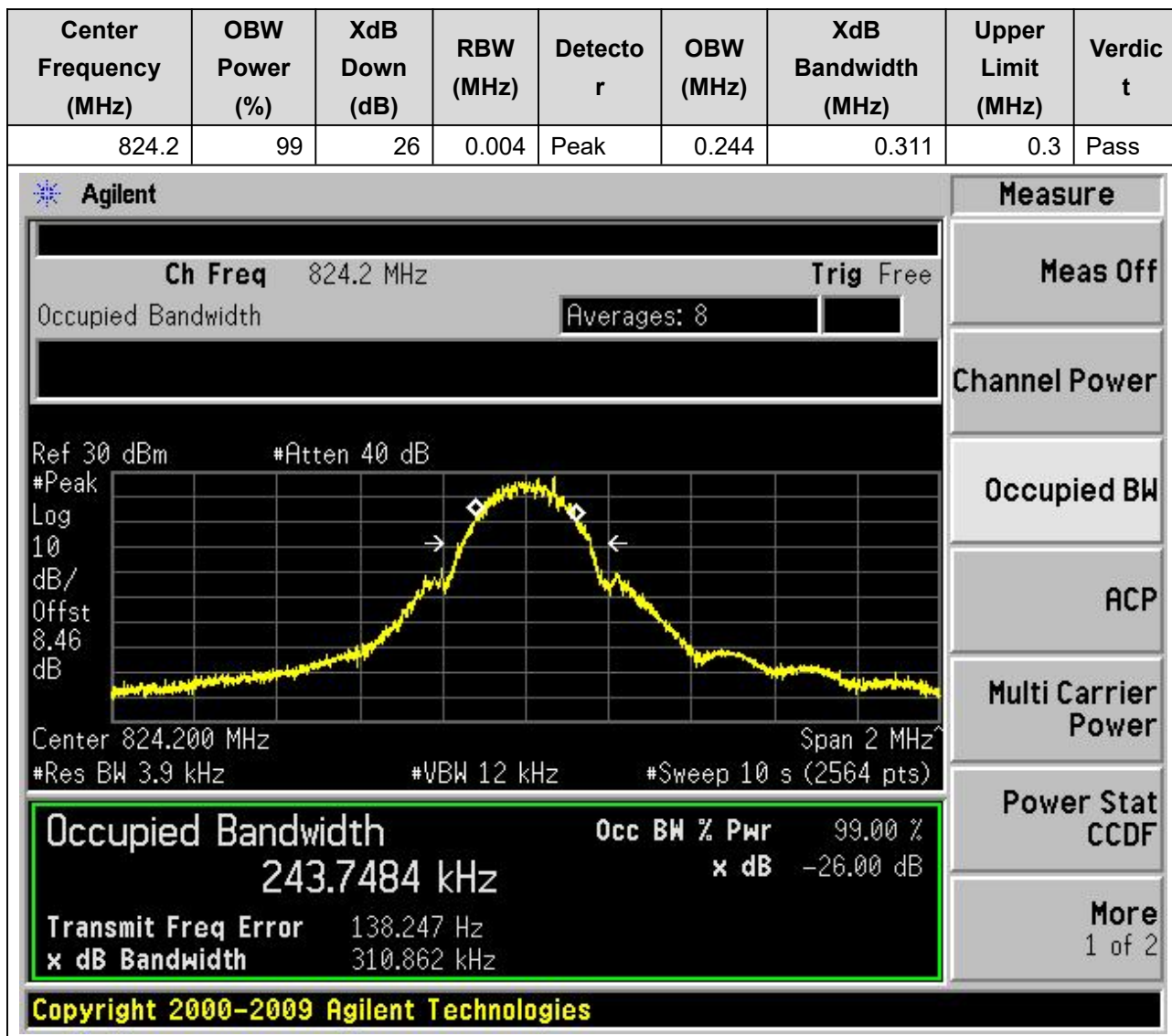


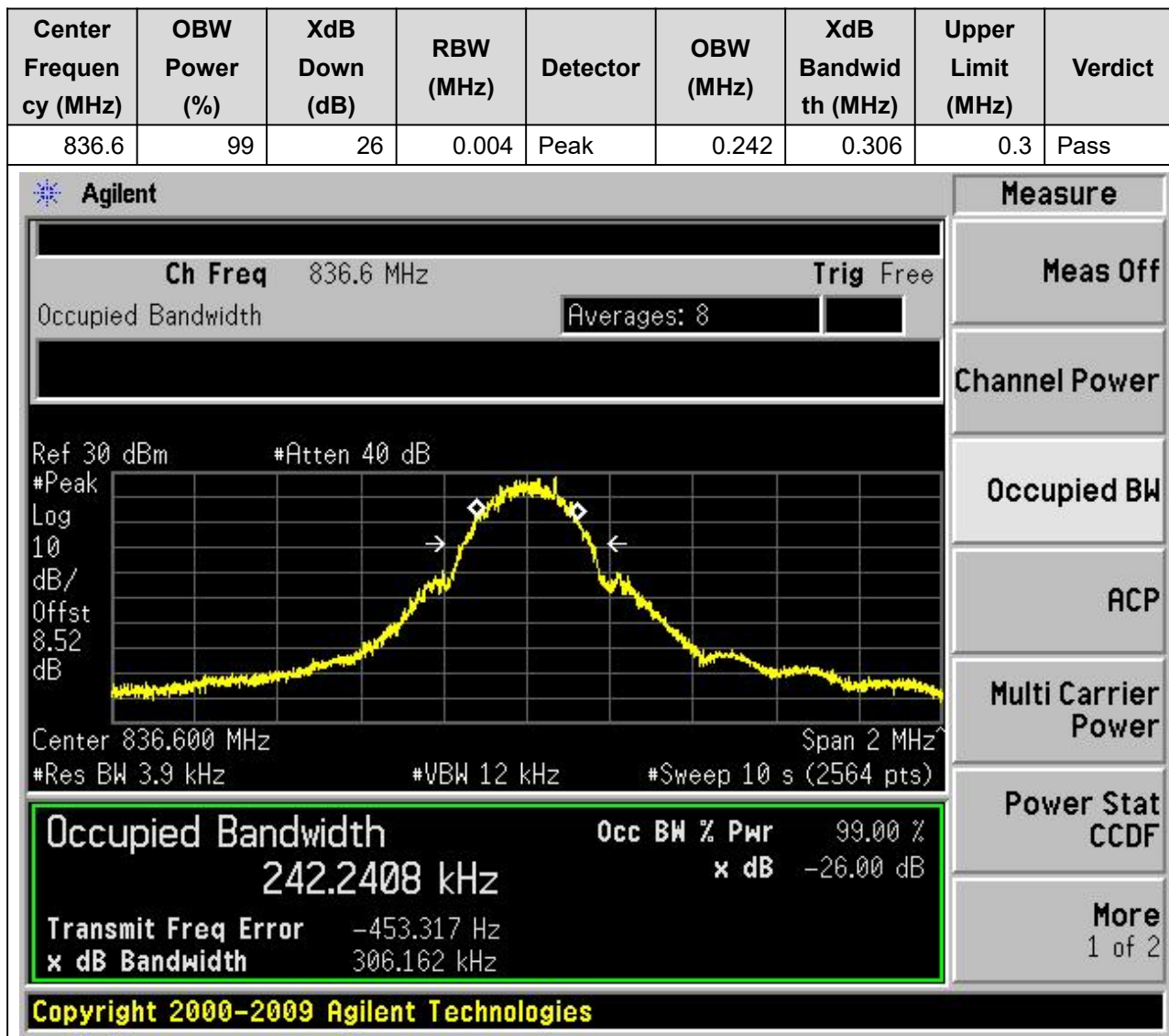
Annex A.3 Occupied Bandwidth

1. GSM_GSM850

1.1 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:128)

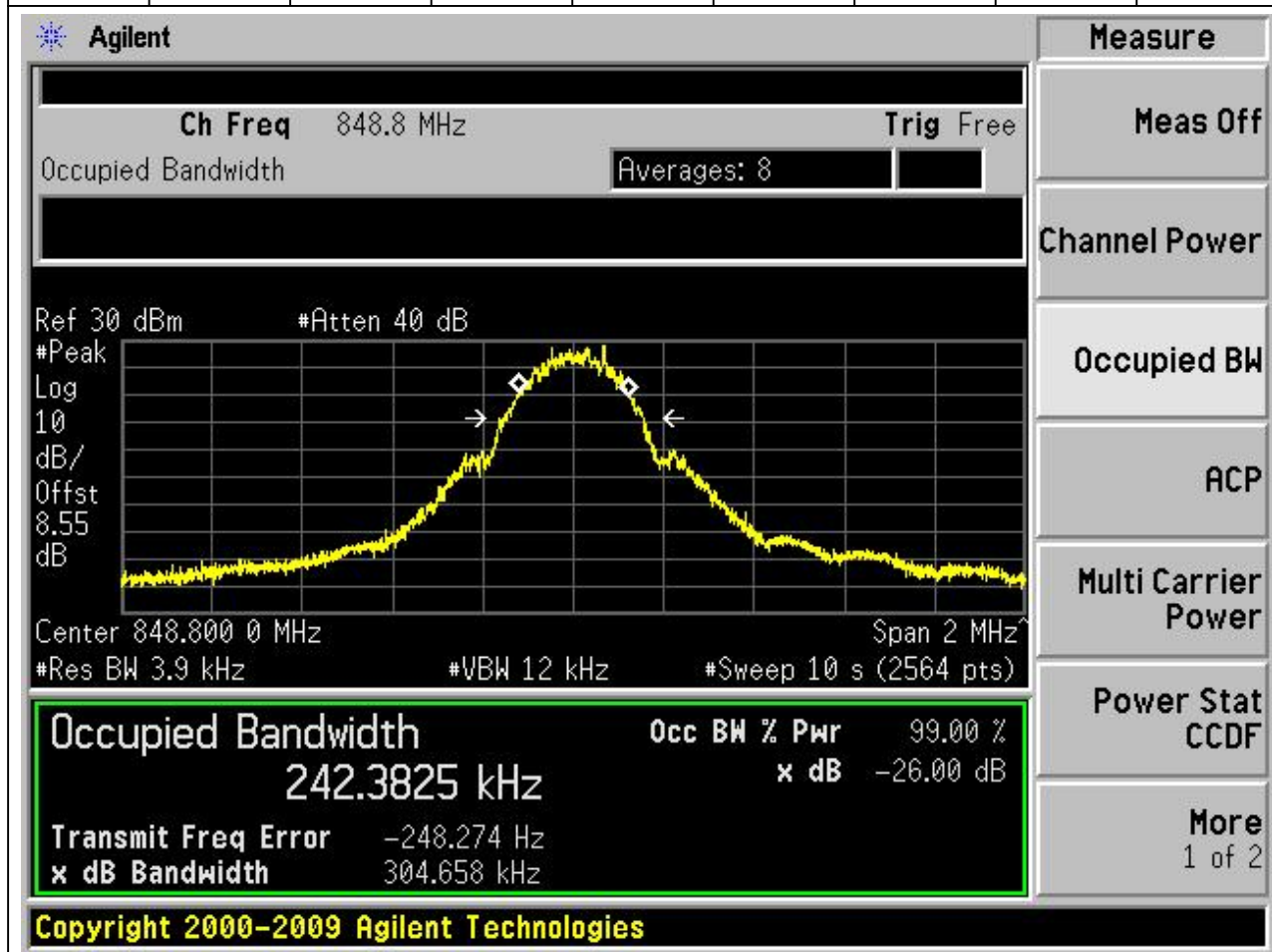


1.2 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:190)



1.3 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:251)

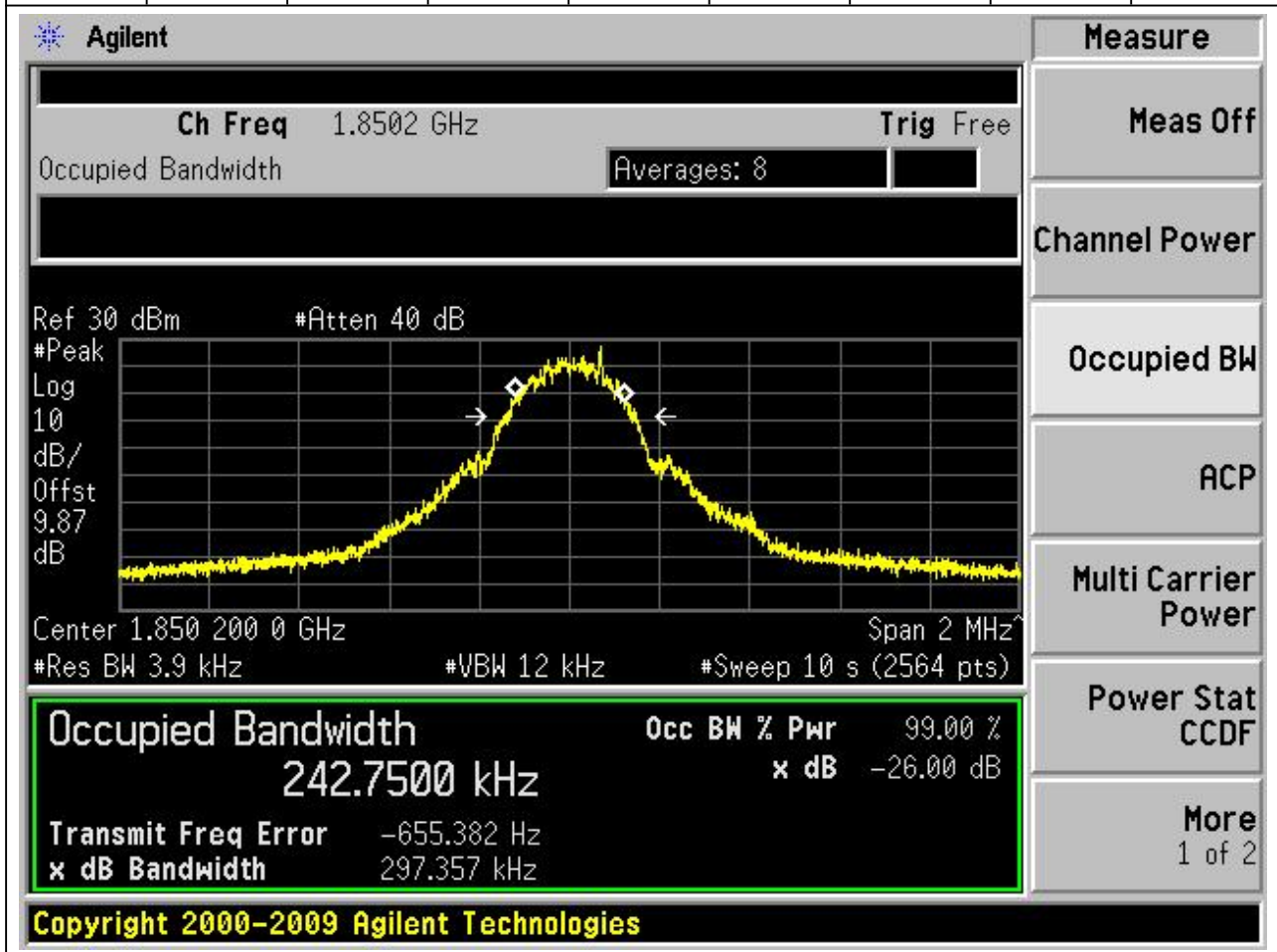
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.242	0.305	0.3	Pass



2. GSM_PCS

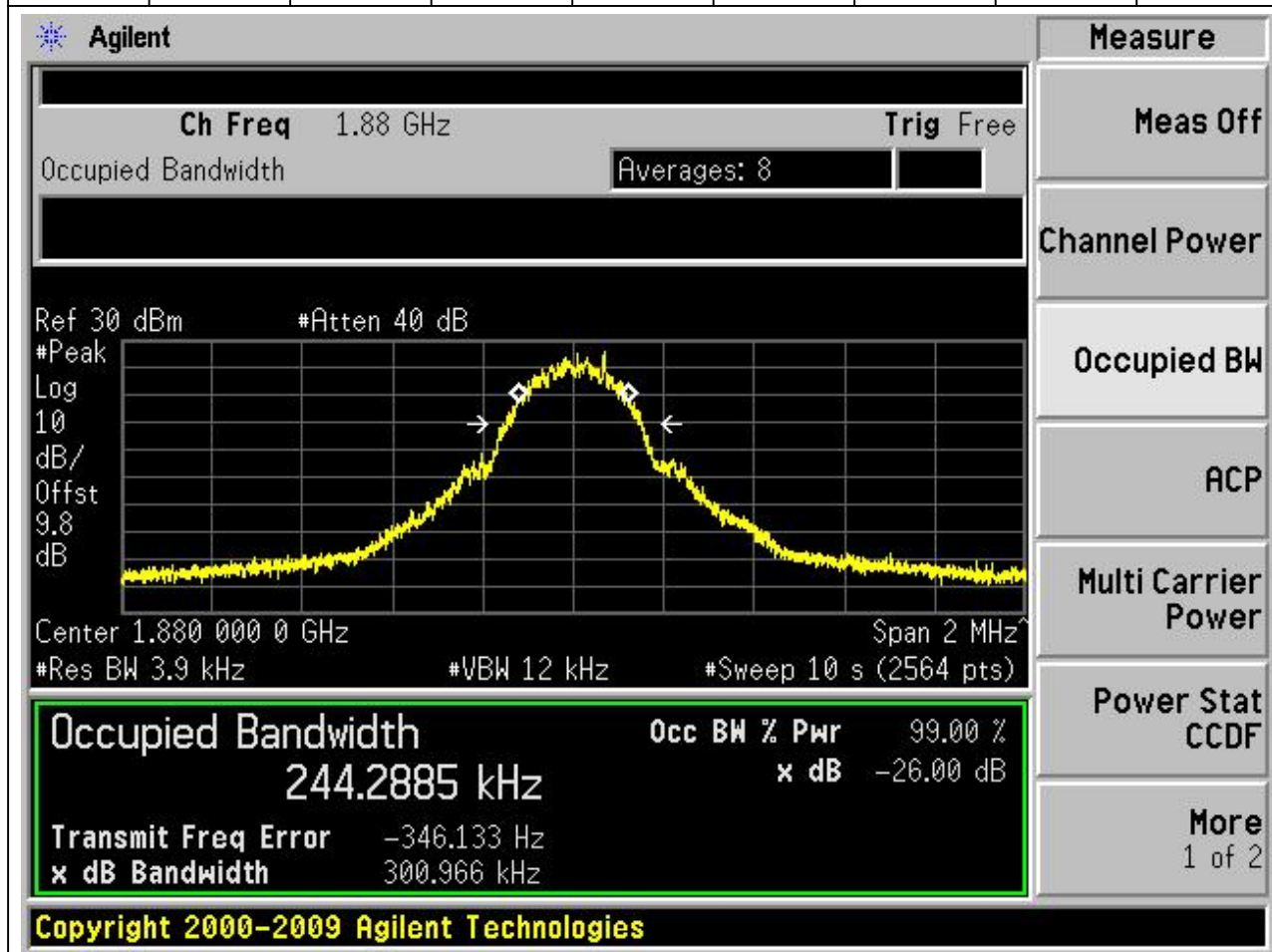
2.1 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:512)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.243	0.297	0.3	Pass



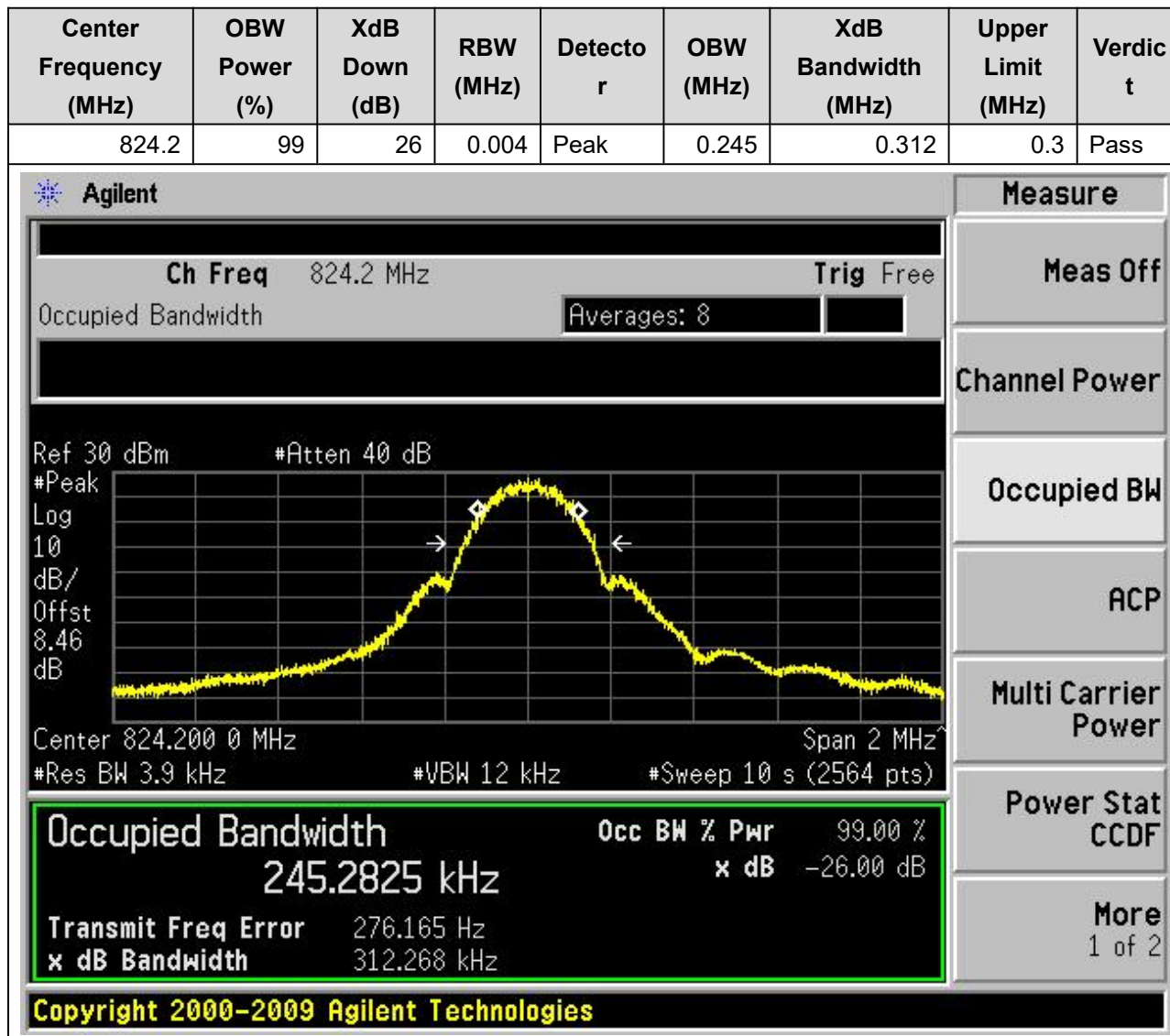
2.2 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.244	0.301	0.3	Pass



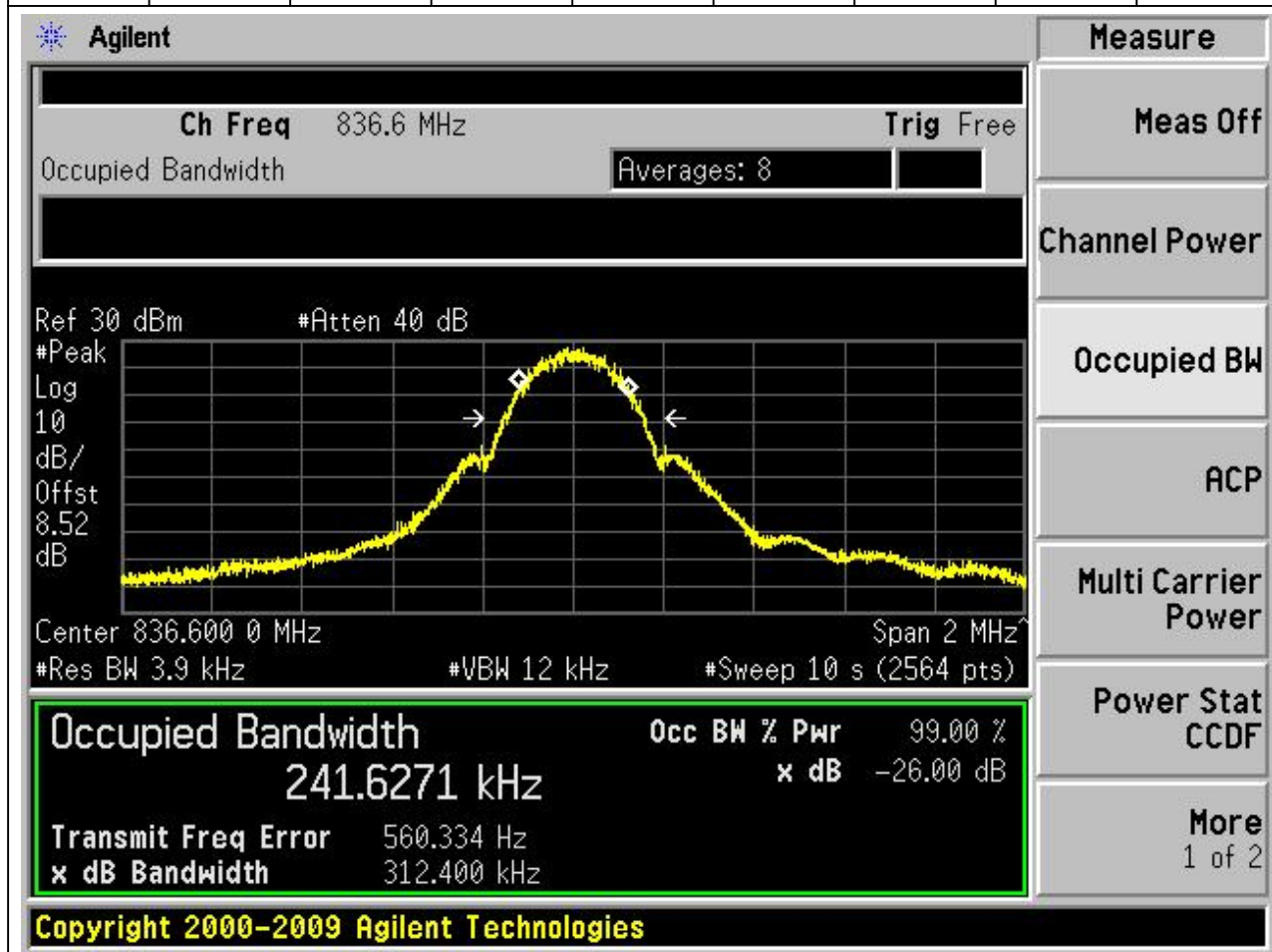
3. GPRS_GSM850

3.1 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:128)

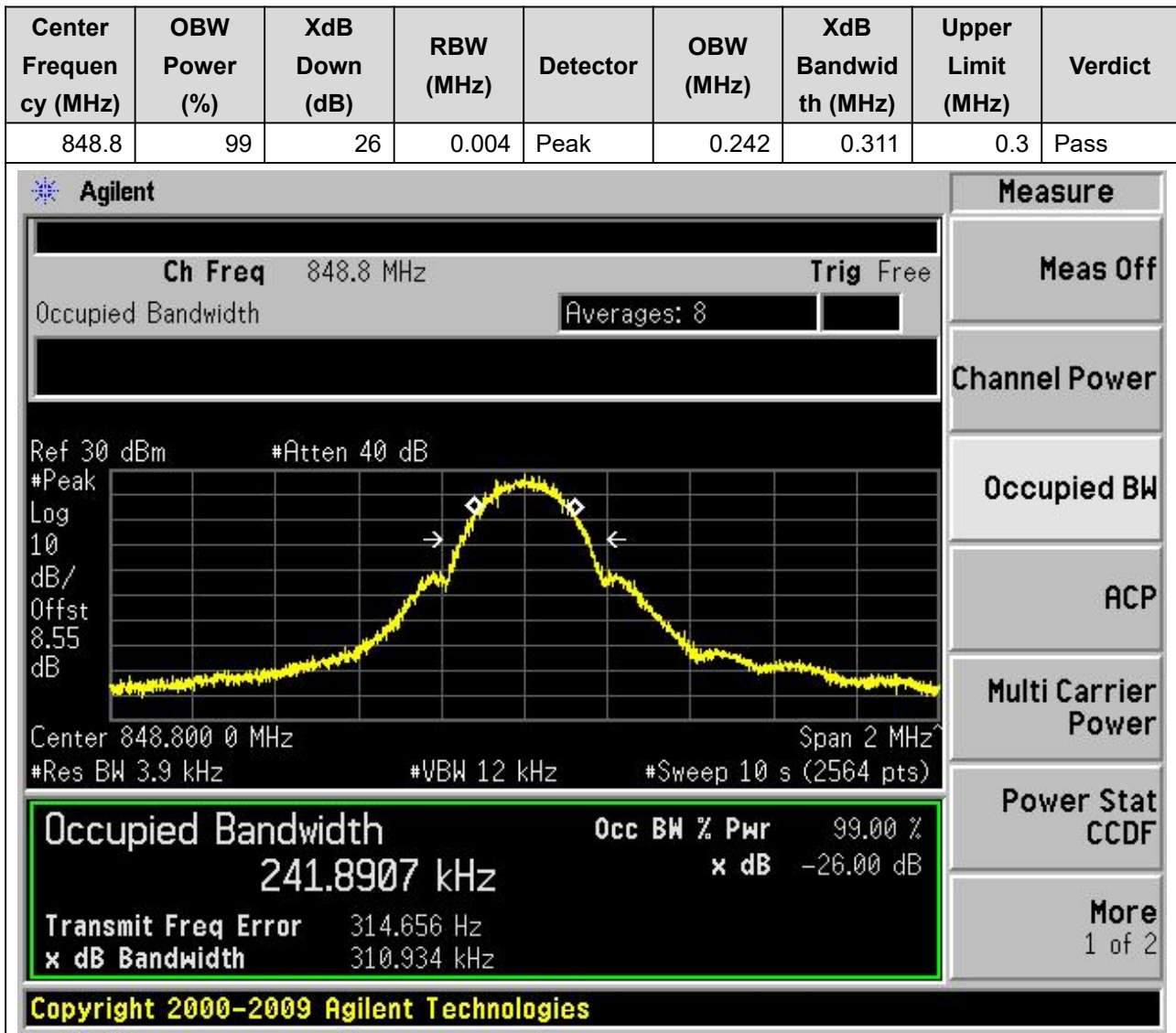


3.2 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.242	0.312	0.3	Pass



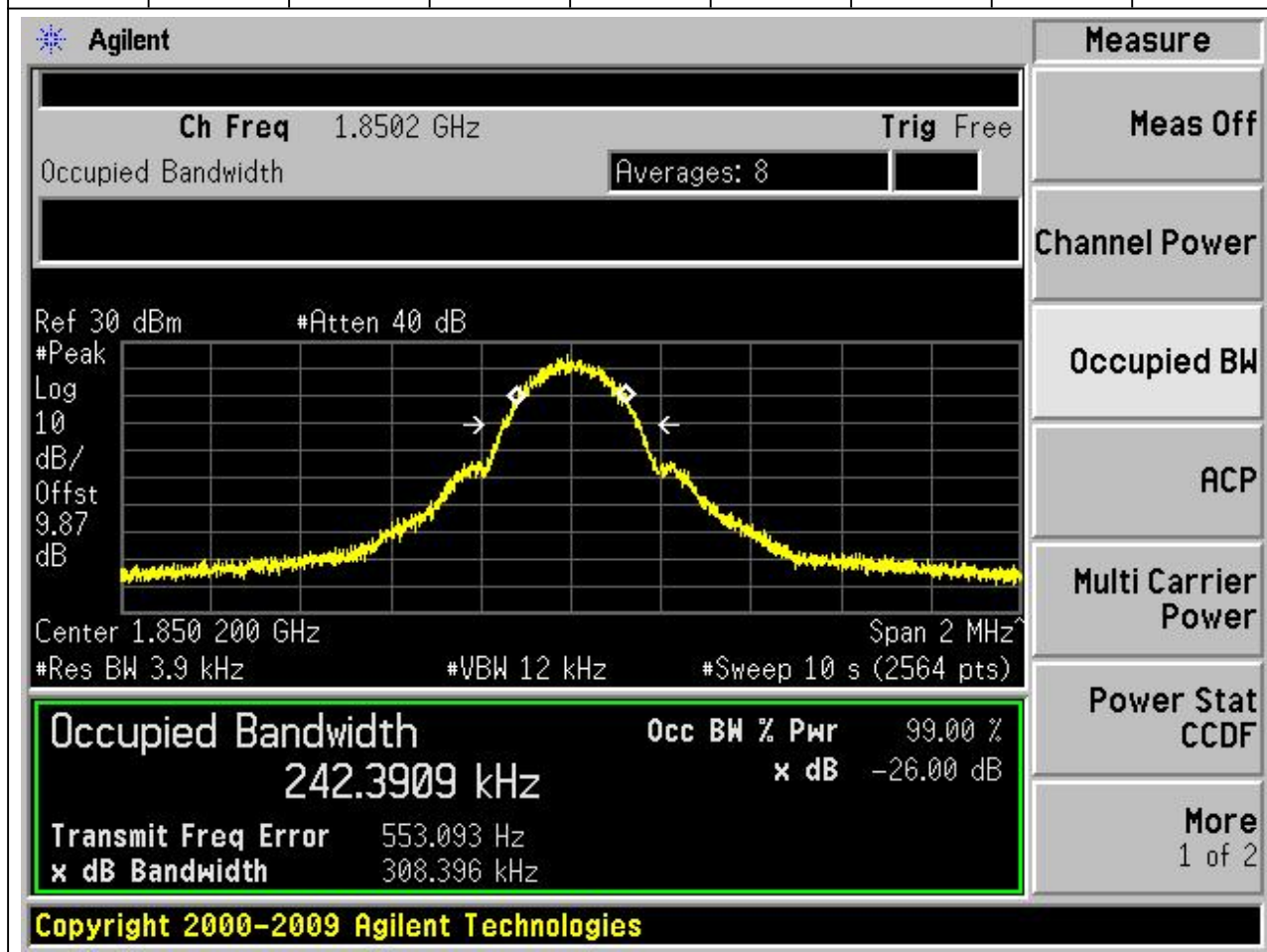
3.3 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)



4. GPRS_PCS

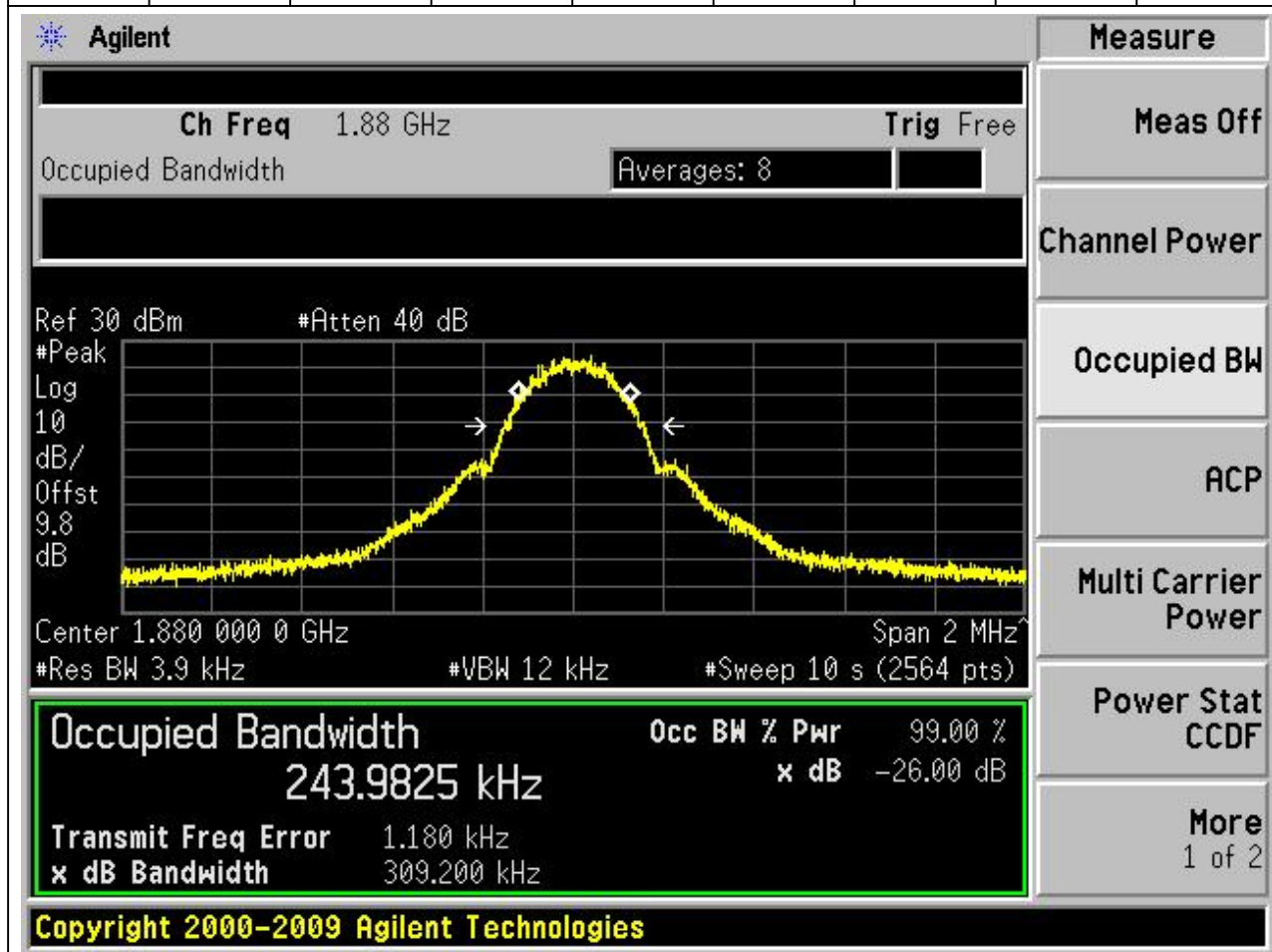
4.1 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:512)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.242	0.308	0.3	Pass



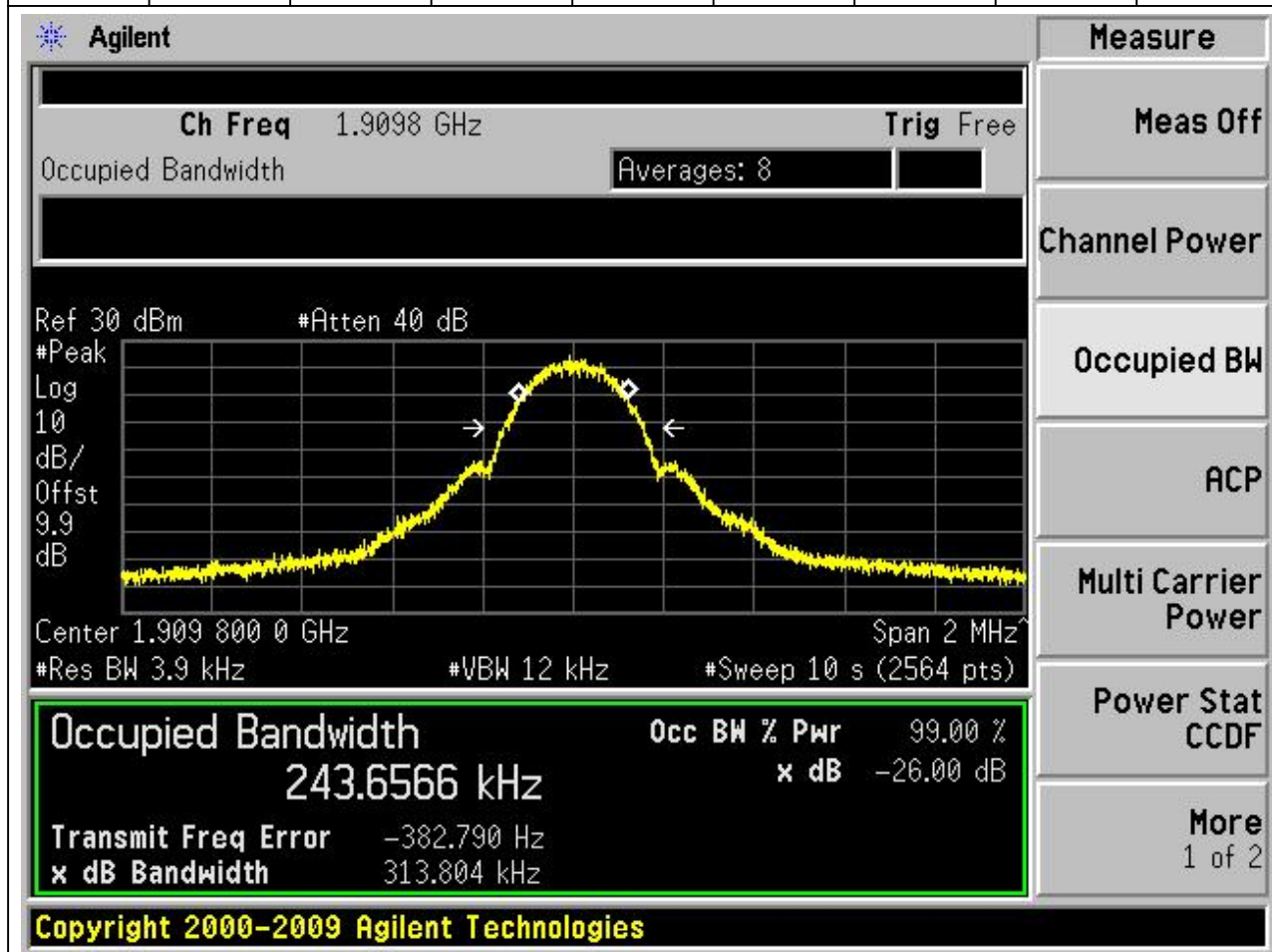
4.2 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.244	0.309	0.3	Pass



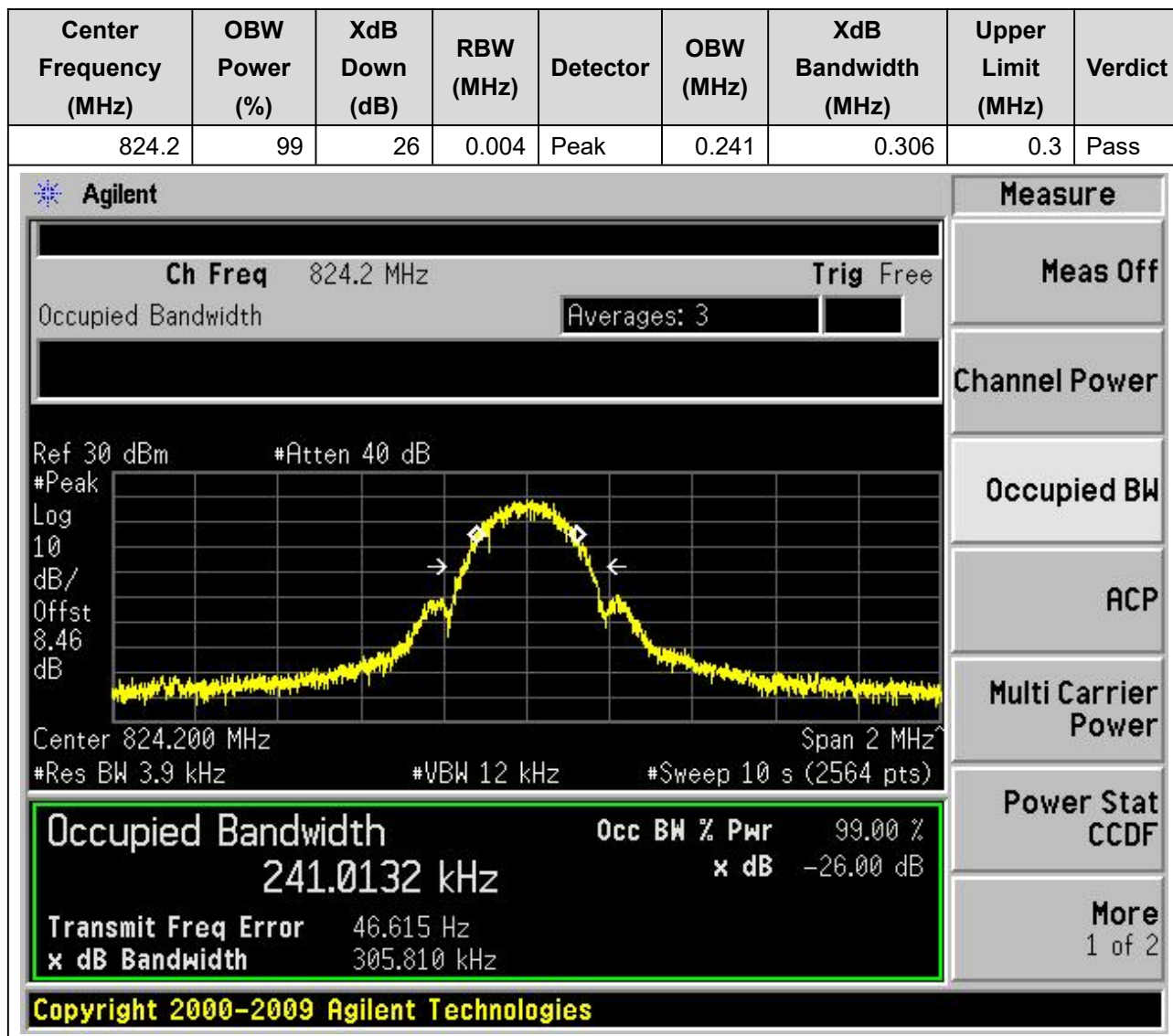
4.3 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.244	0.314	0.3	Pass

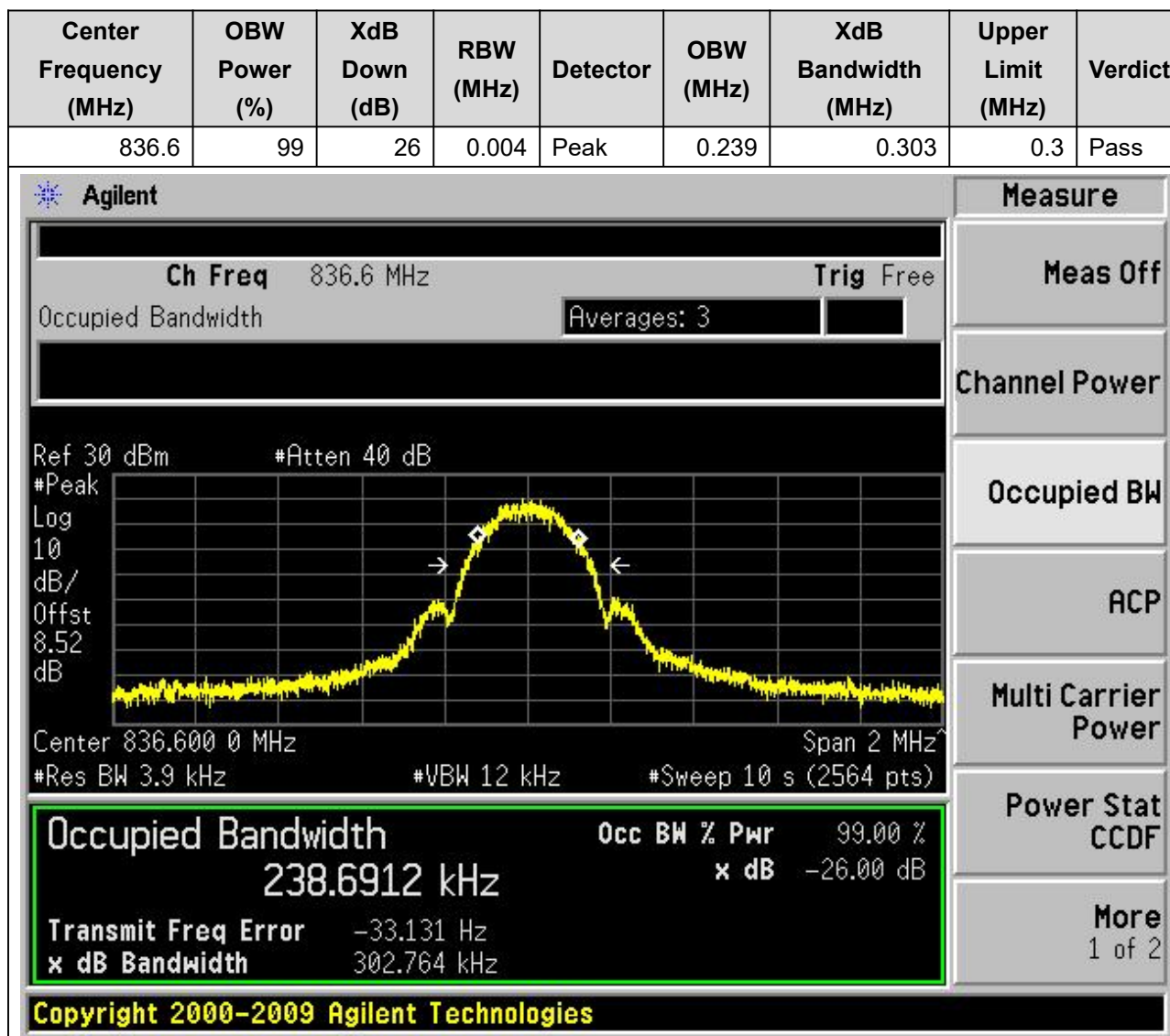


5. EGPRS_GSM850

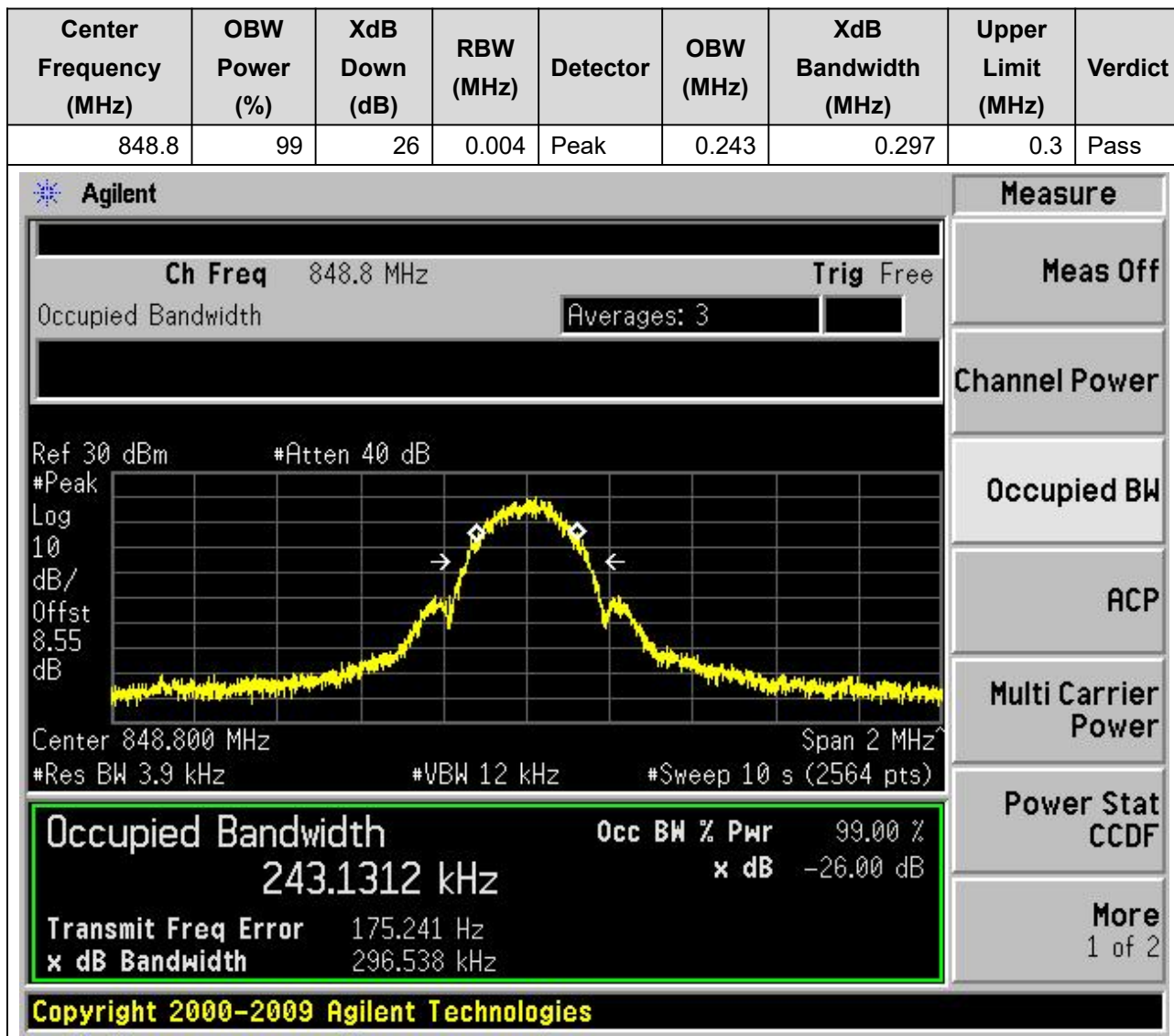
5.1 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:128)



5.2 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:190)

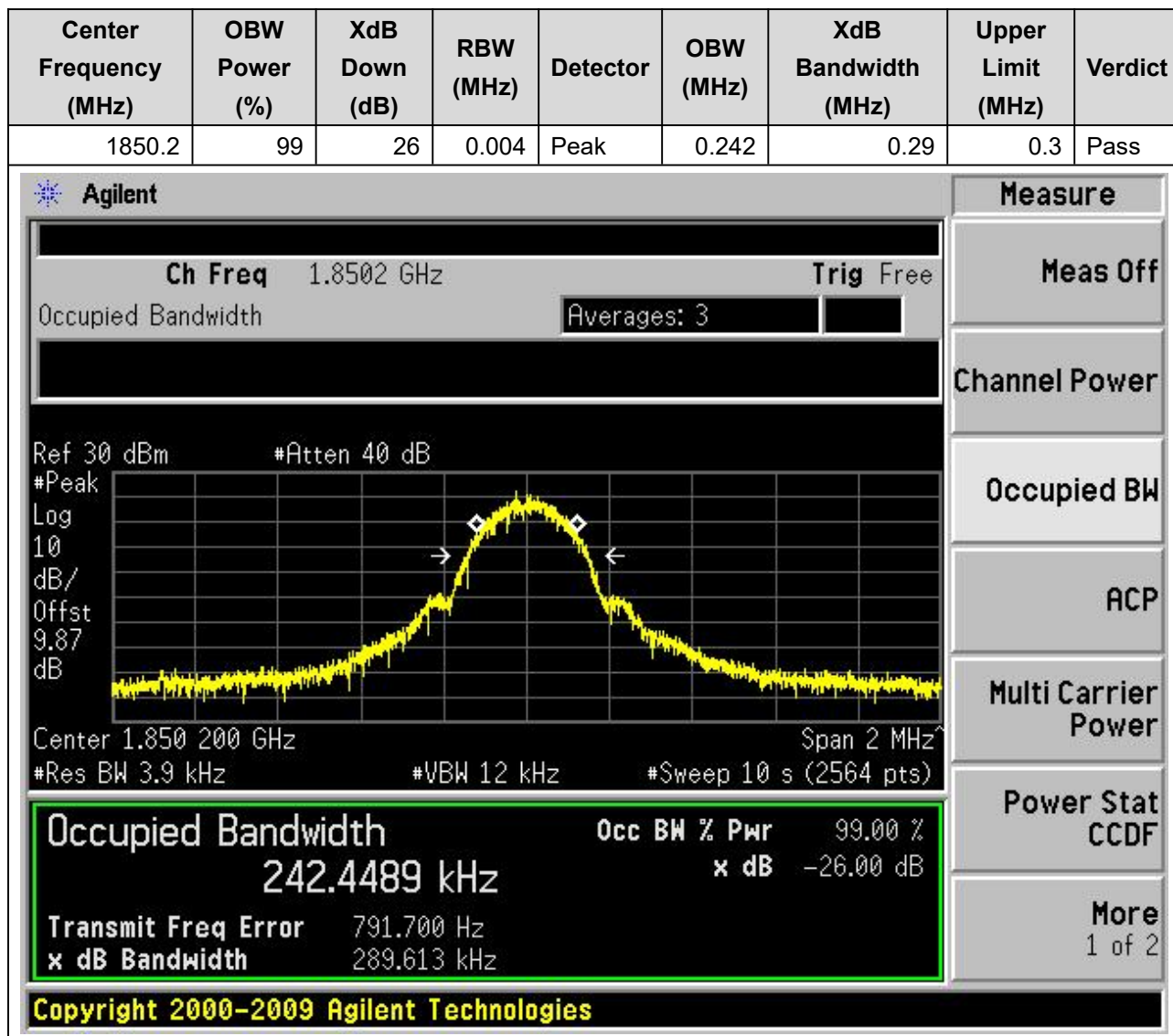


5.3 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)

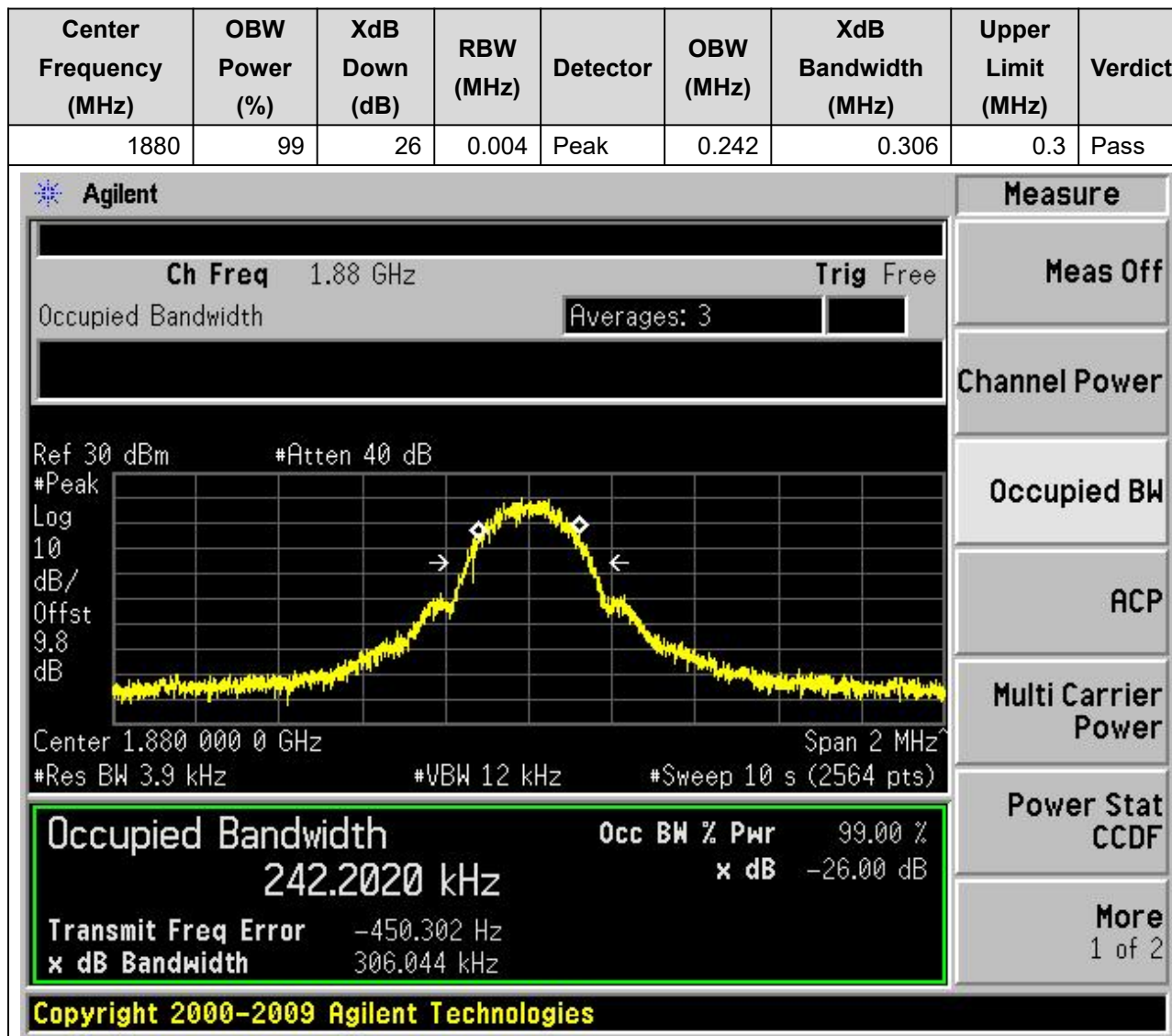


6. EGPRS_PCS

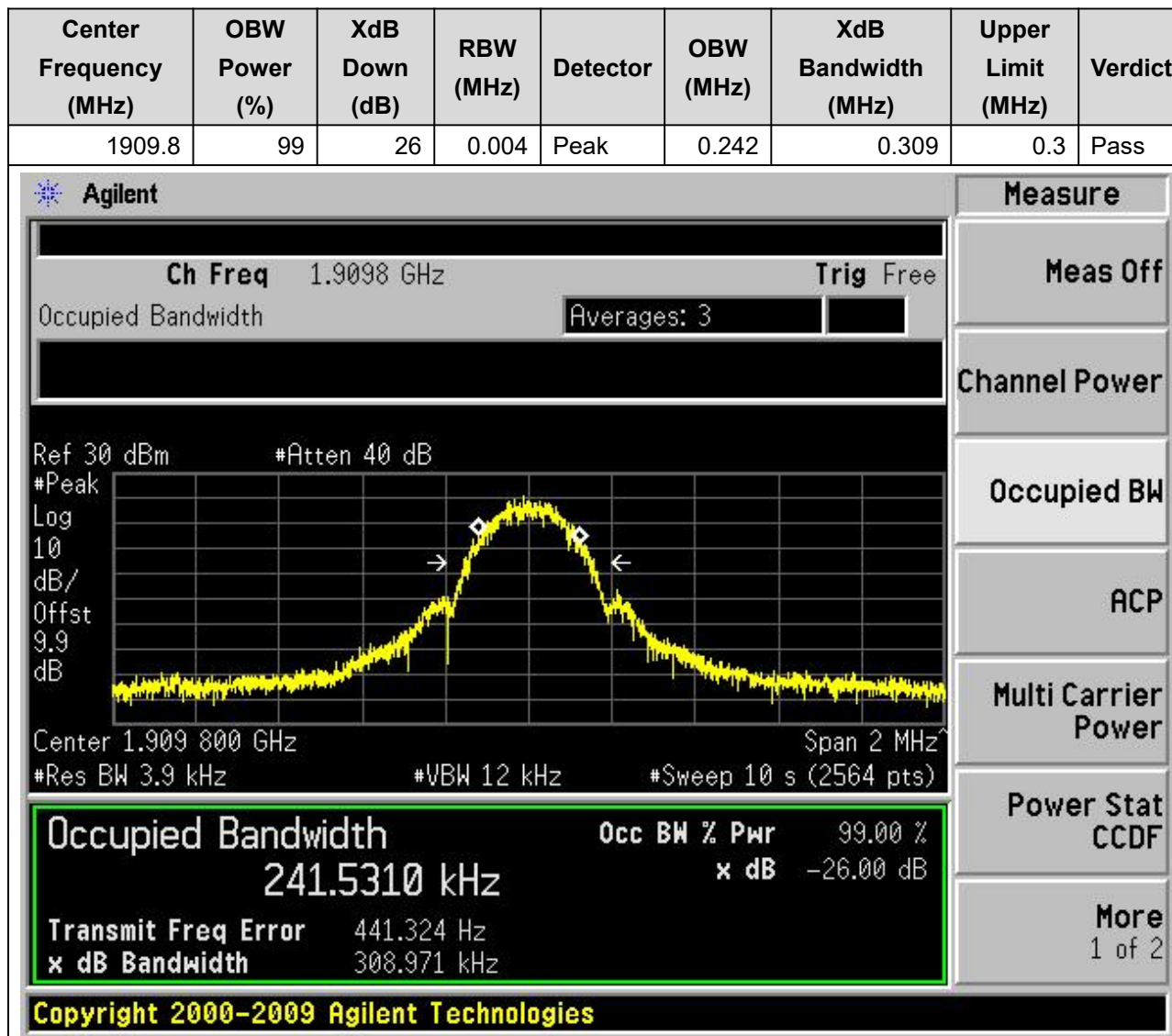
6.1 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:512)



6.2 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

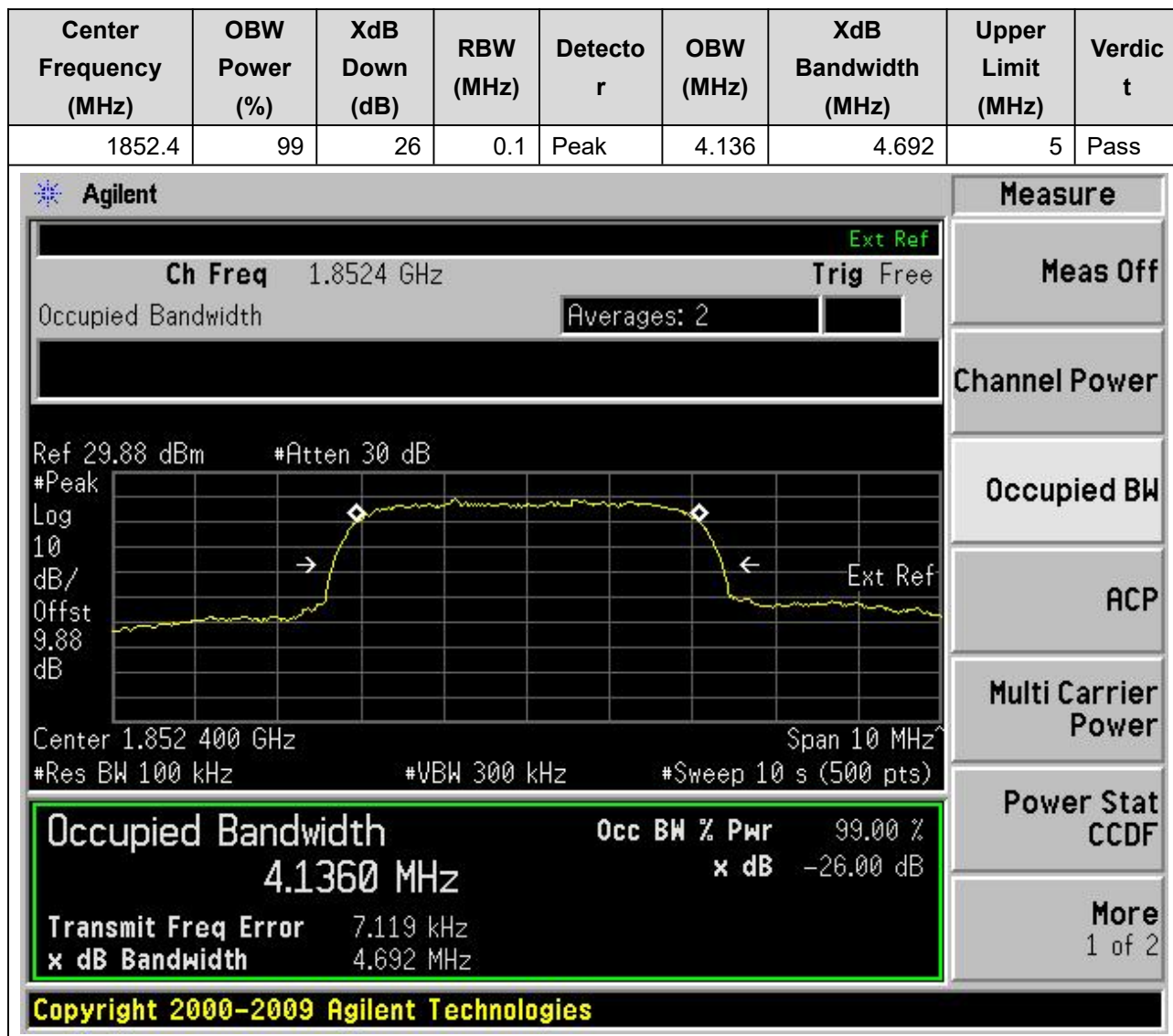


6.3 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:810)



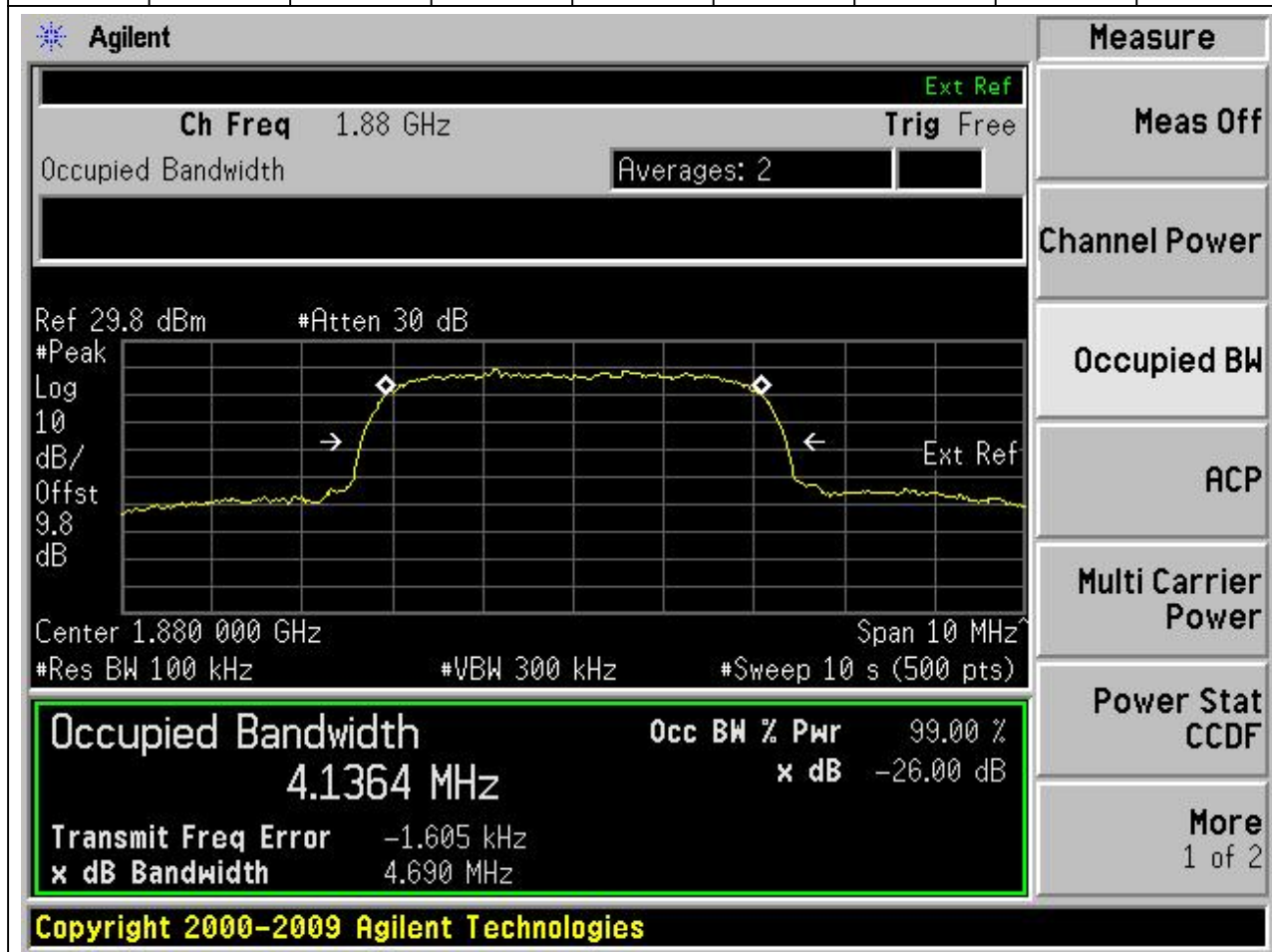
7. WCDMA_Band2

7.1 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9262)

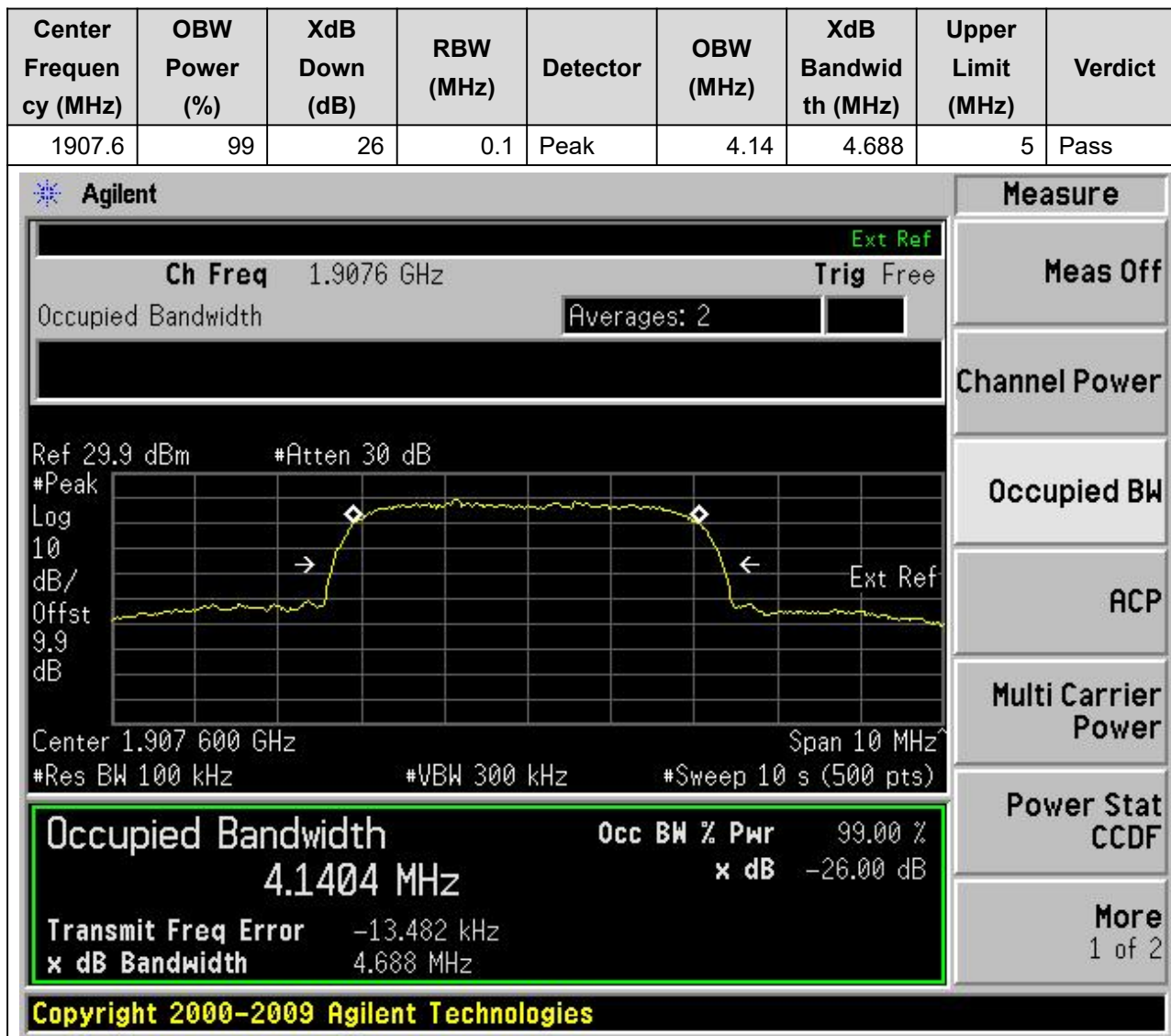


7.2 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9400)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.136	4.69	5	Pass



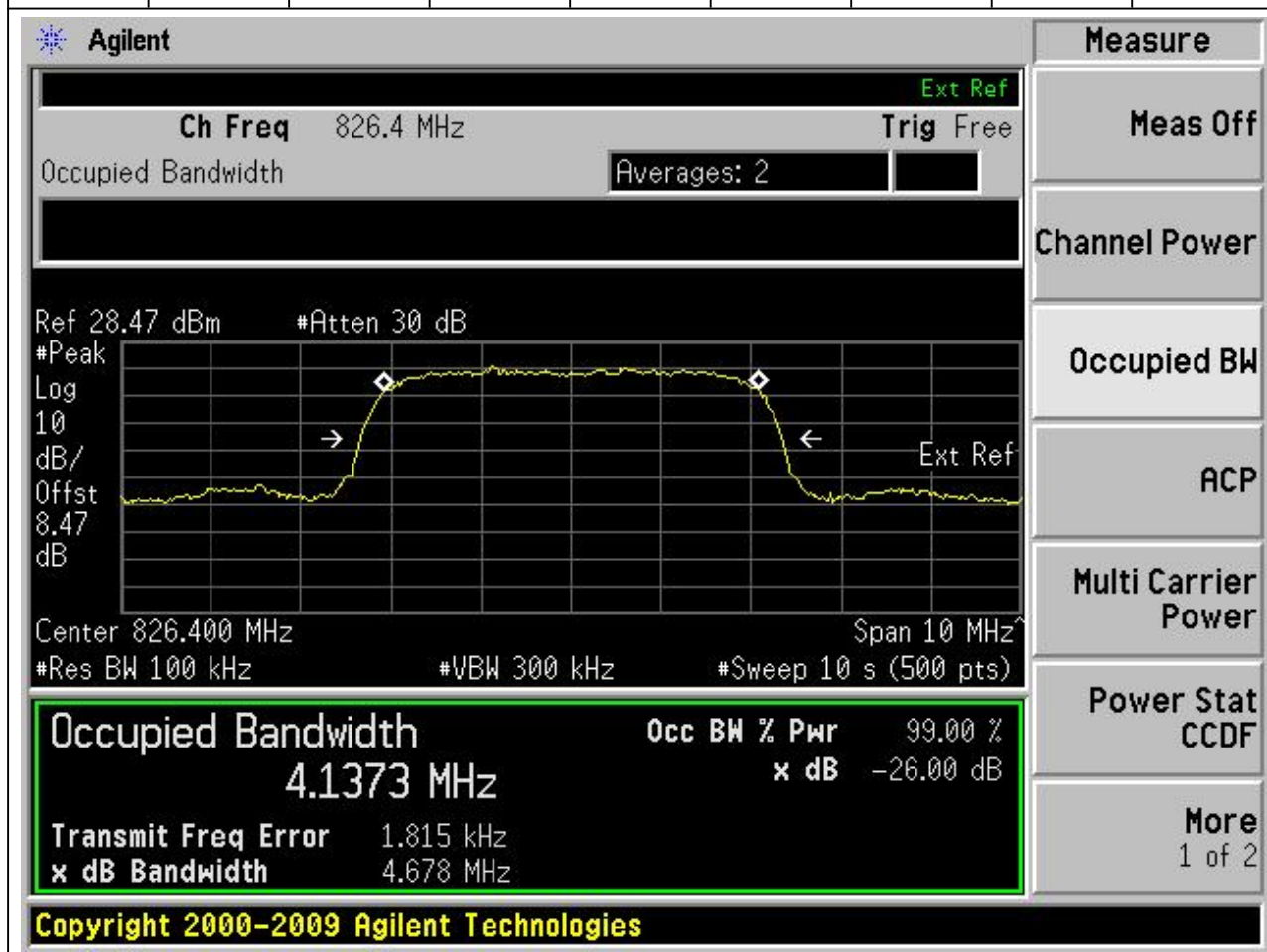
7.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9538)



8. WCDMA_Band5

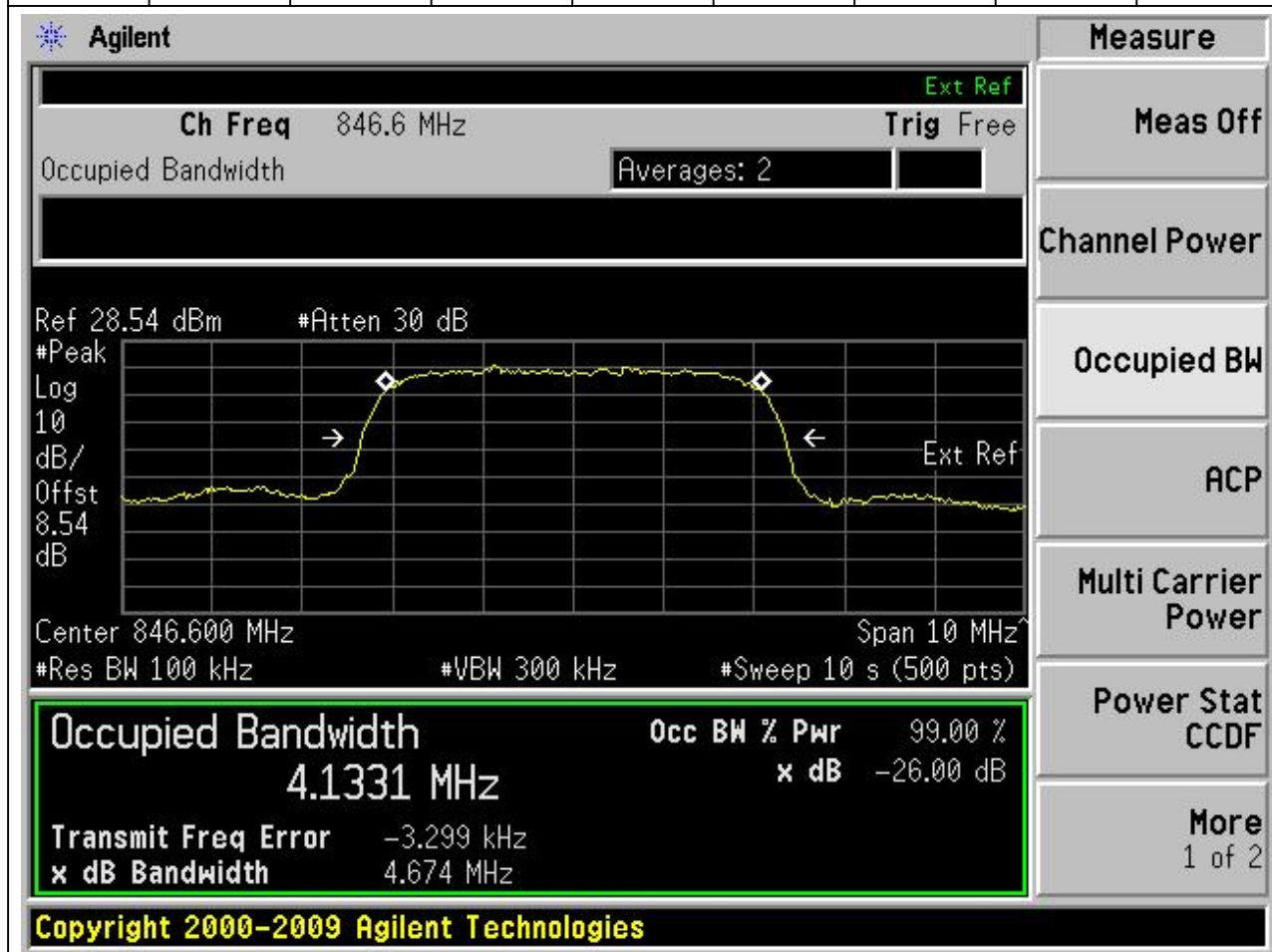
8.1 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4132)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.4	99	26	0.1	Peak	4.137	4.678	5	Pass



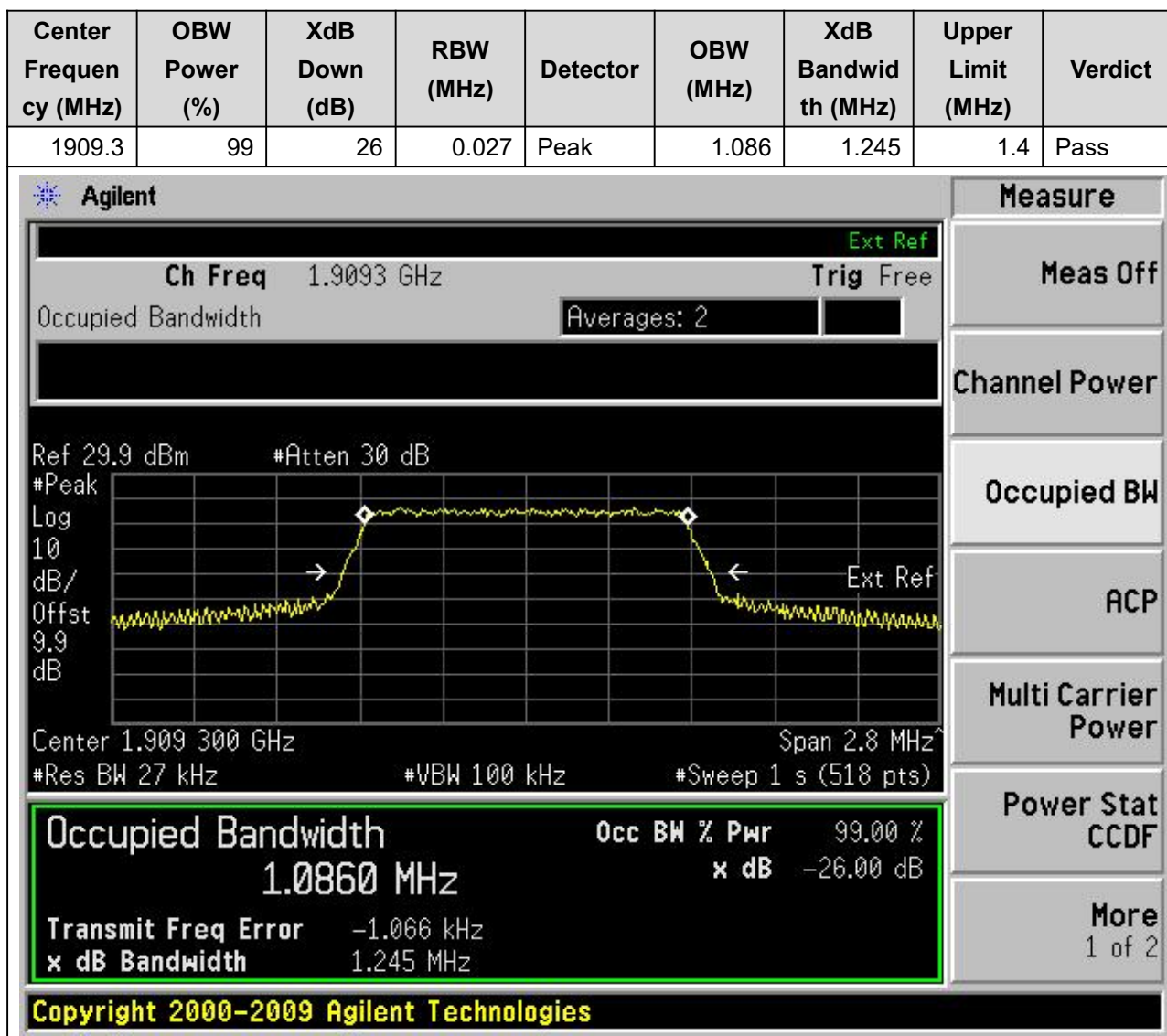
8.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4233)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.6	99	26	0.1	Peak	4.133	4.674	5	Pass

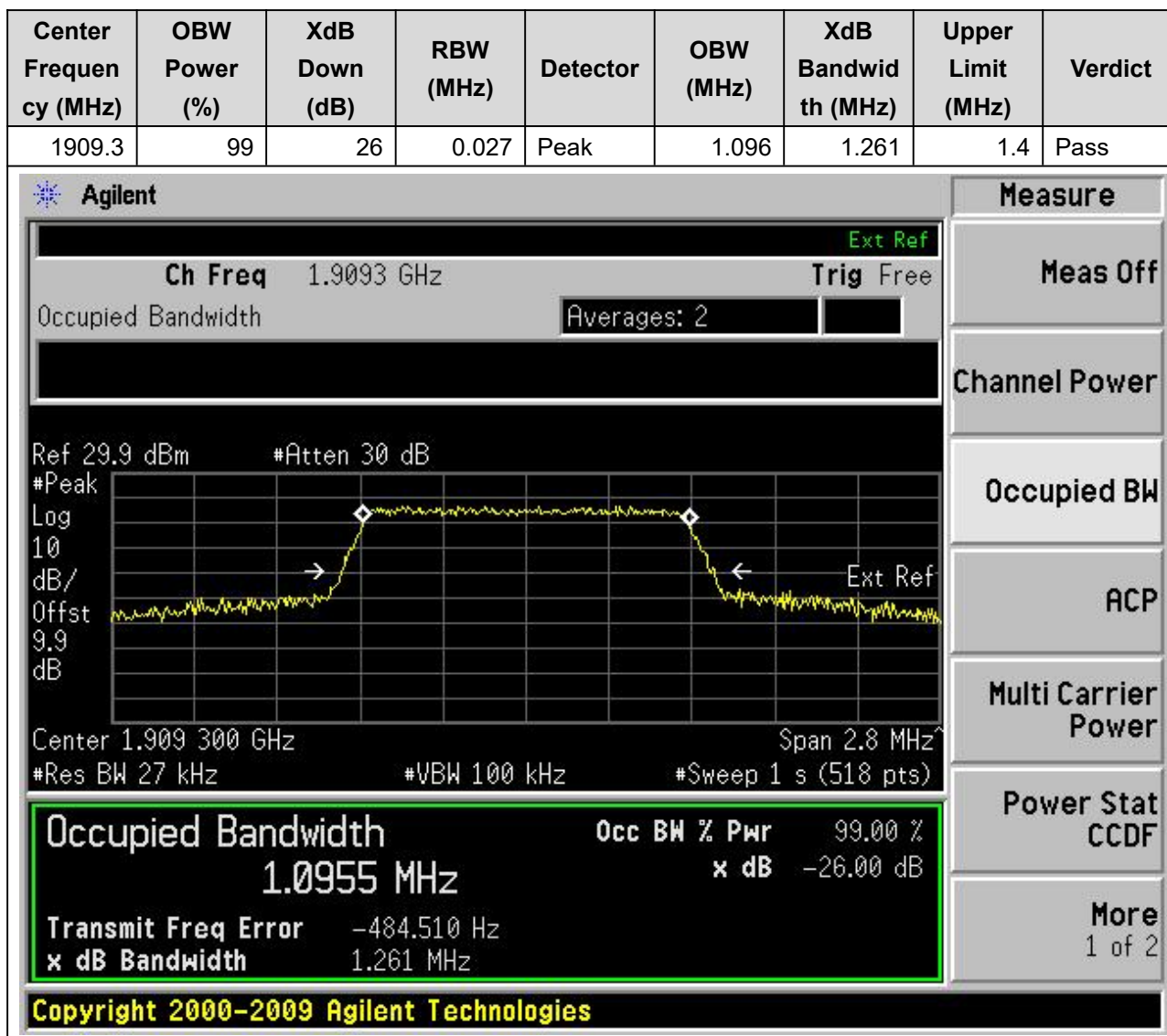


9. LTE_Band2

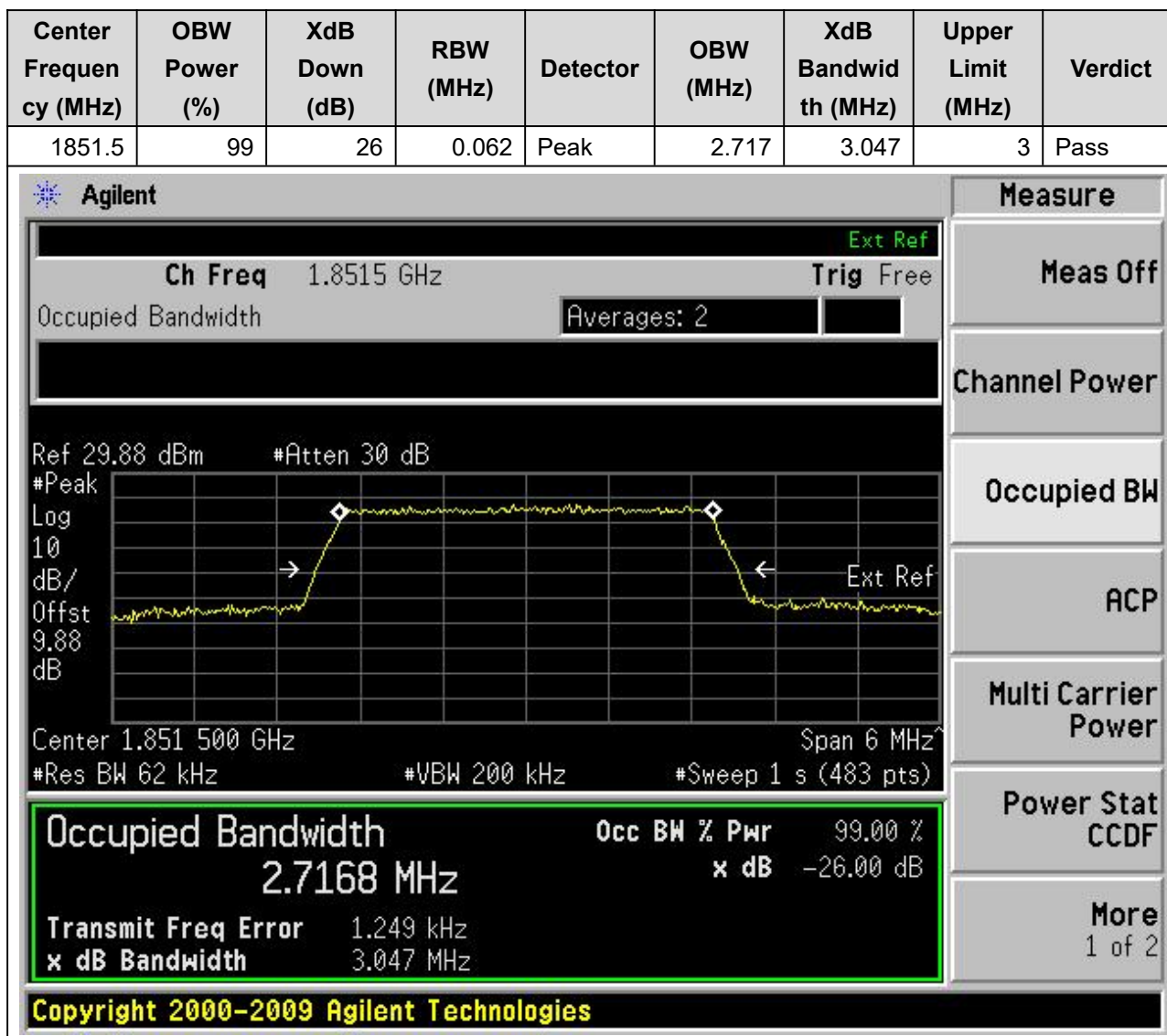
9.1 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



9.2 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

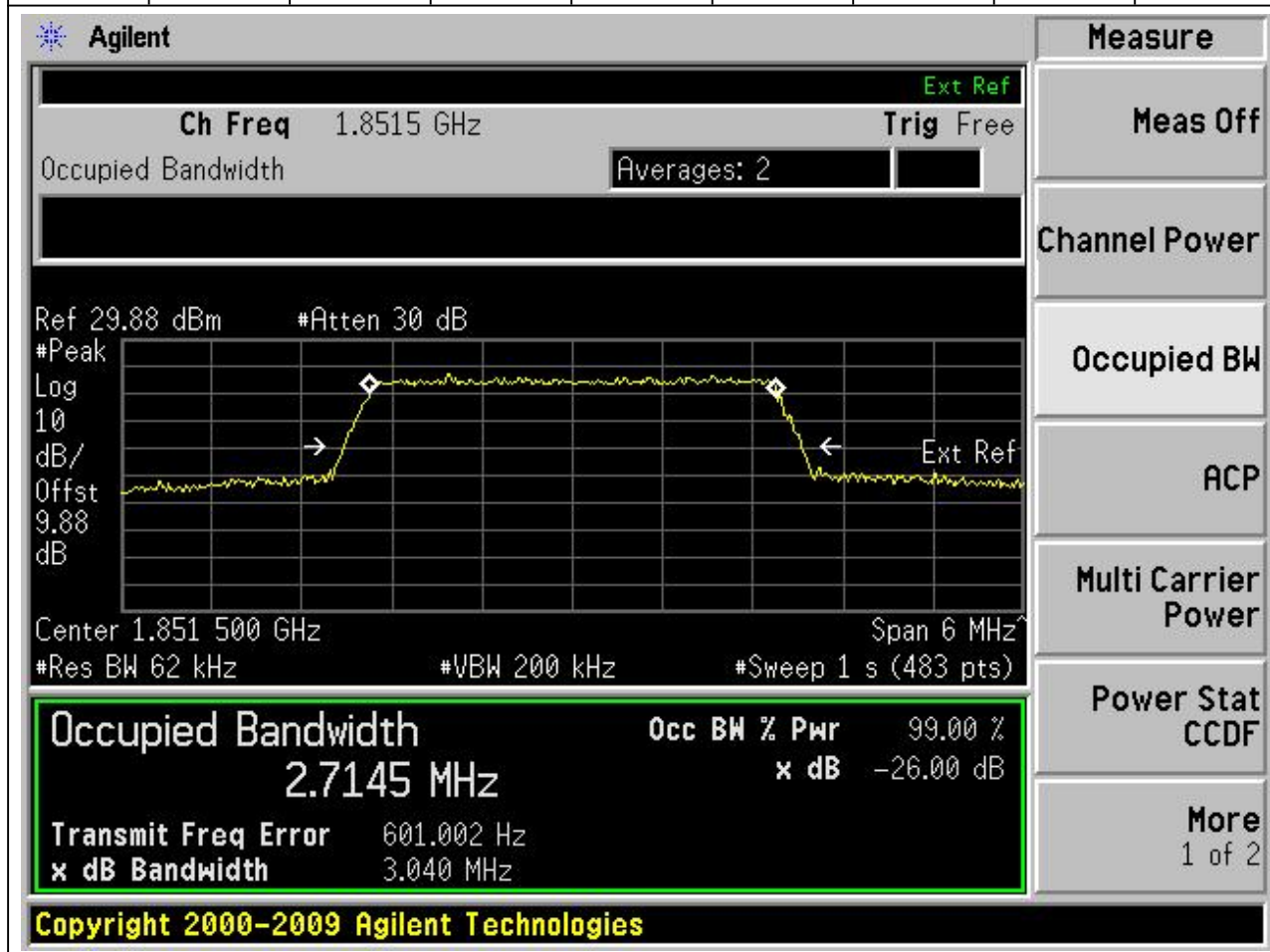


9.3 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

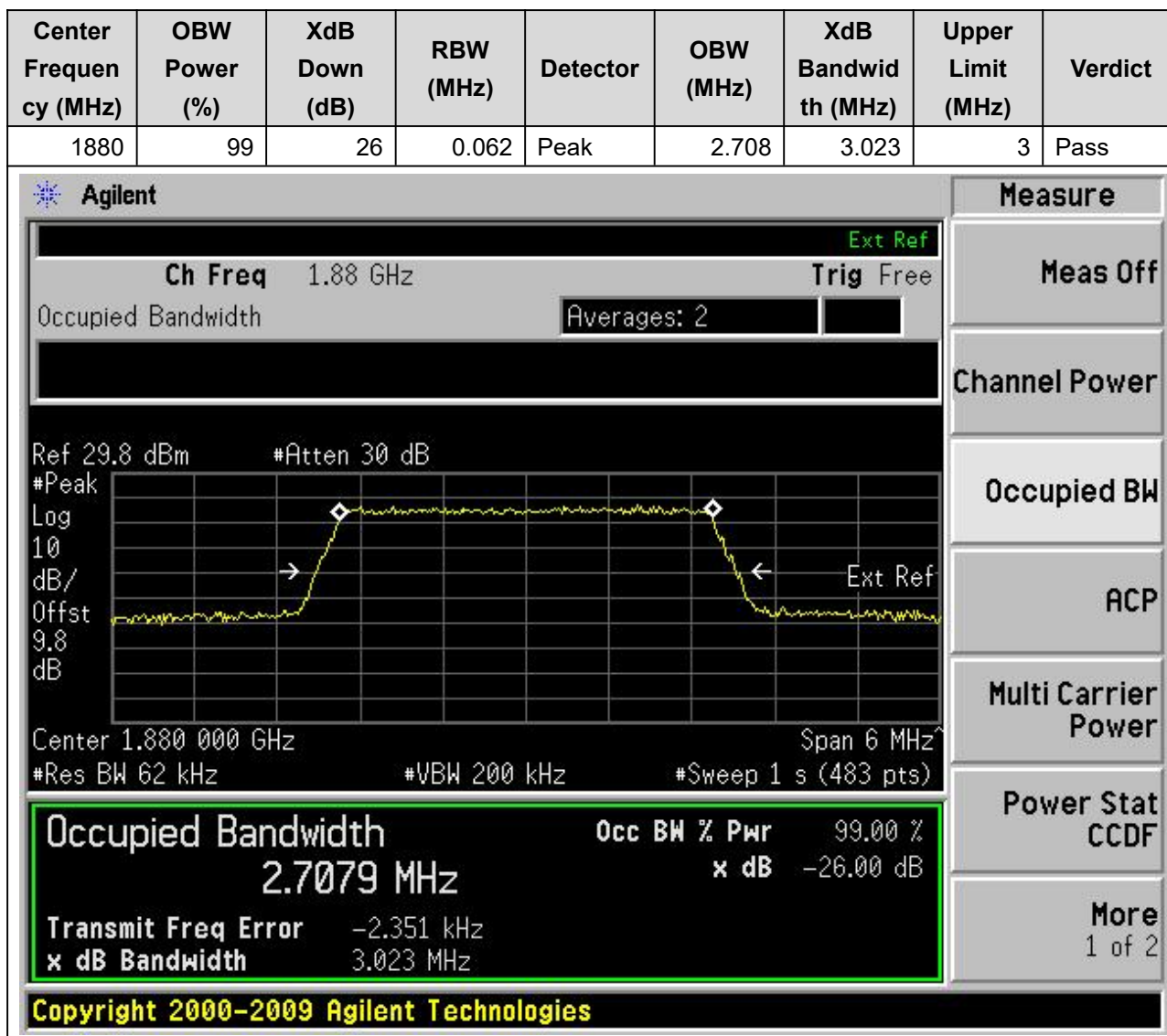


9.4 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

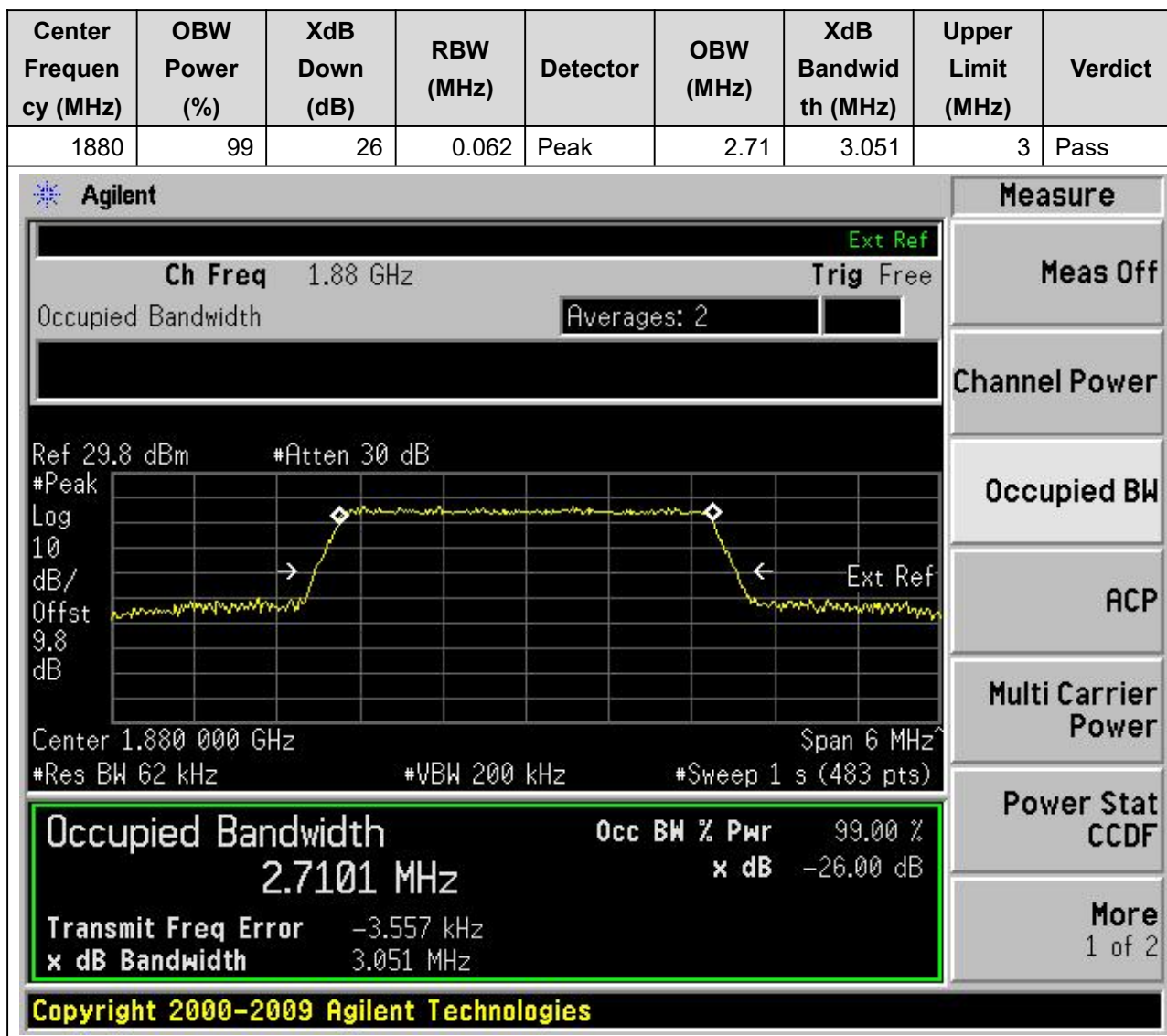
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.715	3.04	3	Pass



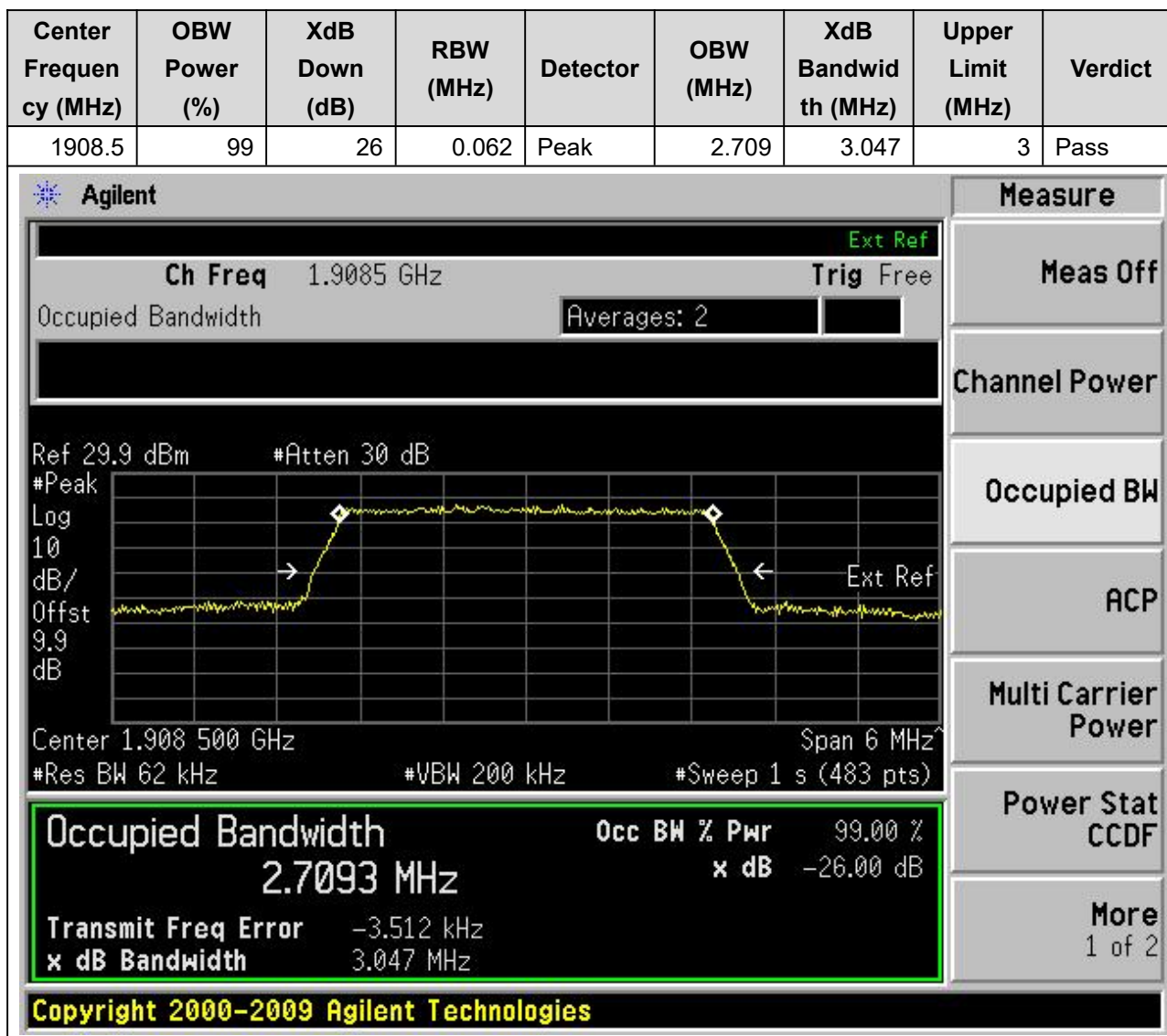
9.5 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



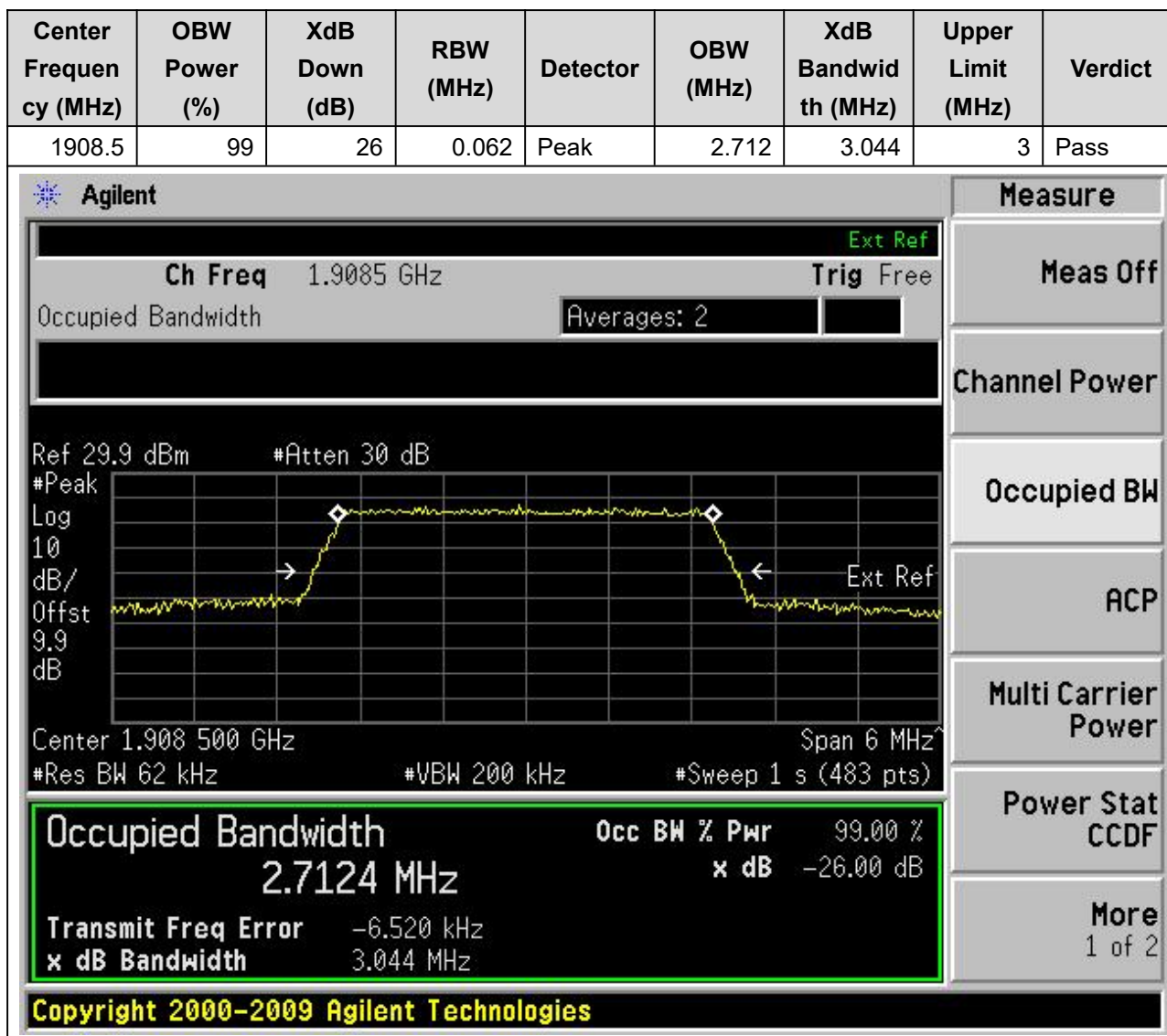
9.6 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



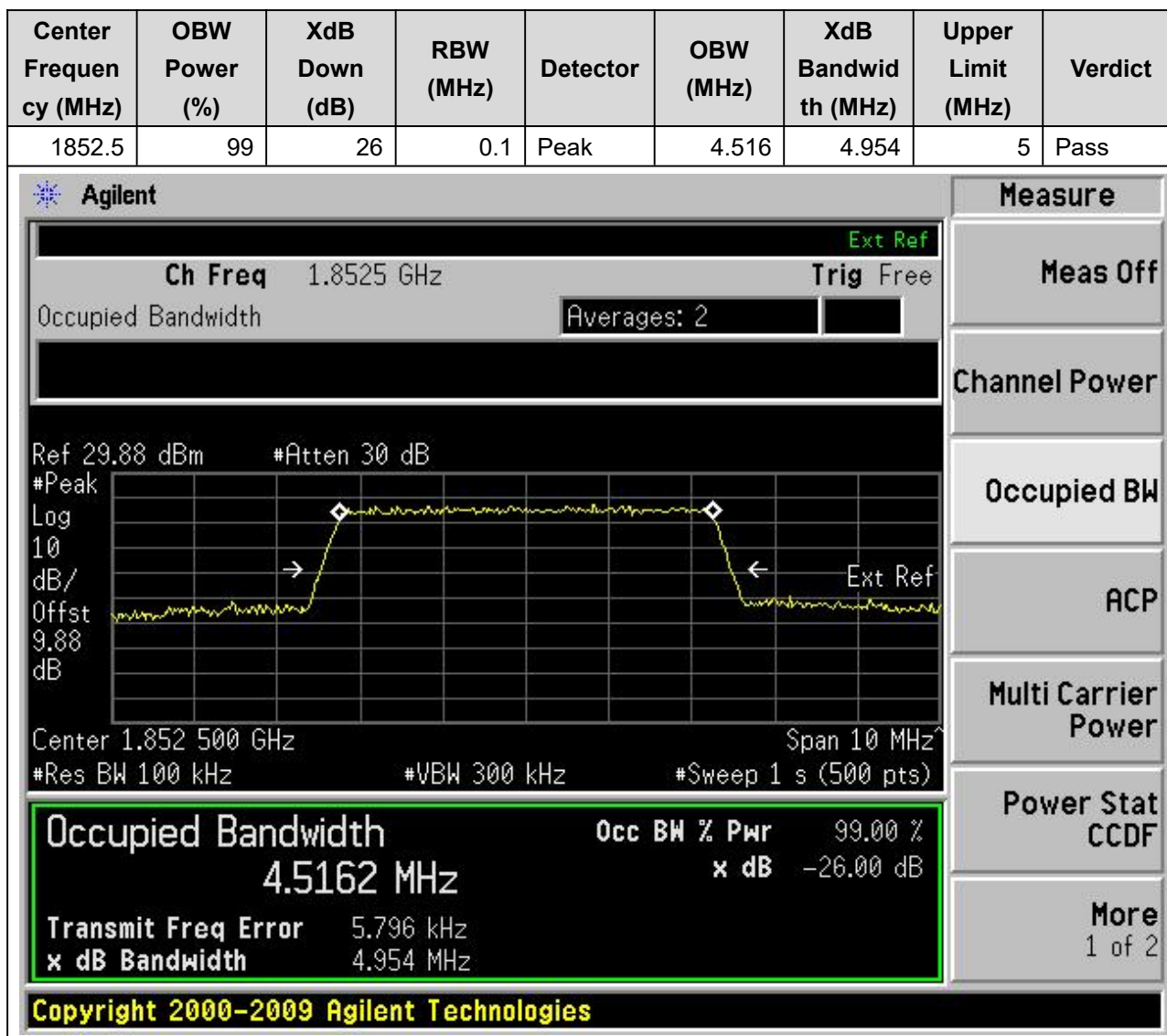
9.7 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



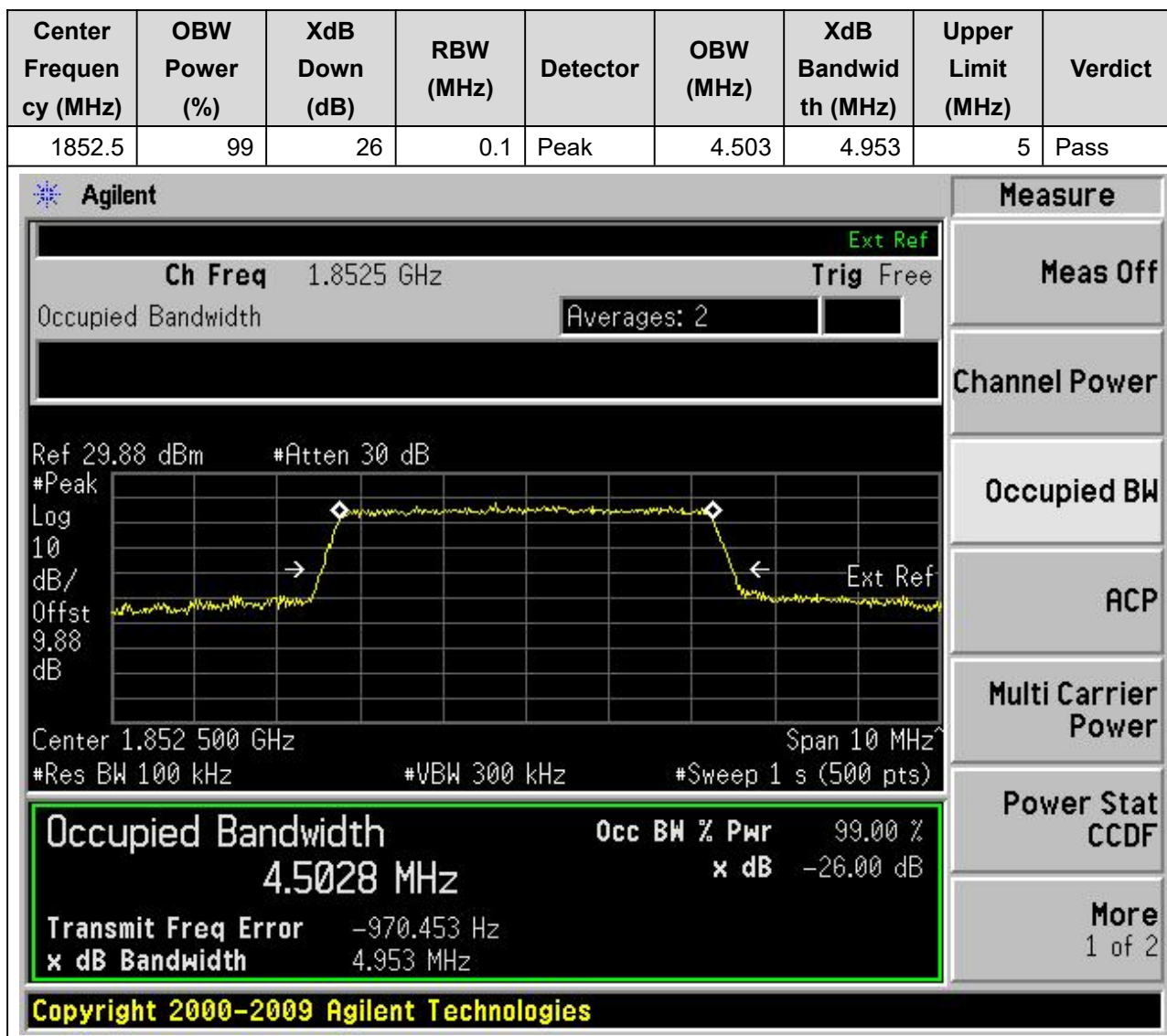
9.8 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



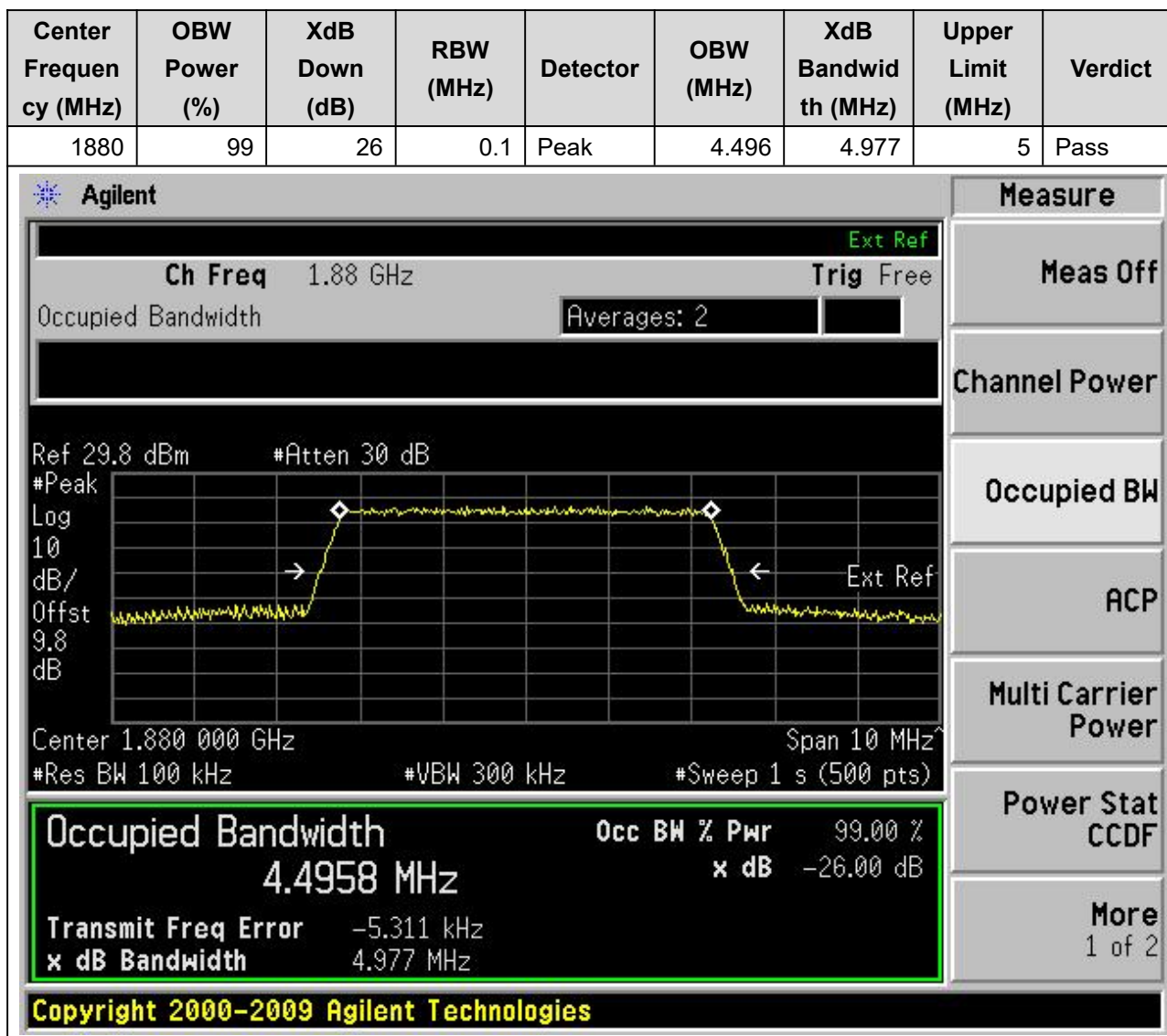
9.9 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



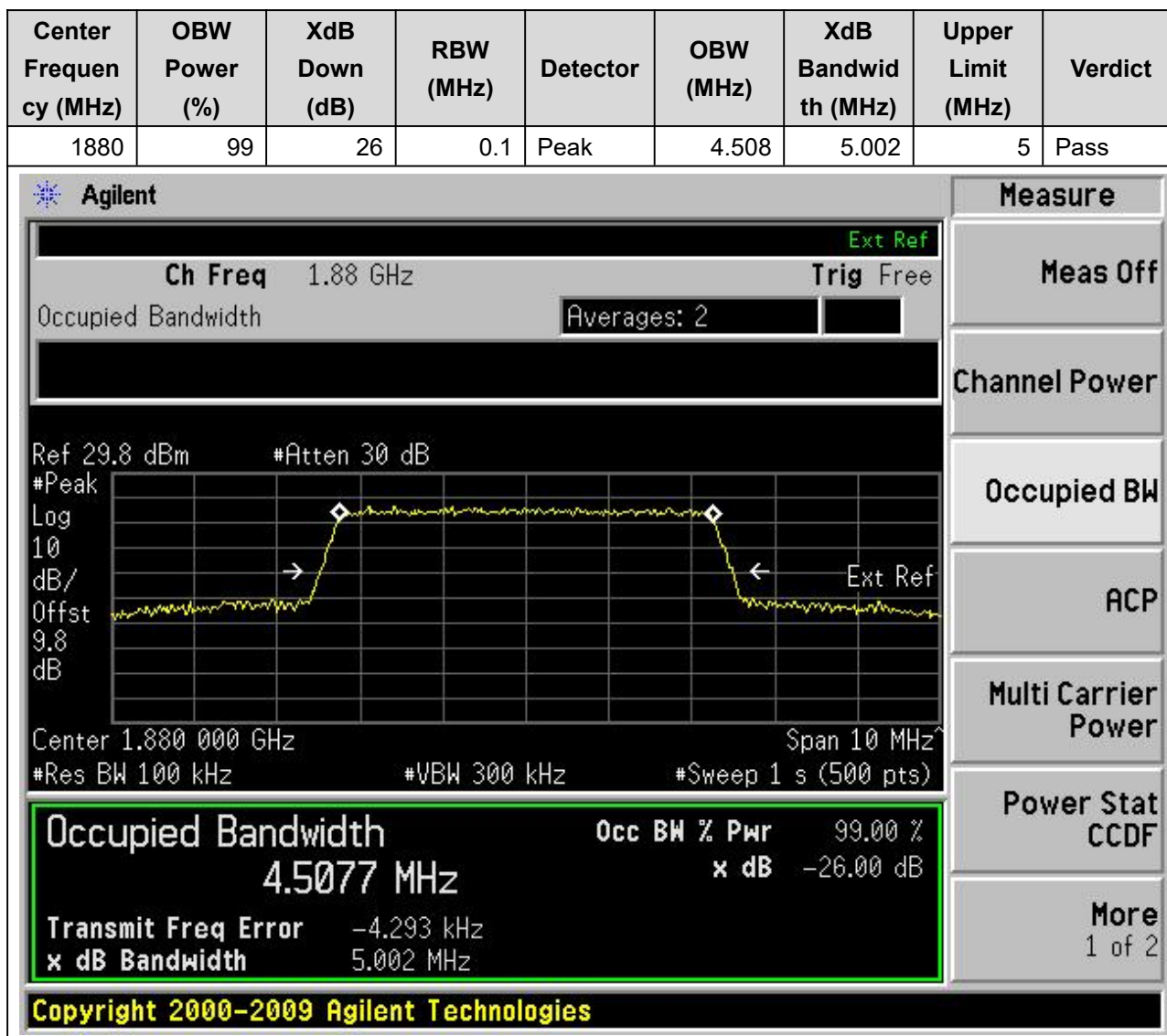
9.10 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



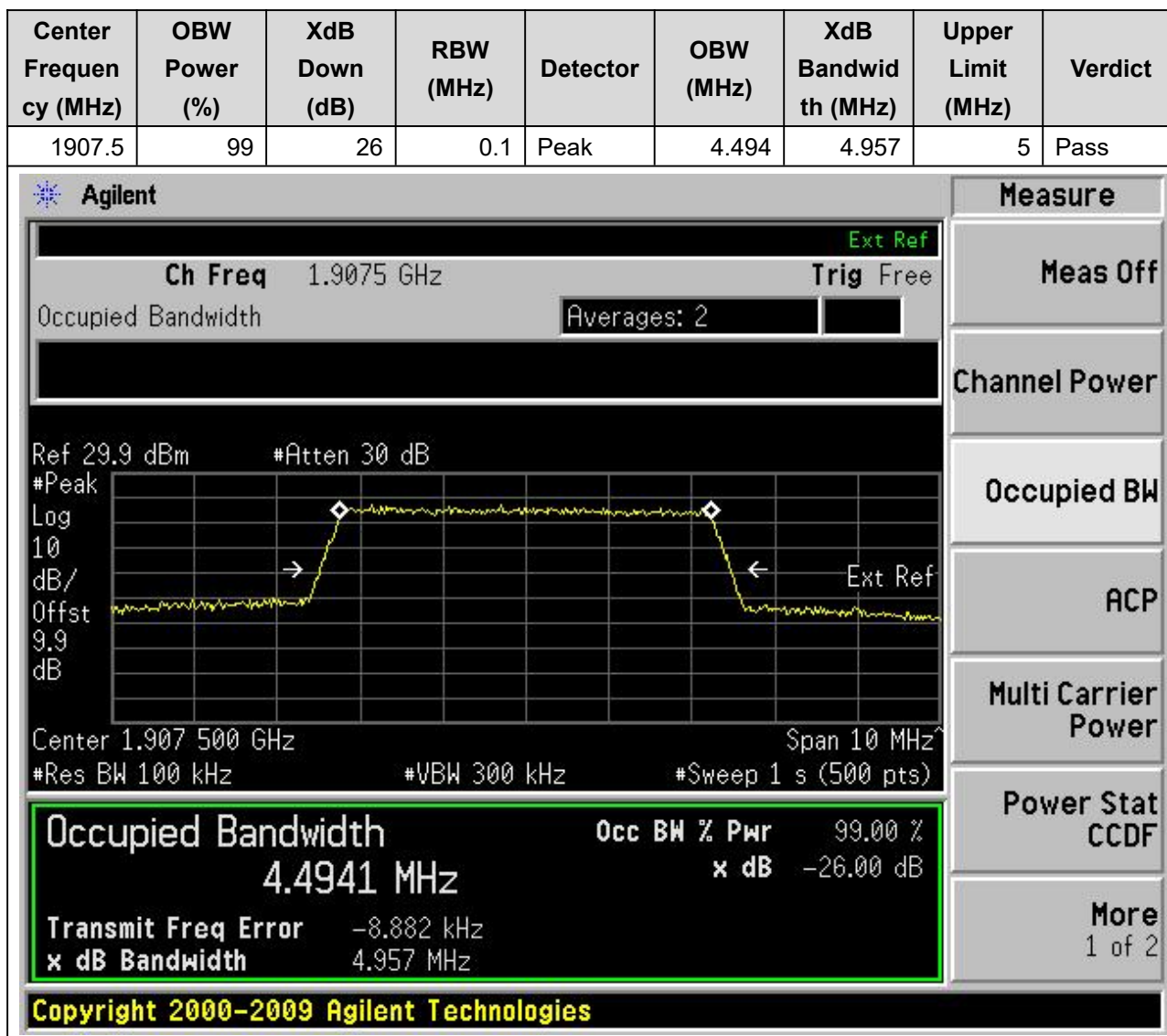
9.11 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



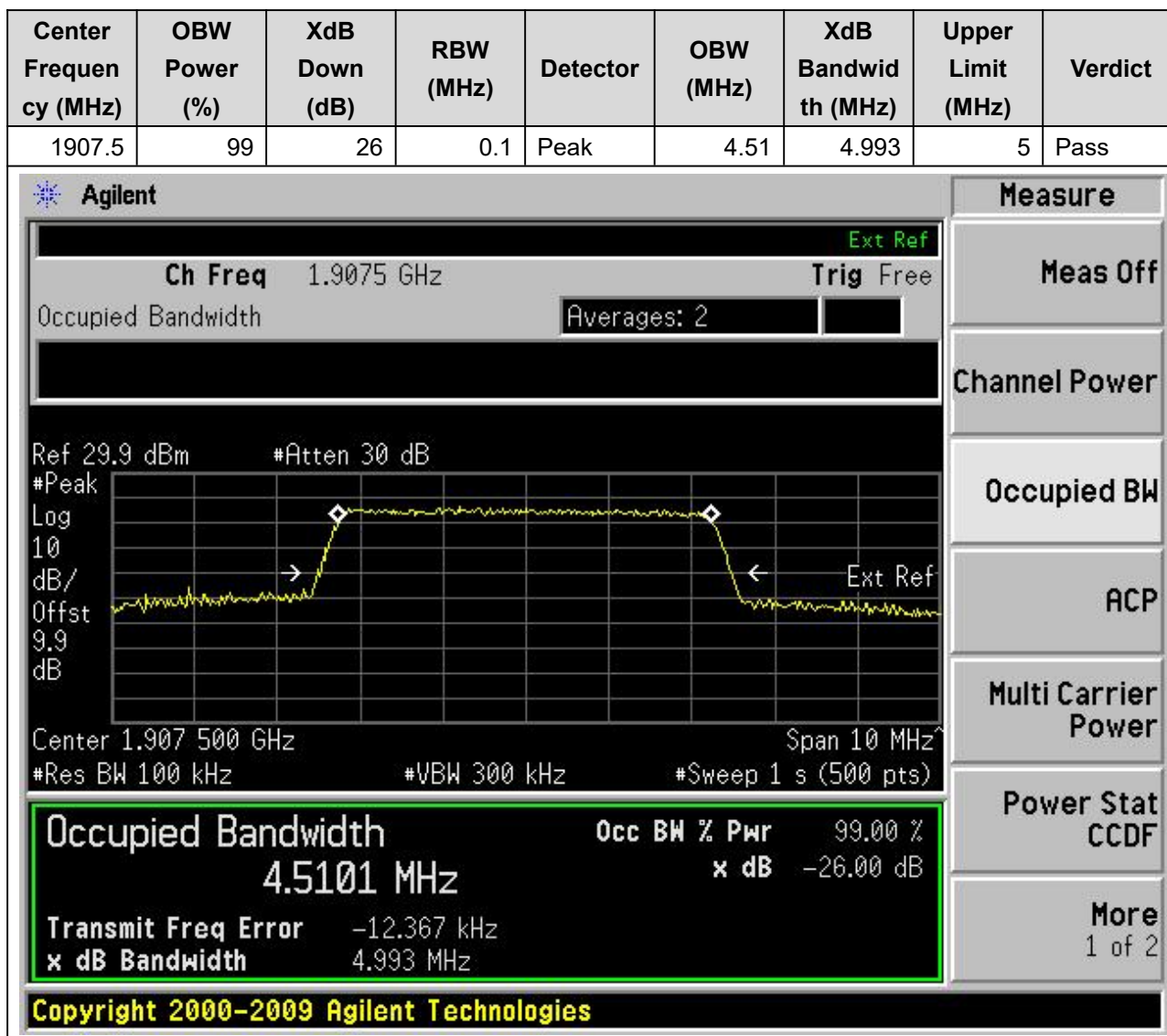
9.12 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



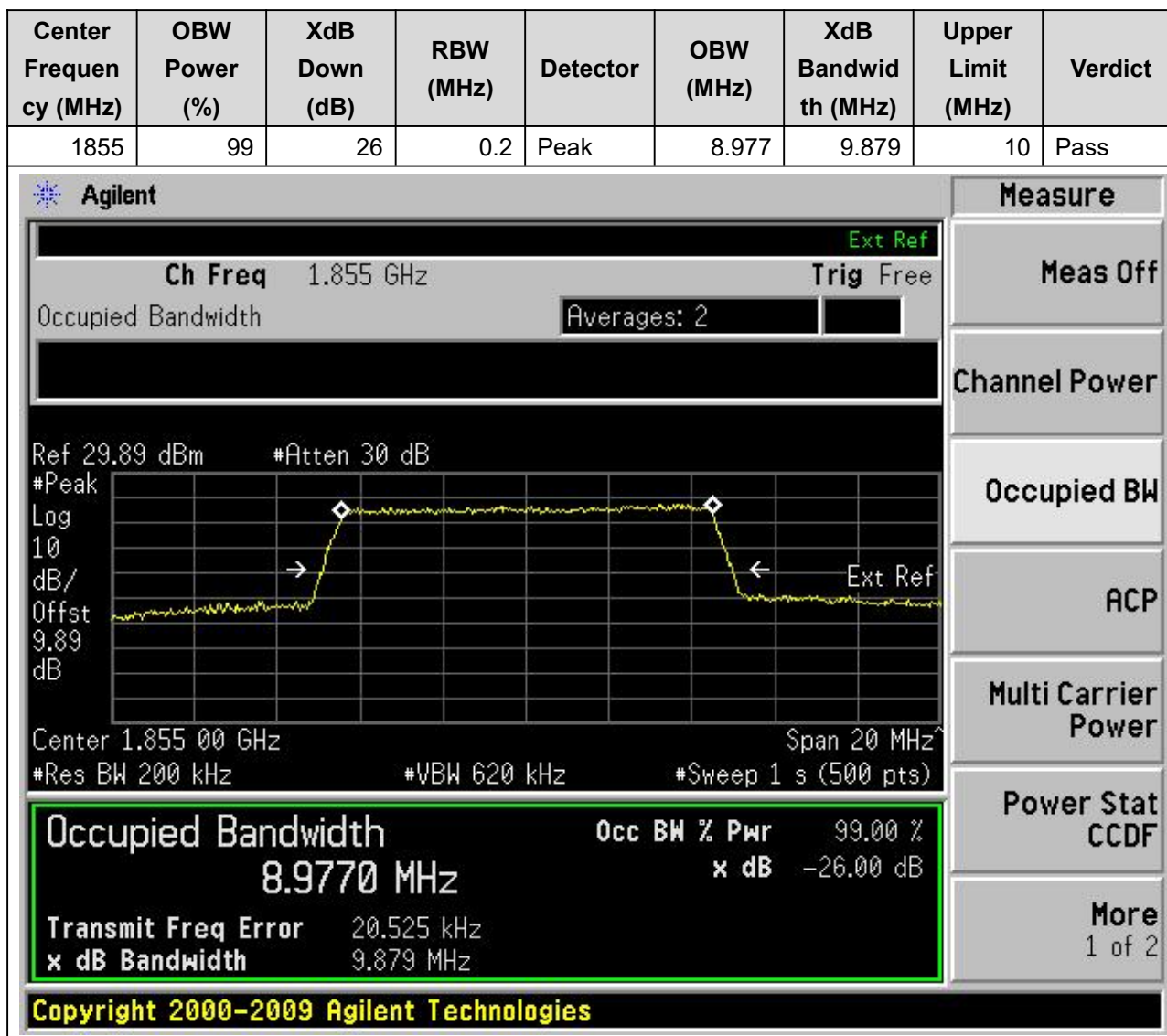
9.13 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



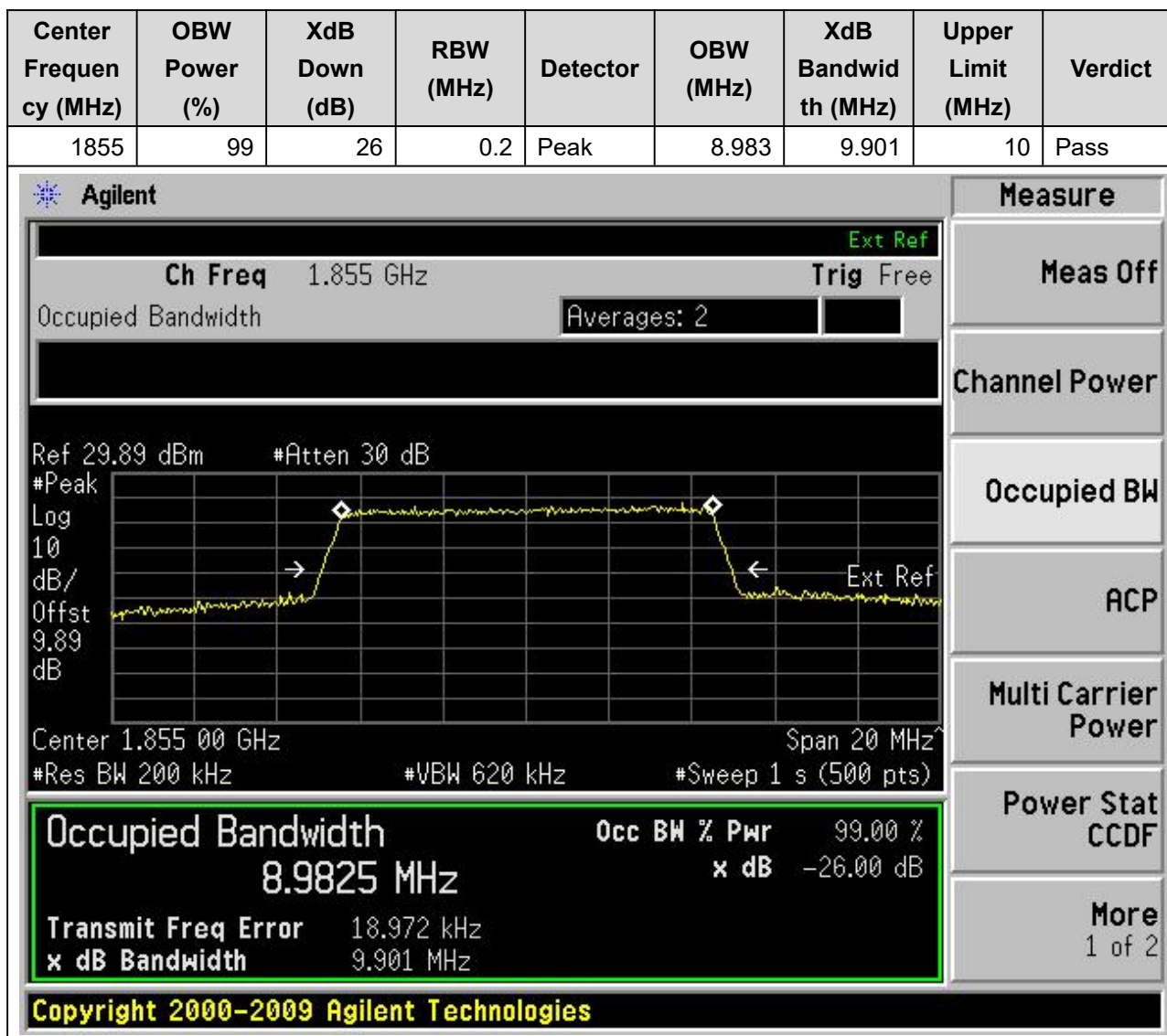
9.14 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



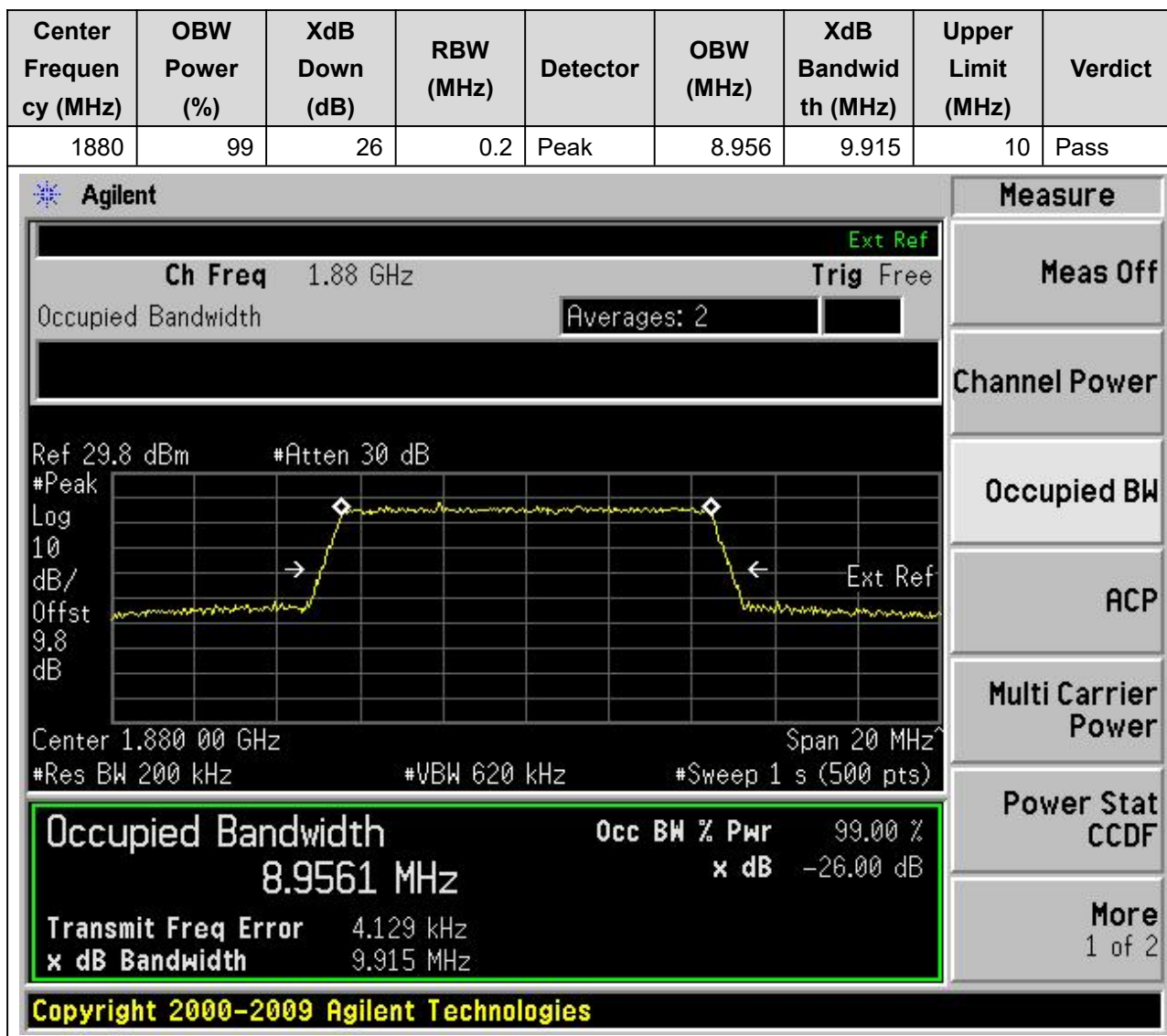
9.15 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



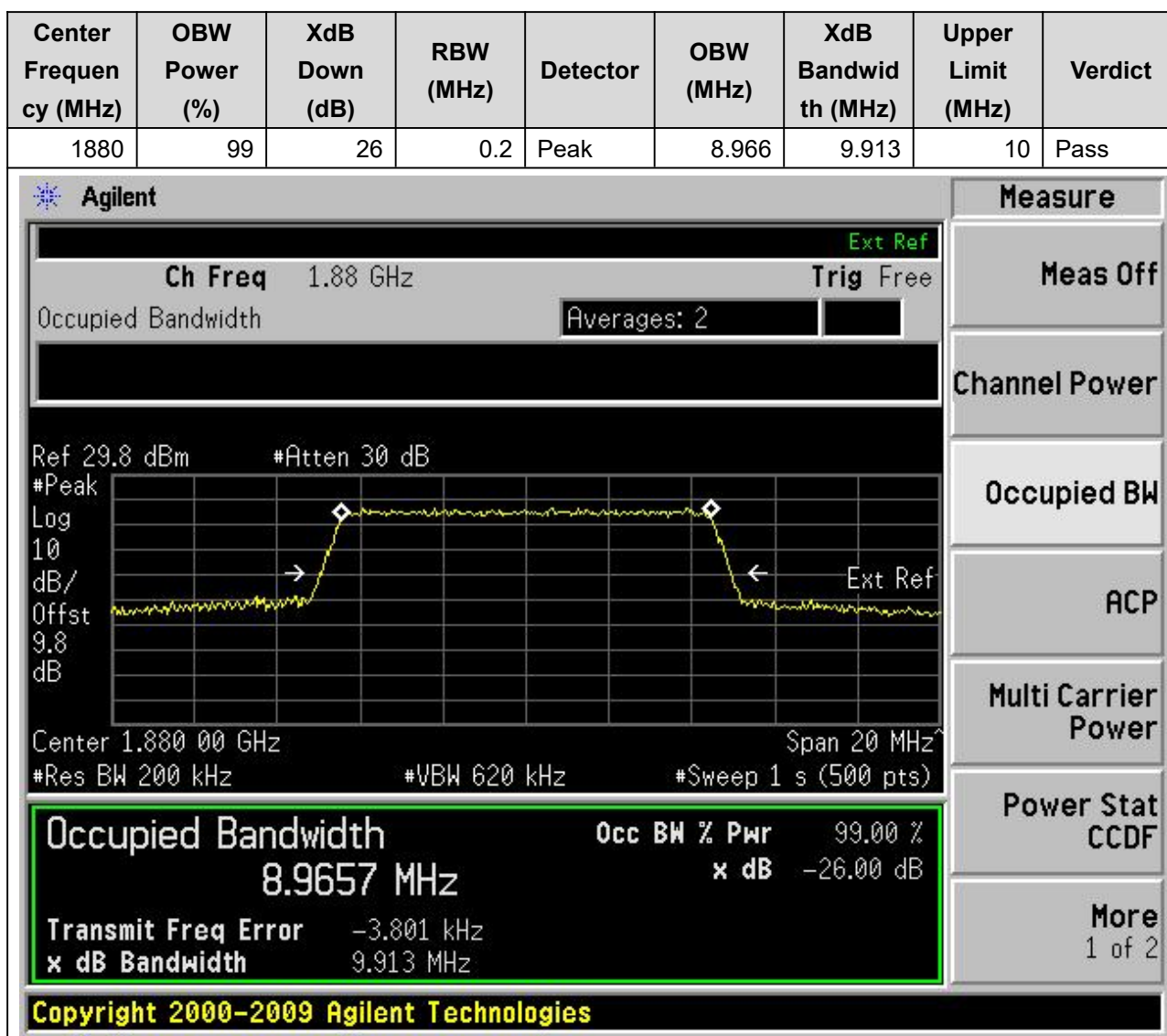
9.16 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



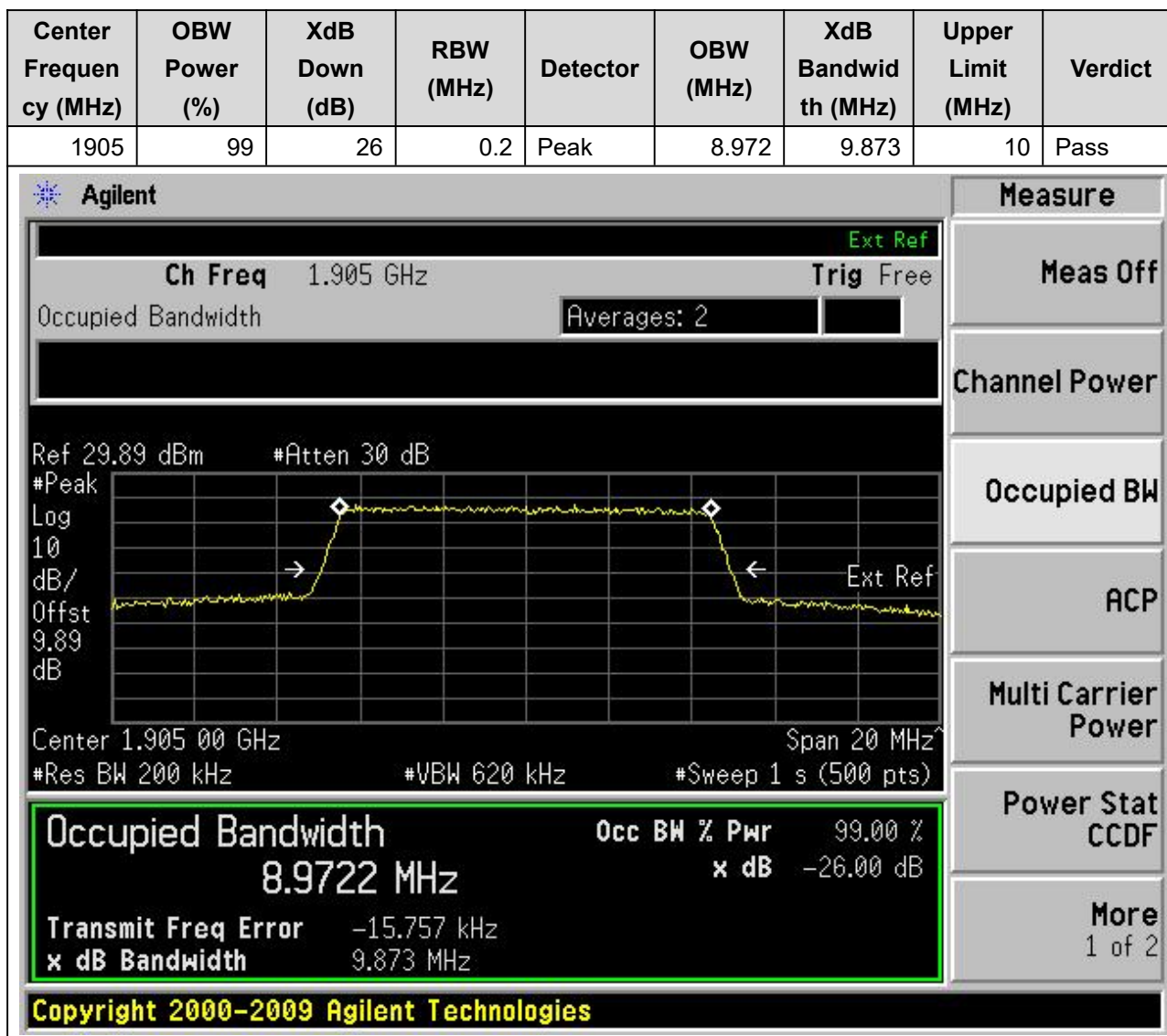
9.17 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:17, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



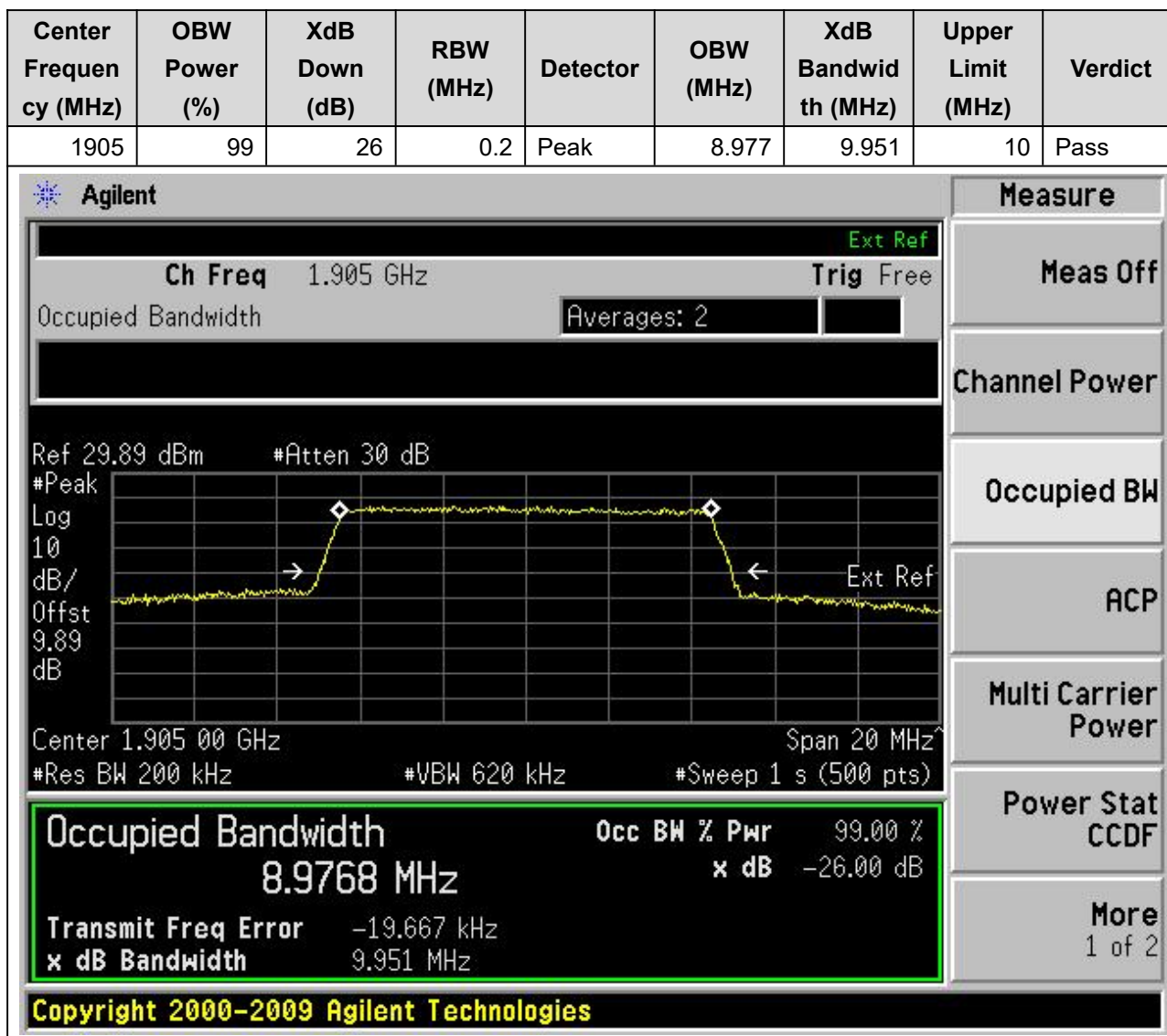
9.18 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:18, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



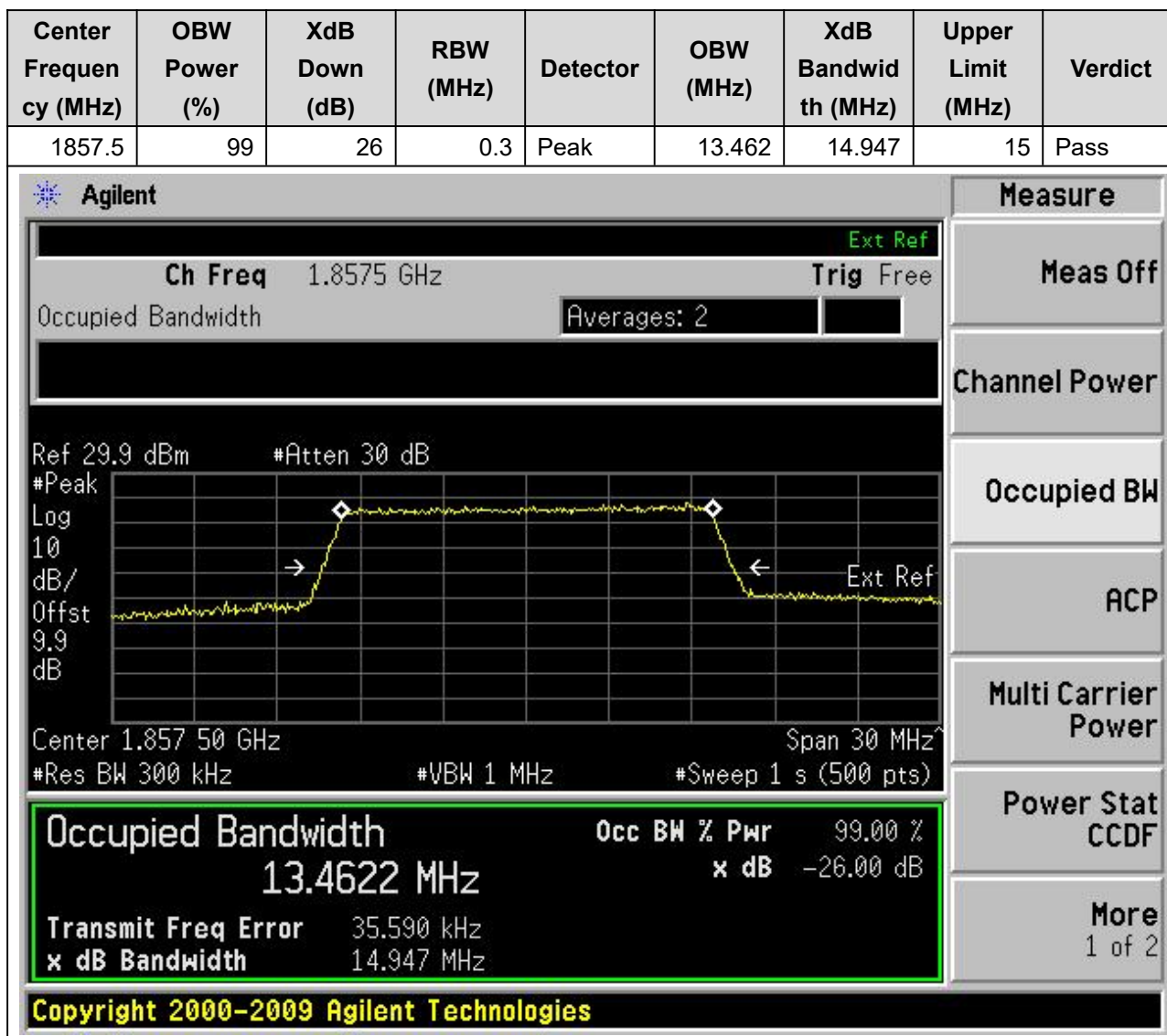
9.19 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:19, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



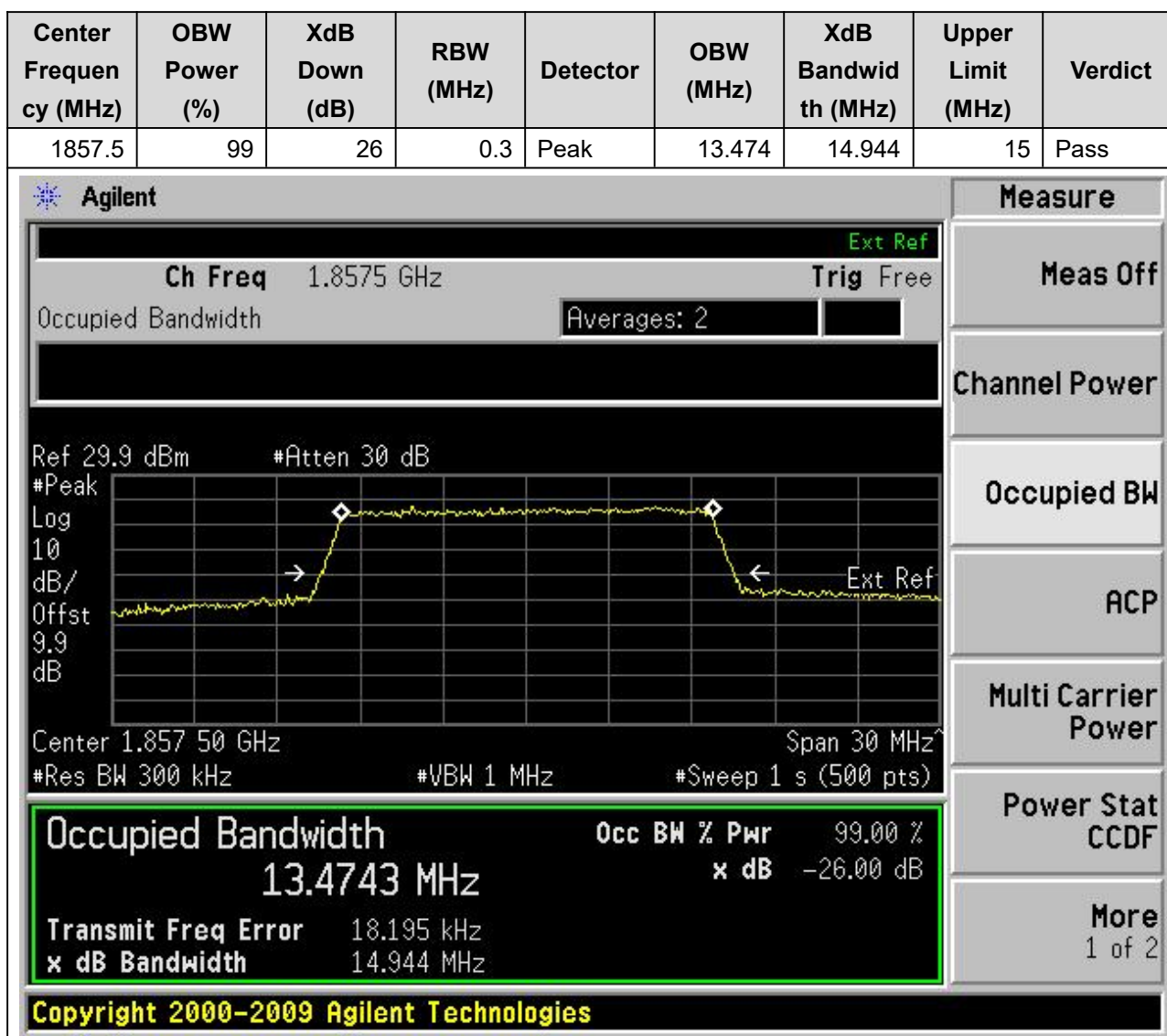
9.20 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:20, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



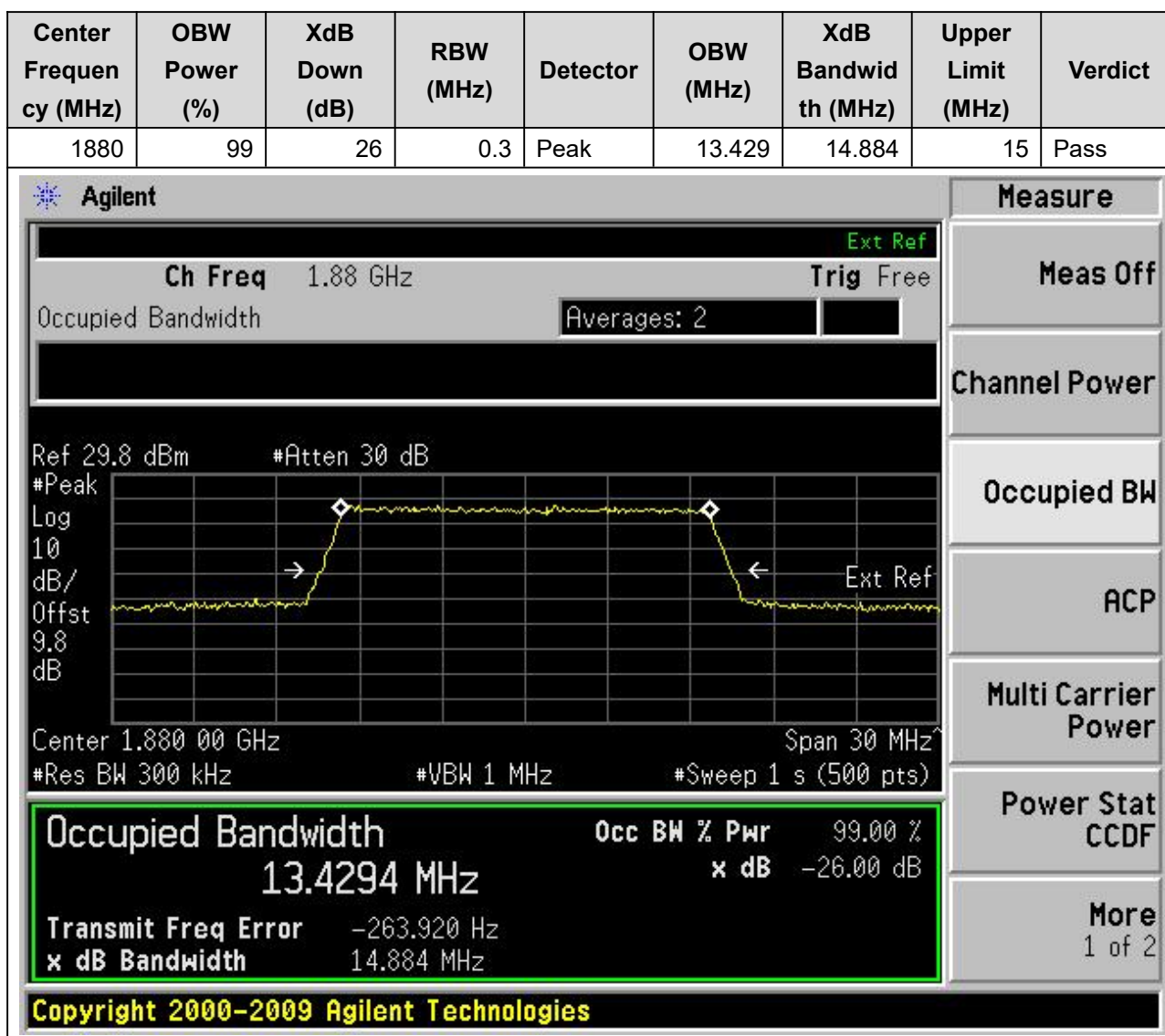
9.21 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:21, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



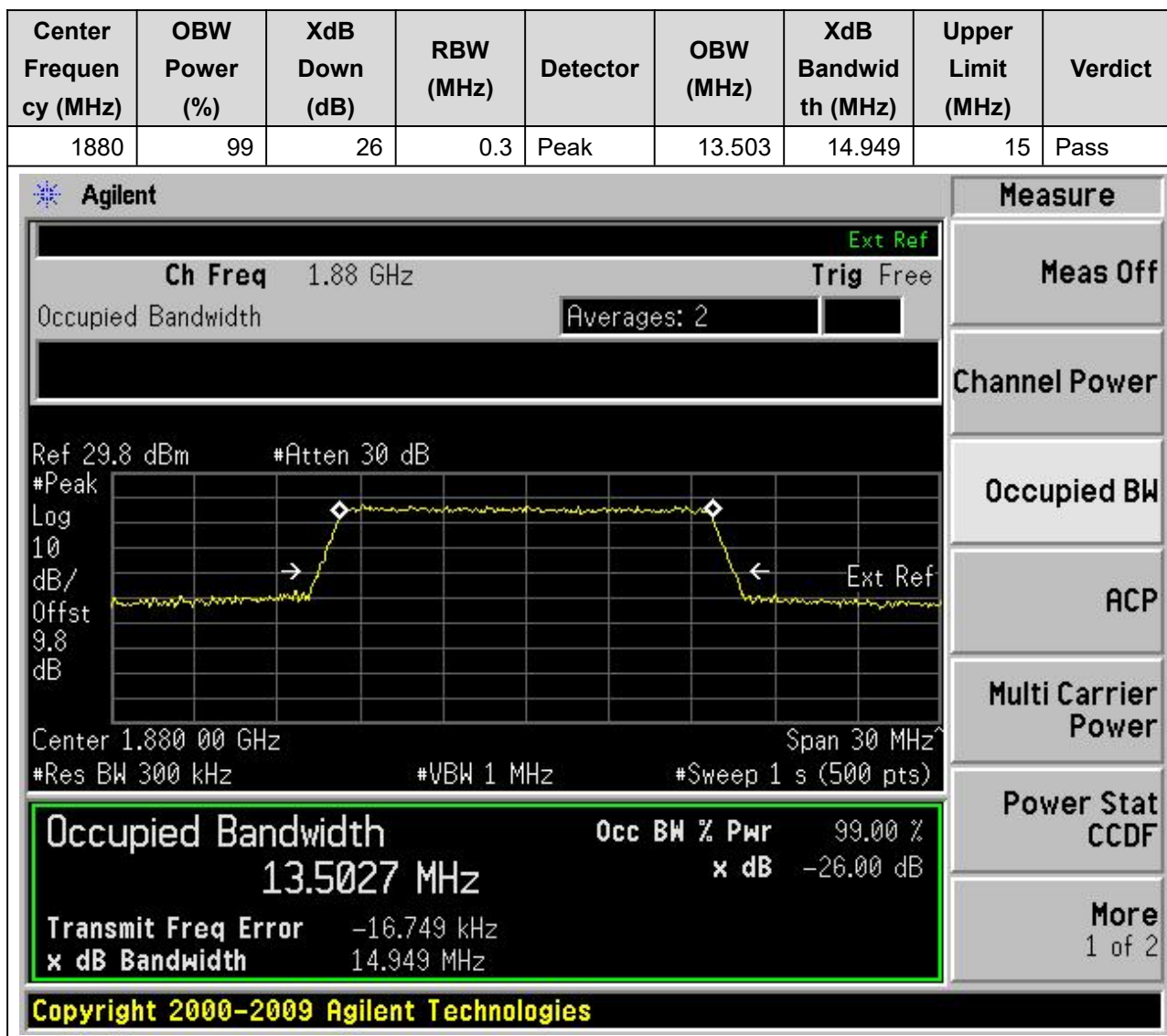
9.22 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:22, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



9.23 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:23, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



9.24 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:24, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



9.25 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:25, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

