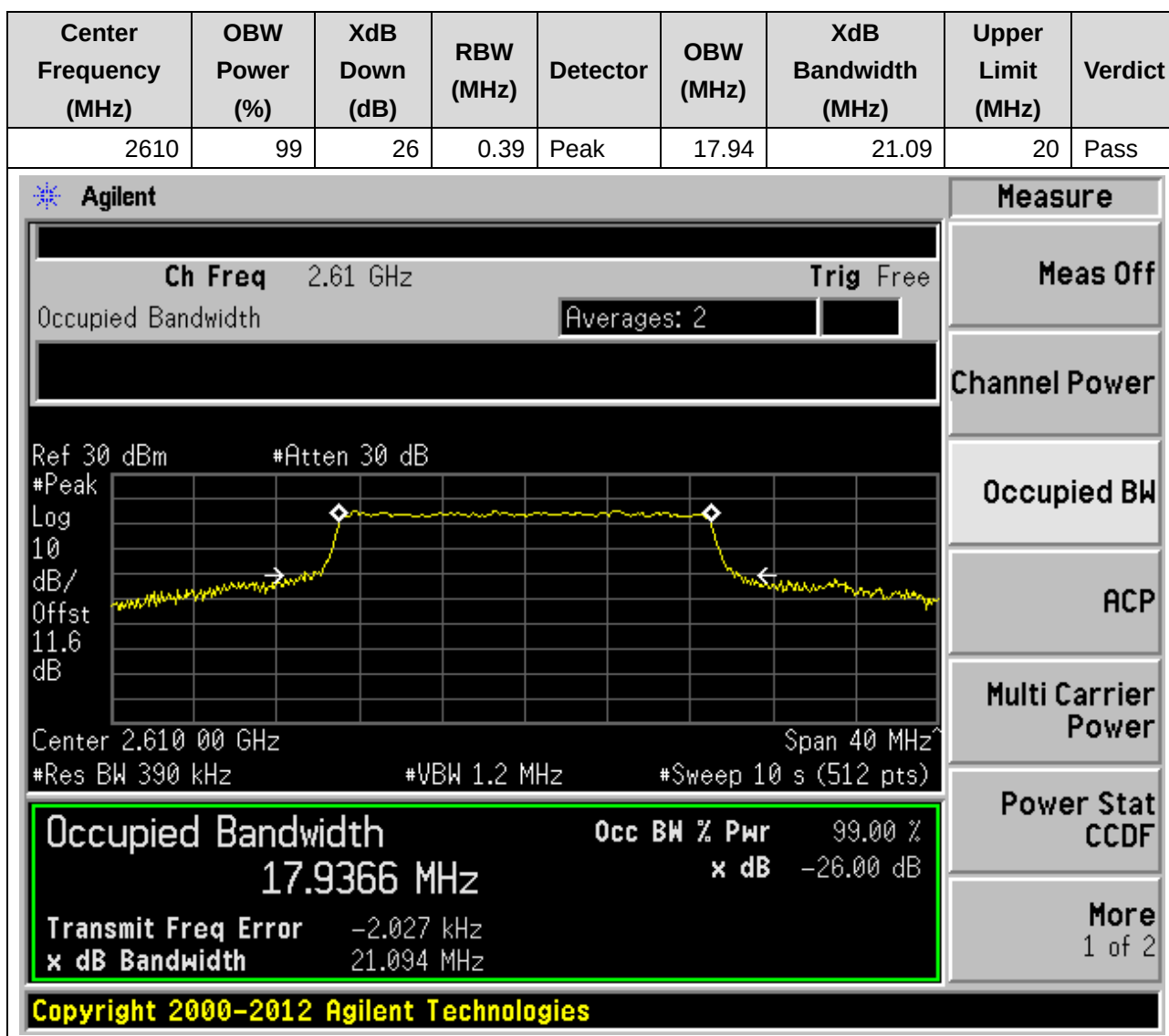
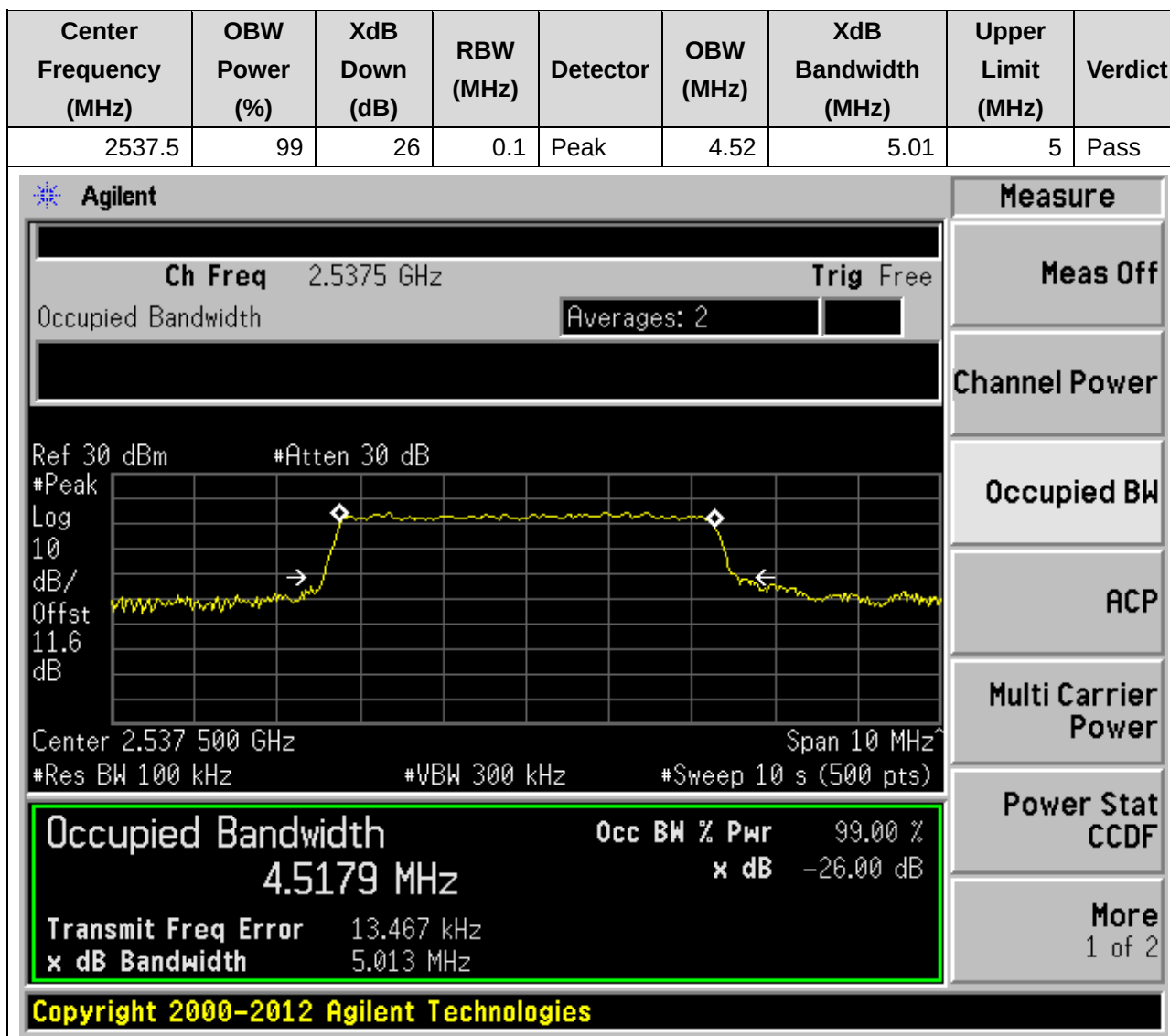


5.12. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:38150, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)



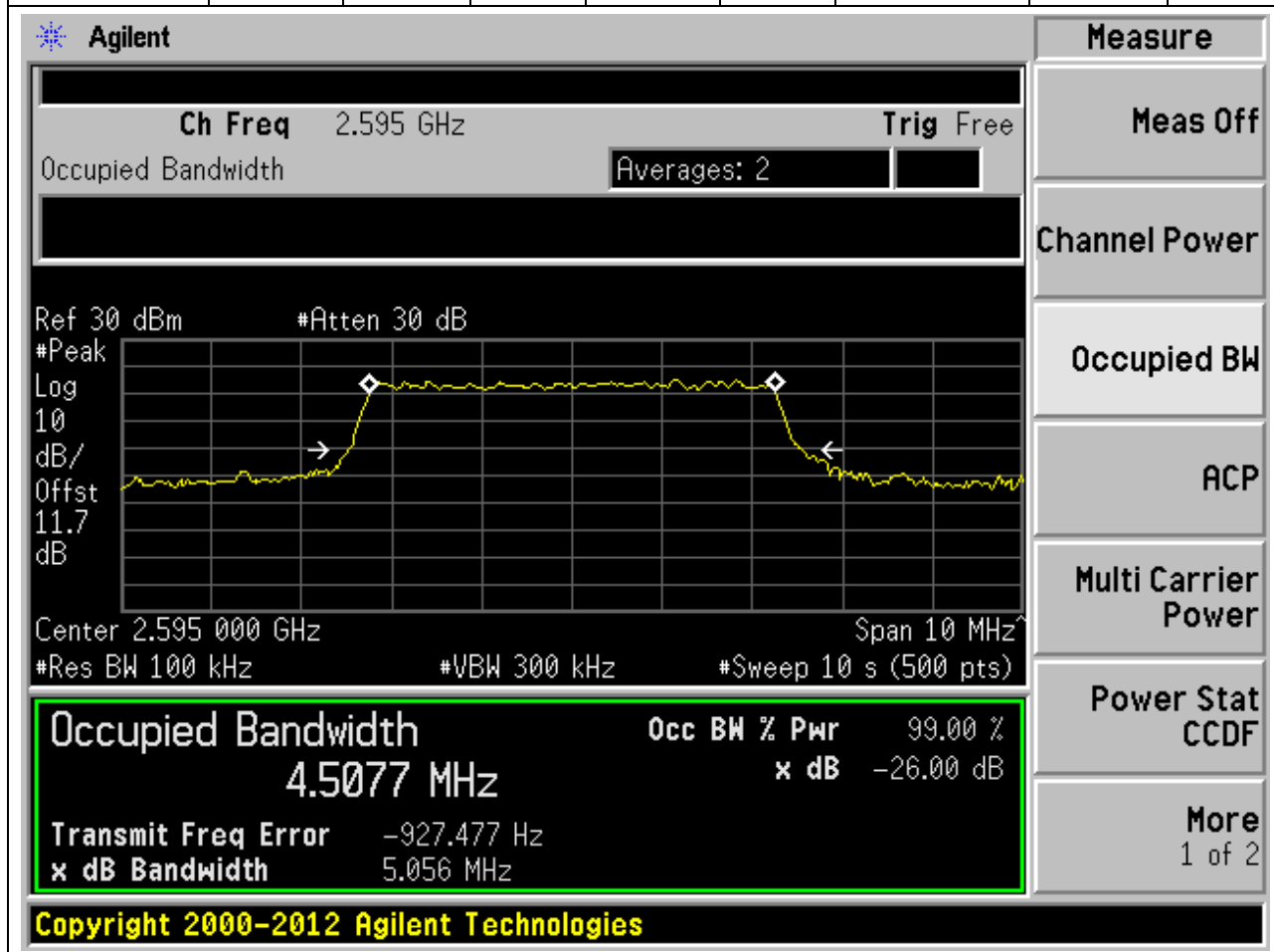
6. LTE_Band41 120M

6.1. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40065, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



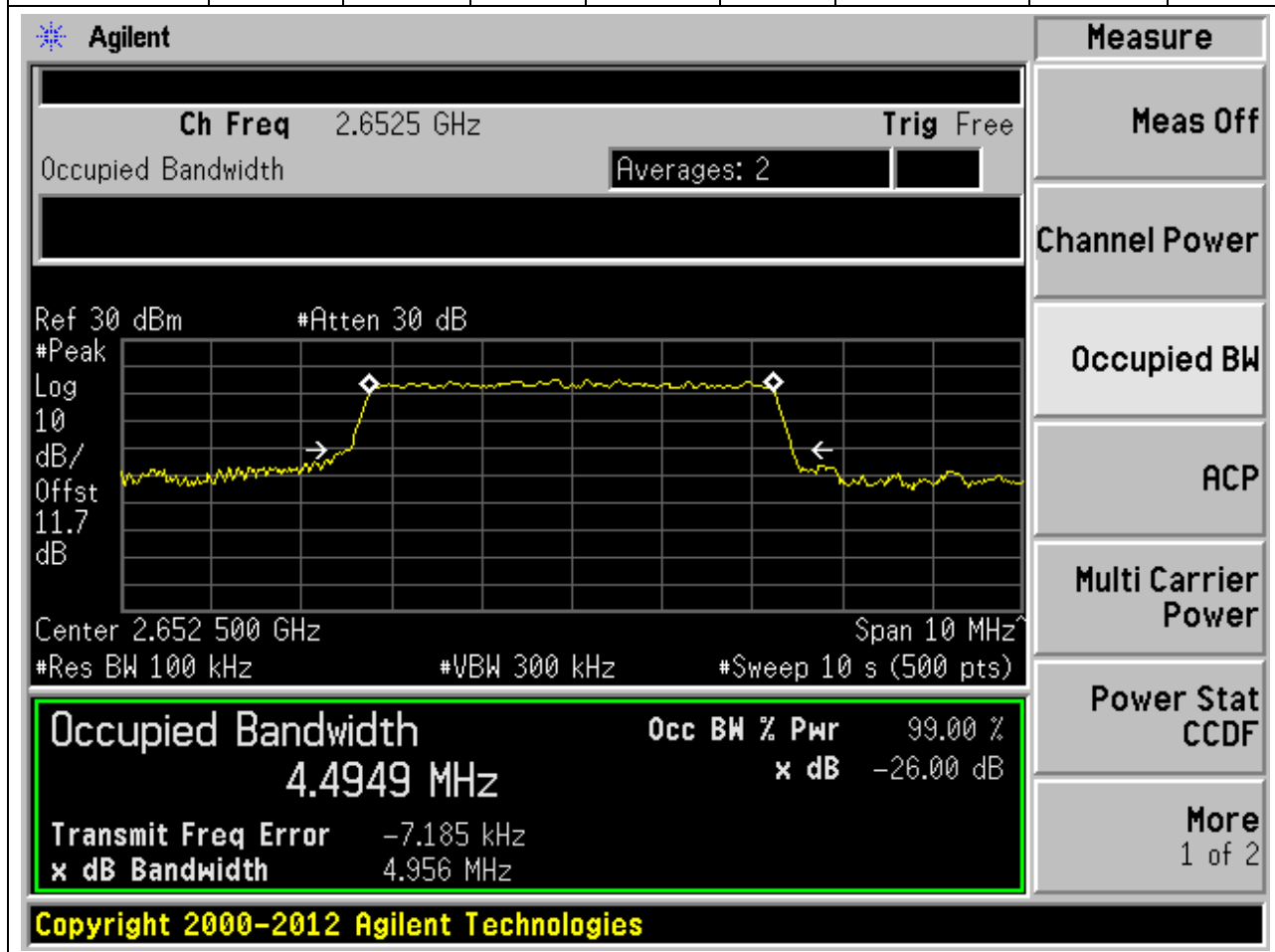
6.2. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.1	Peak	4.51	5.06	5	Pass

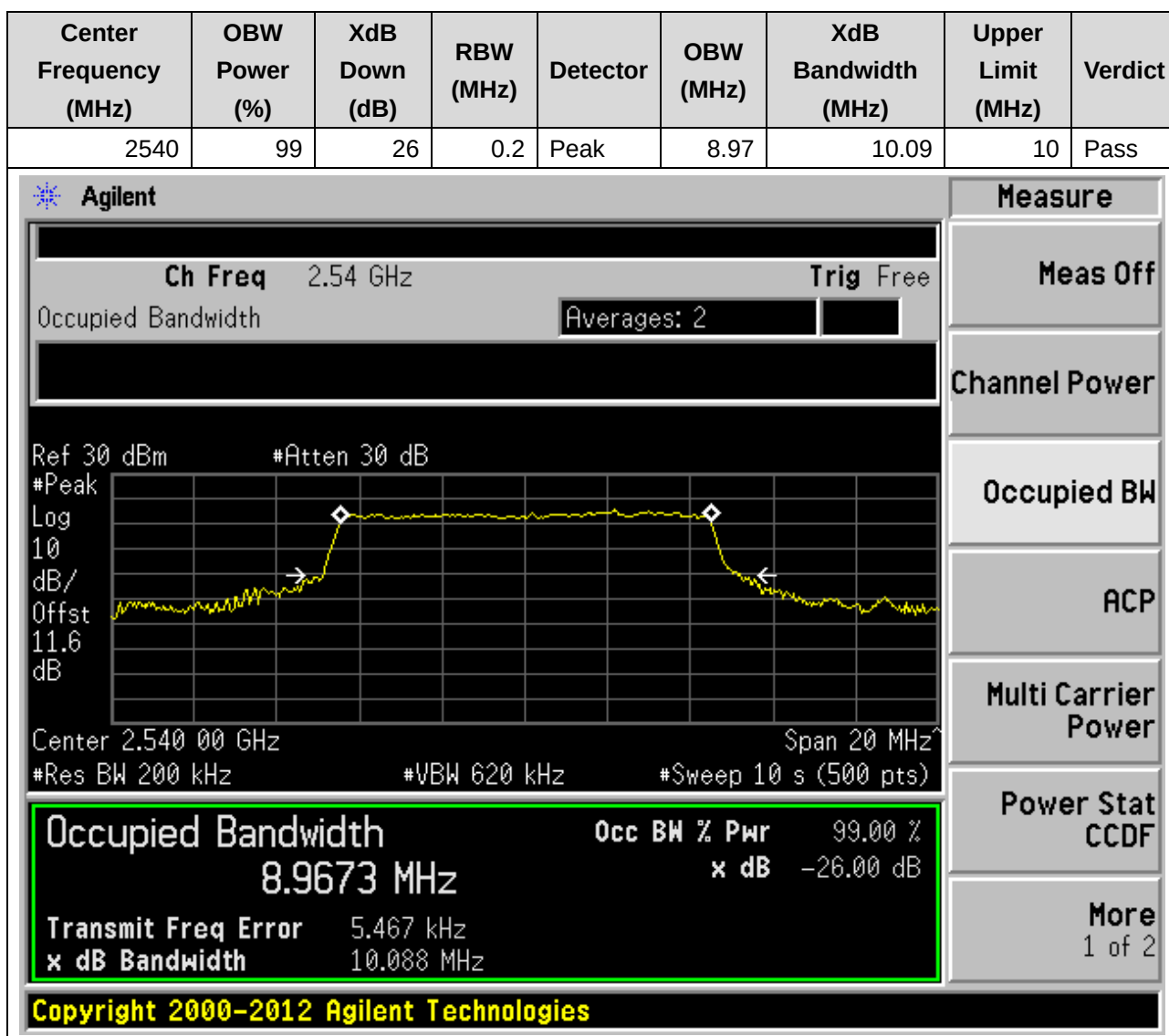


6.3. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41215, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

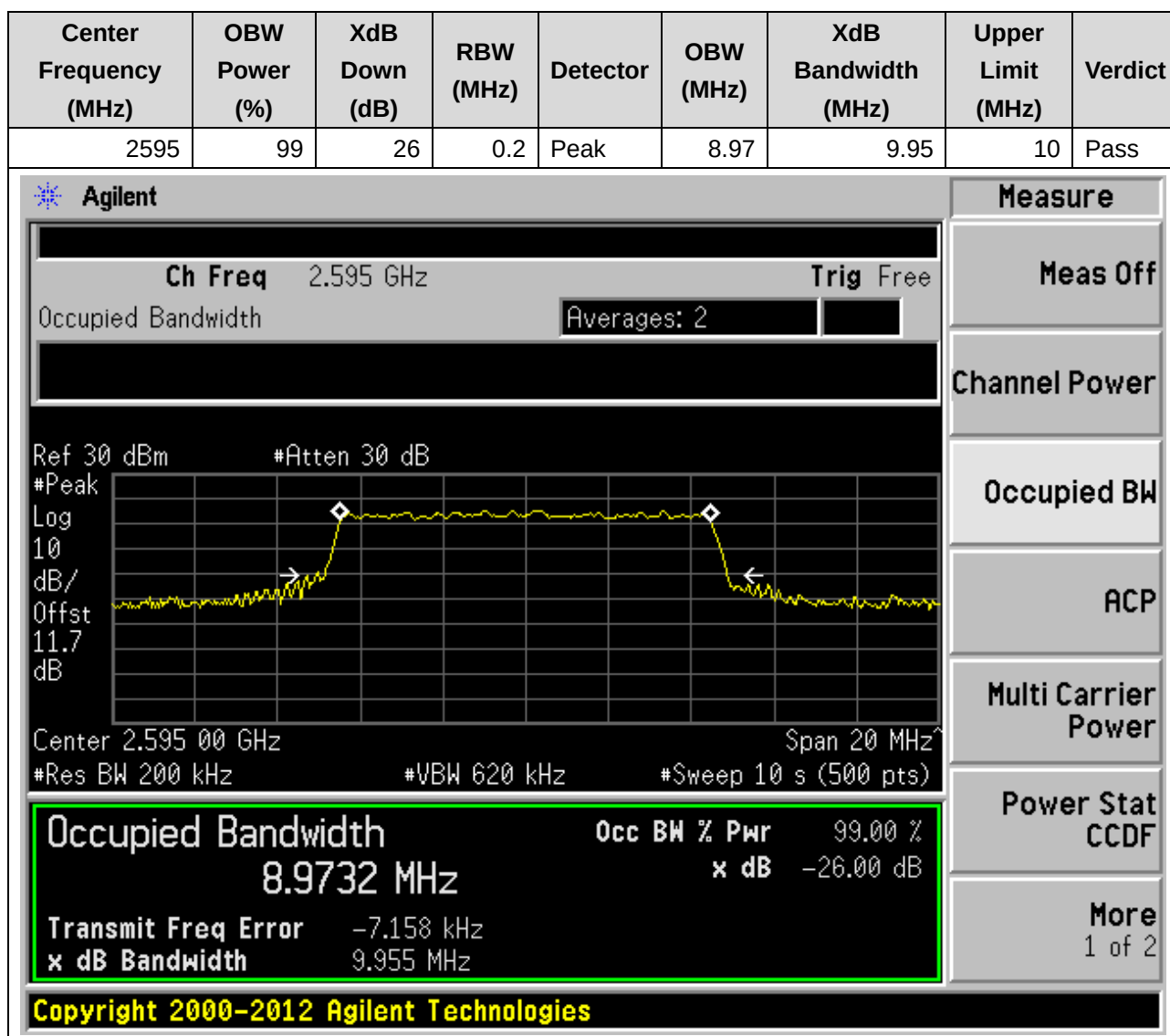
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2652.5	99	26	0.1	Peak	4.49	4.96	5	Pass



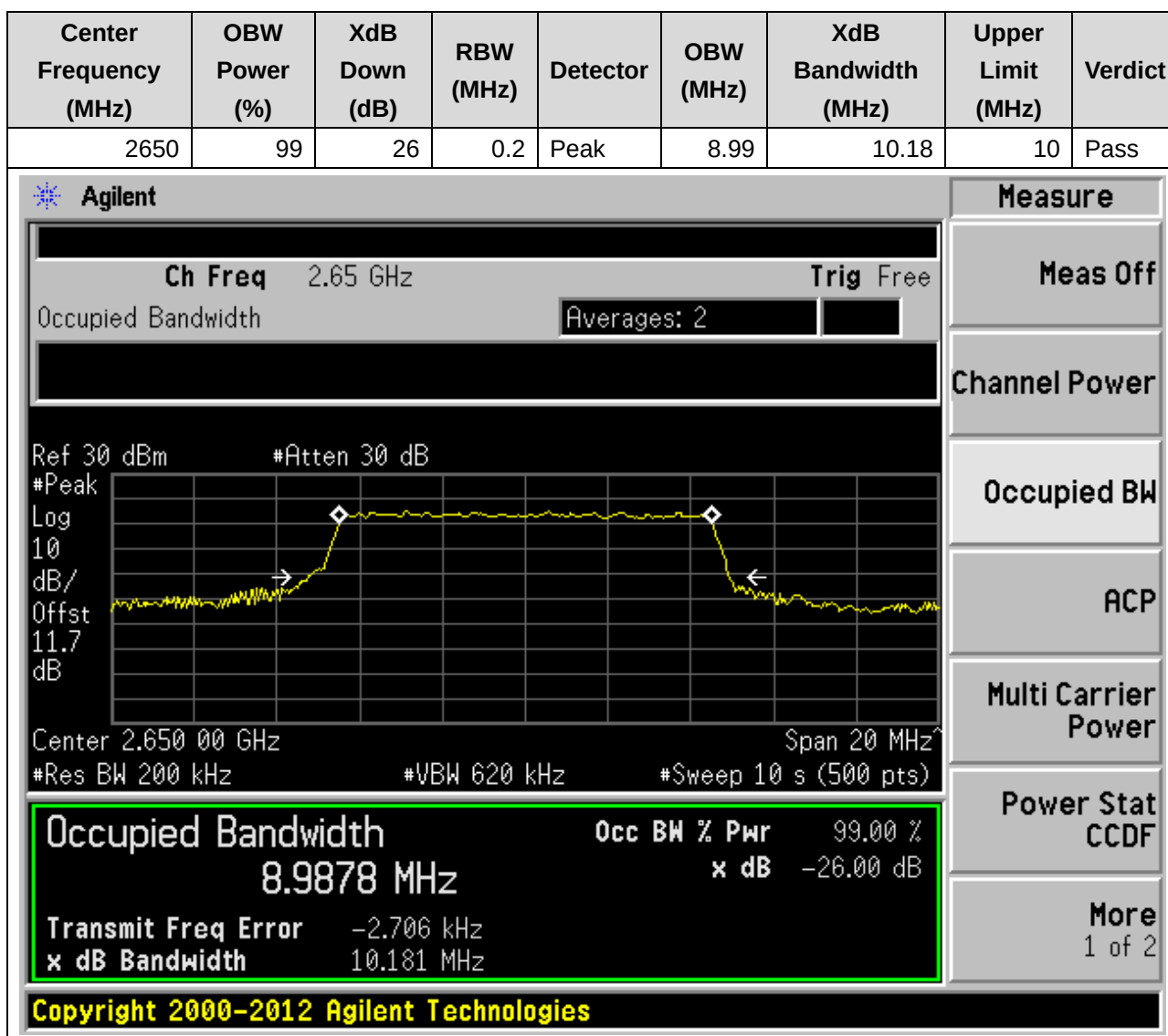
6.4. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40090, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)



6.5. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

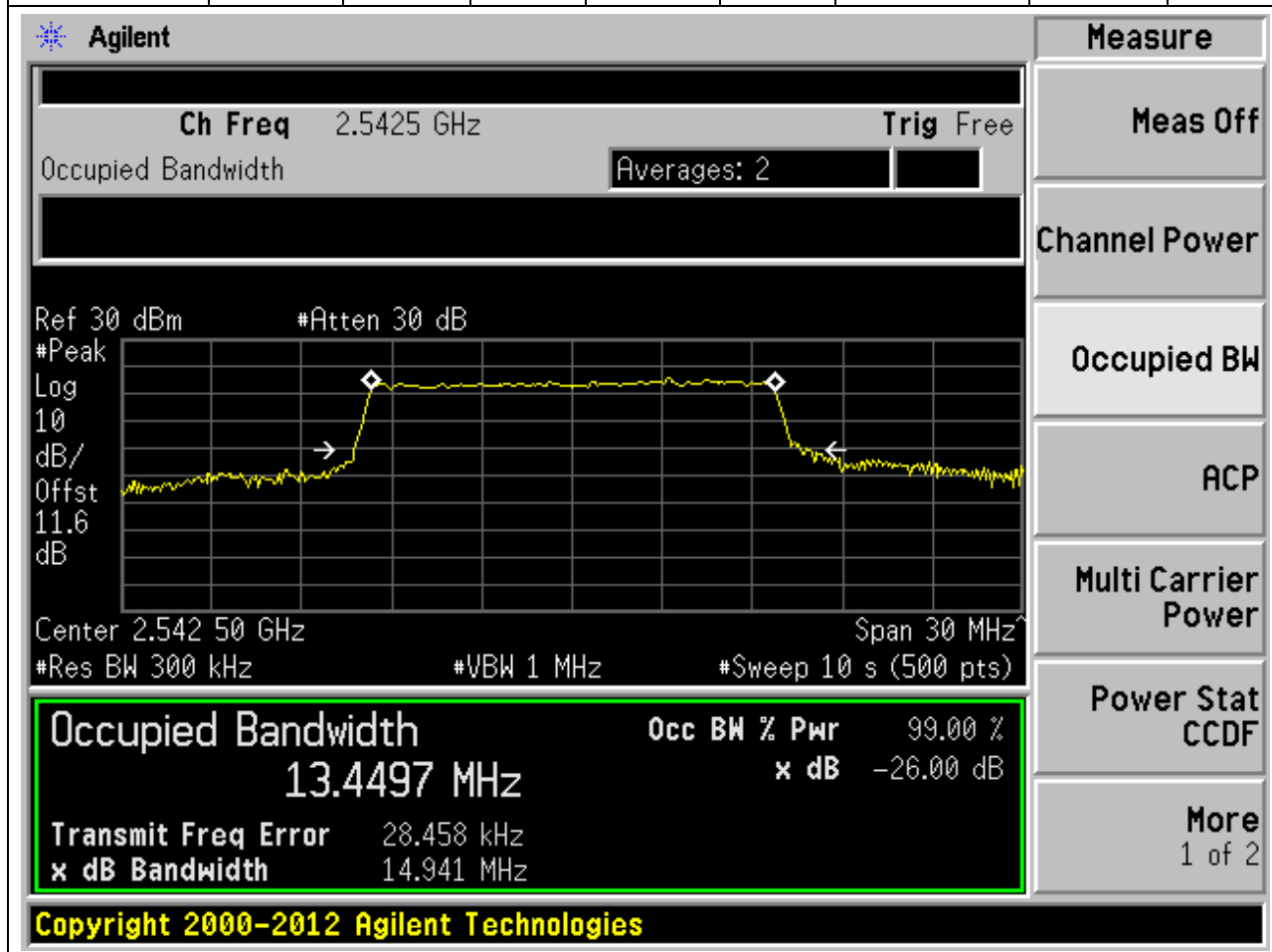


6.6. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41190, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

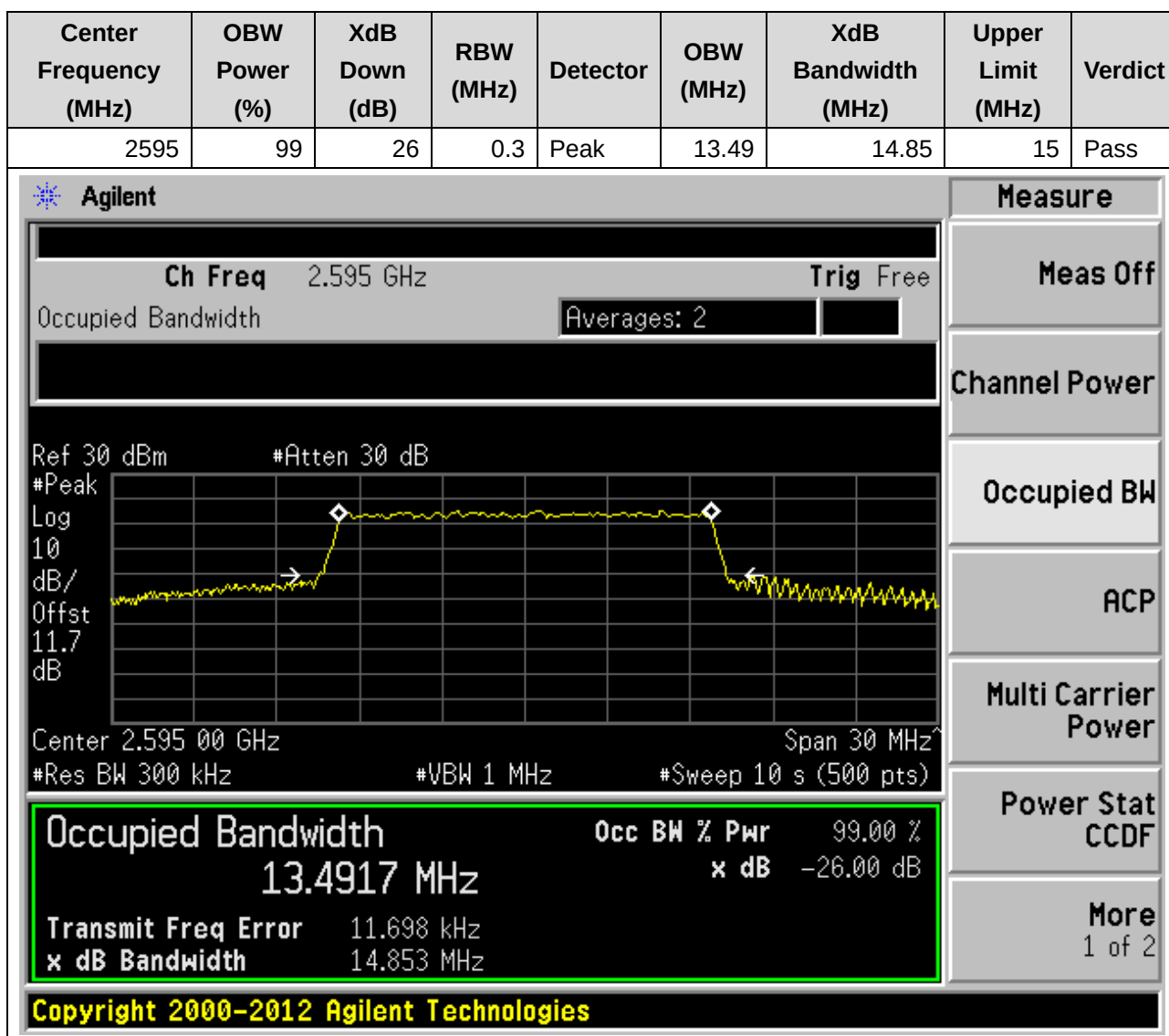


6.7. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40115, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

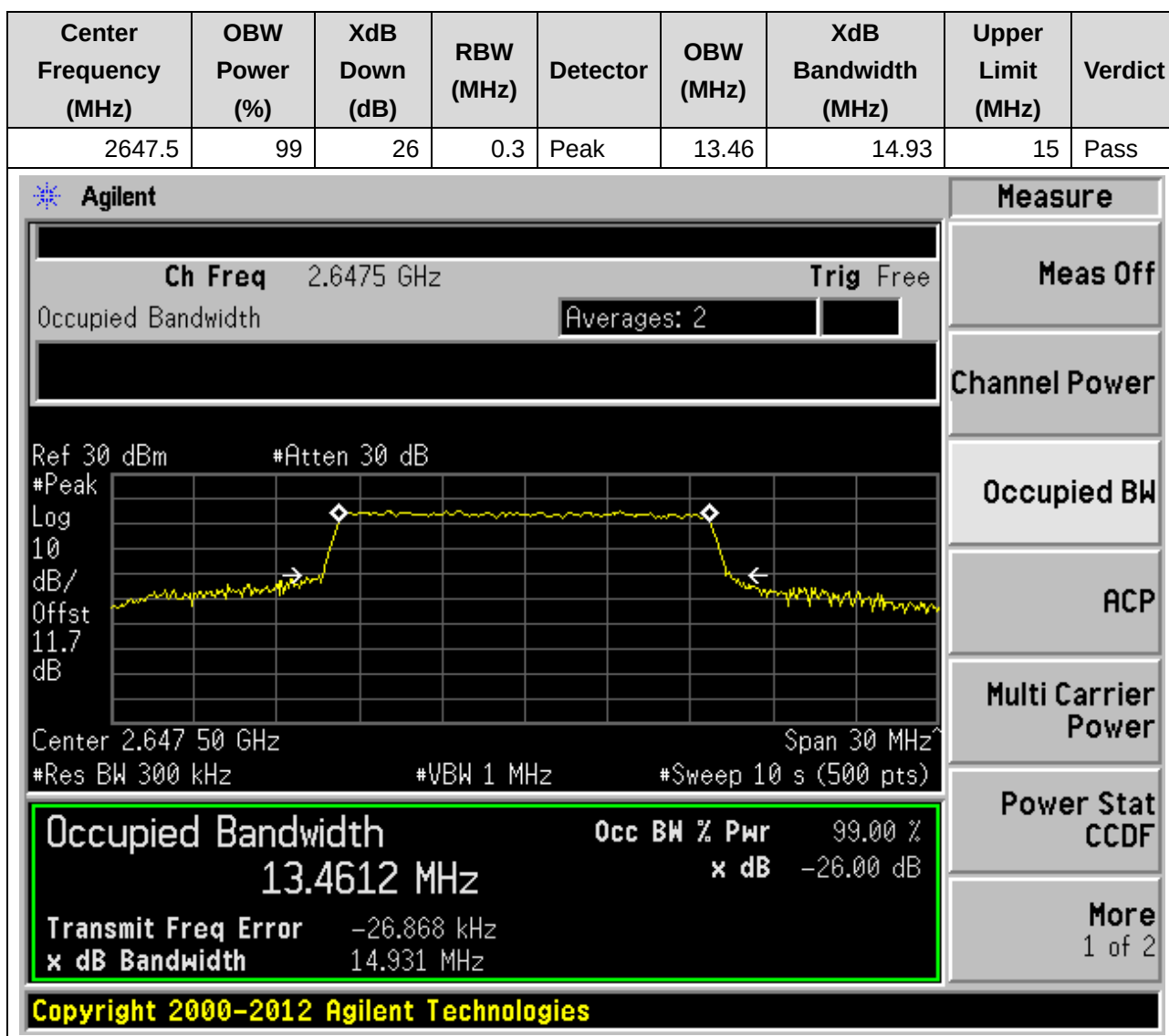
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2542.5	99	26	0.3	Peak	13.45	14.94	15	Pass



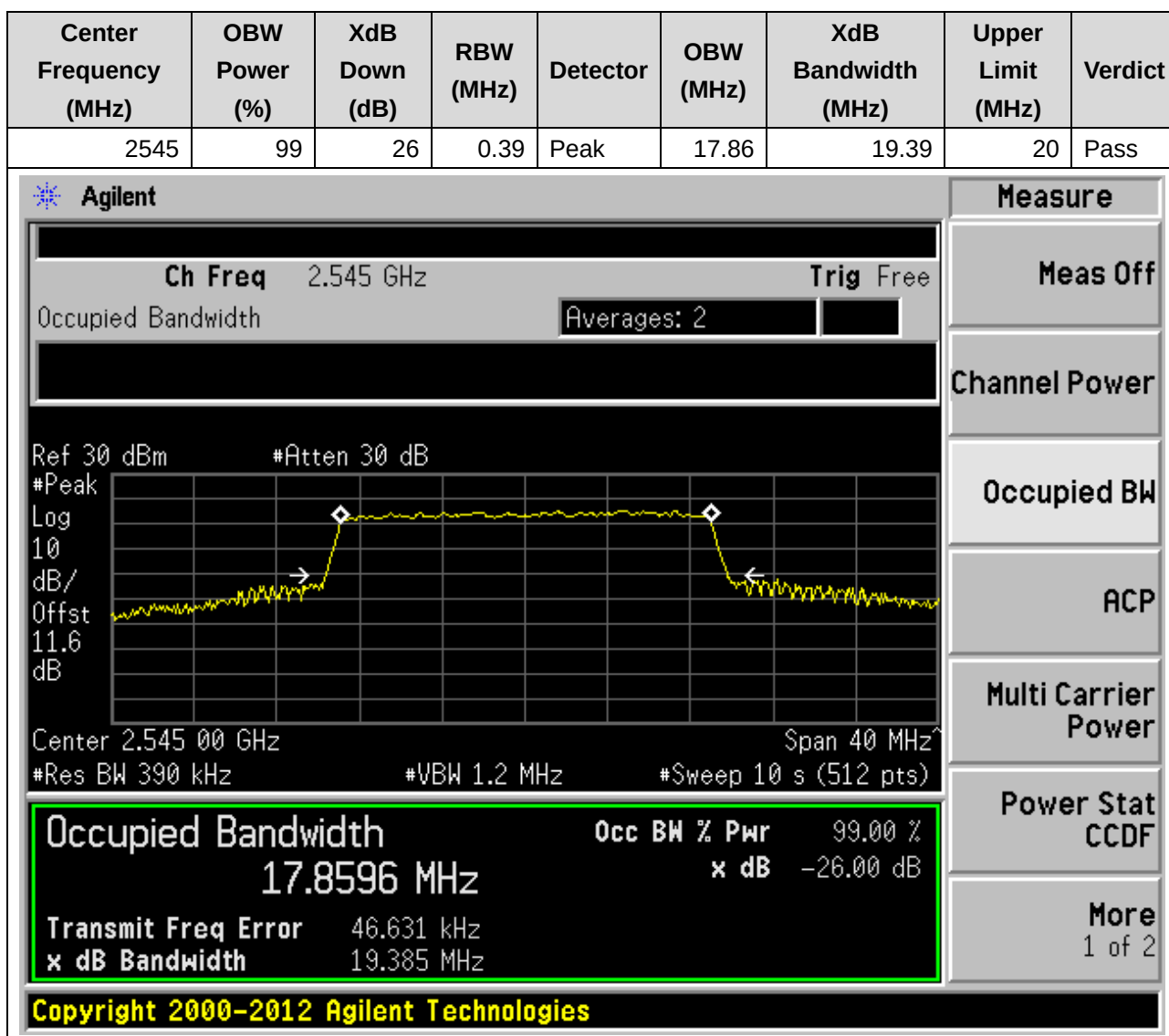
6.8. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)



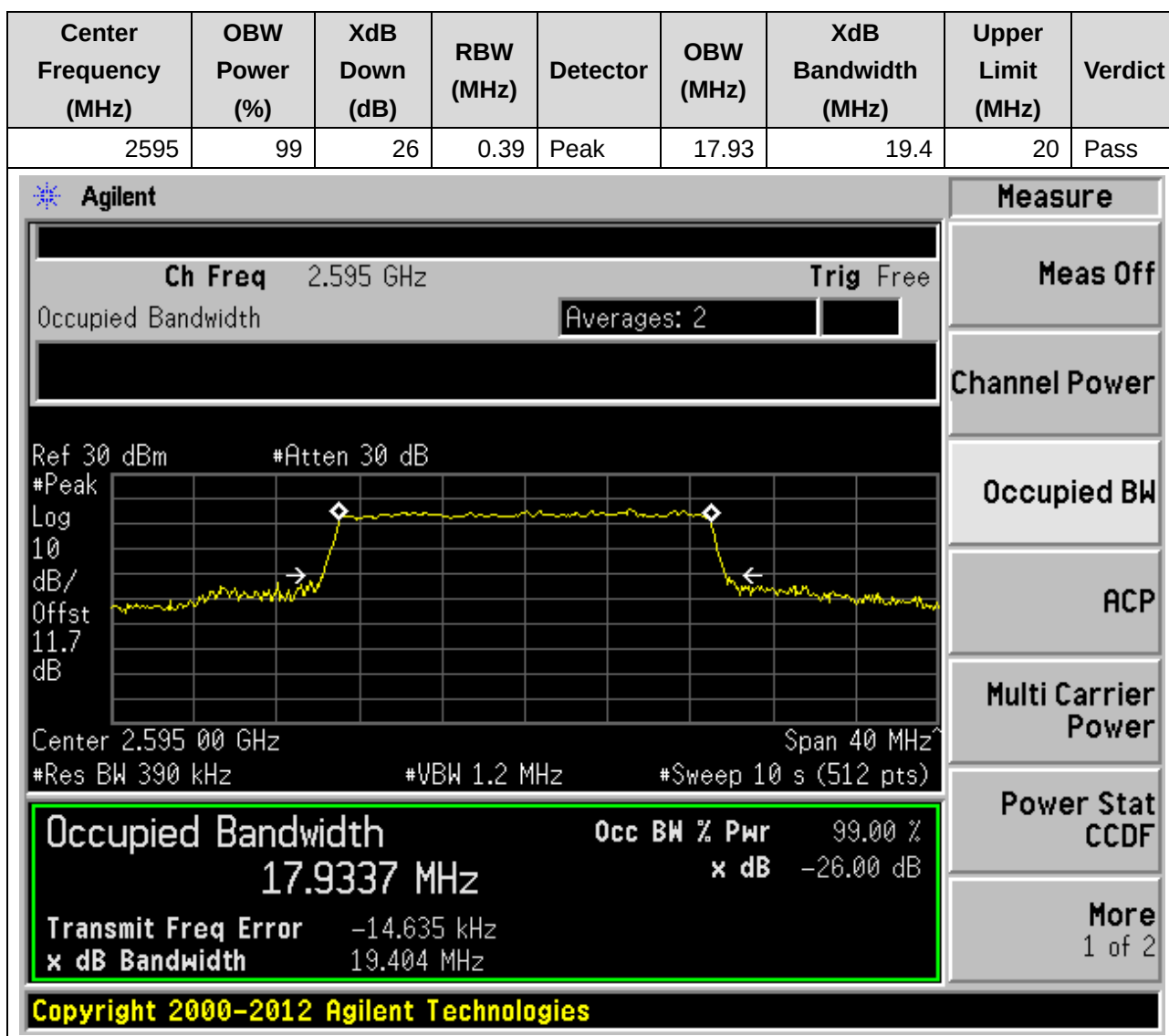
6.9. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41165, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)



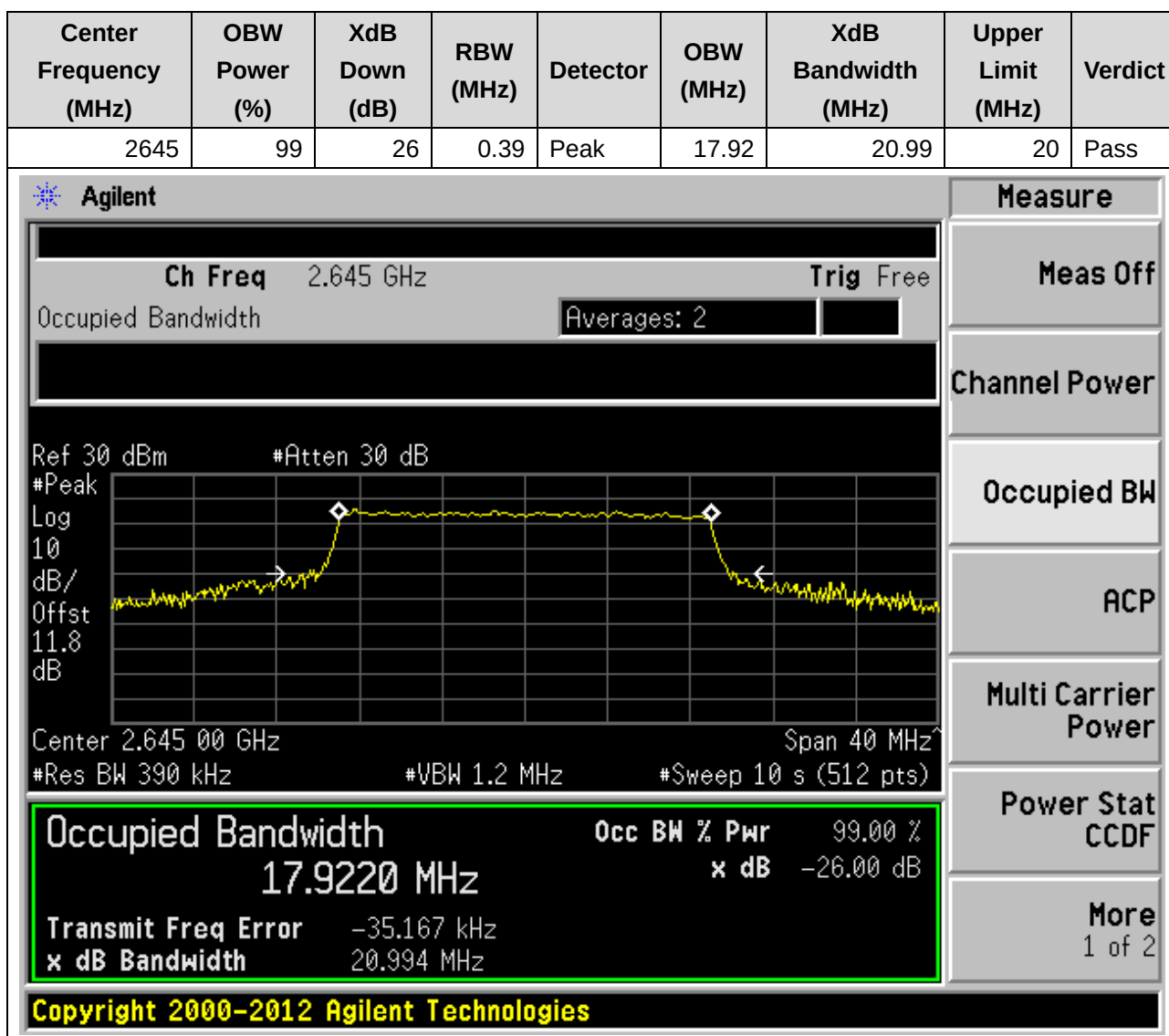
6.10. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40140, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)



6.11. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:40640, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

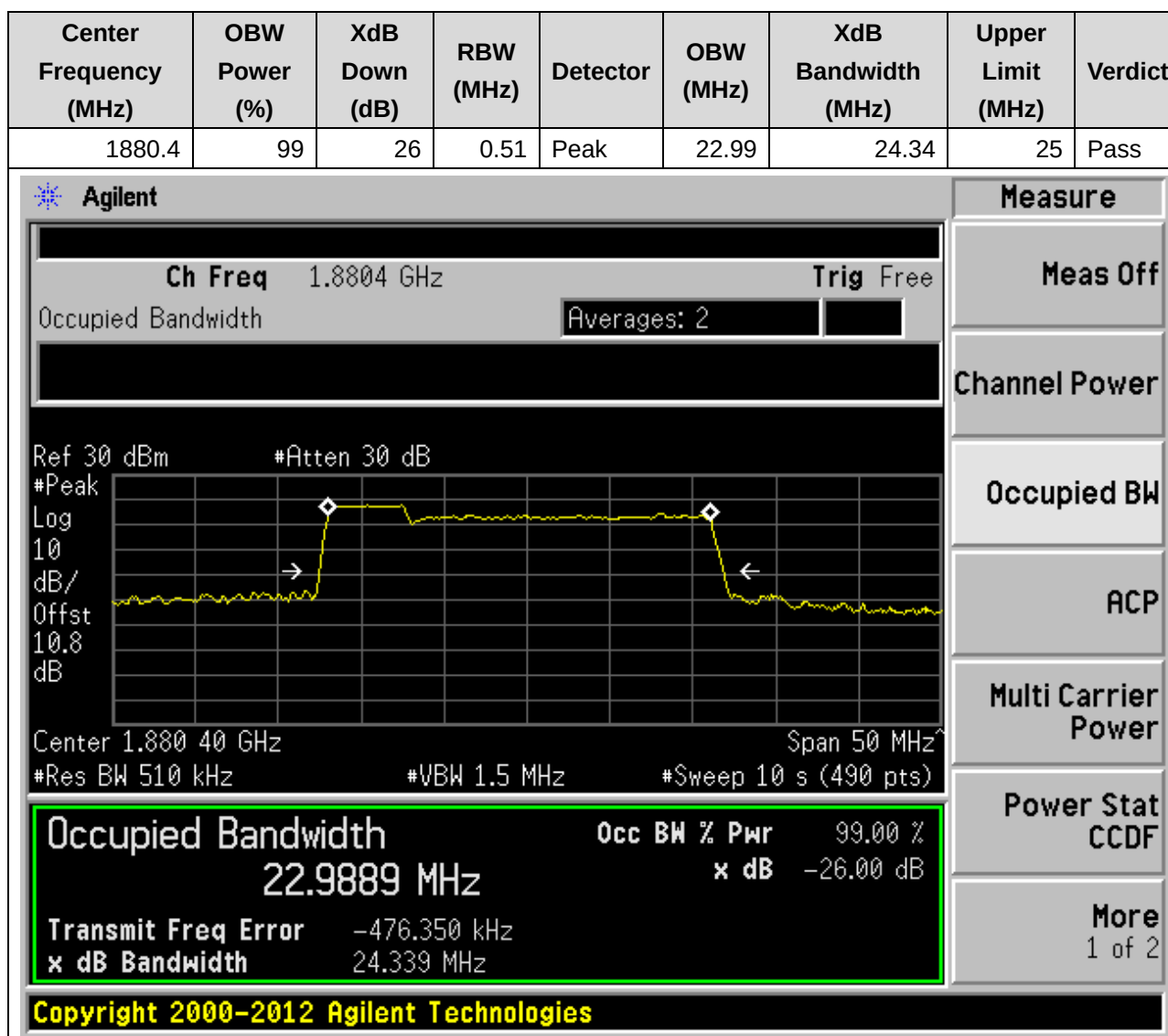


6.12. LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:41140, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

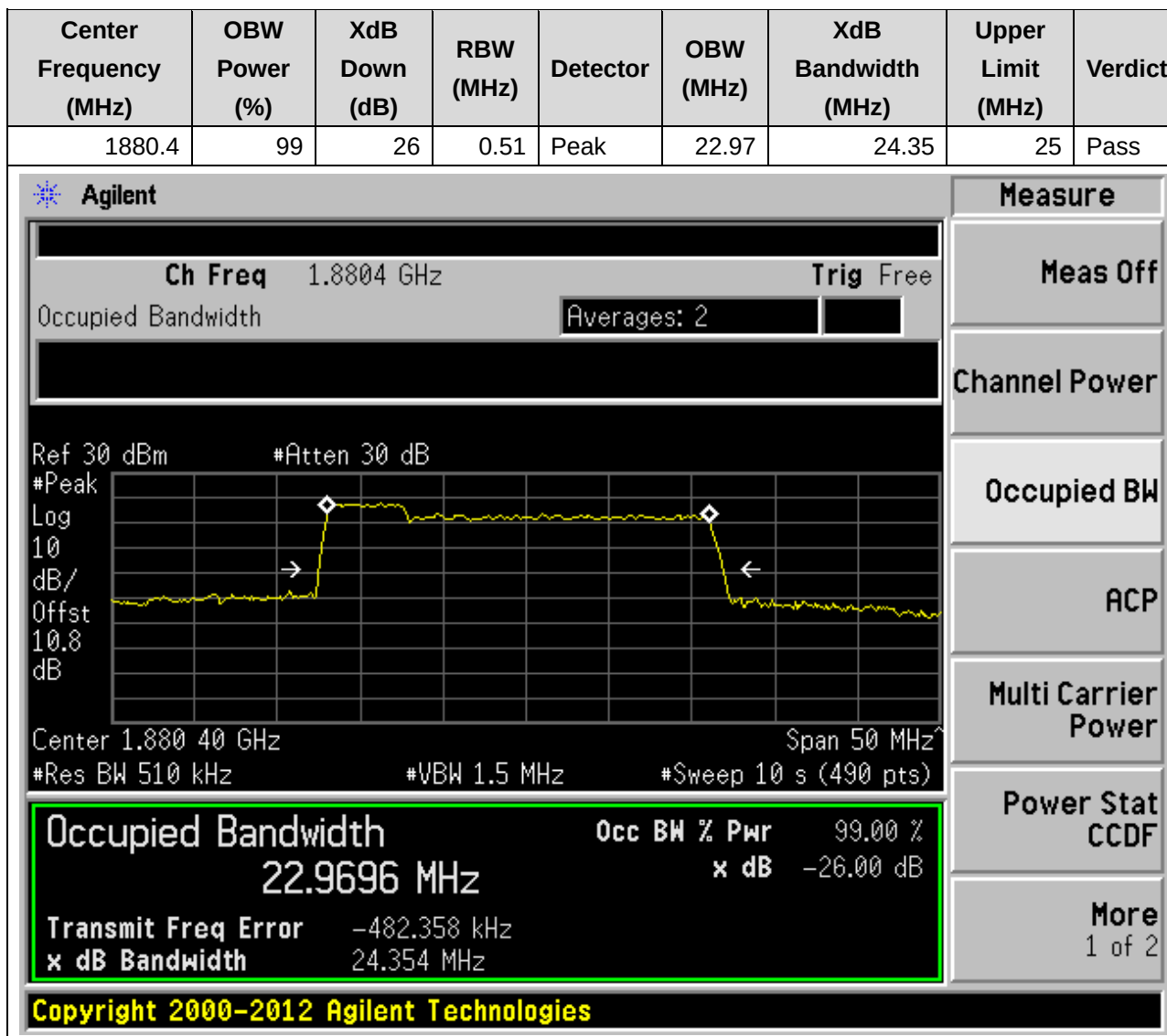


3. CA_2C

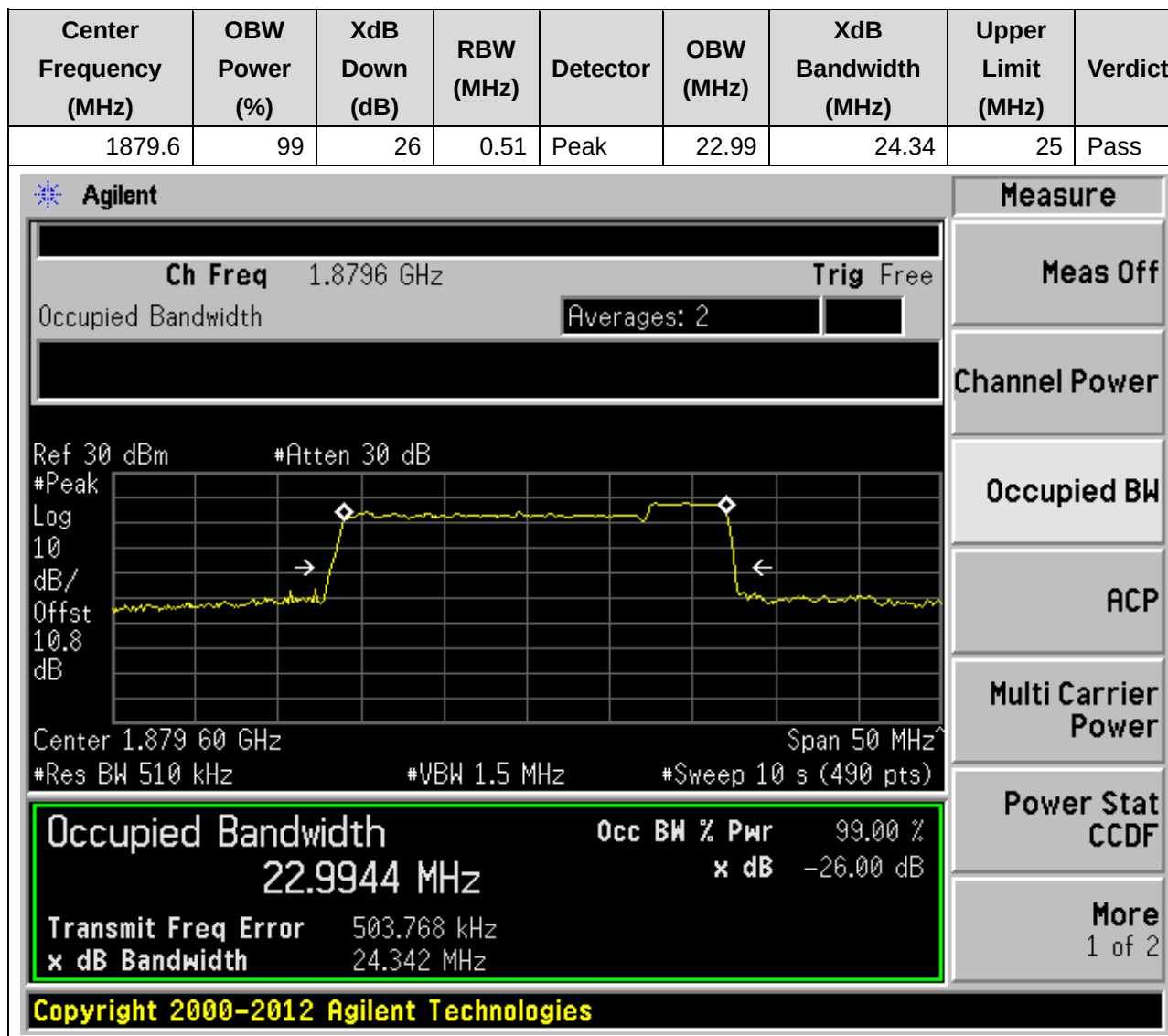
3.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



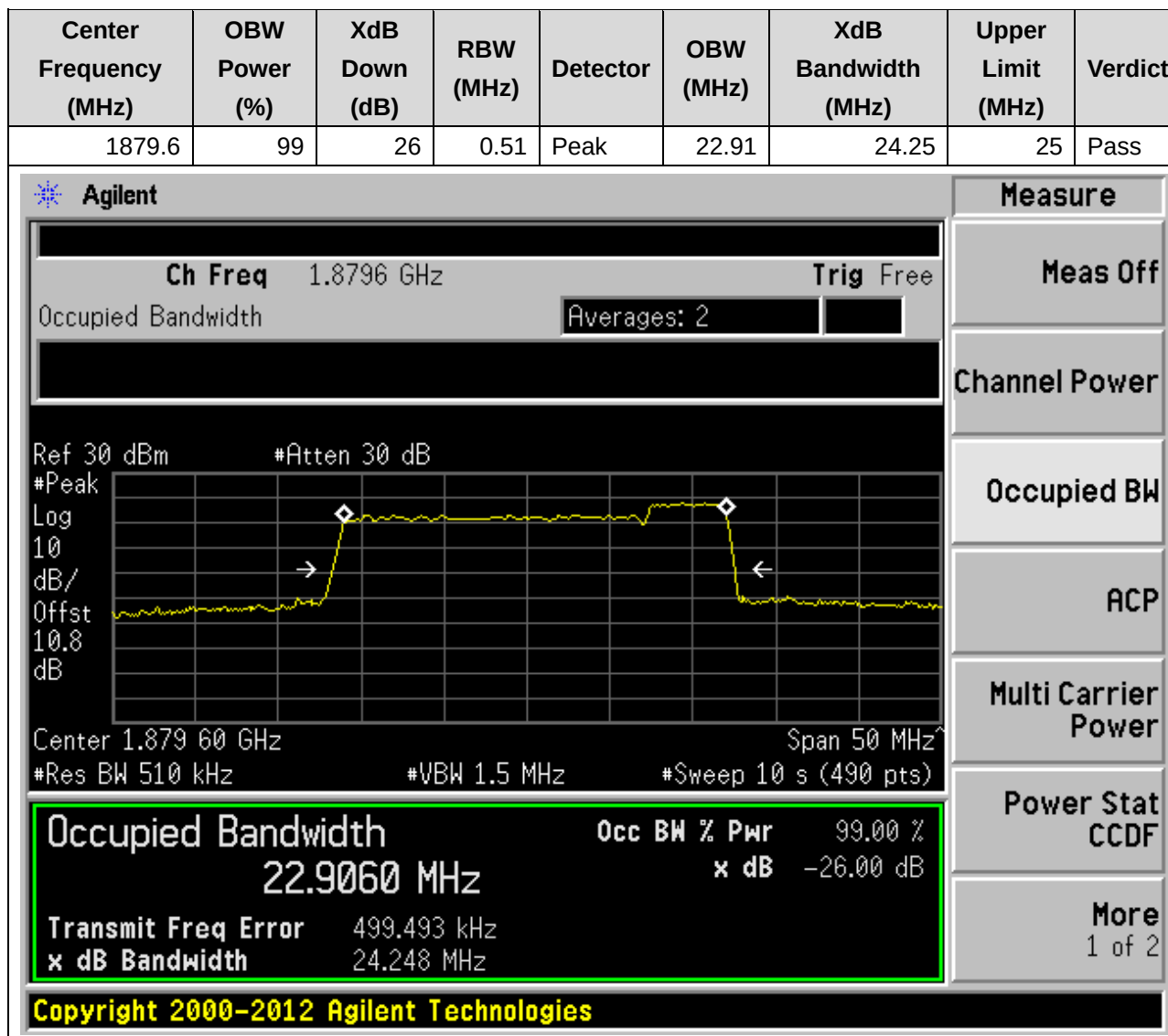
**3.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



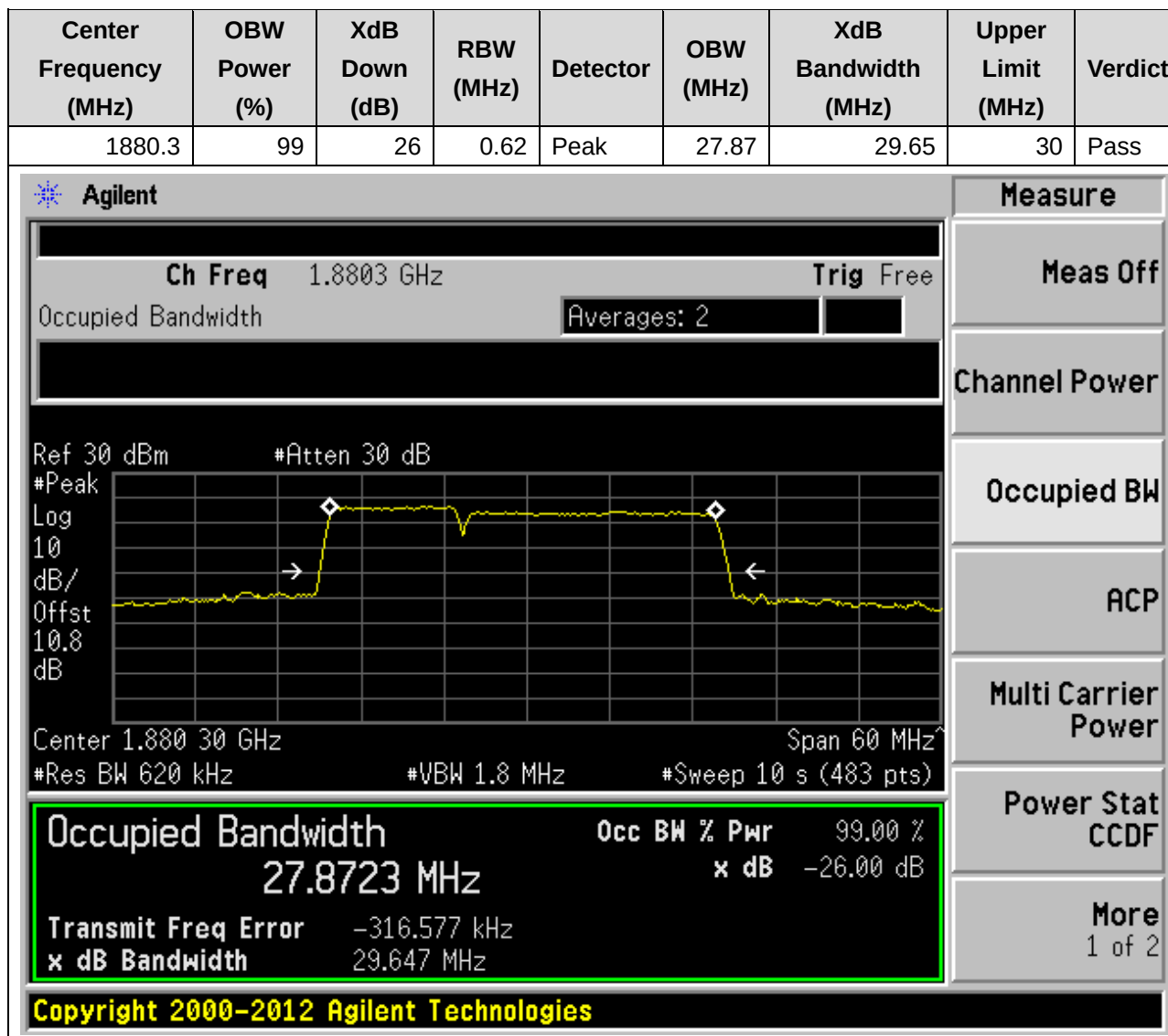
**3.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:18875|18992, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



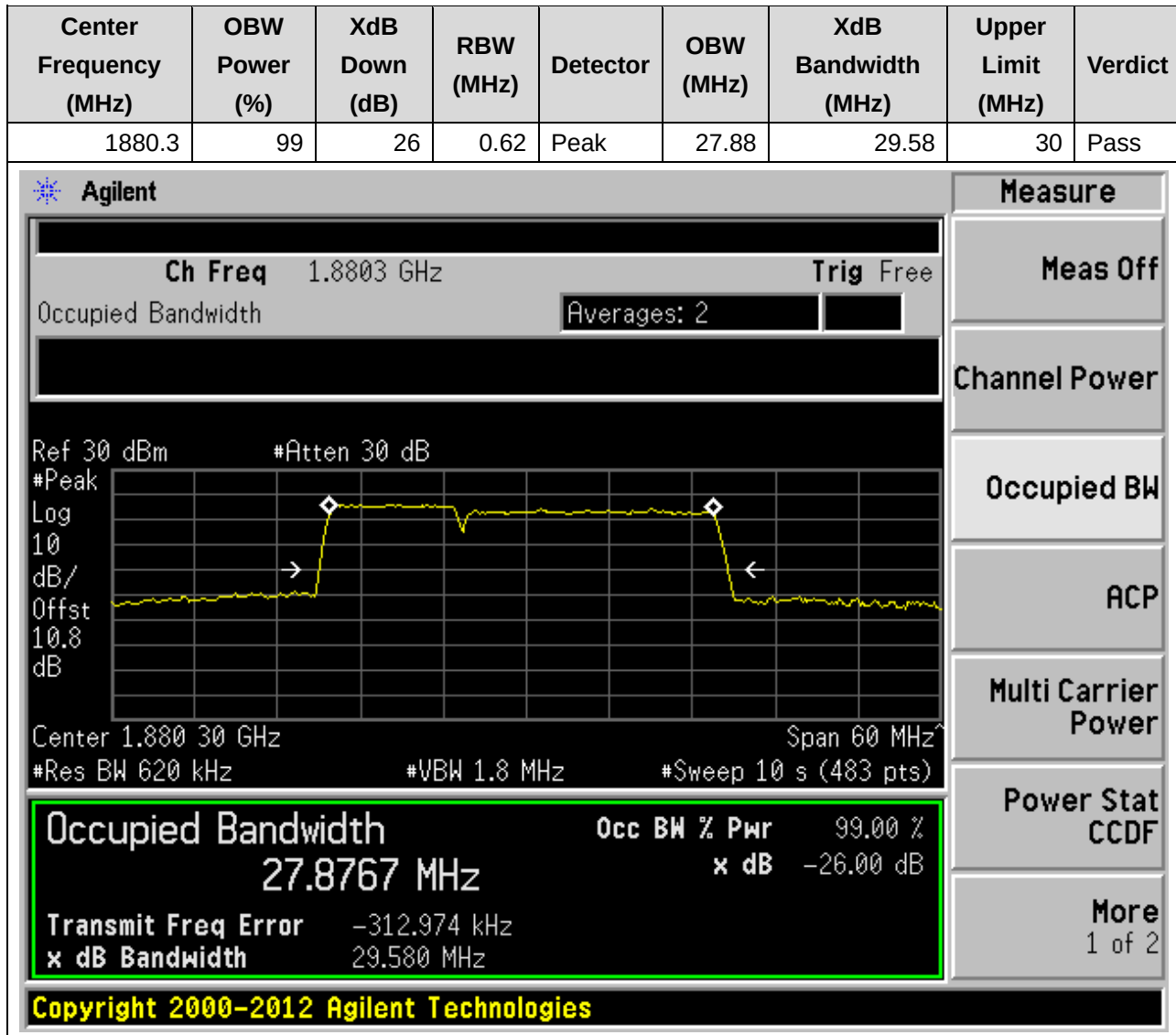
**3.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:18875|18992, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



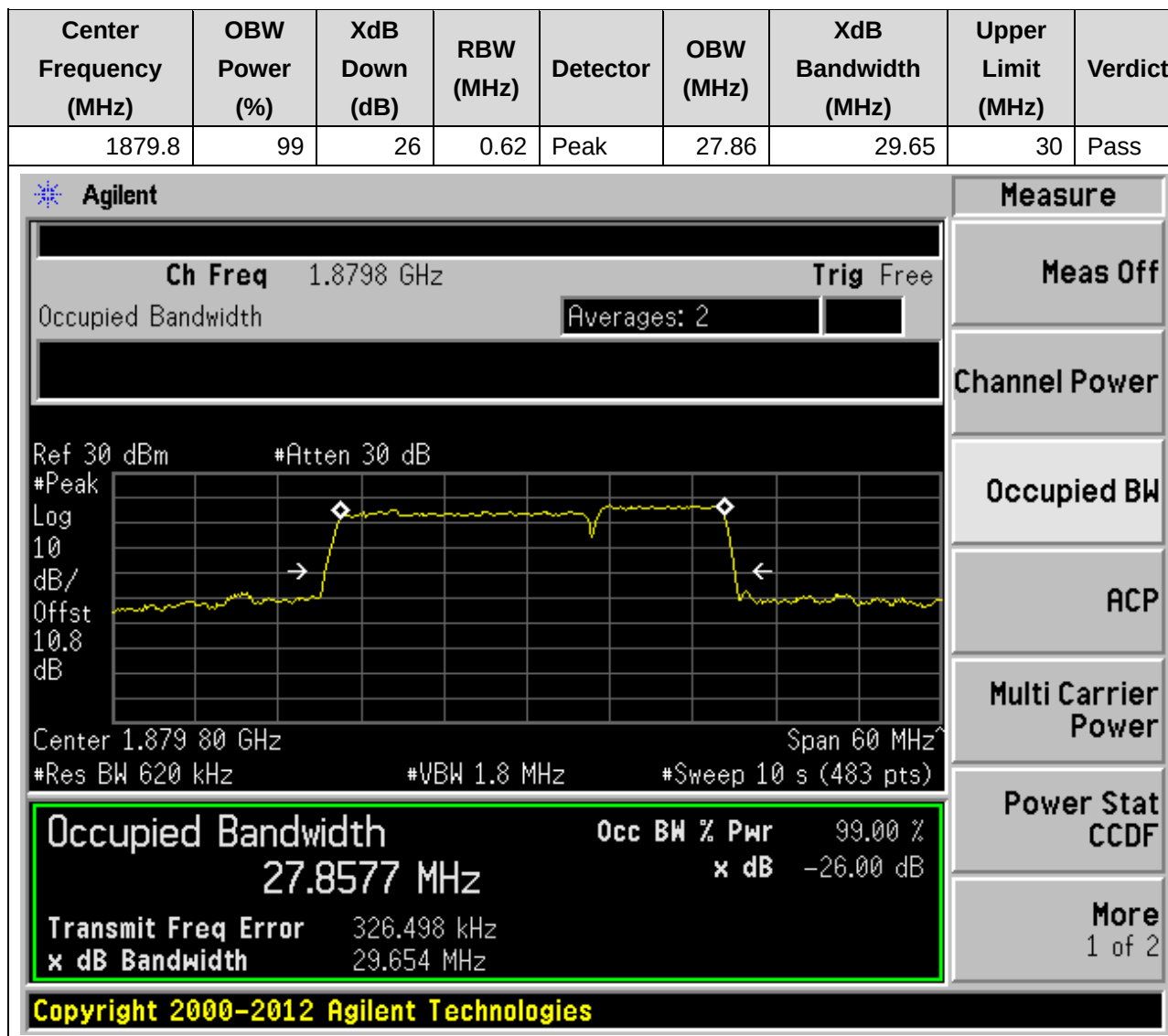
**3.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



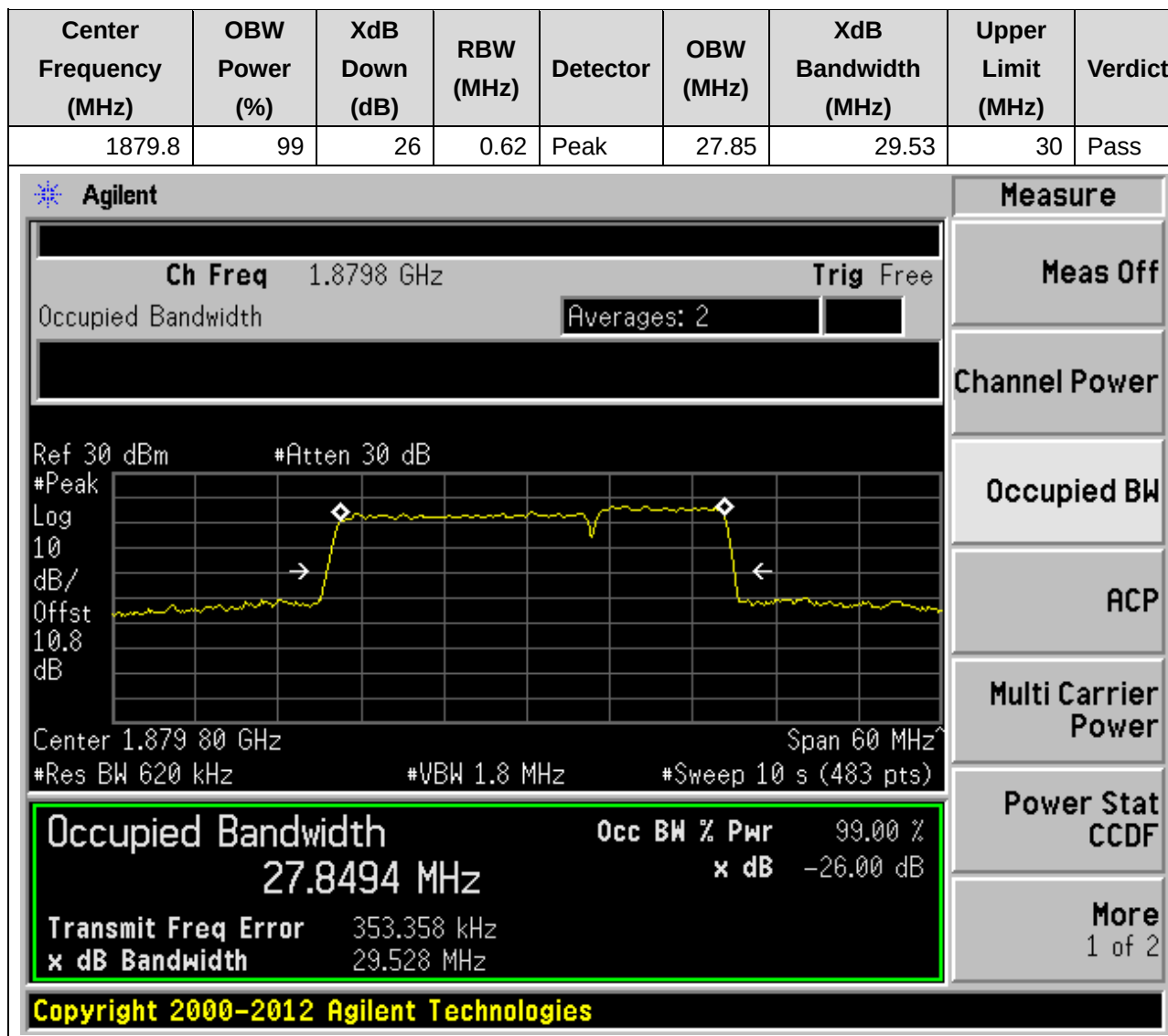
**3.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



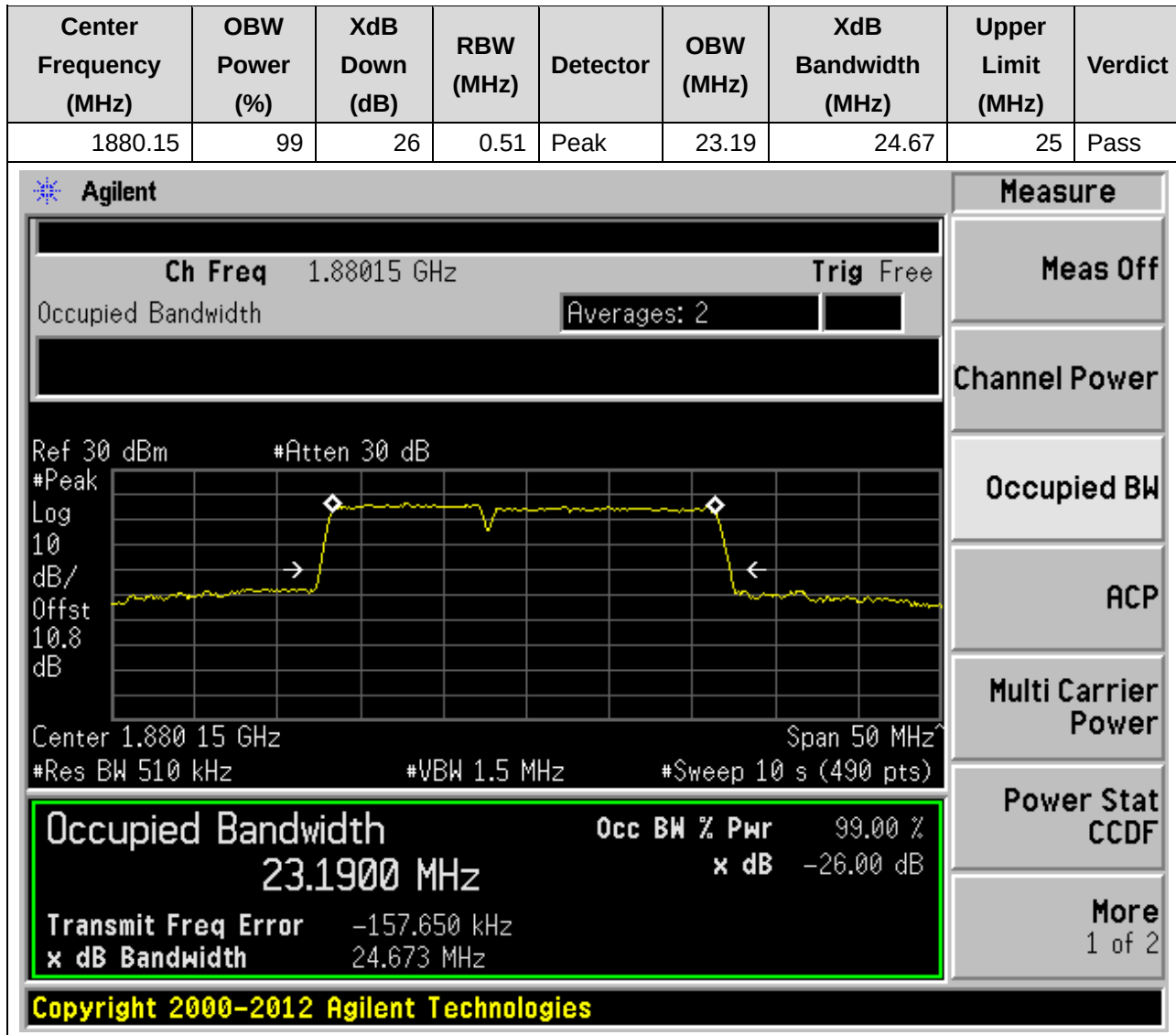
**3.7. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



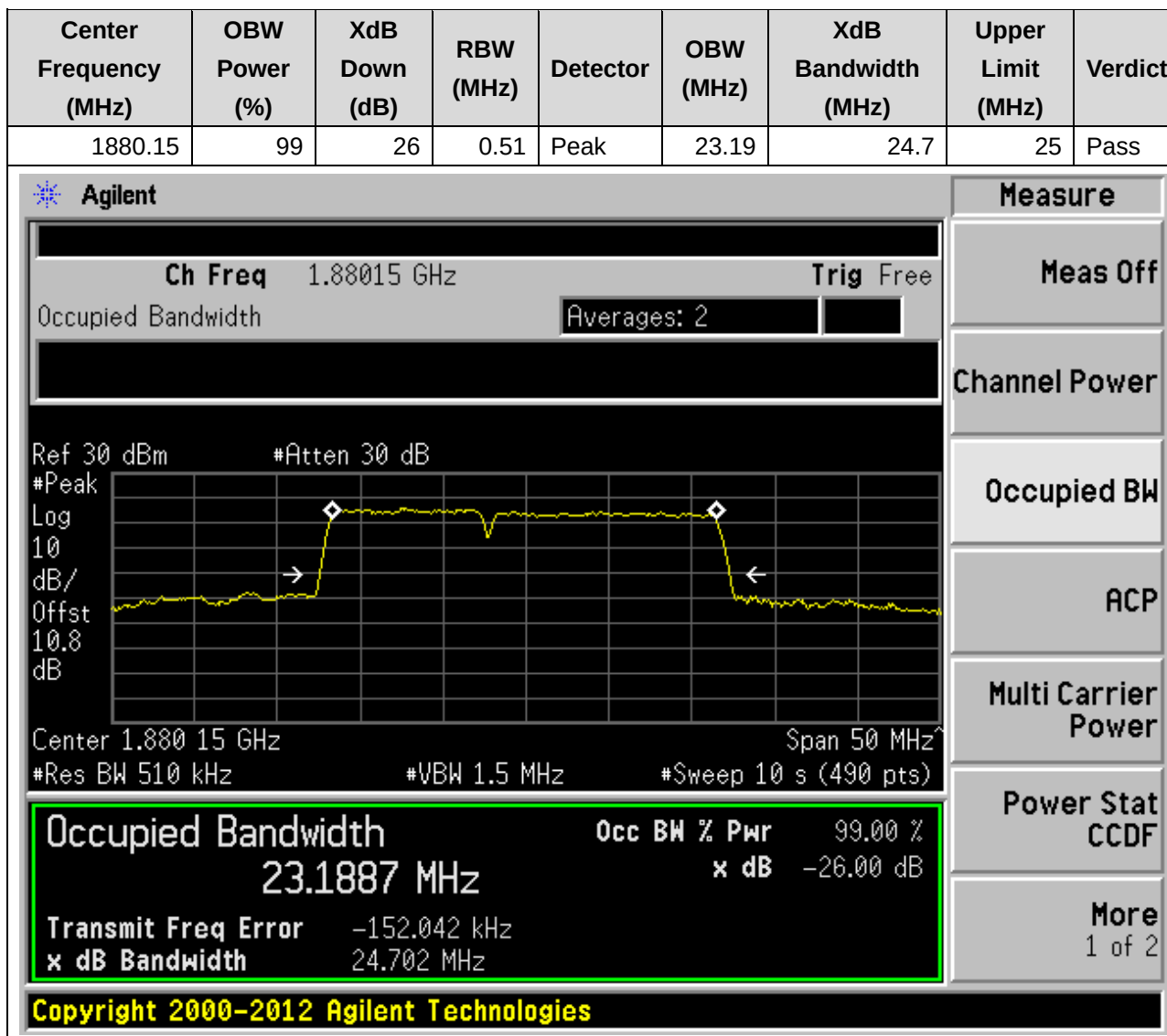
**3.8. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



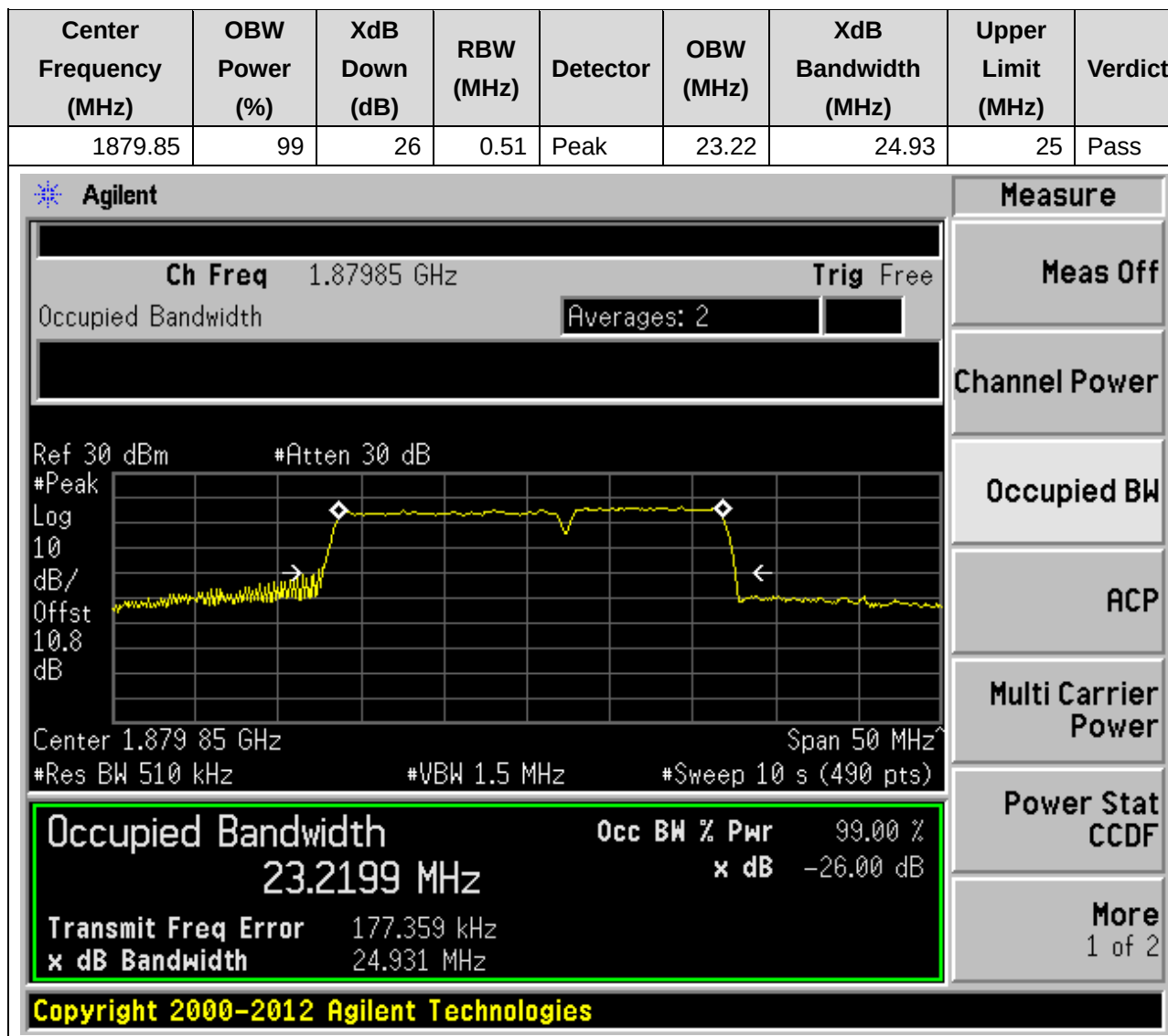
**3.9. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:18829|18949, Bandwidth:10|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



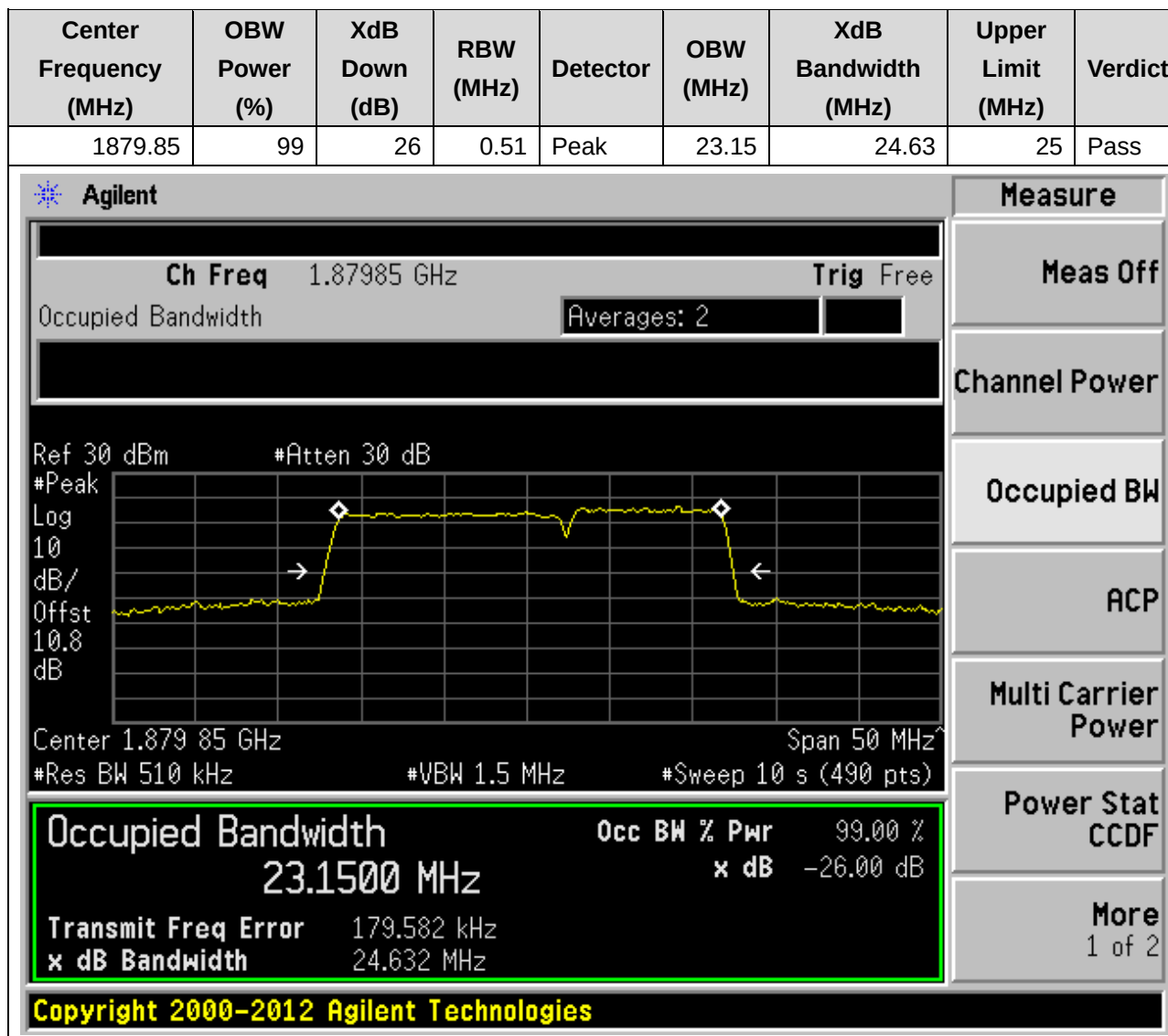
**3.10. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:18829|18949, Bandwidth:10|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



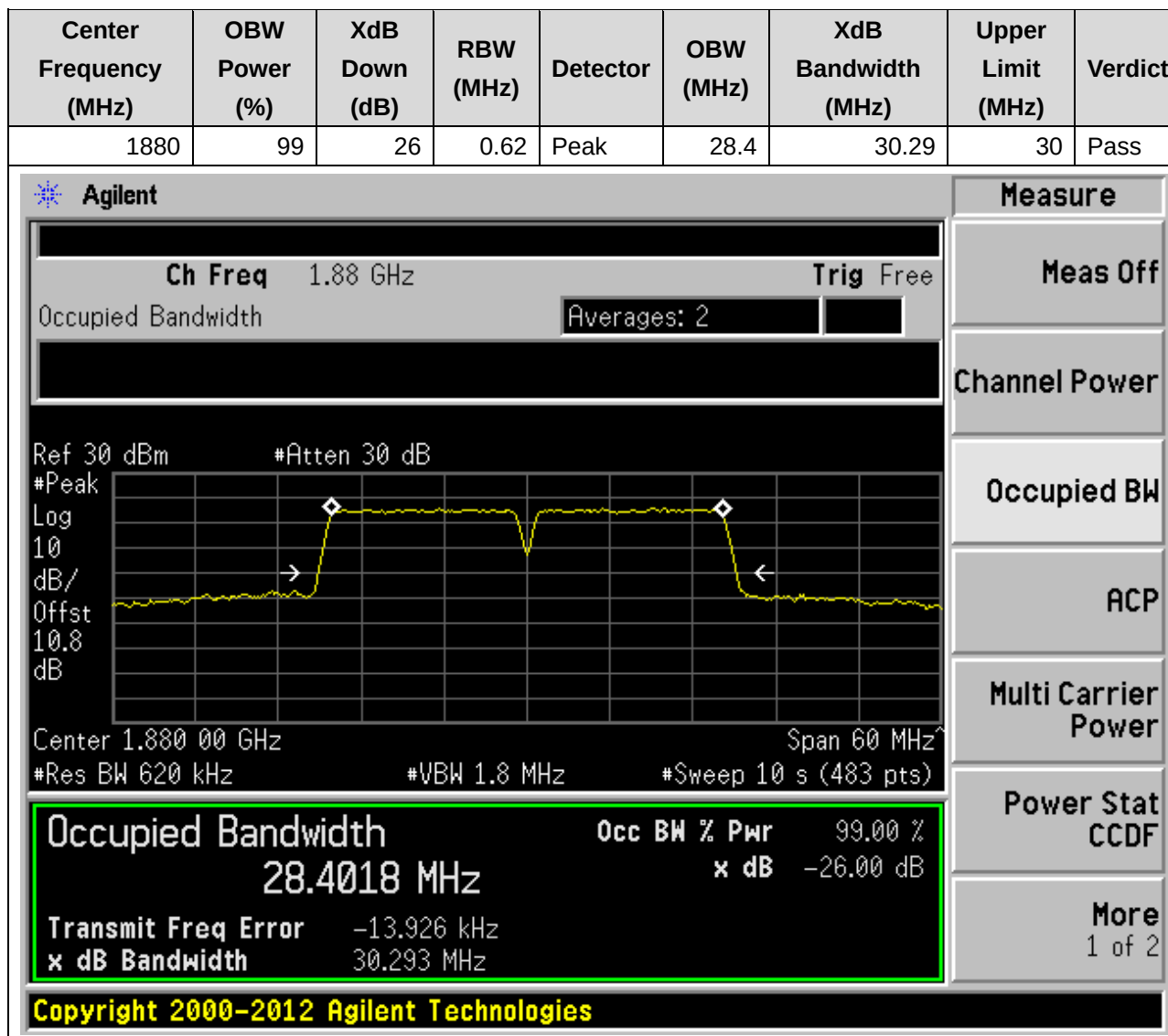
**3.11. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11,
Channel:18851|18971, Bandwidth:15|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



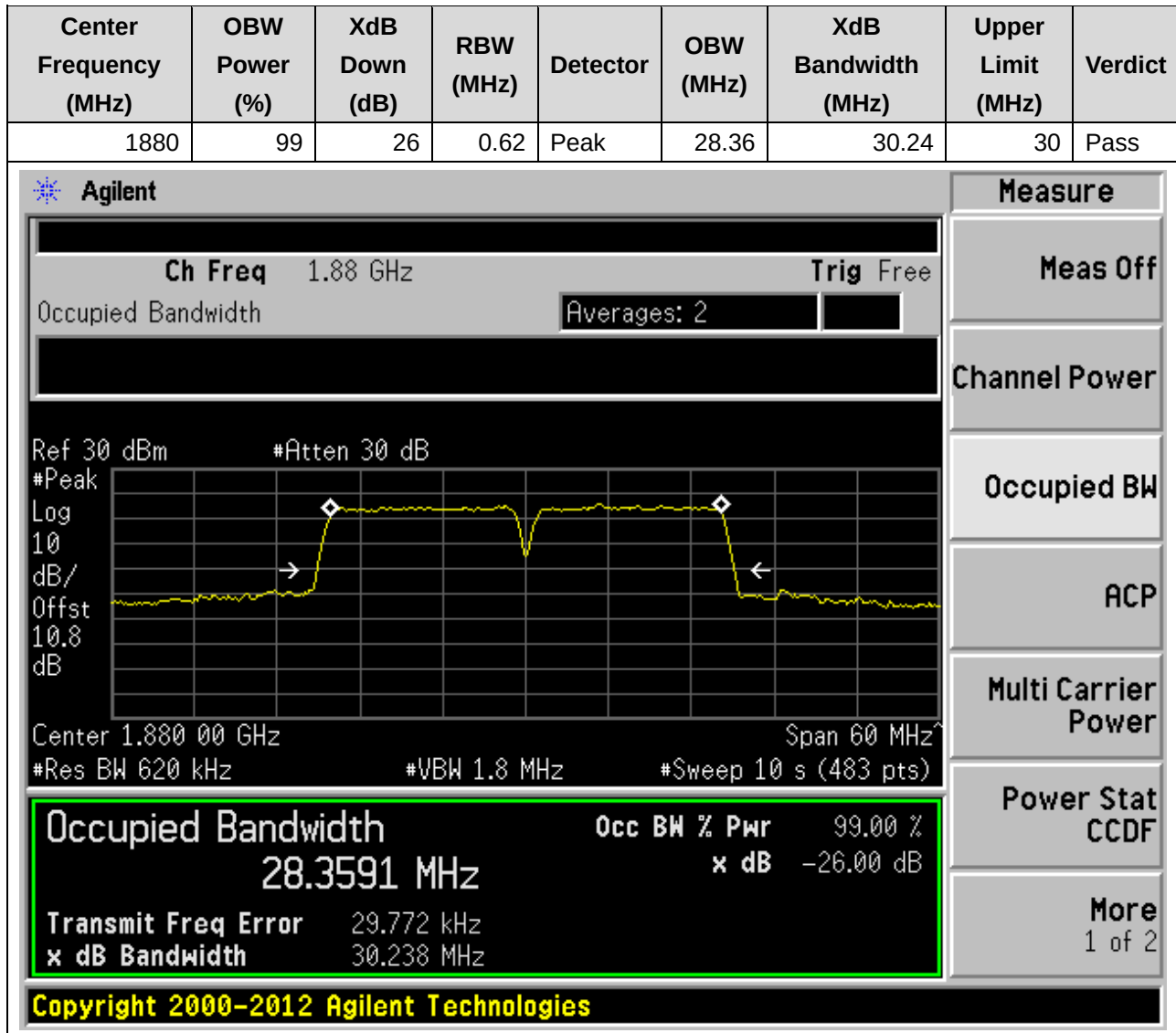
**3.12. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:18851|18971, Bandwidth:15|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



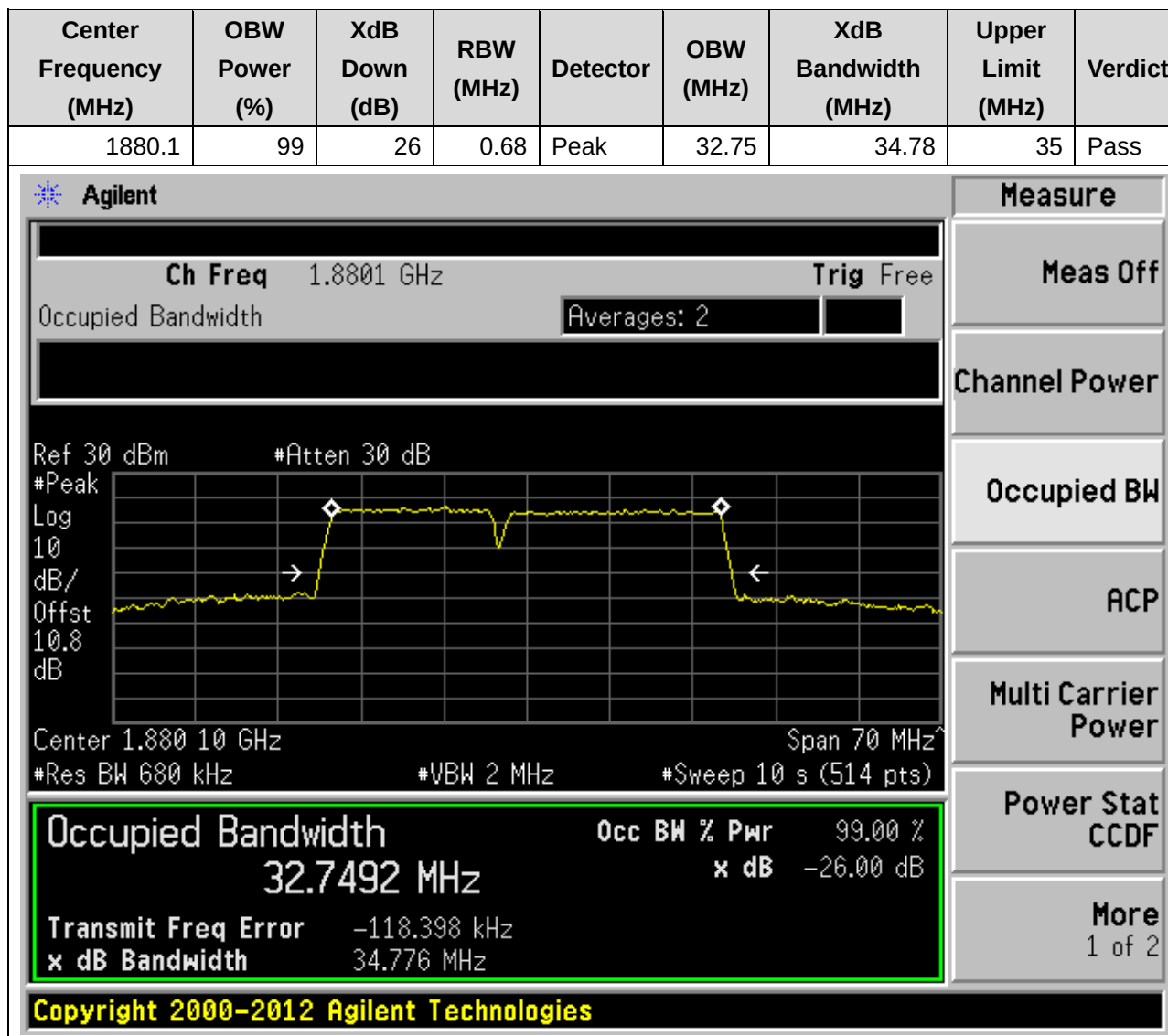
**3.13. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13,
Channel:18825|18975, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



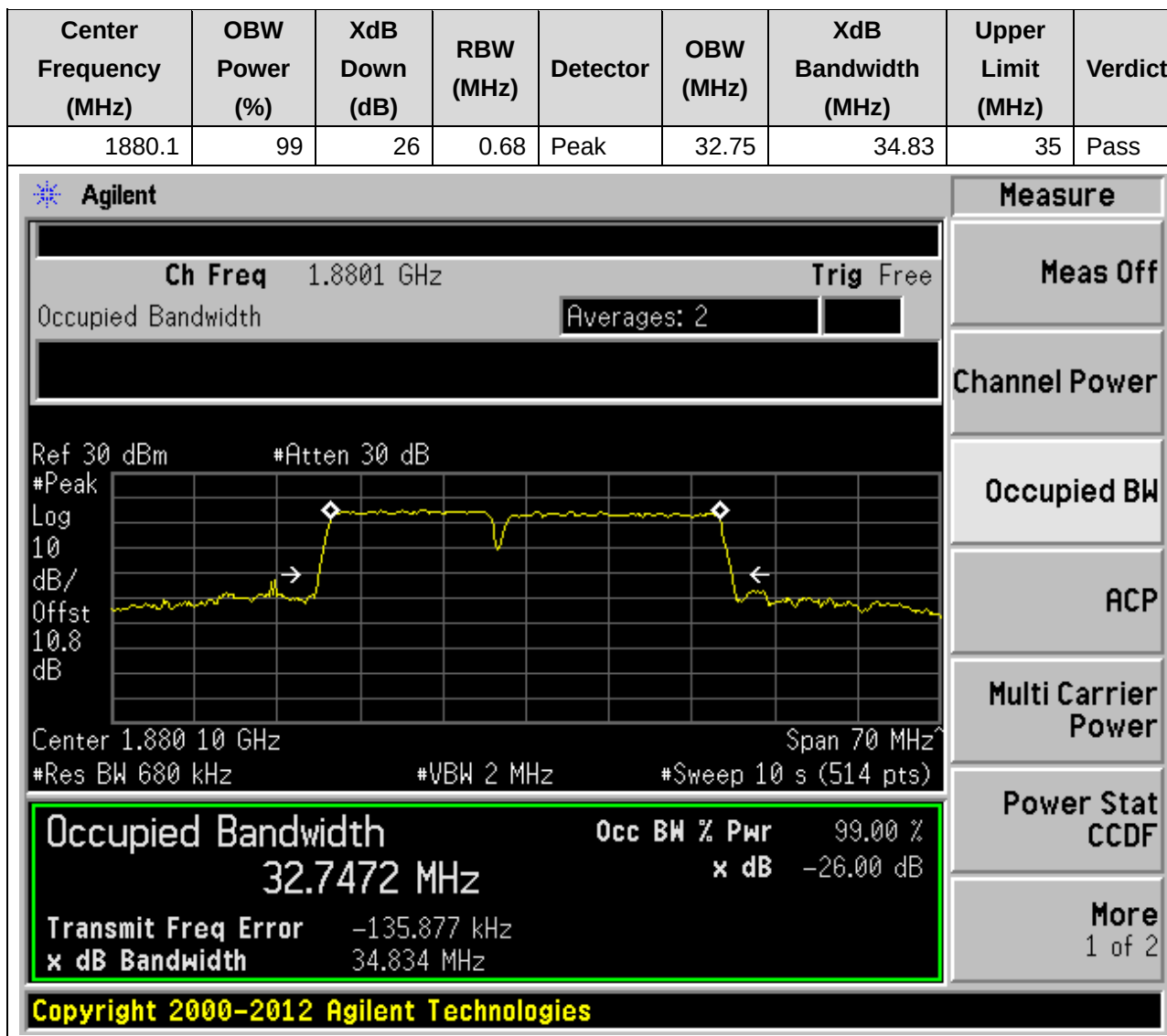
**3.14. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14,
Channel:18825|18975, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



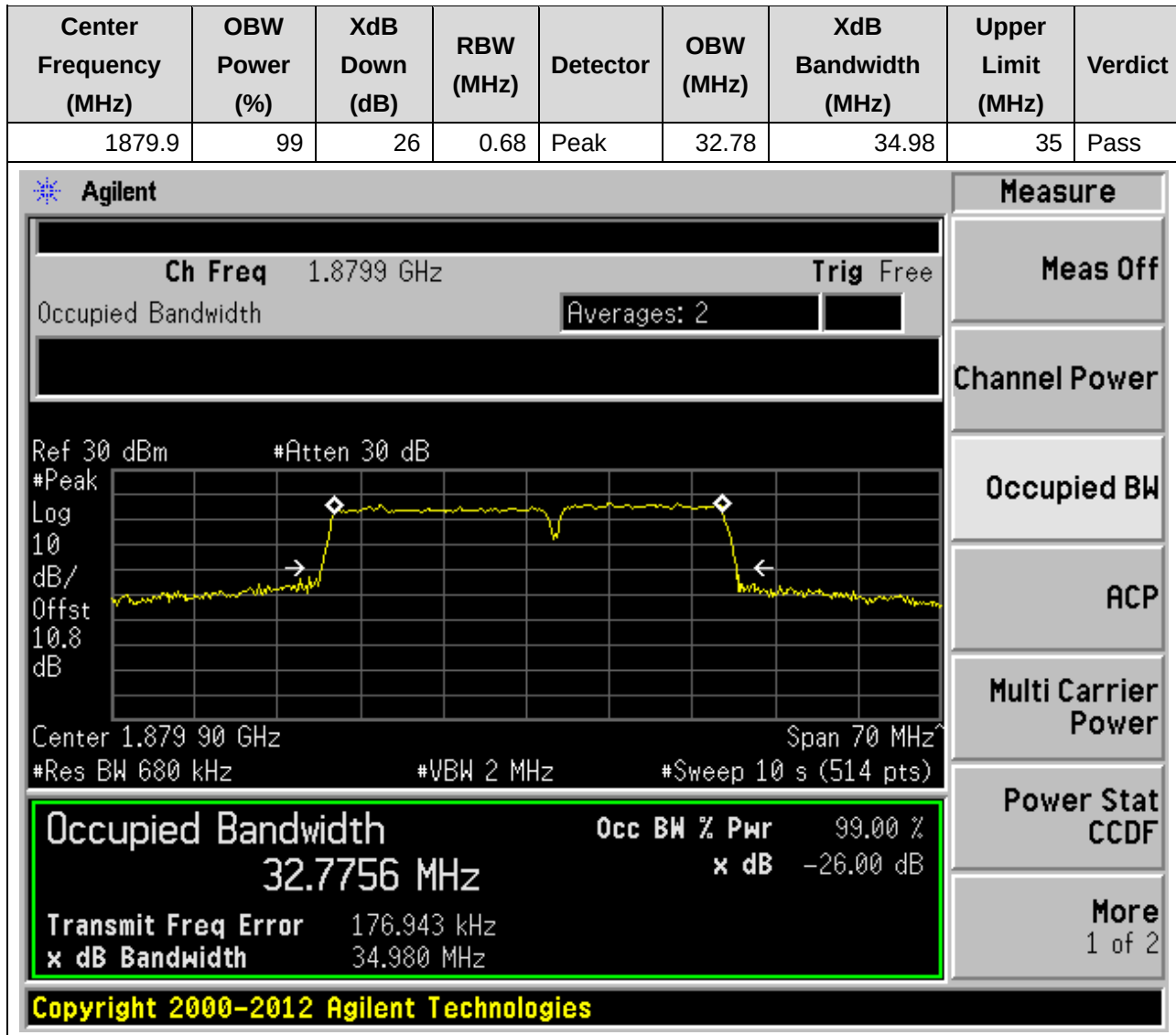
**3.15. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15,
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



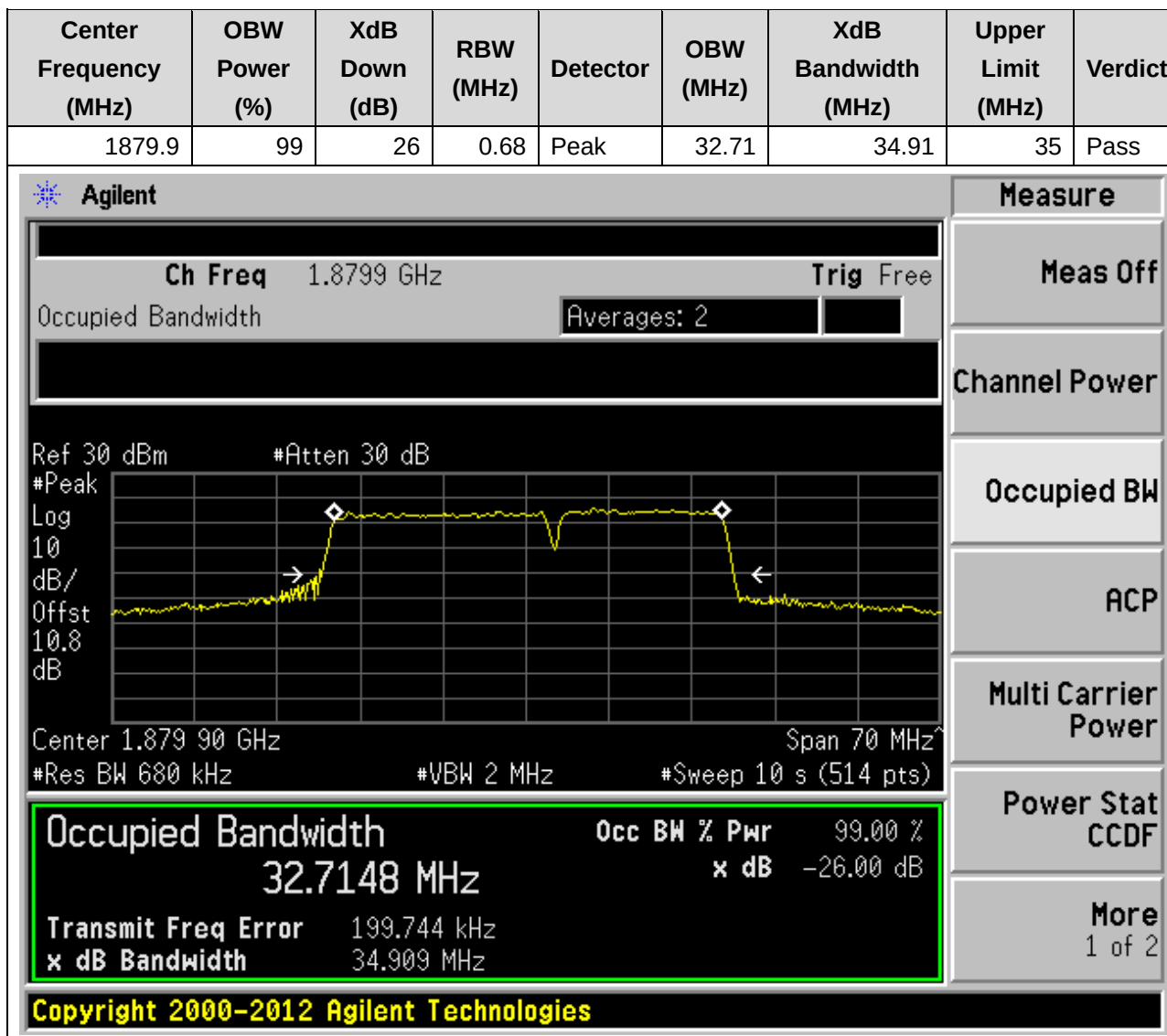
**3.16. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16,
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



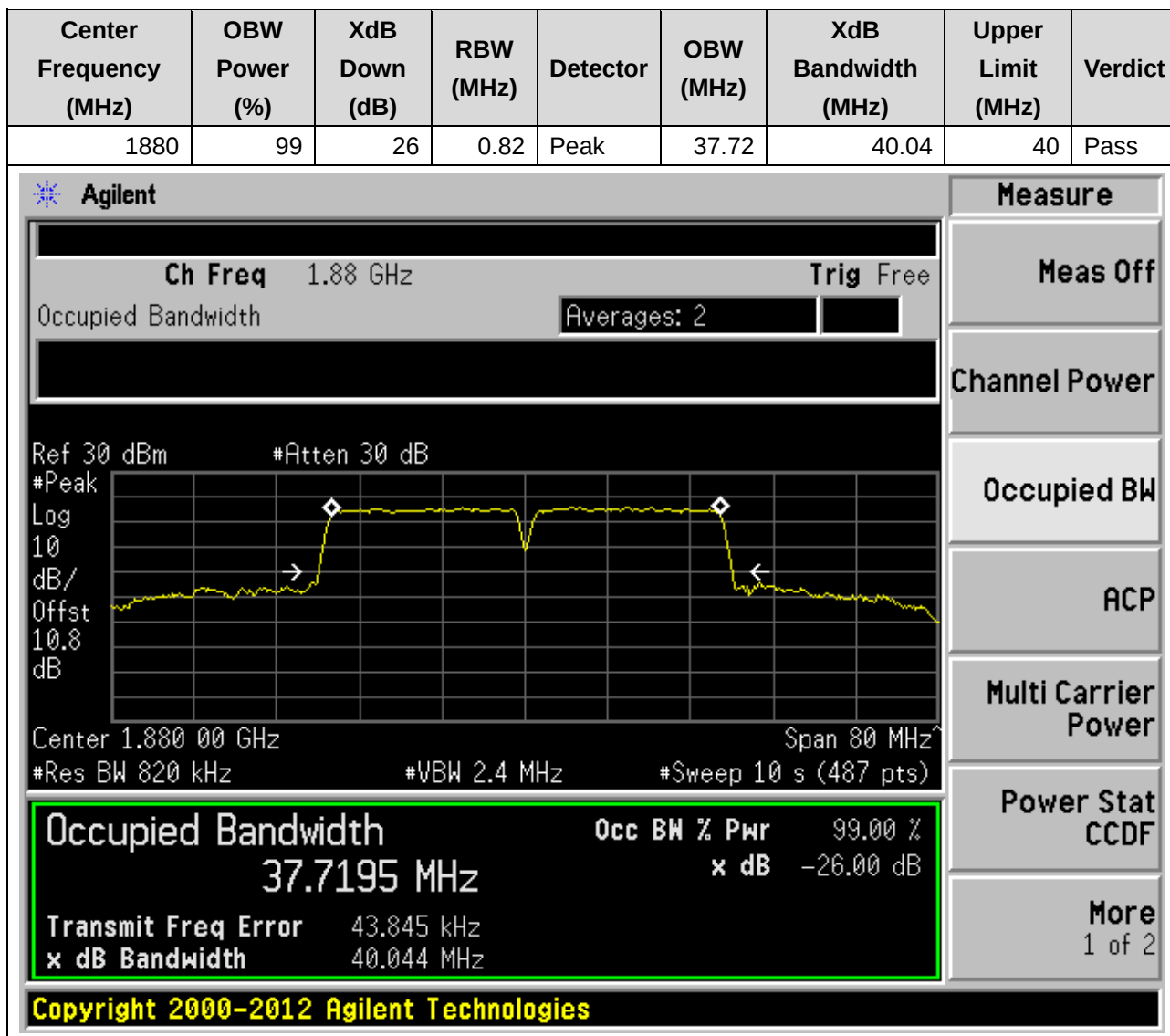
**3.17. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:17,
Channel:18826|18997, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



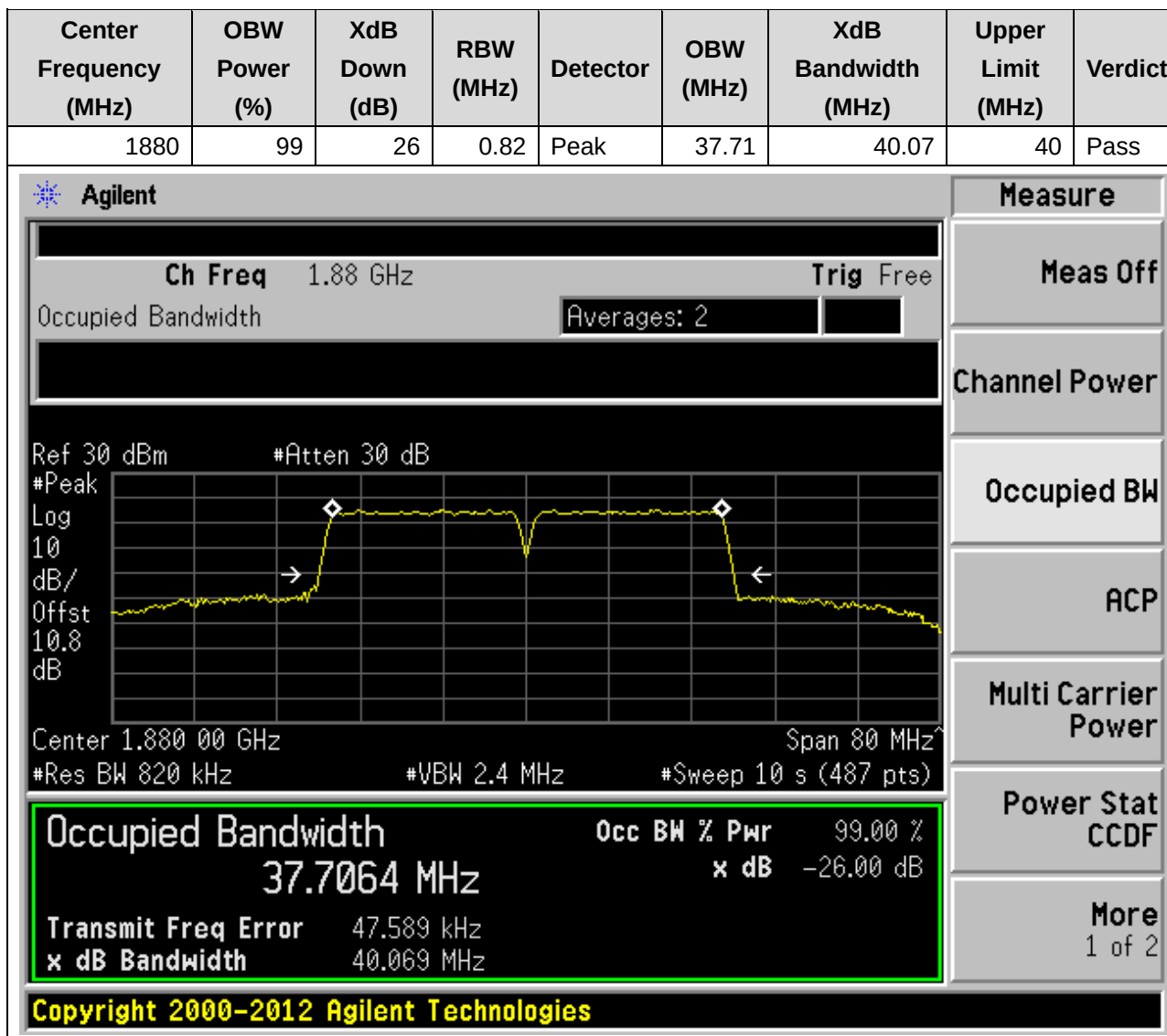
**3.18. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:18,
Channel:18826|18997, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**3.19. 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)**

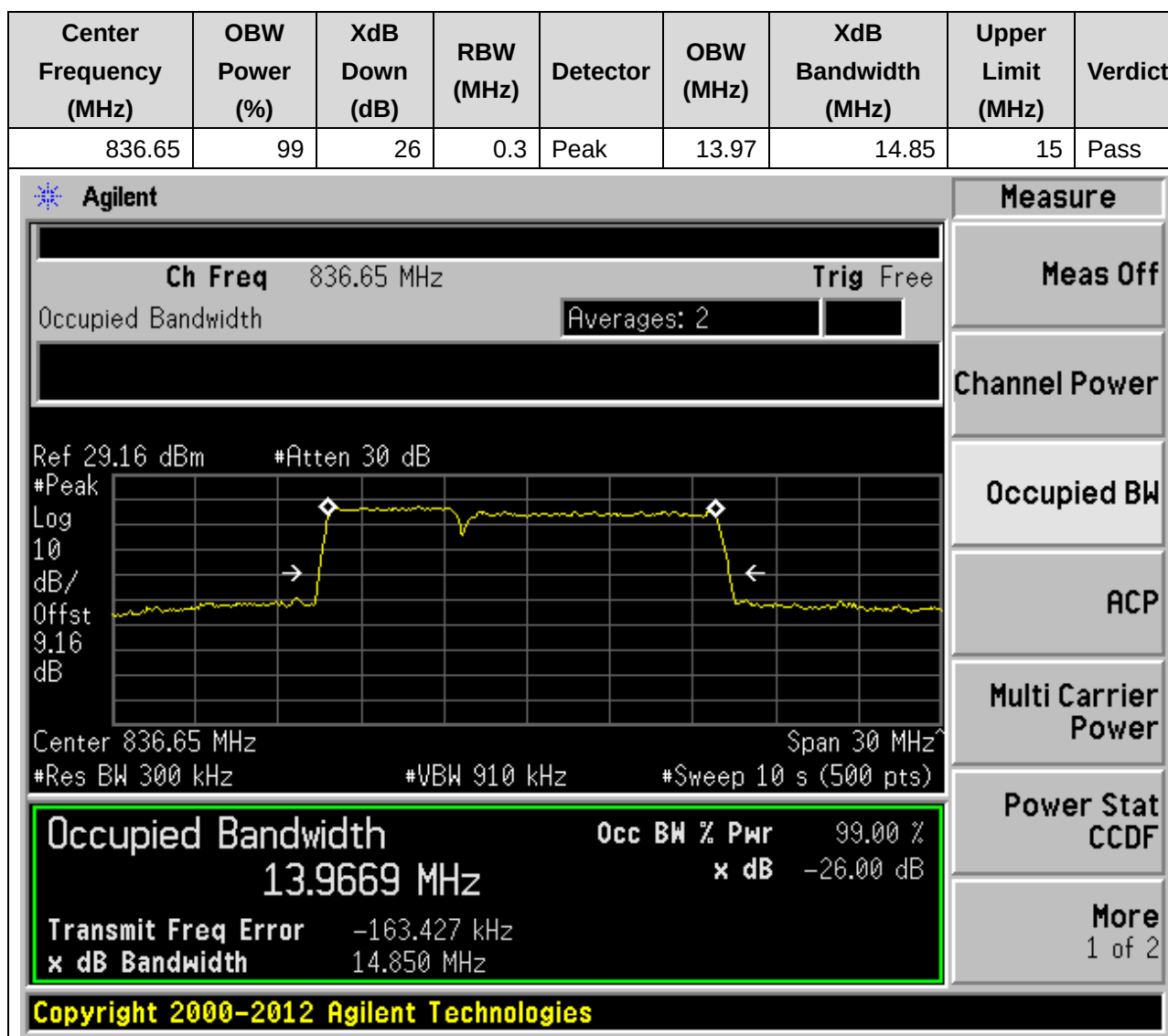


**3.20. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:20,
Channel:18801|18999, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

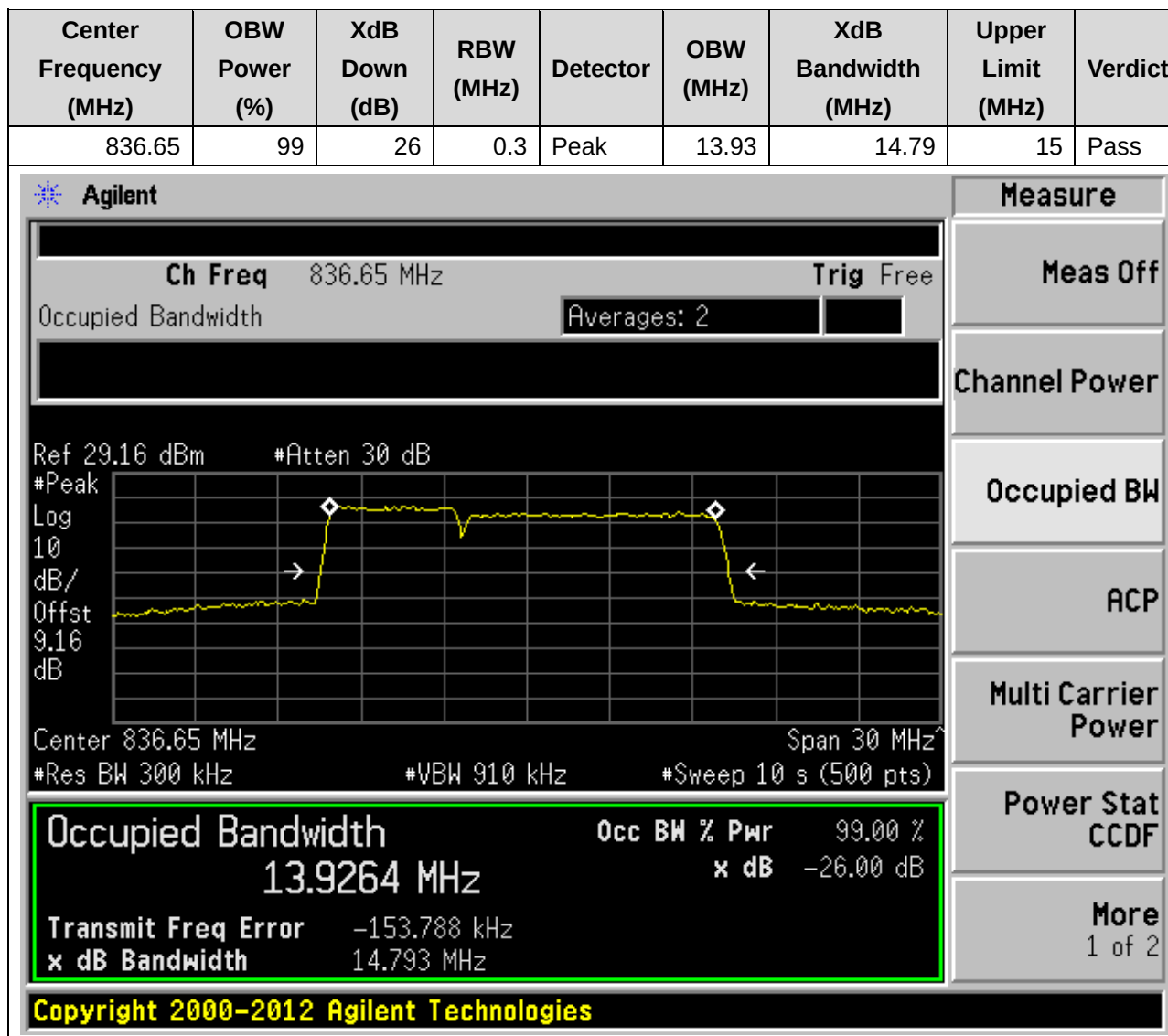


4. CA_5B

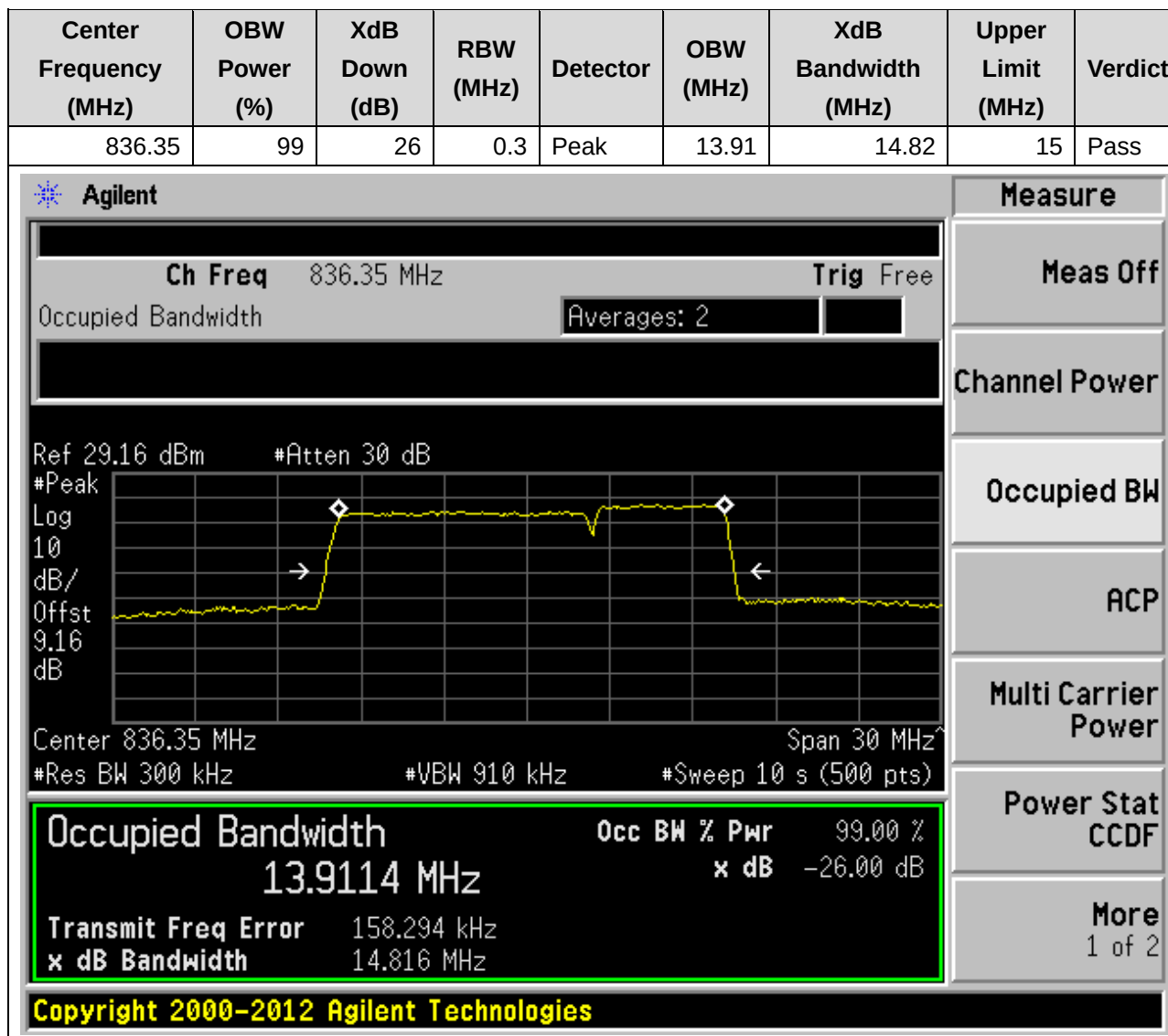
4.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



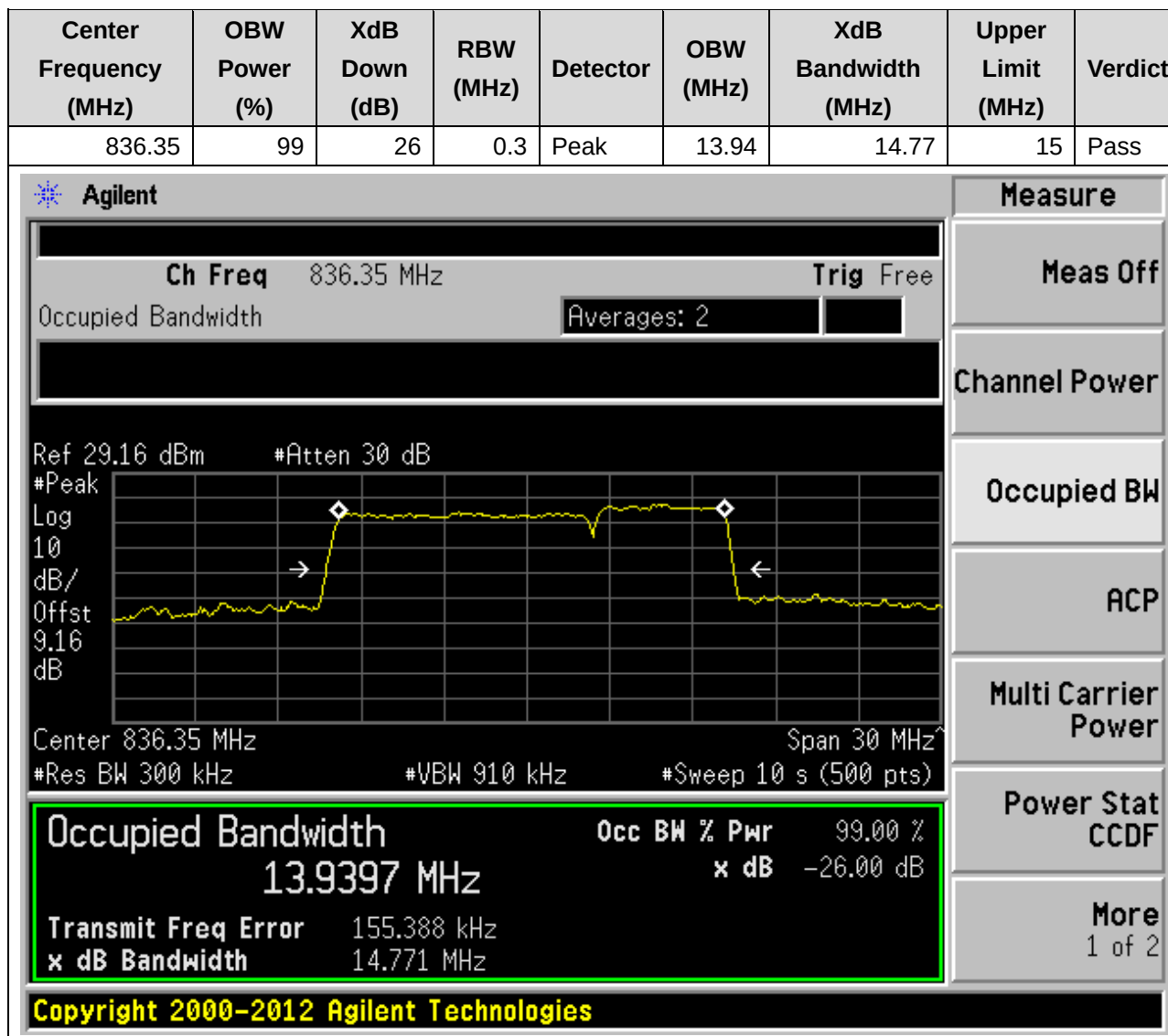
**4.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



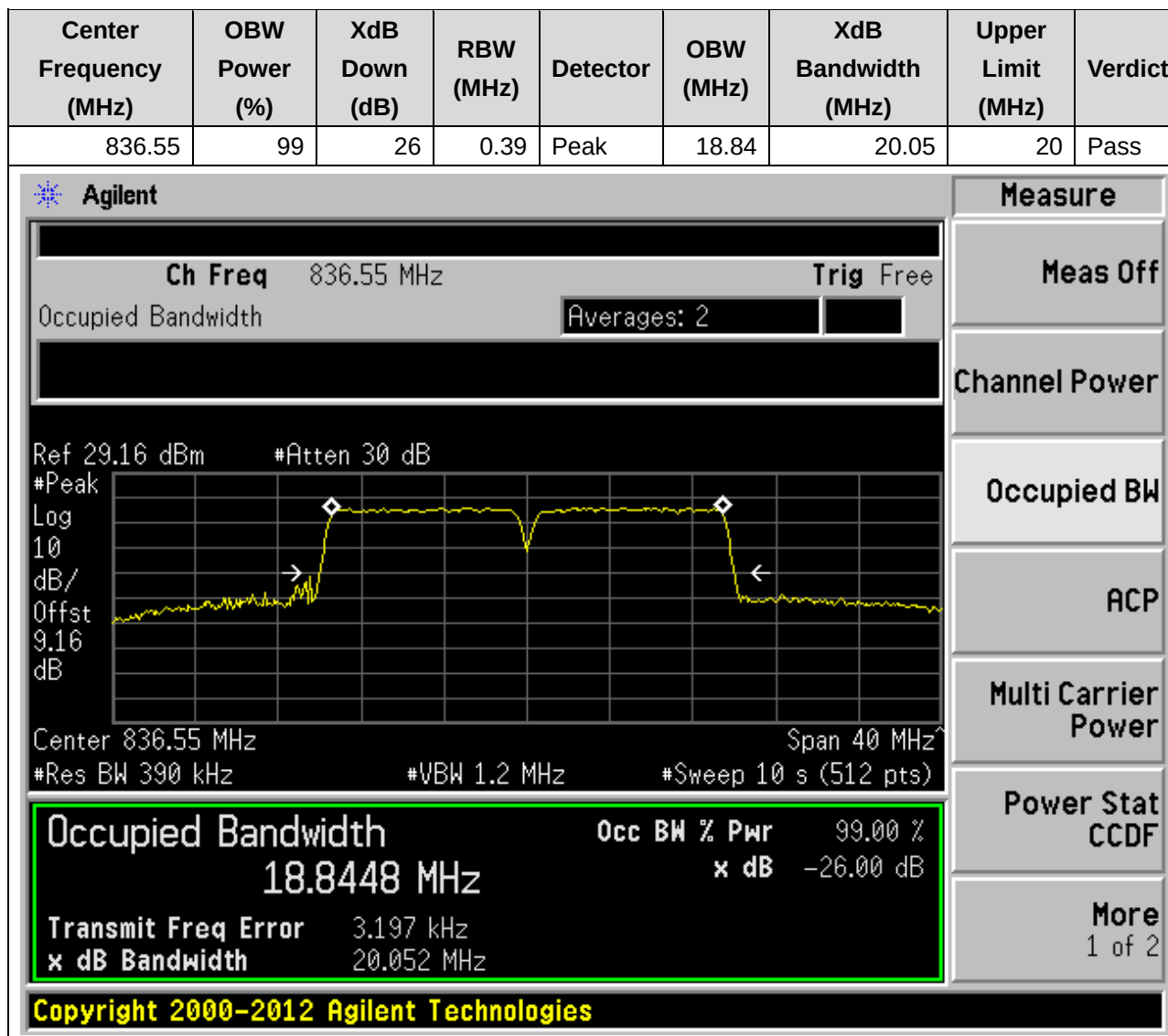
**4.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



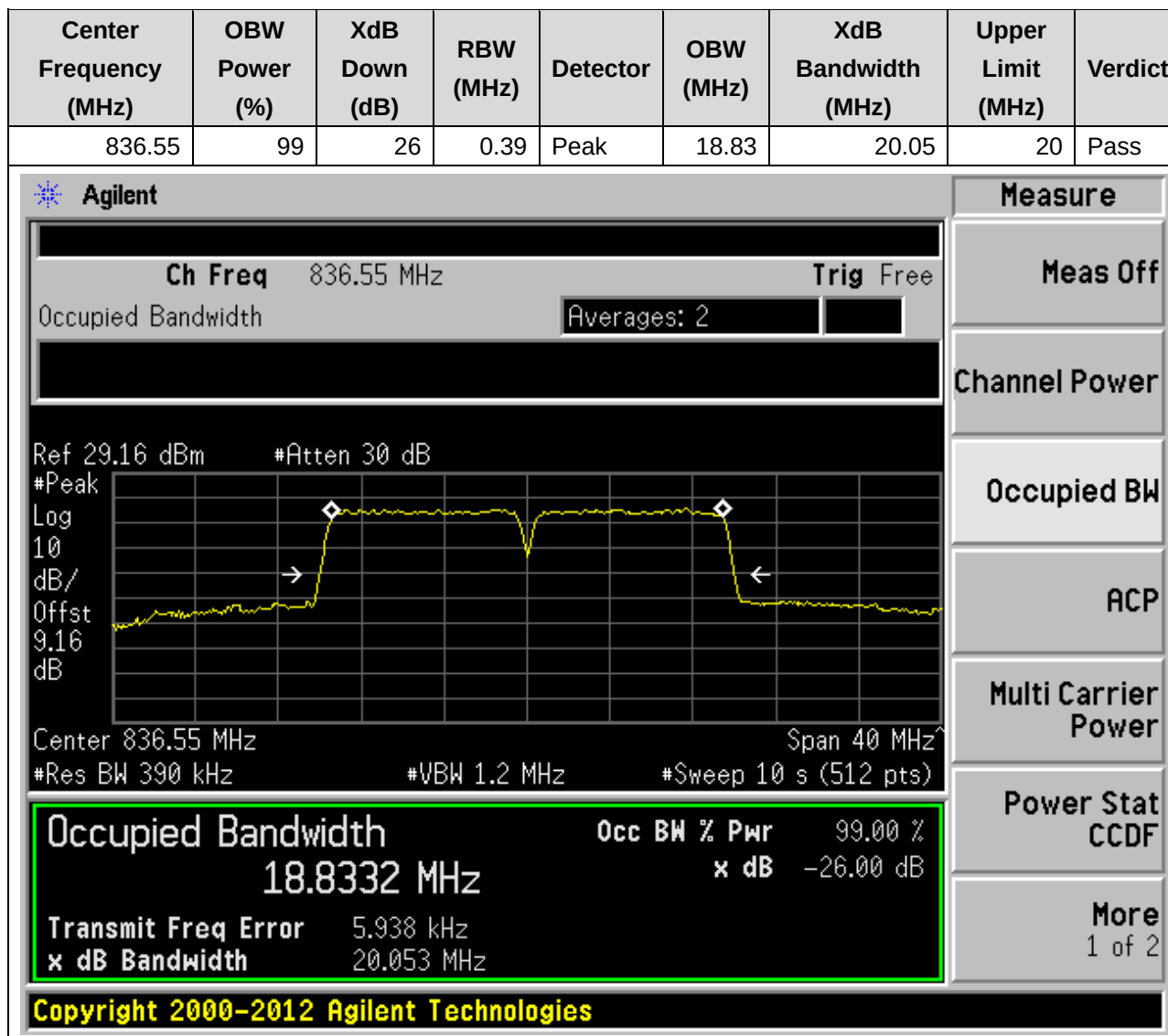
**4.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**4.5. 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)**

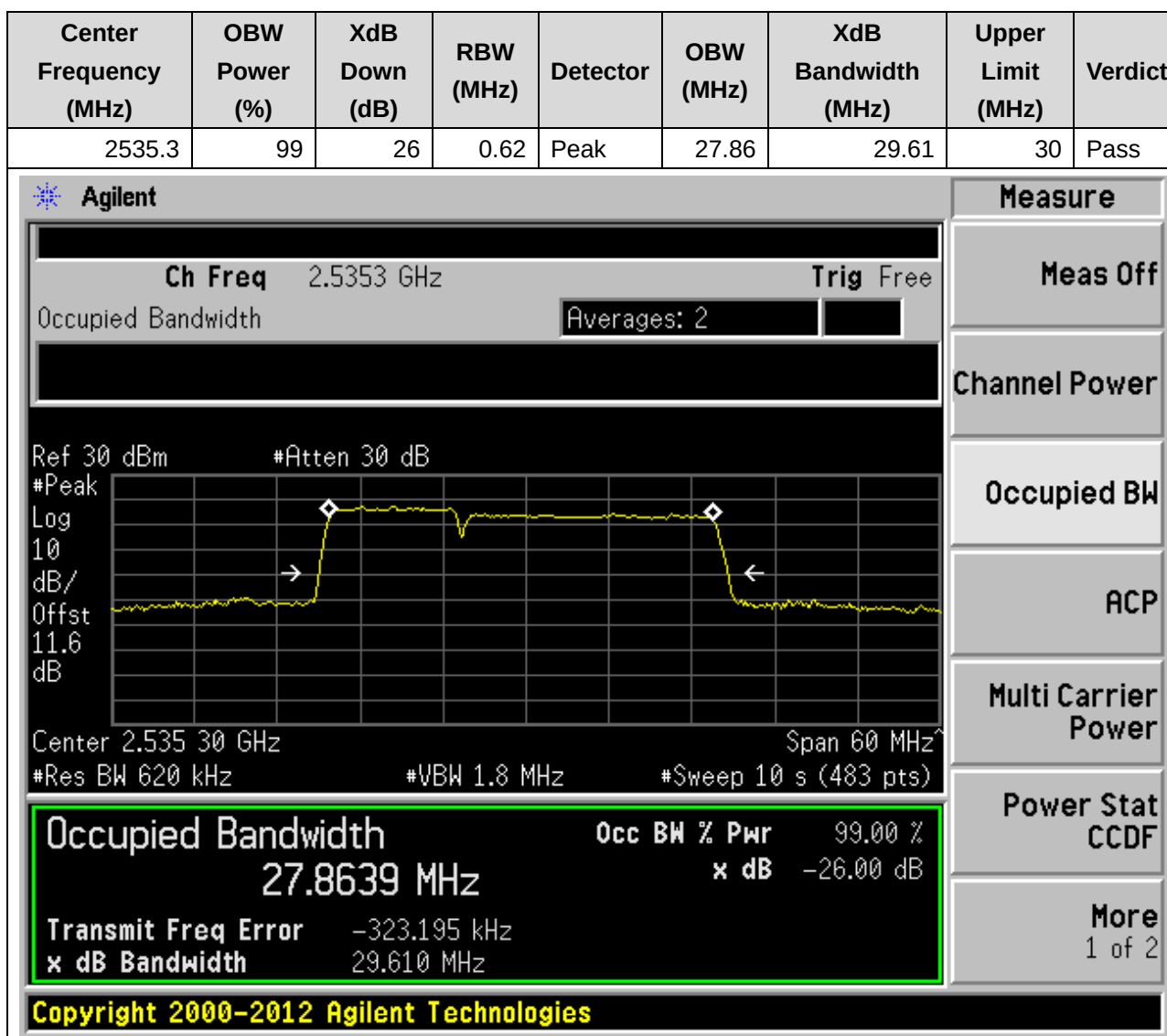


**4.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

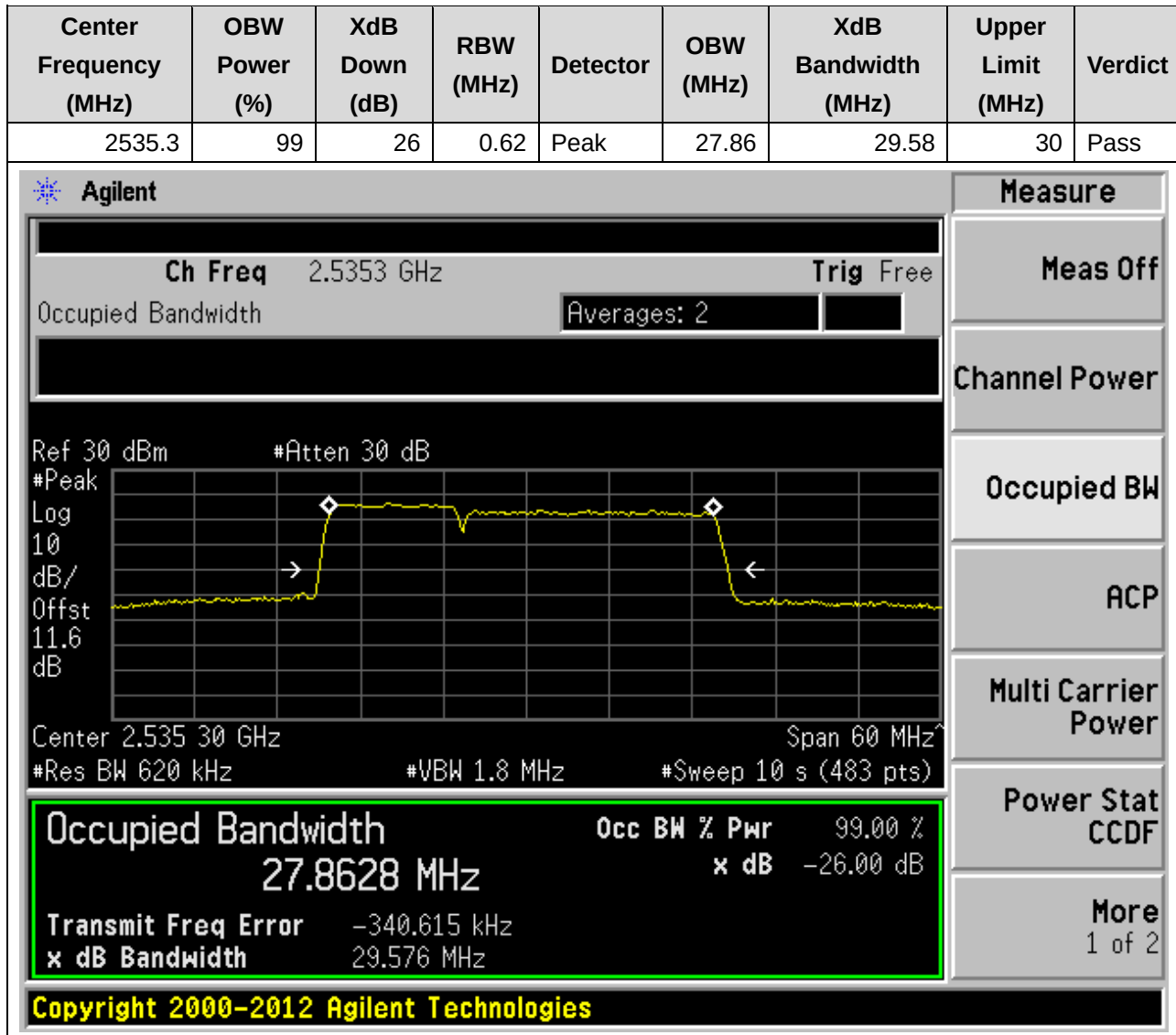


5. CA_7C

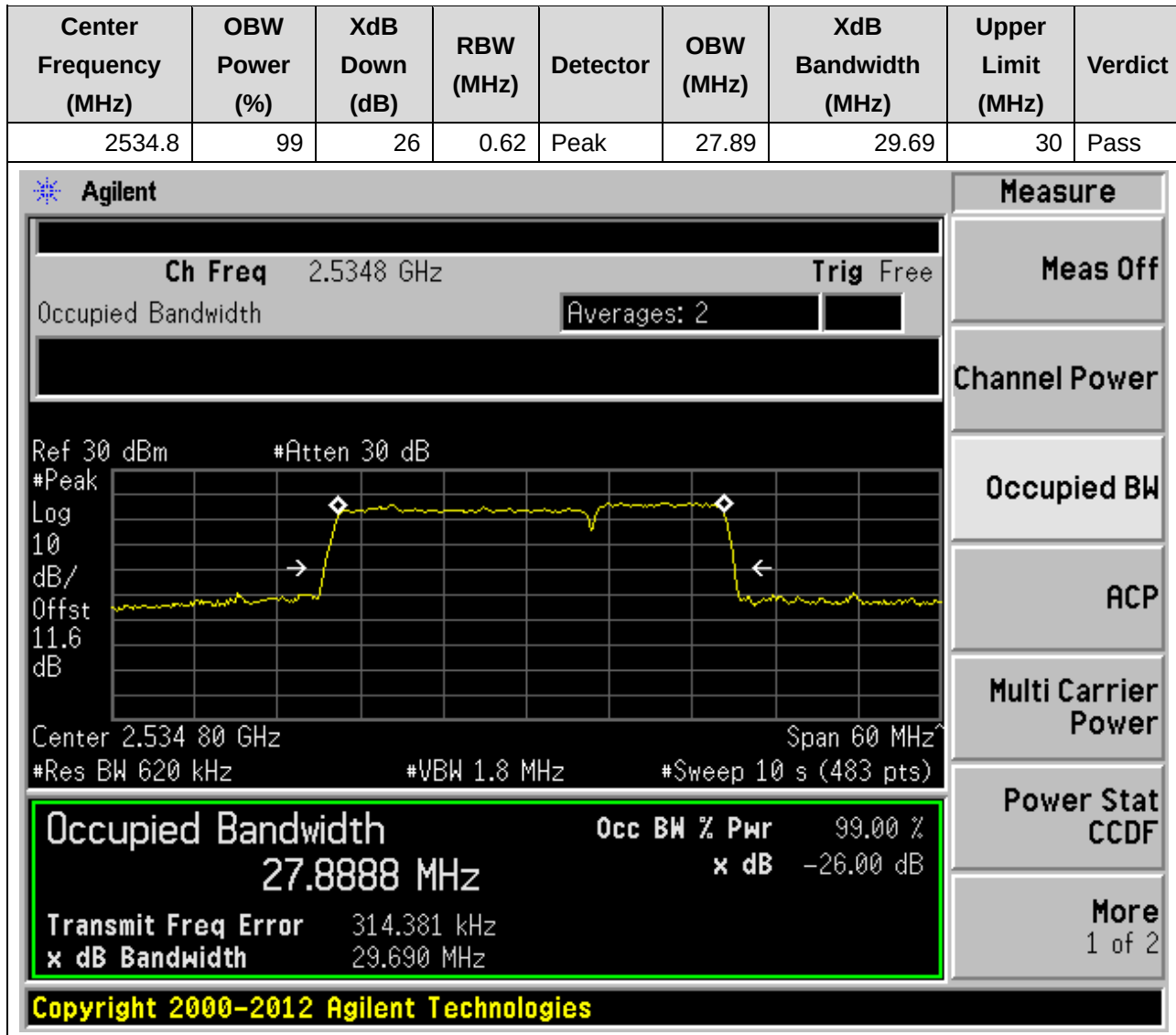
5.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



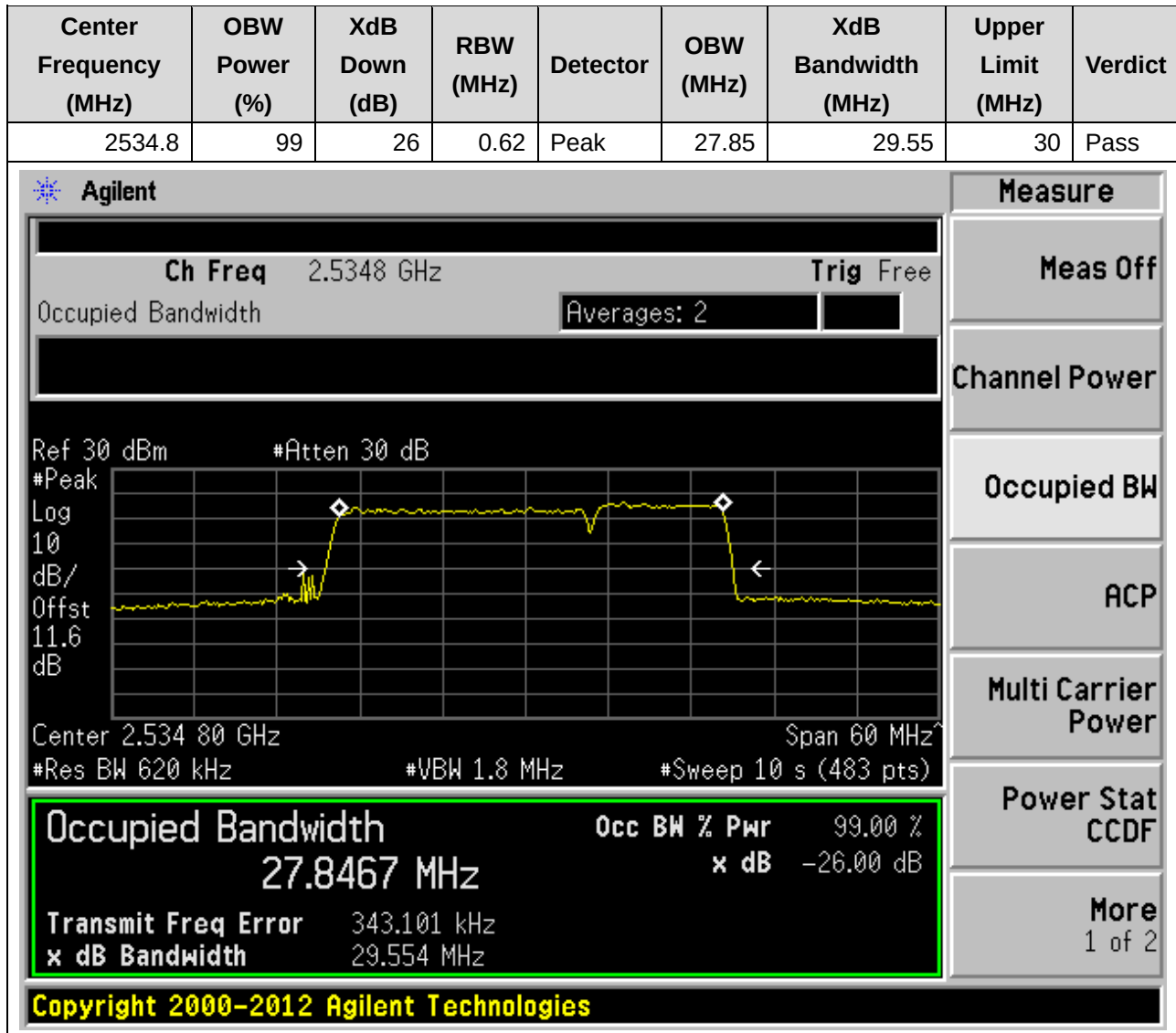
**5.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



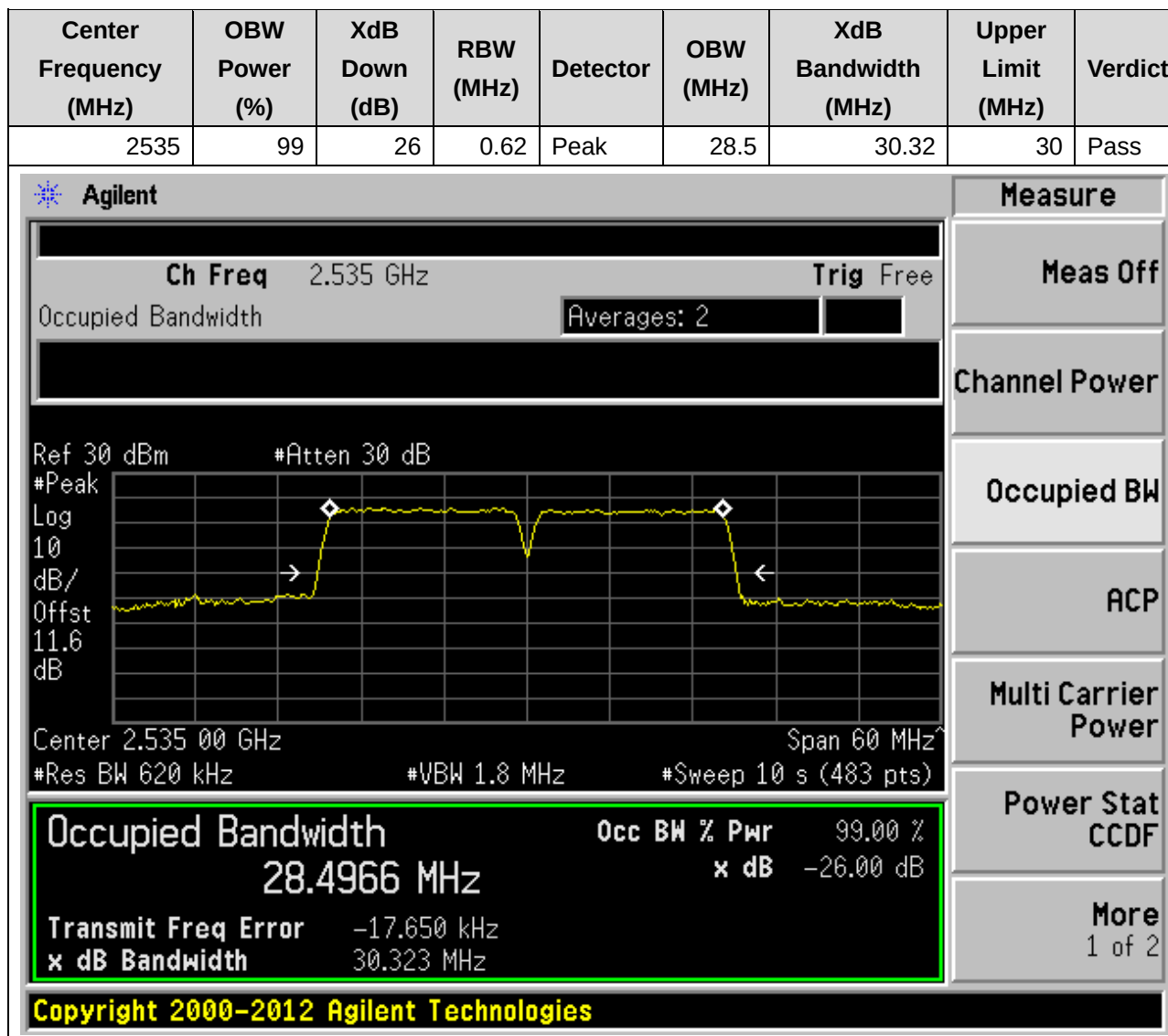
**5.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



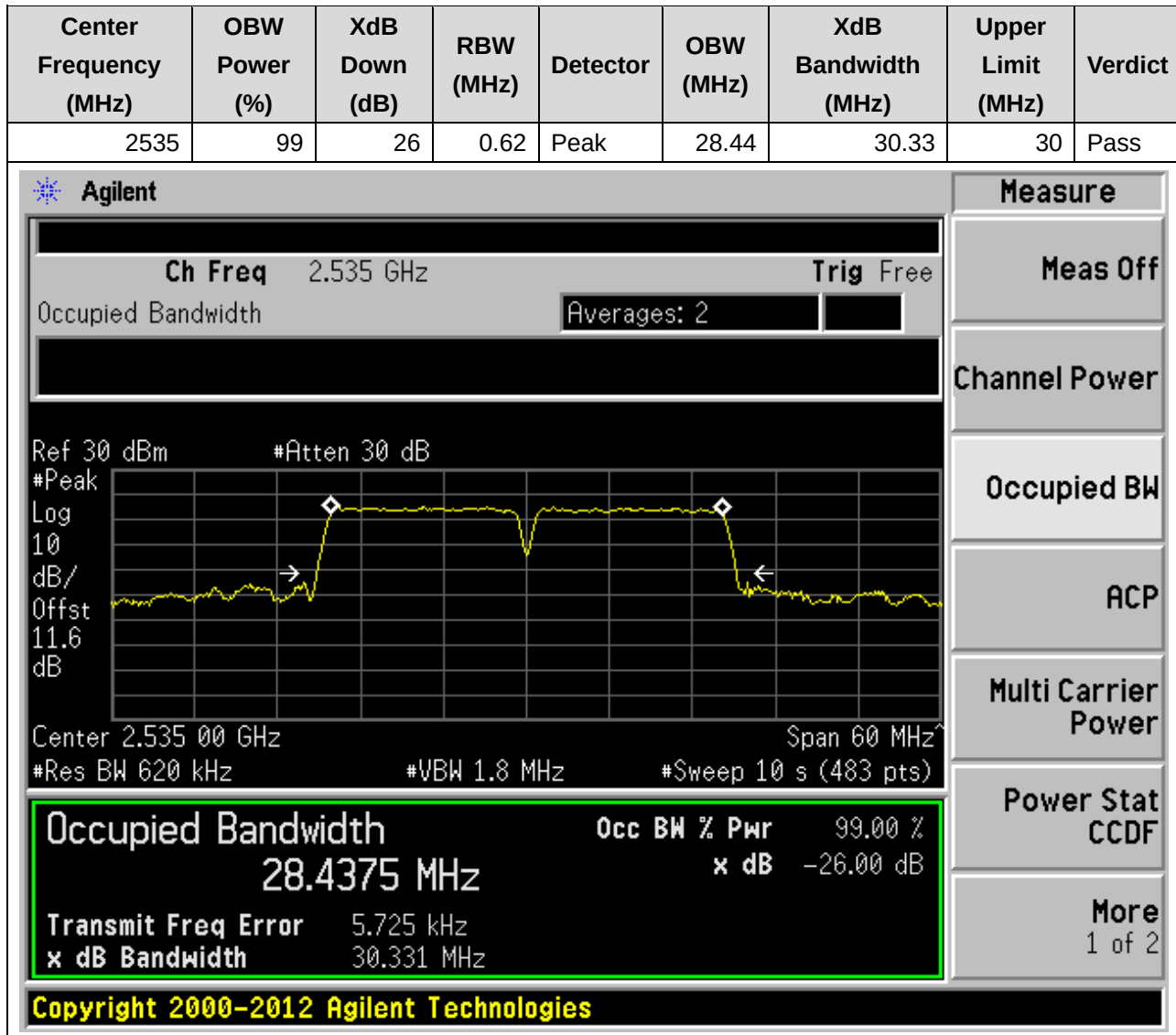
**5.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



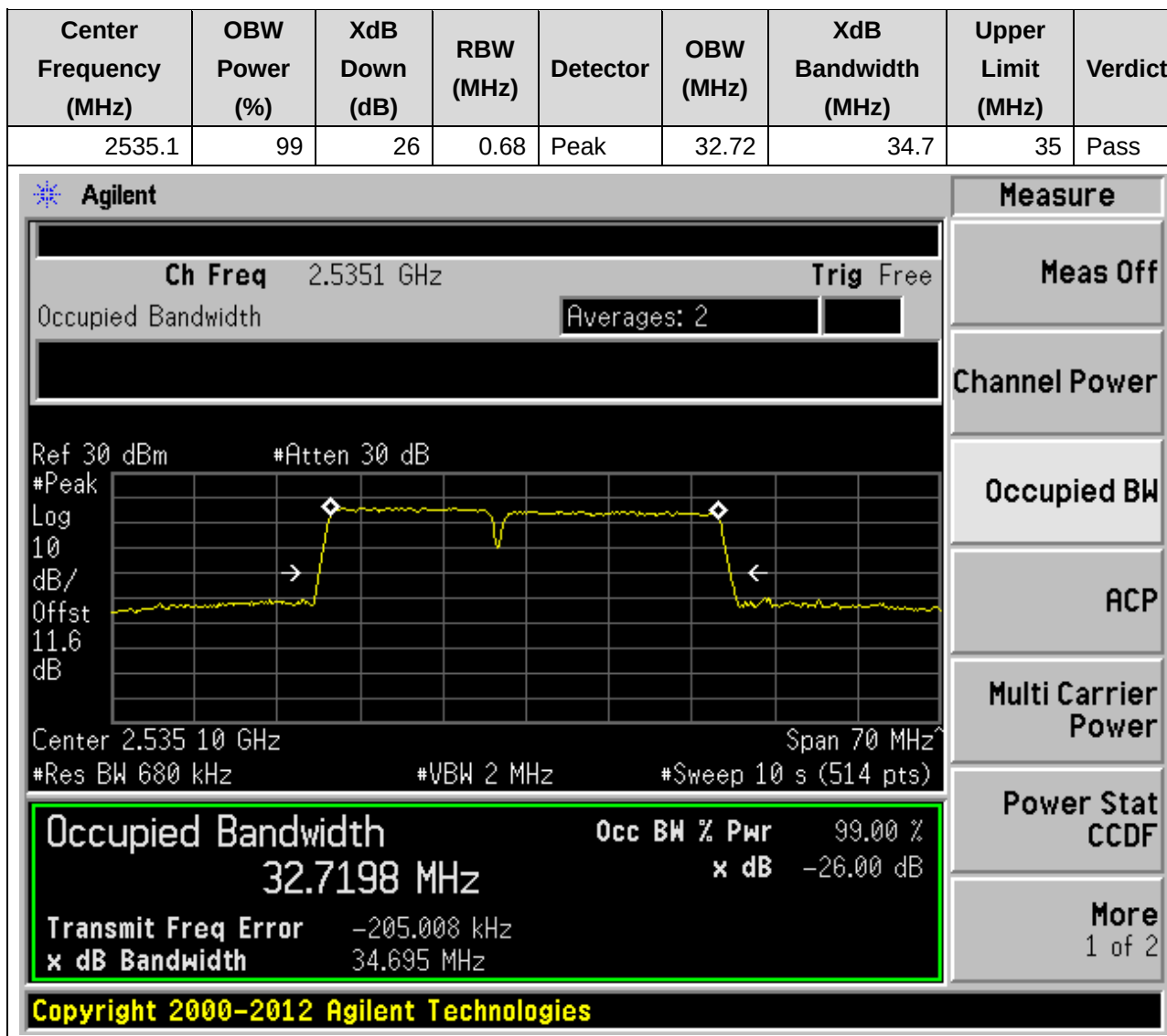
**5.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



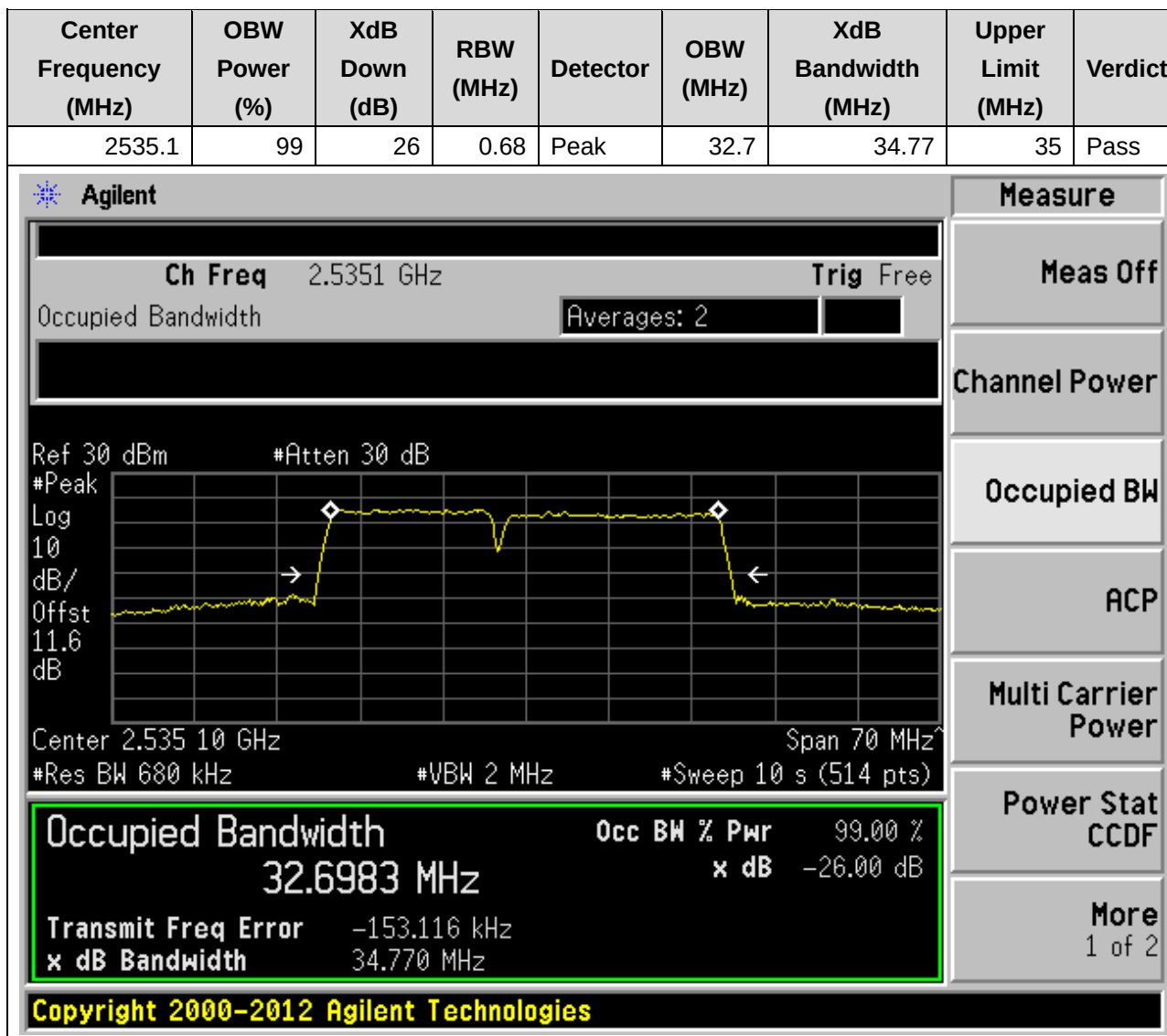
**5.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



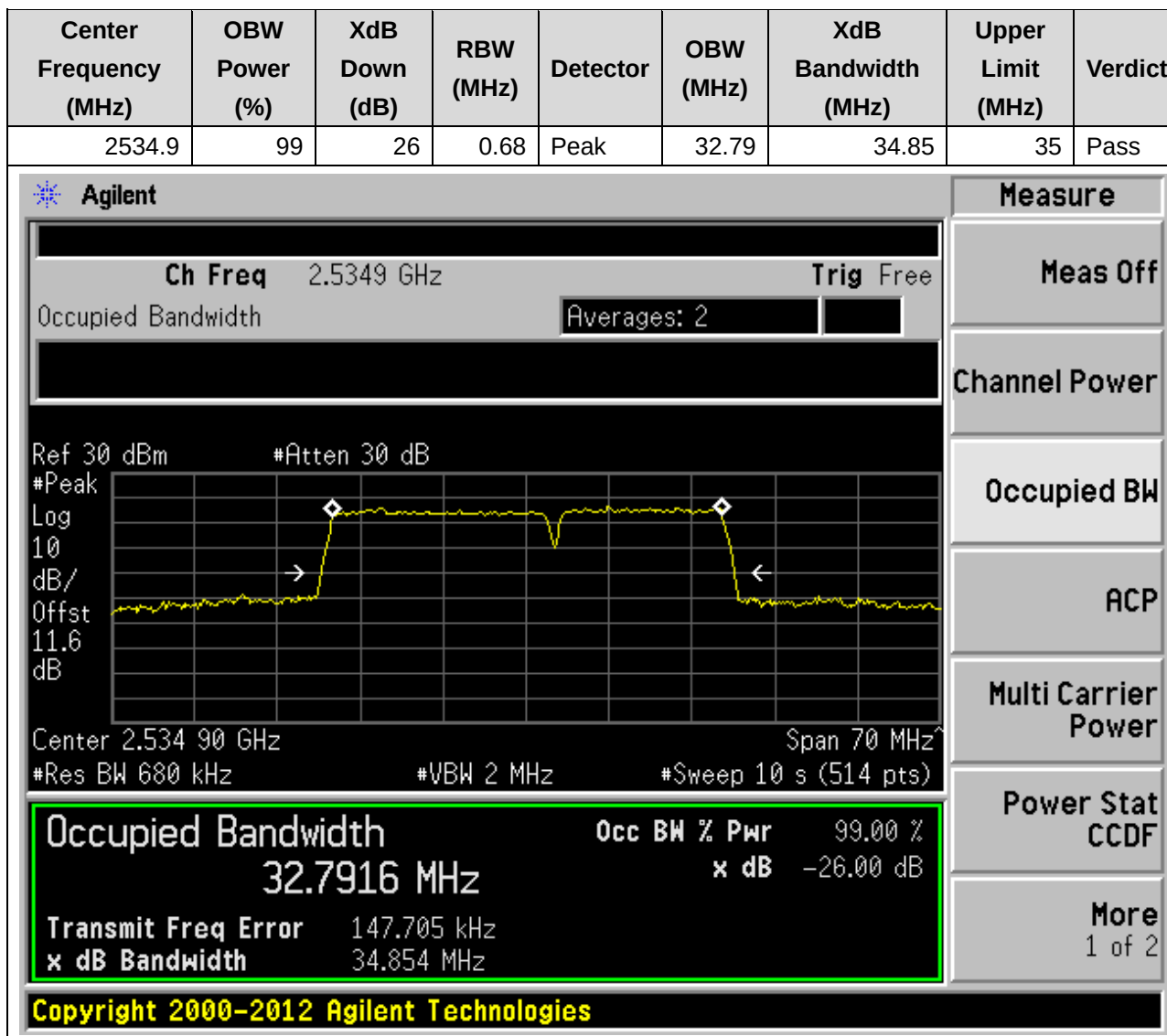
**5.7. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



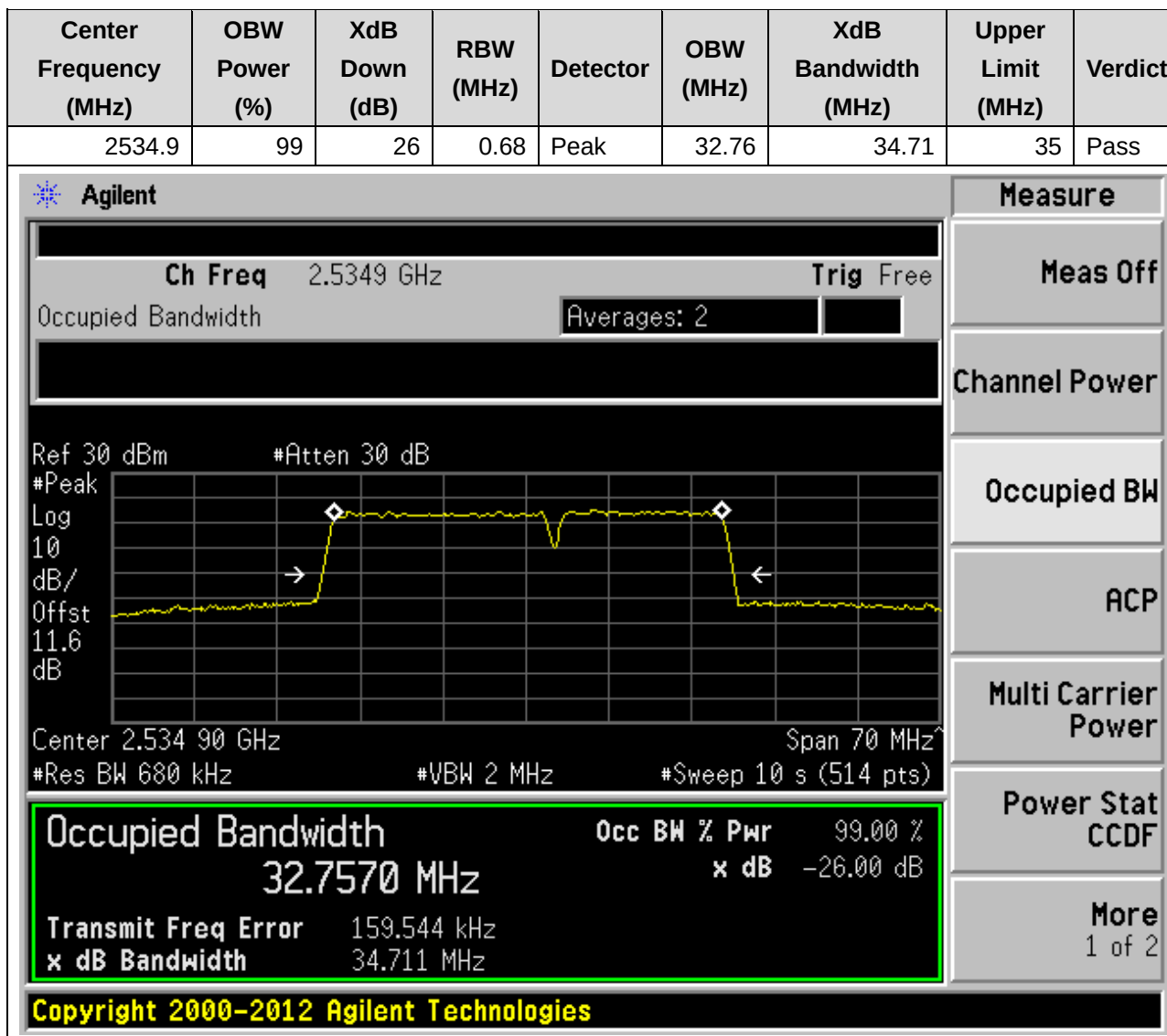
**5.8. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



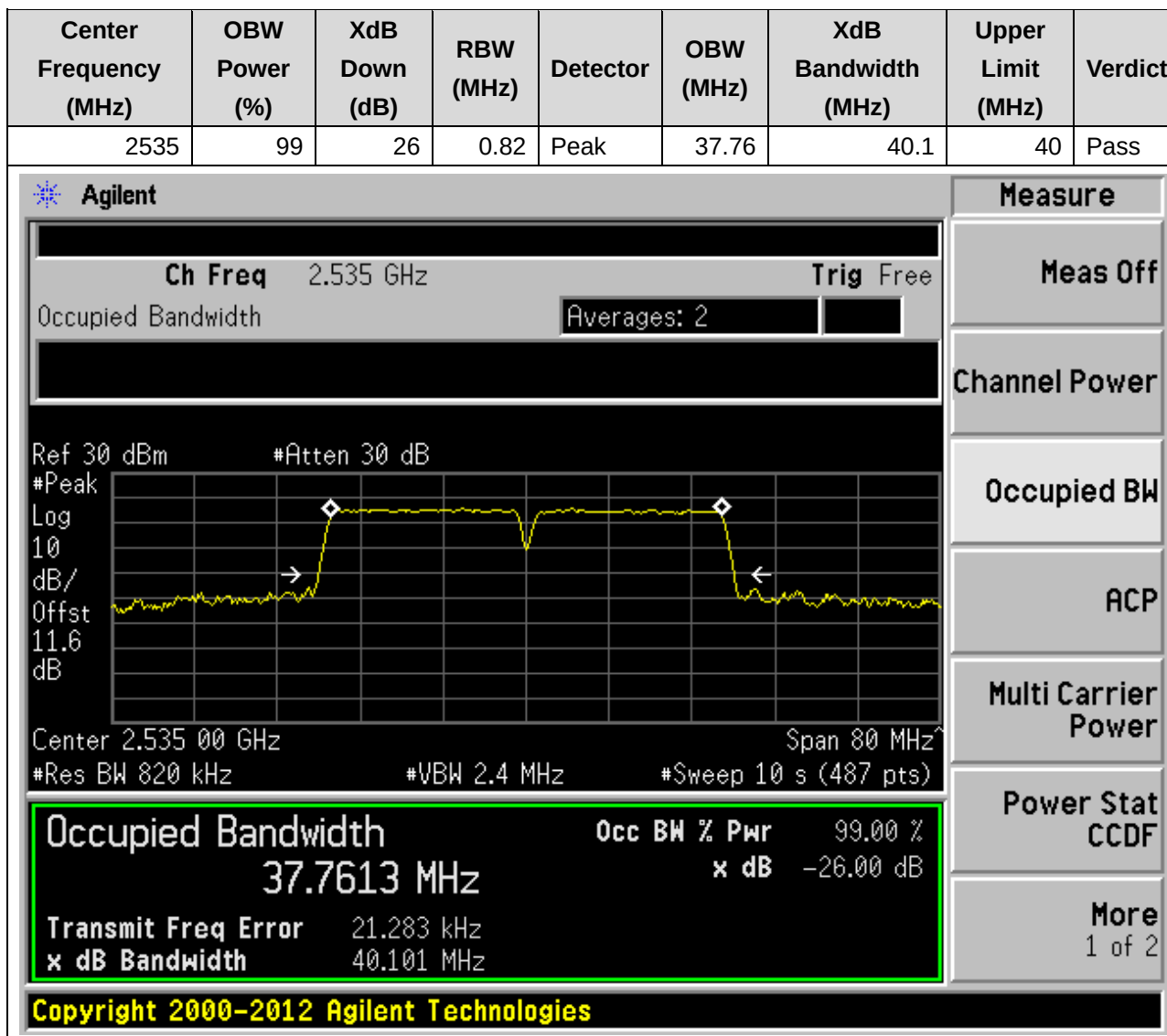
**5.9. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



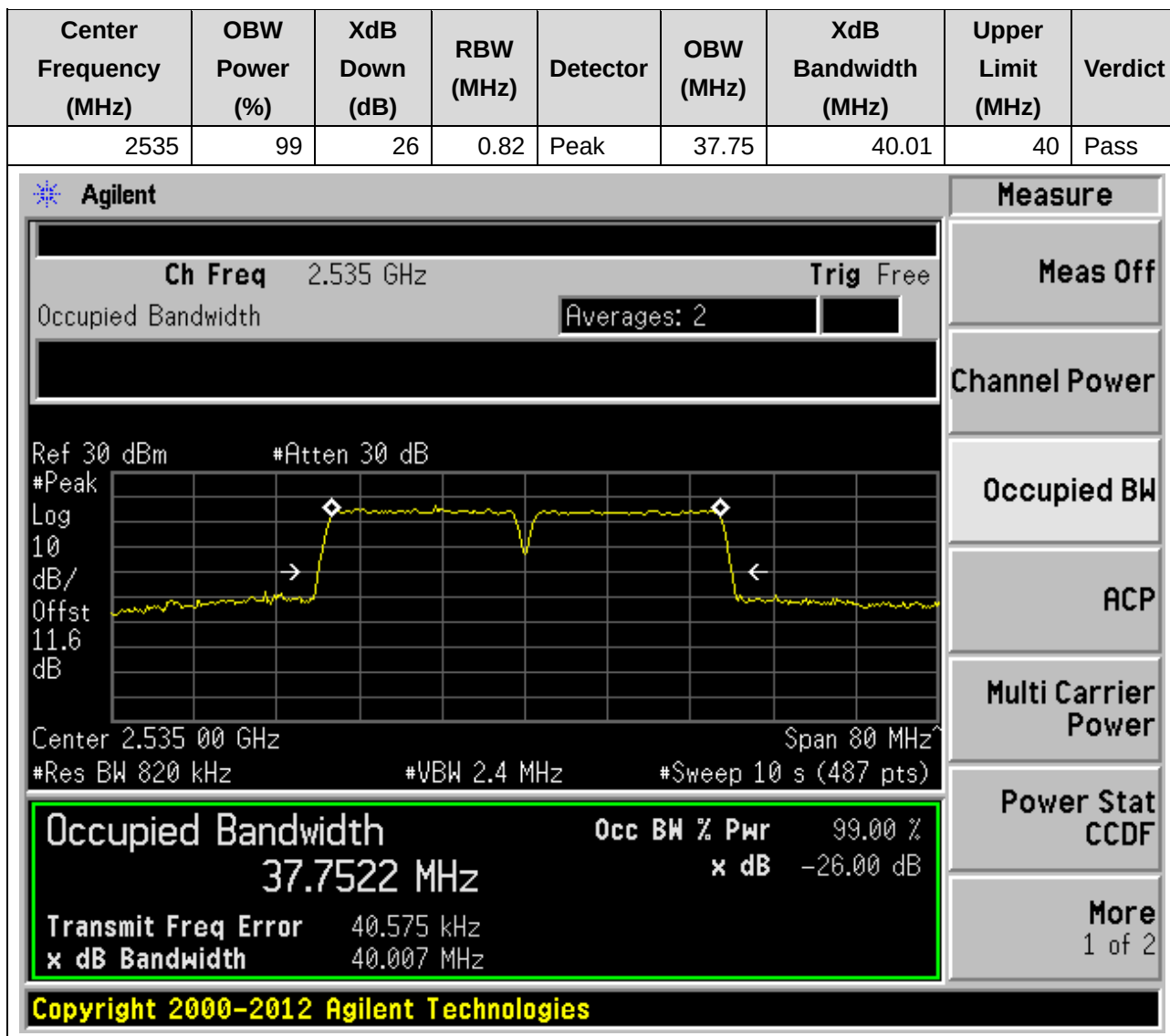
**5.10. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**5.11. 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)**

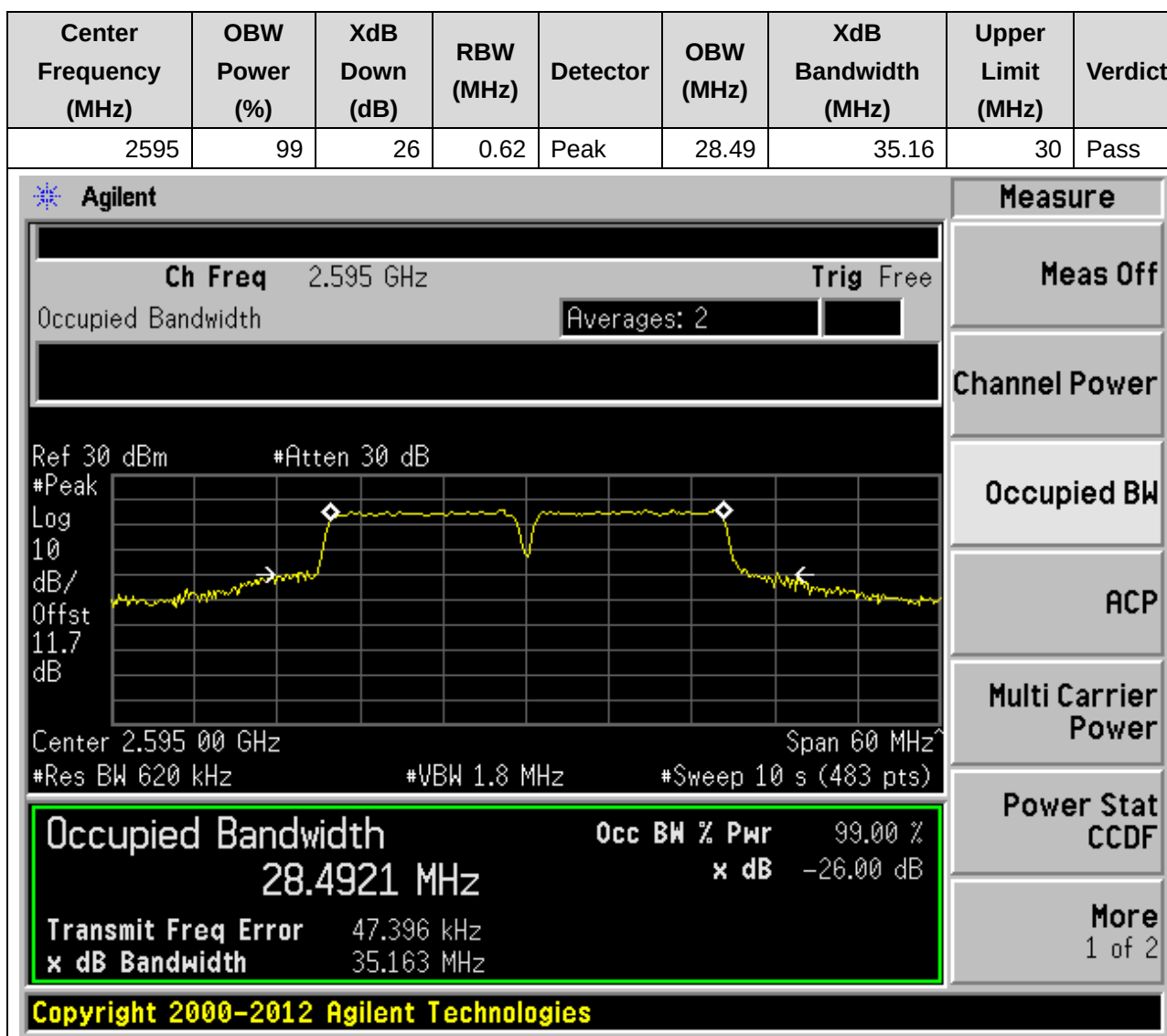


**5.12. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

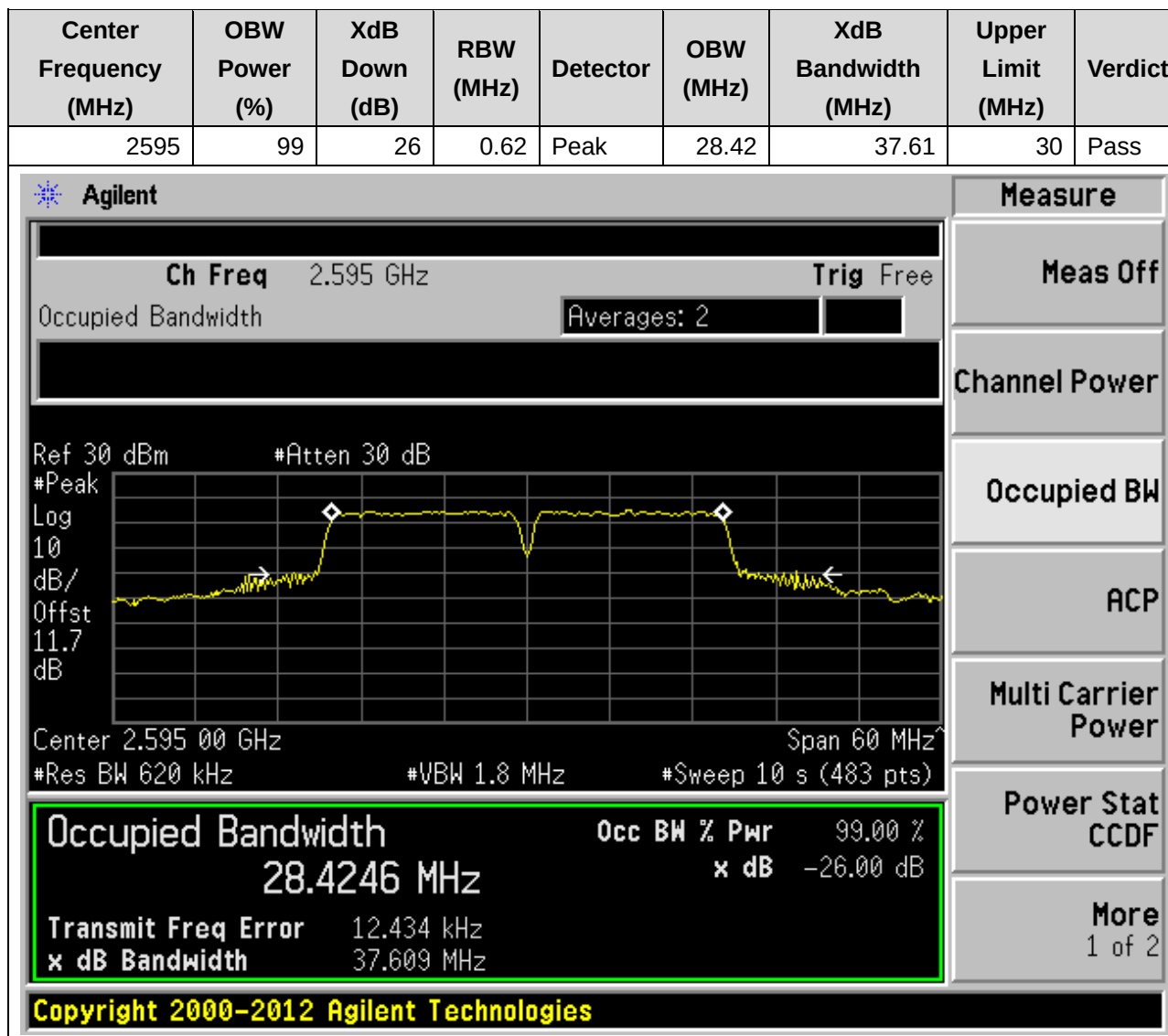


2. CA_38C

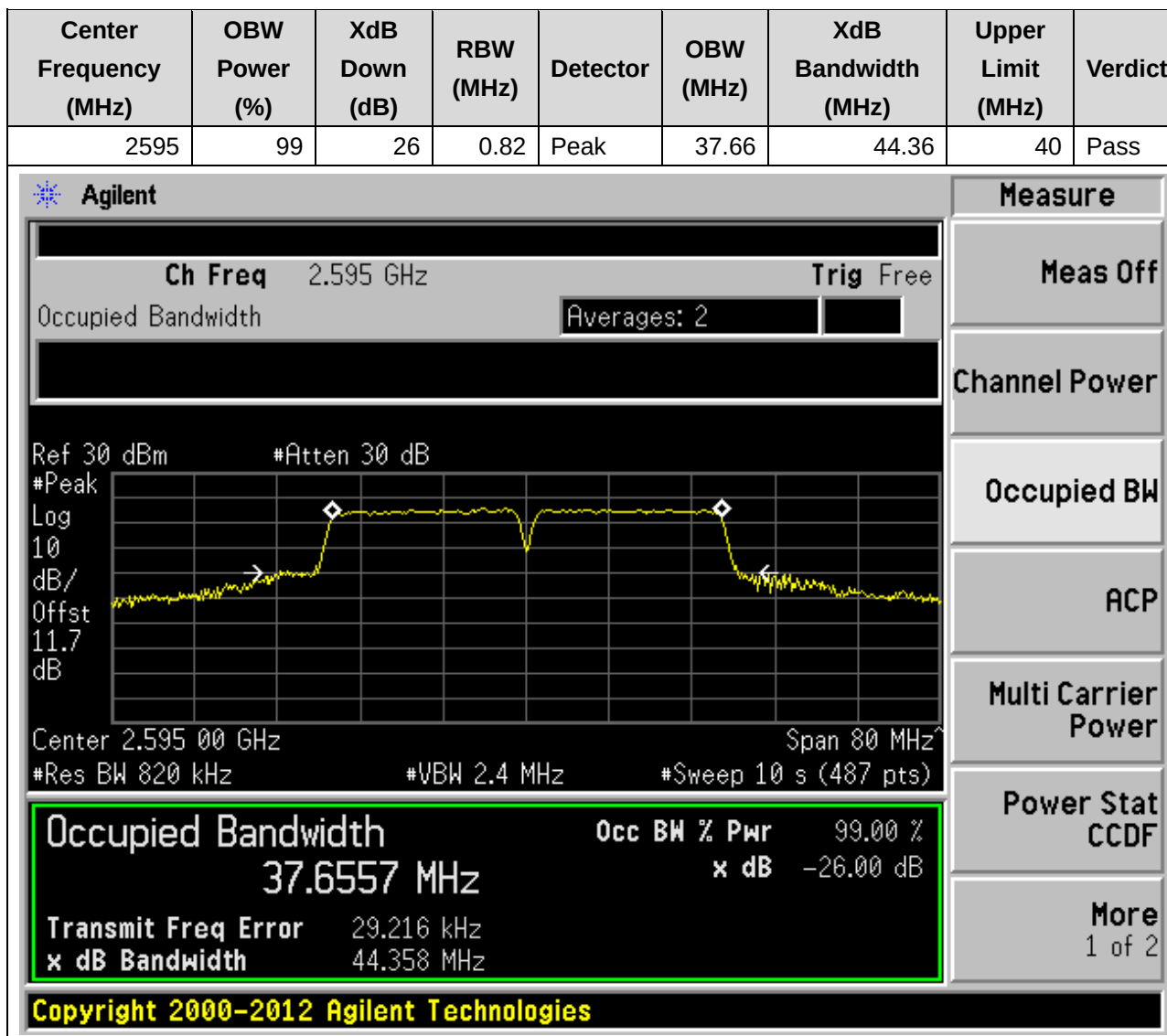
2.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



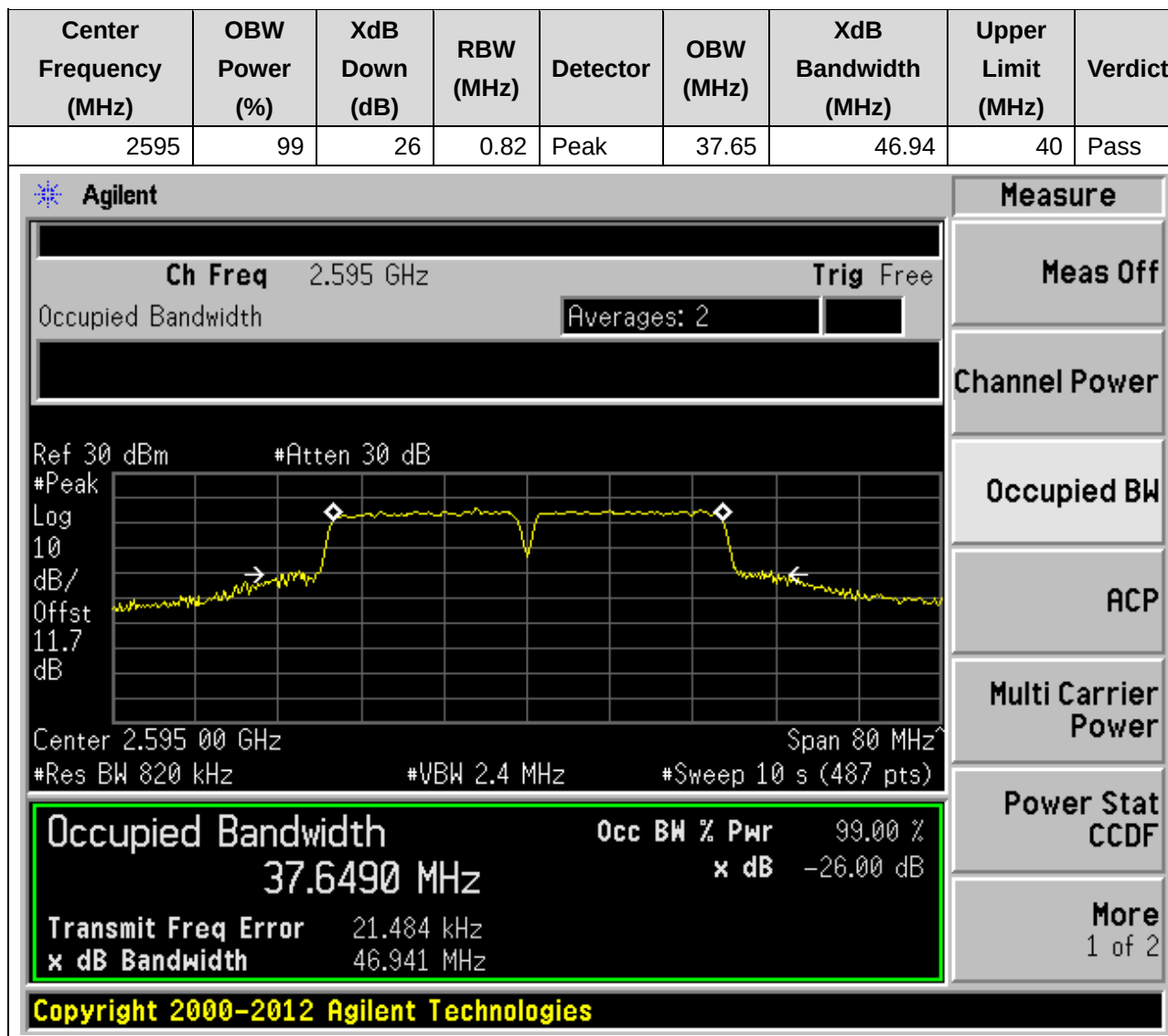
**2.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**2.3. 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)**

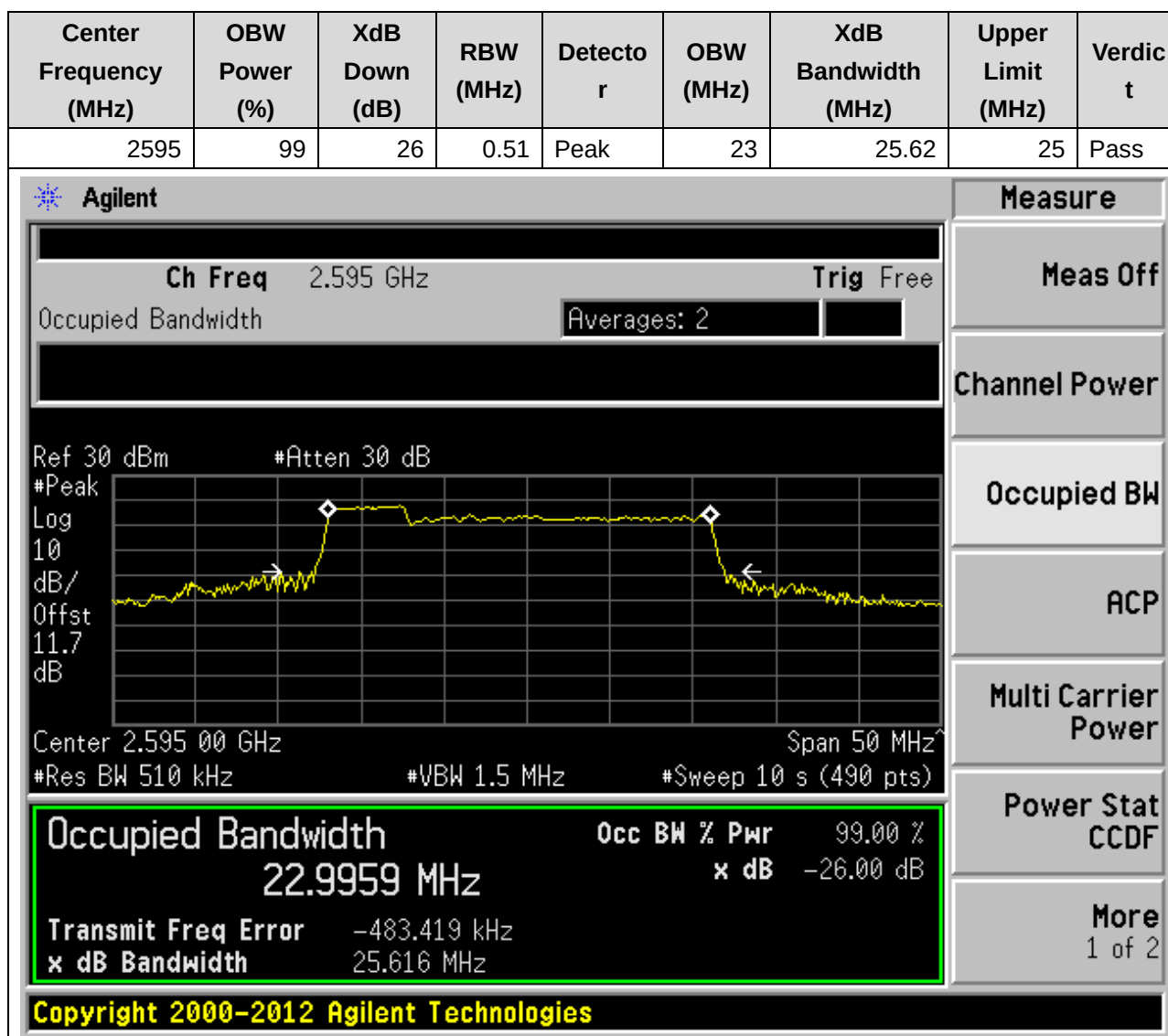


**2.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

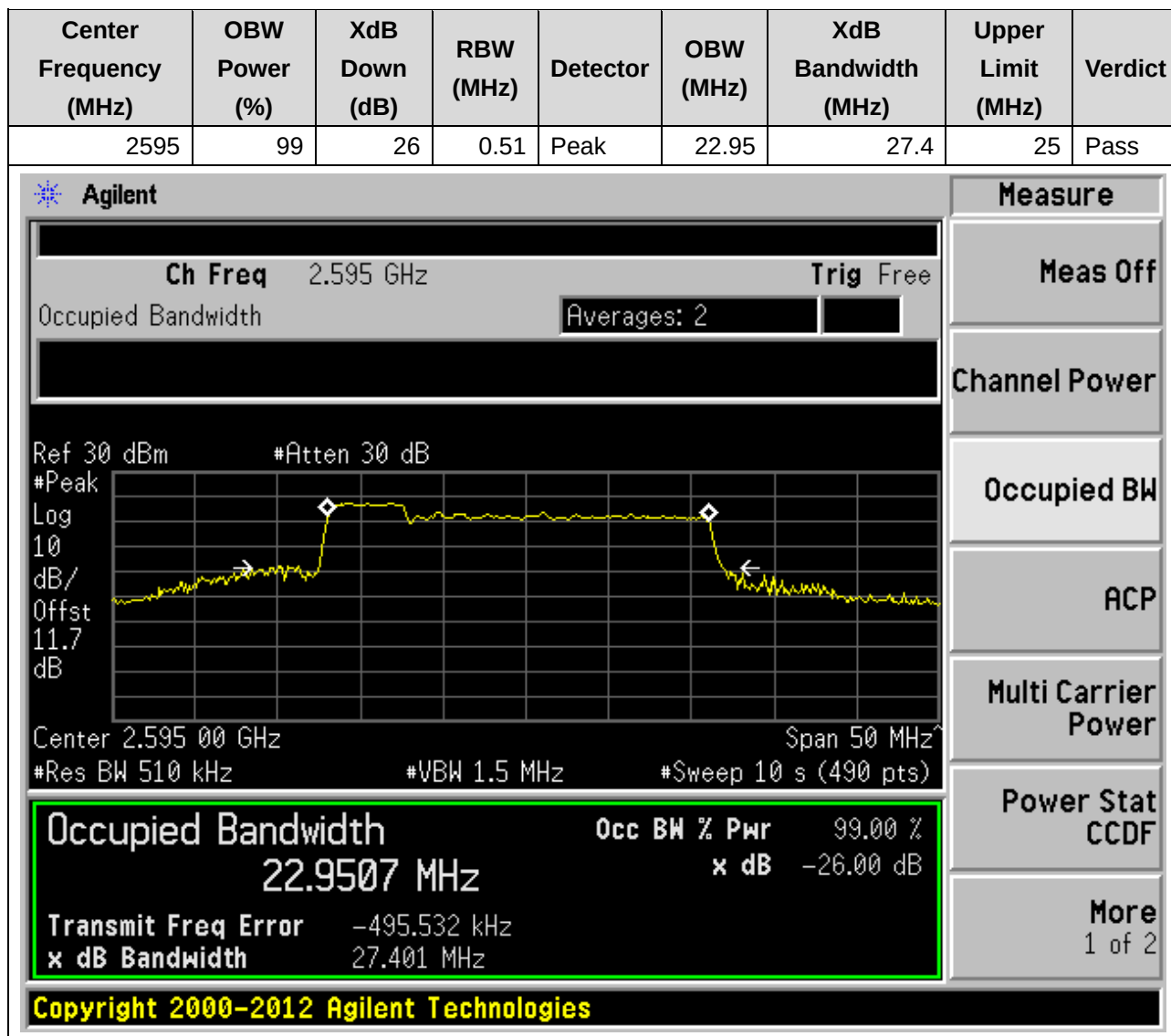


1. CA_41C_2535-2655

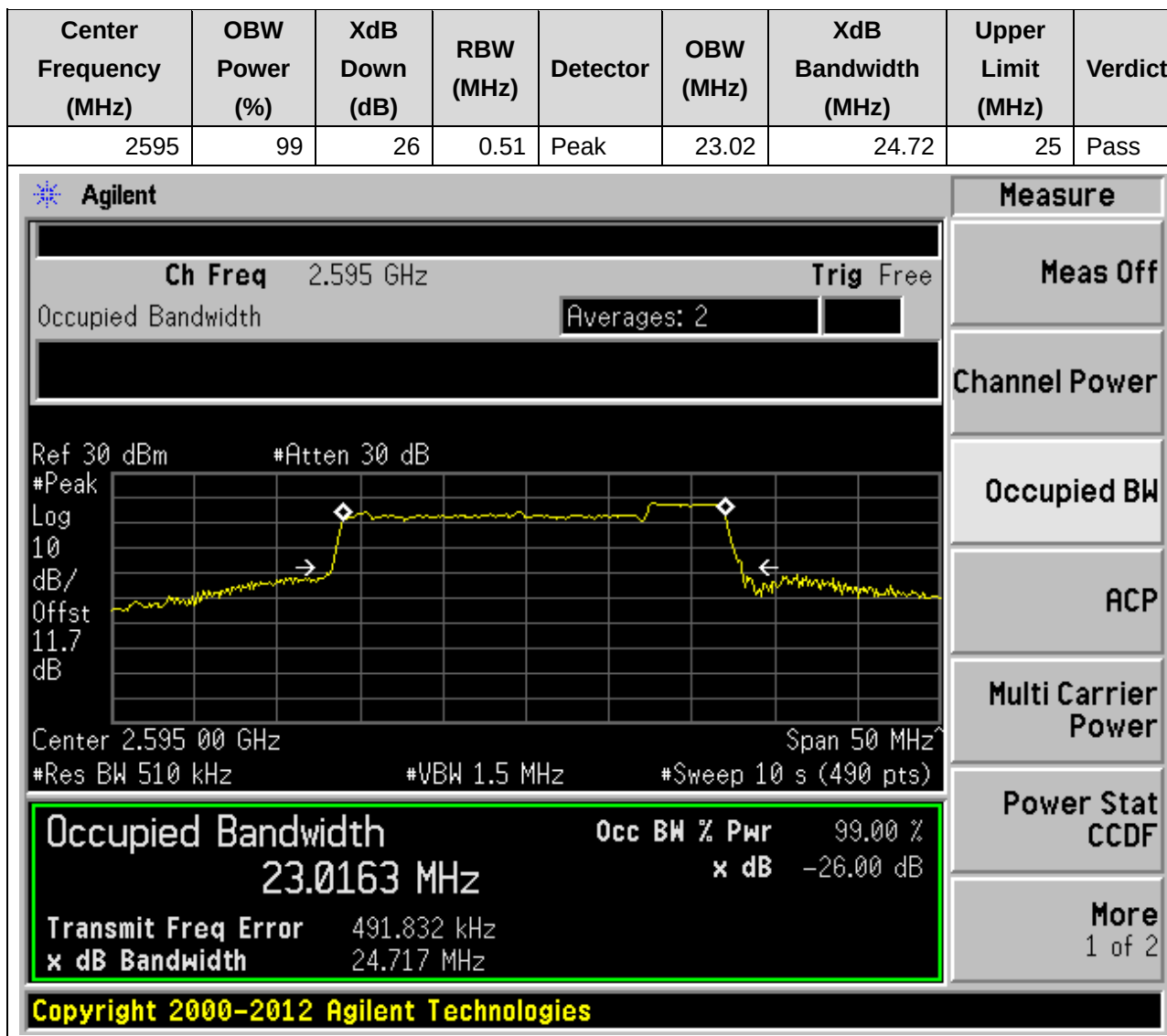
1.1. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:40544|40661, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



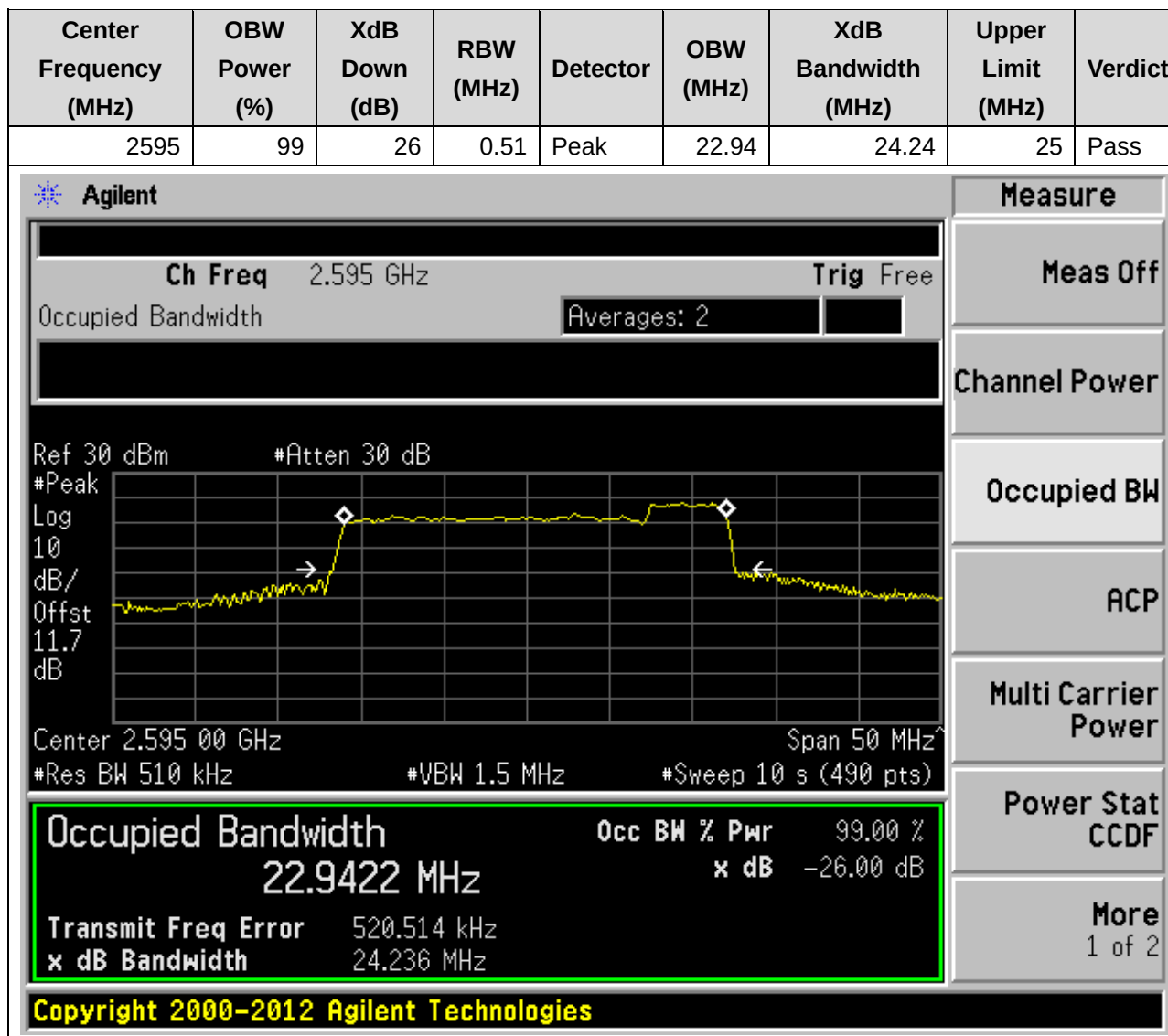
**1.2. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:40544|40661, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



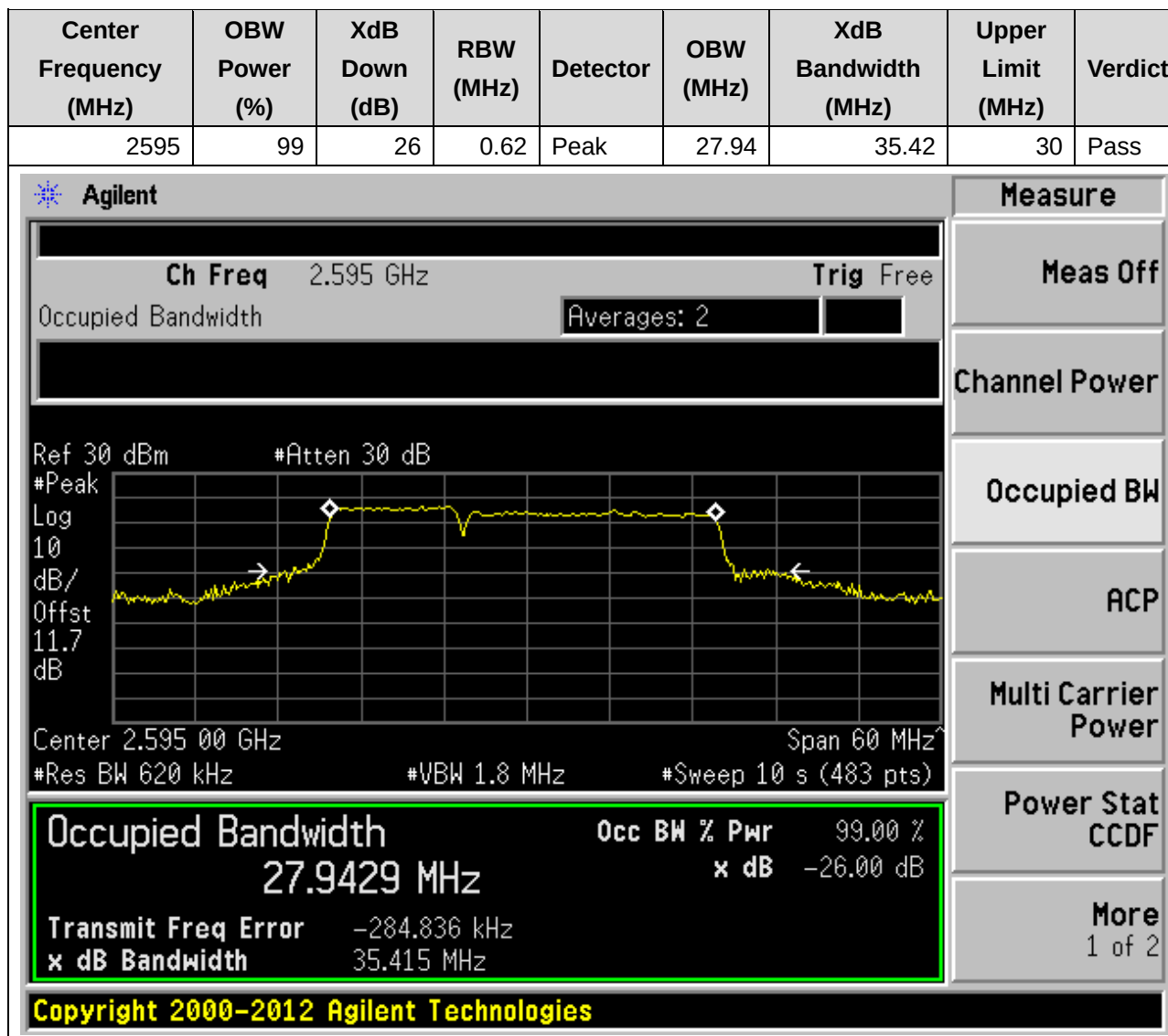
**1.3. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:40619|40736, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



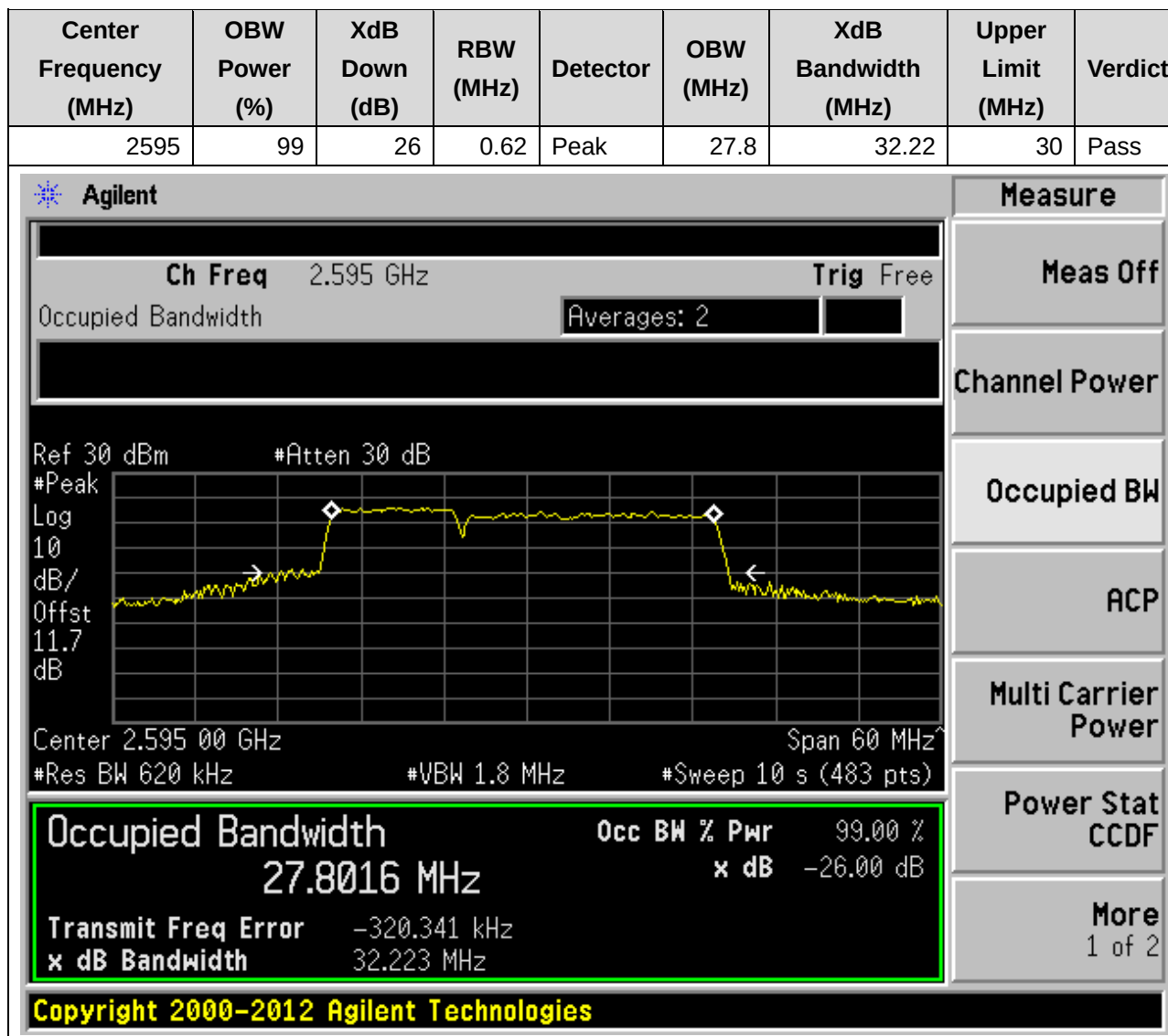
**1.4. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:40619|40736, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



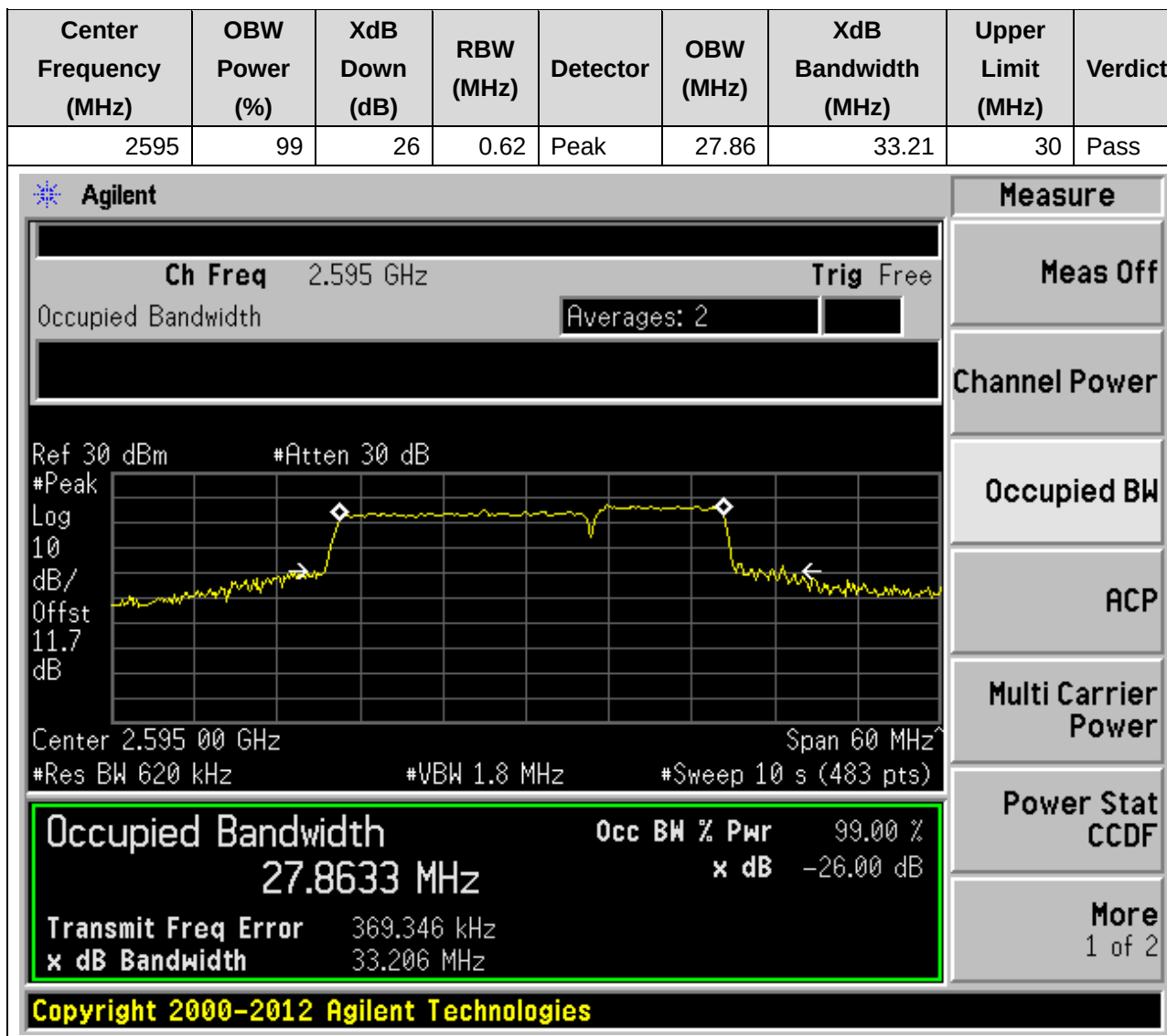
**1.5. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



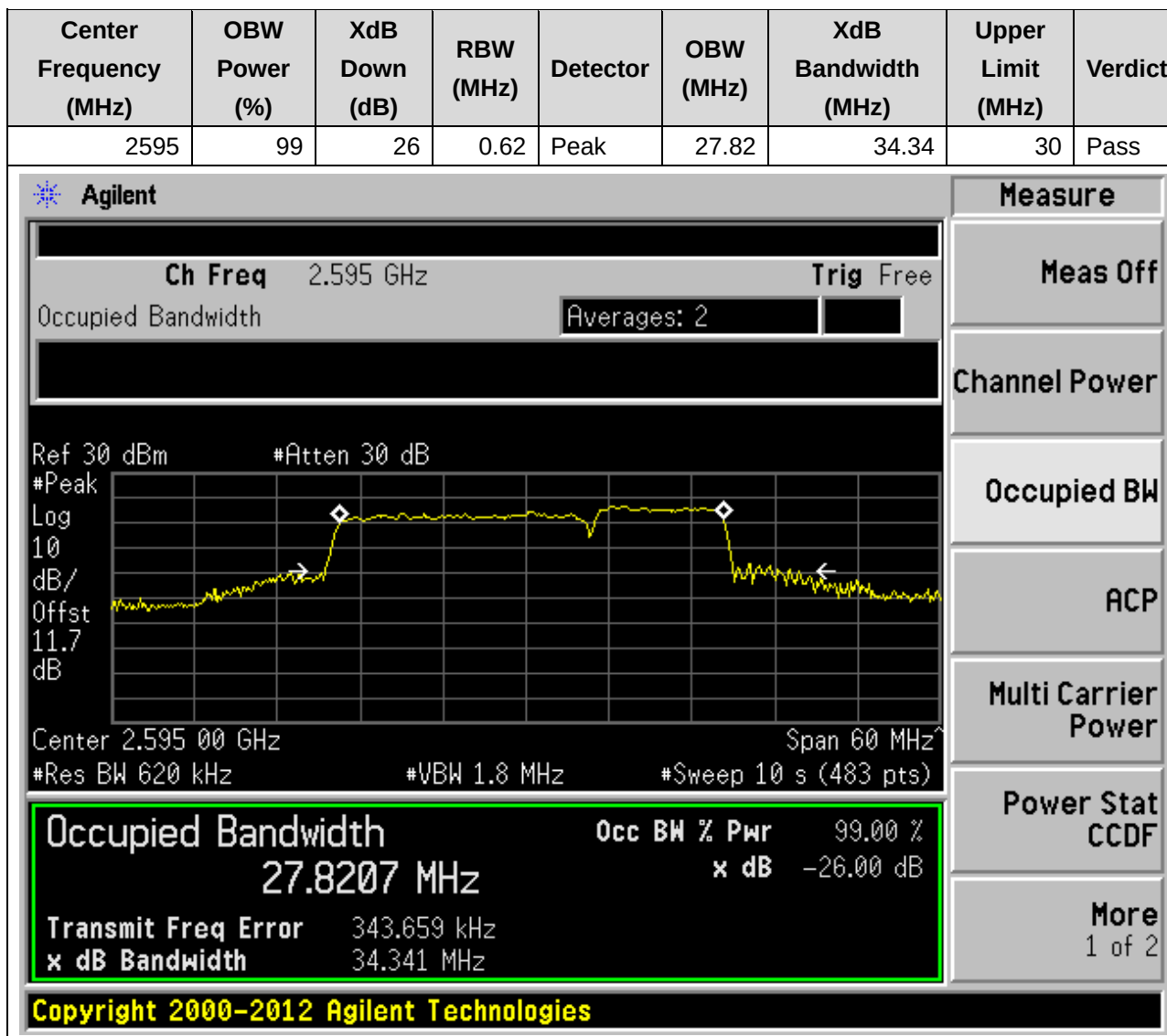
**1.6. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



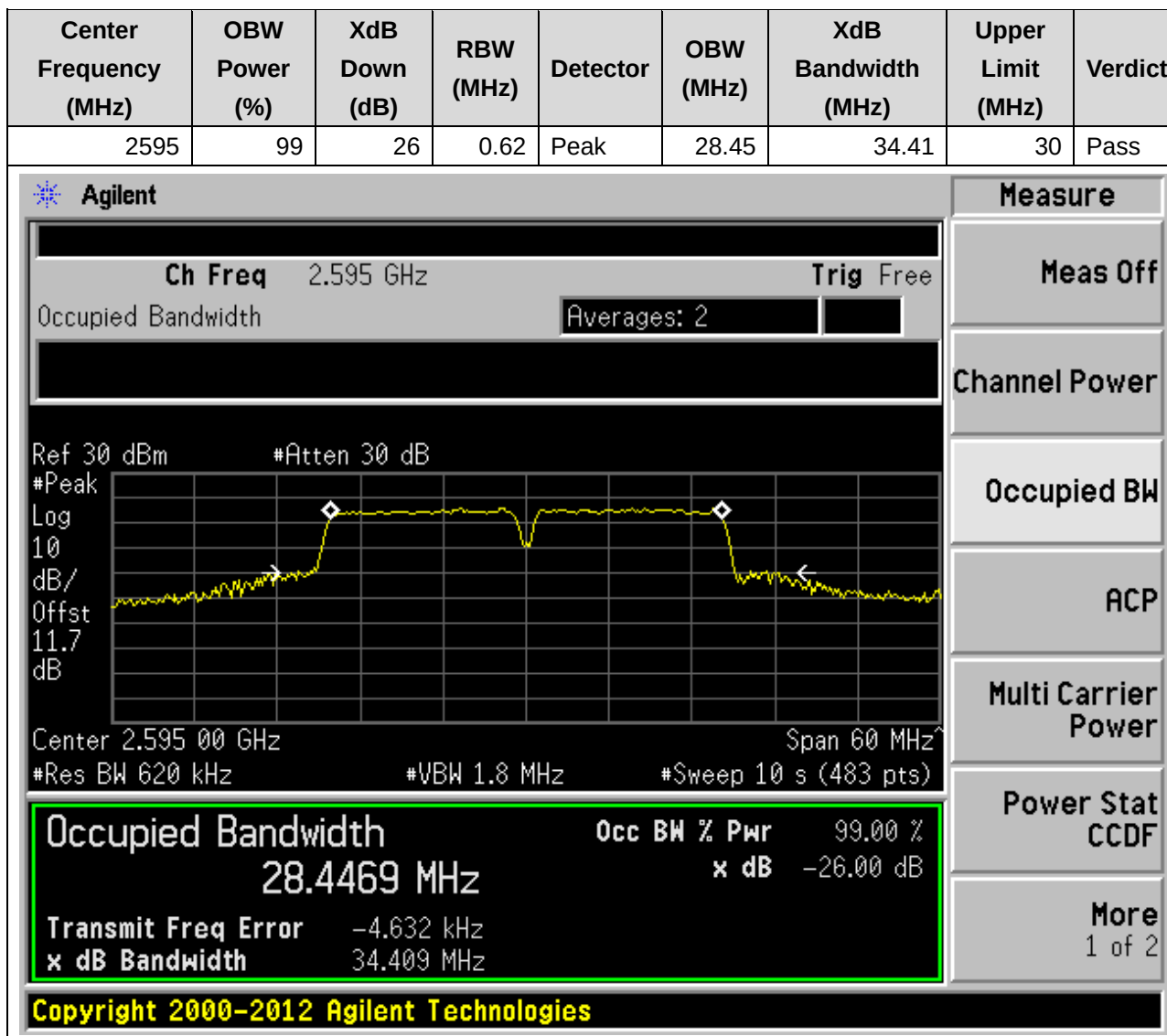
**1.7. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:40593|40737, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



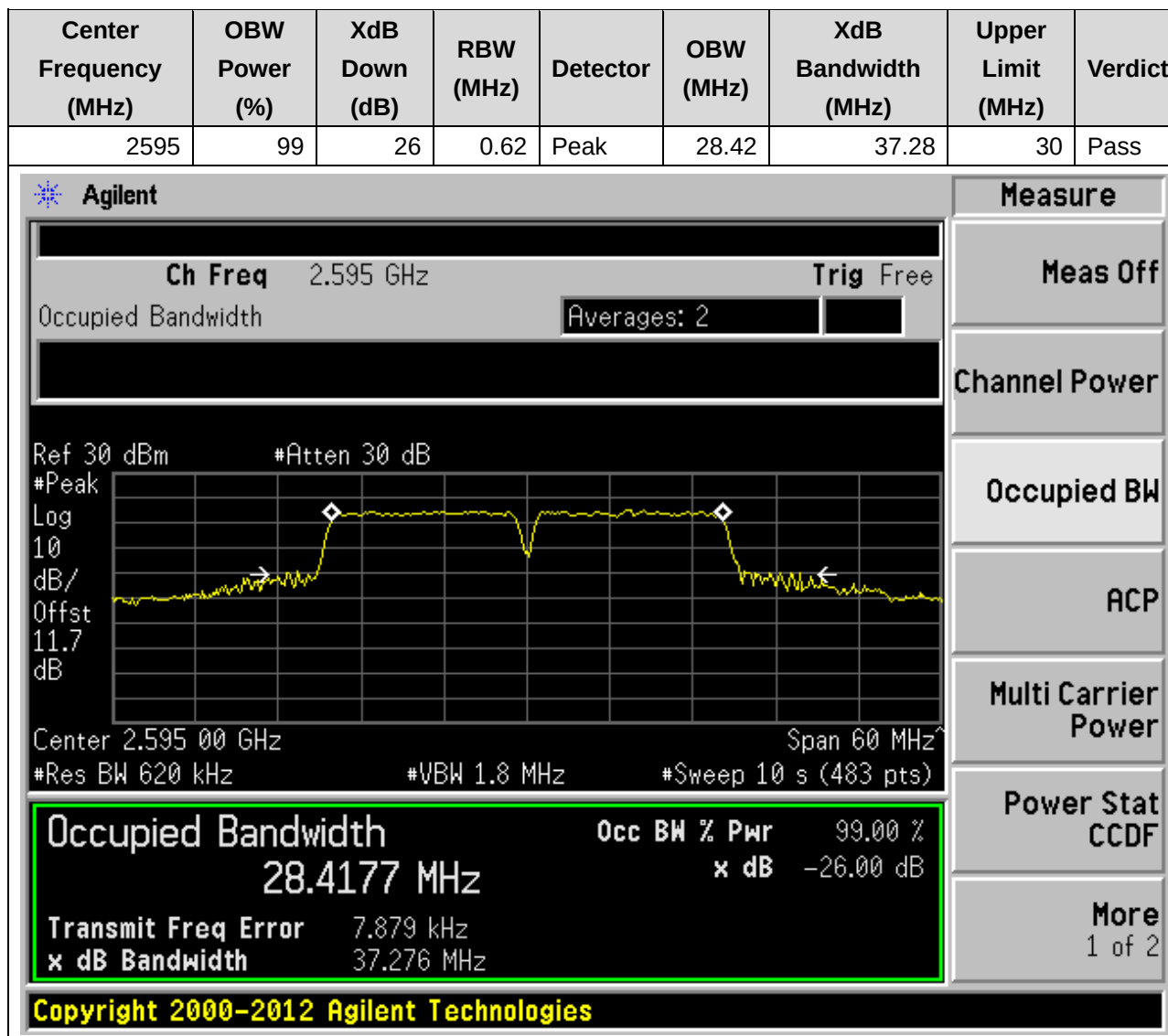
**1.8. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:40593|40737, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



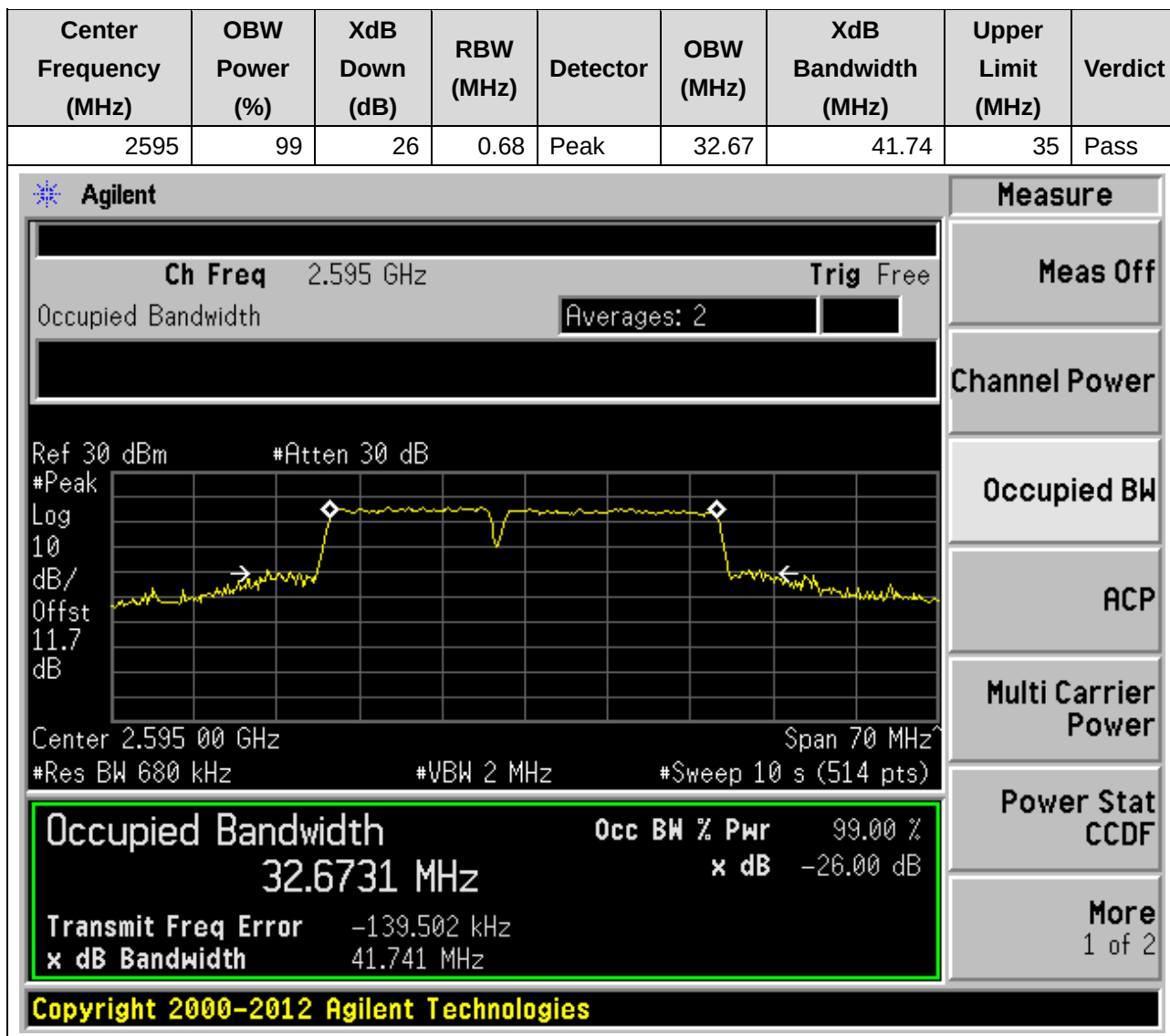
**1.9. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:40565|40715, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



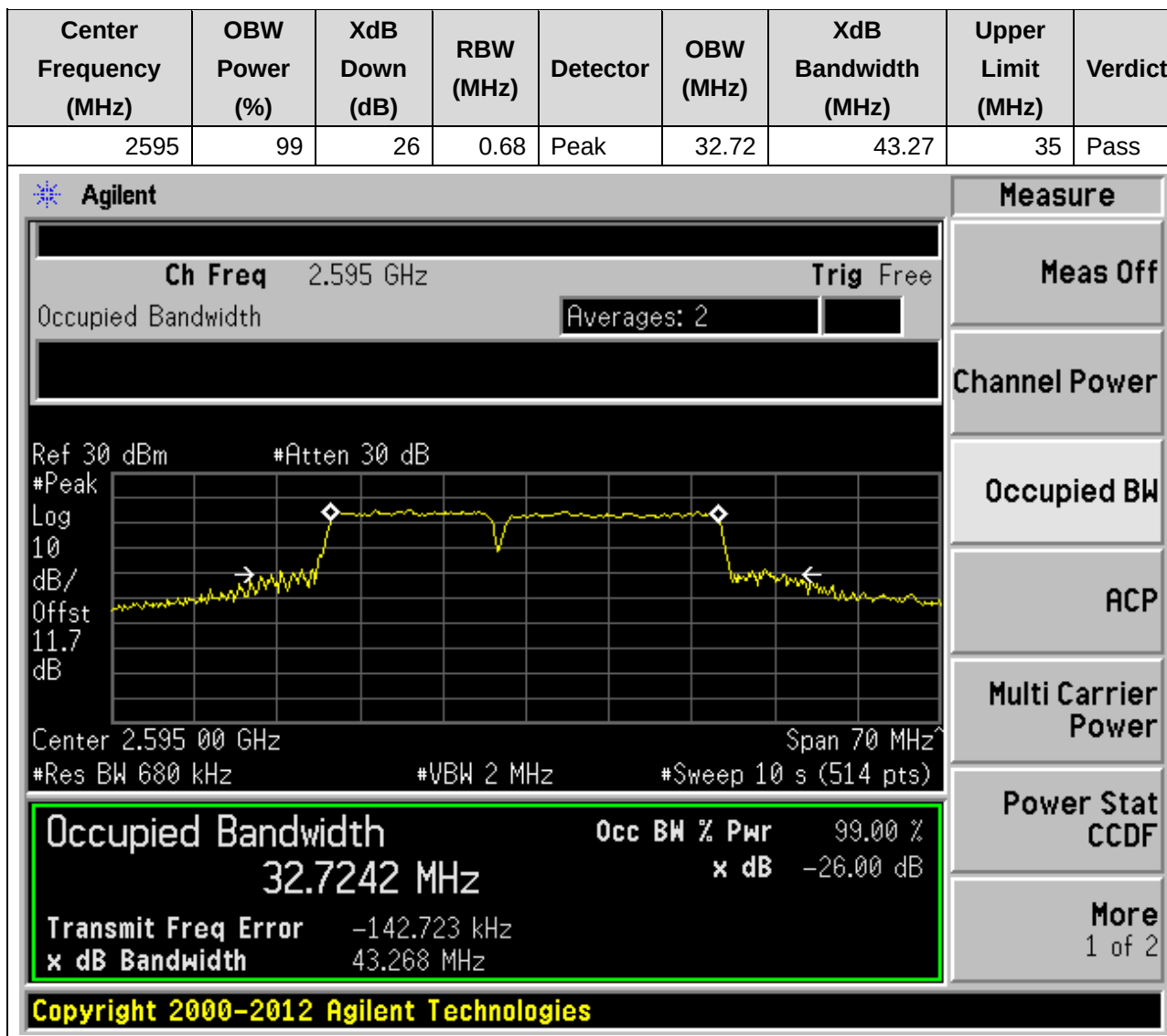
**1.10. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:40565|40715, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



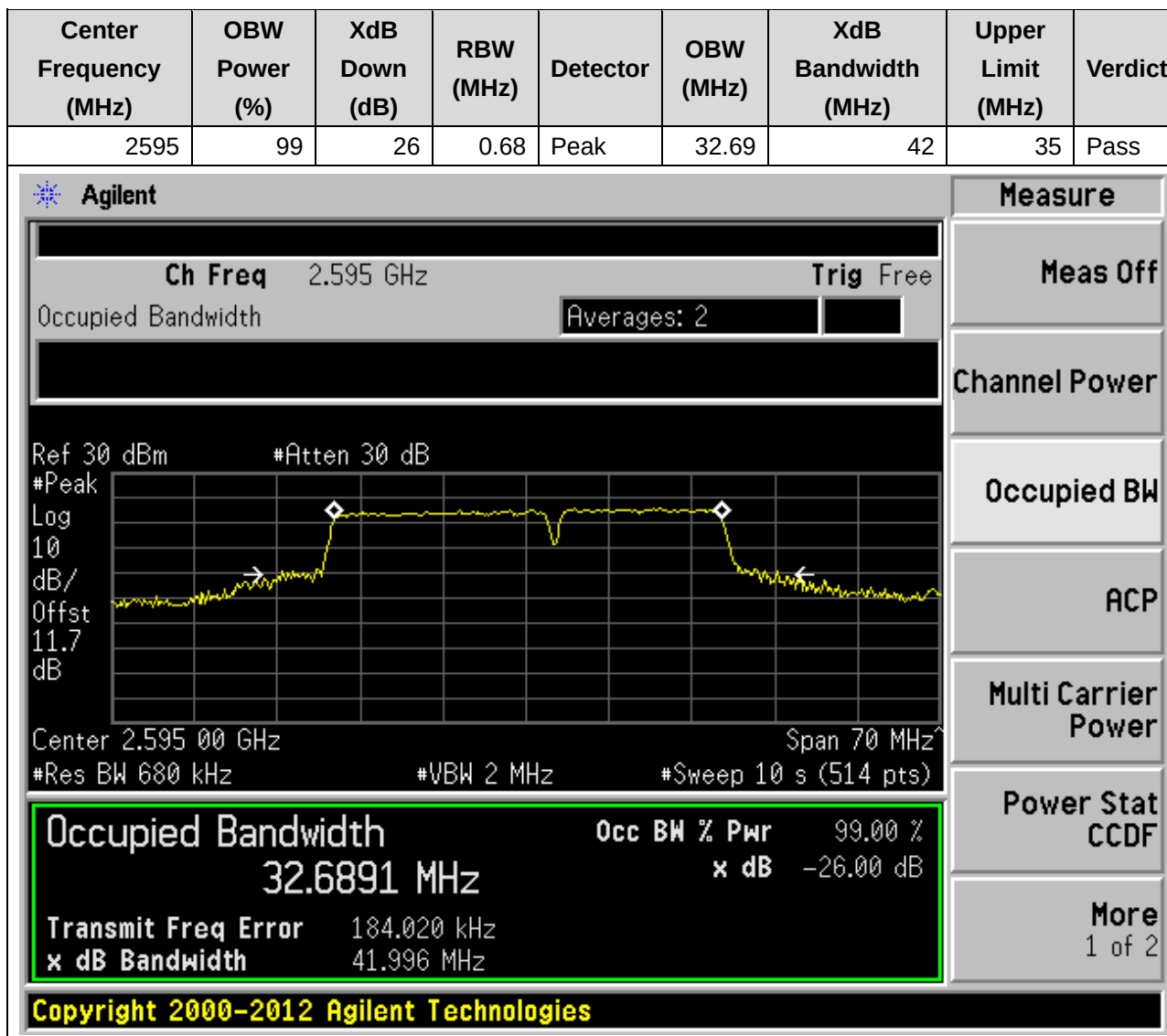
**1.11. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11,
Channel:40542|40713, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



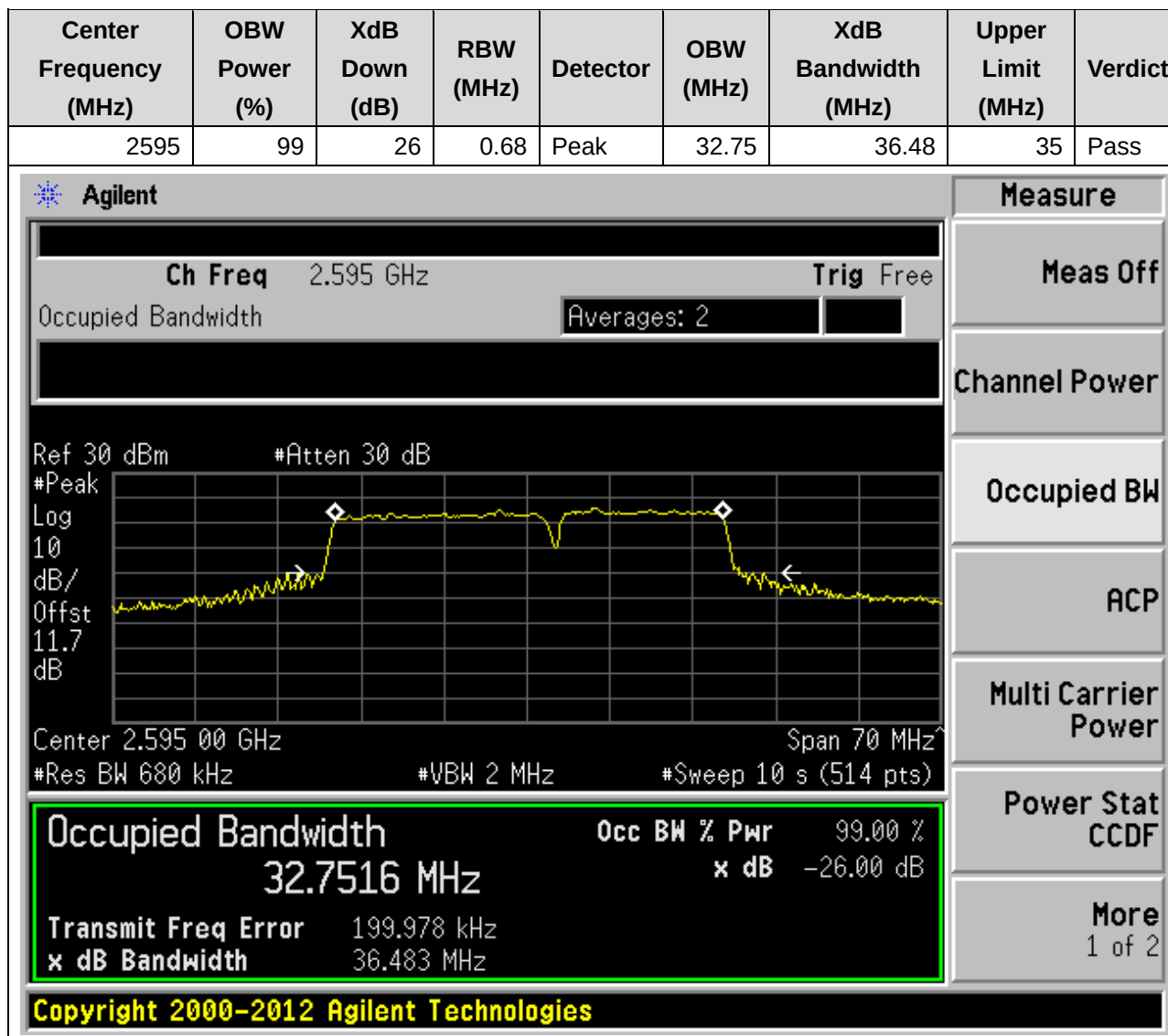
**1.12. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:40542|40713, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



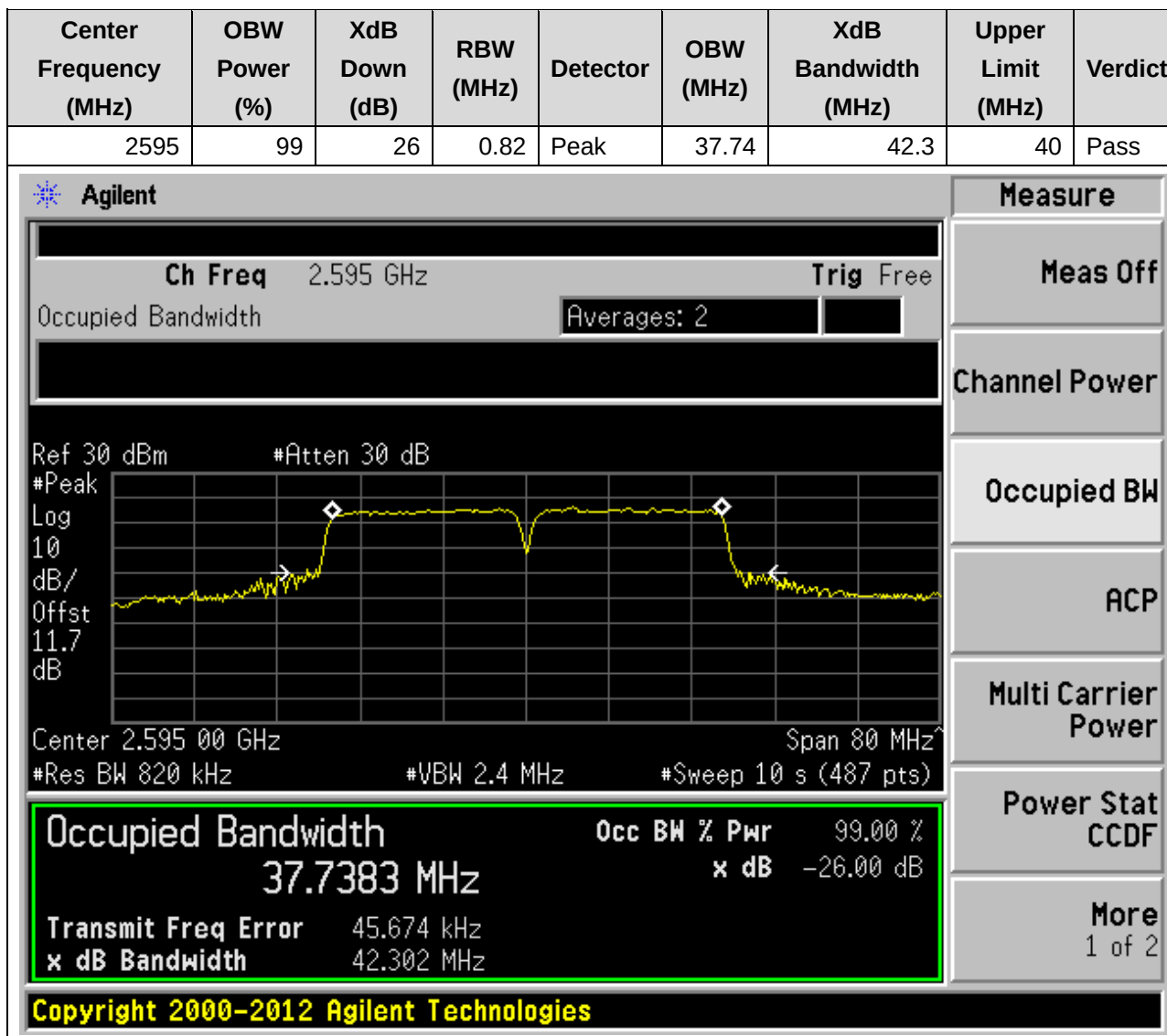
**1.13. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13,
Channel:40567|40738, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



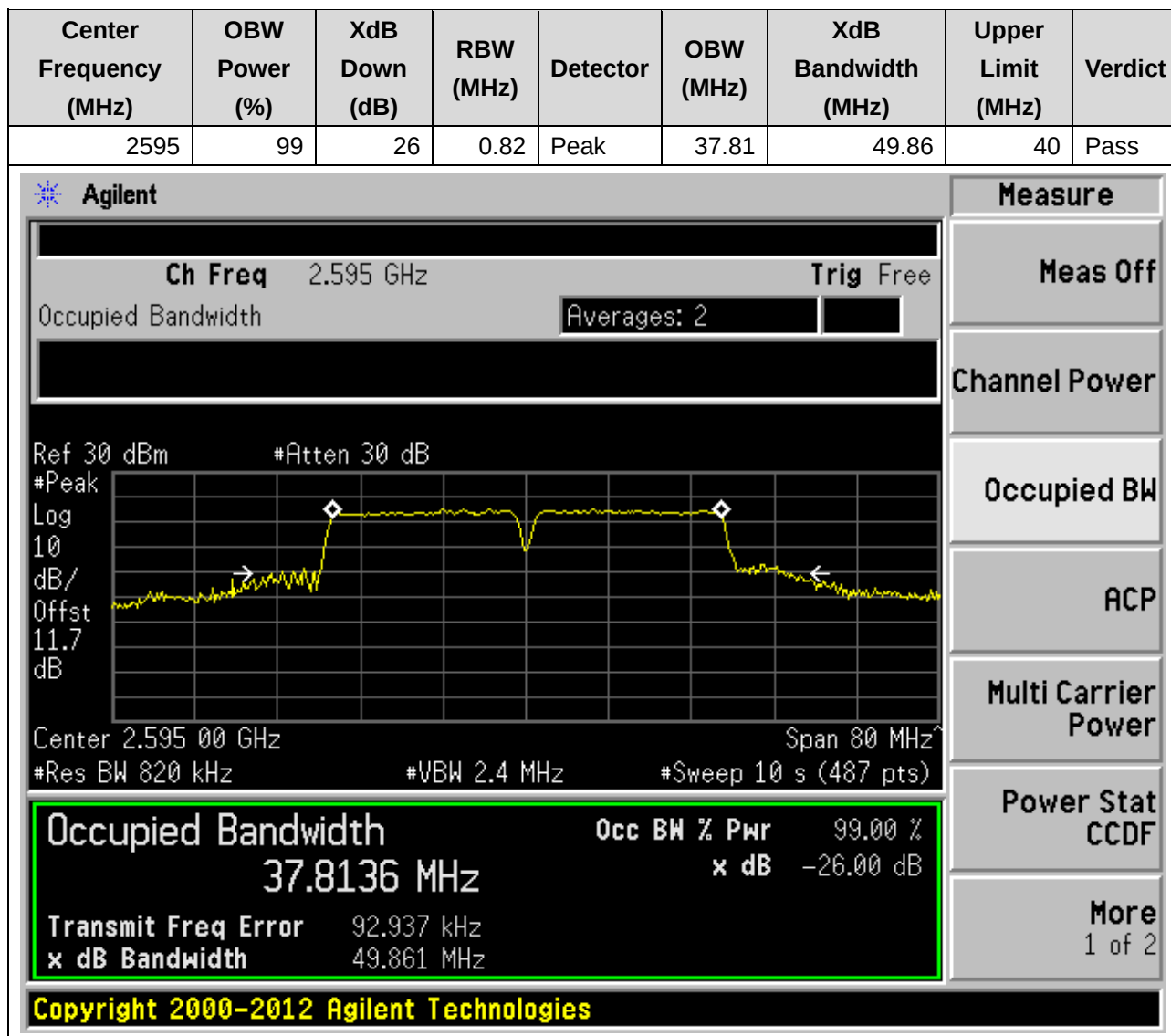
**1.14. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14,
Channel:40567|40738, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**1.15. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:15,
Channel:40541|40739, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**1.16. LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:16,
Channel:40541|40739, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



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