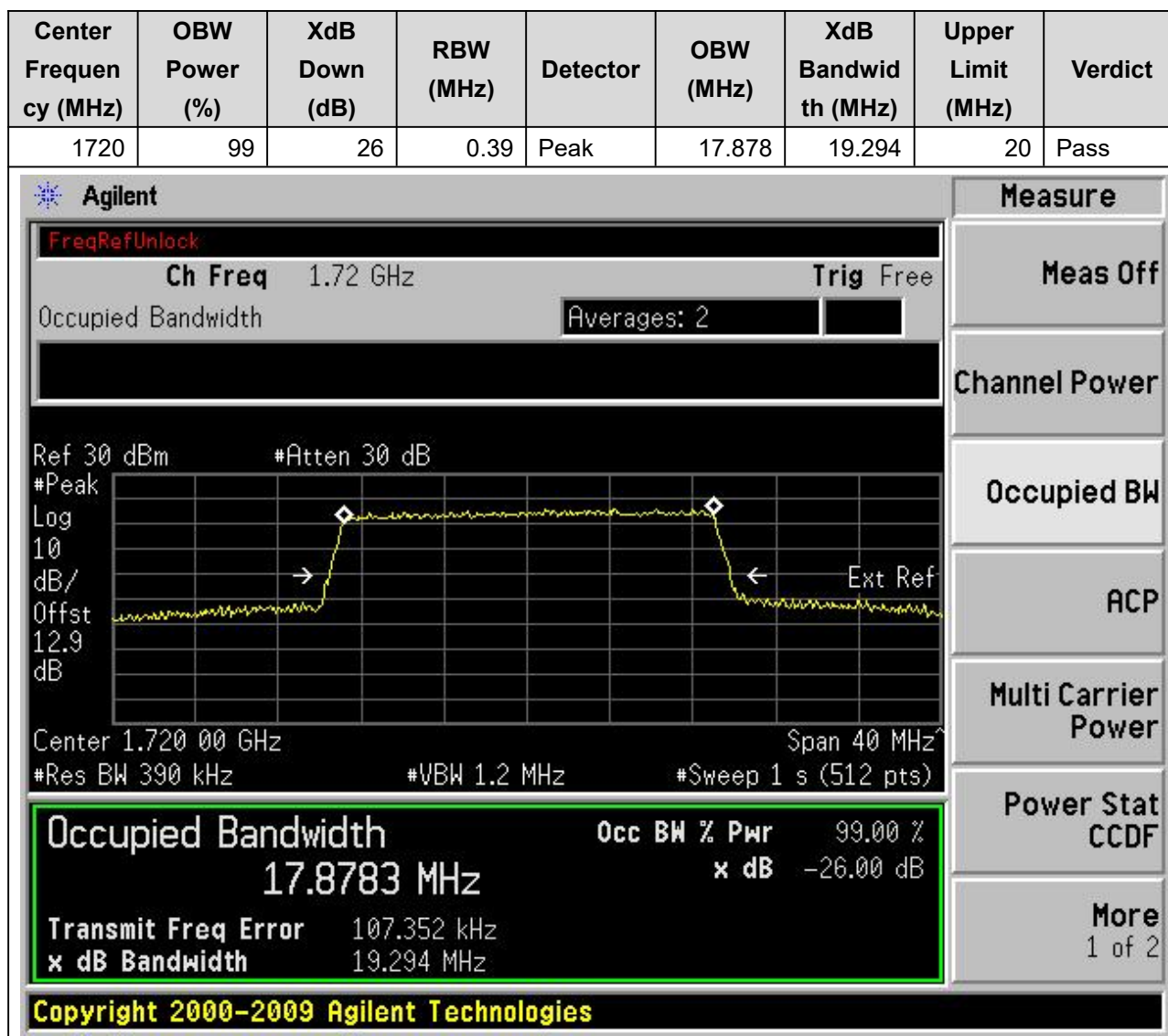
18.30 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



18.31 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

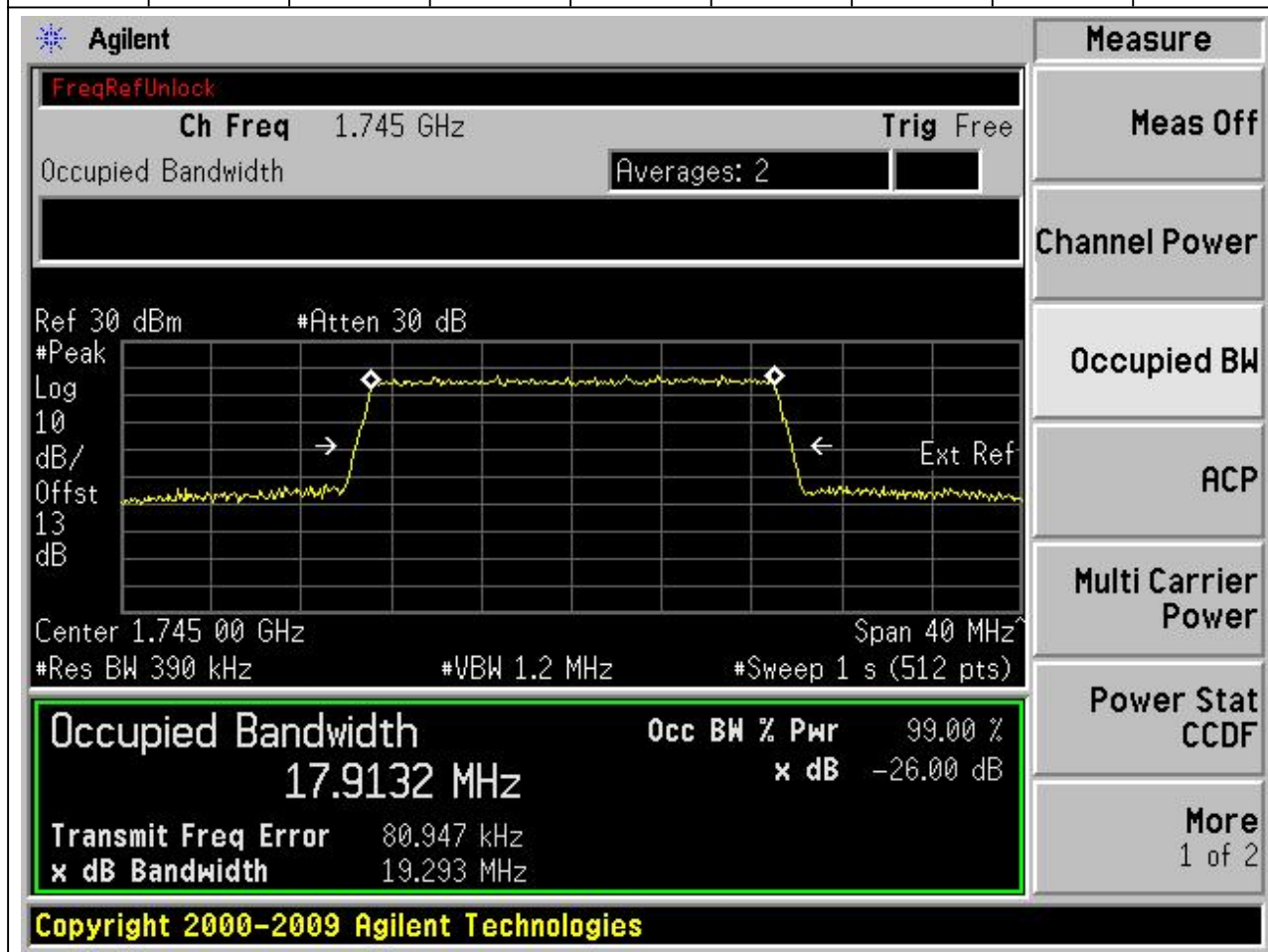


18.32 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

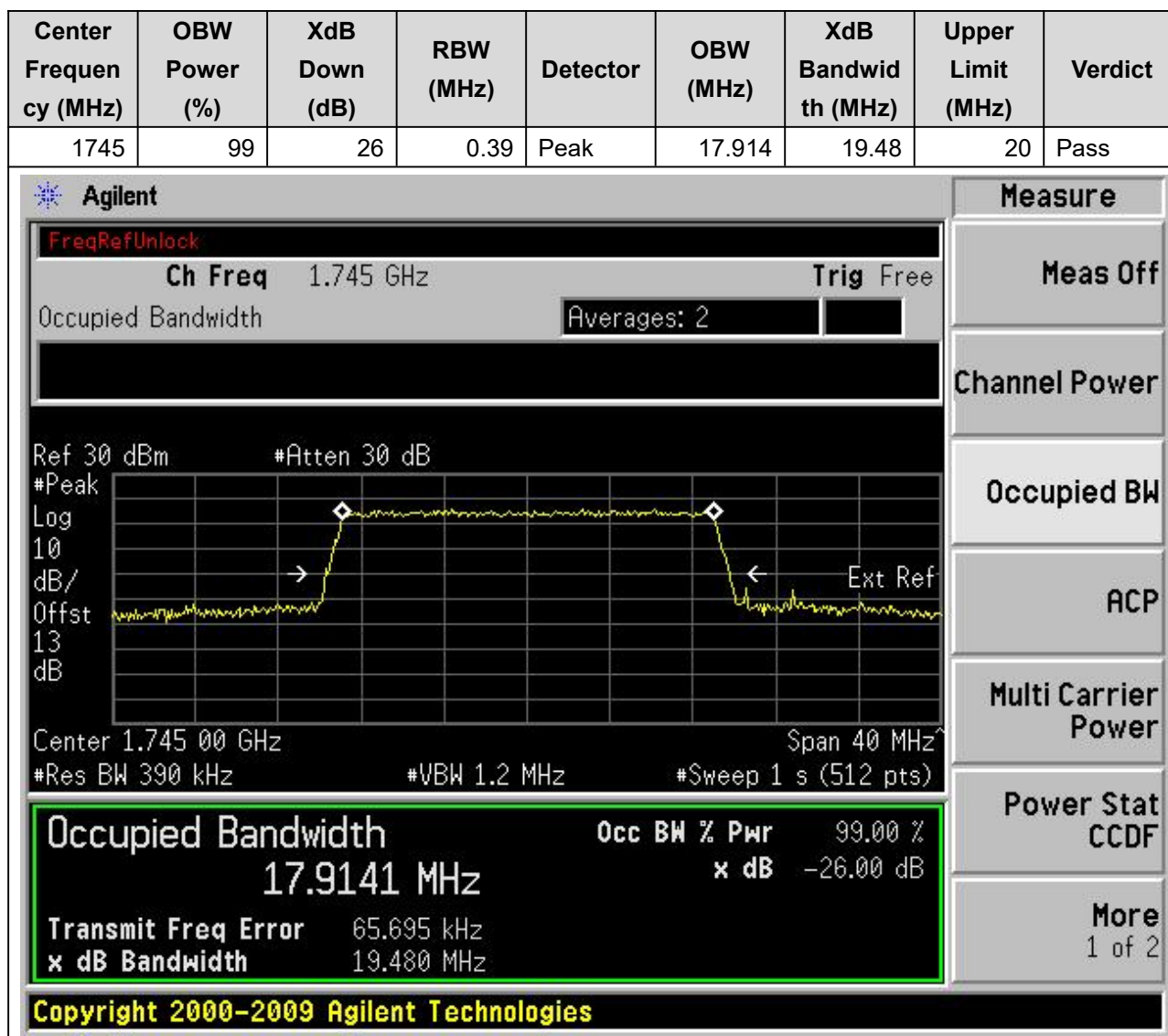


18.33 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

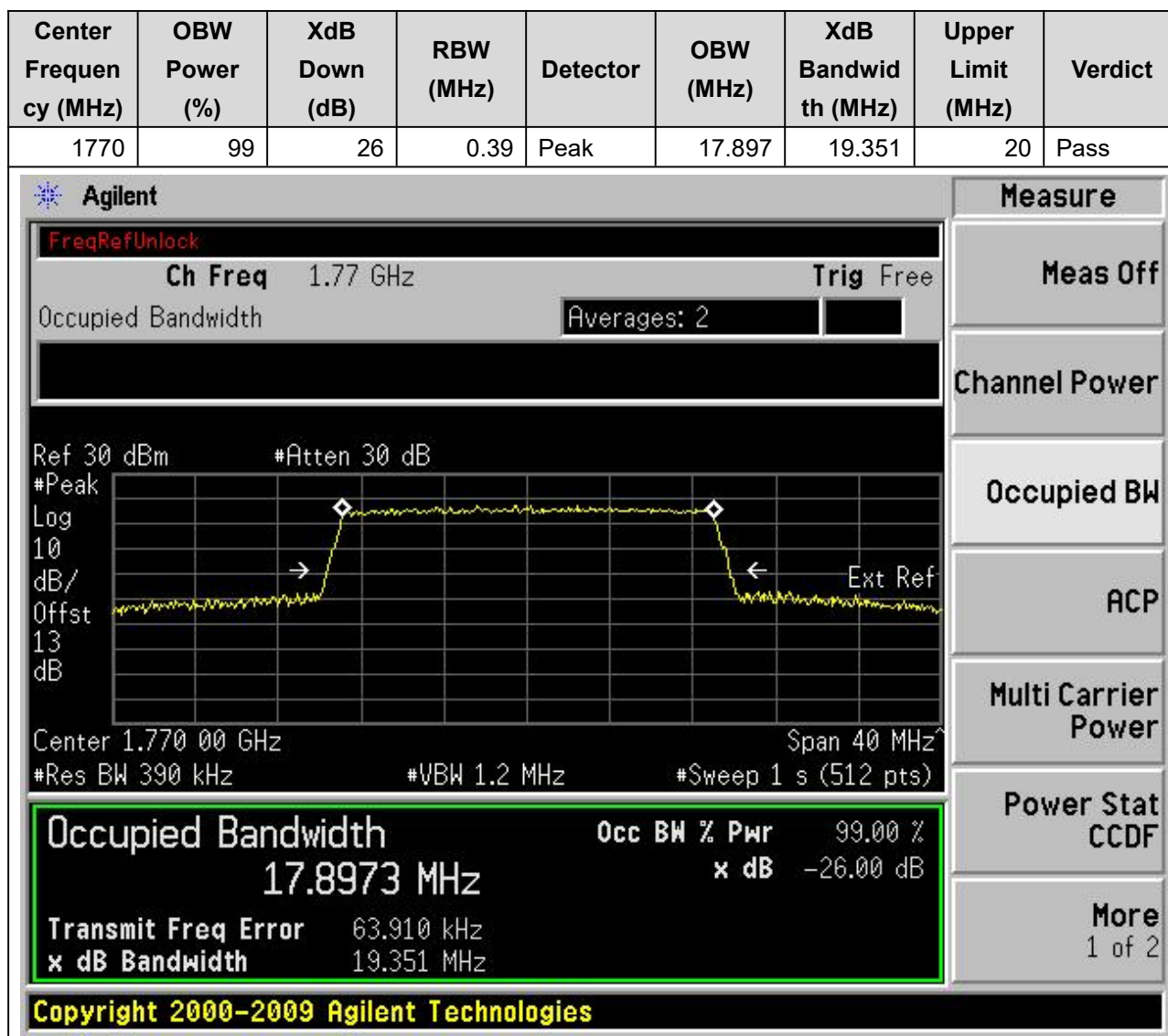
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.913	19.293	20	Pass



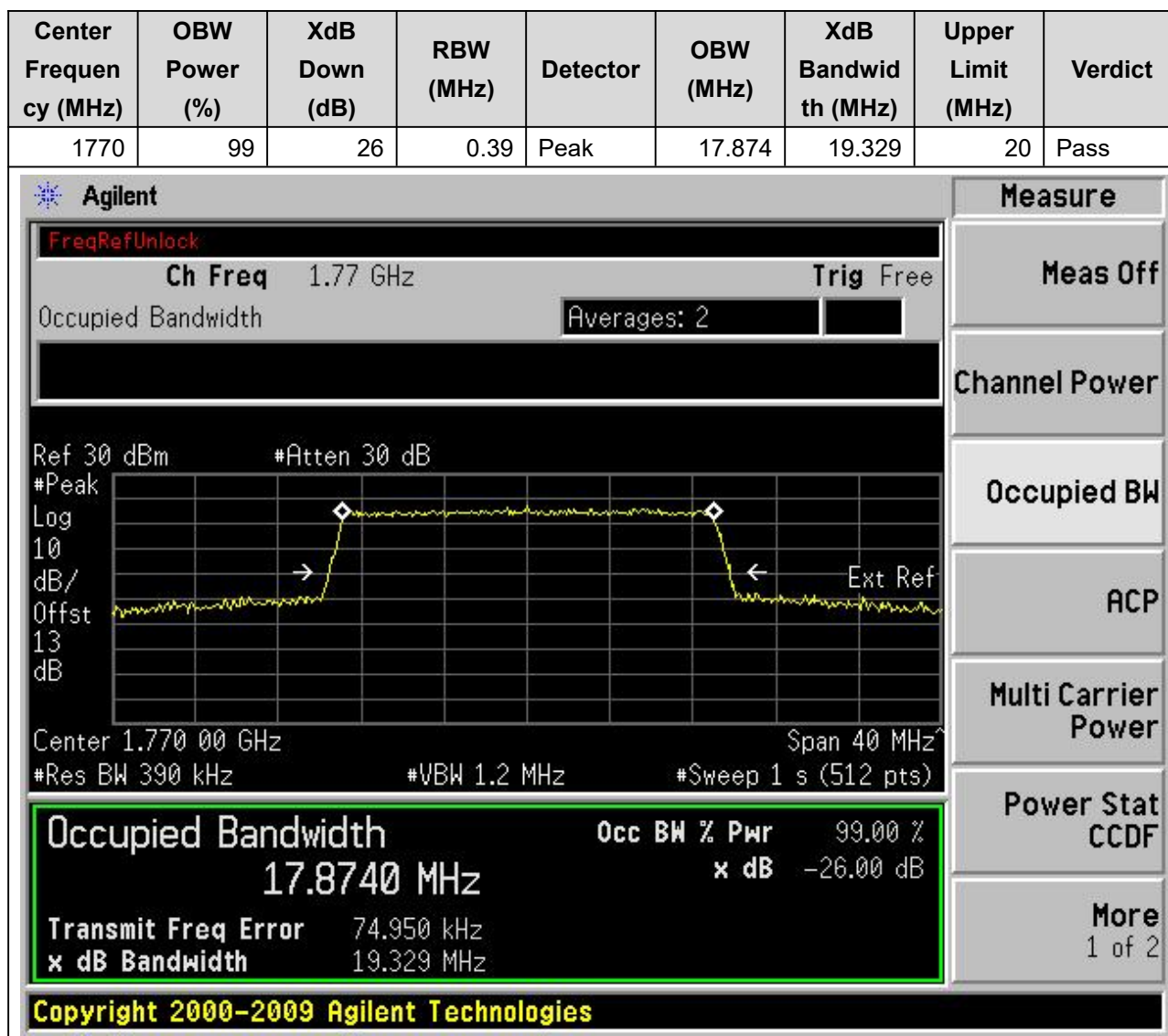
18.34 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



18.35 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

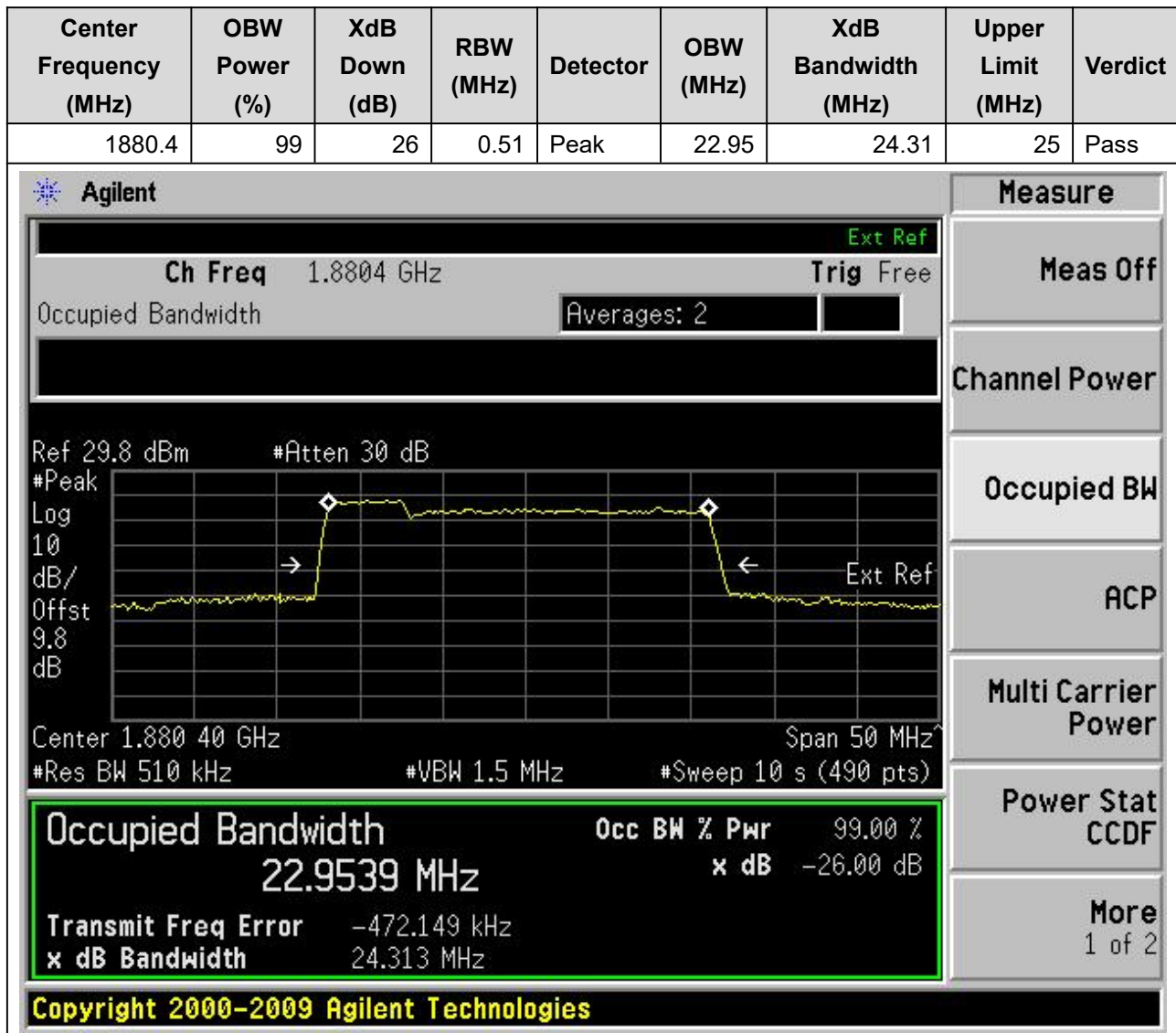


18.36 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

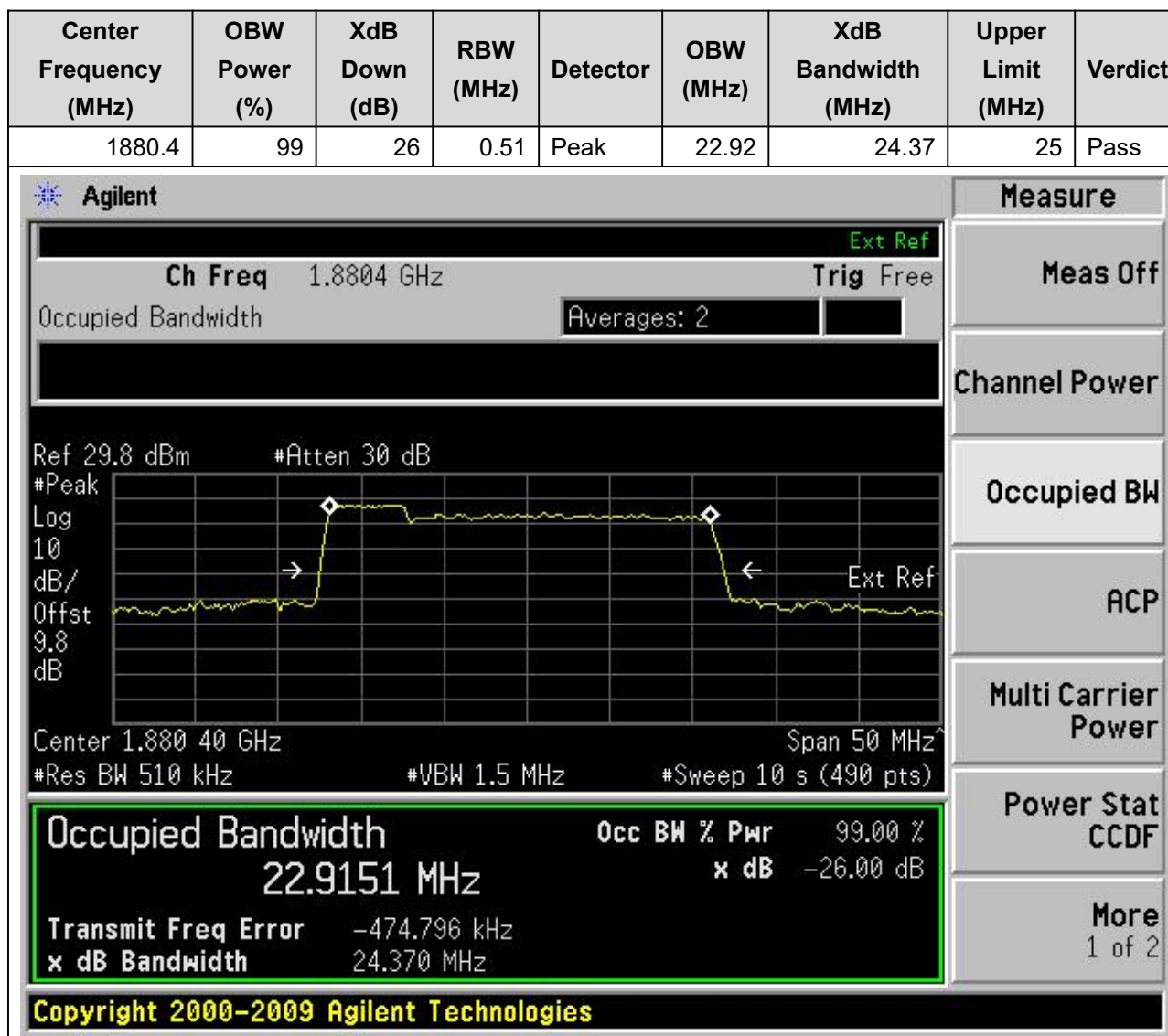


19. CA_2C

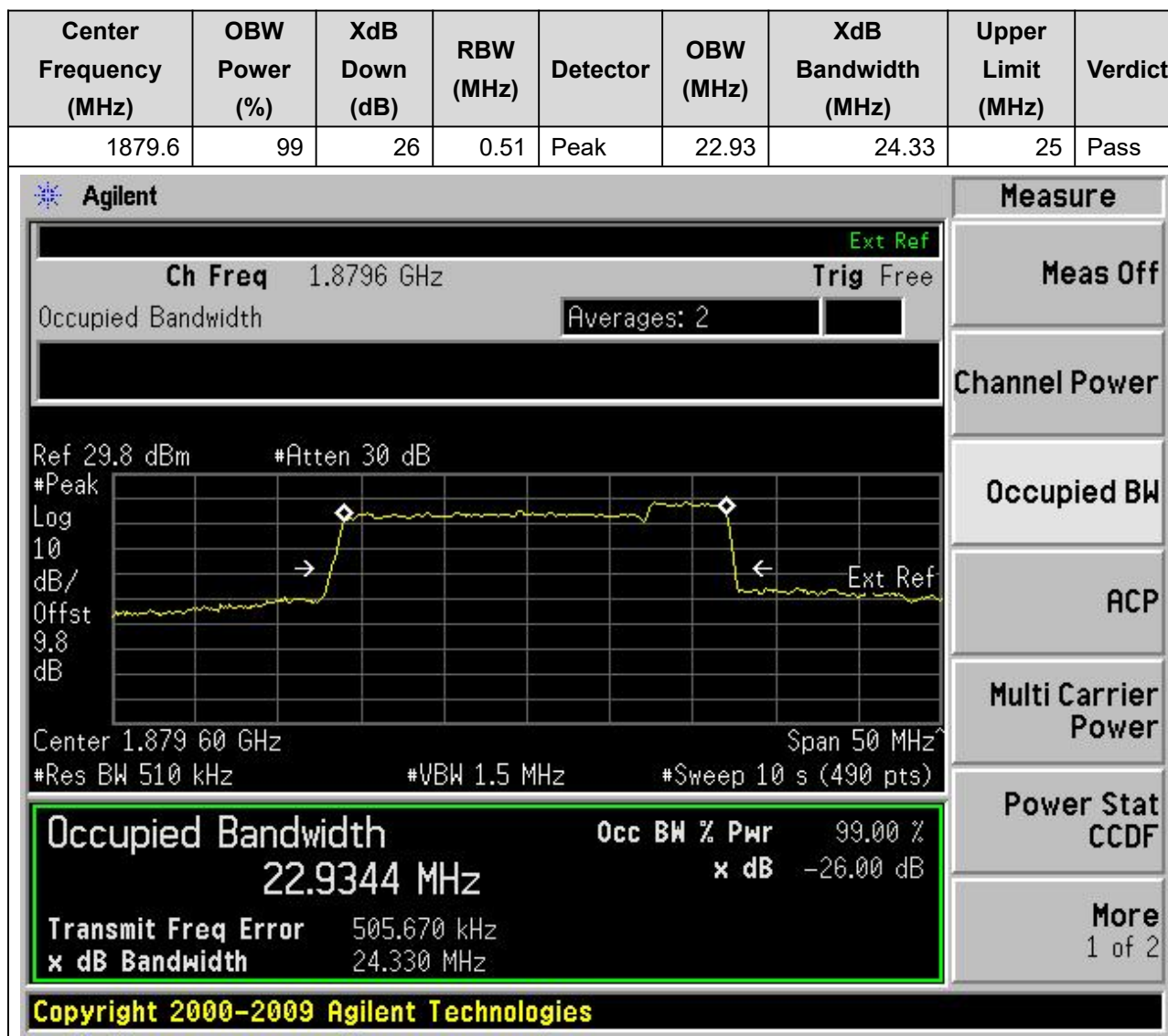
19.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



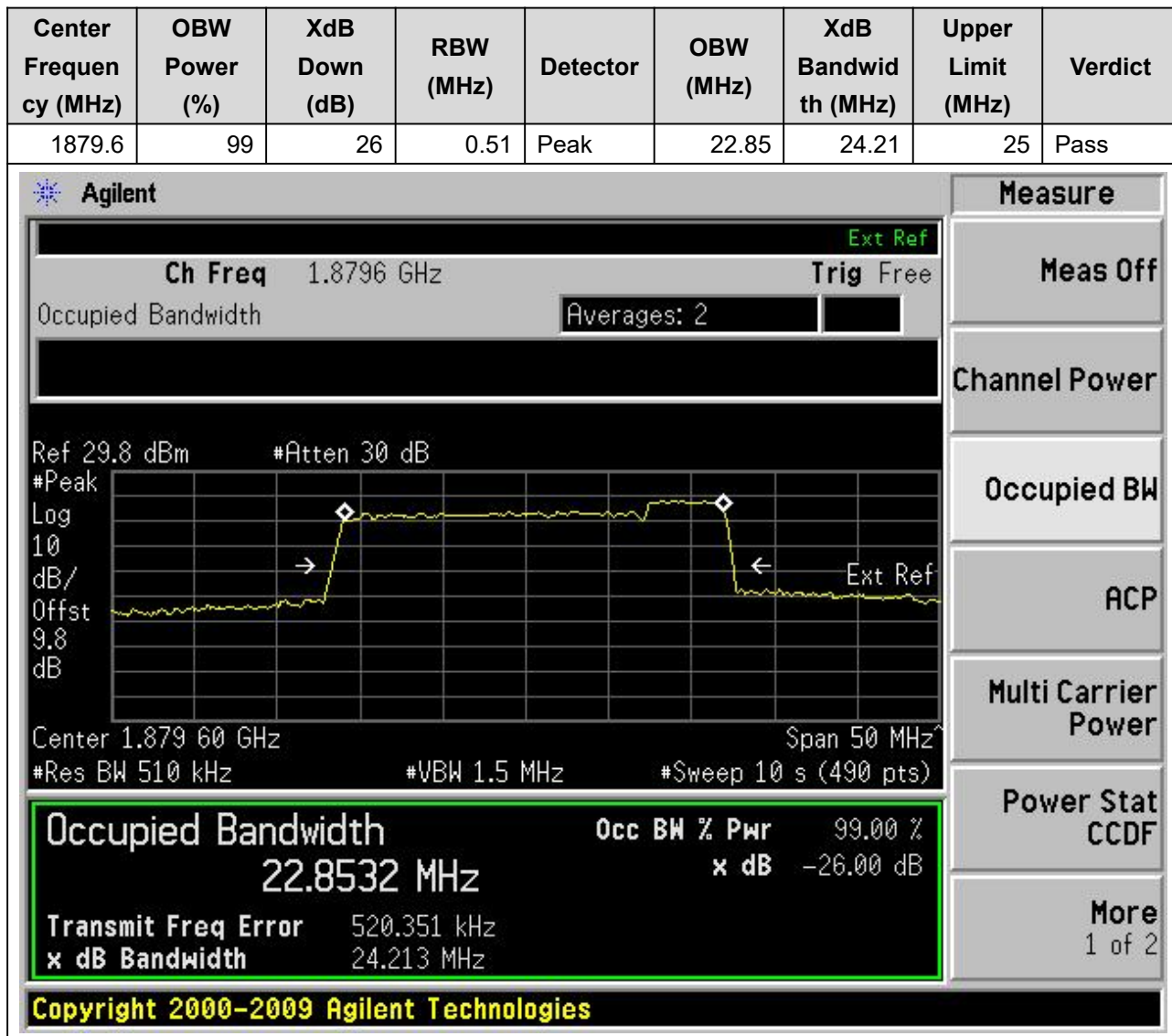
**19.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



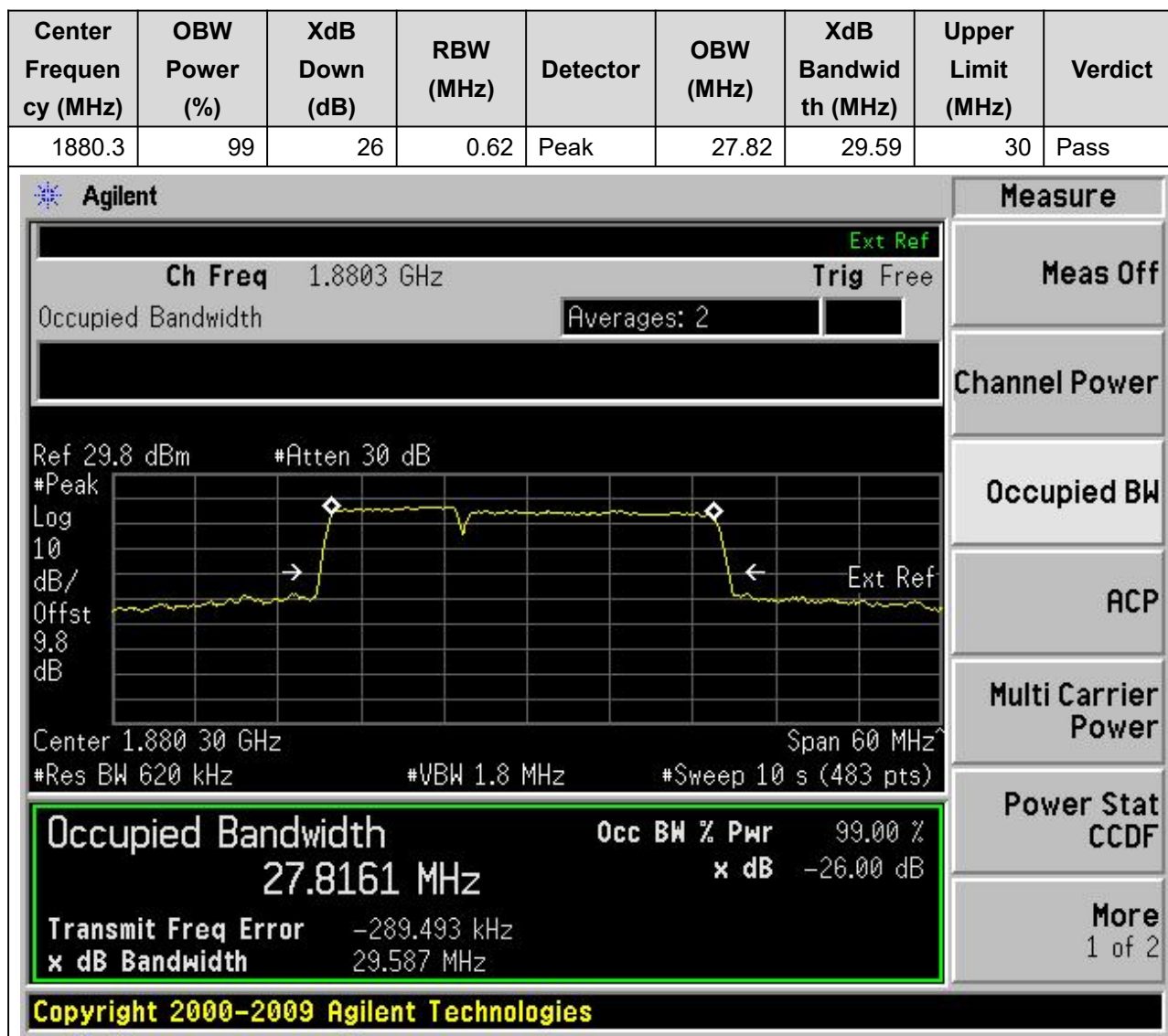
**19.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:18875|18992, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



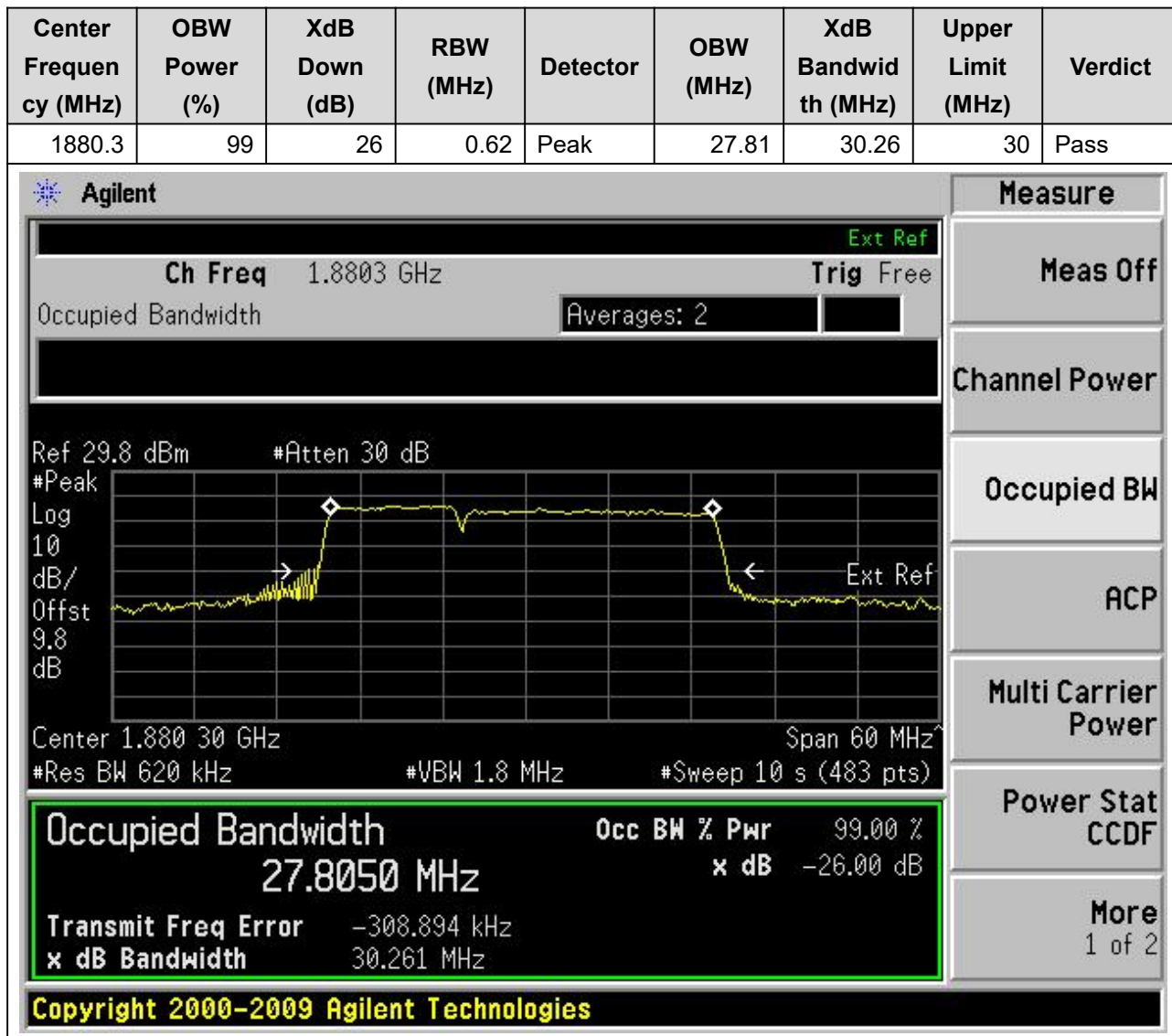
**19.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:18875|18992, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



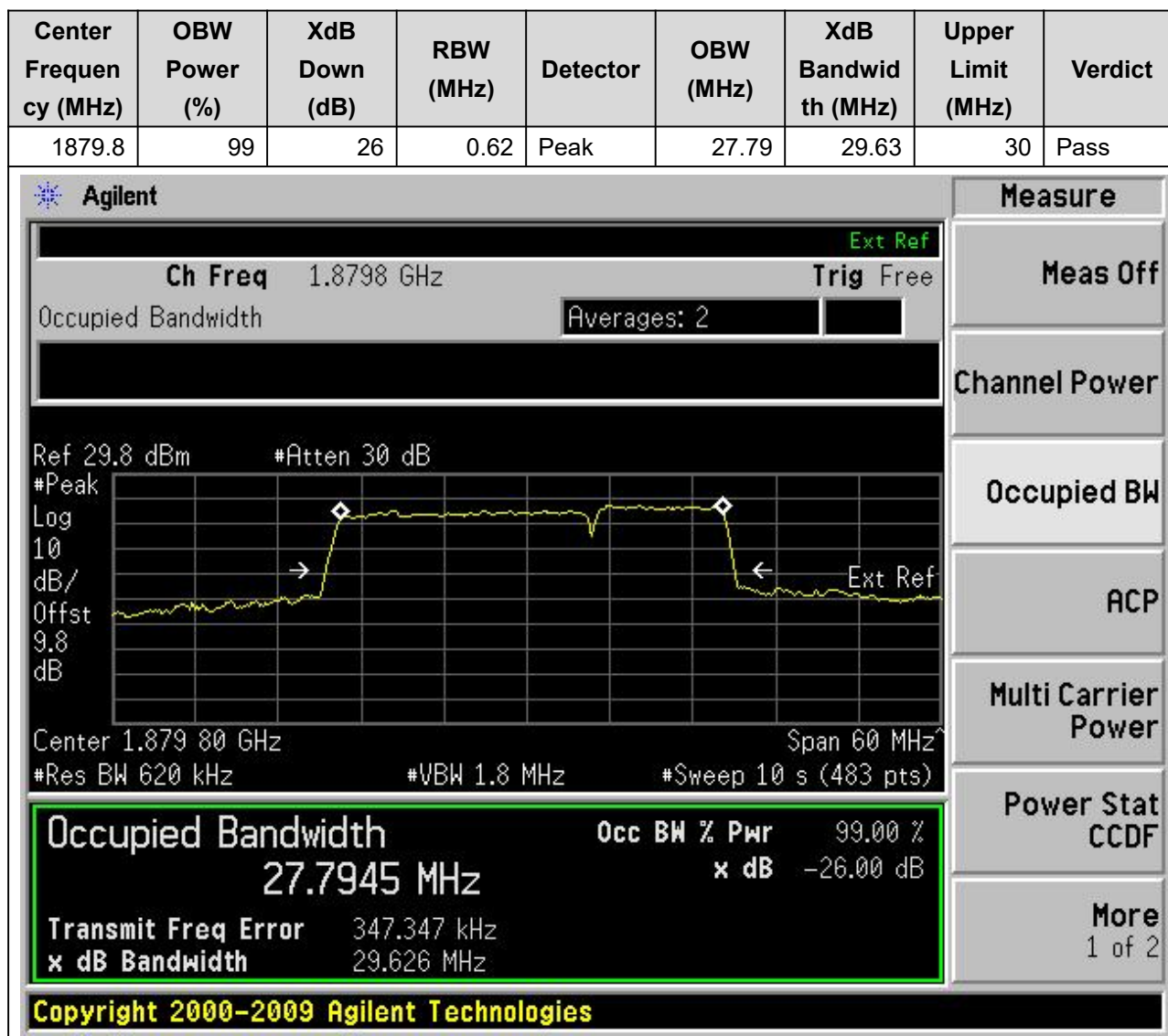
**19.5 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



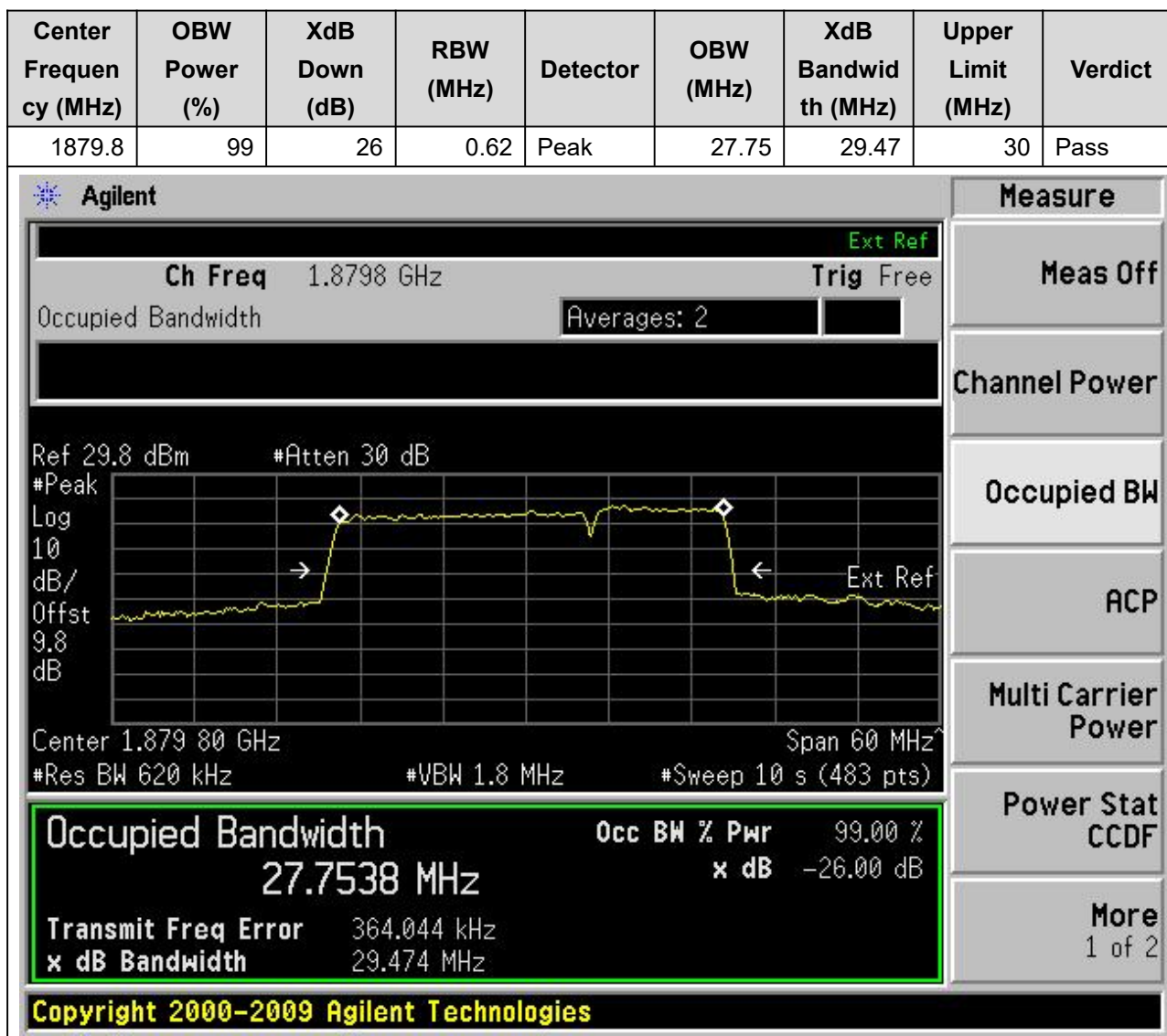
**19.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



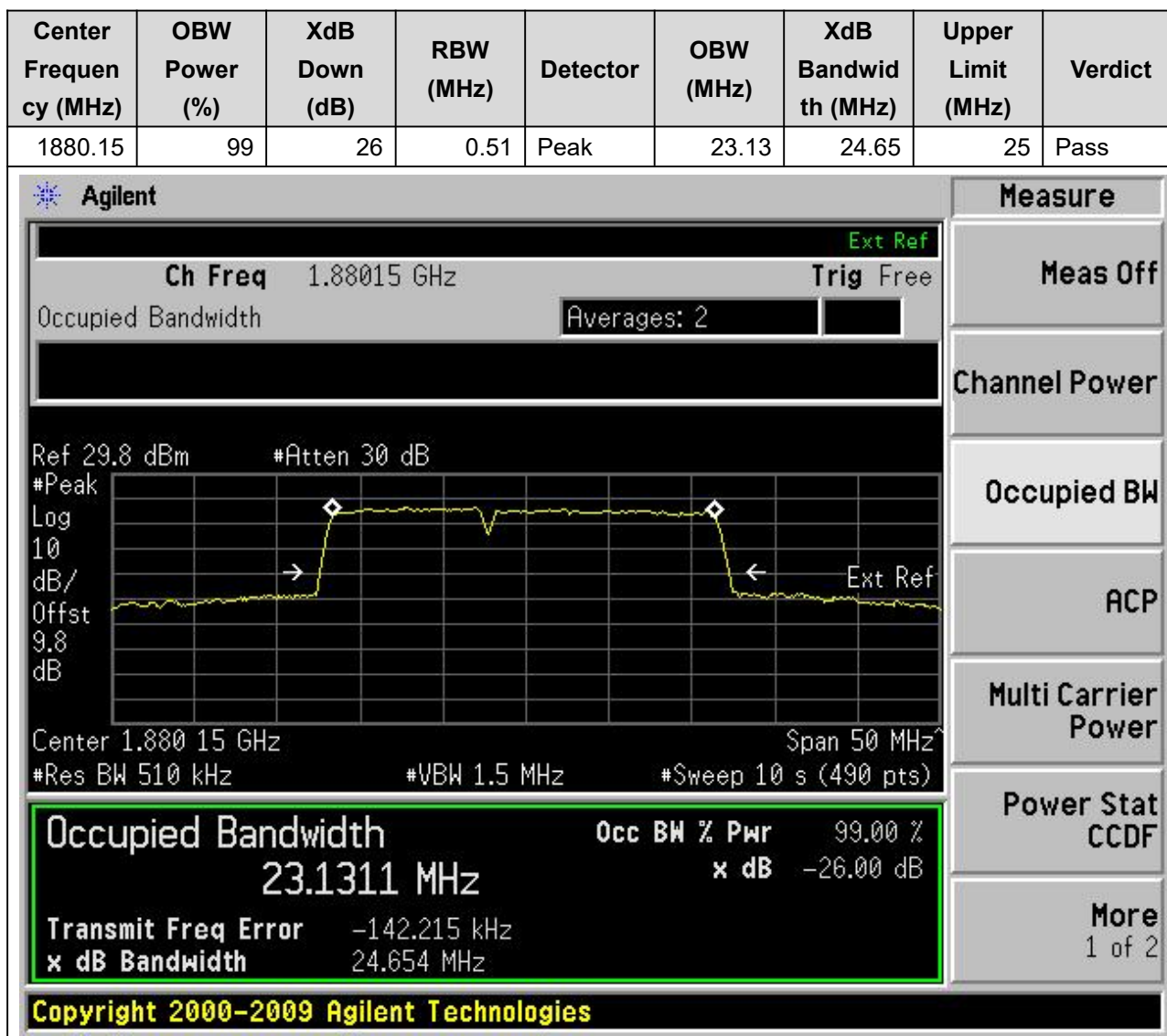
**19.7 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



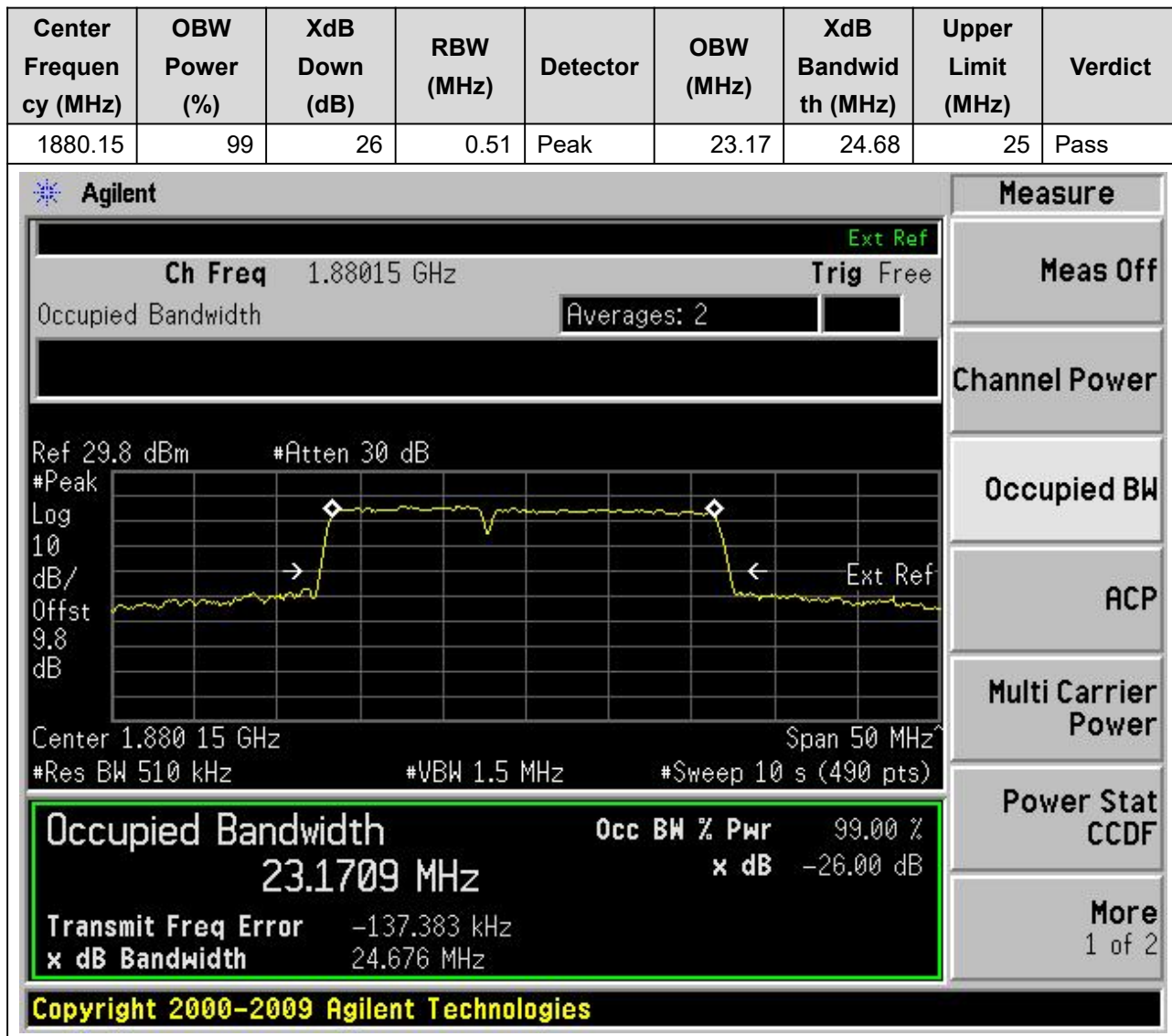
**19.8 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



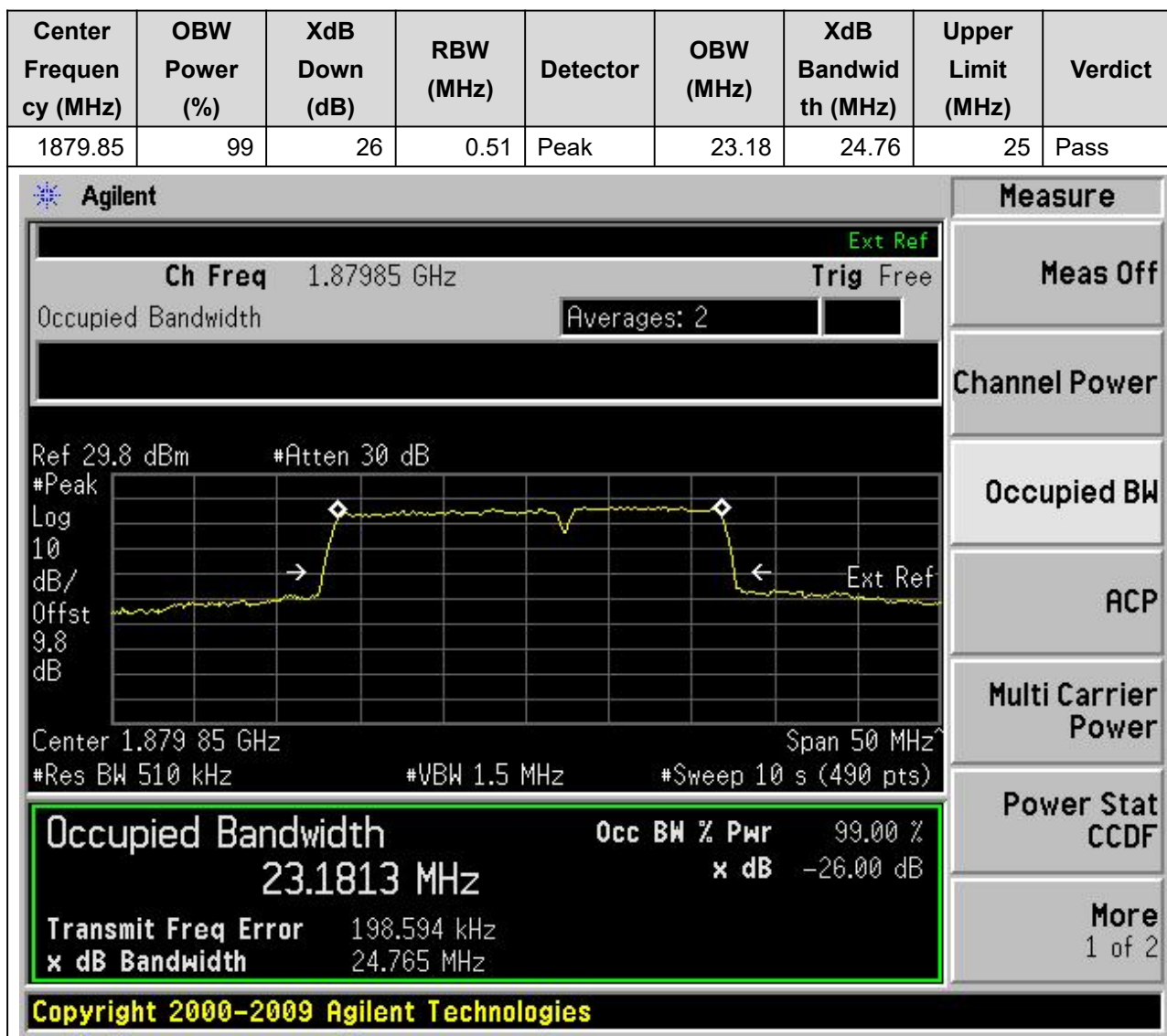
**19.9 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:18829|18949, Bandwidth:10|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



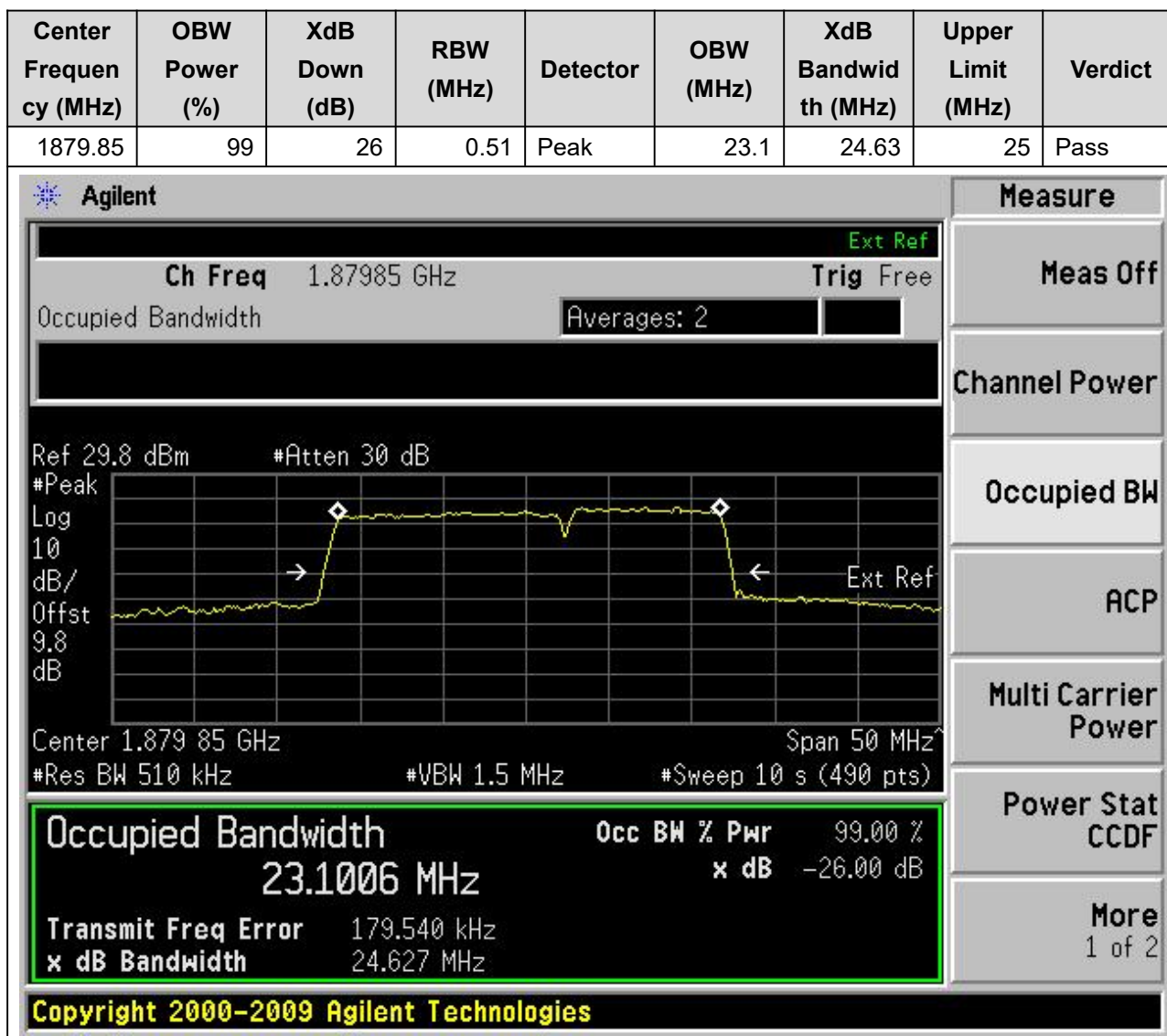
**19.10 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:18829|18949, Bandwidth:10|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



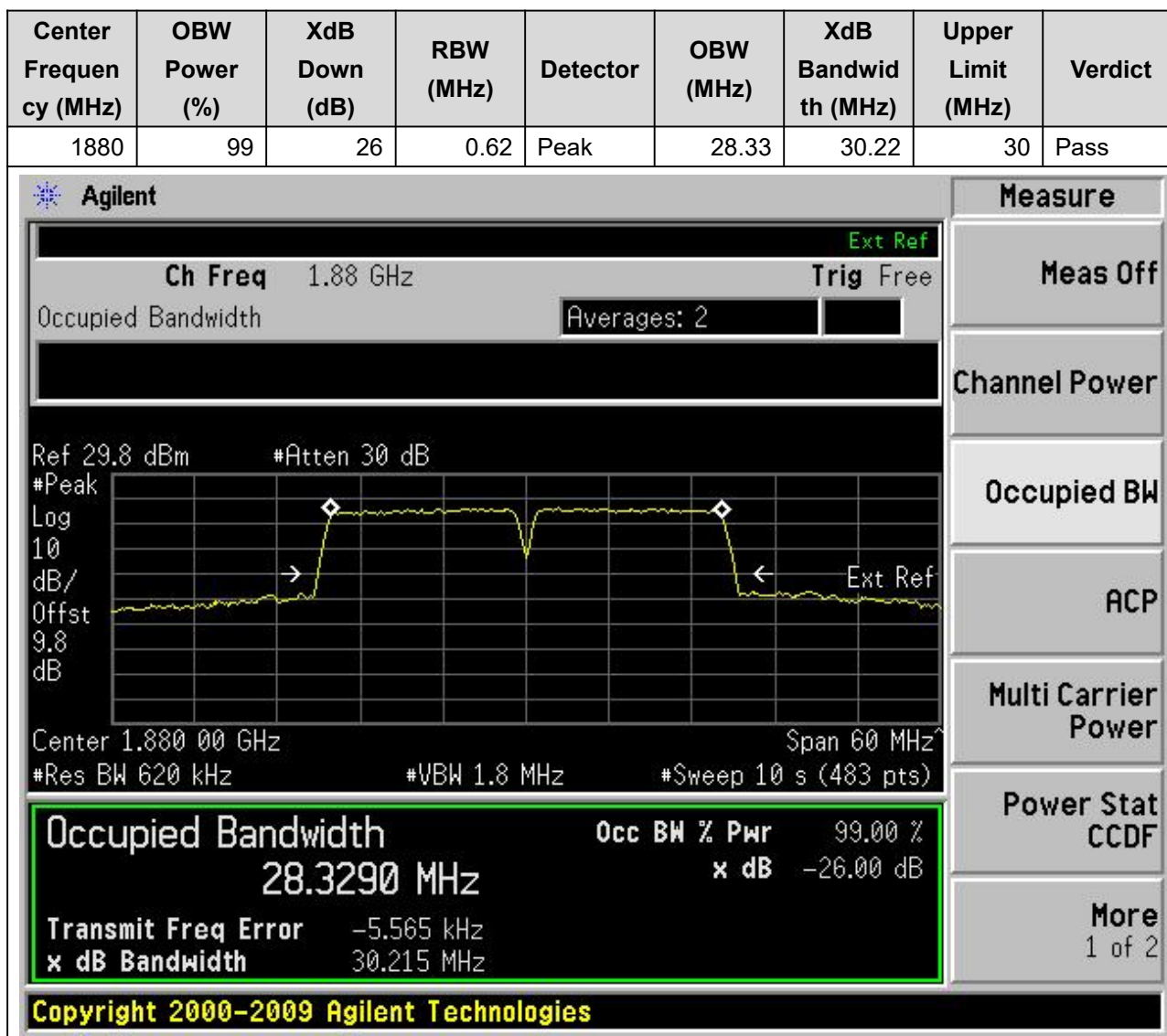
**19.11 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11,
Channel:18851|18971, Bandwidth:15|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



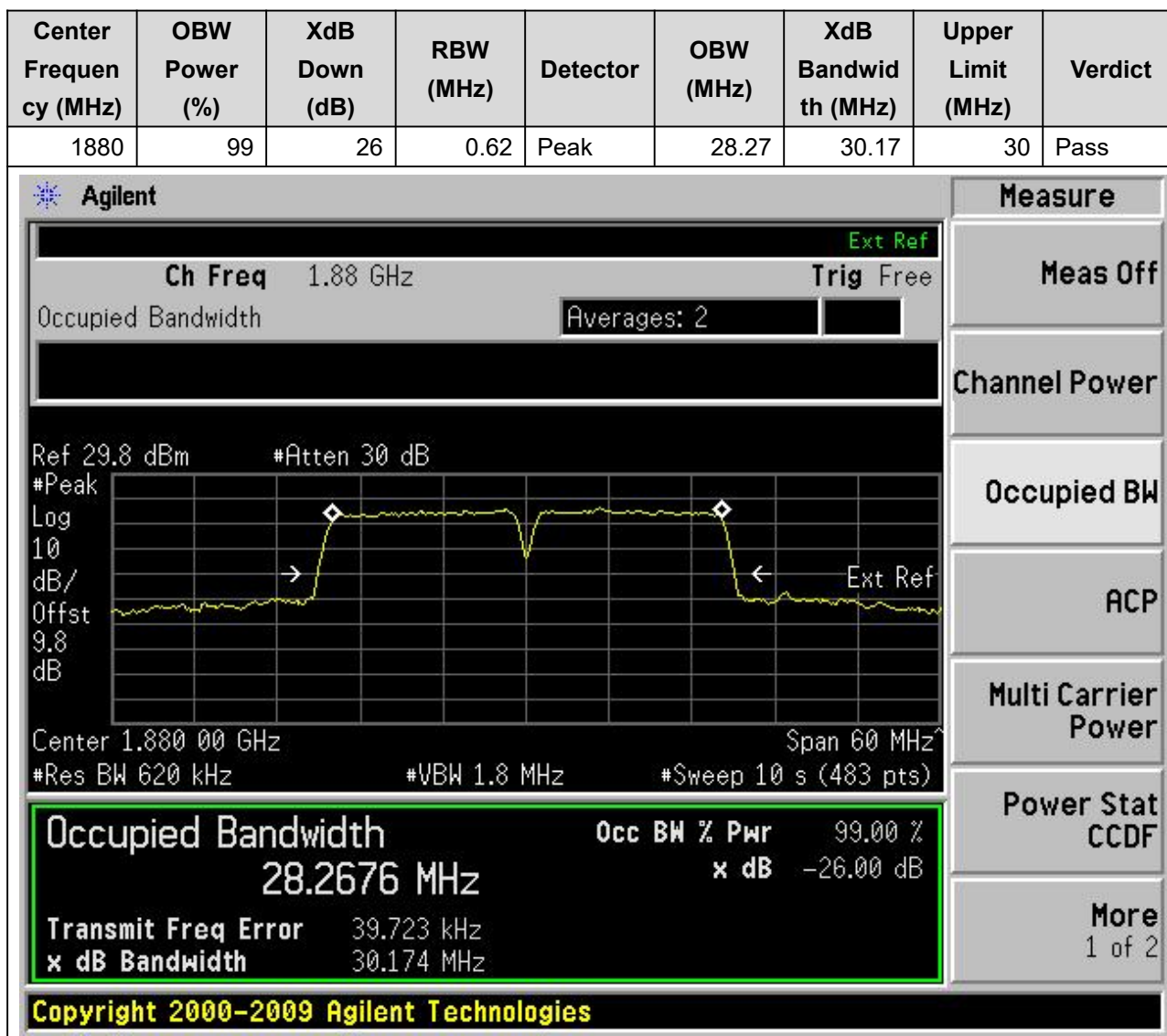
**19.12 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:18851|18971, Bandwidth:15|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**19.13 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13,
Channel:18825|18975, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

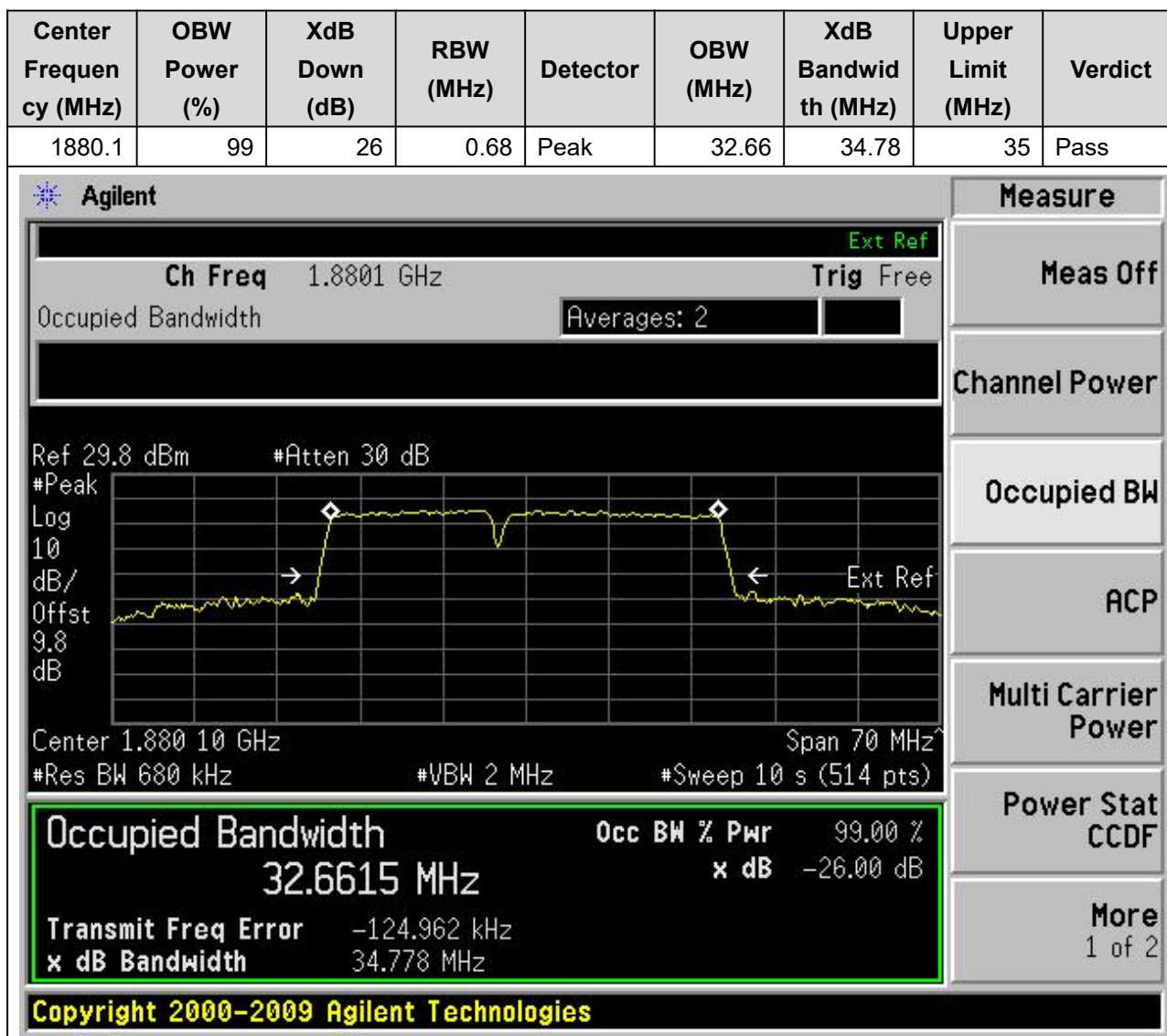


**19.14 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14,
Channel:18825|18975, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

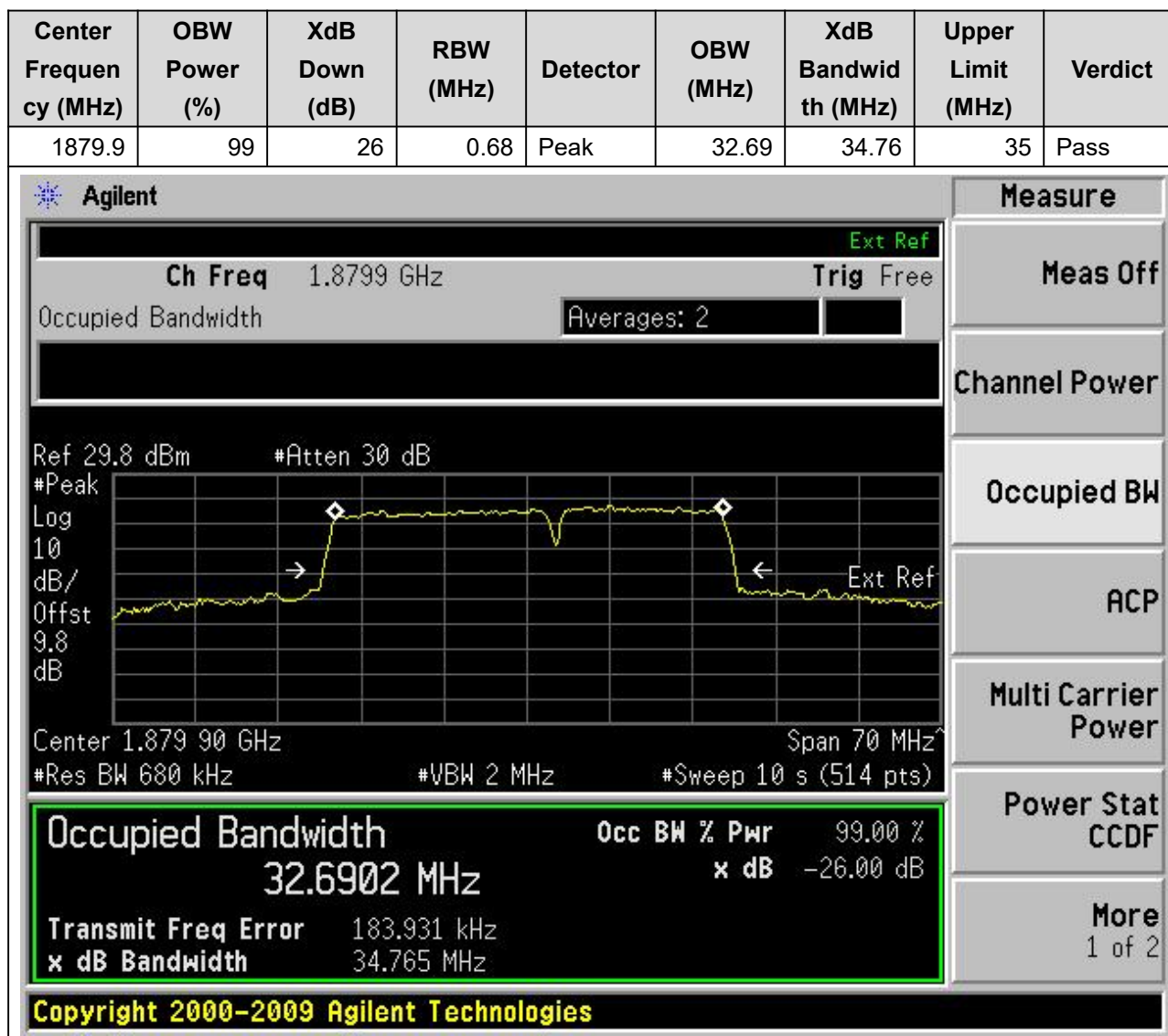


**19.15 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15,
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

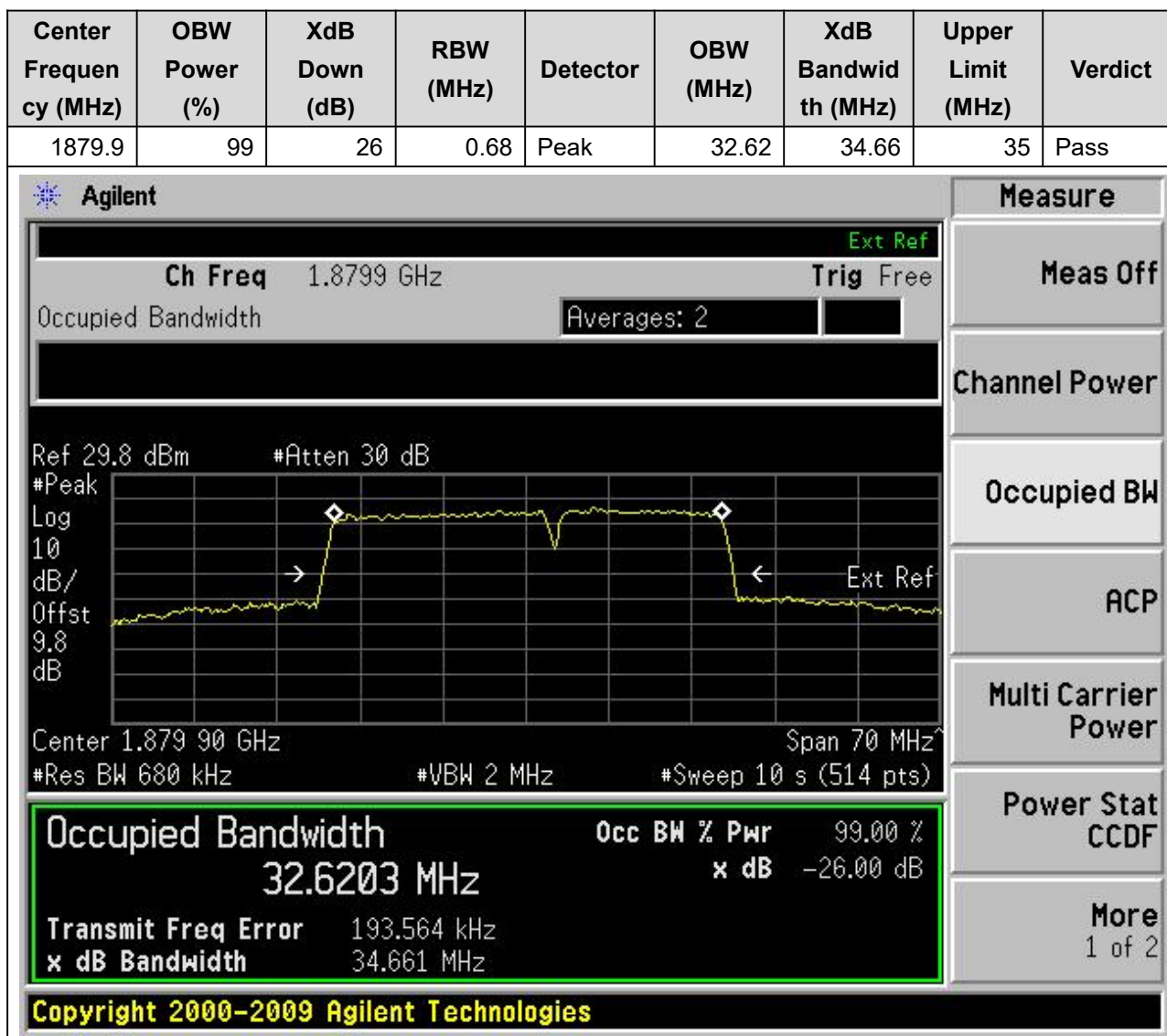
**19.16 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16,
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



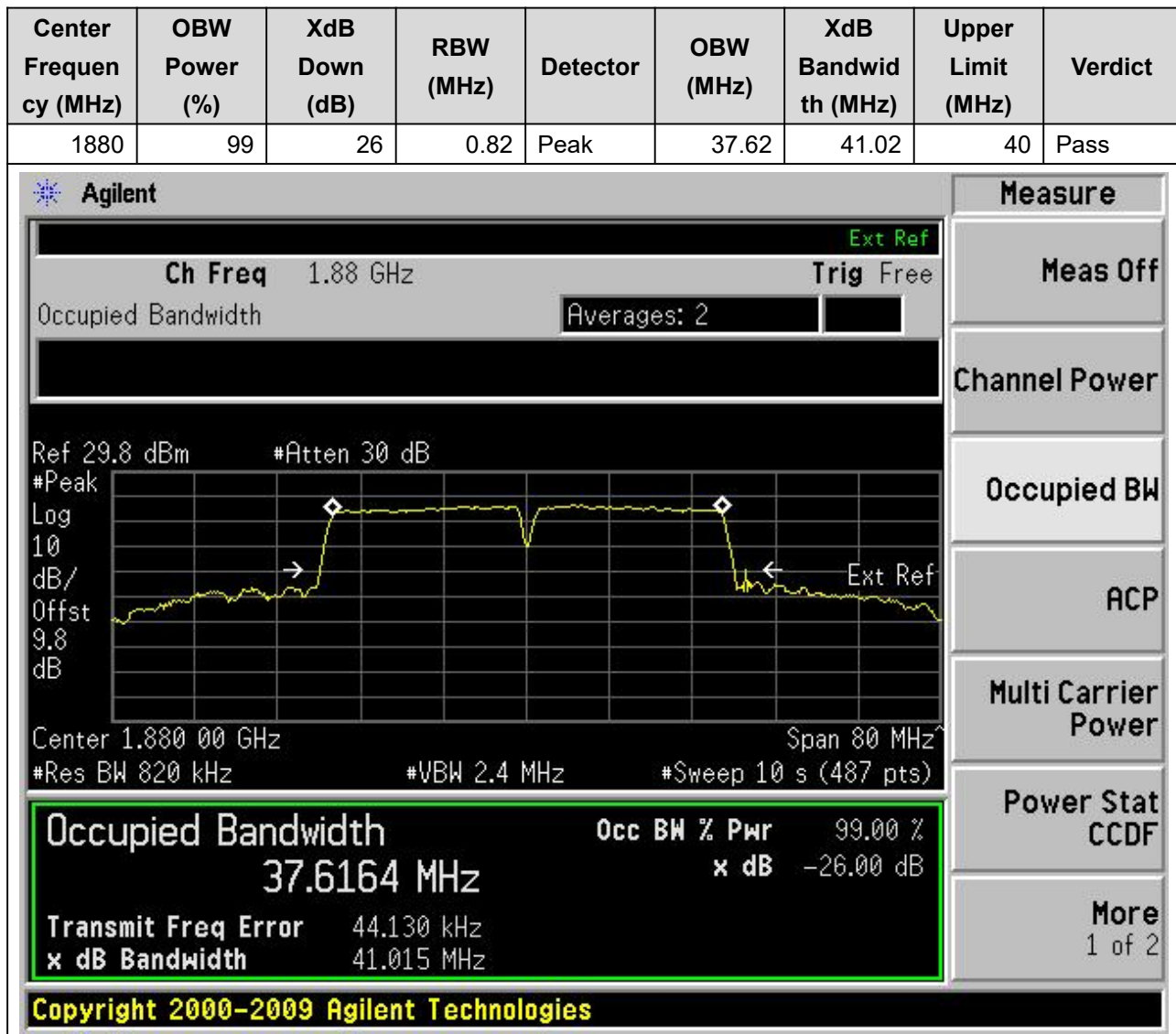
**19.17 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:17,
Channel:18826|18997, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



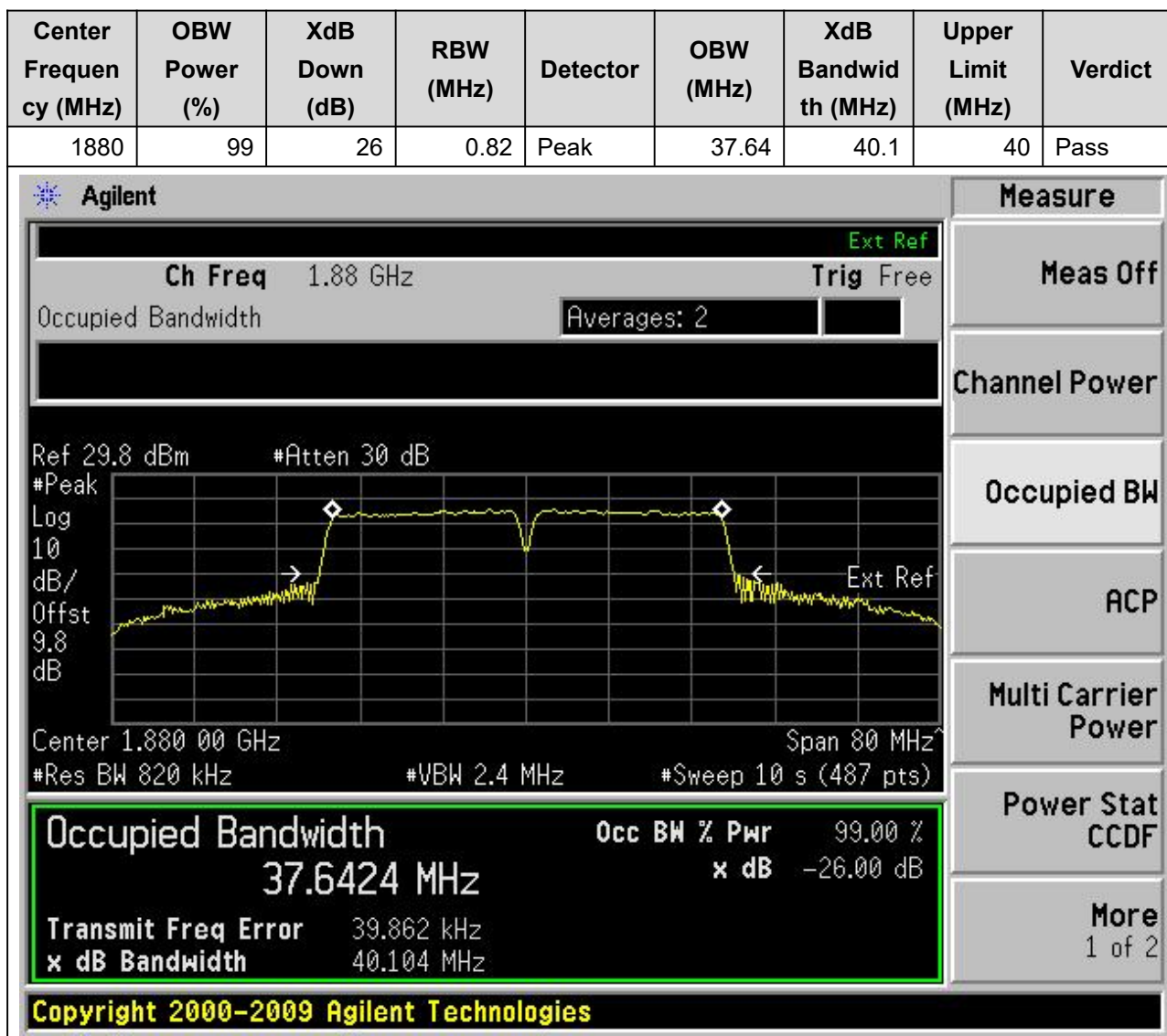
**19.18 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:18,
Channel:18826|18997, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**19.19 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:19,
Channel:18801|18999, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

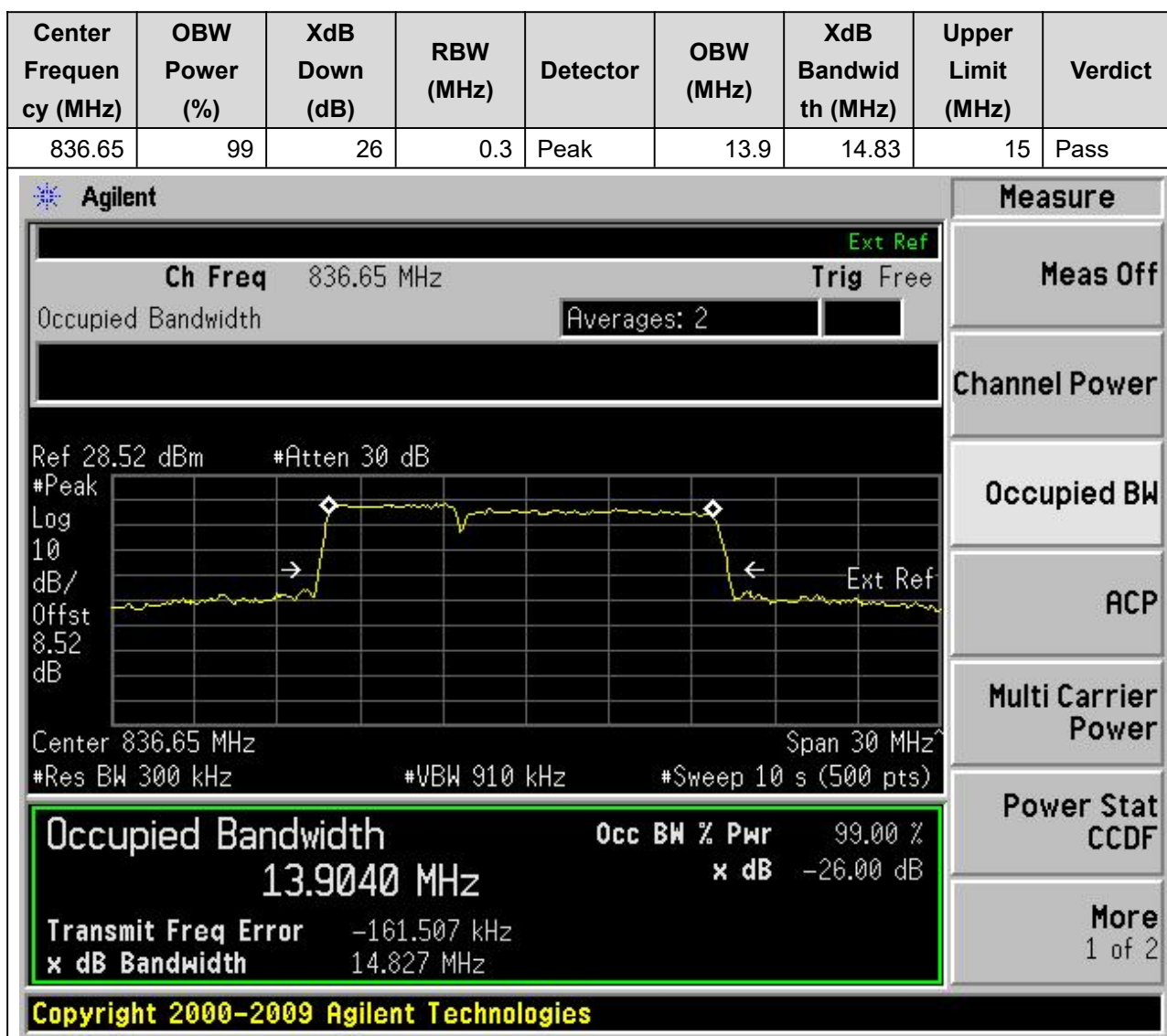


**19.20 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:20,
Channel:18801|18999, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

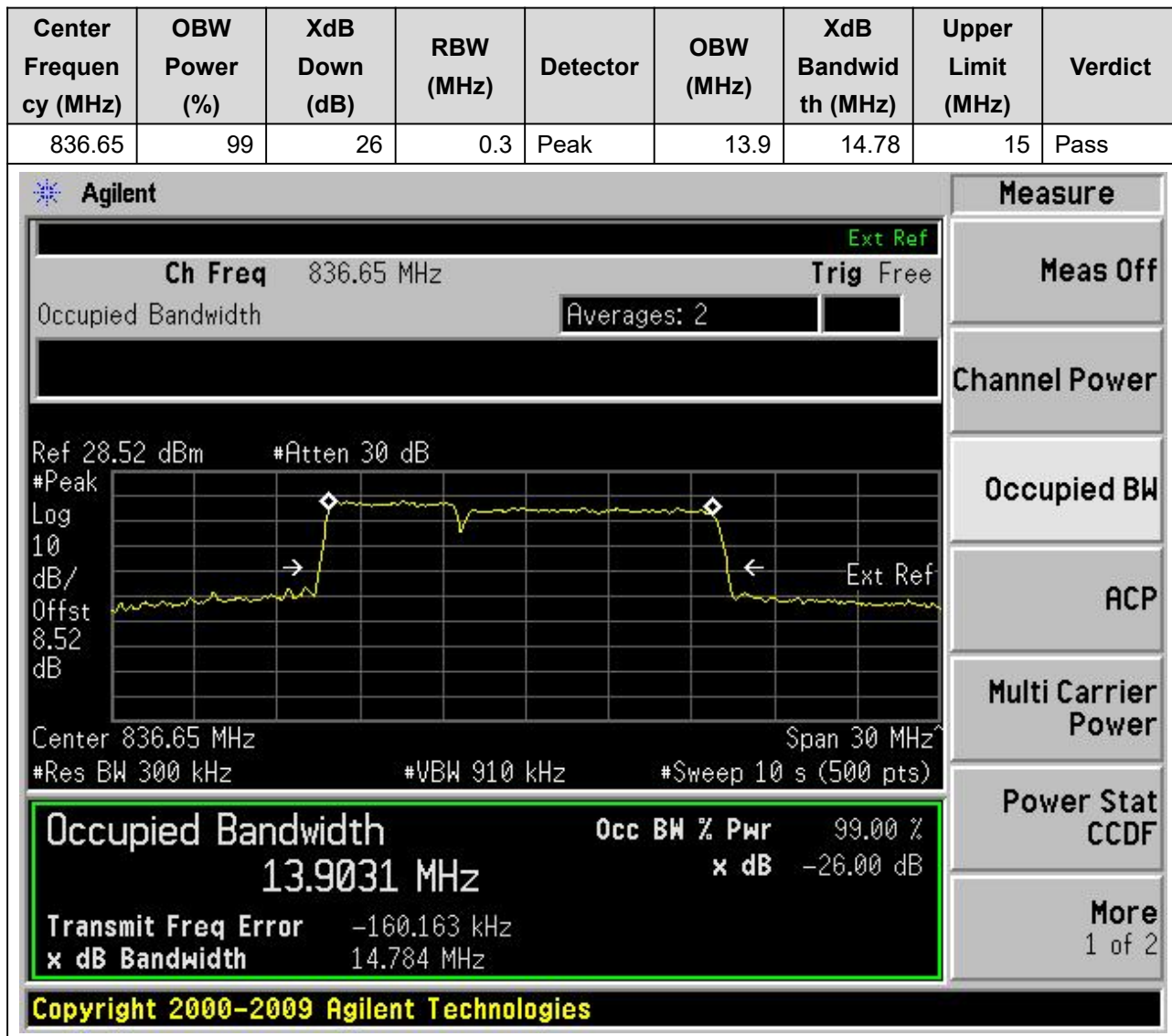


20. CA_5B

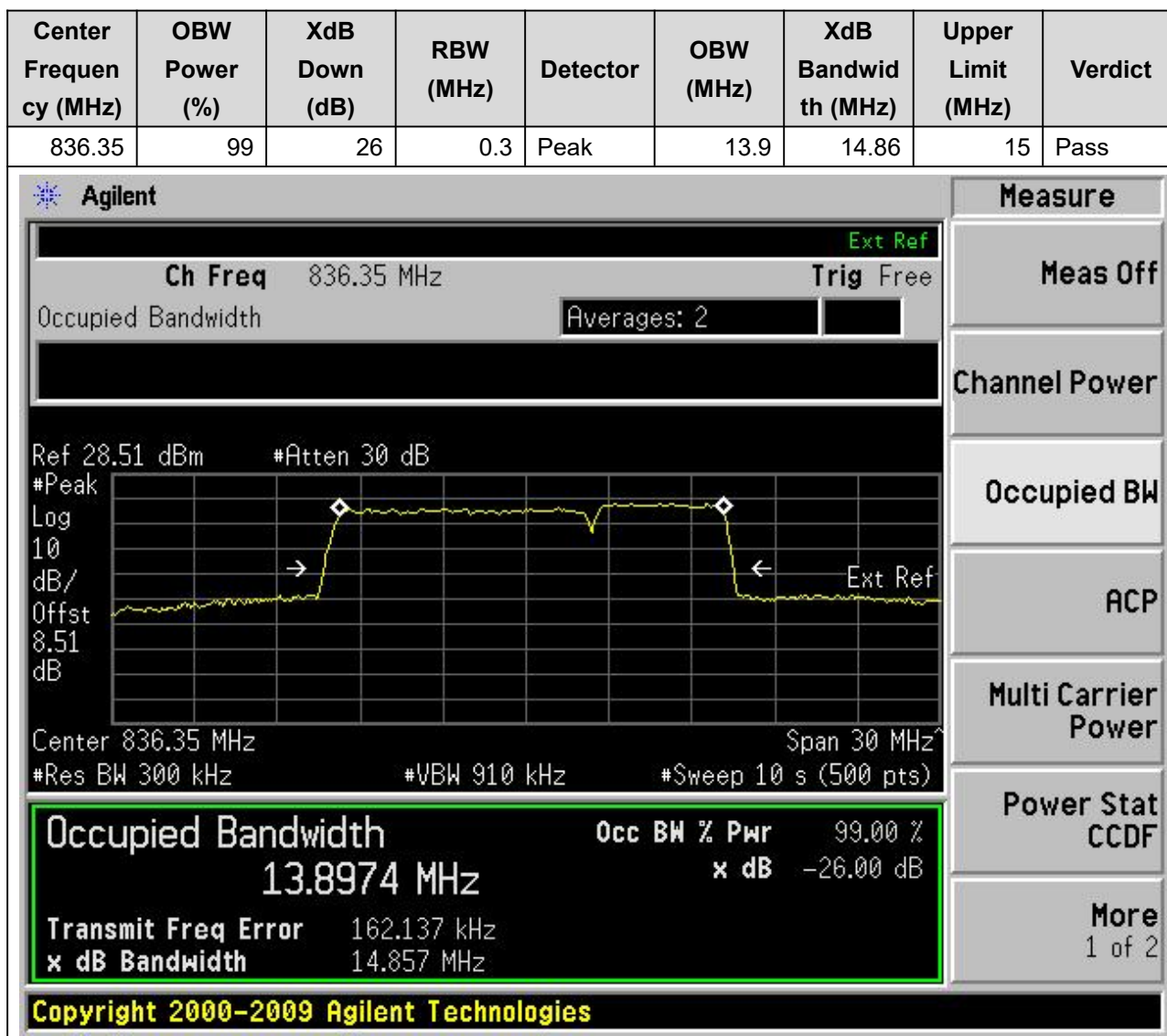
20.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



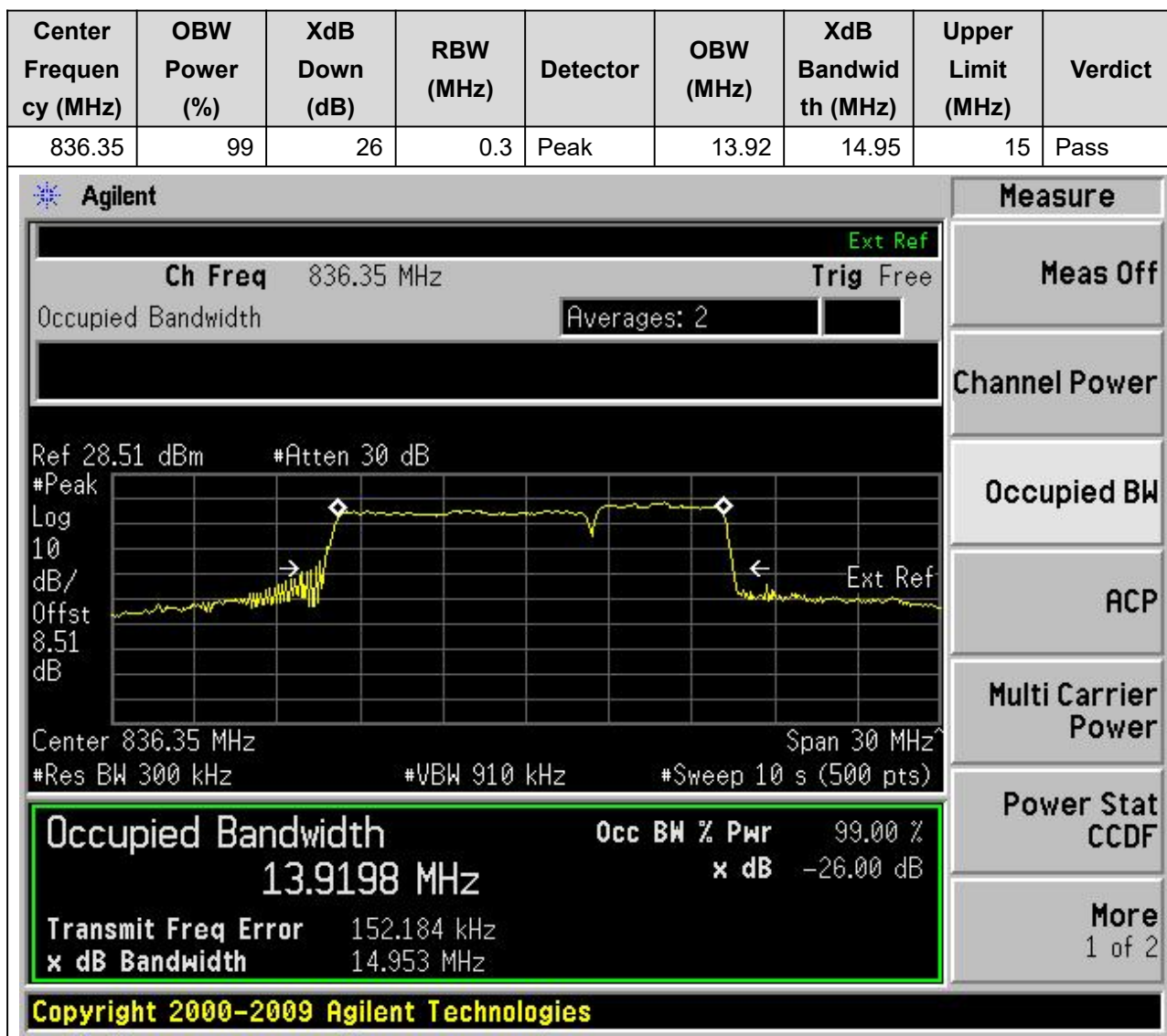
**20.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



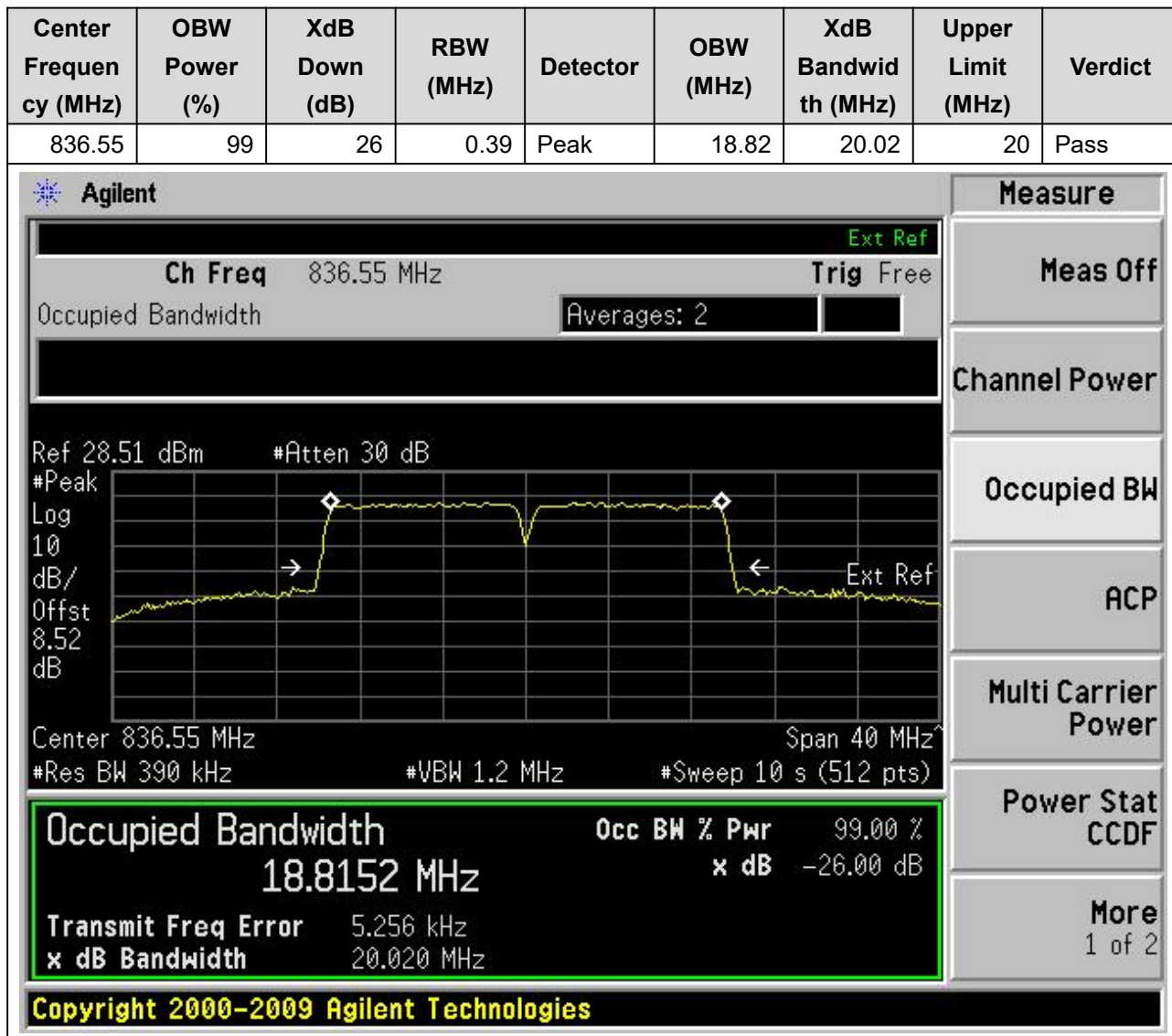
**20.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



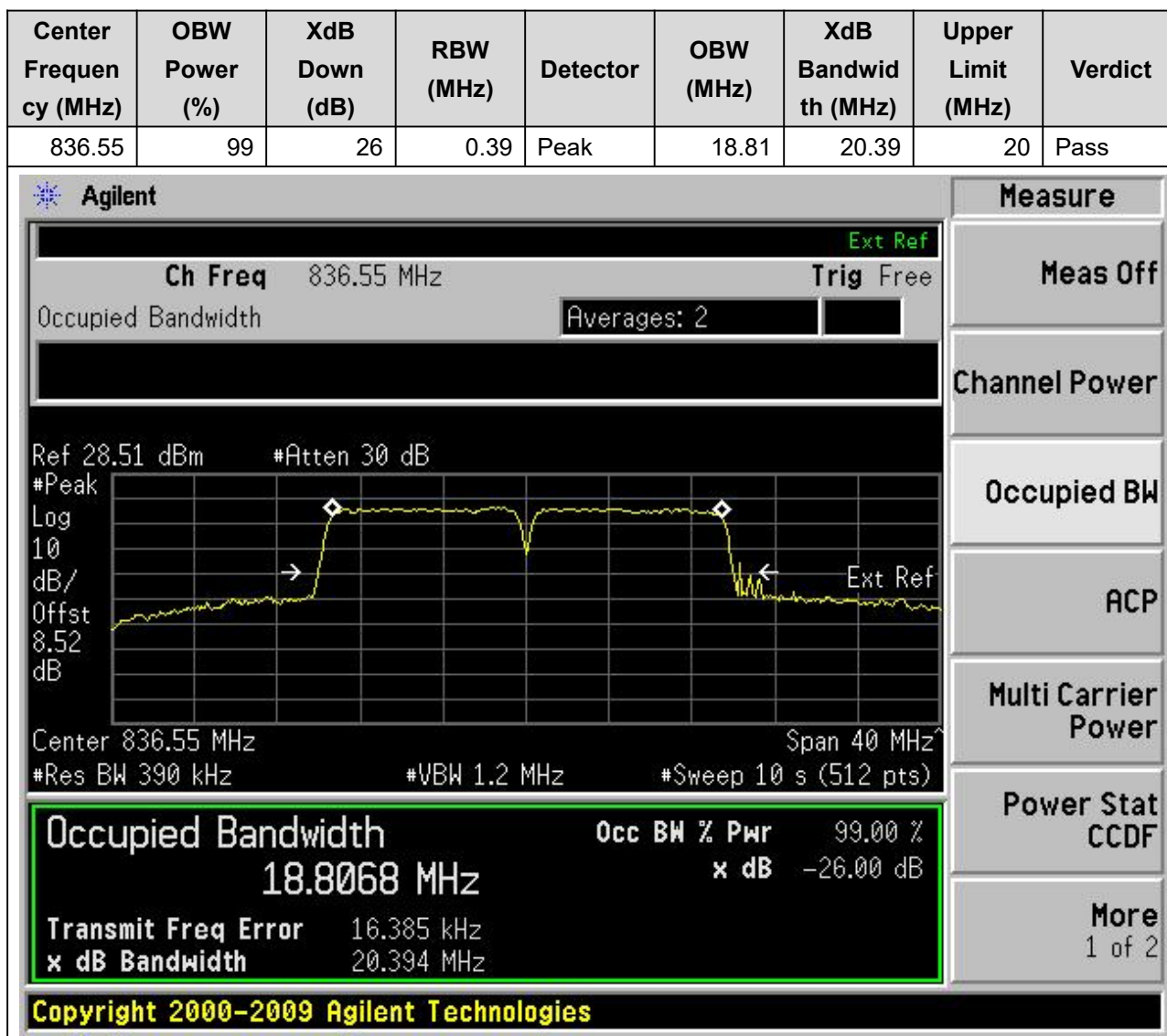
**20.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**20.5 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

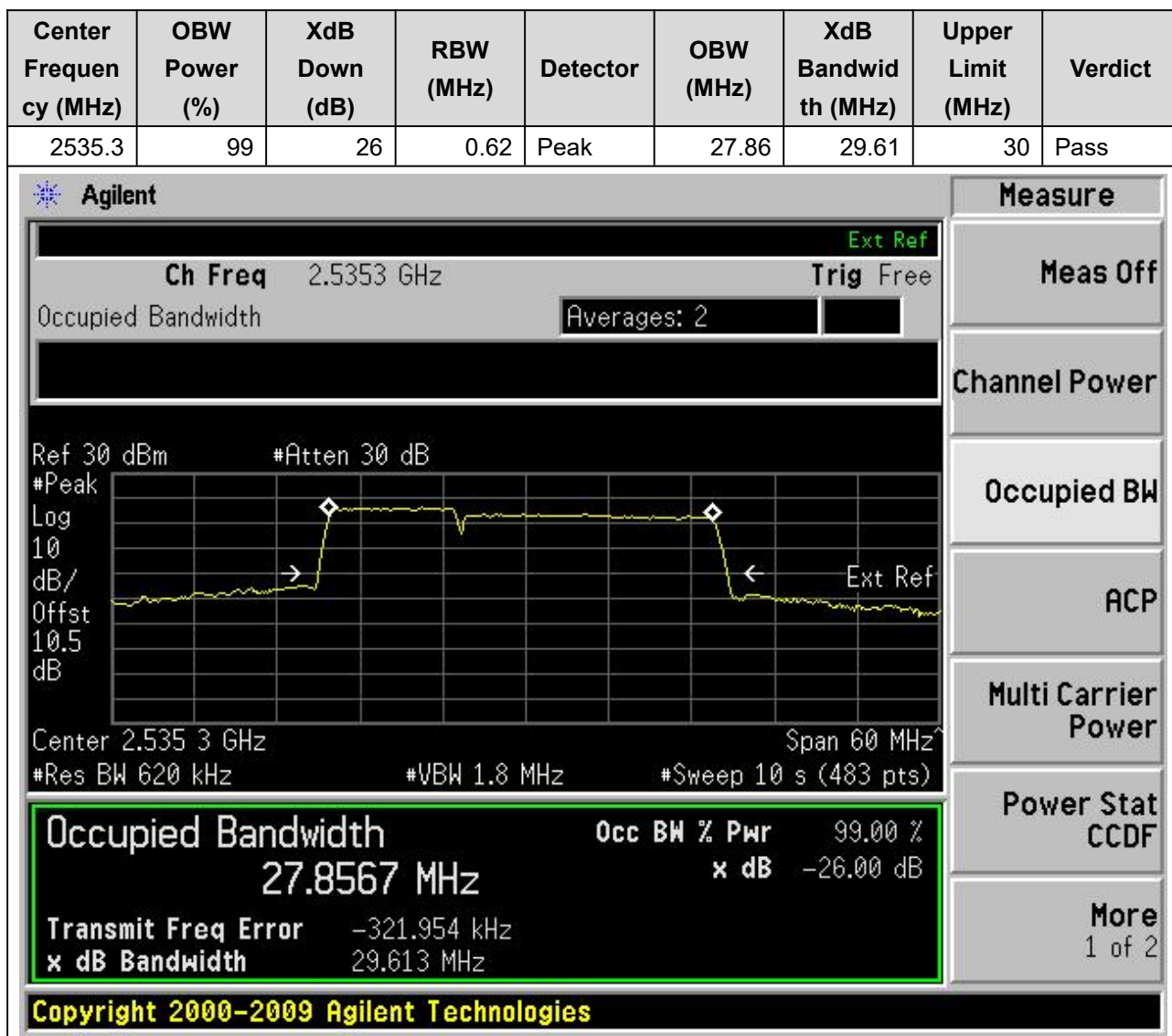


**20.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

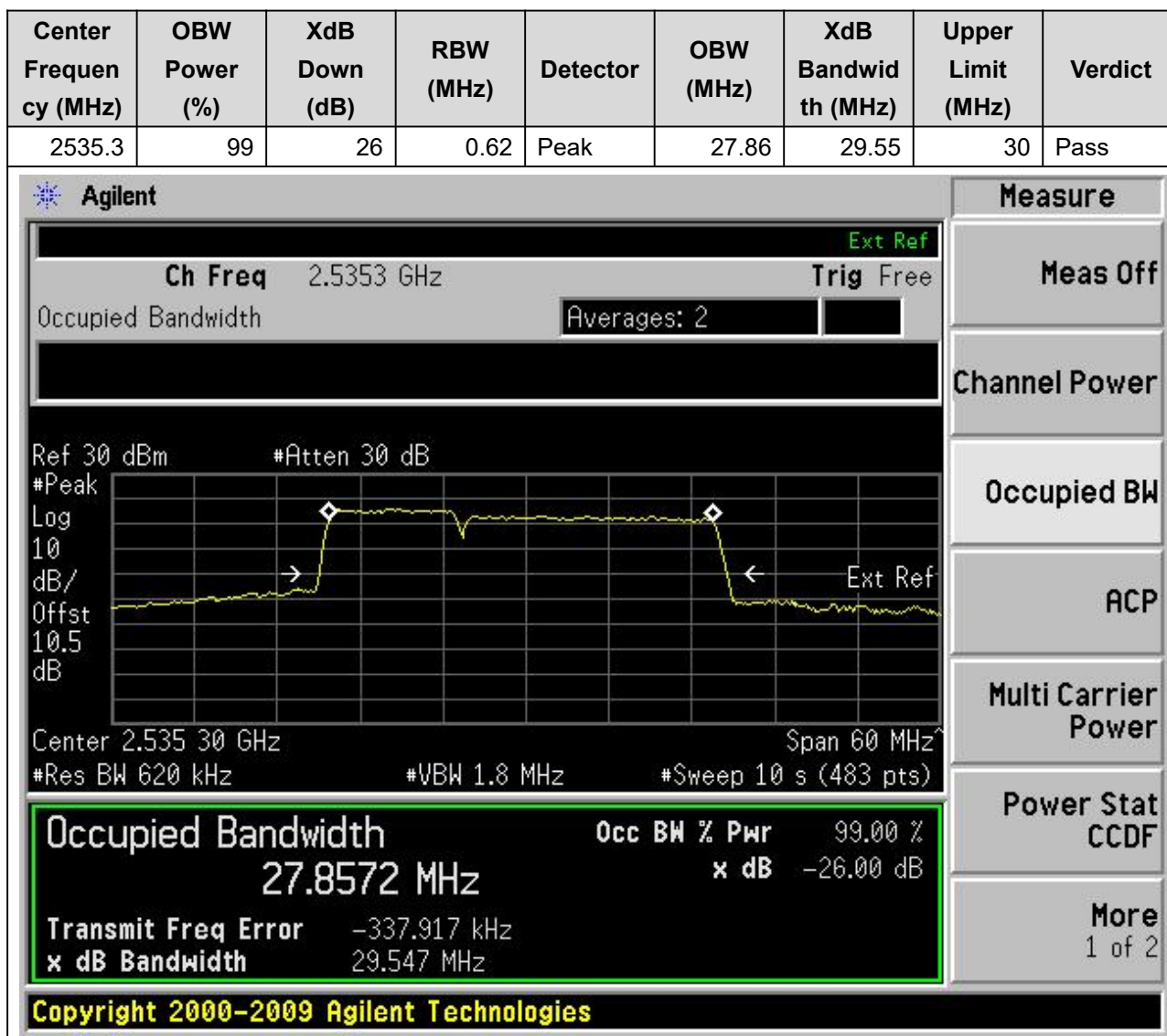


21. CA_7C

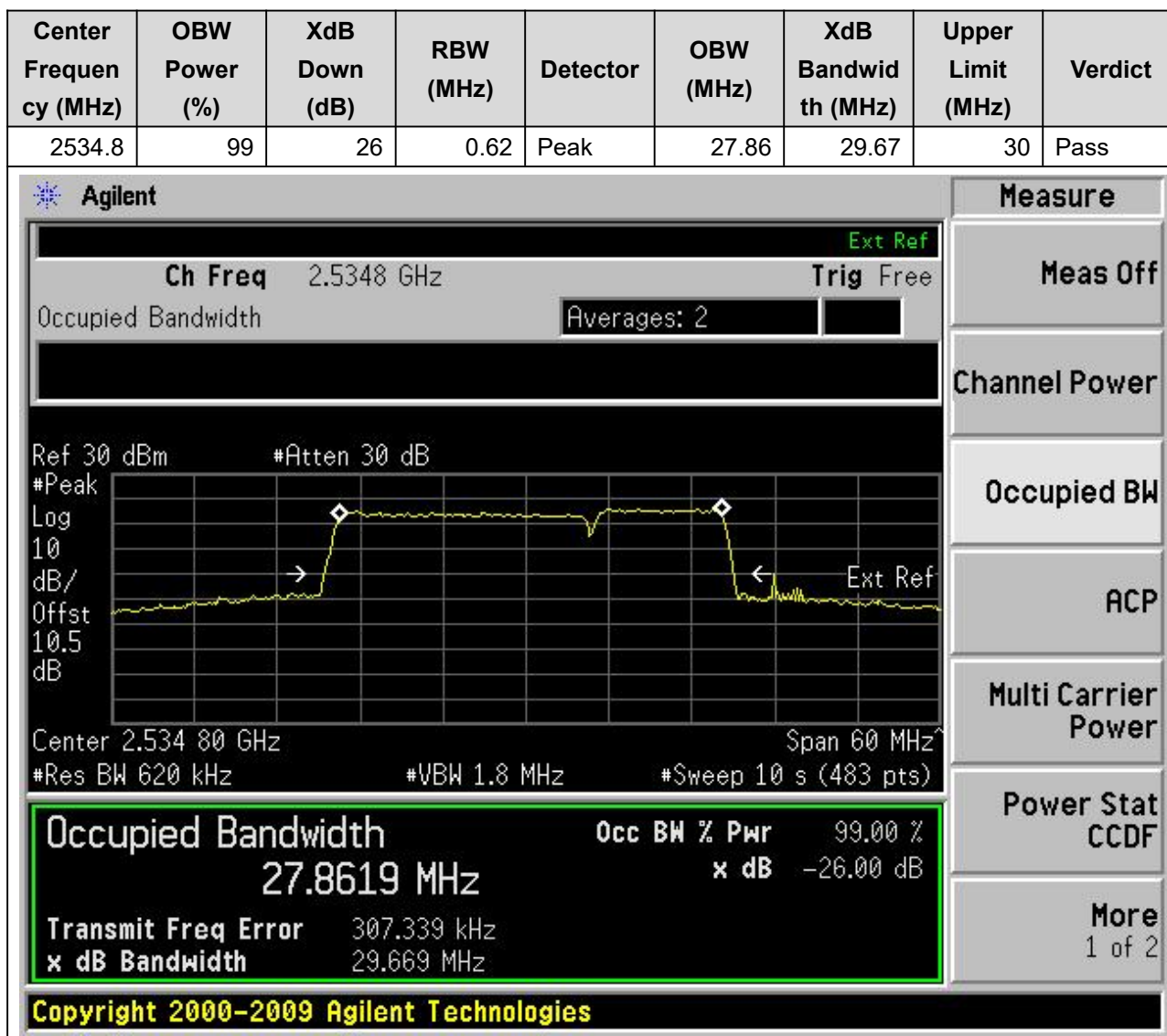
21.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



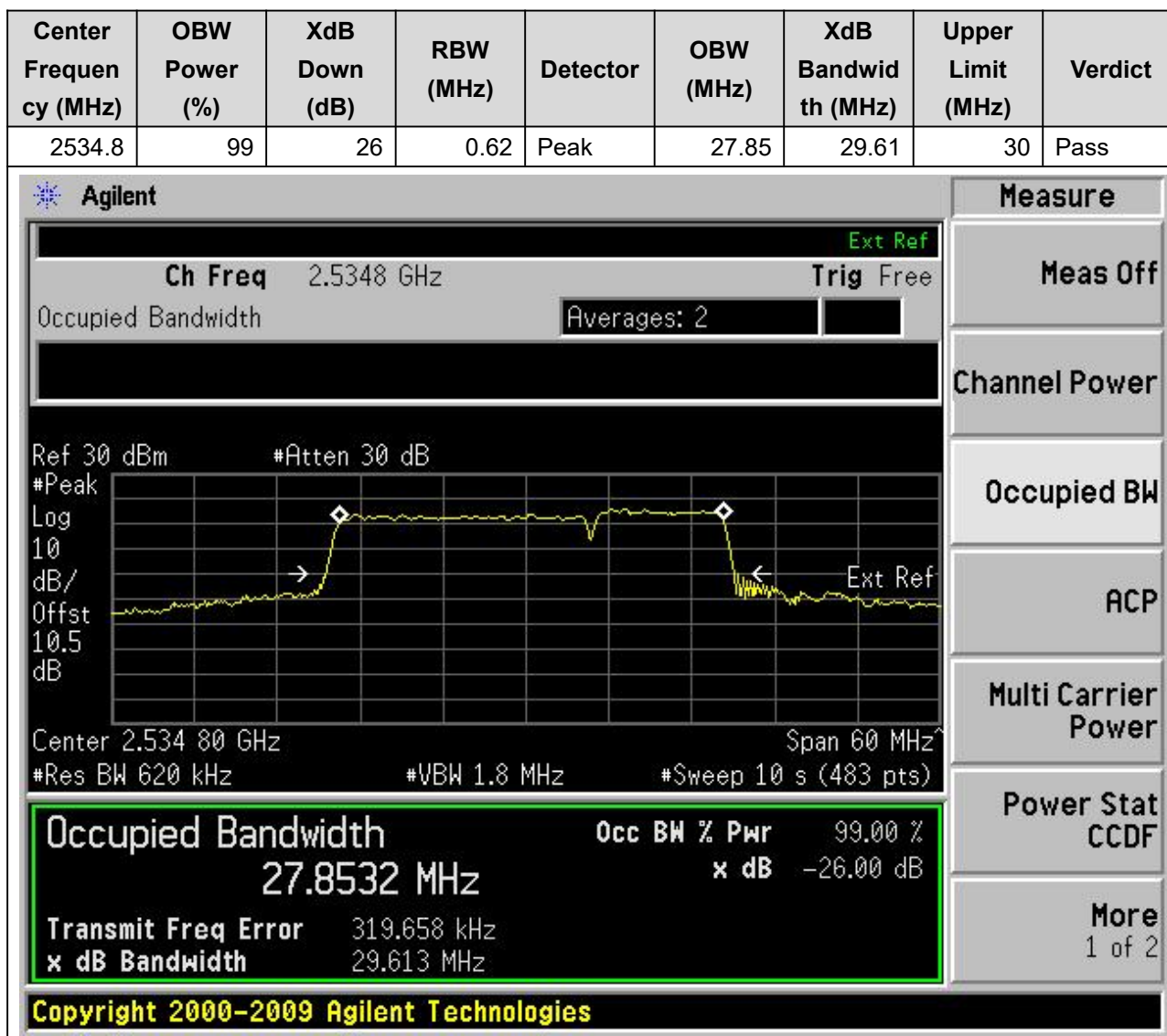
**21.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



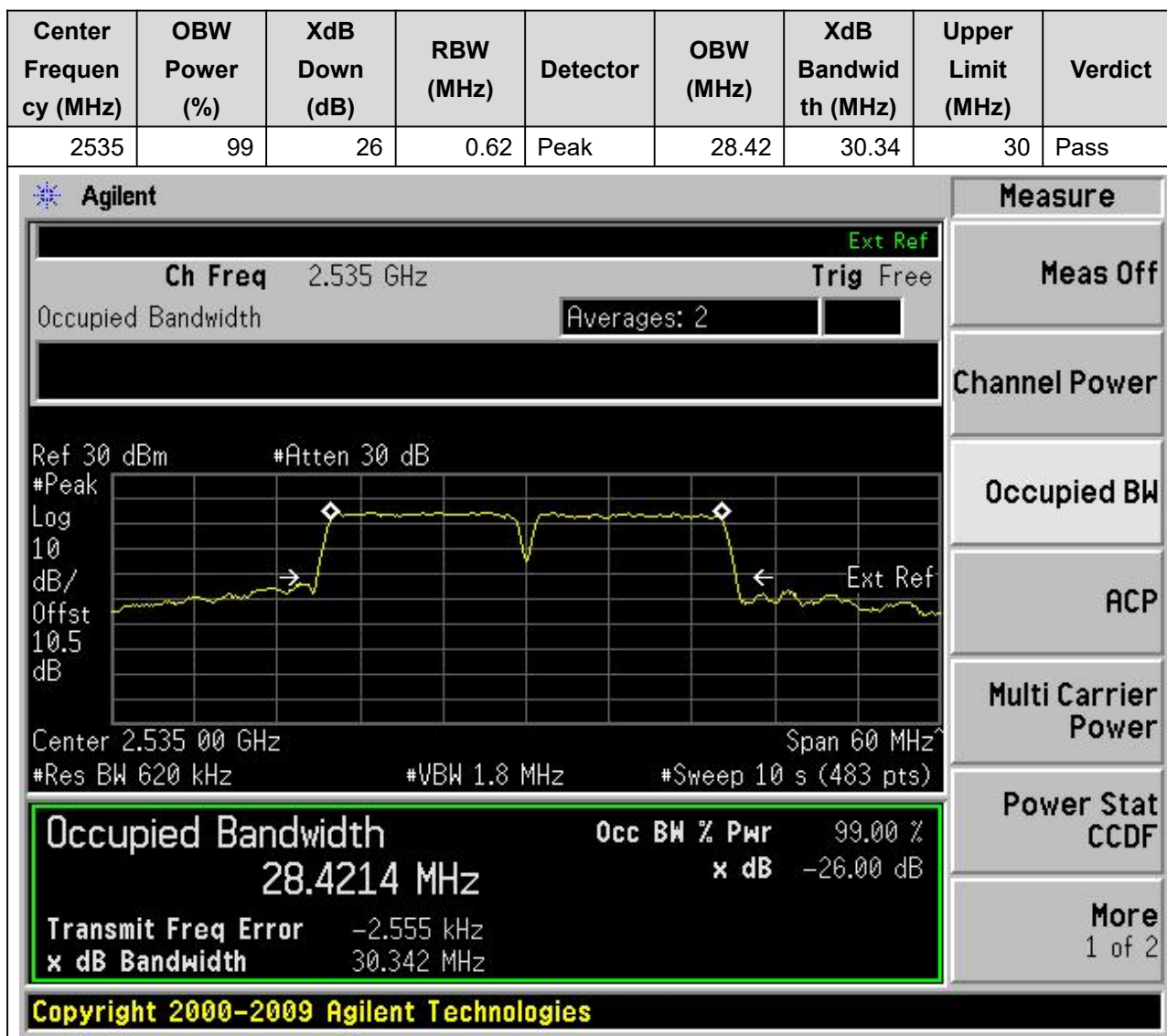
**21.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



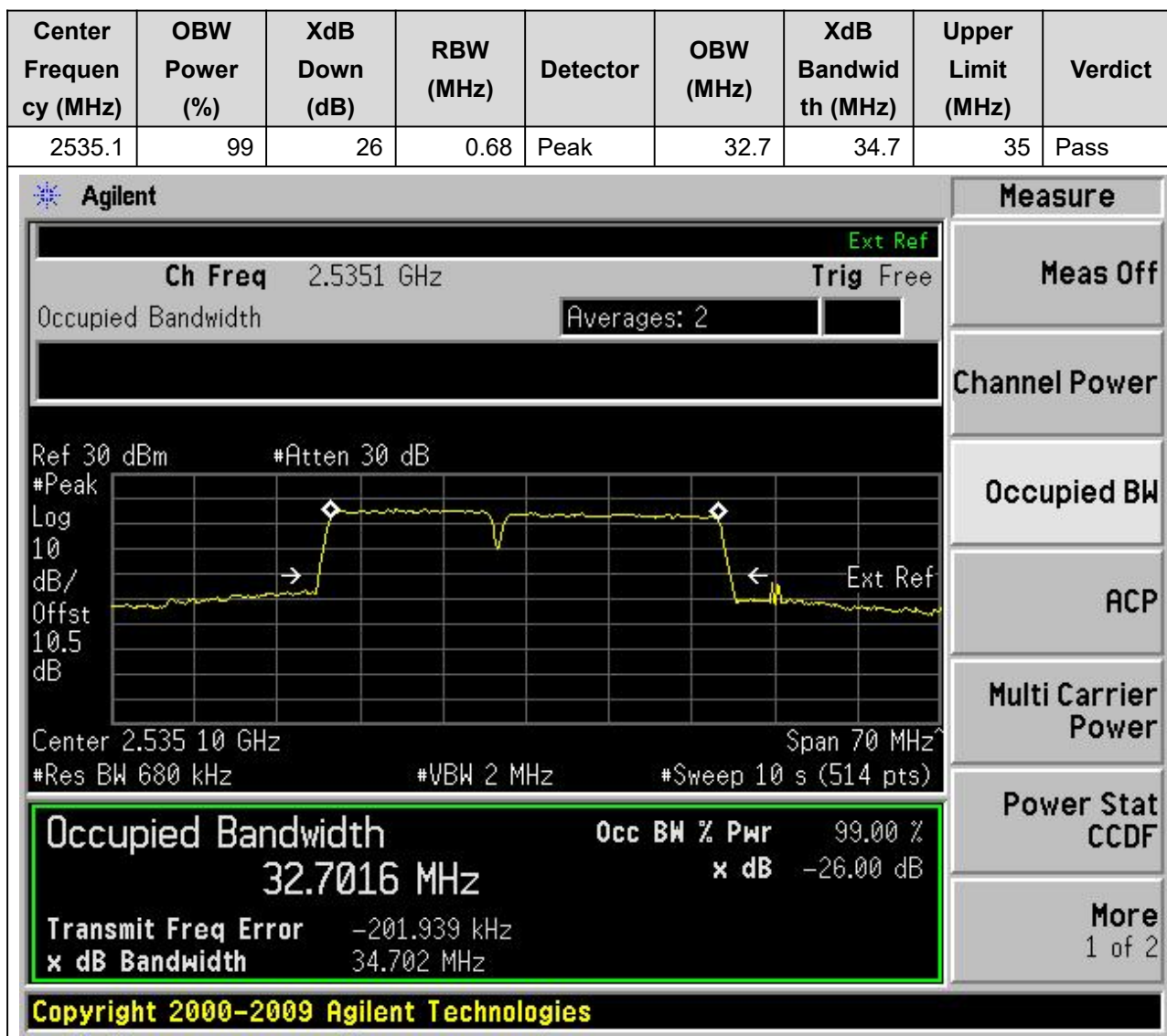
**21.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



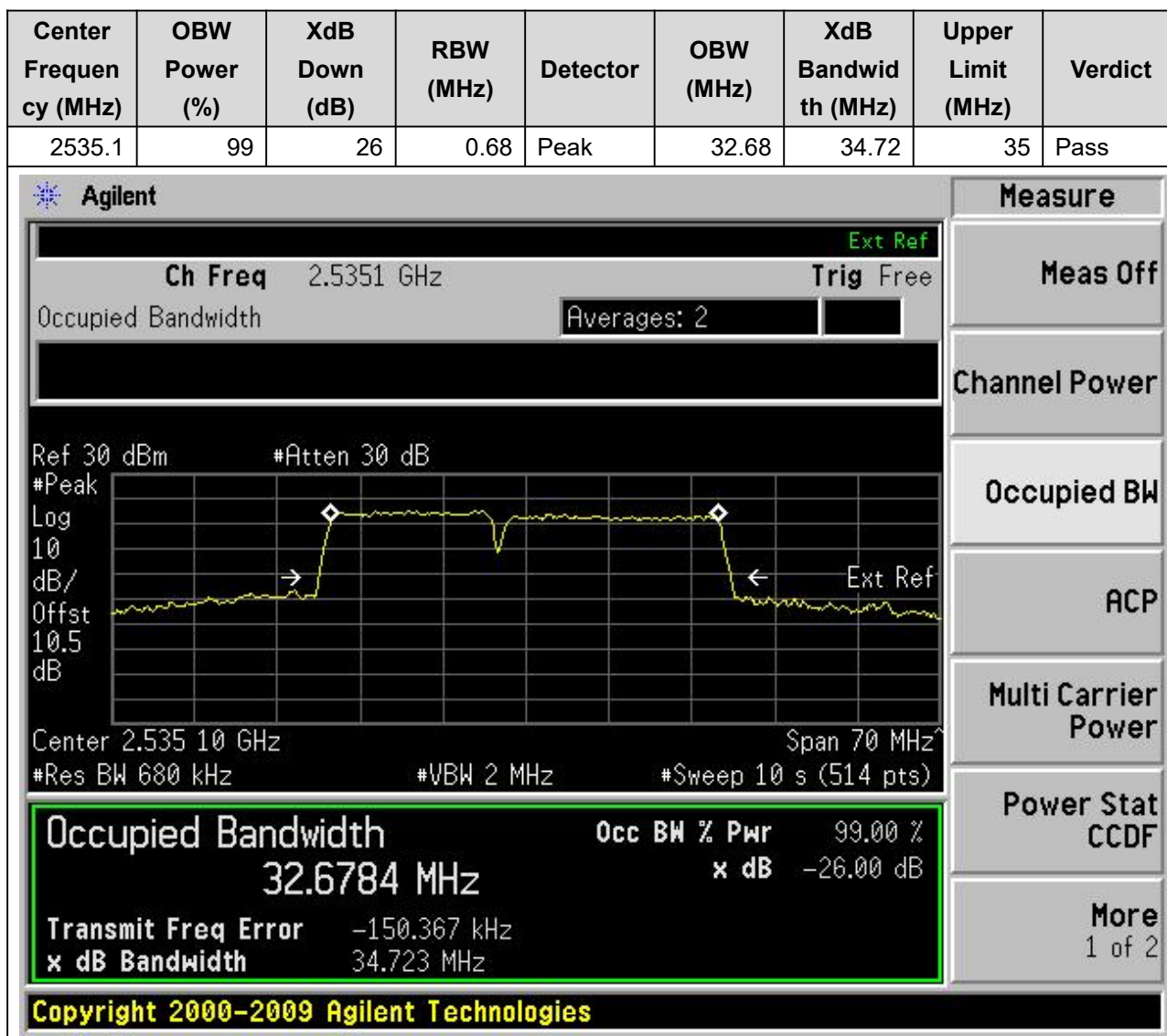
**21.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



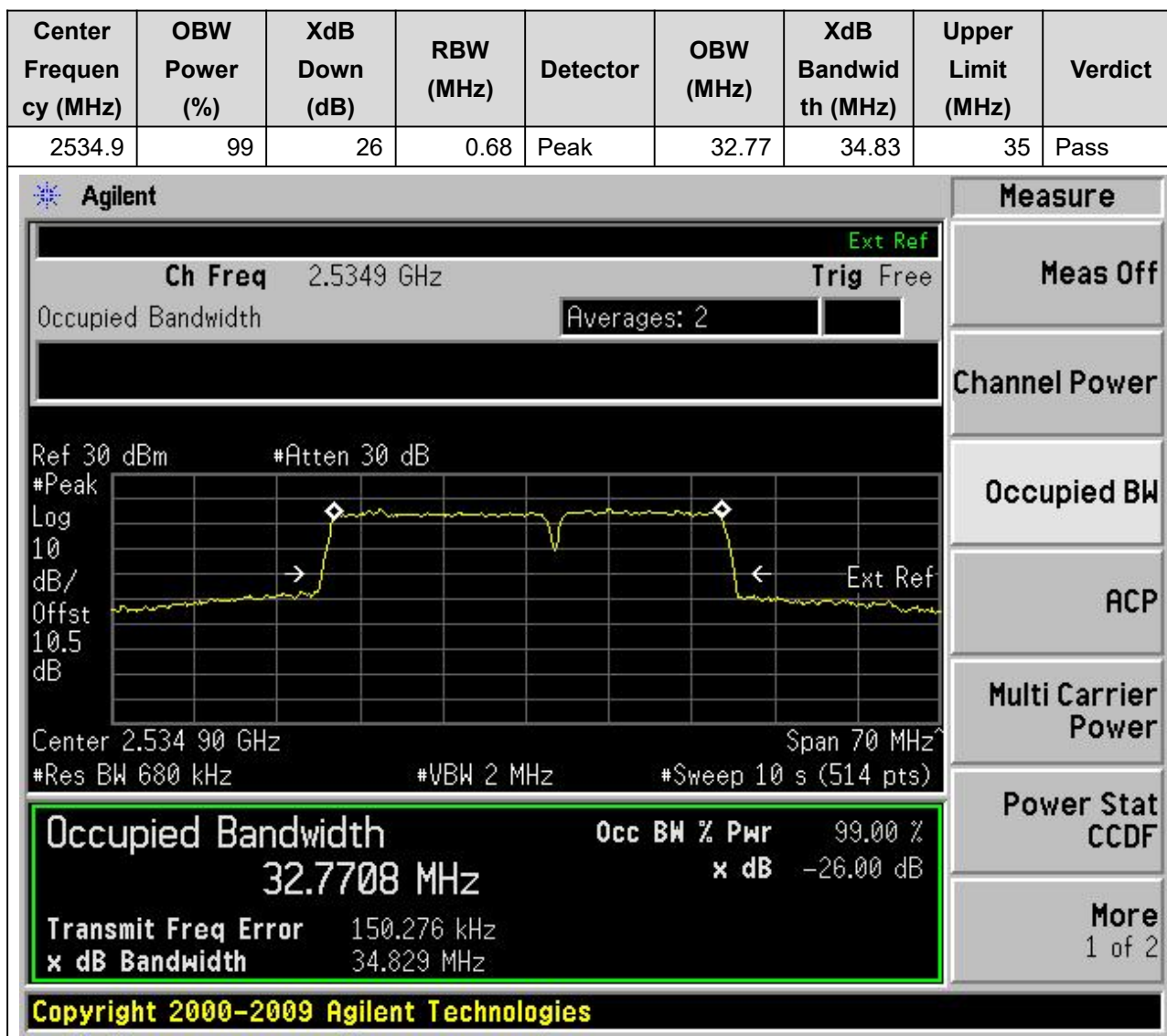
**21.7 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



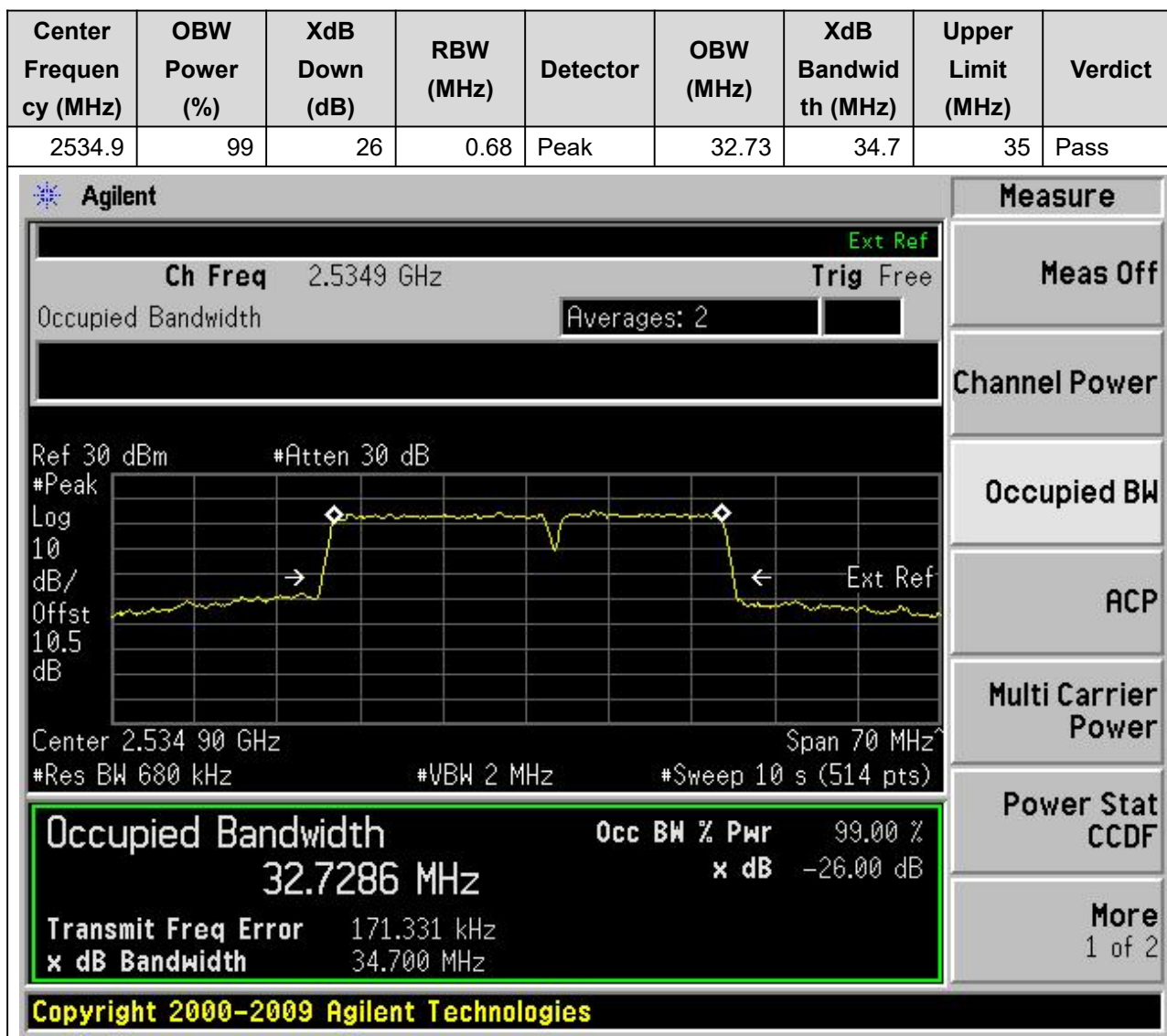
**21.8 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



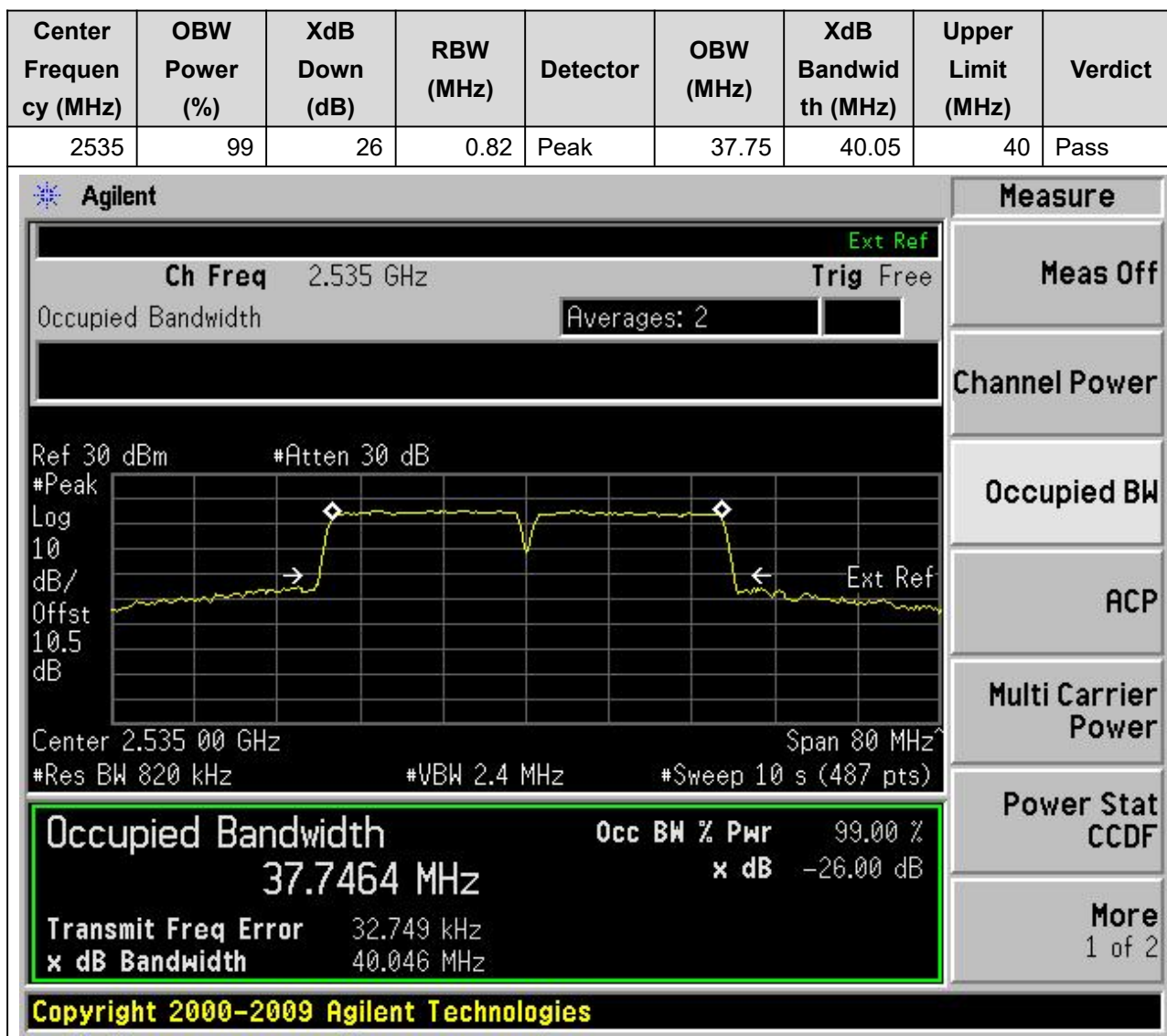
**21.9 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



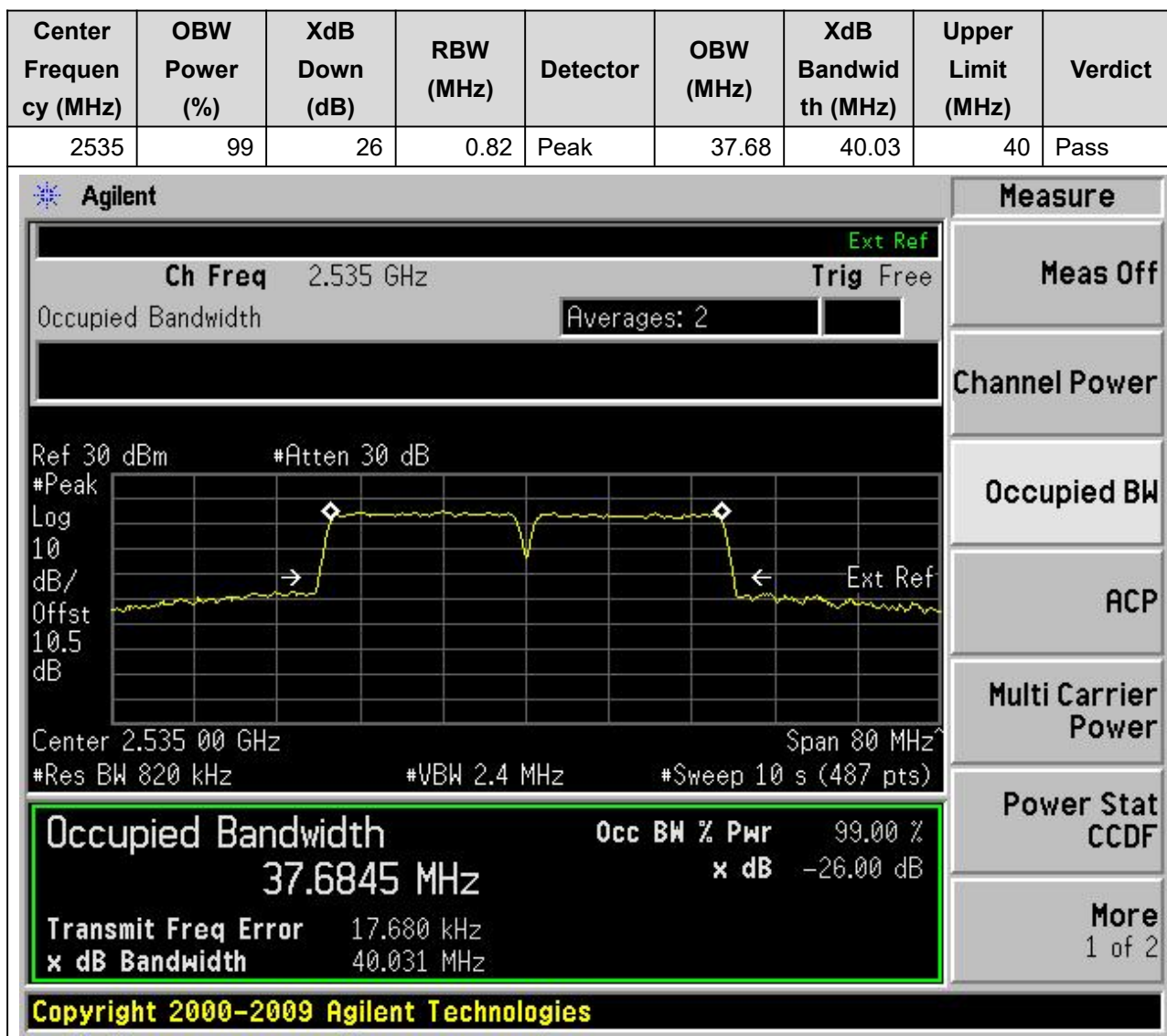
**21.10 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**21.11 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

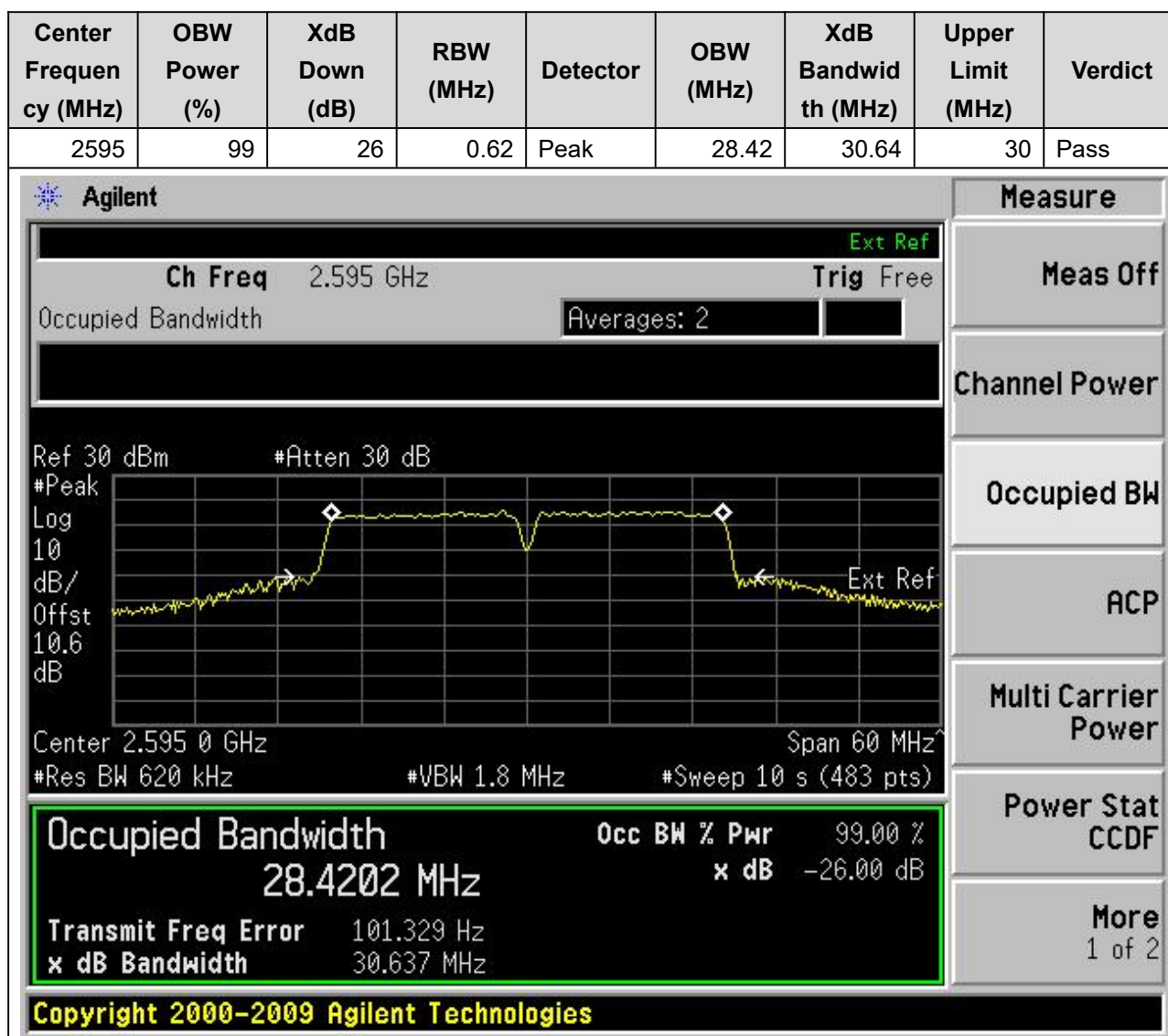


**21.12 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

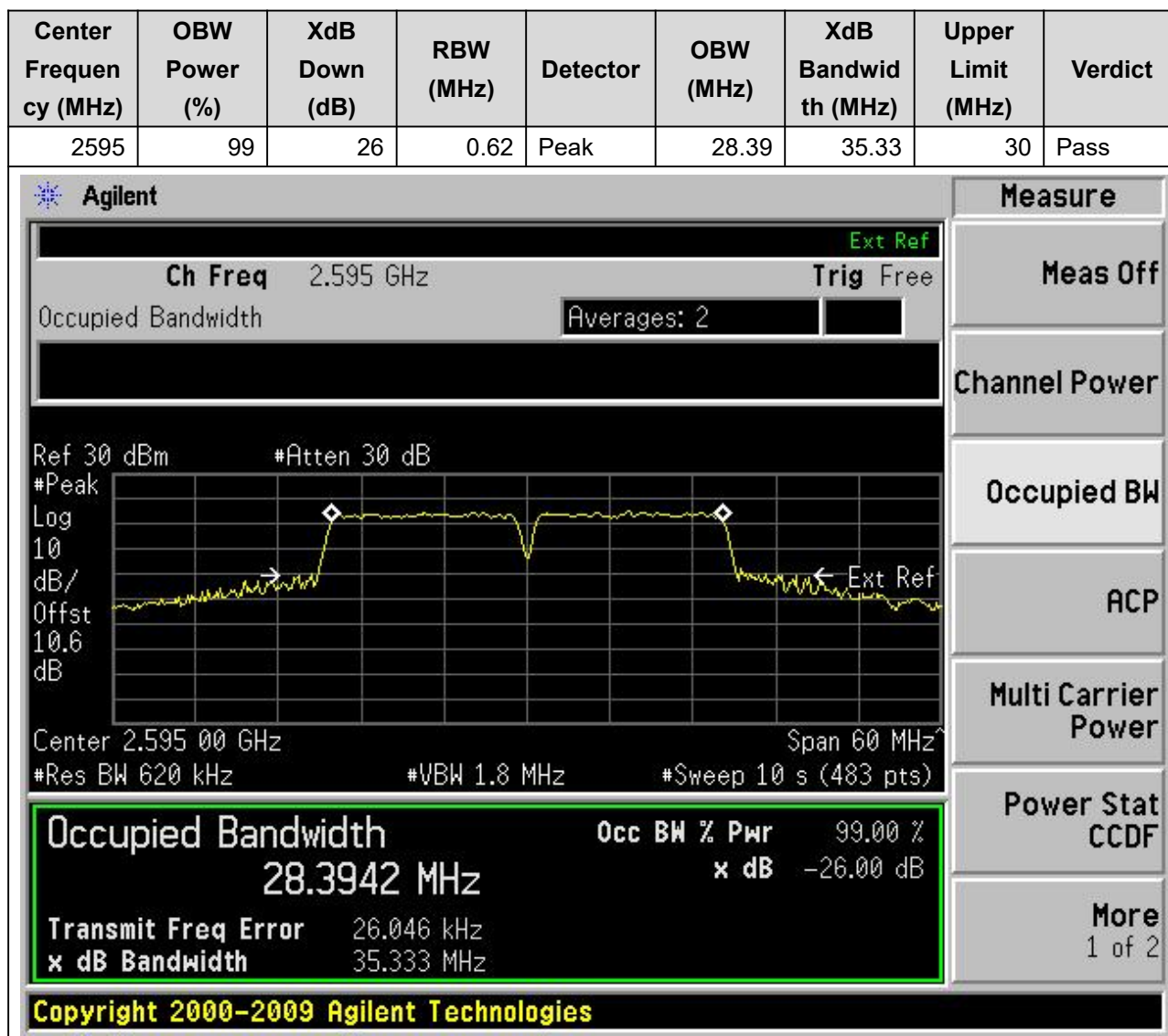


22. CA_38C

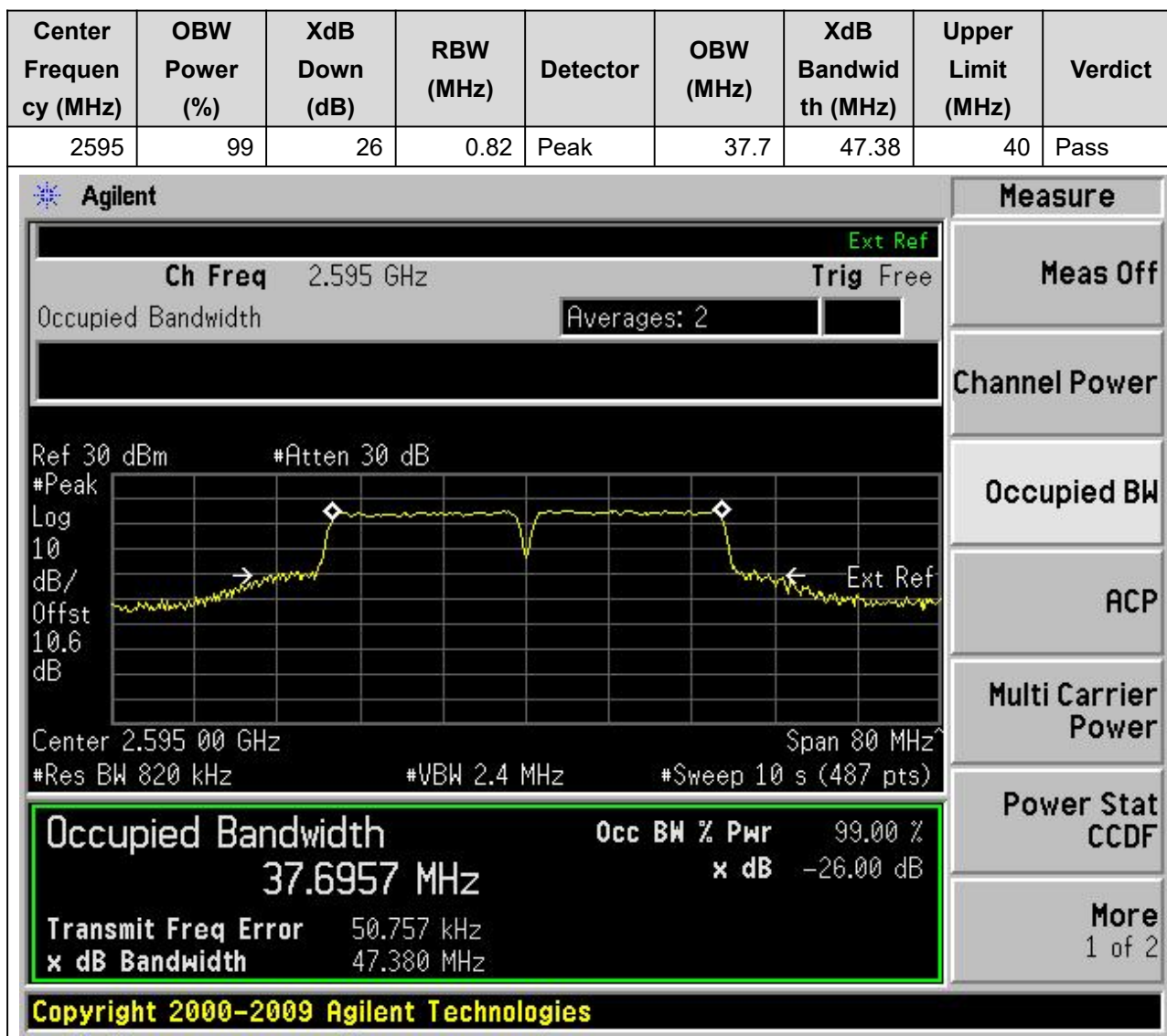
22.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



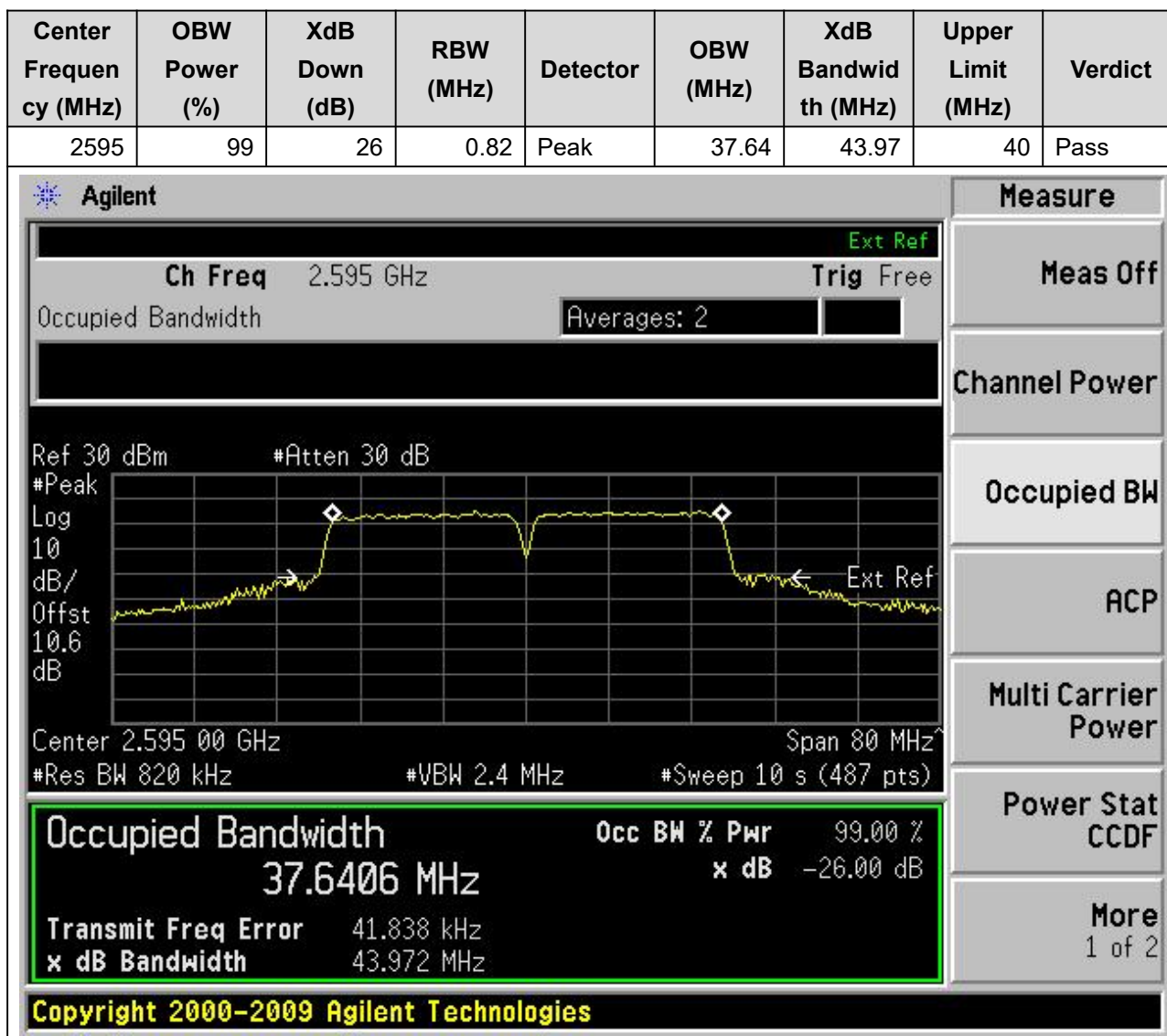
**22.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**22.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

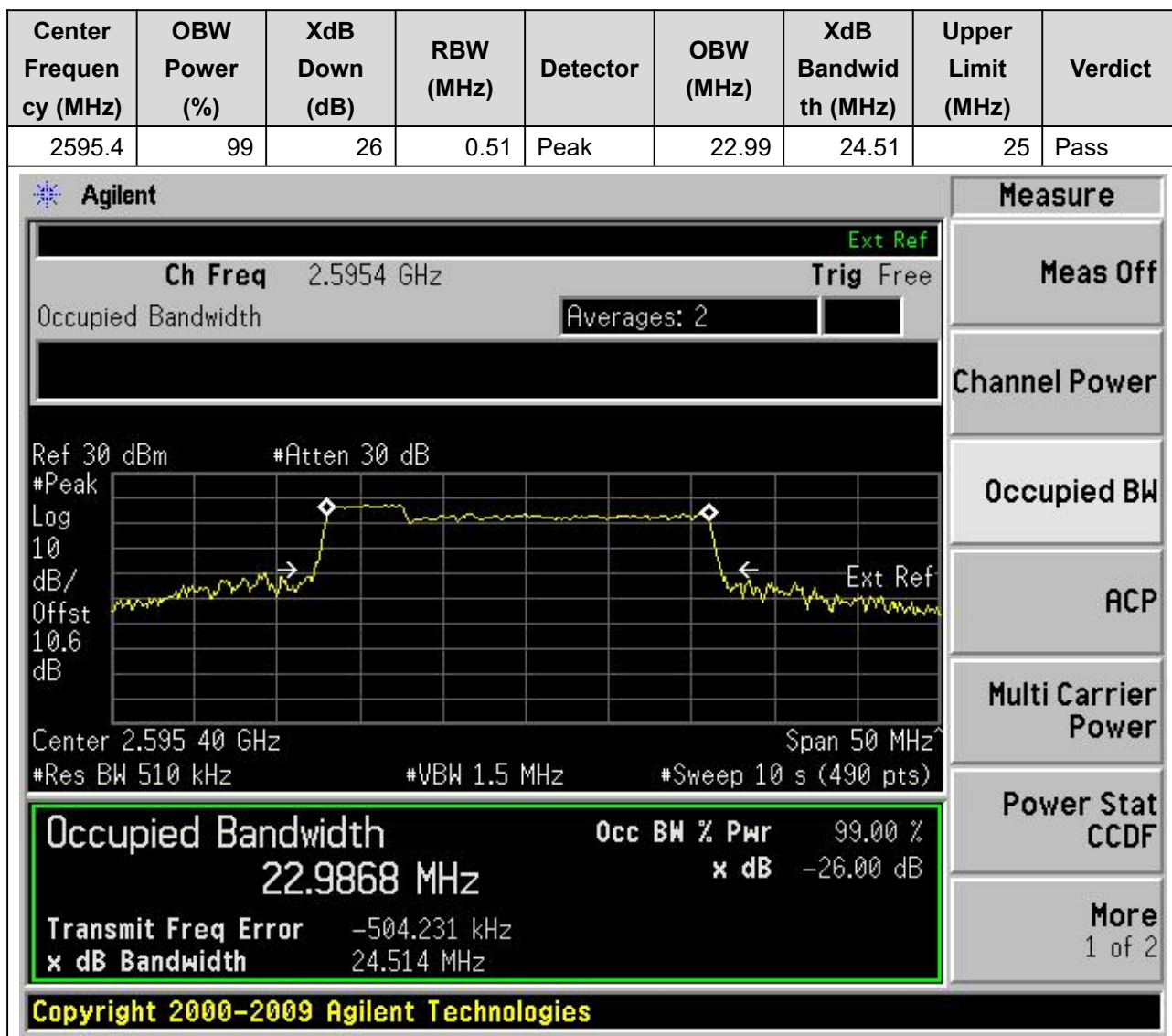


**22.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



23. CA_41C_2535-2655

23.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:40548|40665, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



**23.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:40548|40665, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

