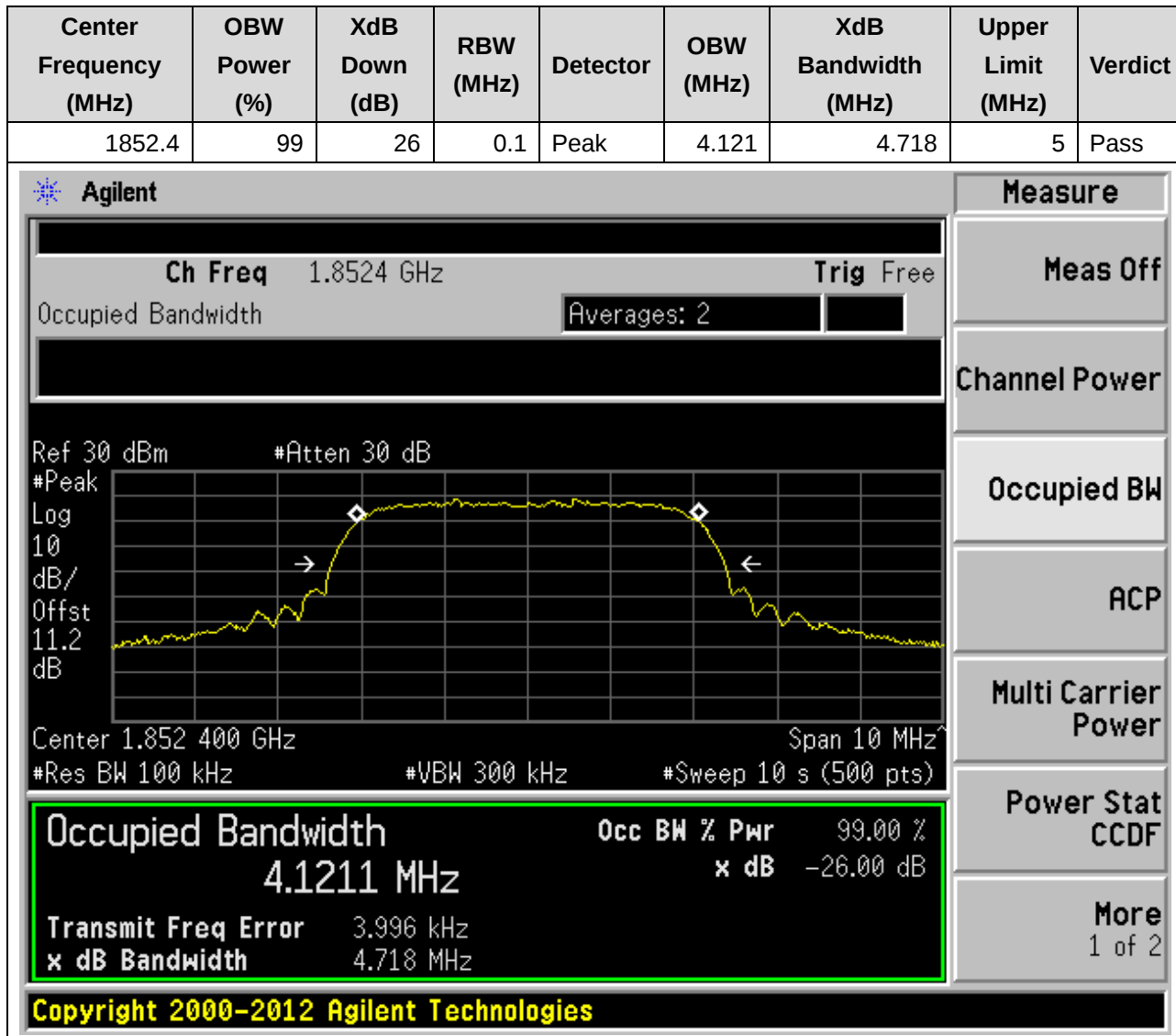


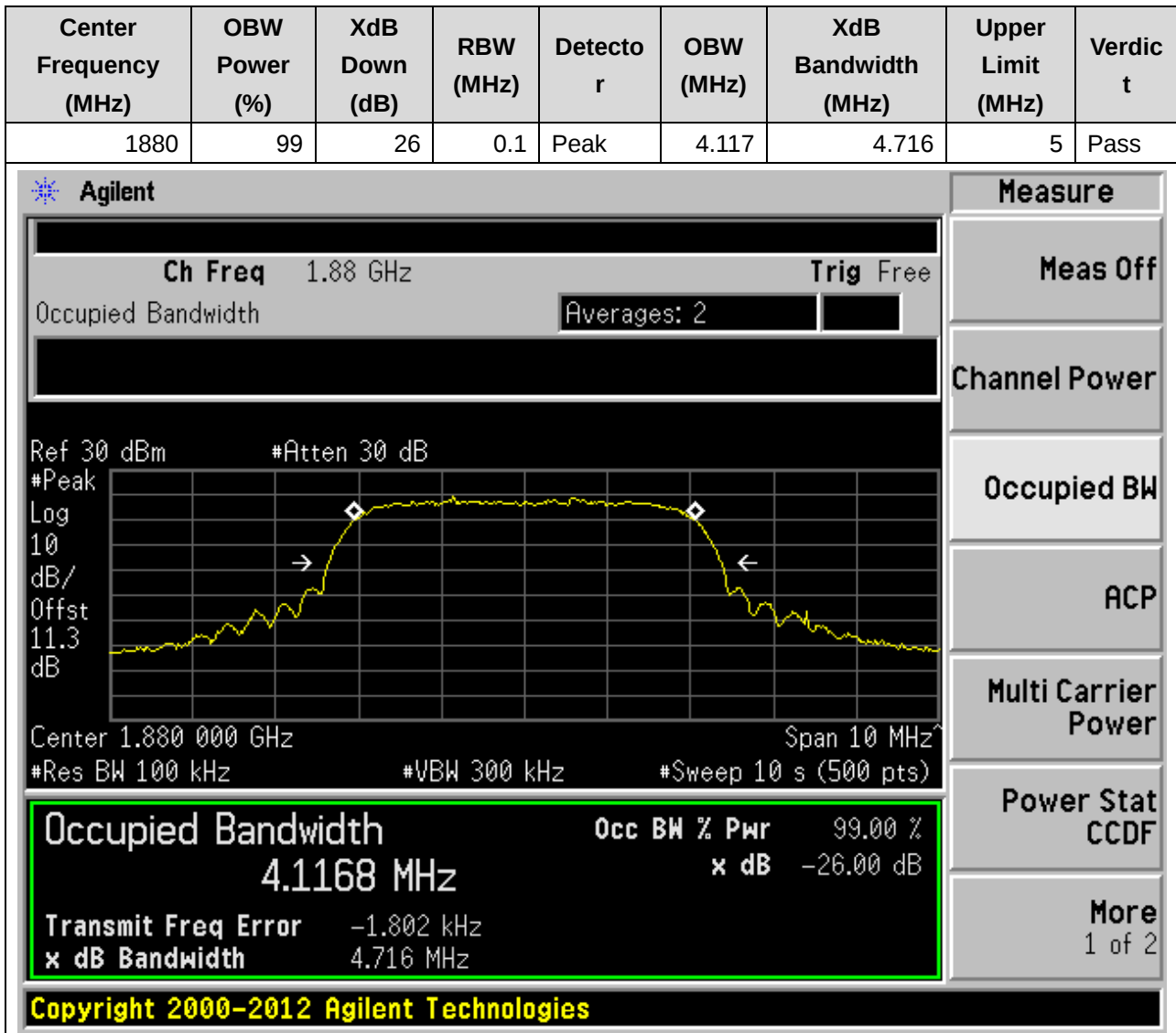
Annex A.3 Occupied Bandwidth

1. WCDMA_Band2

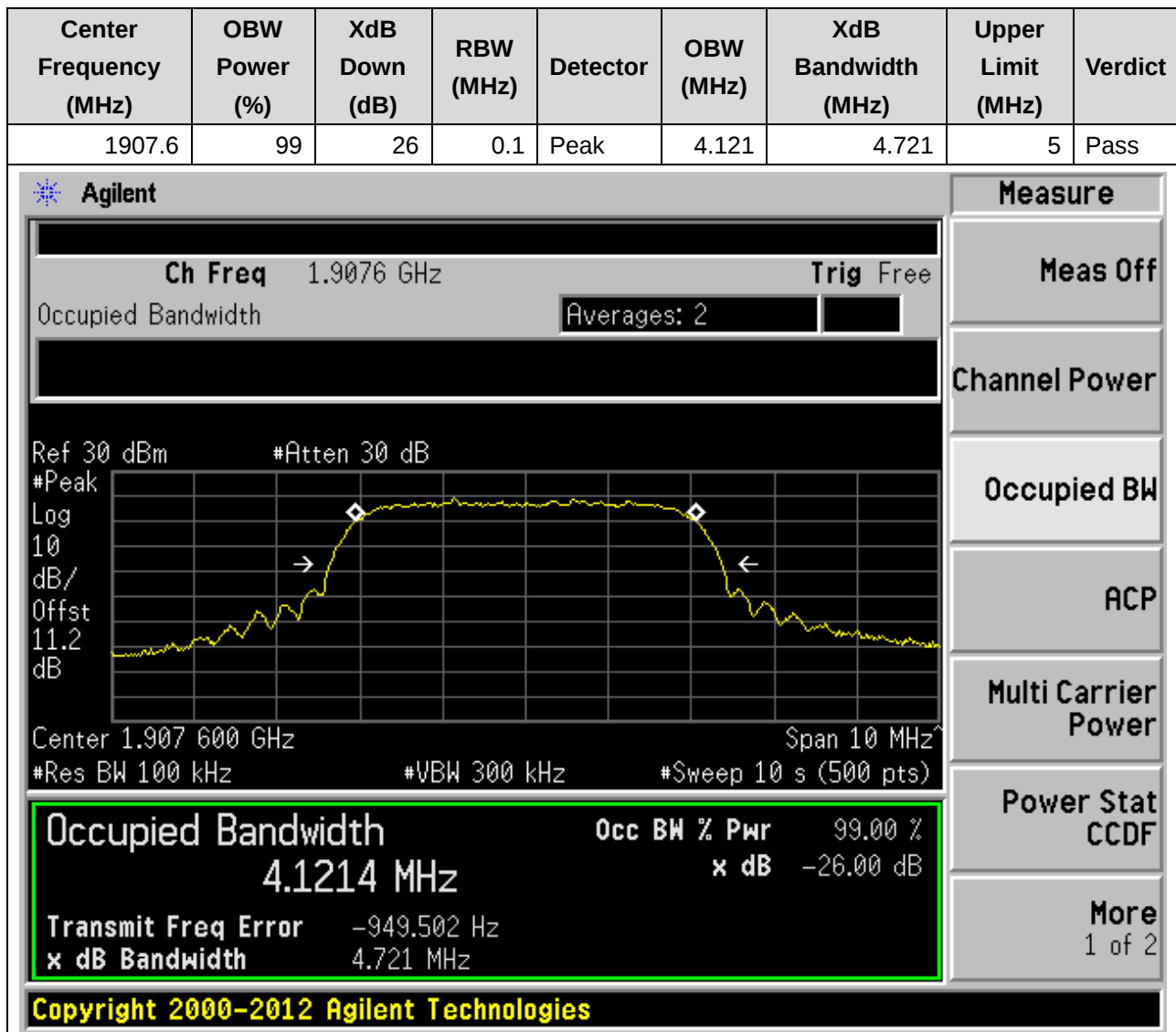
1.1. WCDMA Occupied Bandwidth(NTLV)(Channel:9262)



1.2. WCDMA Occupied Bandwidth(NTLV)(Channel:9400)

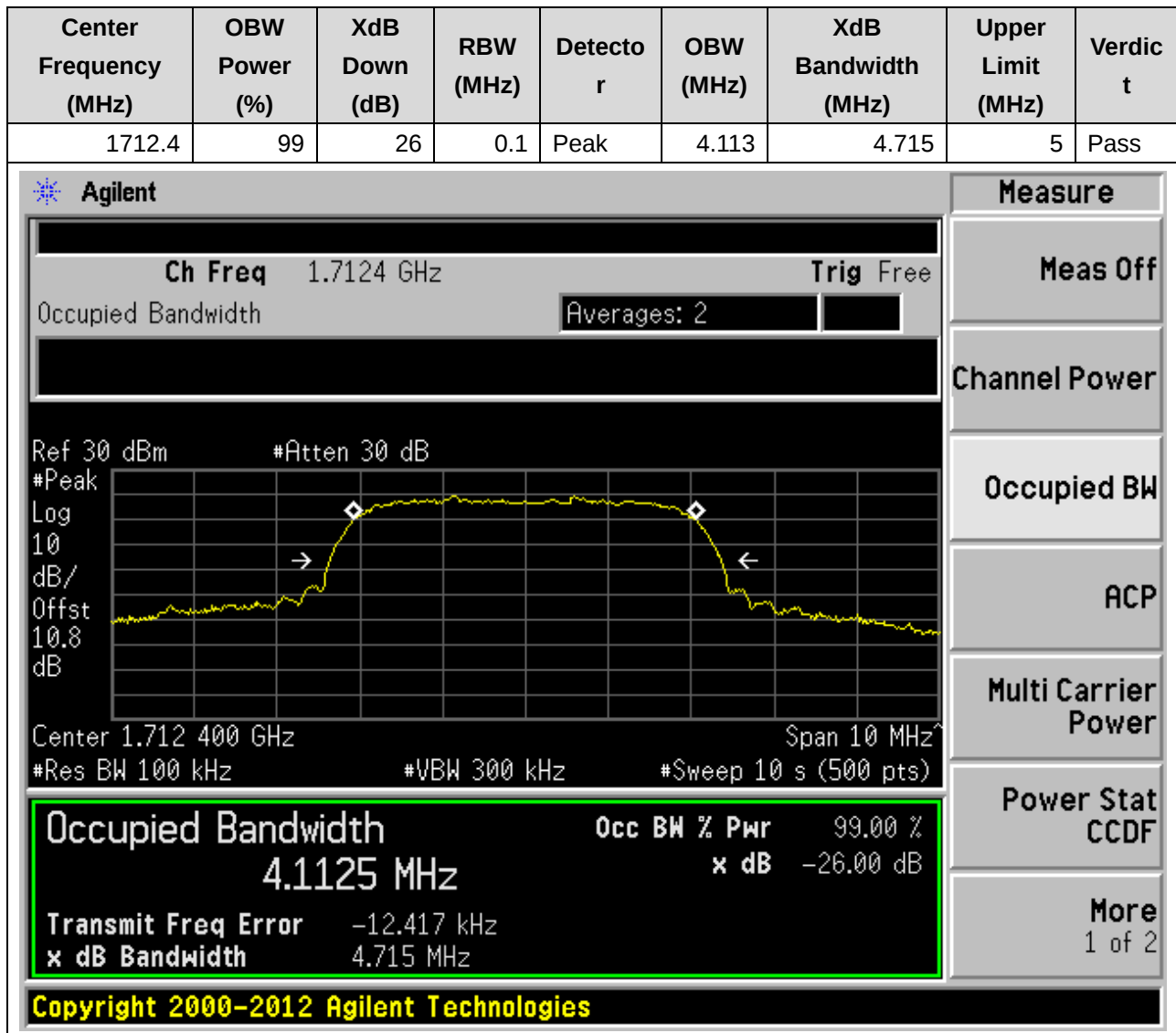


1.3. WCDMA Occupied Bandwidth(NTLV)(Channel:9538)

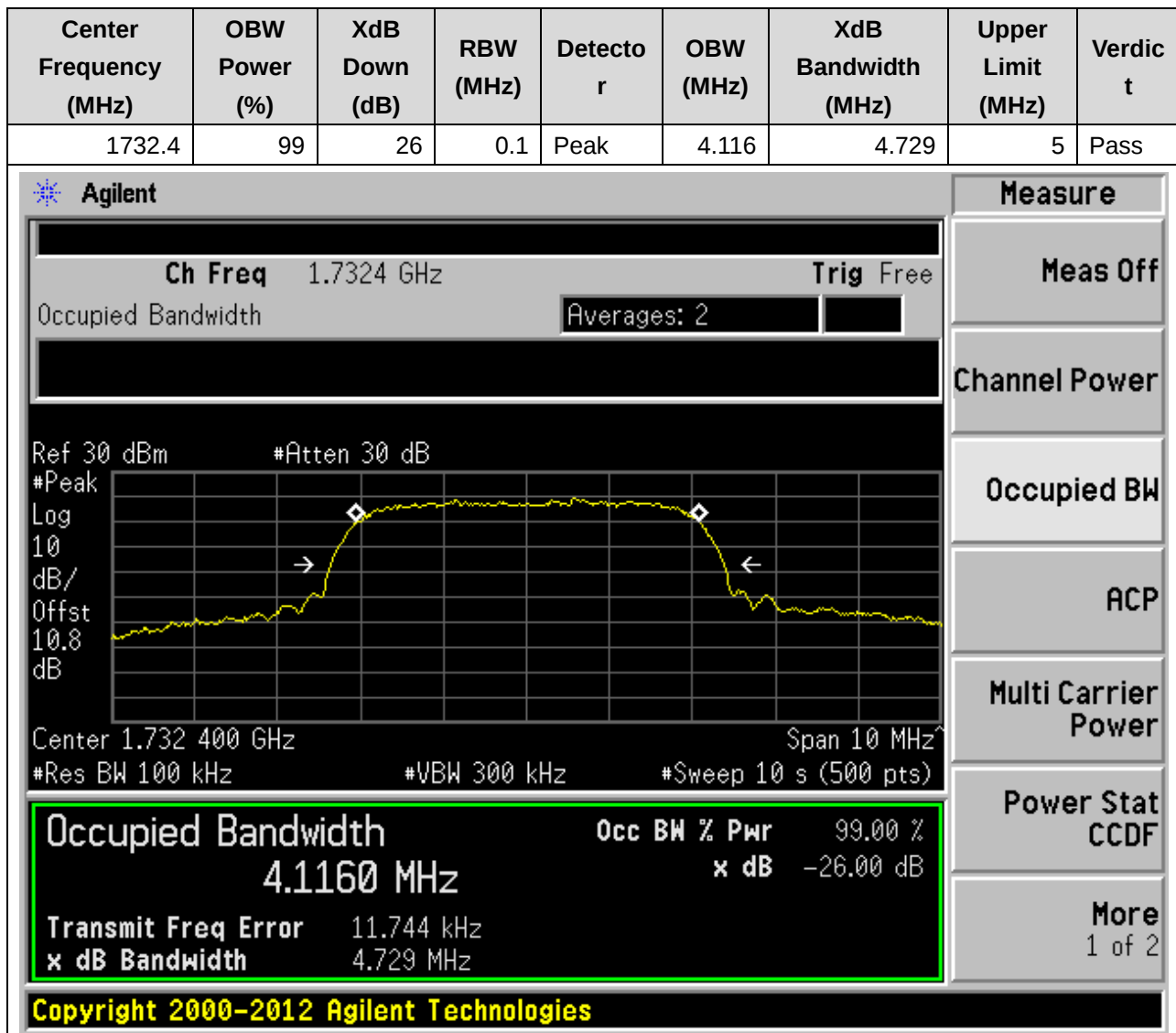


2. WCDMA_Band4

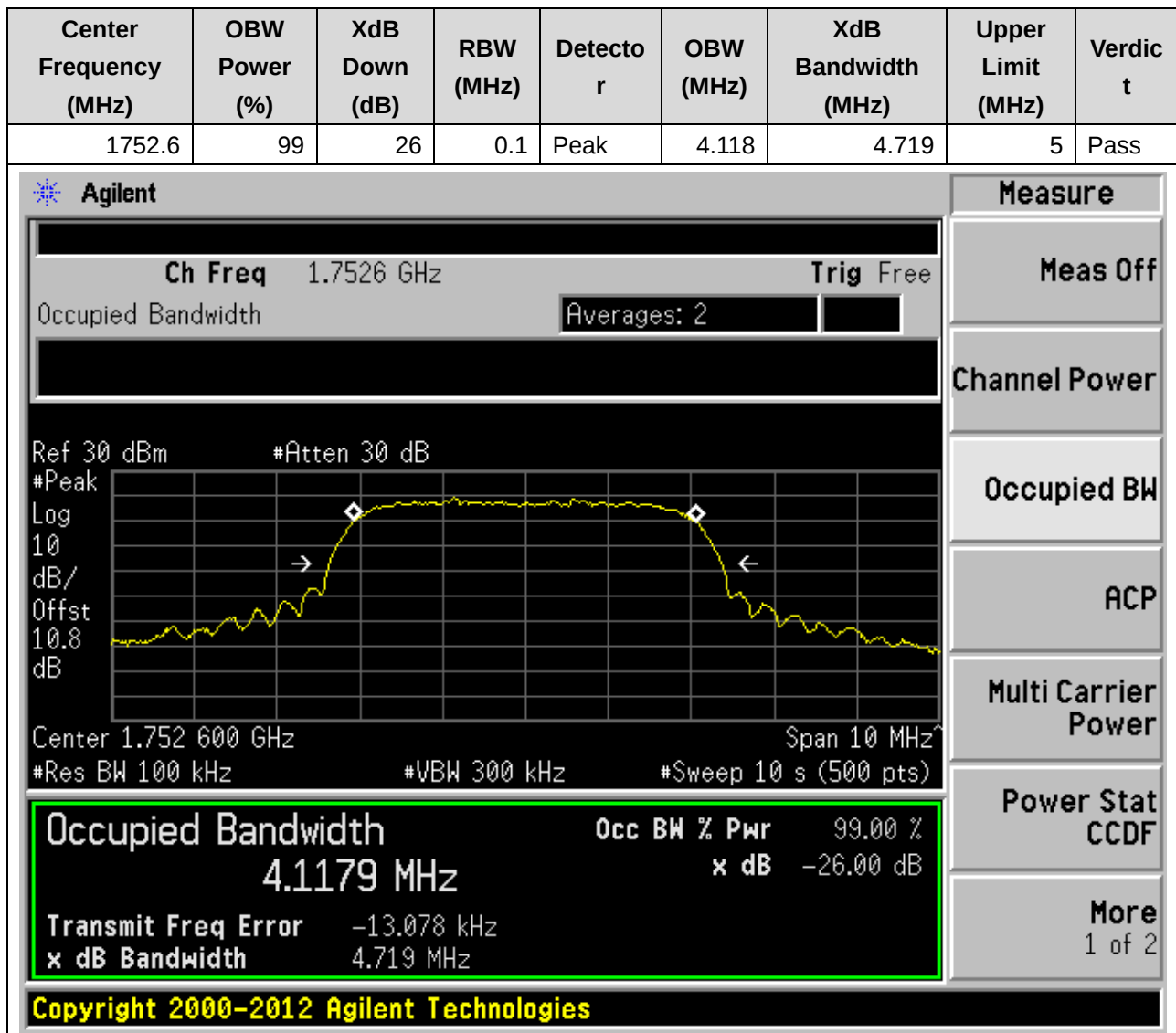
2.1. WCDMA Occupied Bandwidth(NTNV)(Channel:1312)



2.2. WCDMA Occupied Bandwidth(NTNV)(Channel:1412)

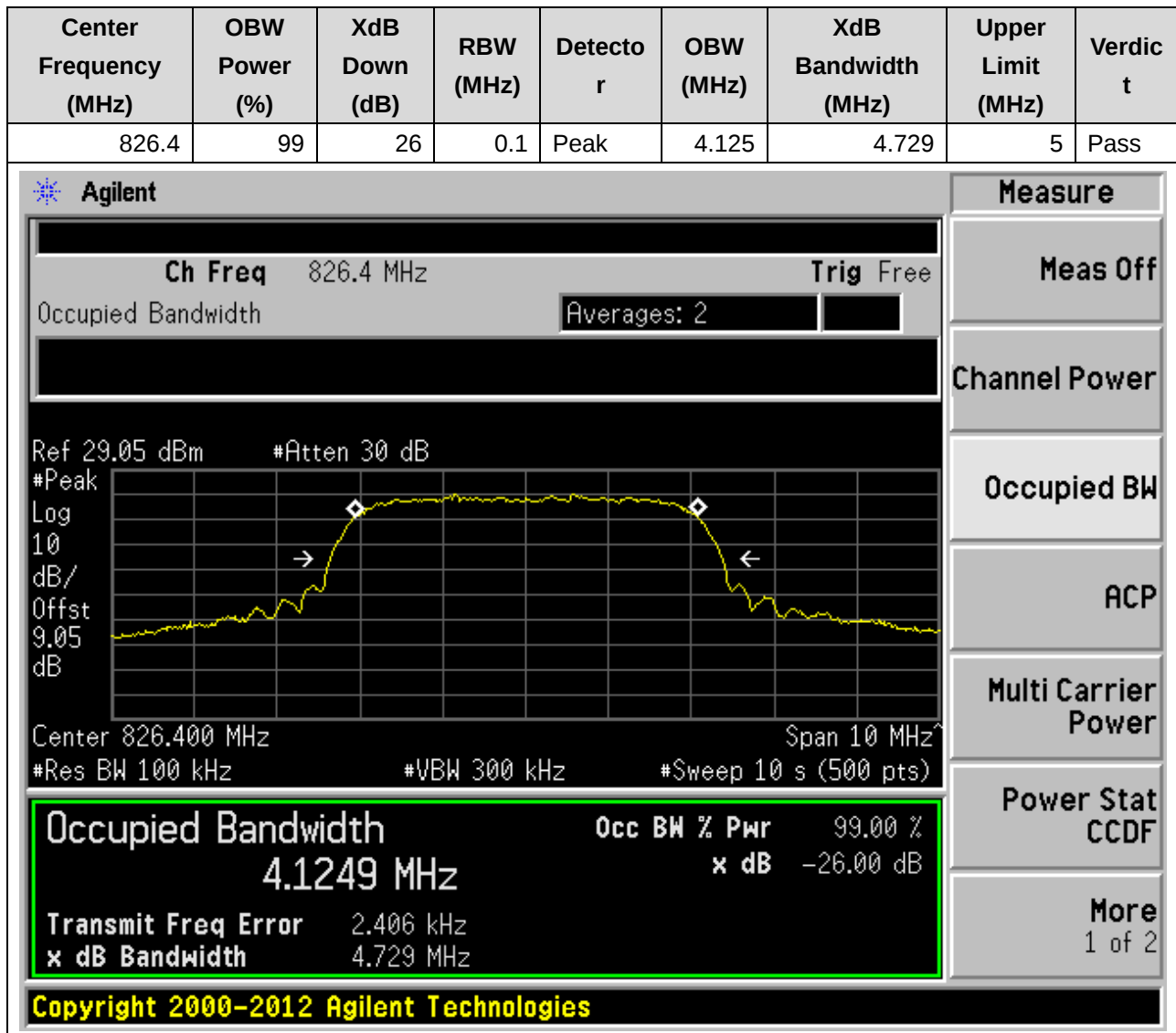


2.3. WCDMA Occupied Bandwidth(NTNV)(Channel:1513)

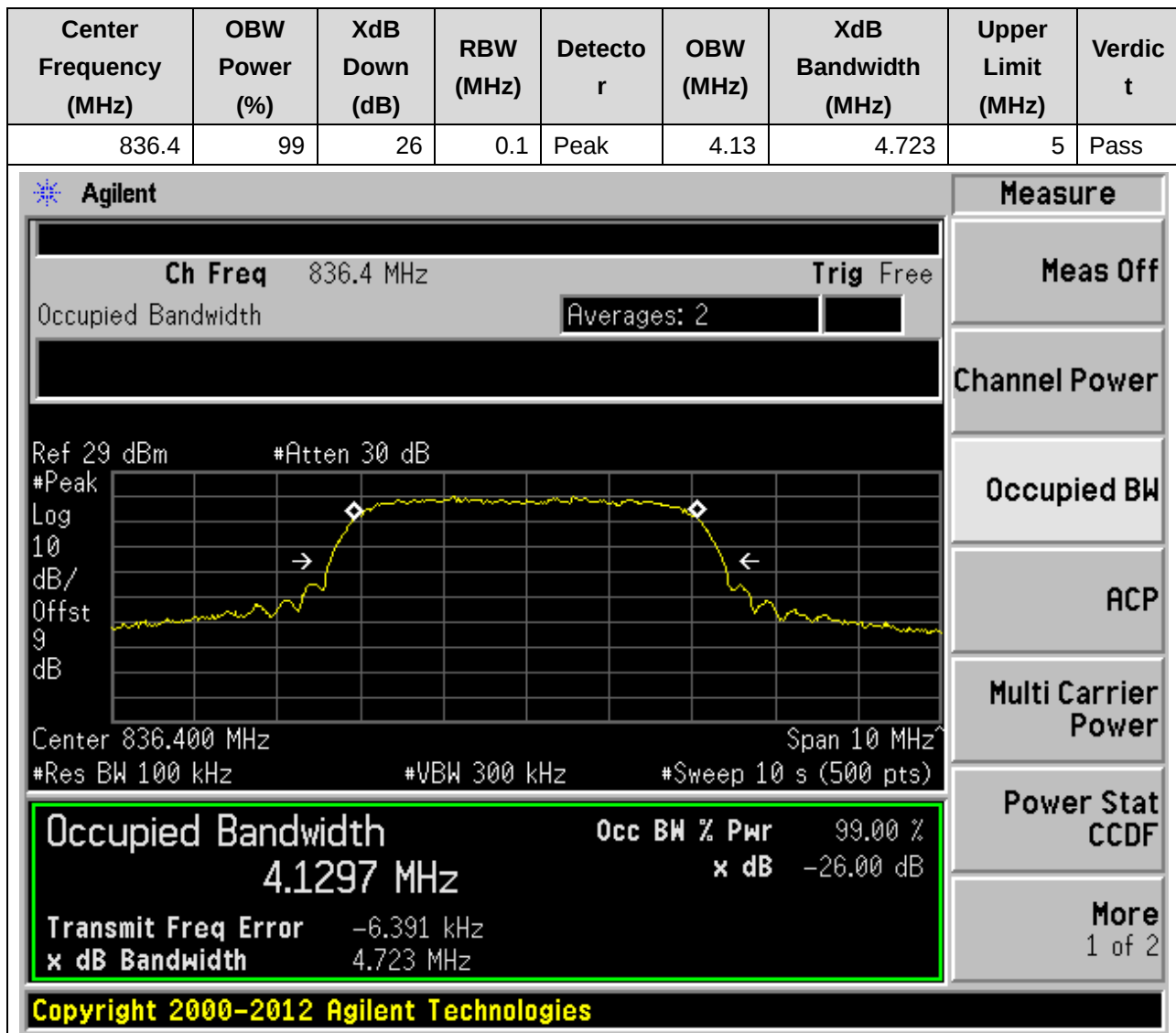


3. WCDMA_Band5

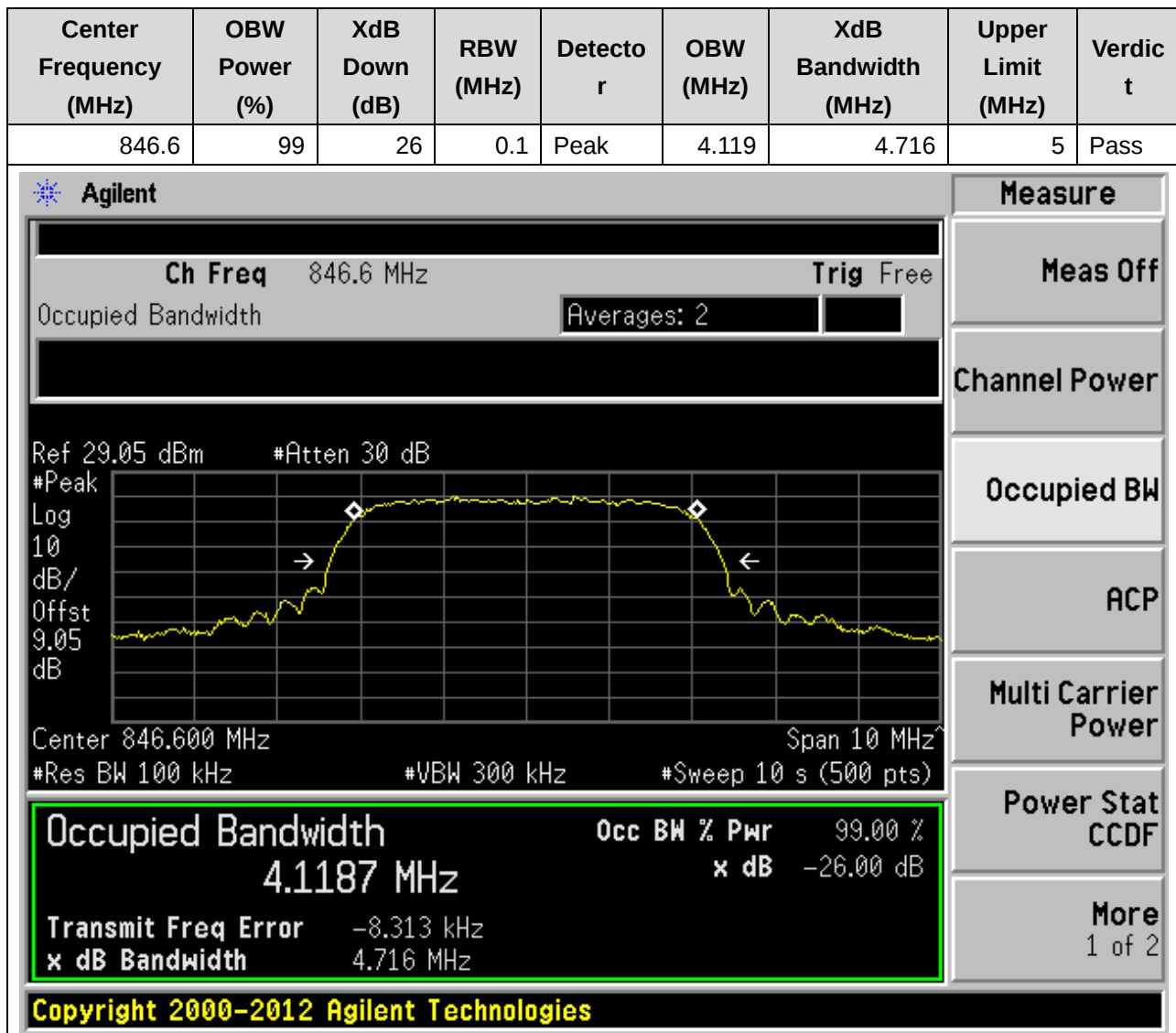
3.1. WCDMA Occupied Bandwidth(NTNV)(Channel:4132)



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

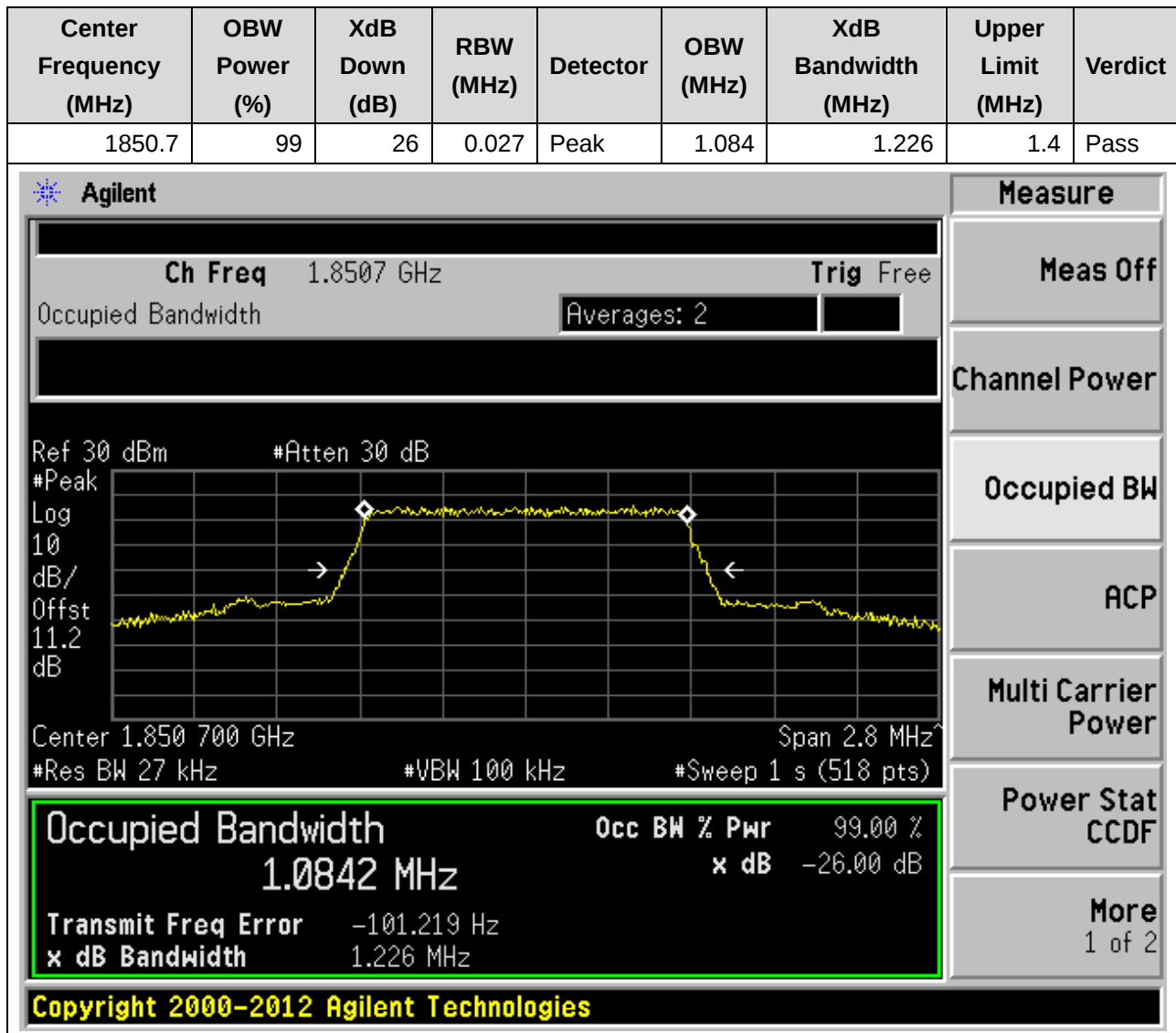


3.3. WCDMA Occupied Bandwidth(NTNV)(Channel:4233)

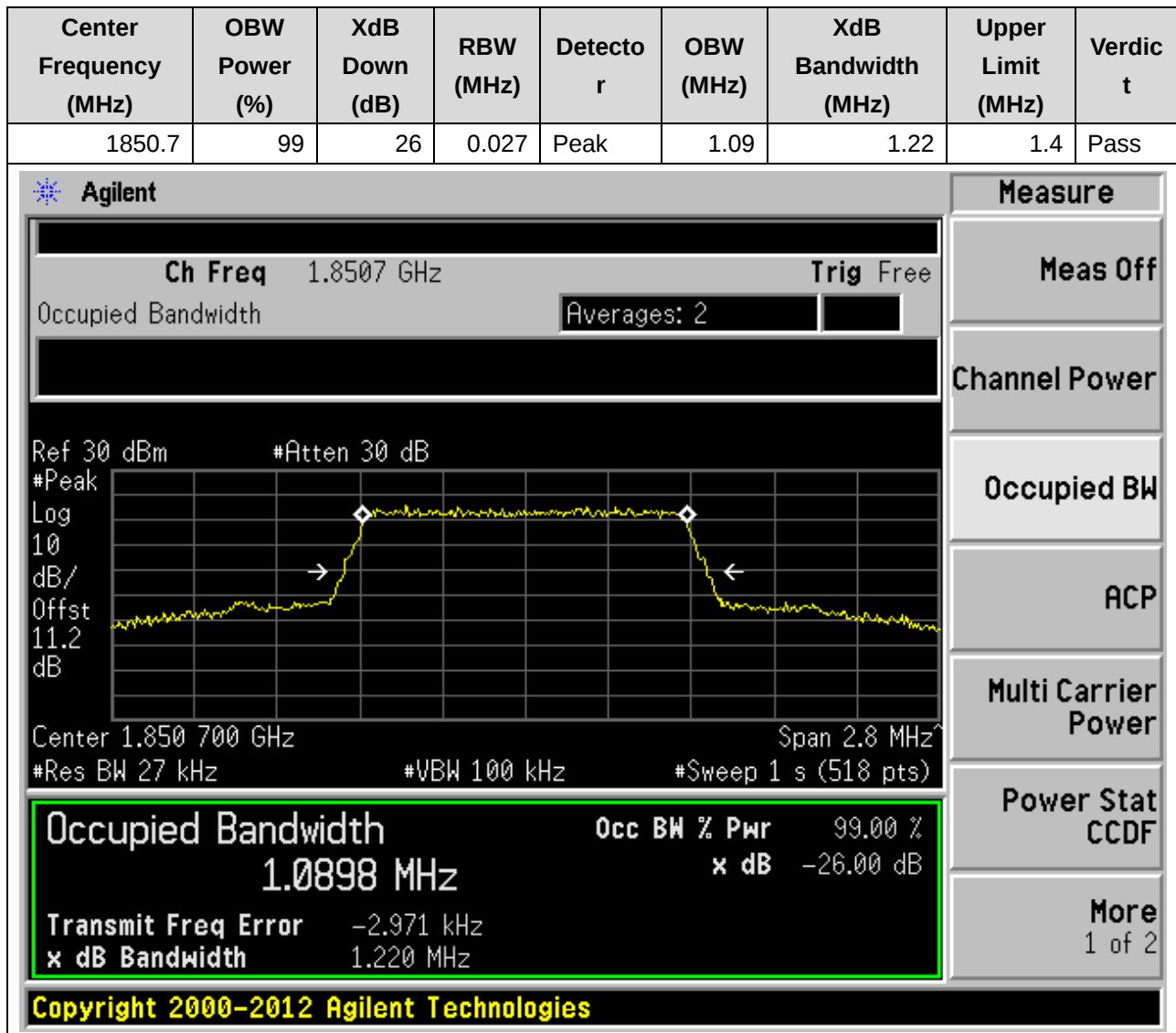


4. LTE_Band2

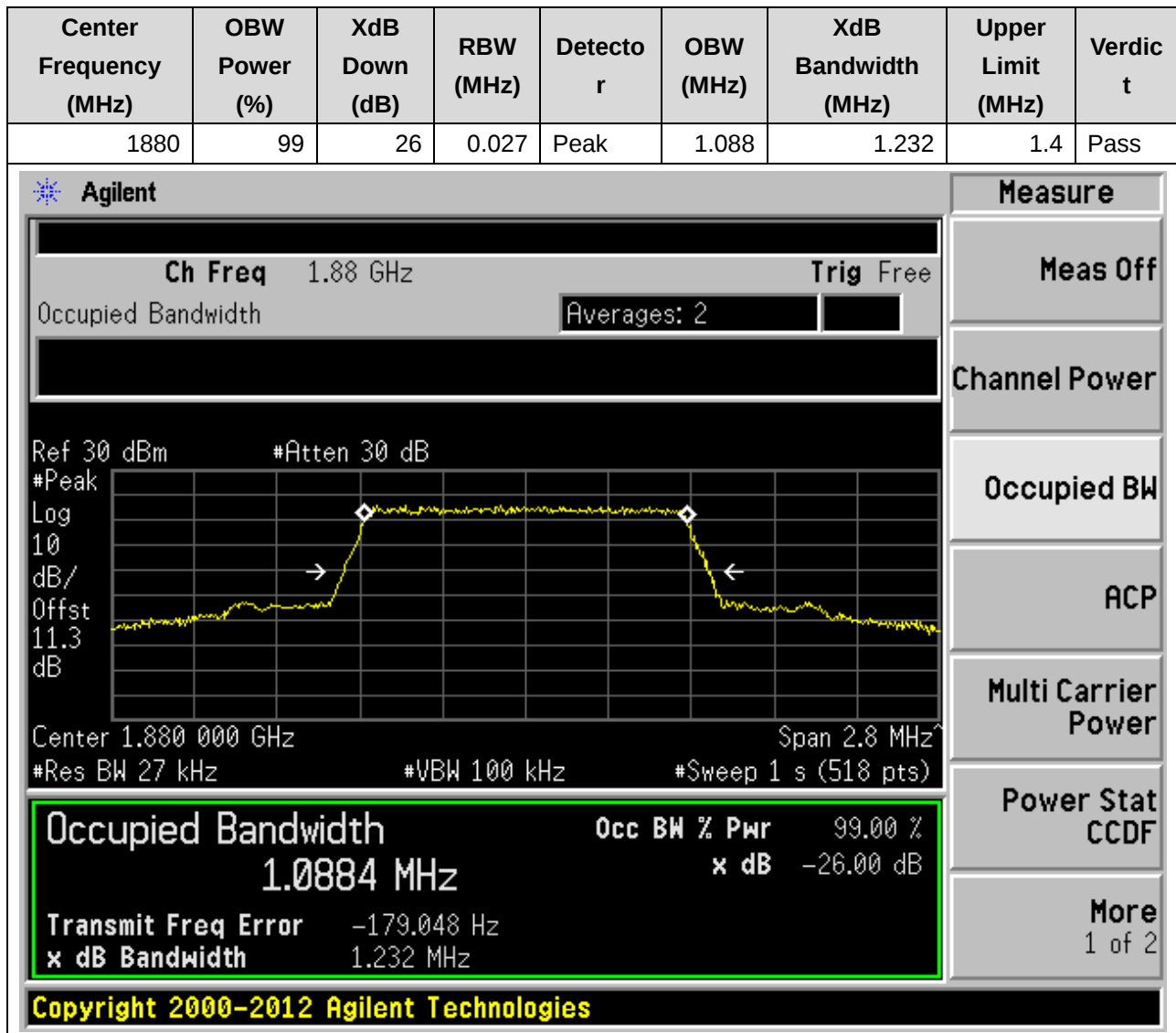
4.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



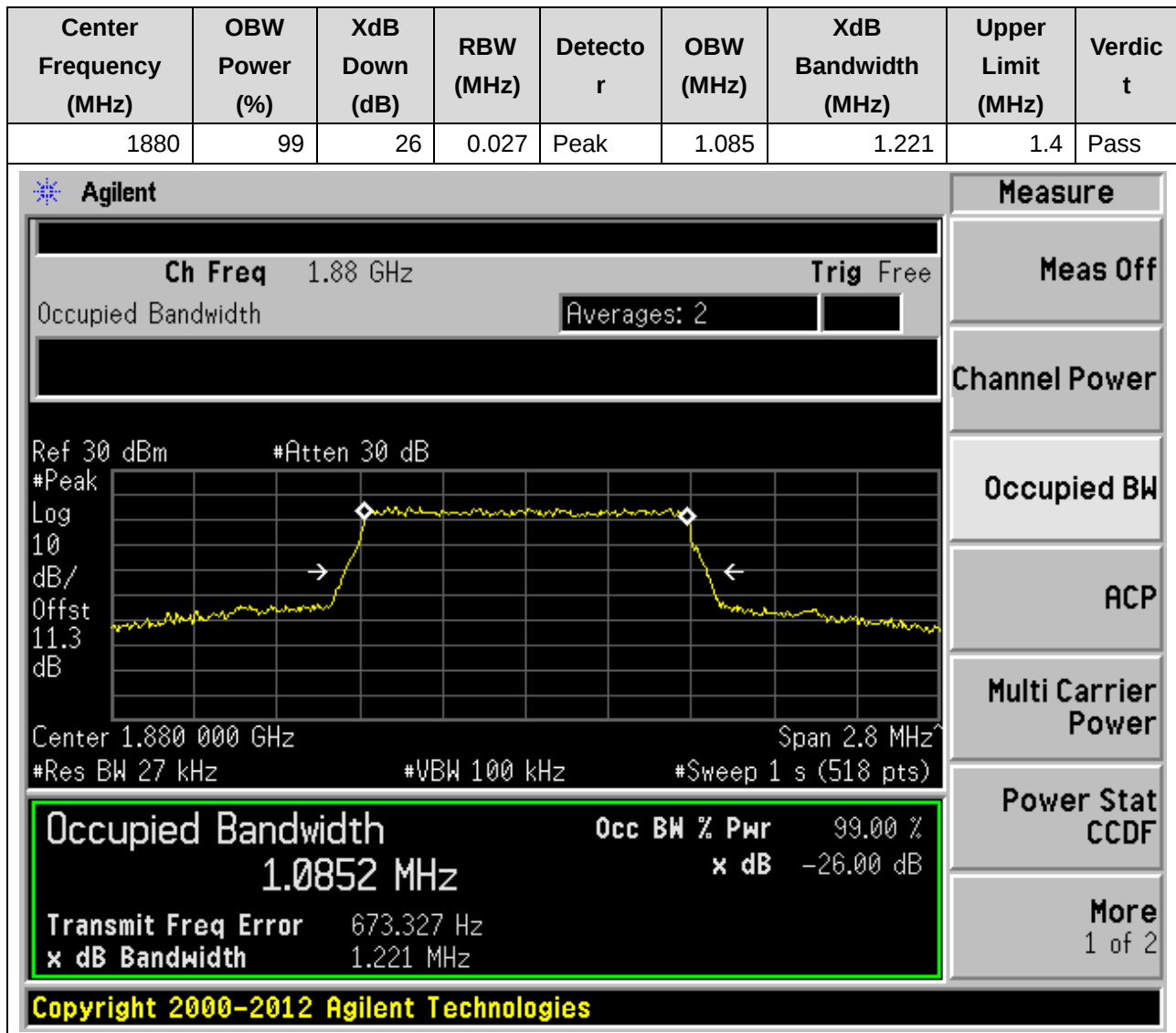
4.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



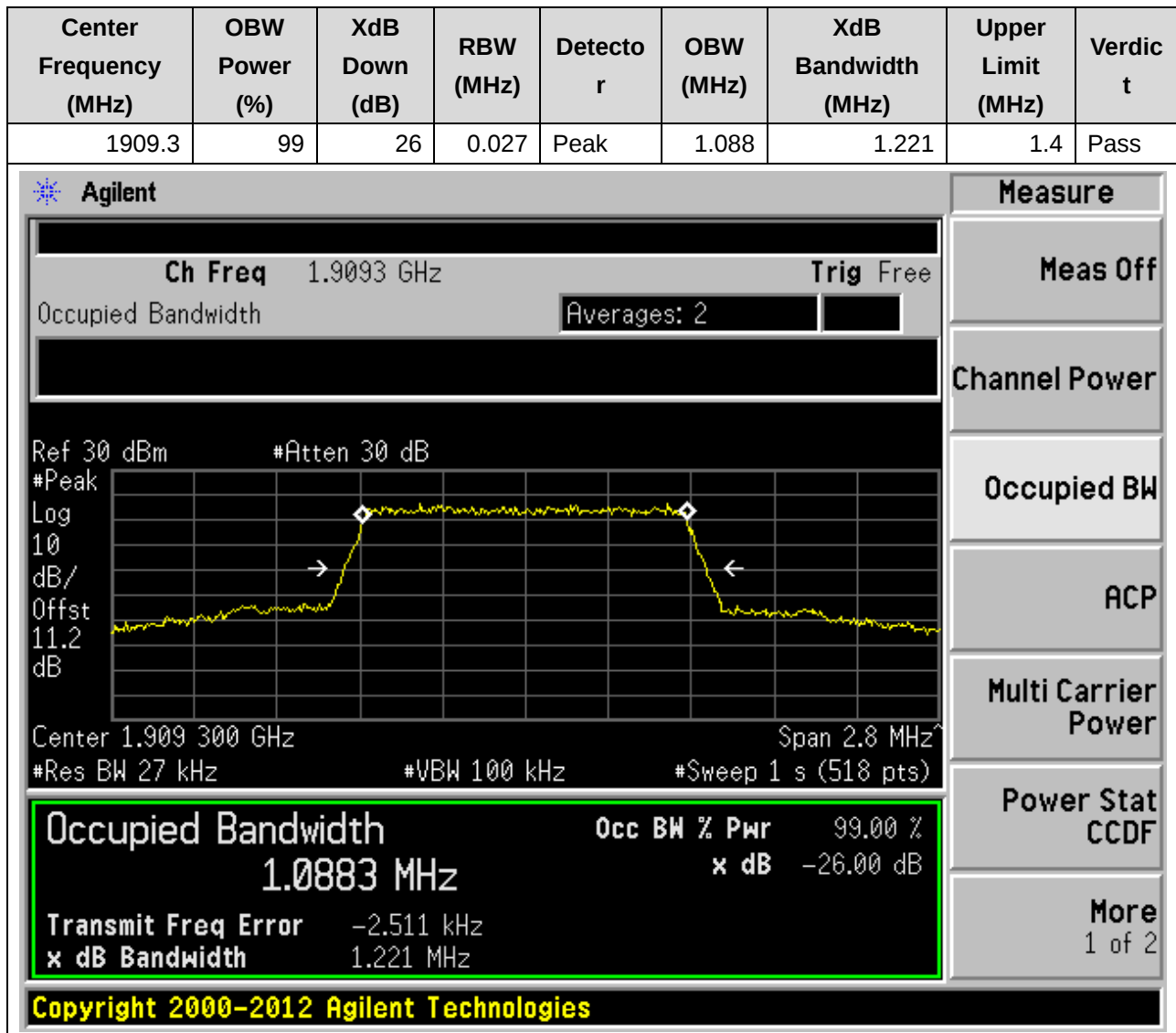
4.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



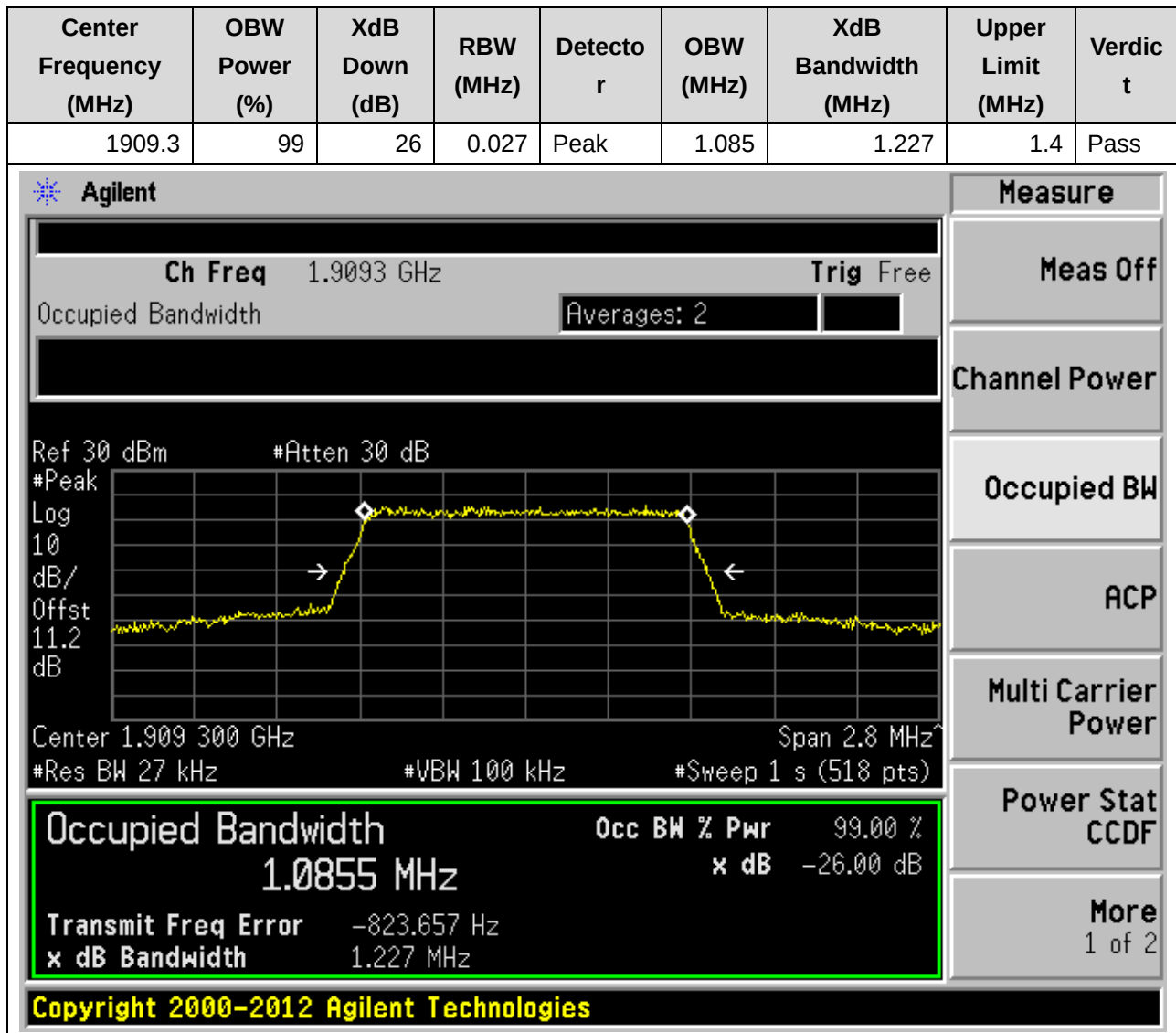
4.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



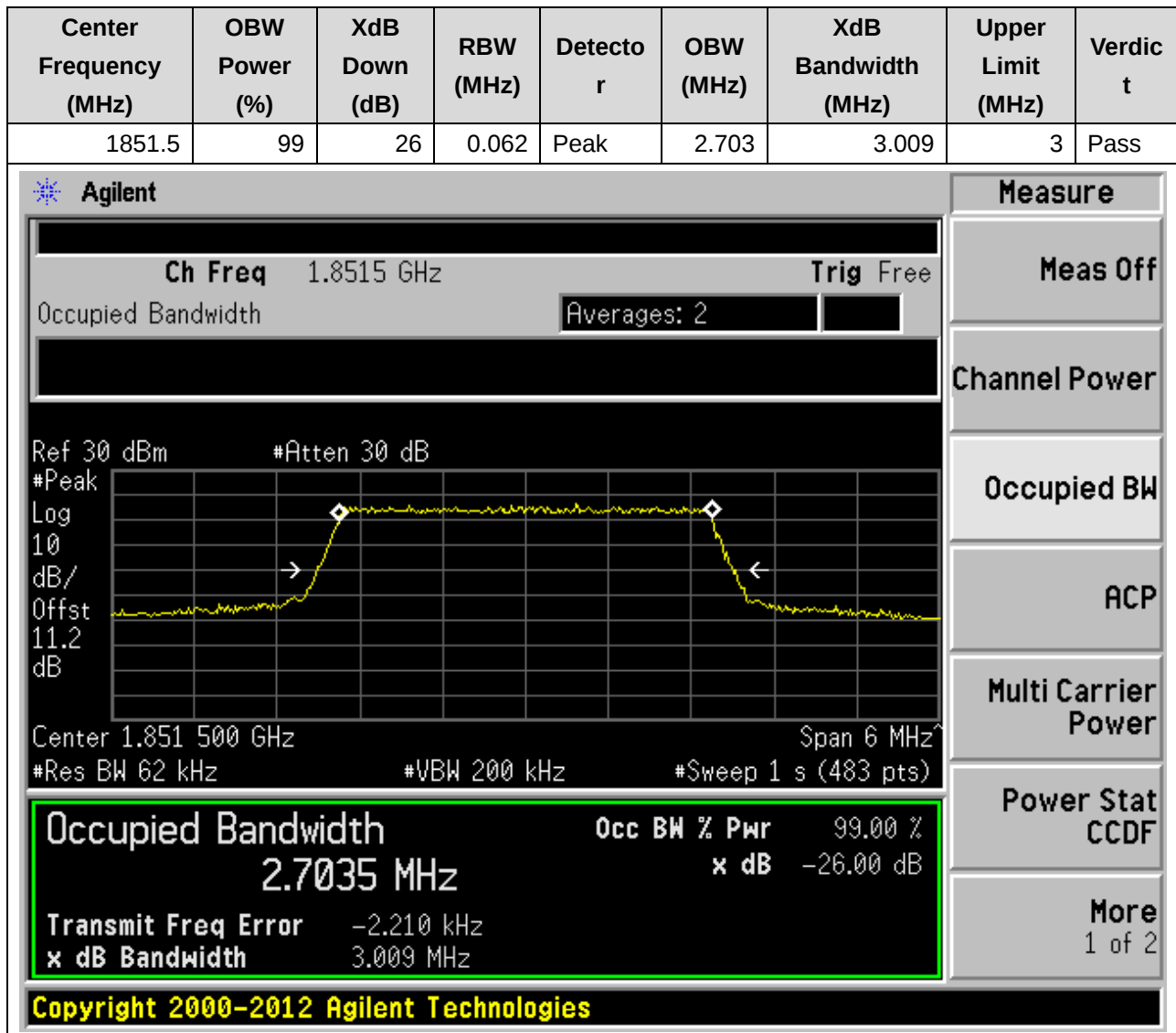
4.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



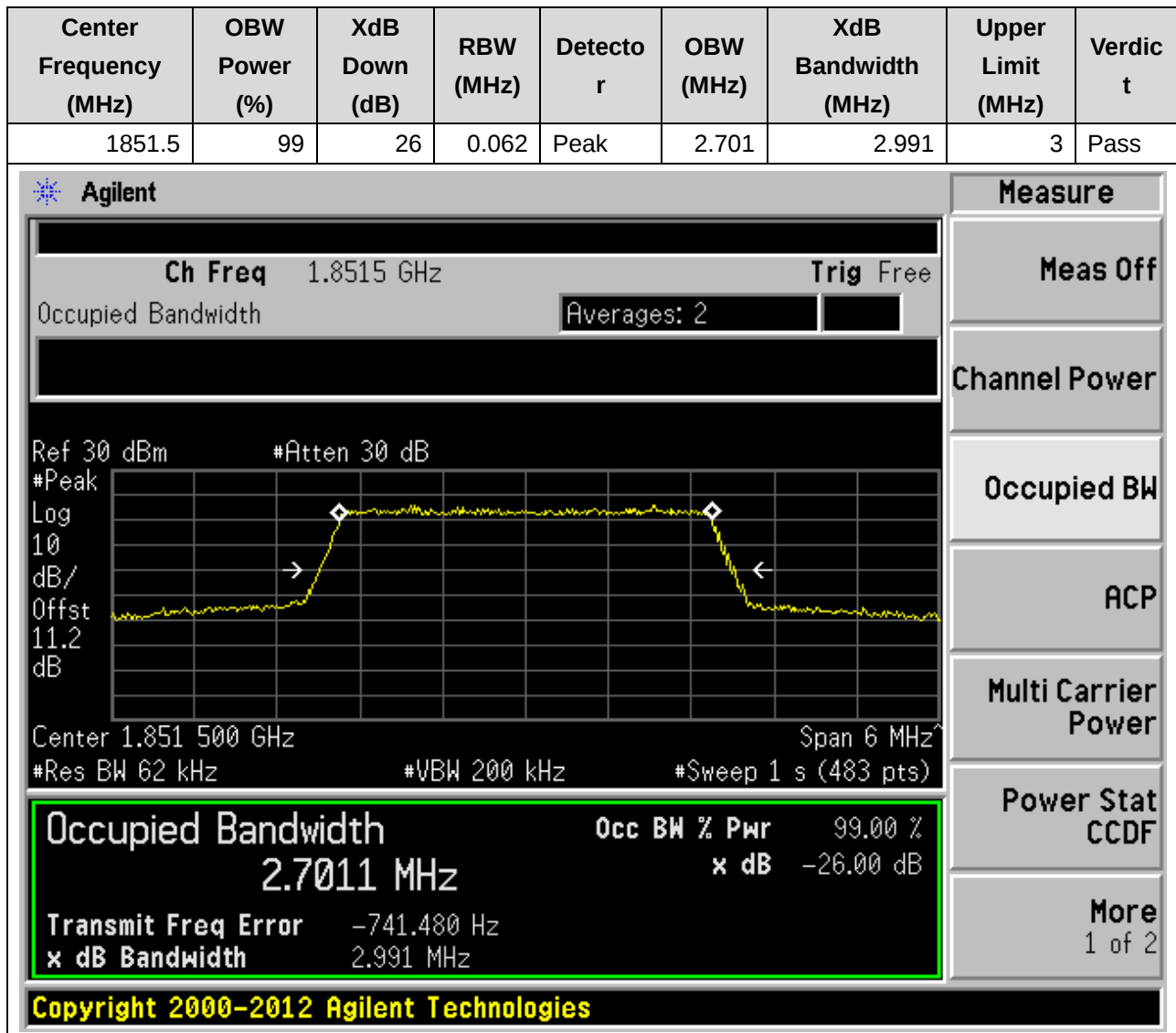
4.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



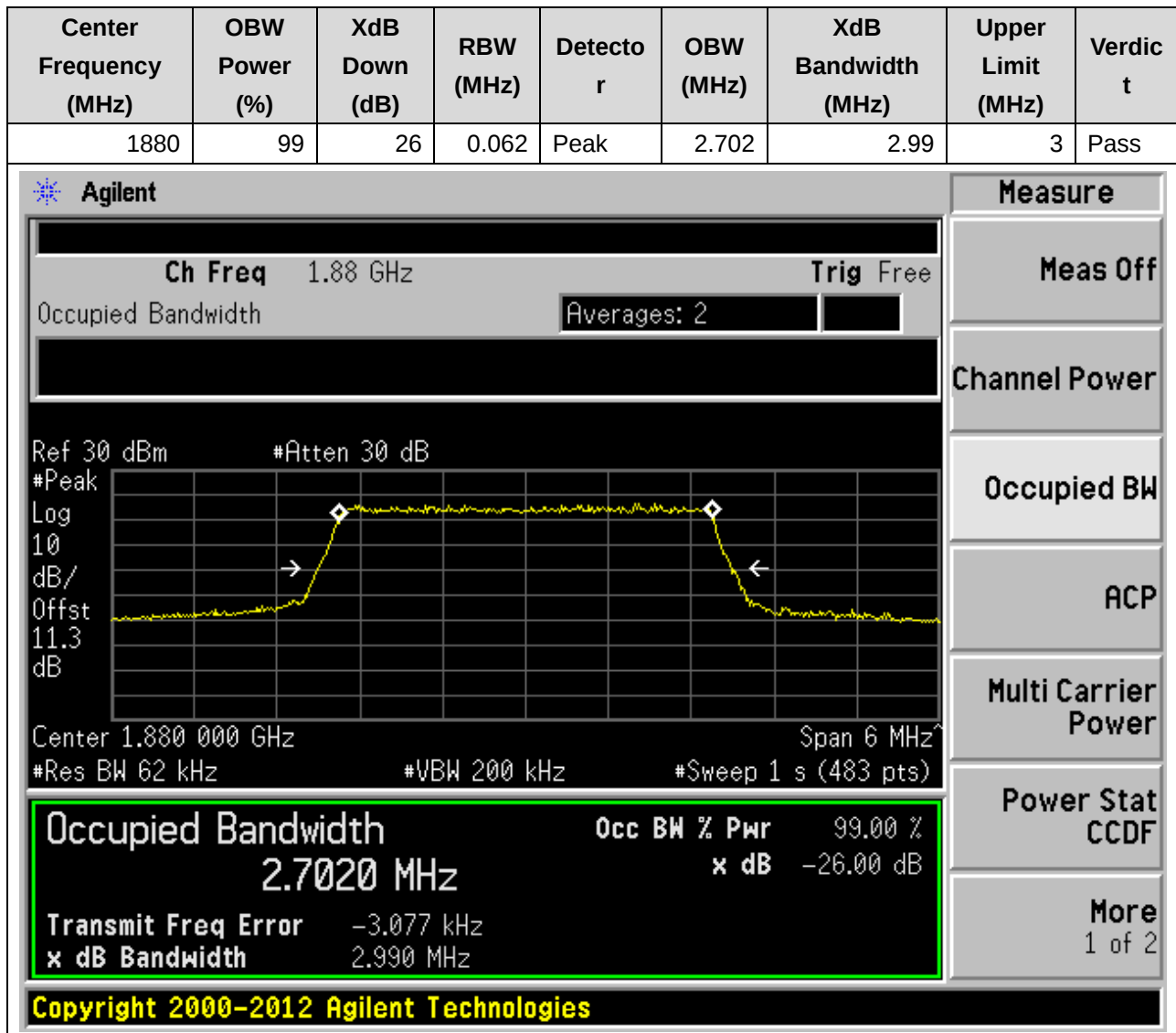
4.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



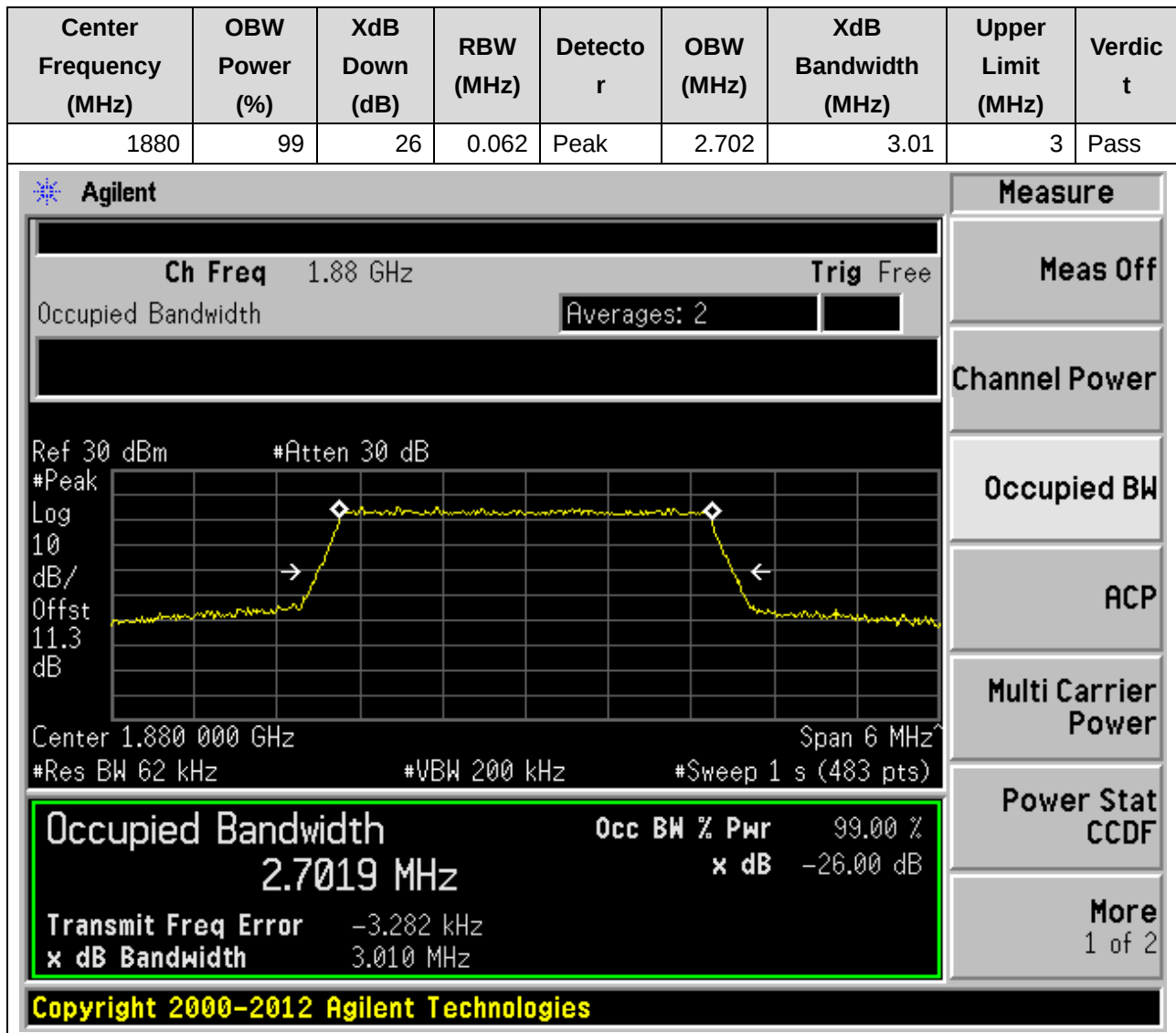
4.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



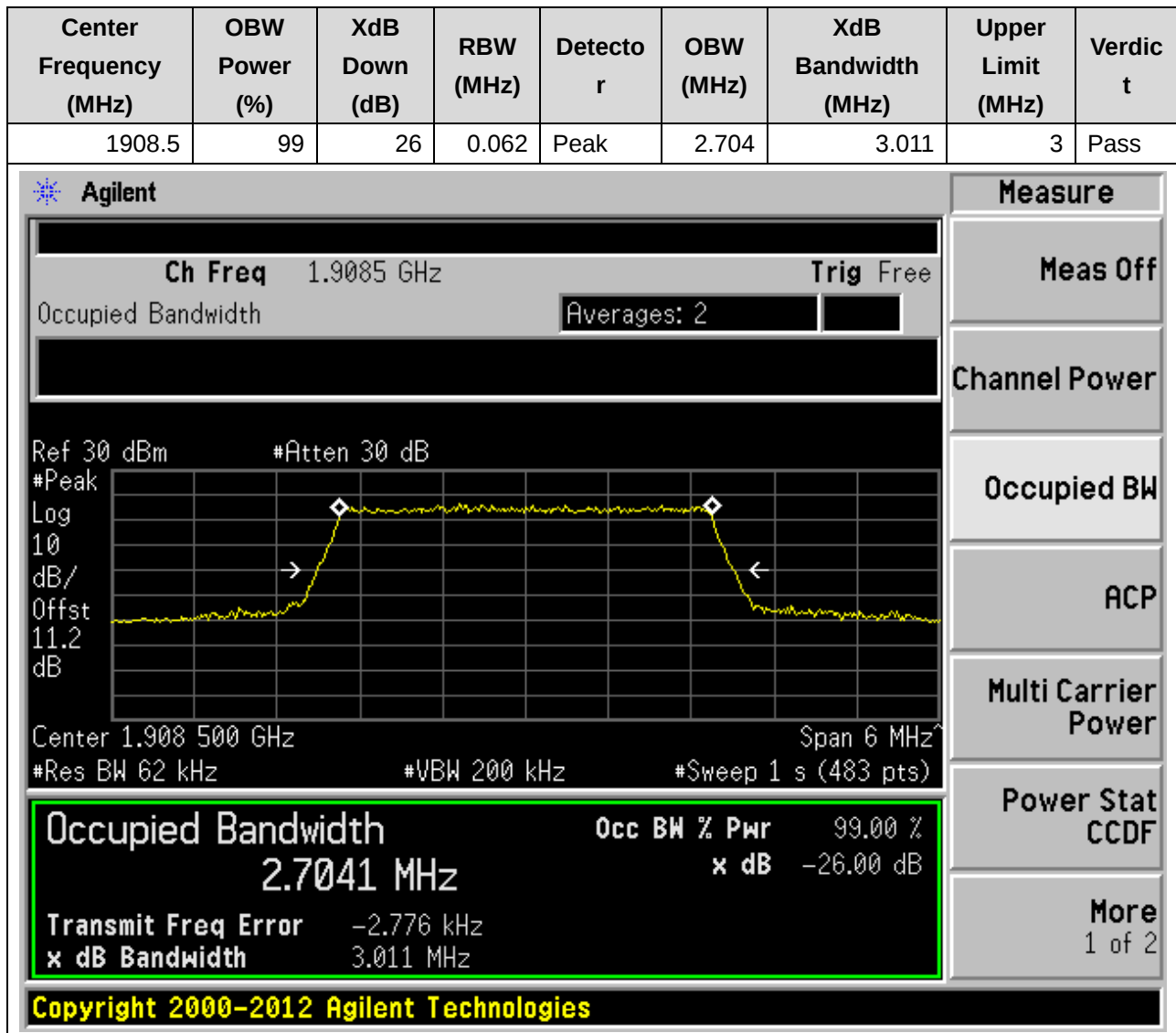
4.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



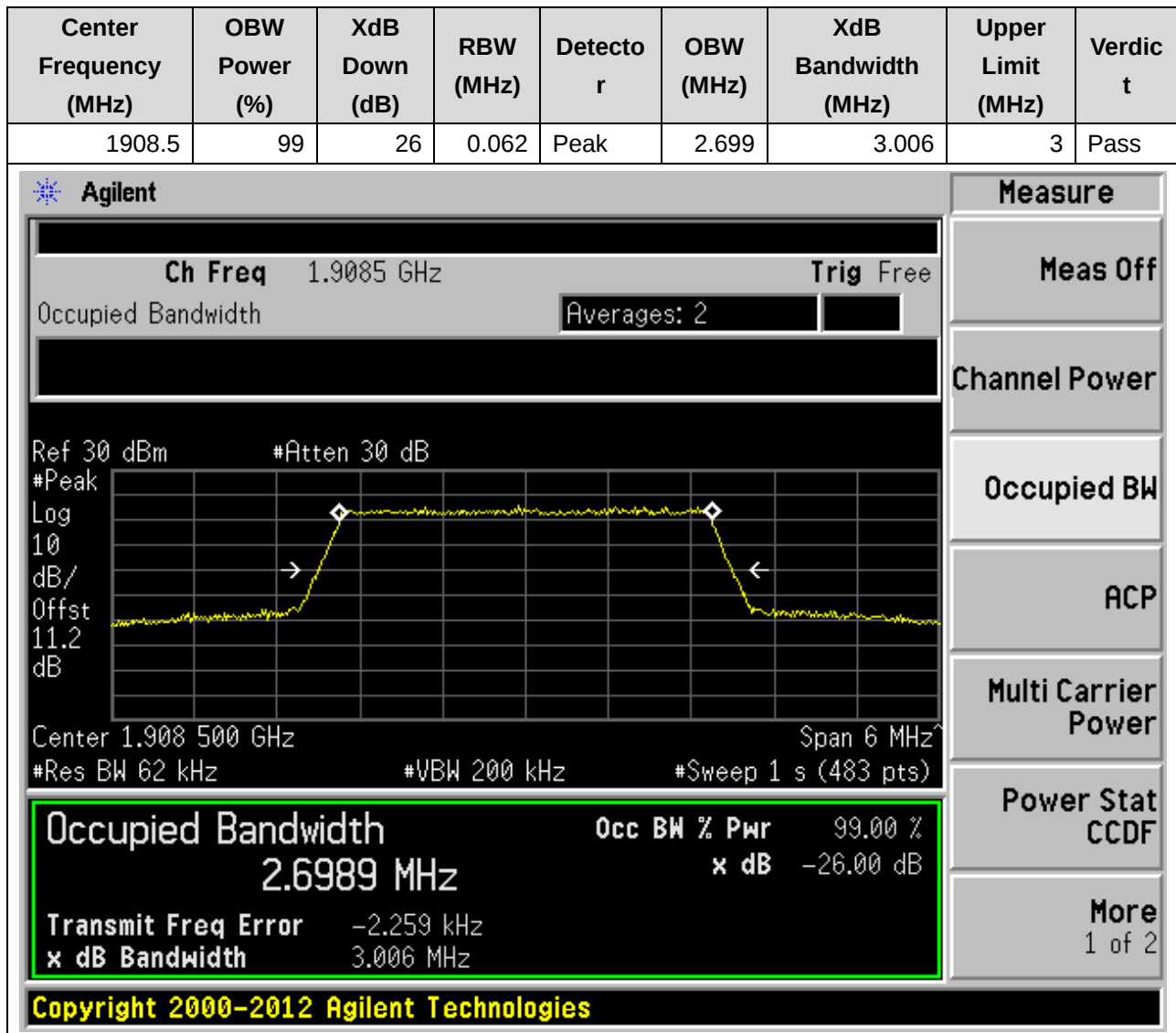
4.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



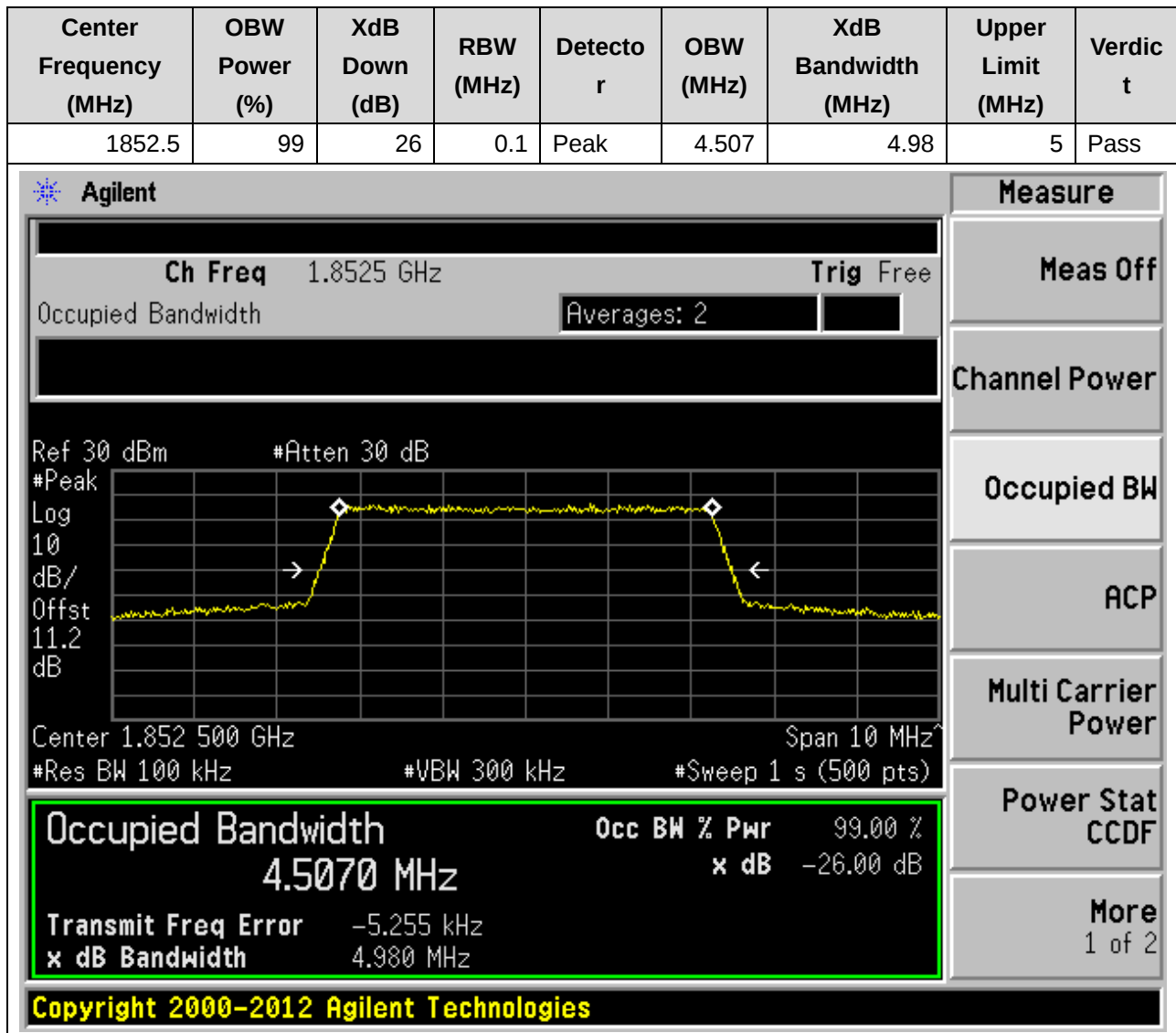
4.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



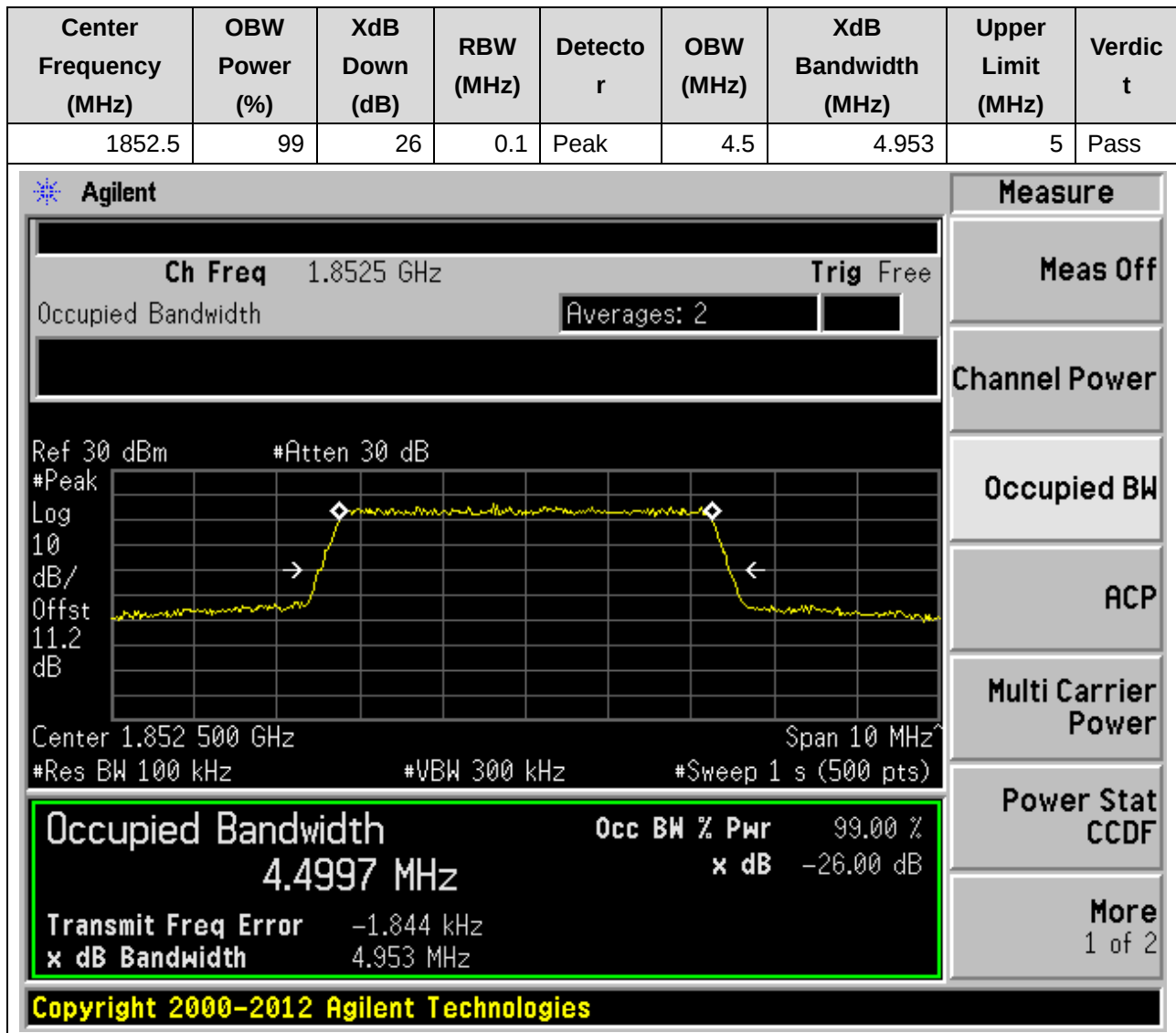
4.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



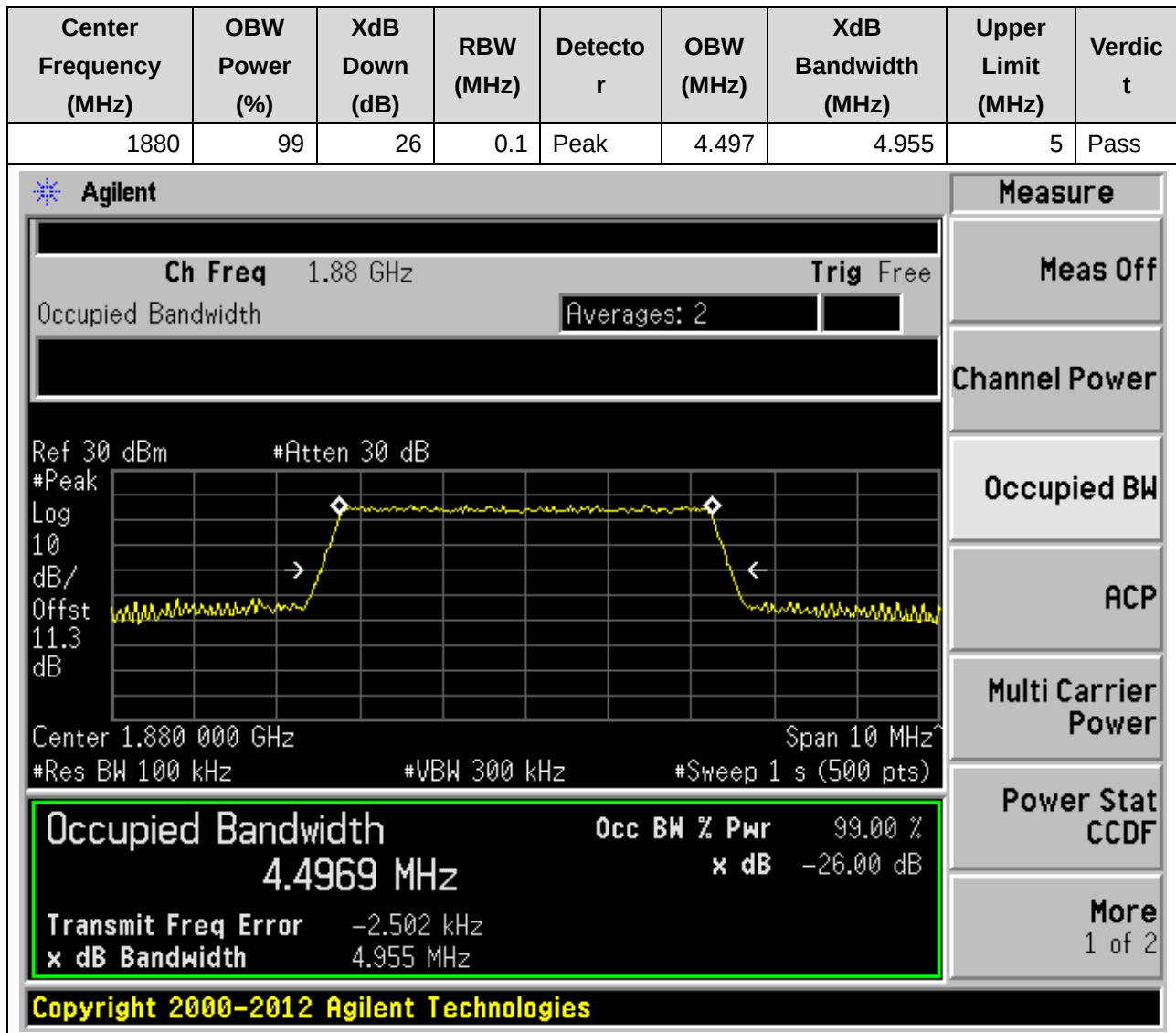
4.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



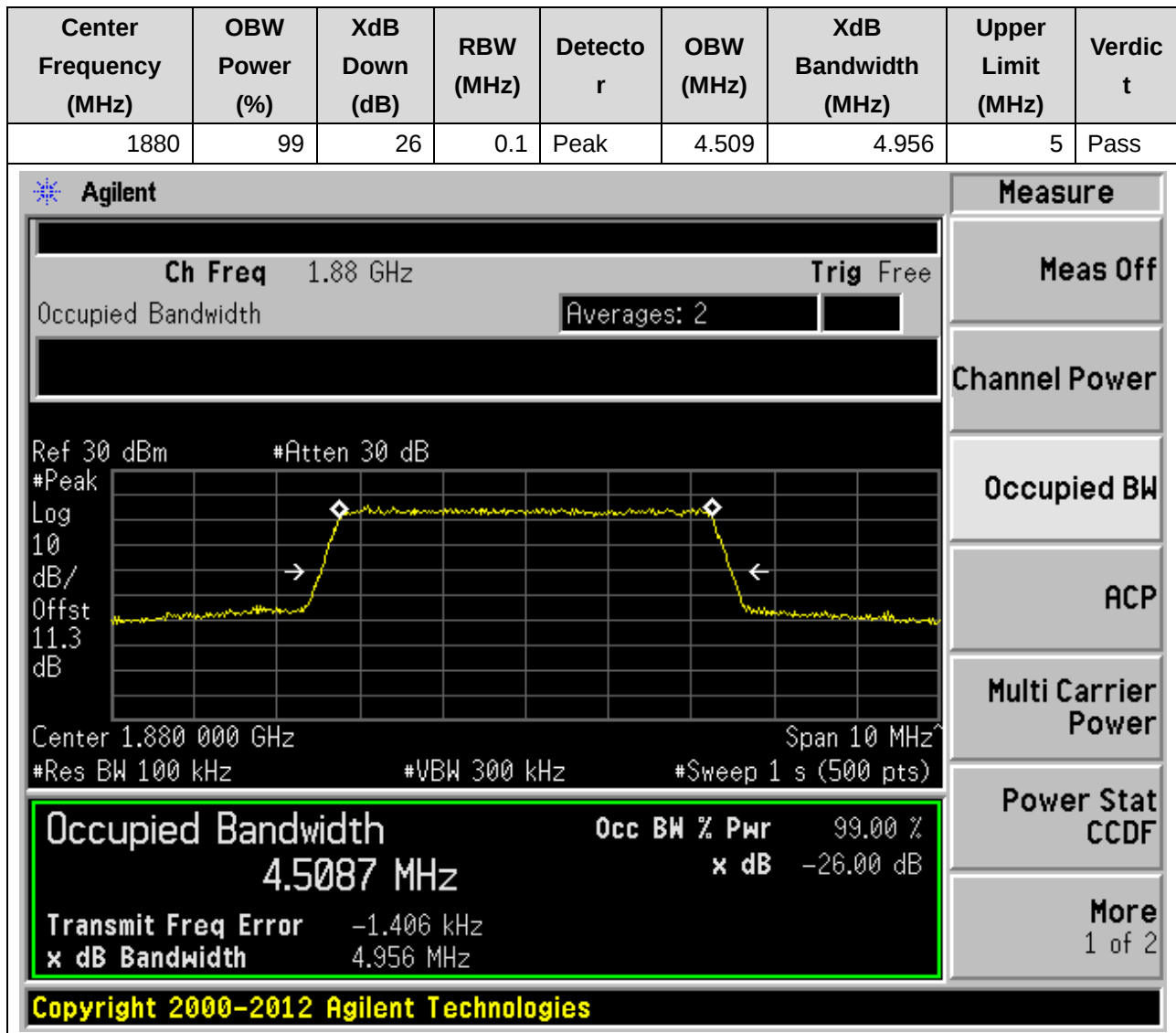
4.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



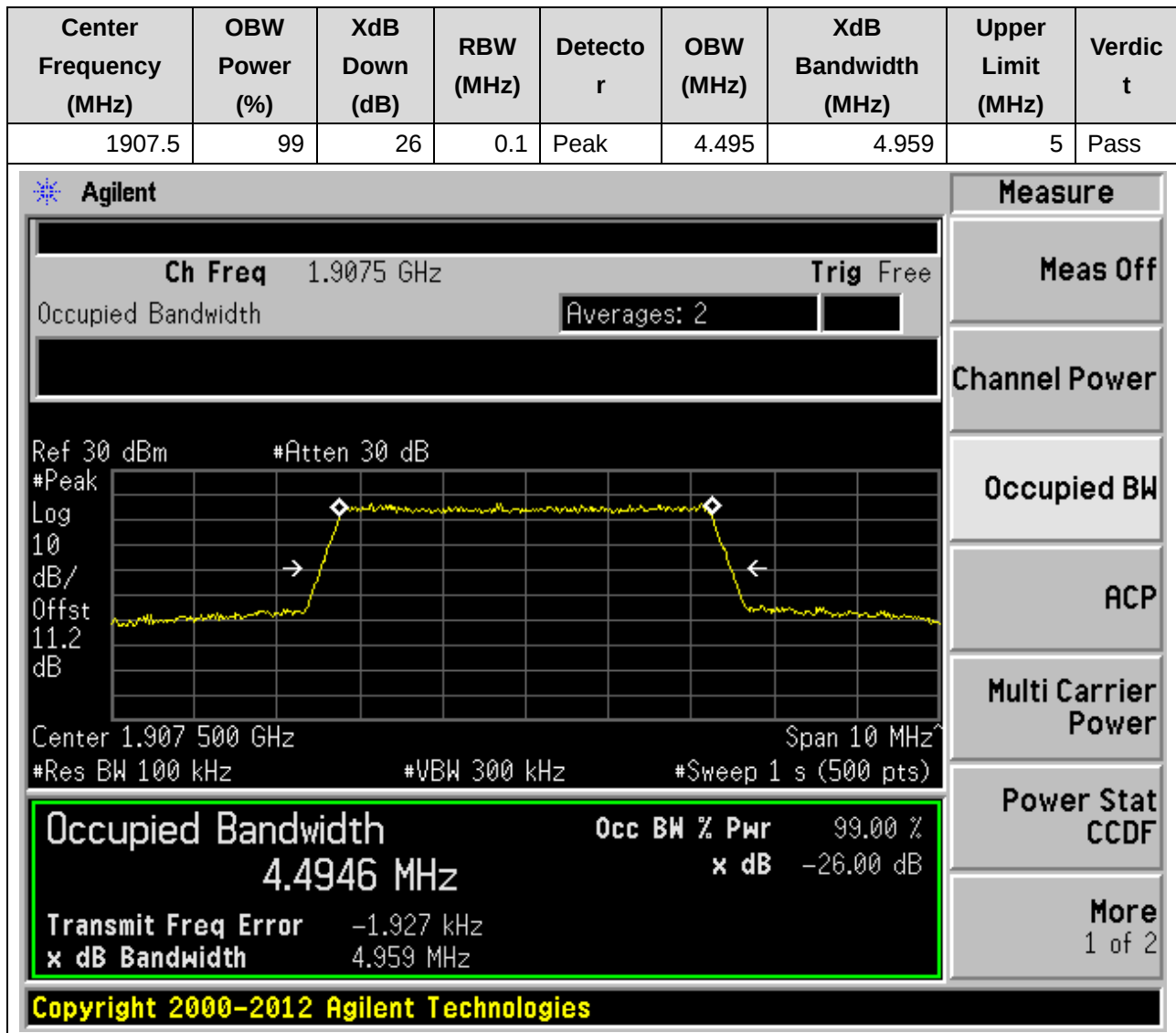
4.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



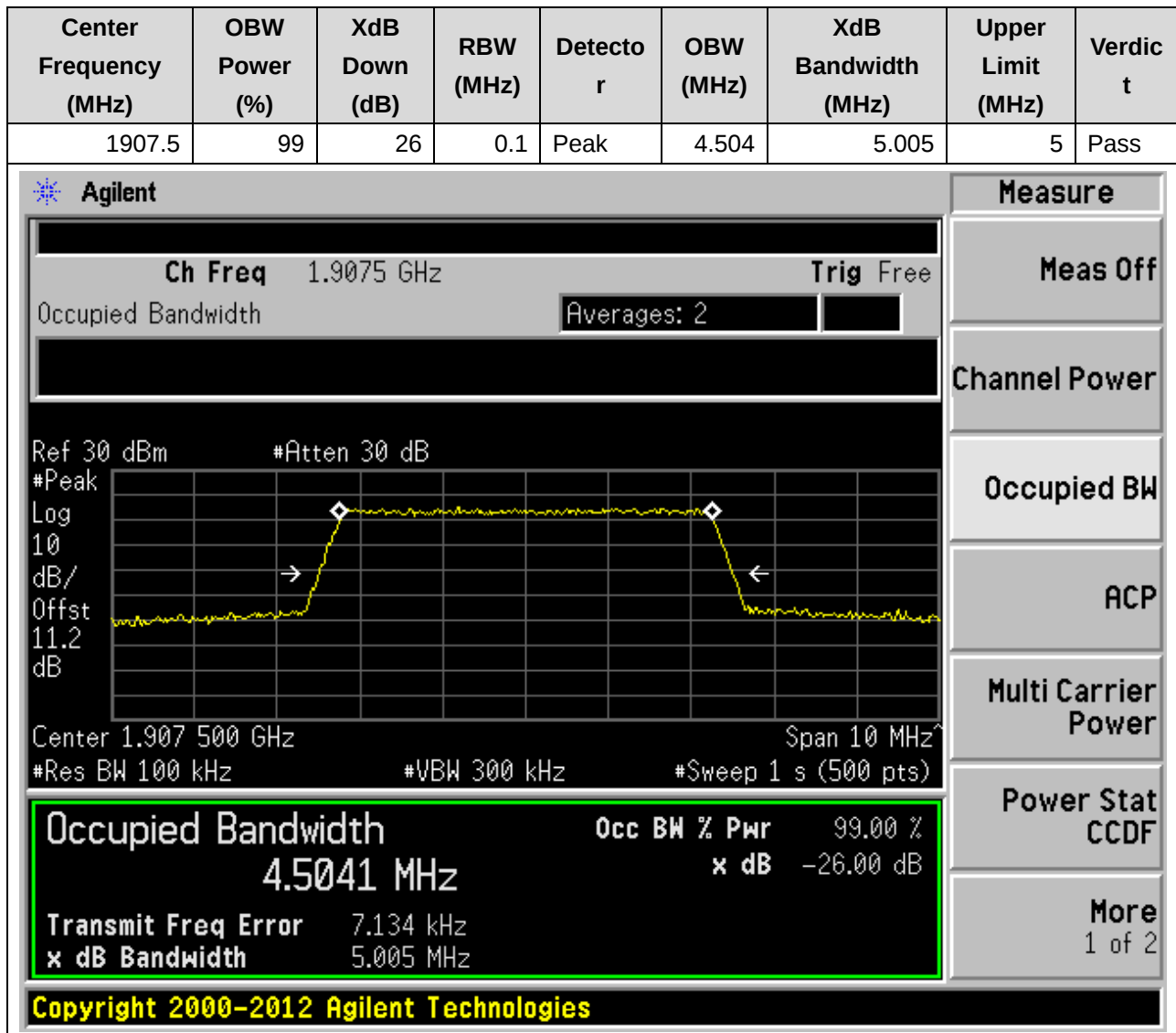
4.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



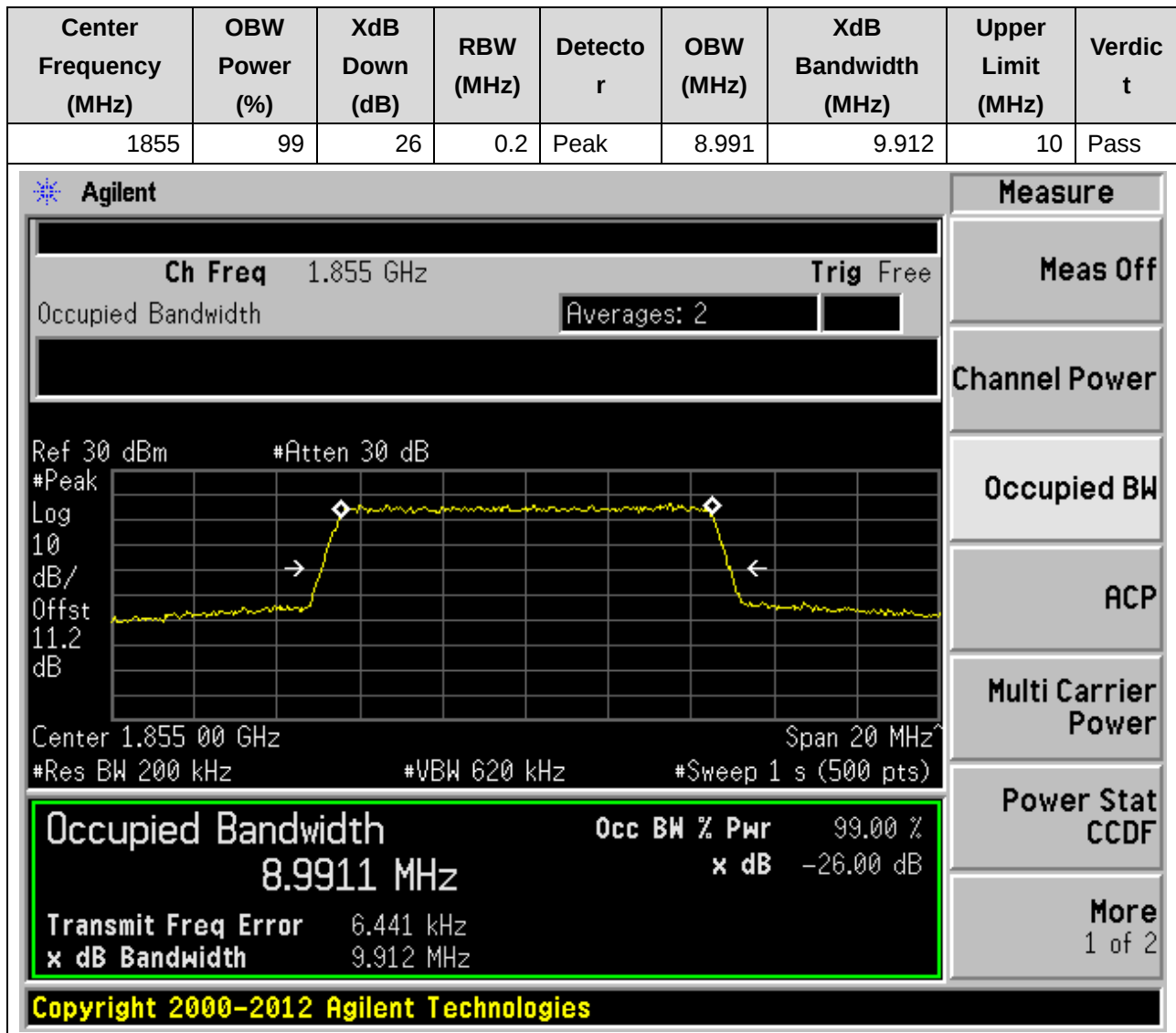
4.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



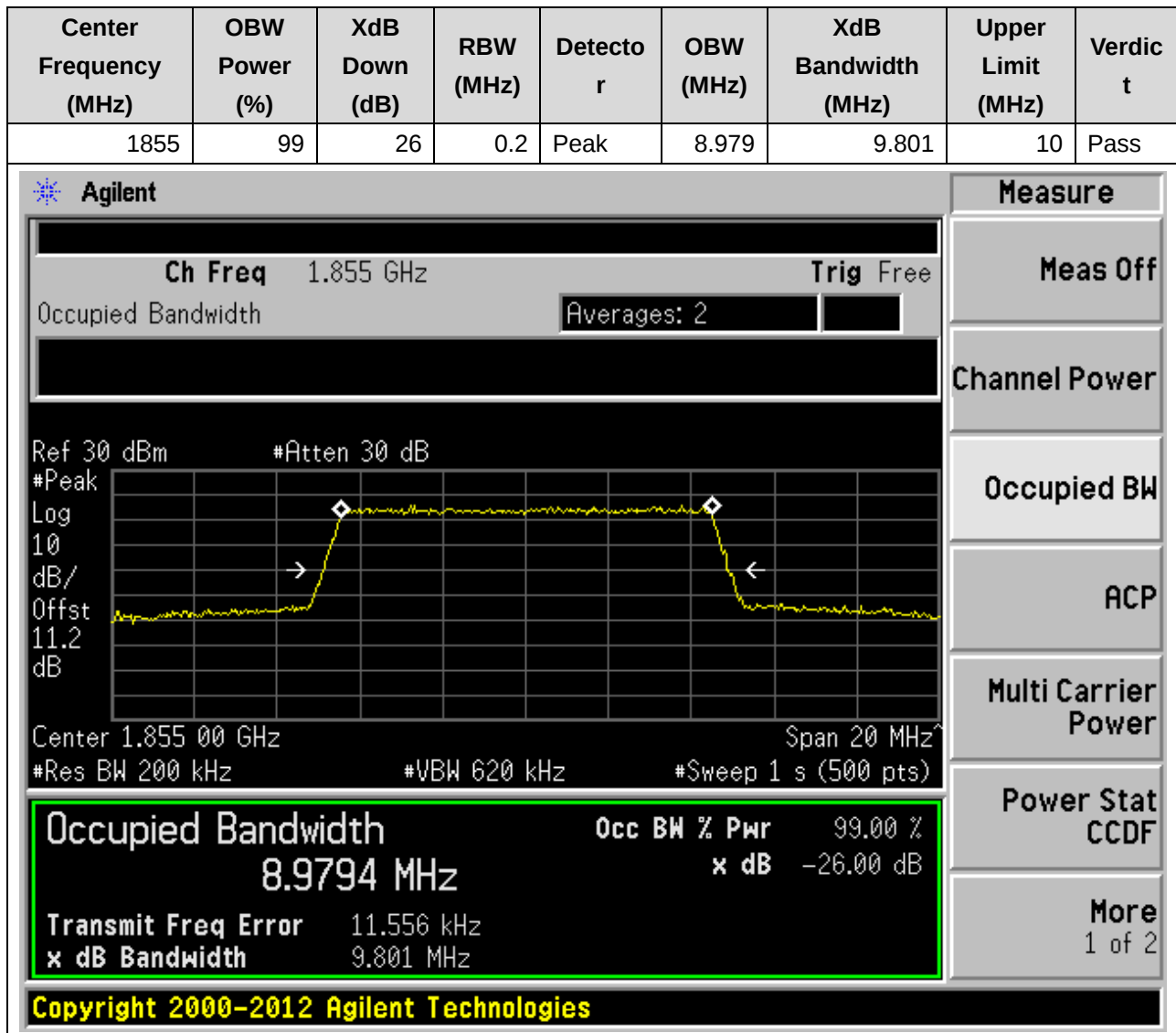
4.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



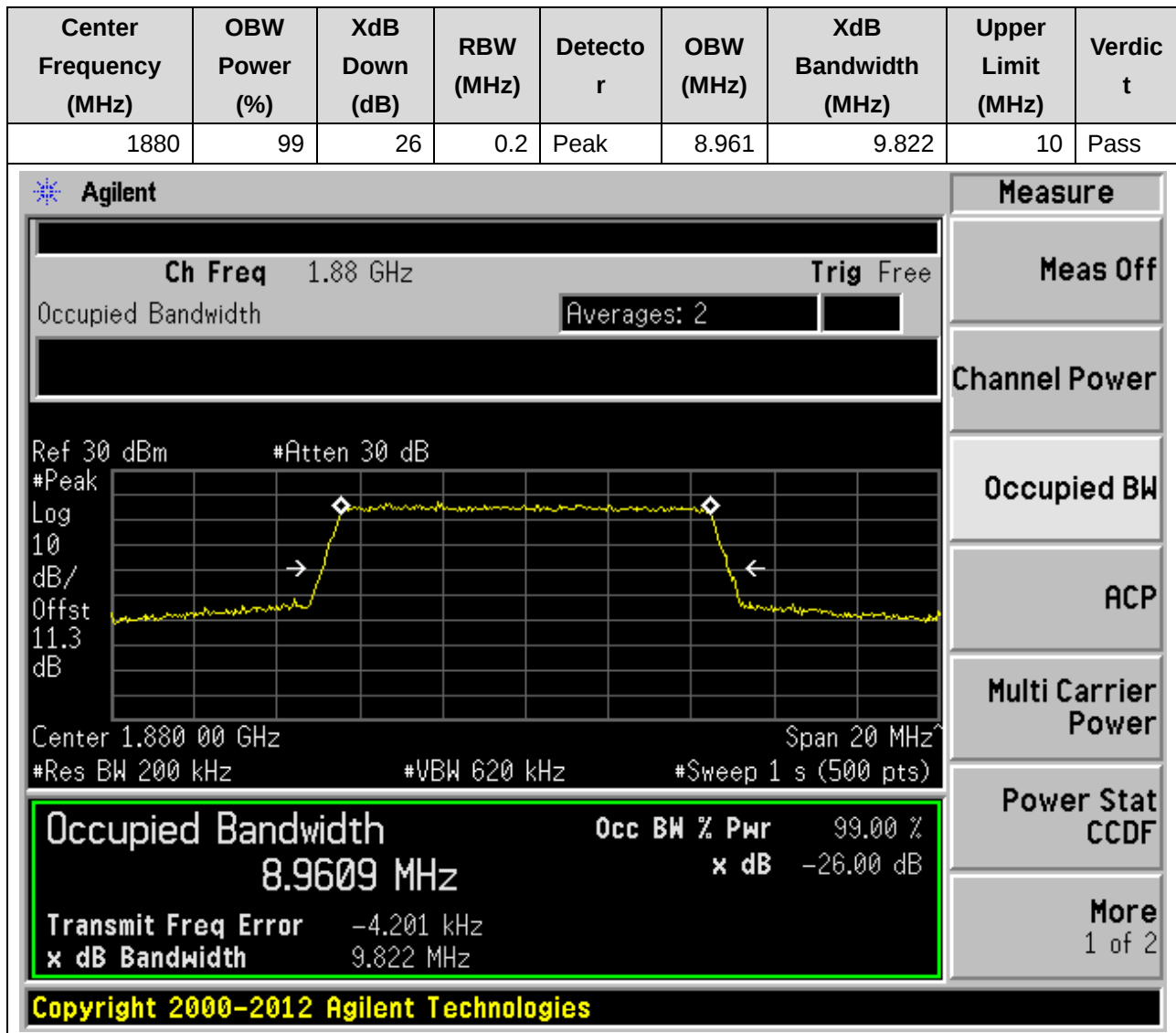
4.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



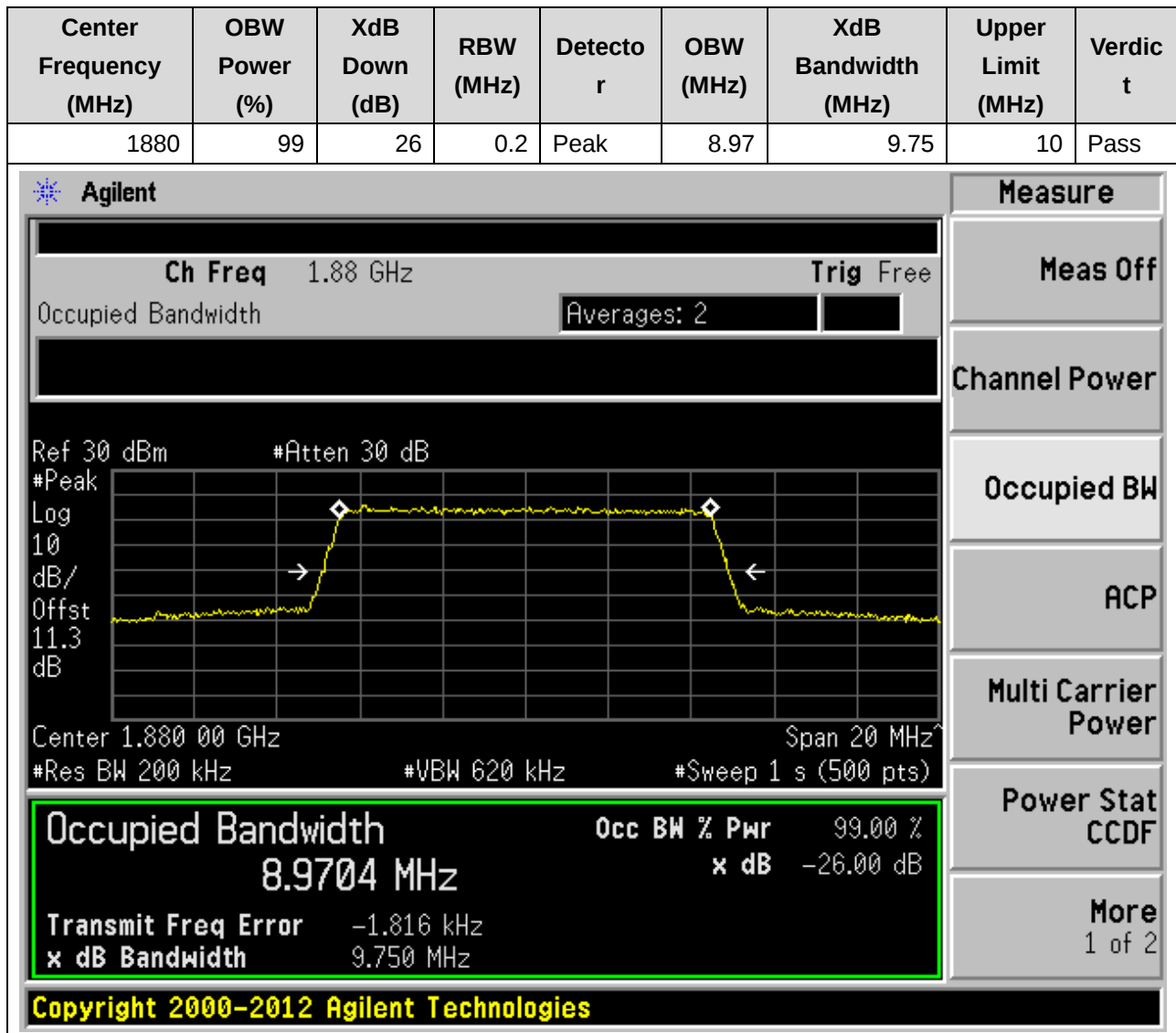
4.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



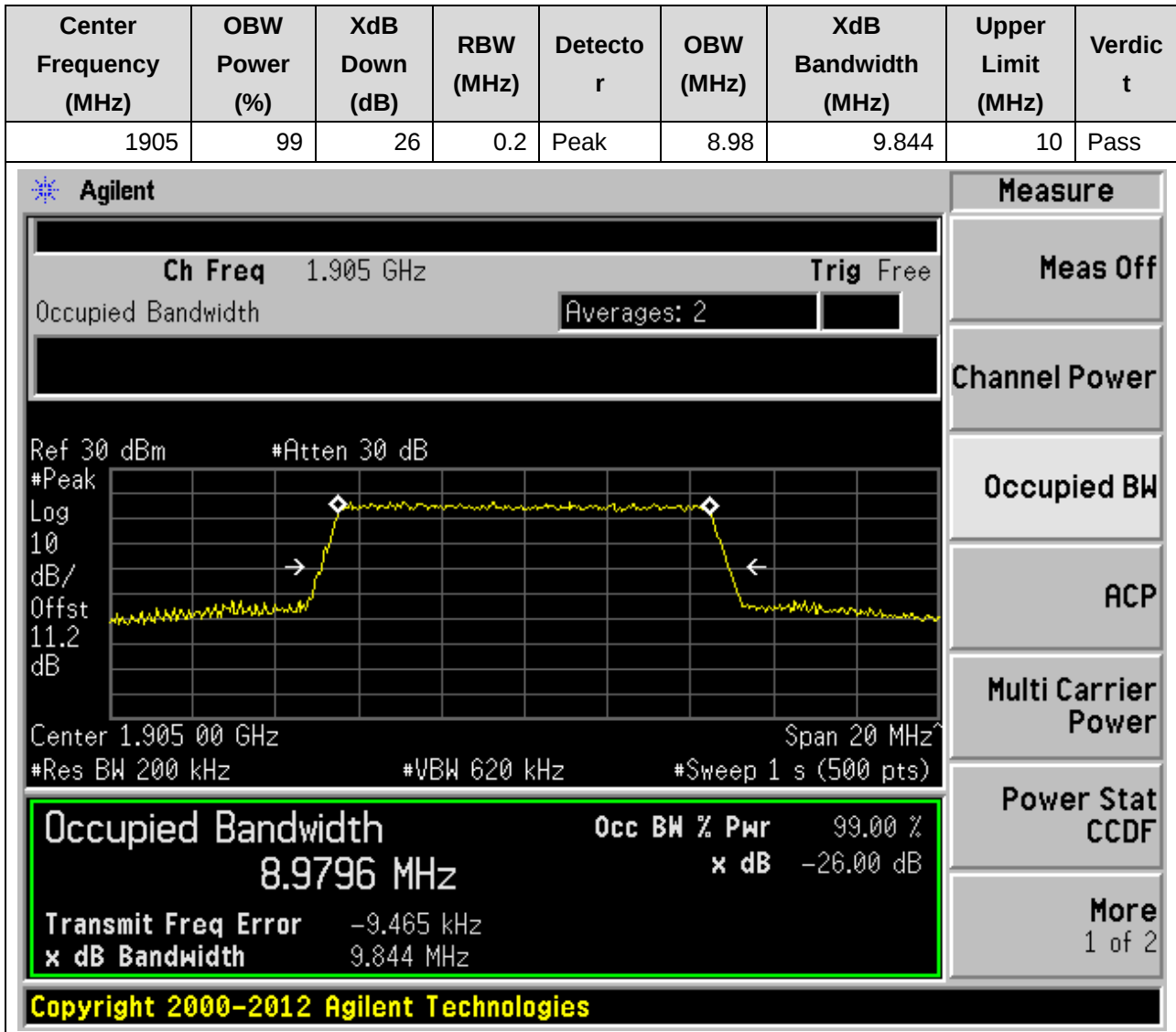
4.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



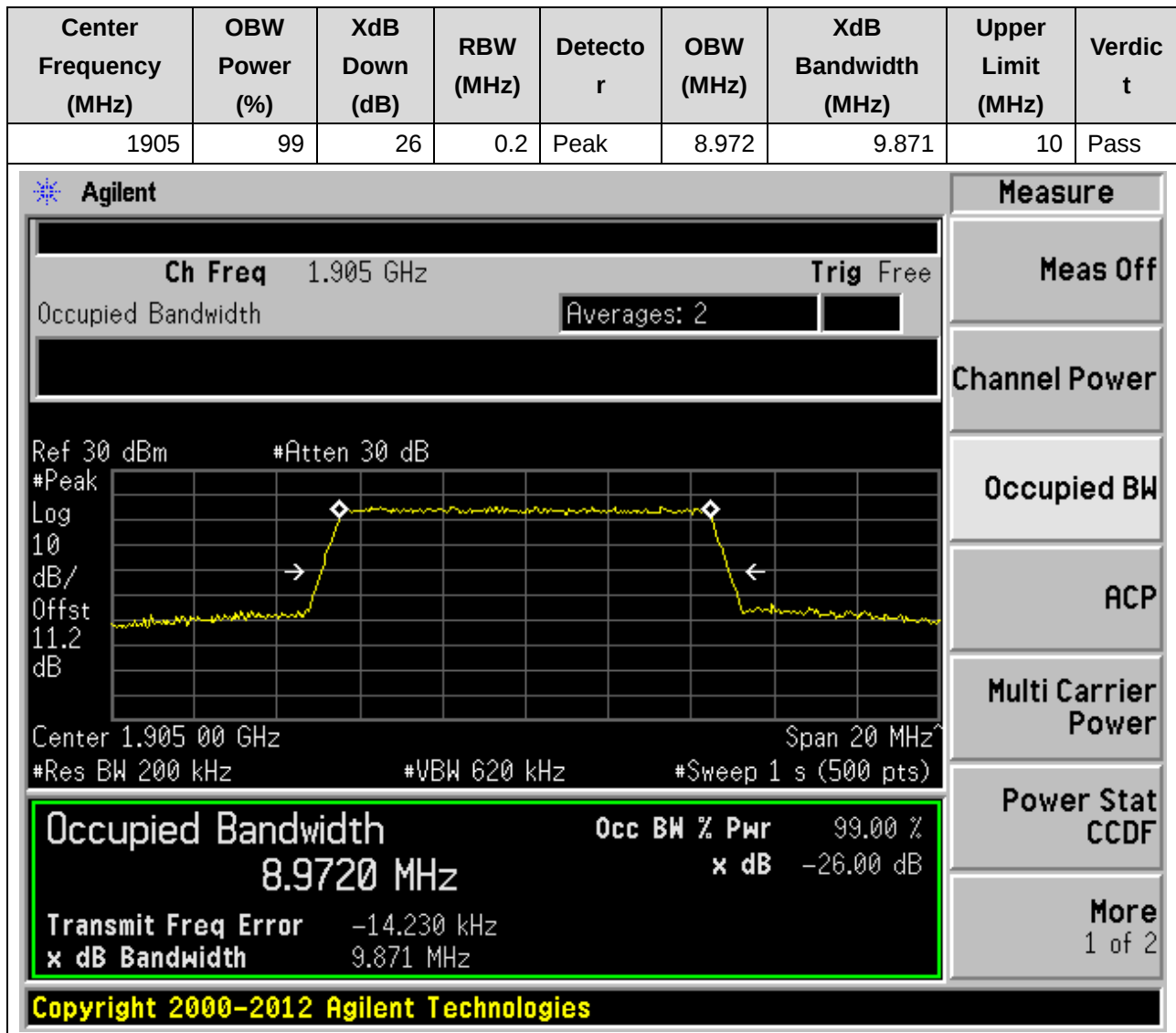
4.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



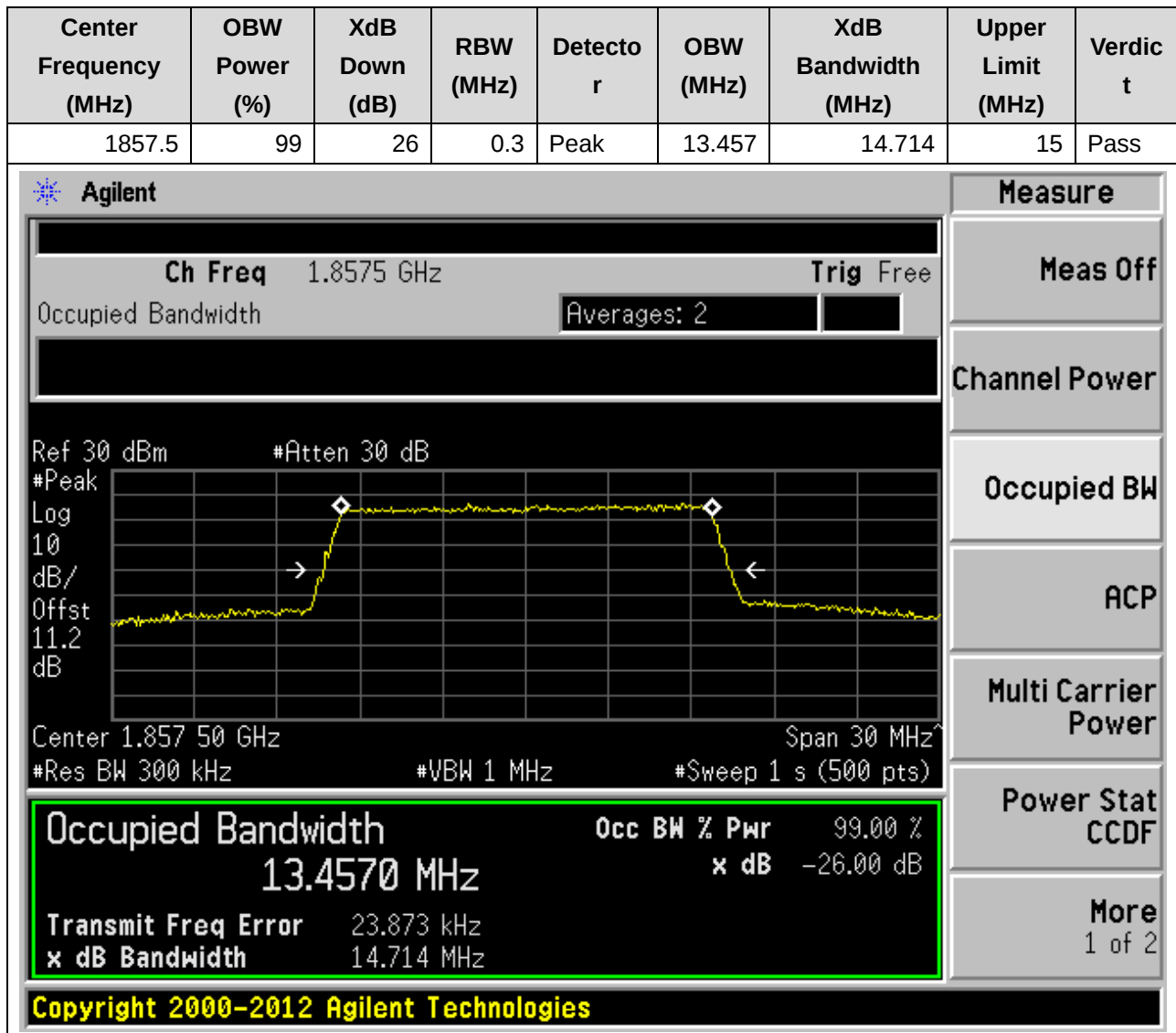
4.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



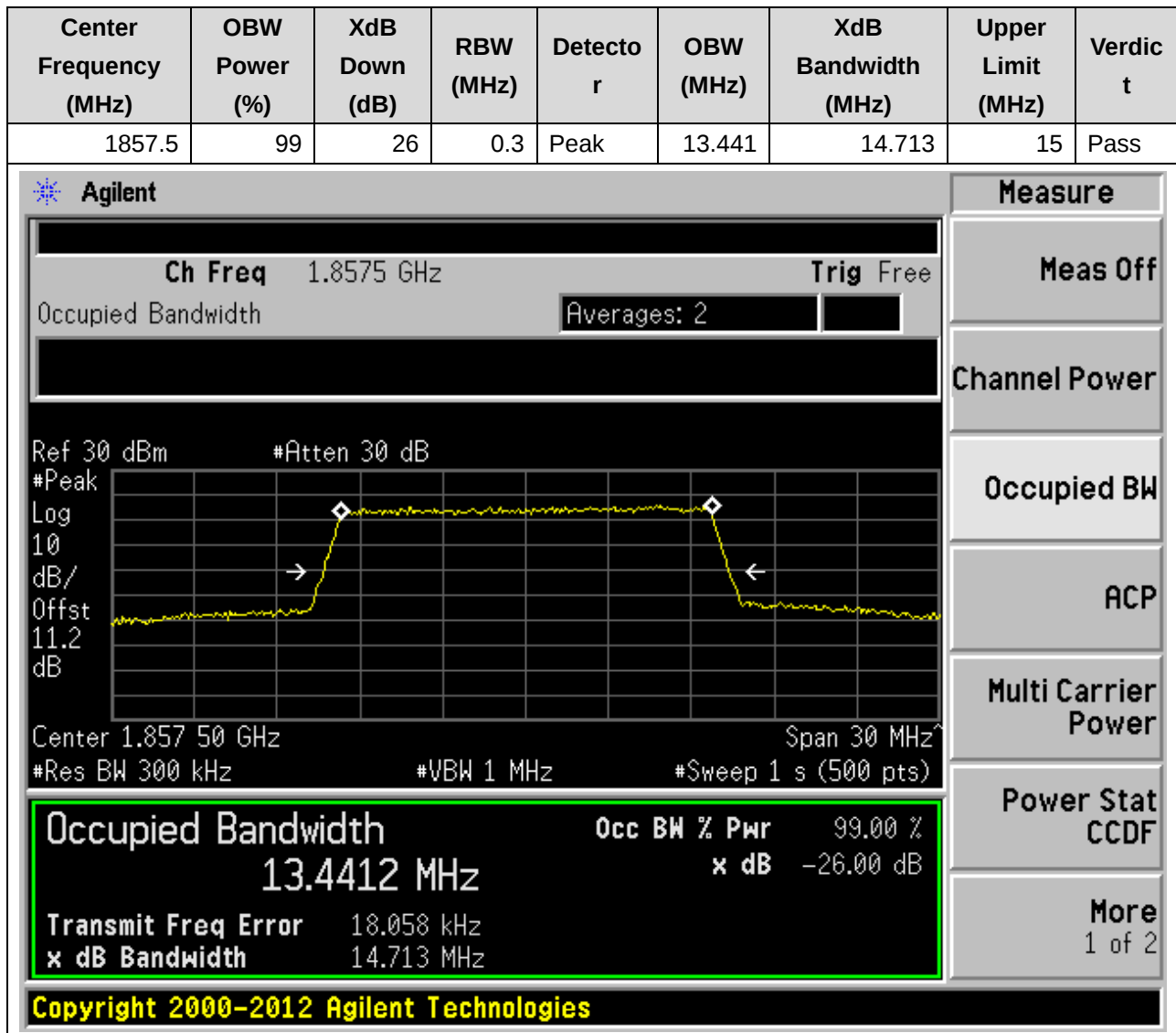
4.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



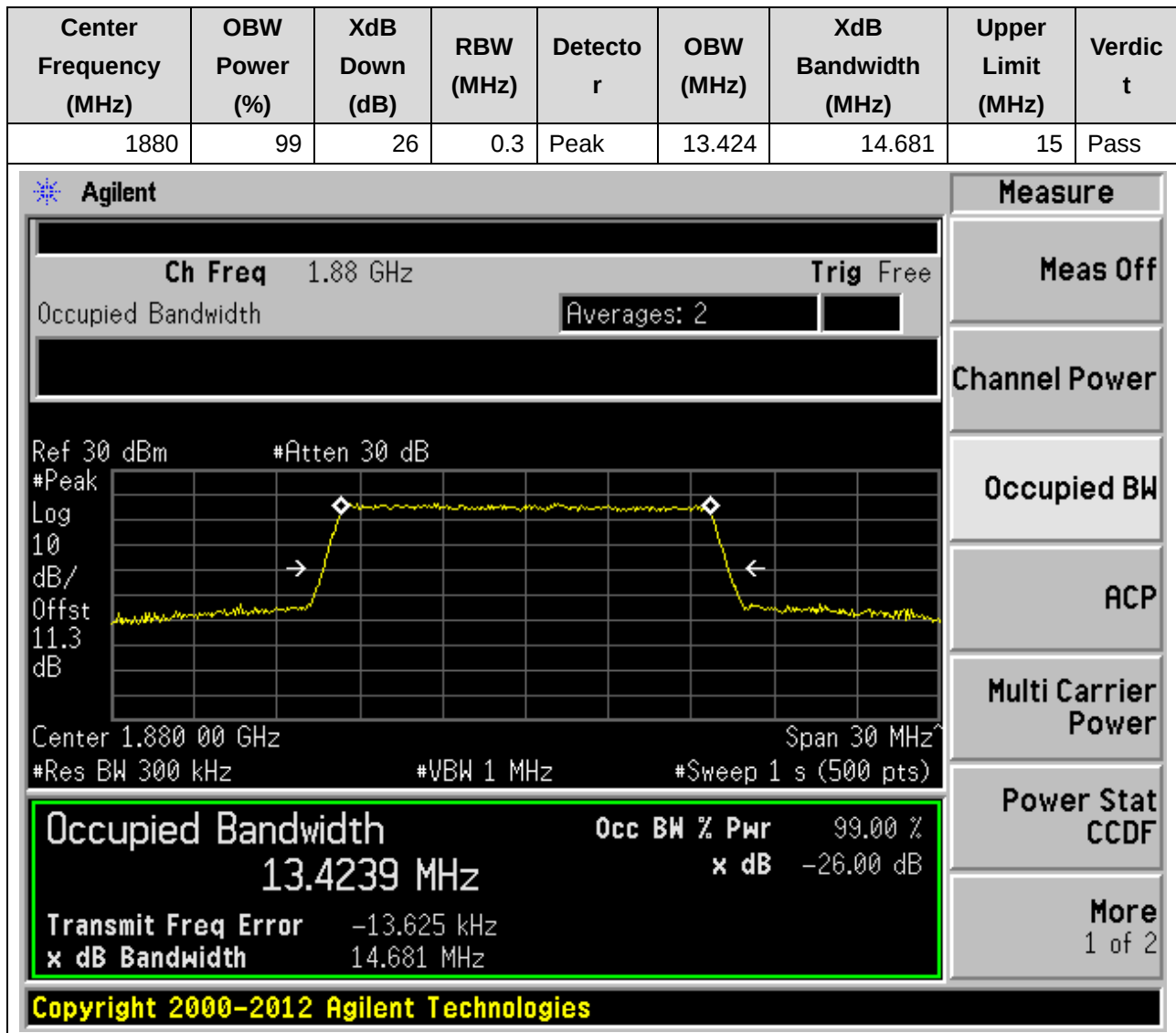
4.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



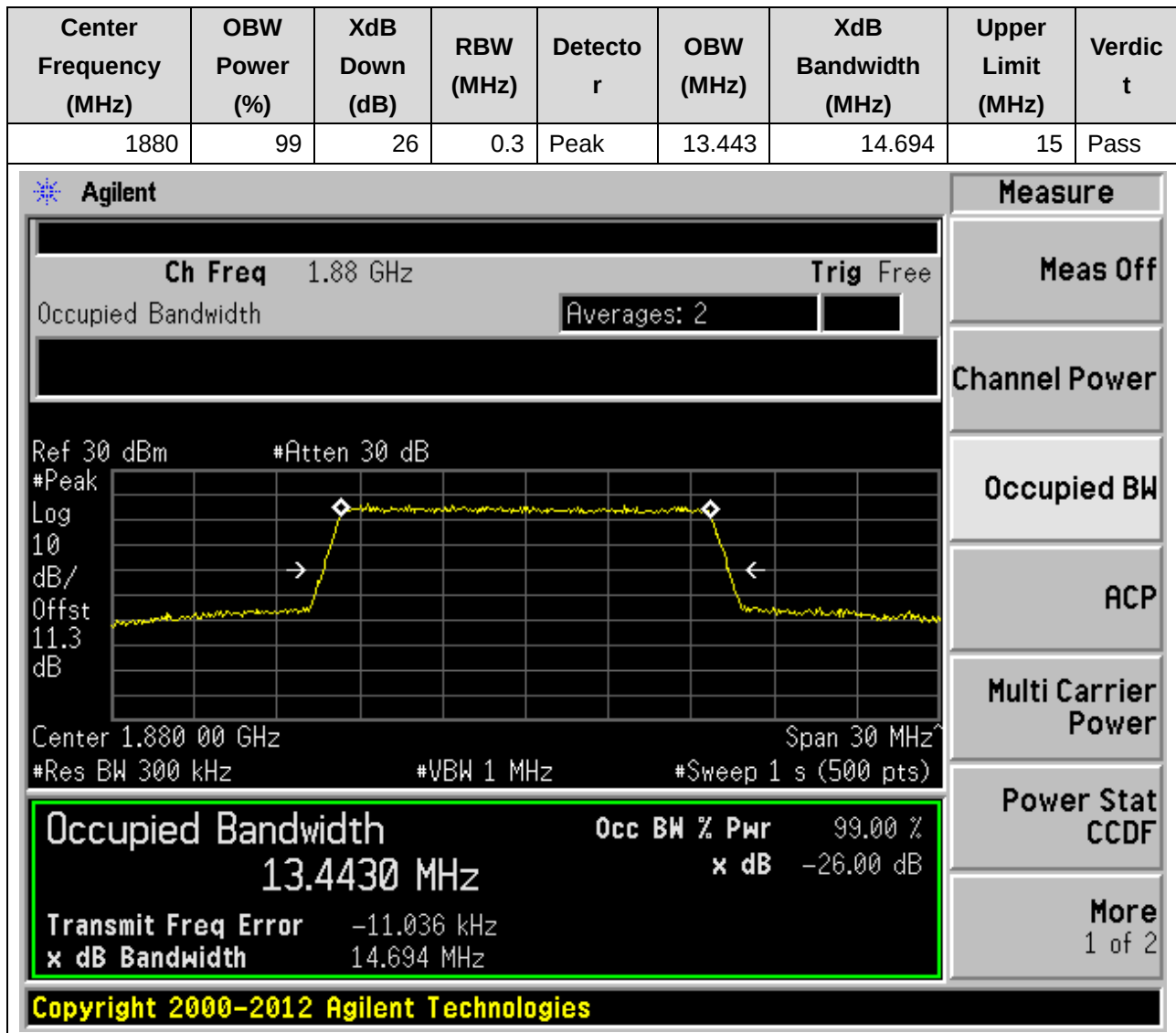
4.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



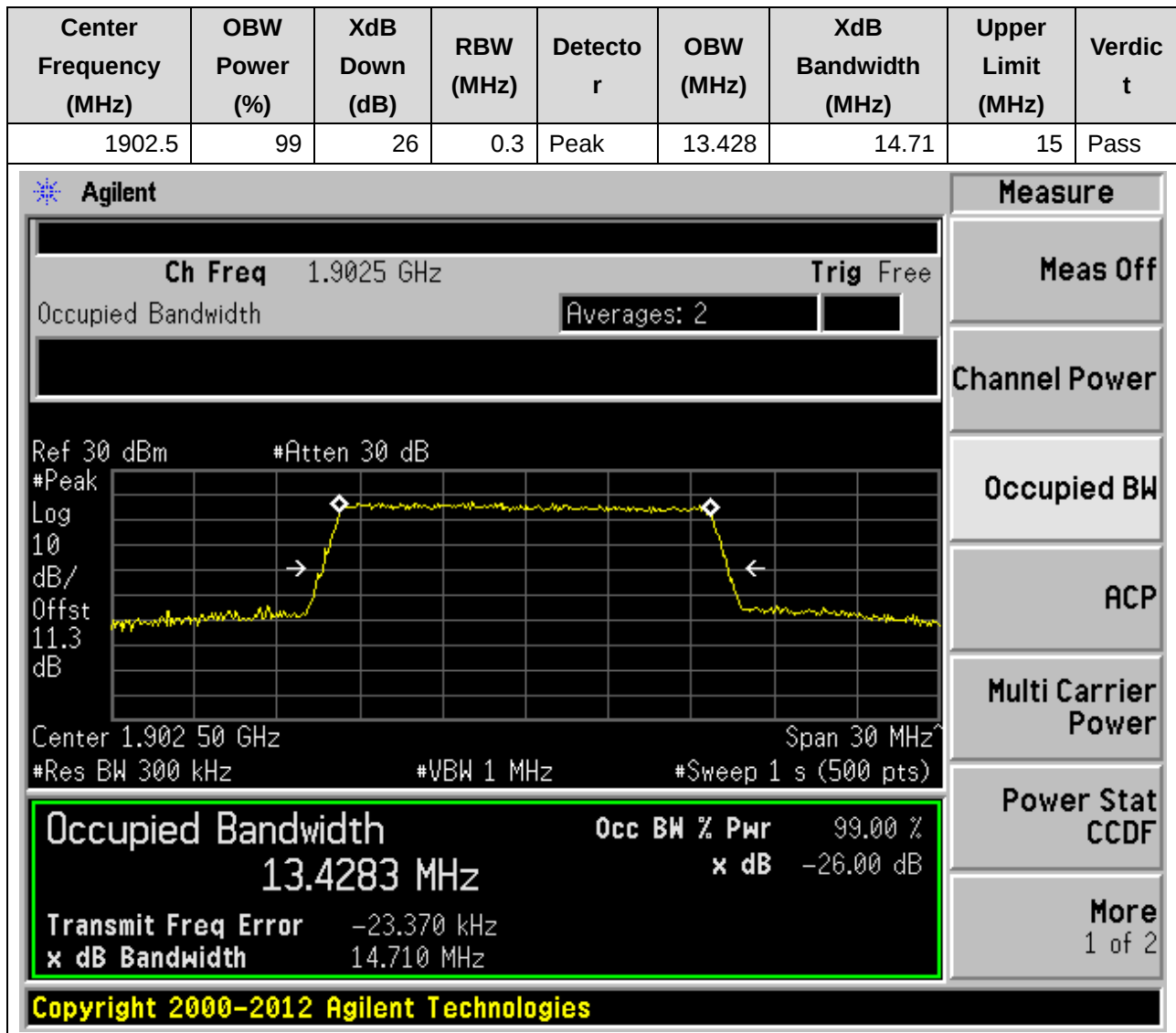
4.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



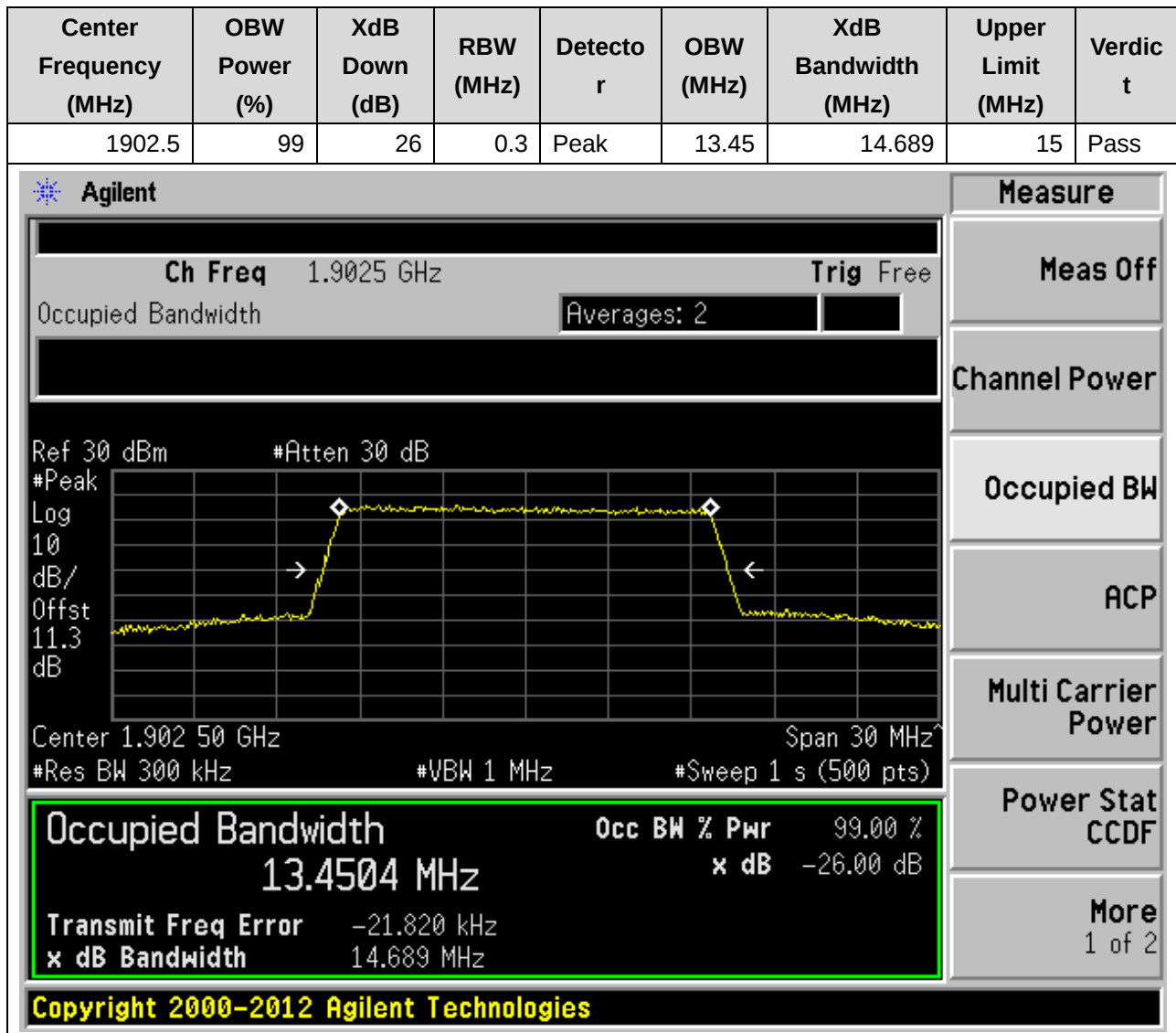
4.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



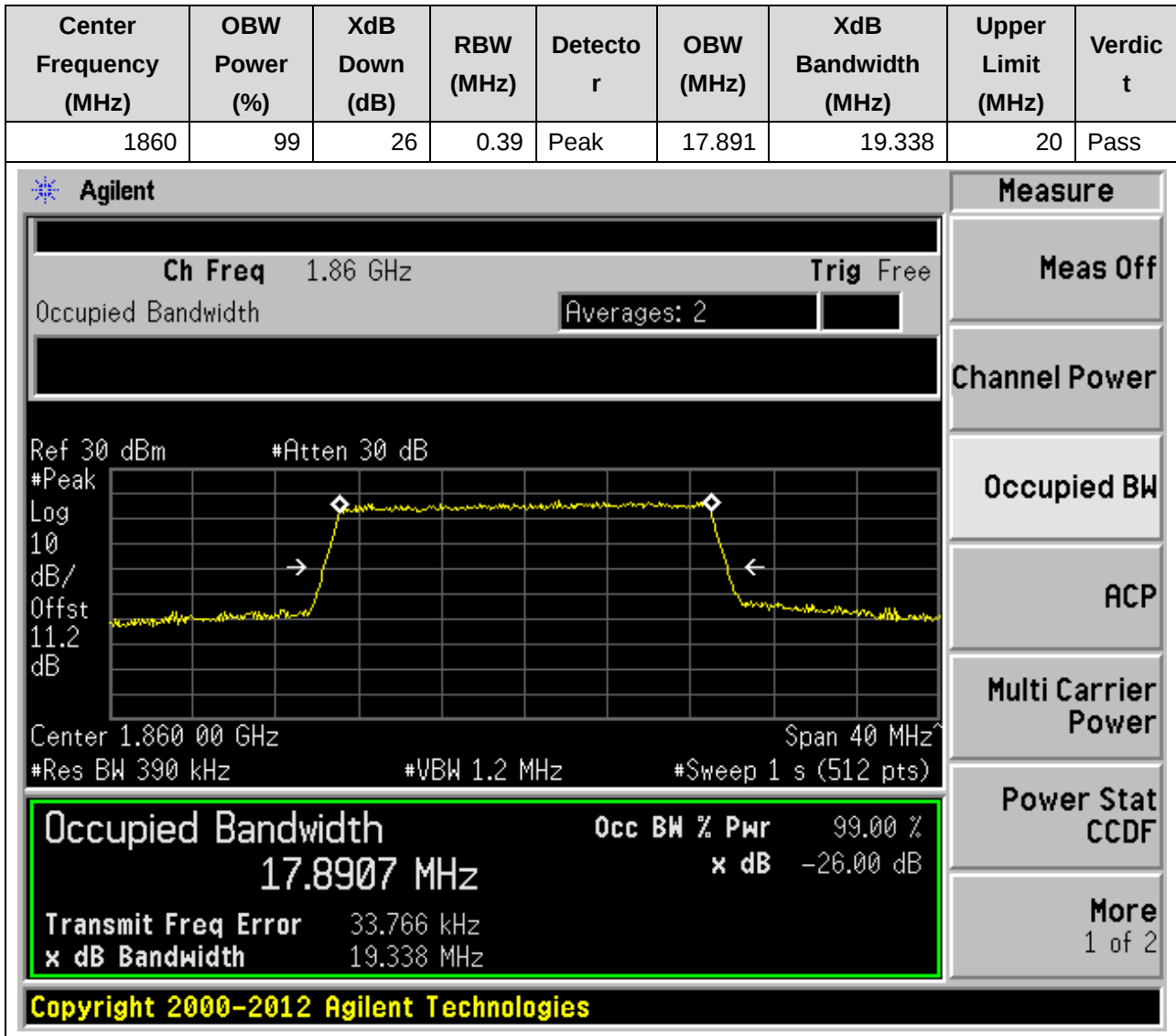
4.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



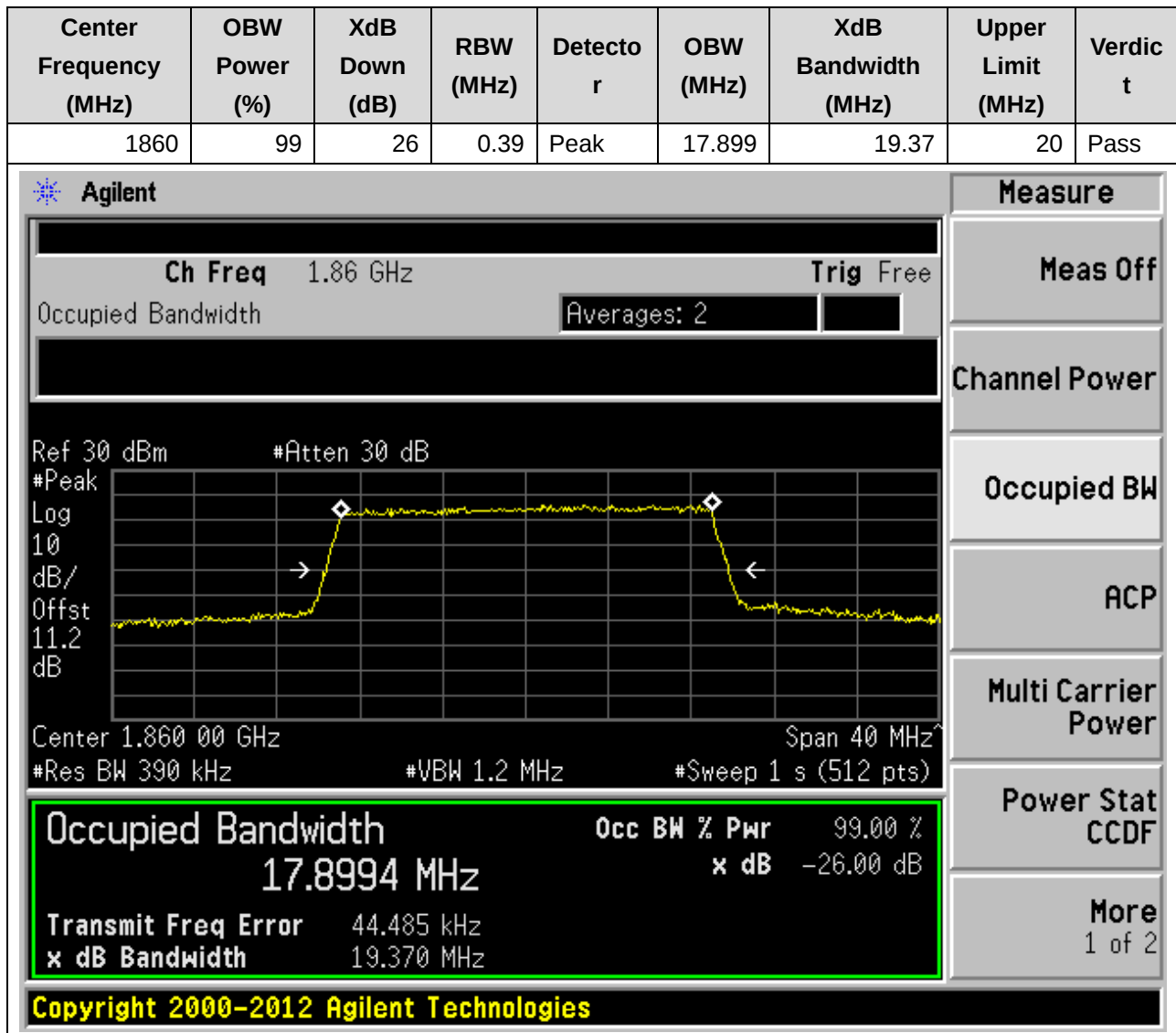
4.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



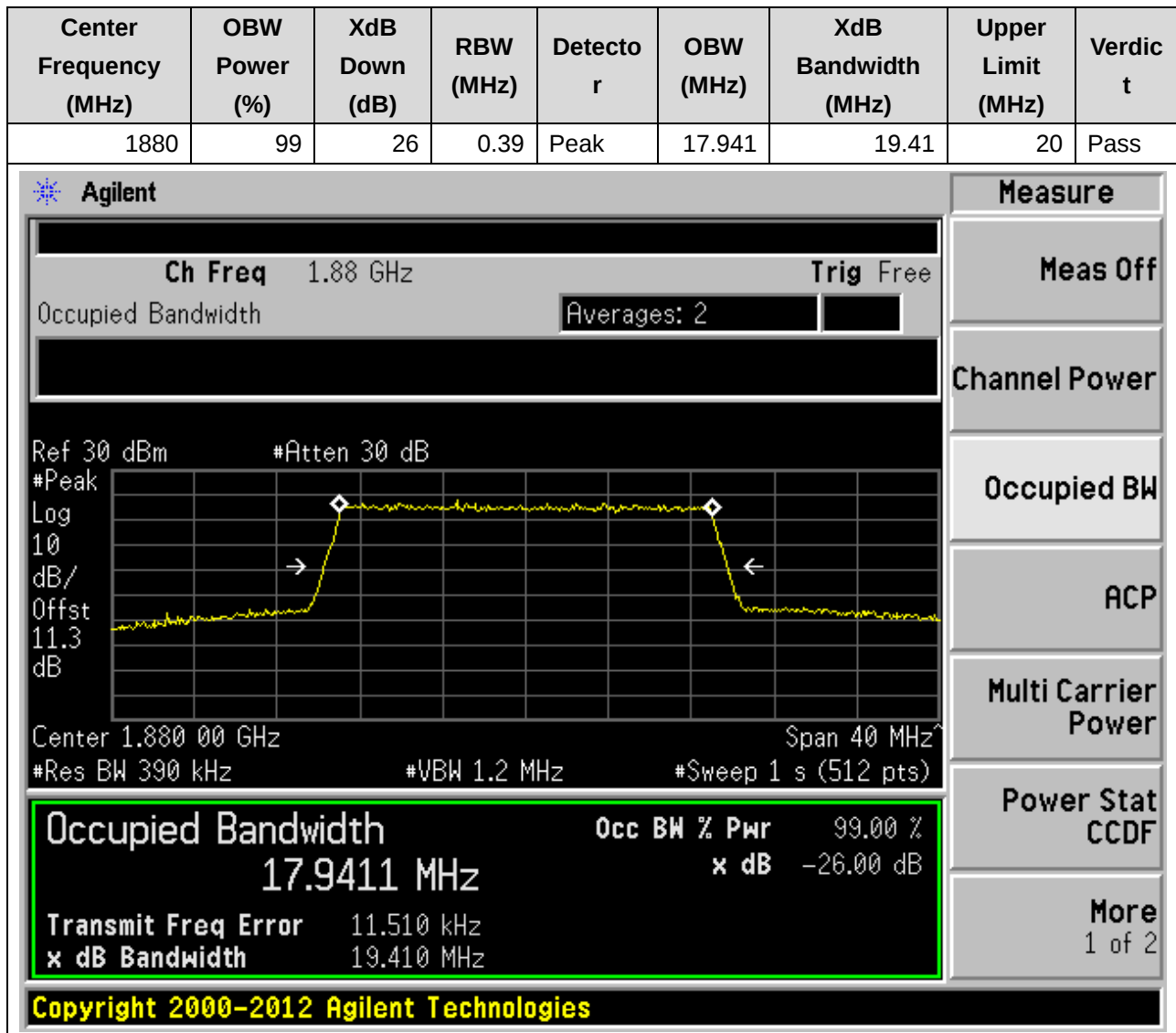
4.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



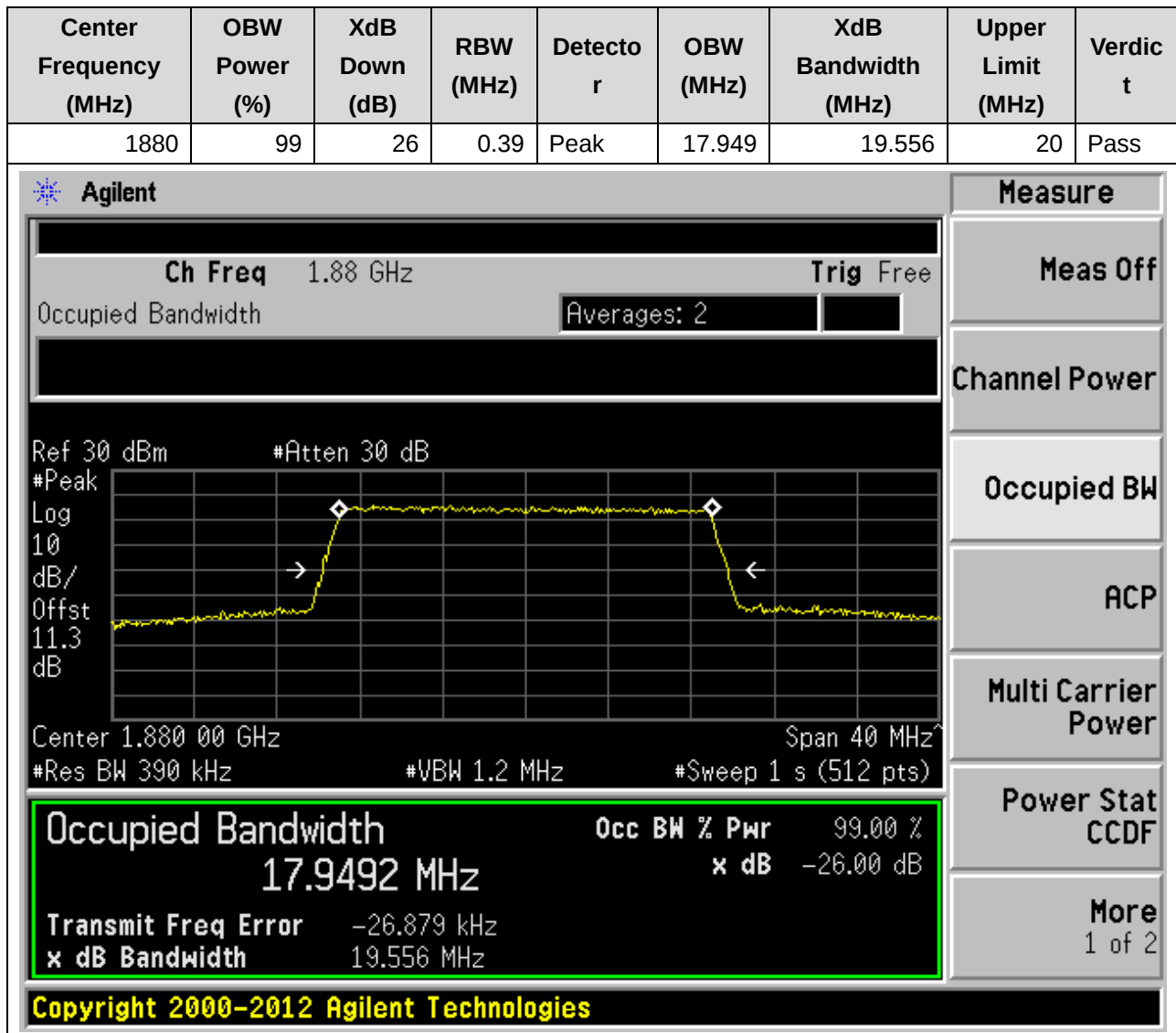
4.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



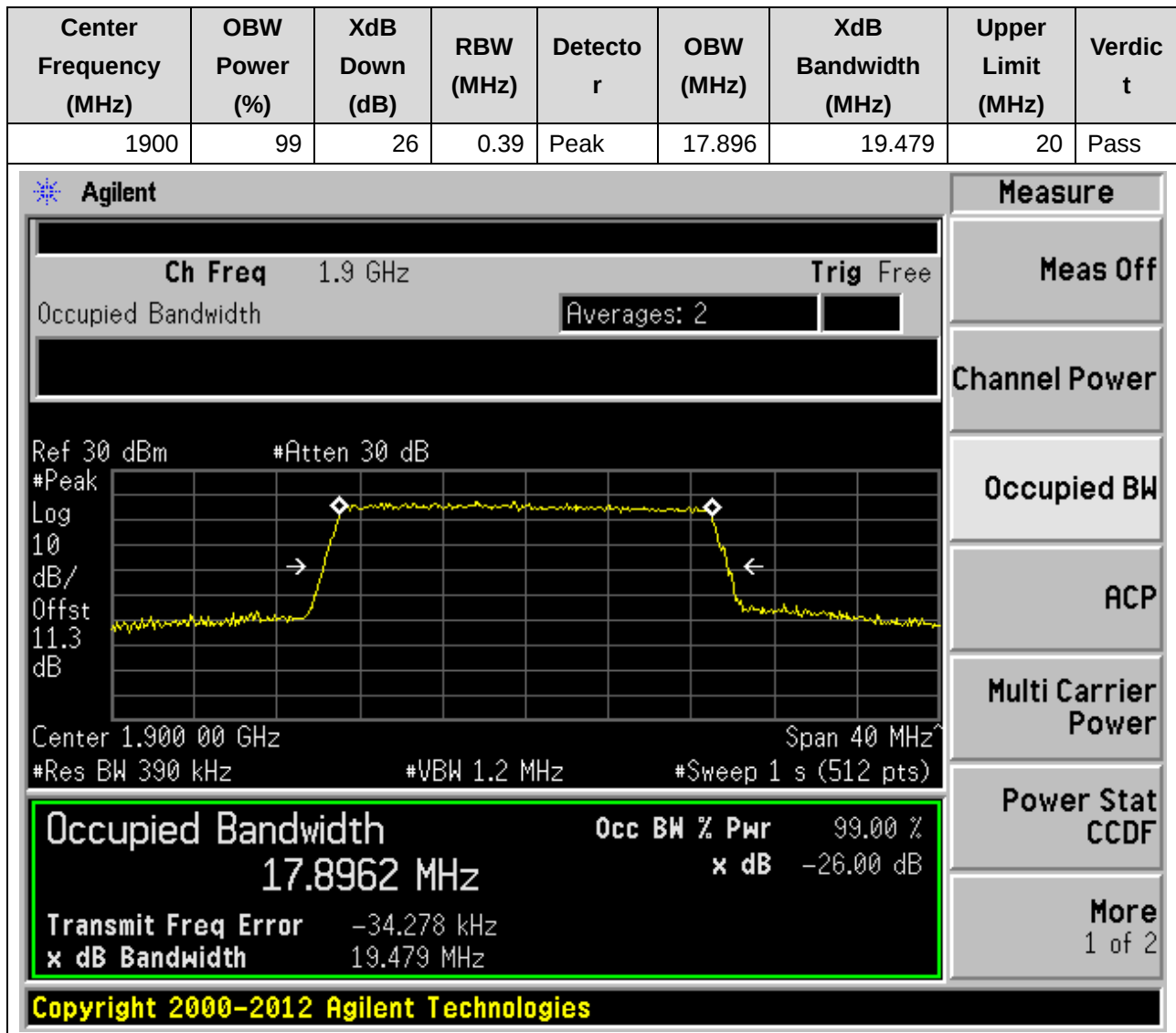
4.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



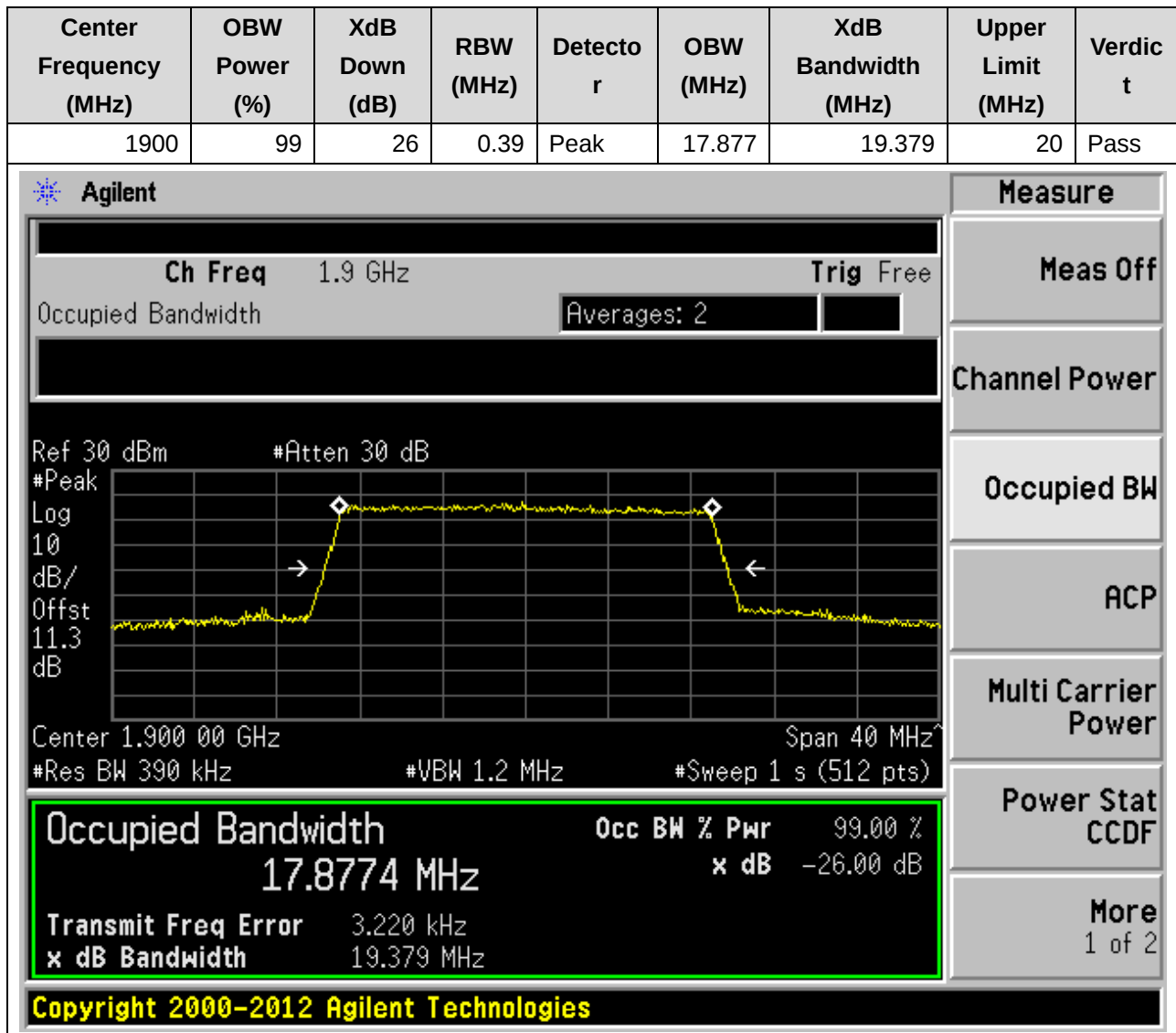
4.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



4.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

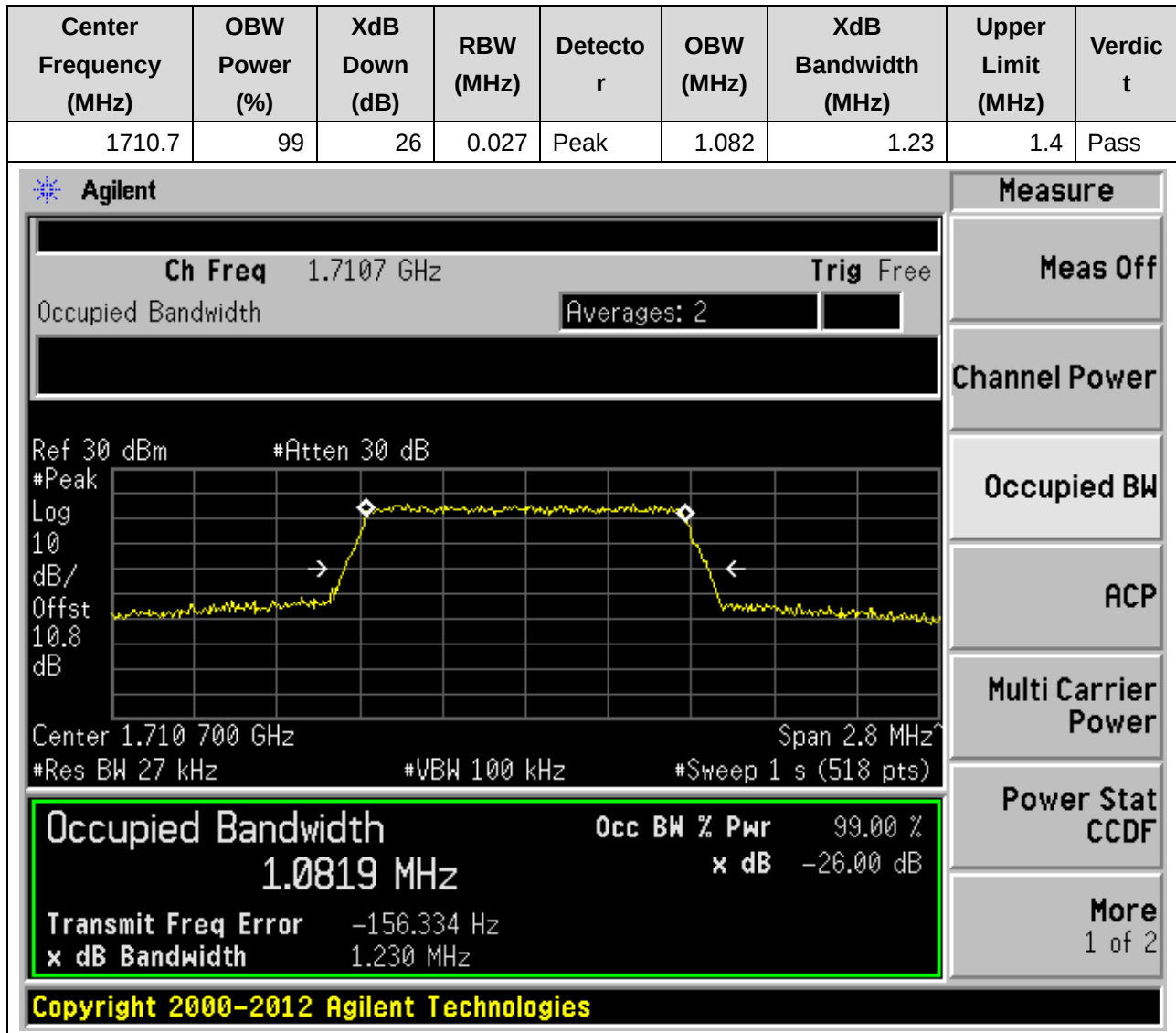


4.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

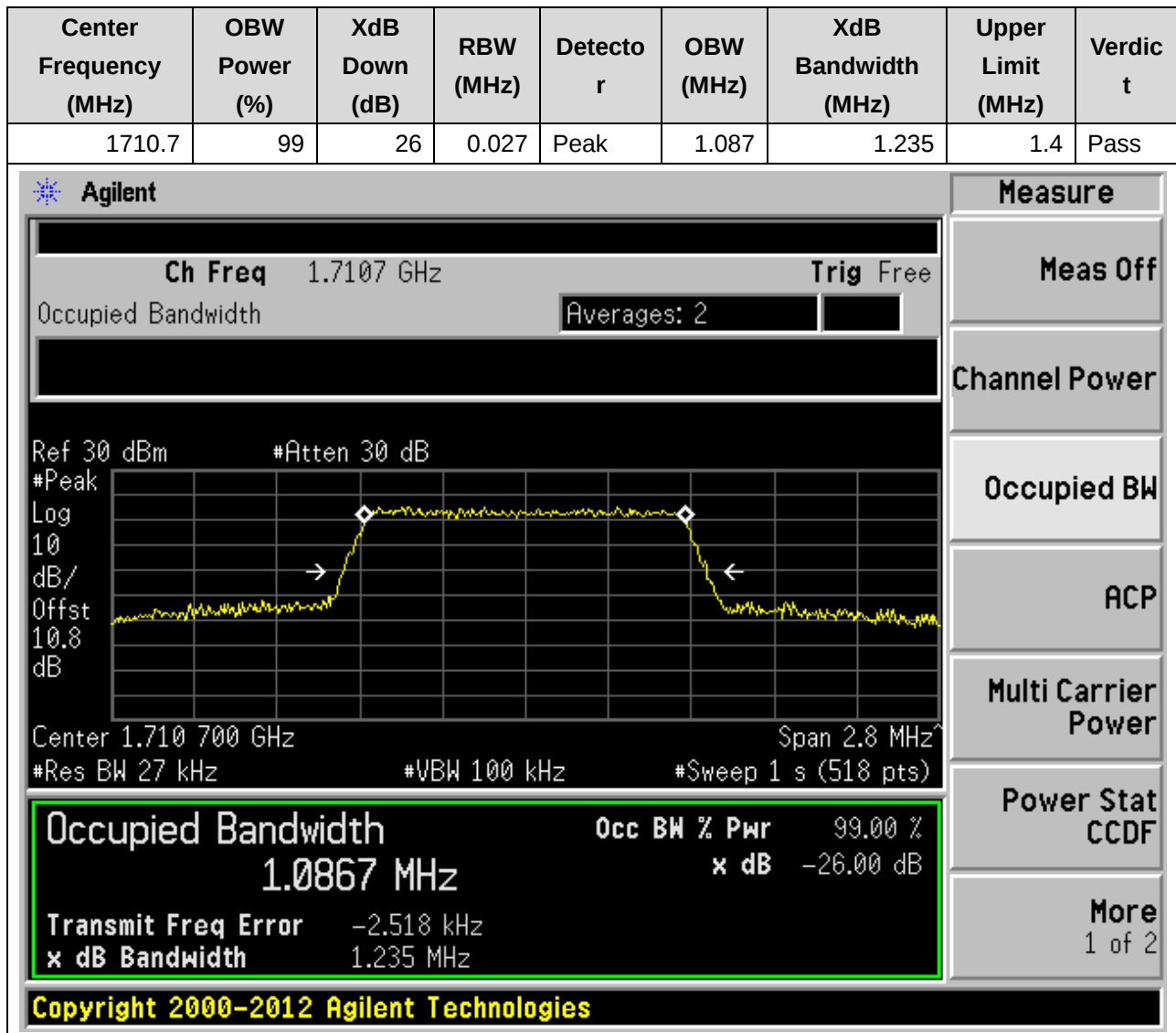


5. LTE_Band4

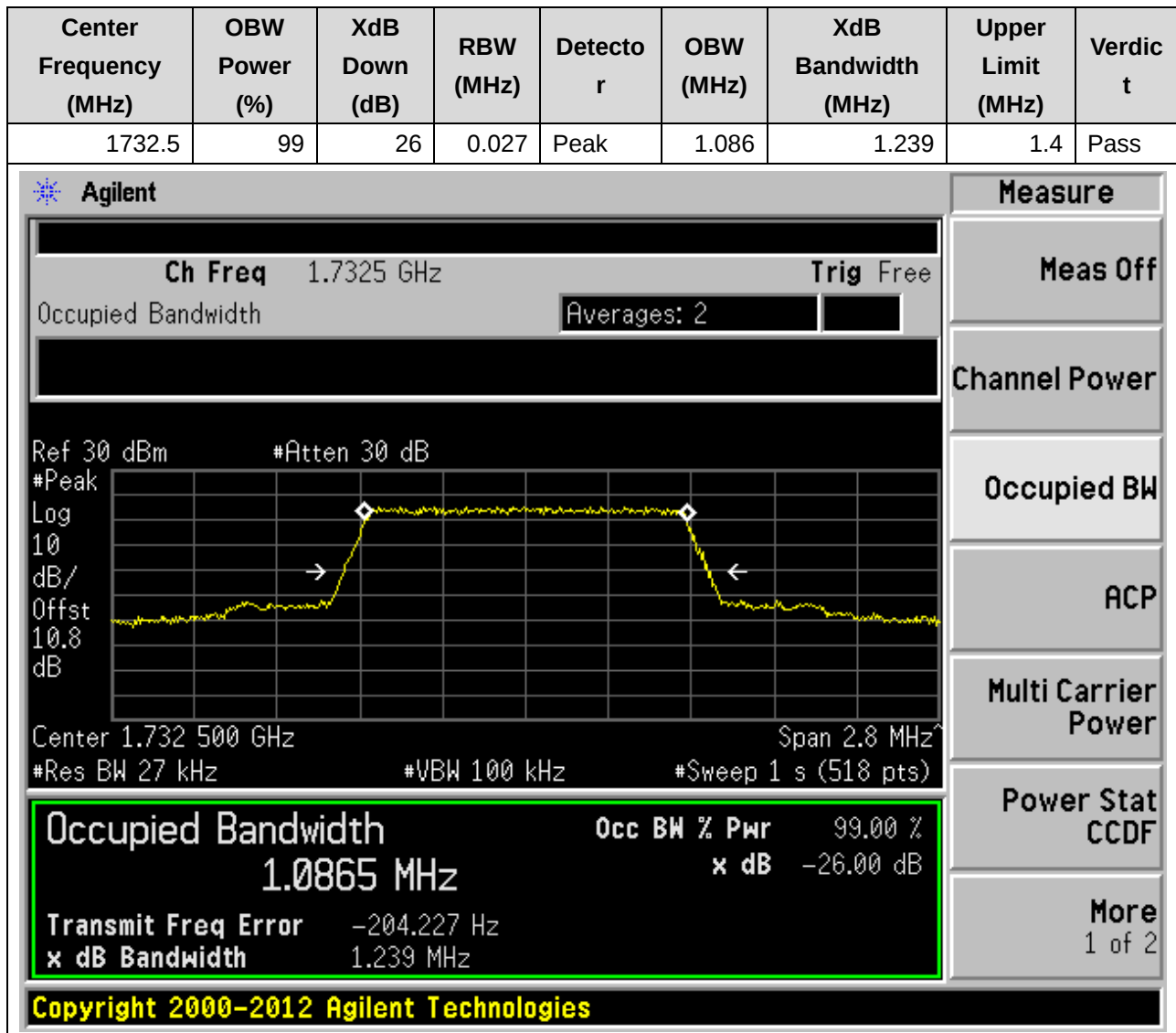
5.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



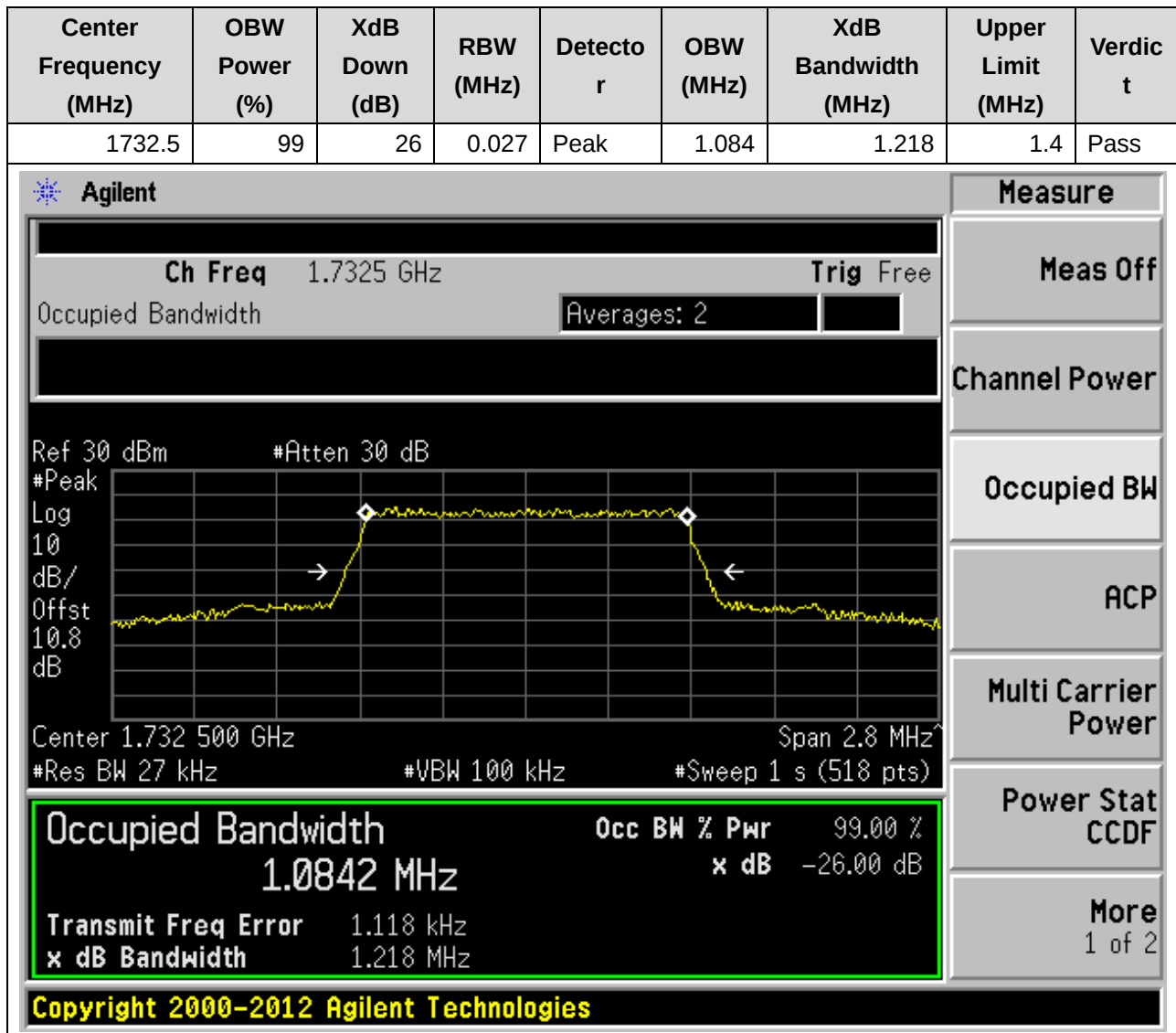
5.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



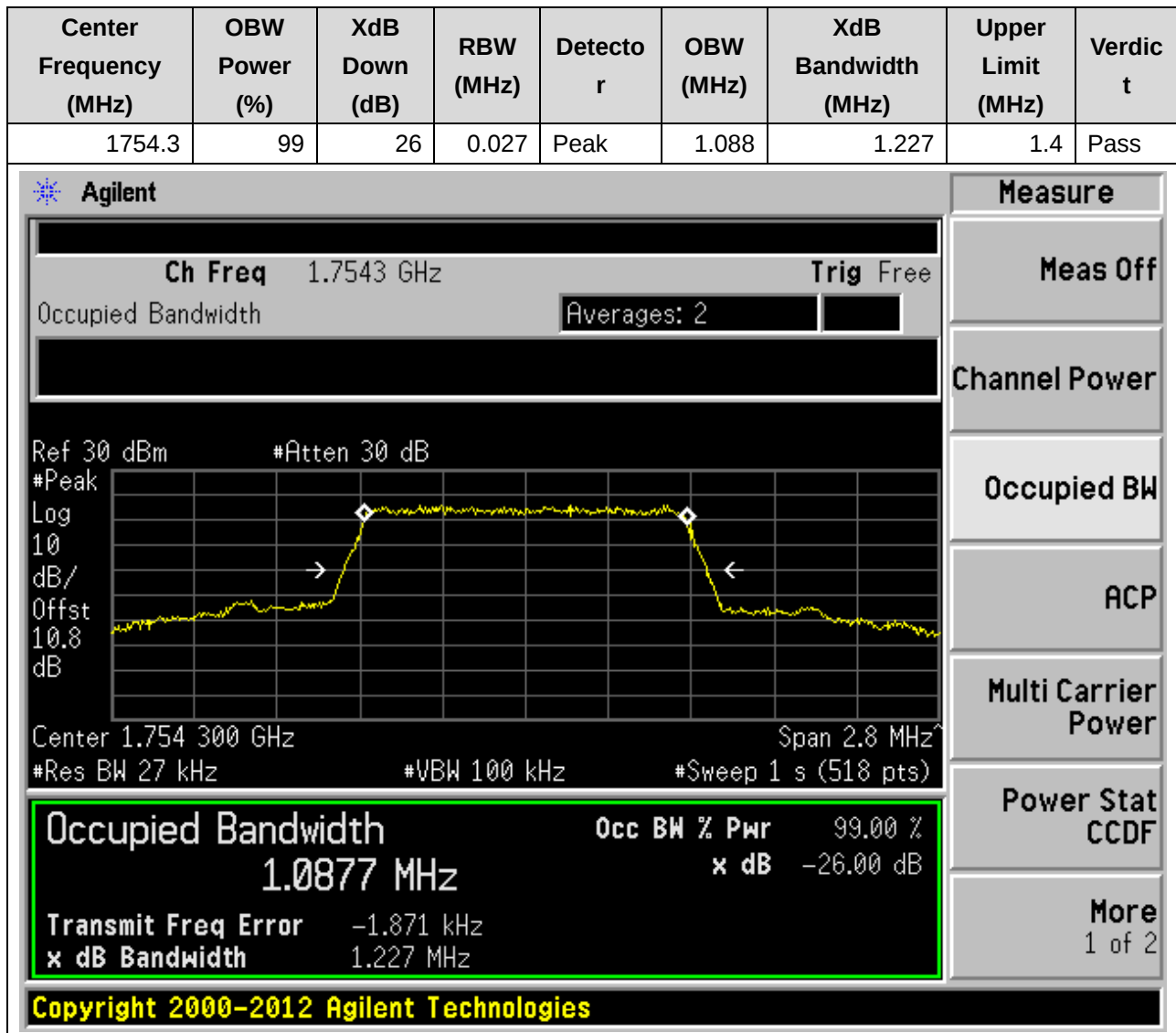
5.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



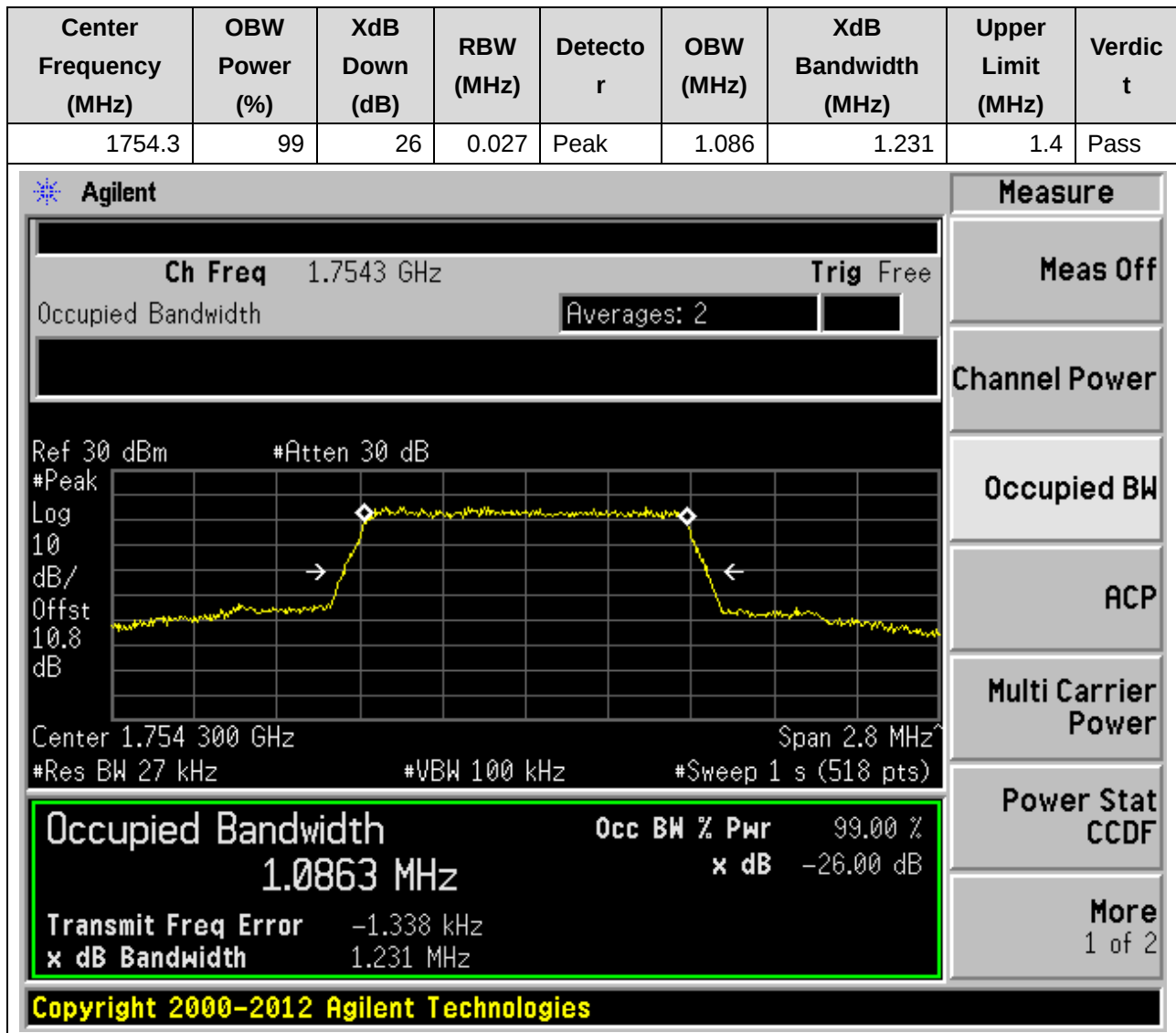
5.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



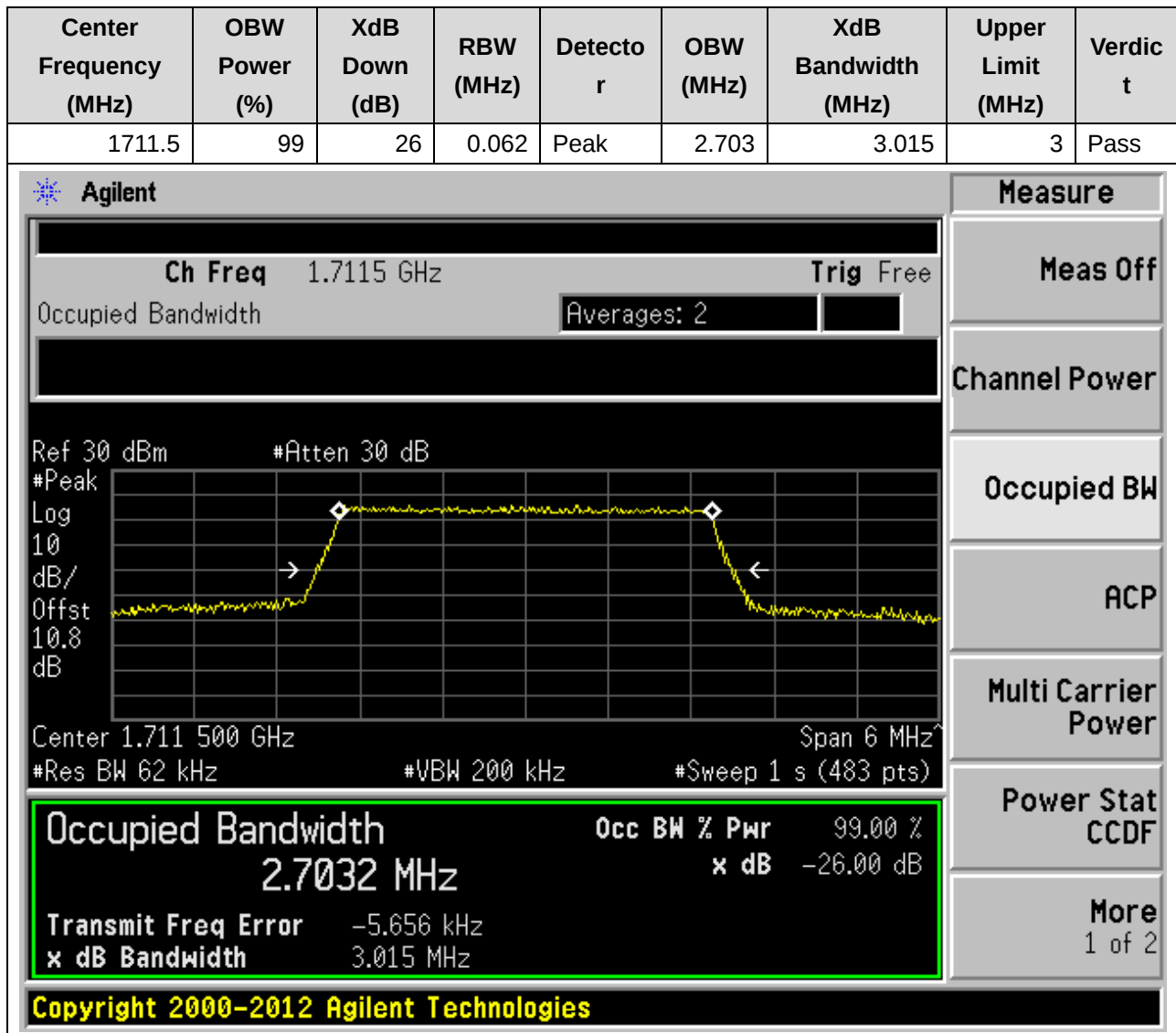
5.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



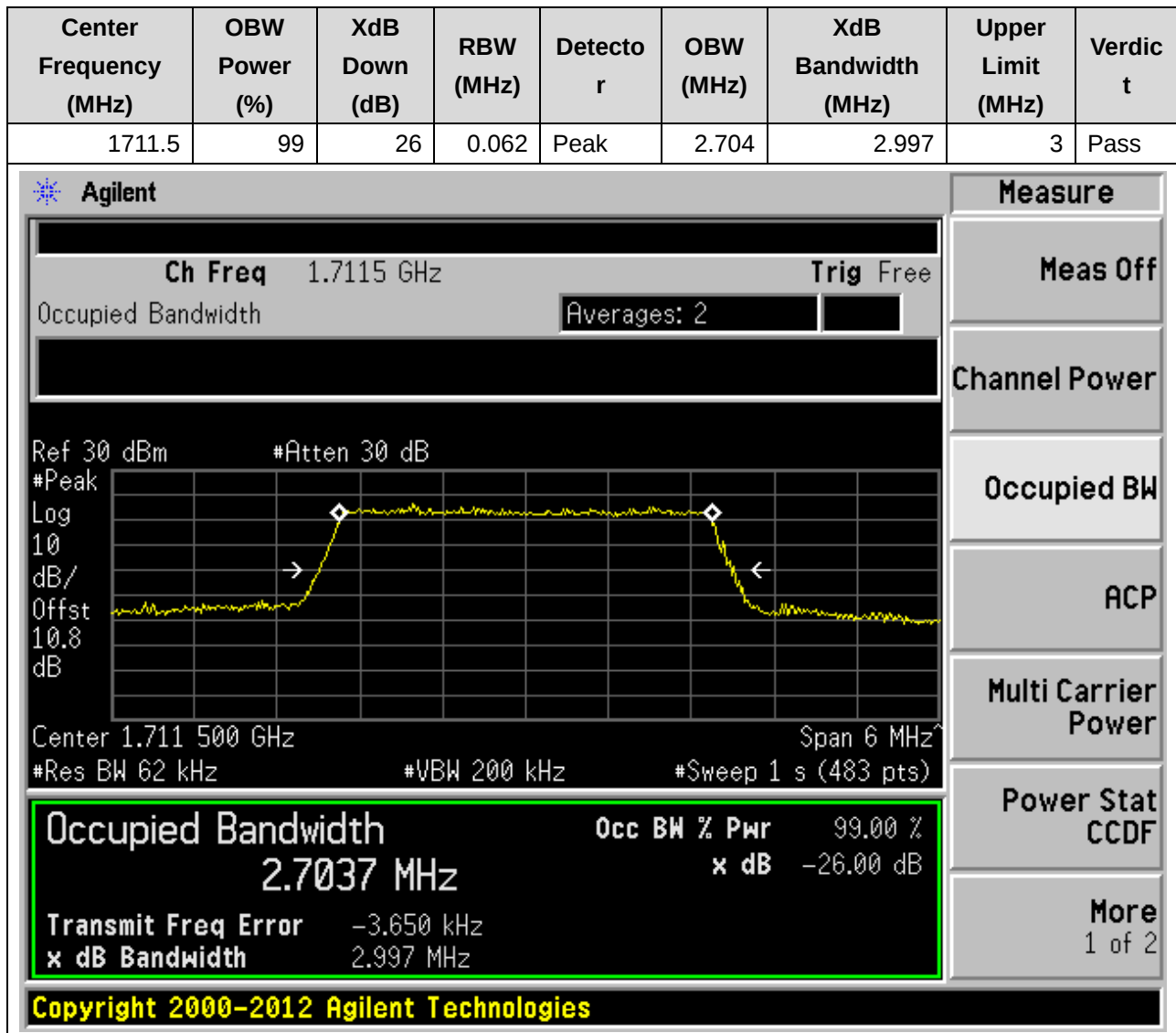
5.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



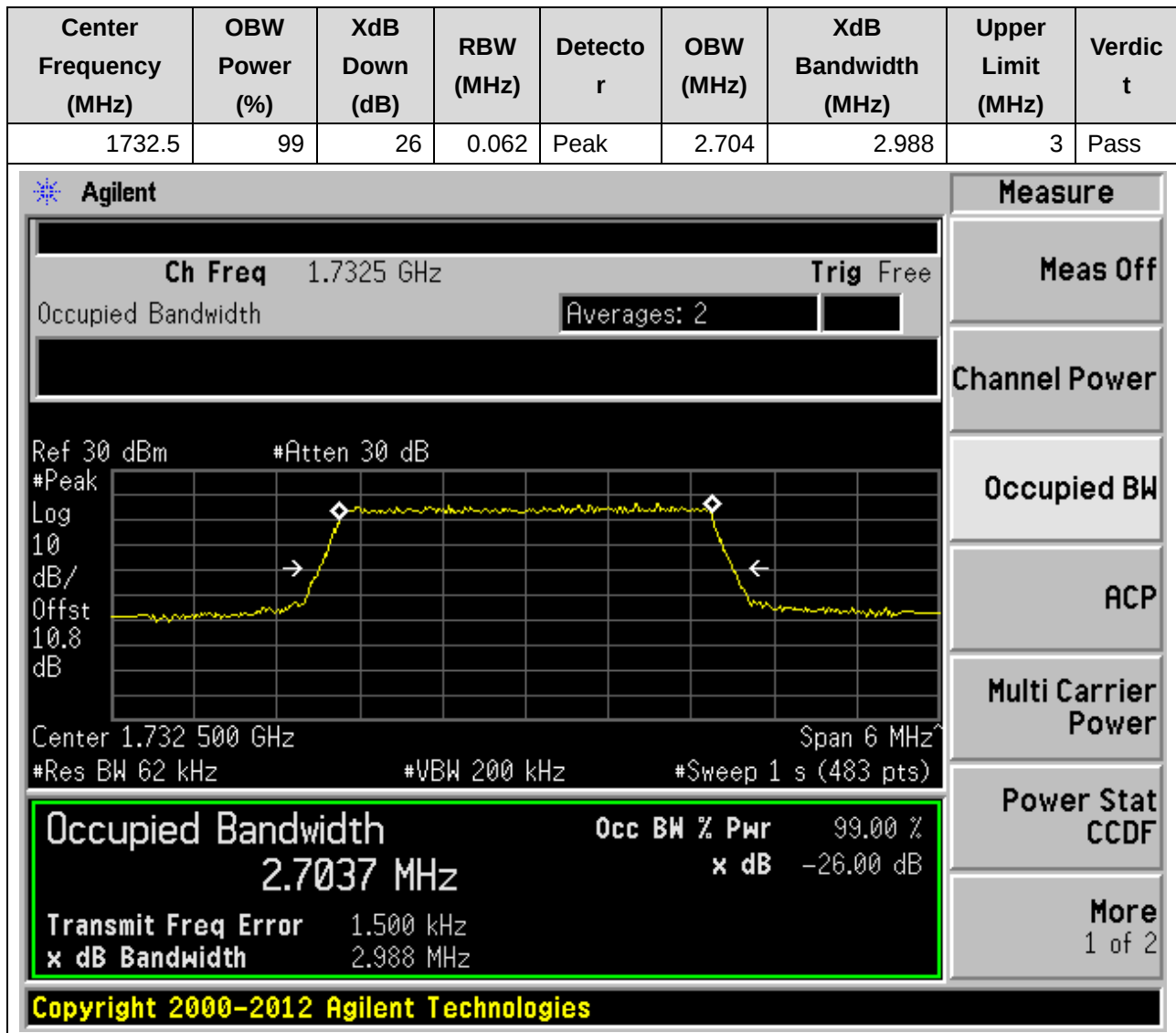
5.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



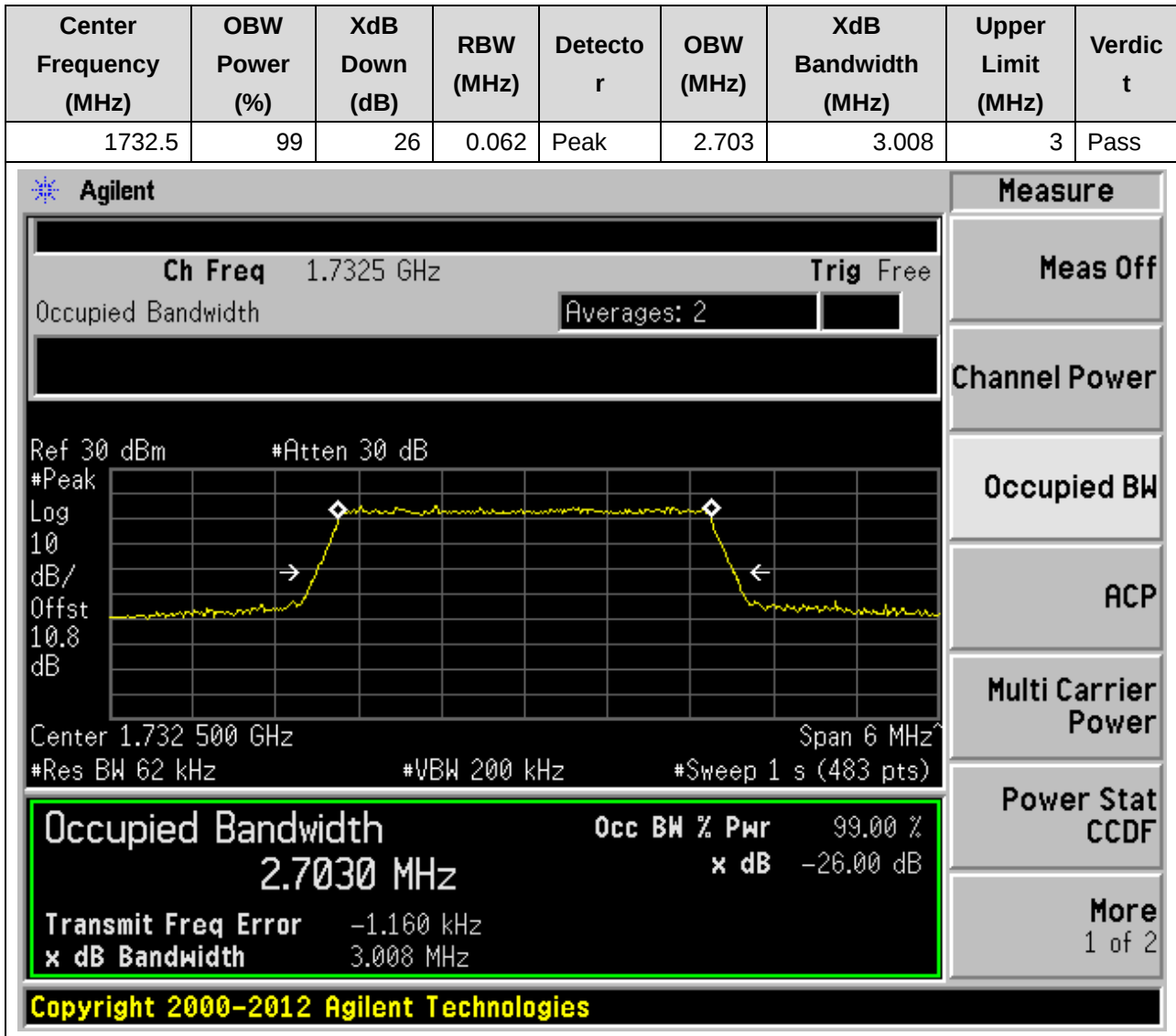
5.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



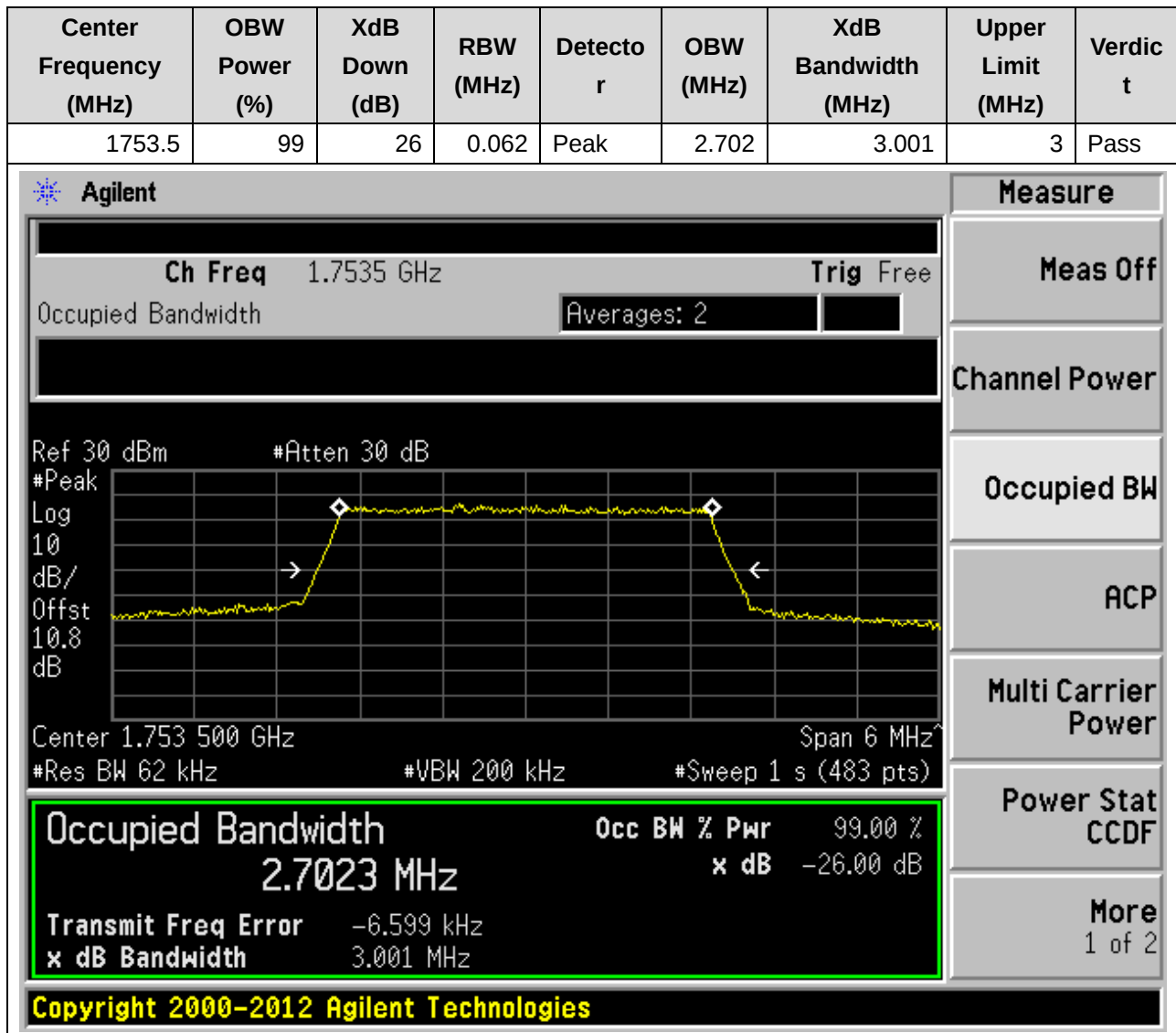
5.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



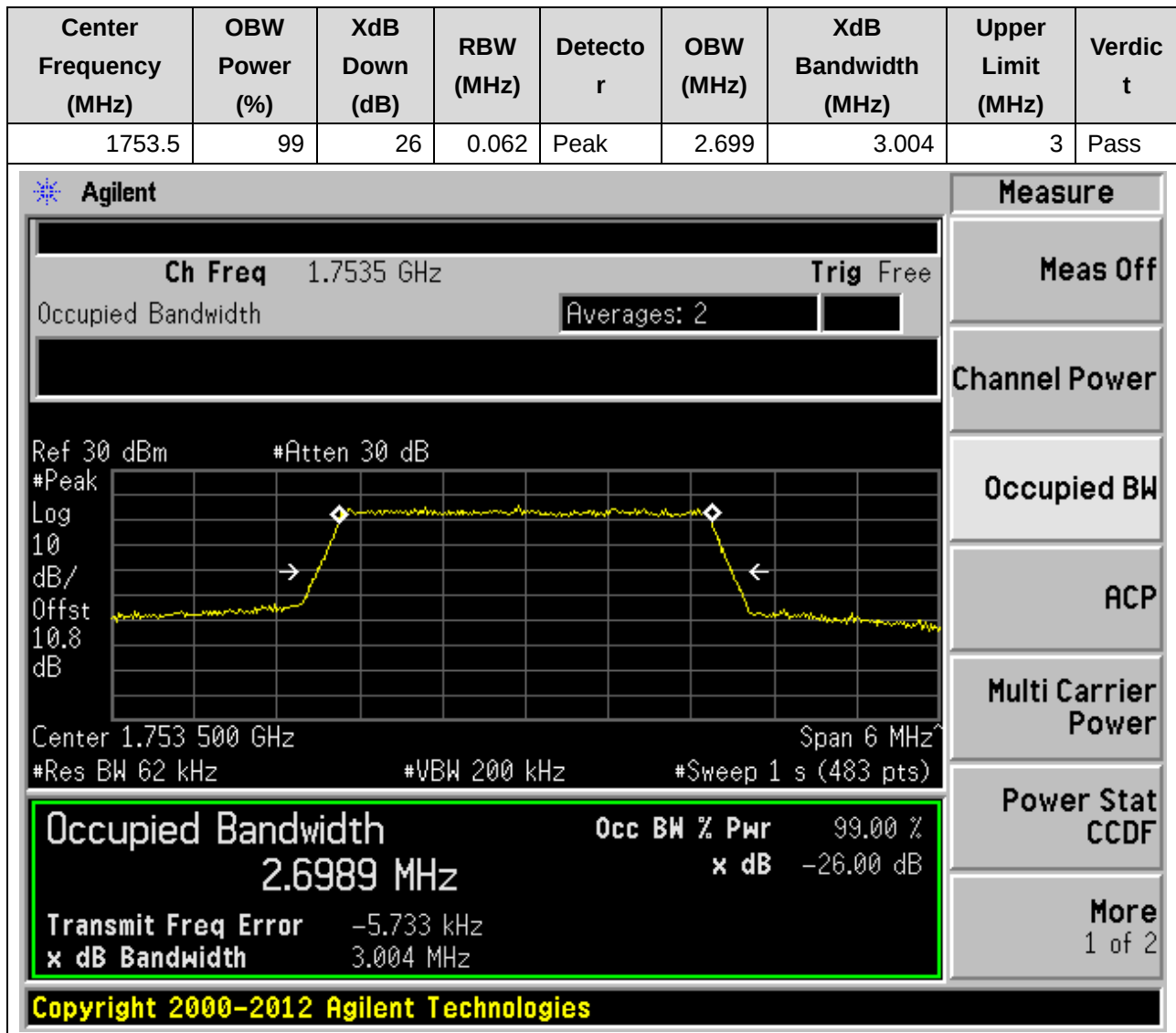
5.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



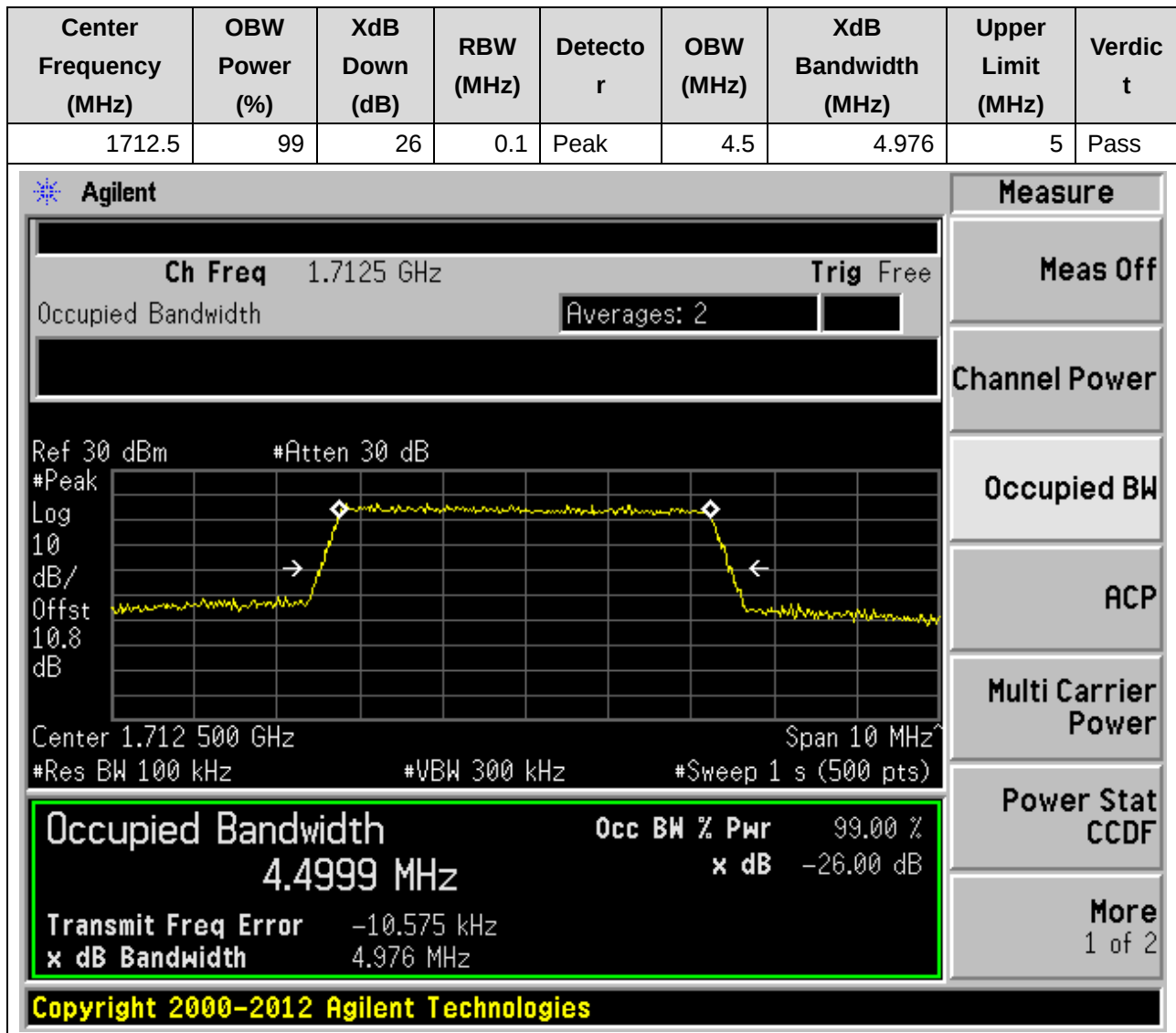
5.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



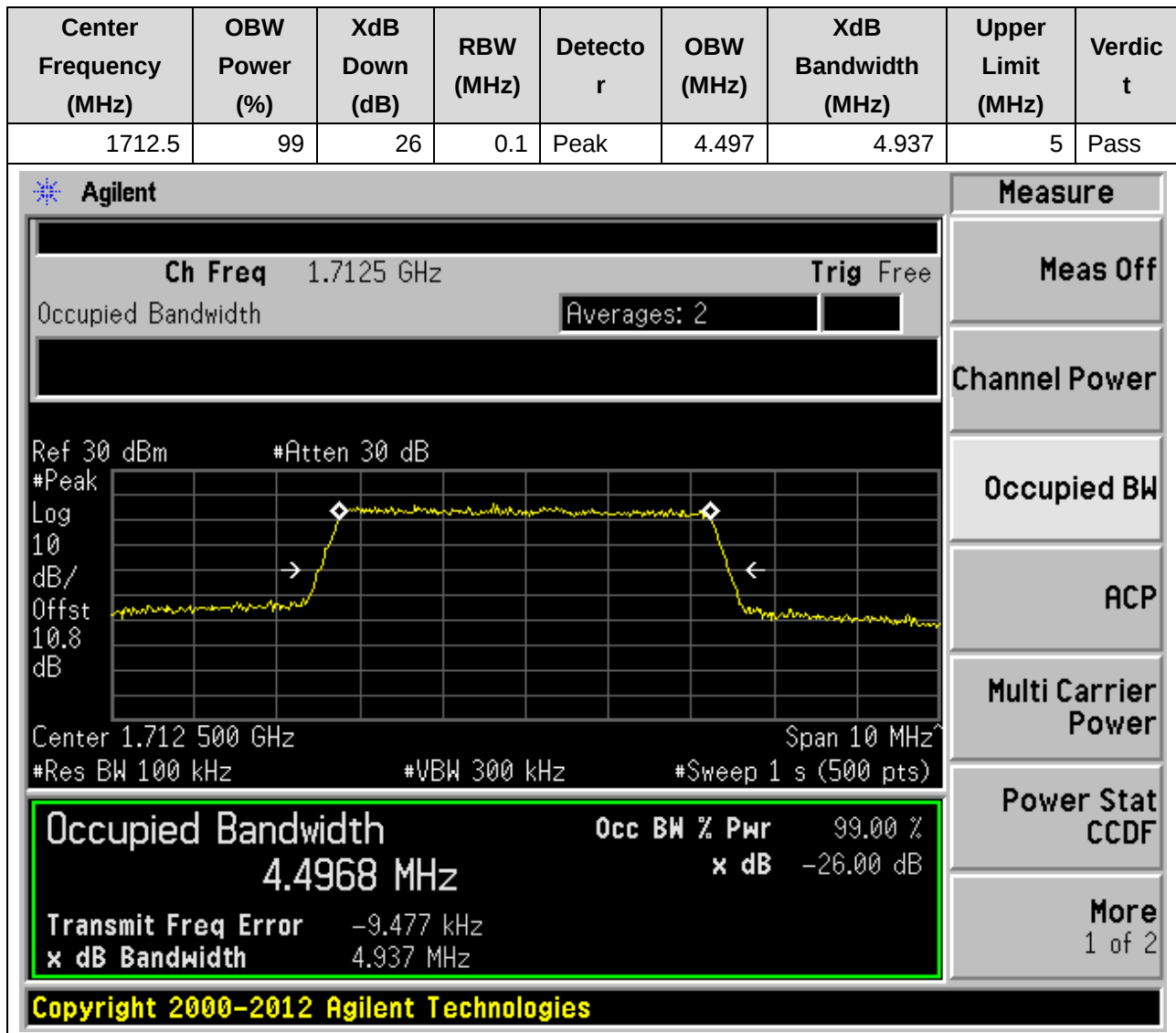
5.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



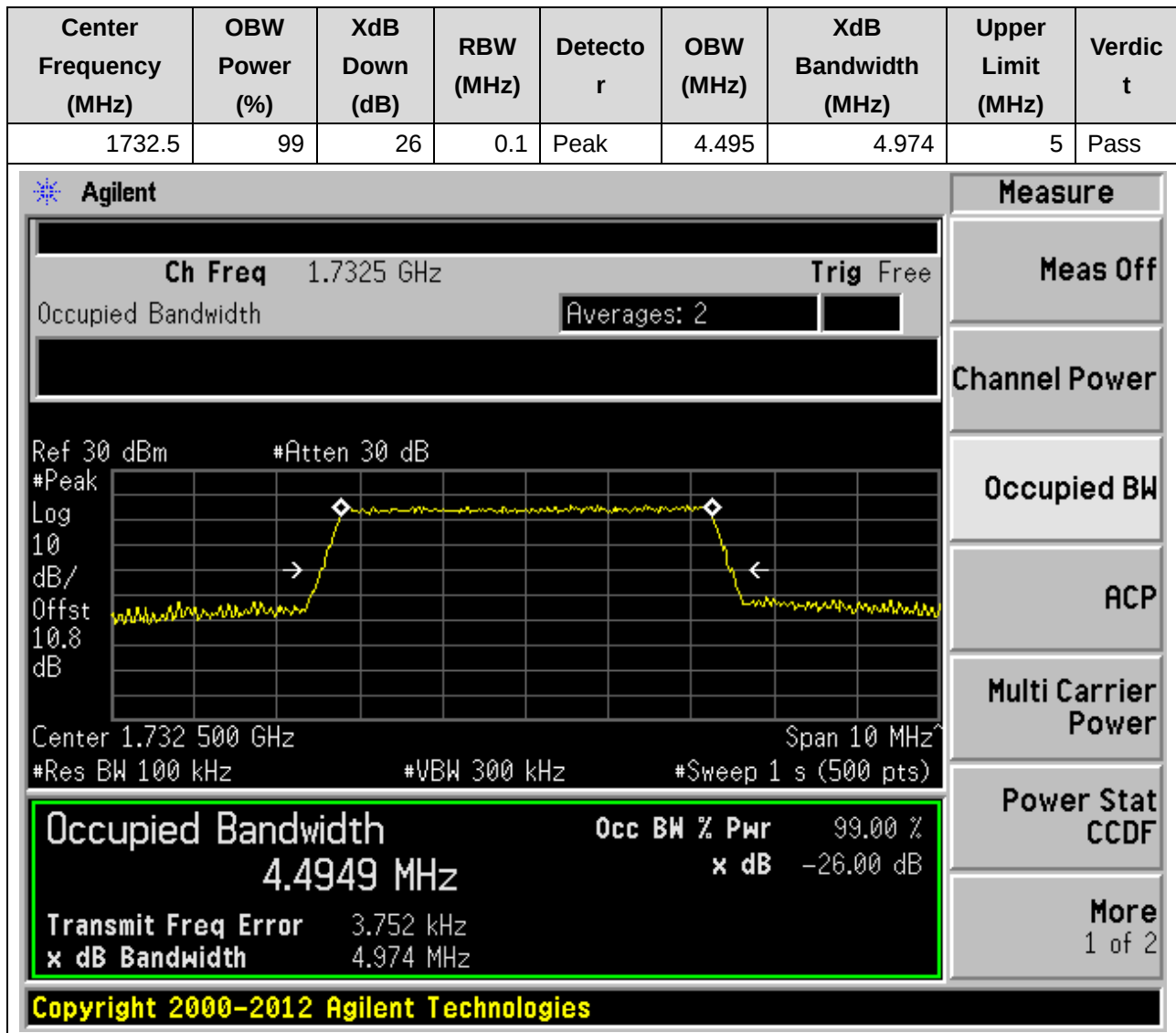
5.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



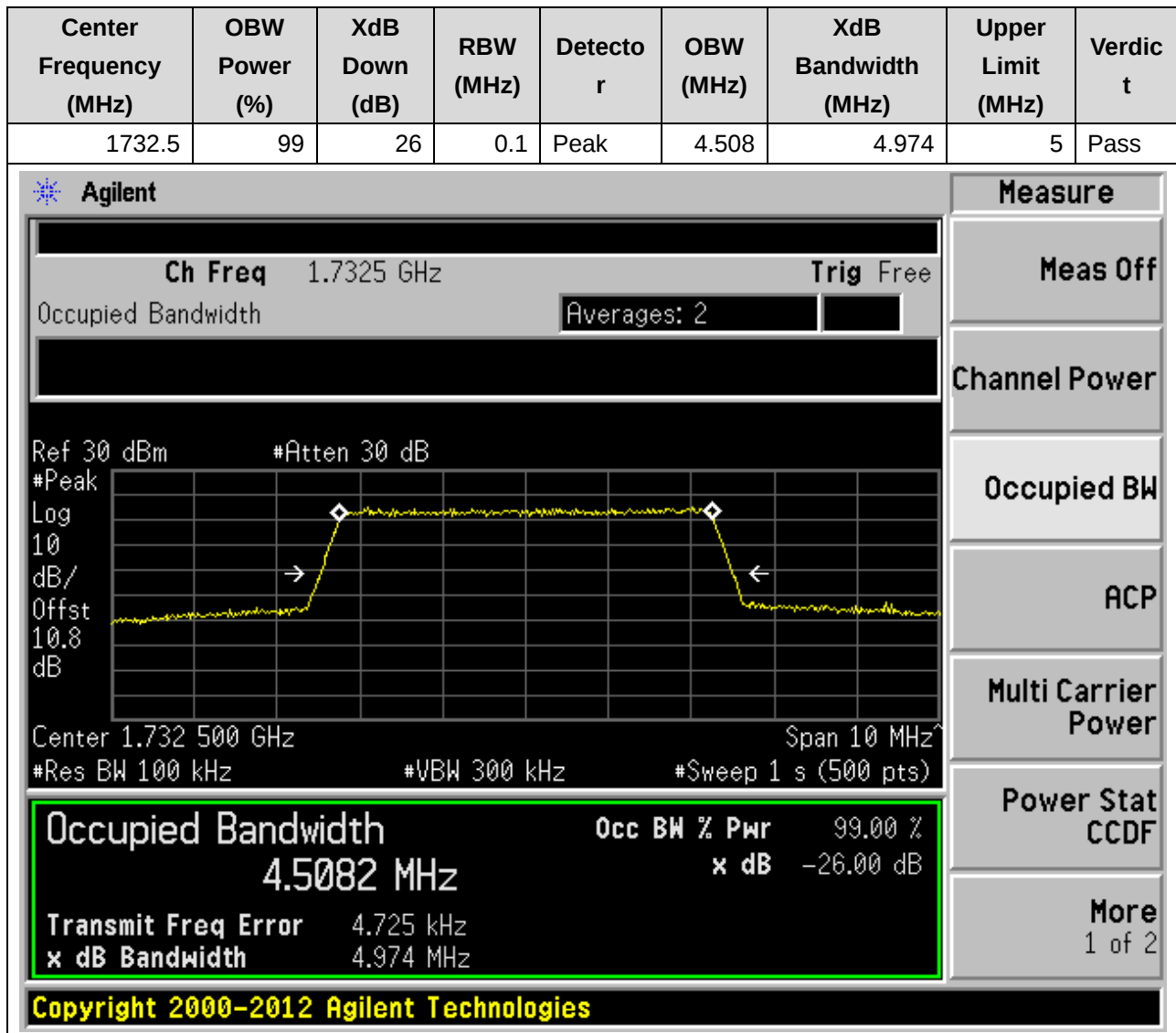
5.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



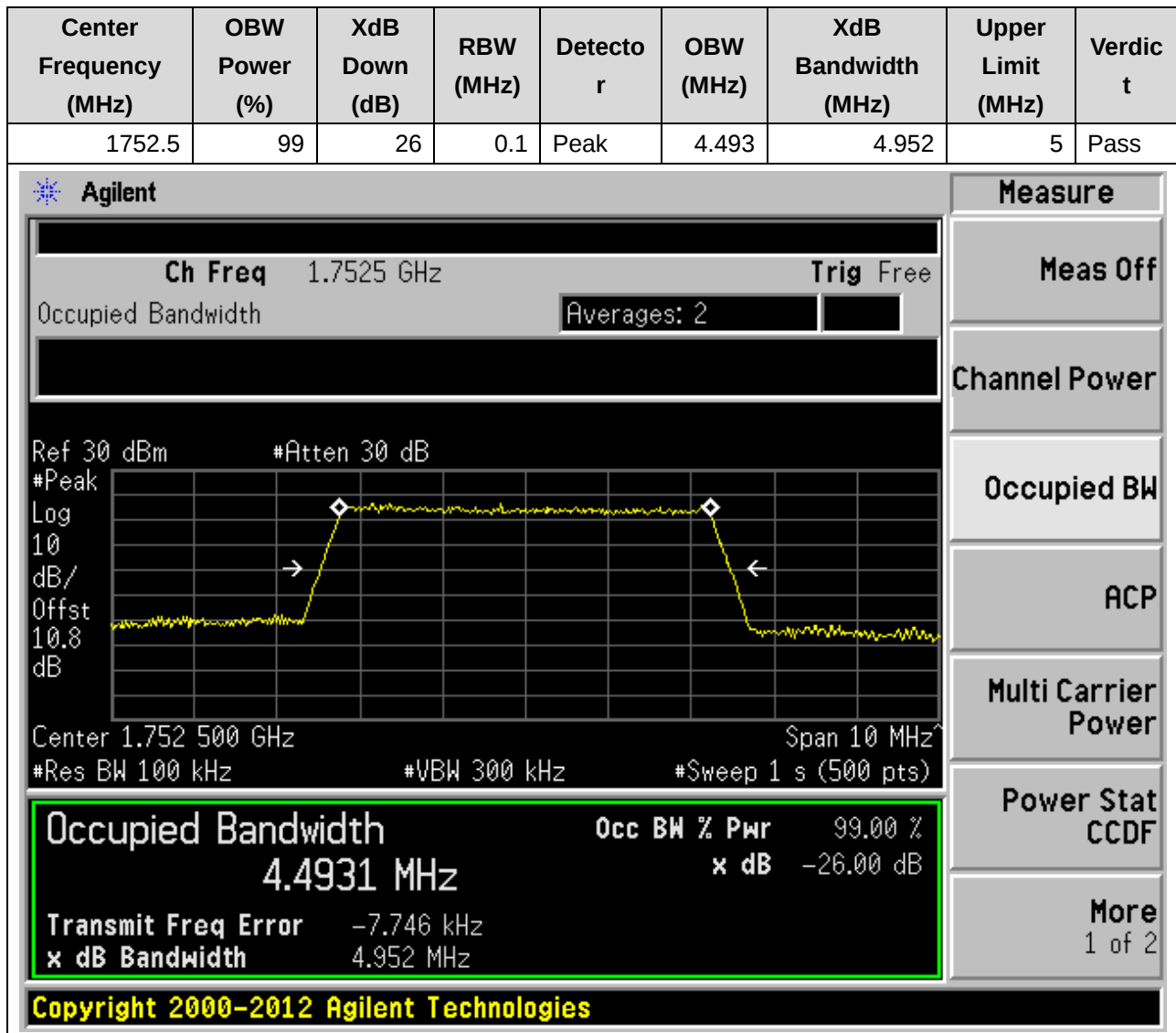
5.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



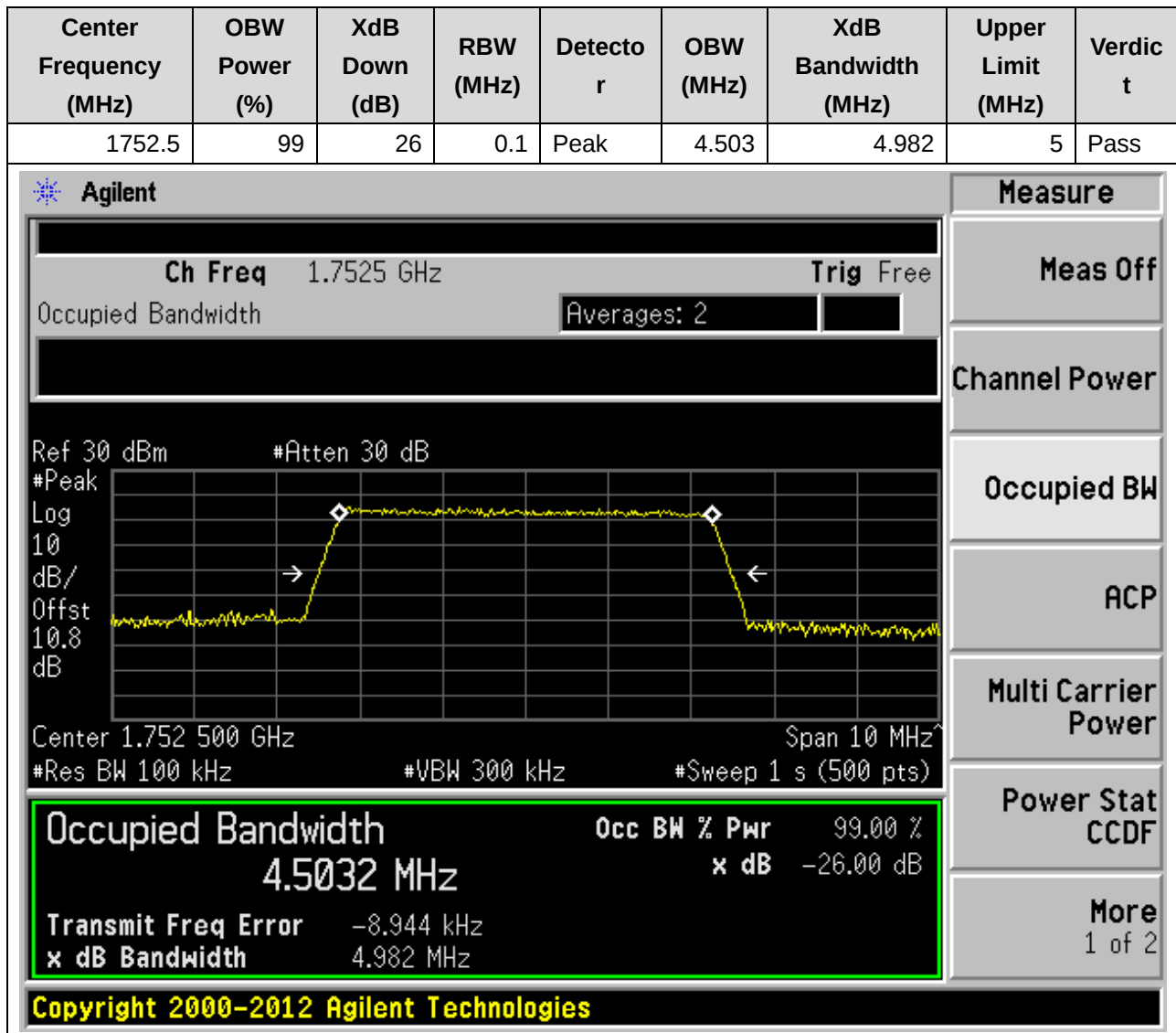
5.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



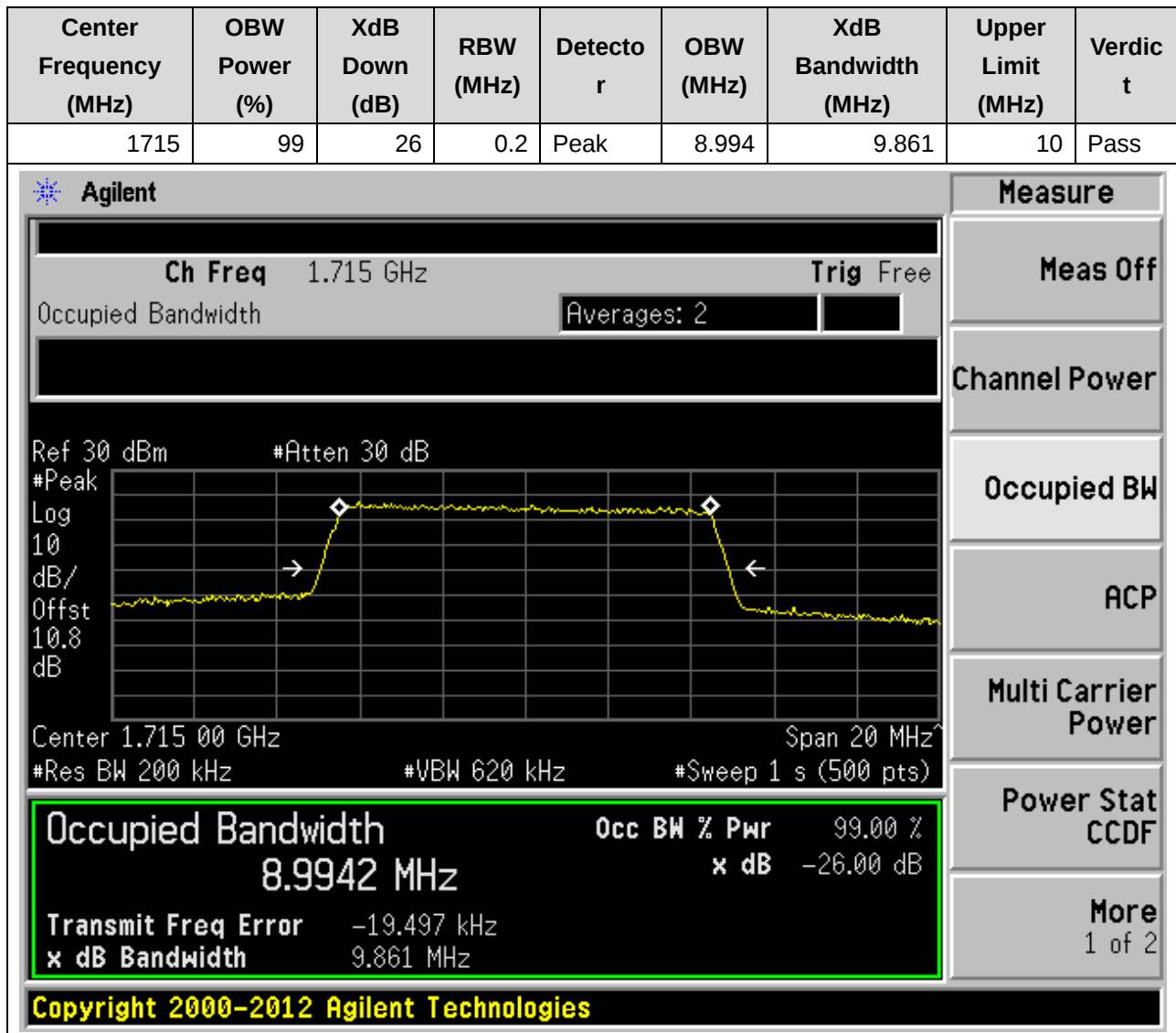
5.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



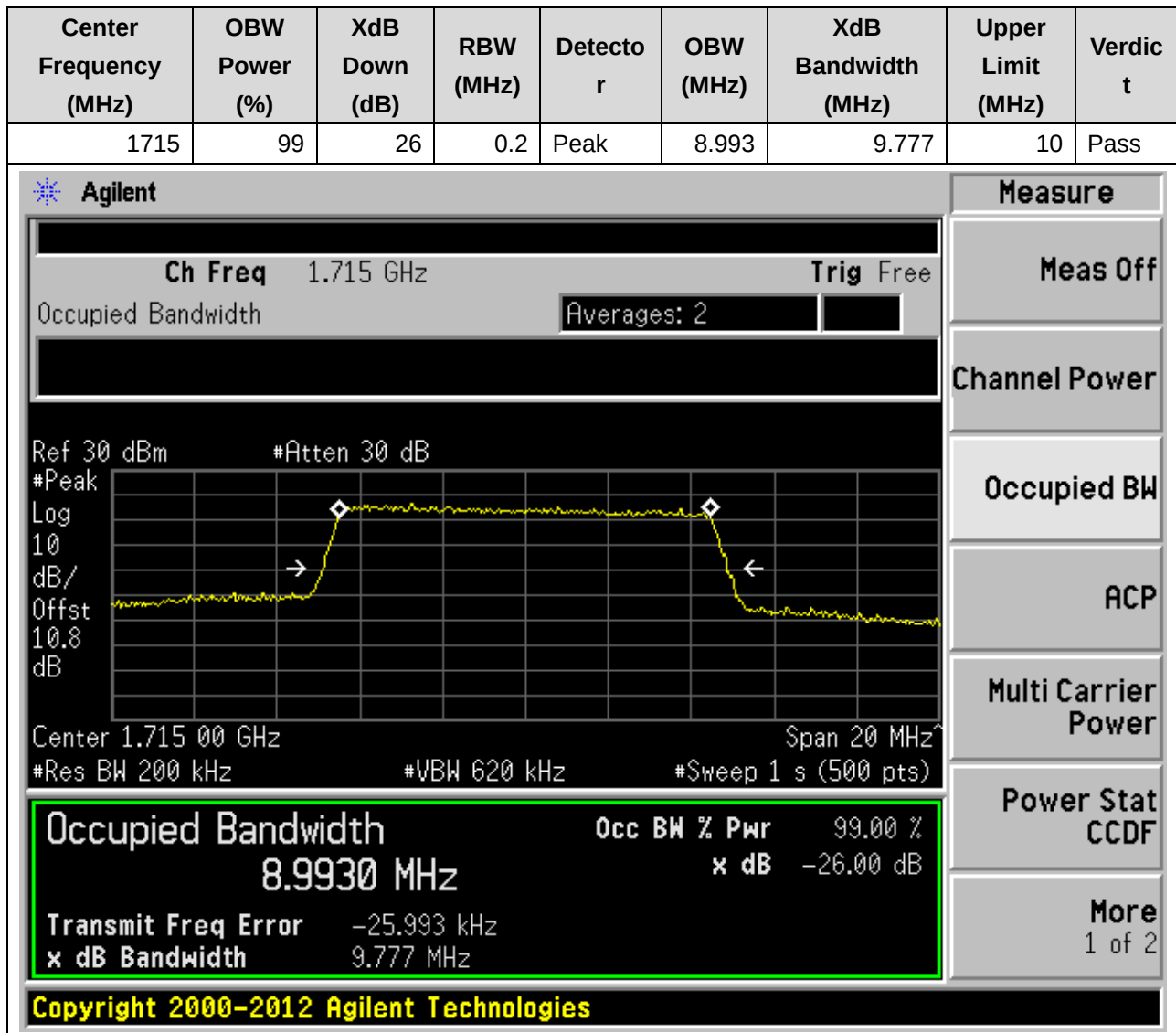
5.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



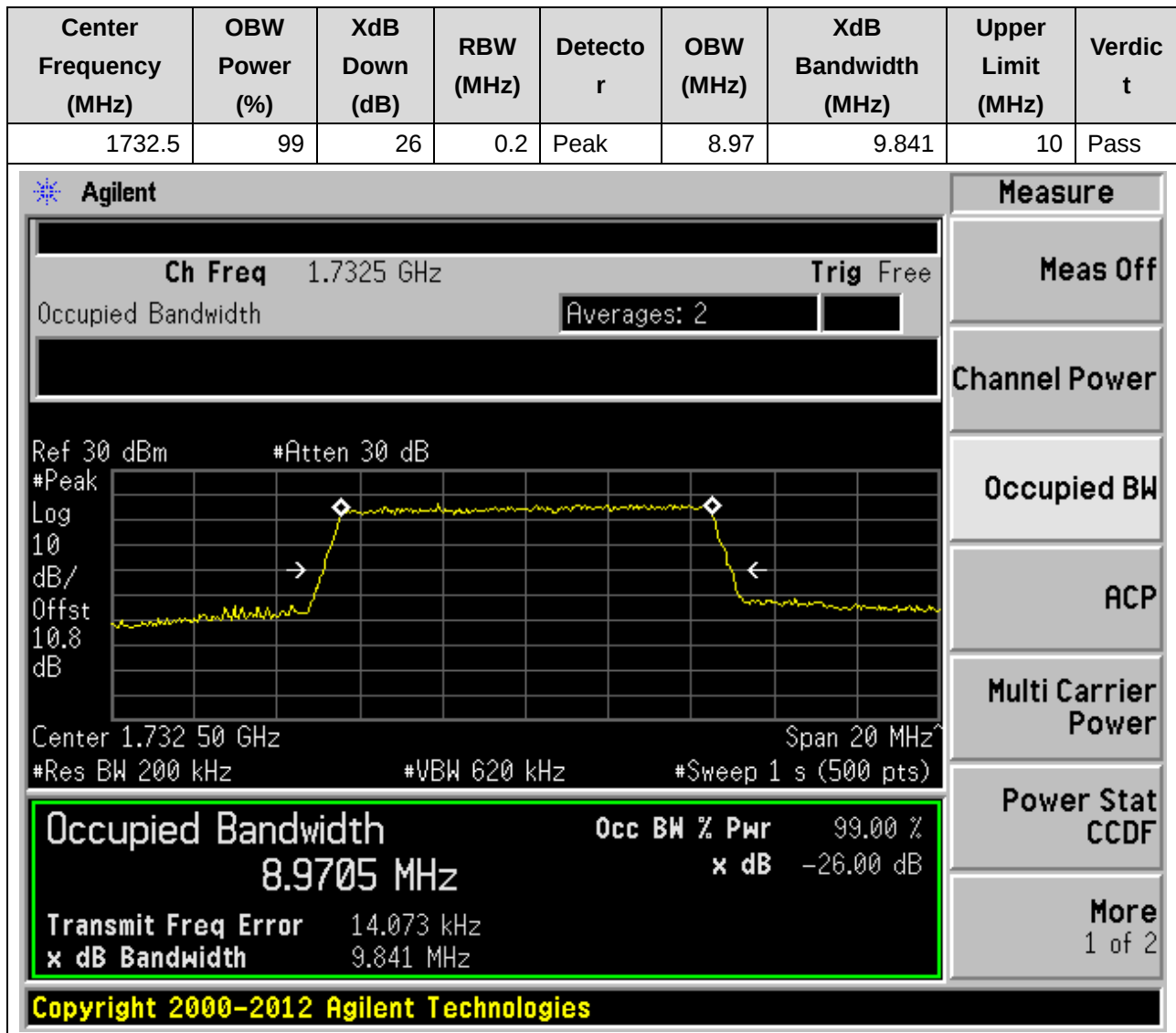
5.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



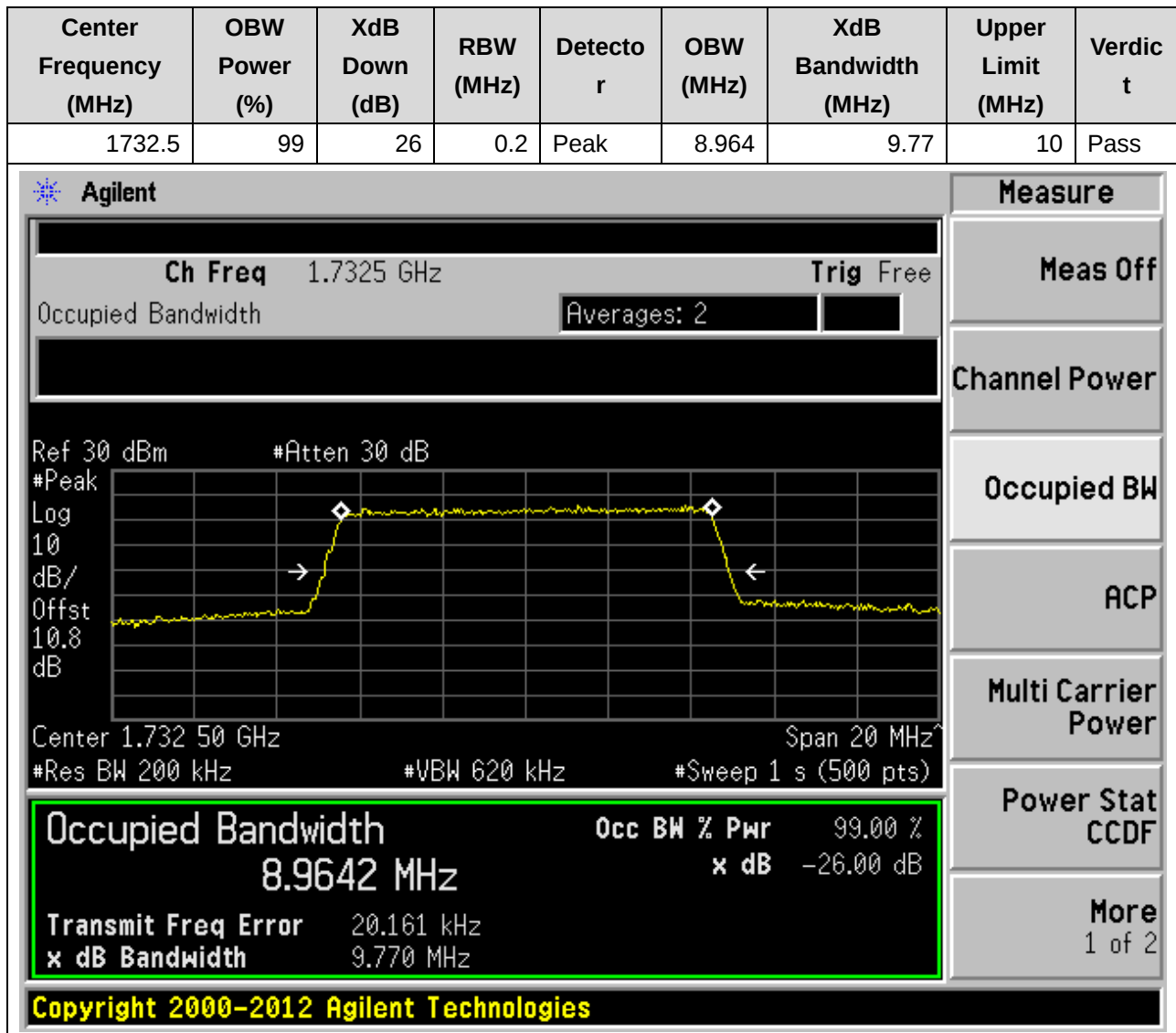
5.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



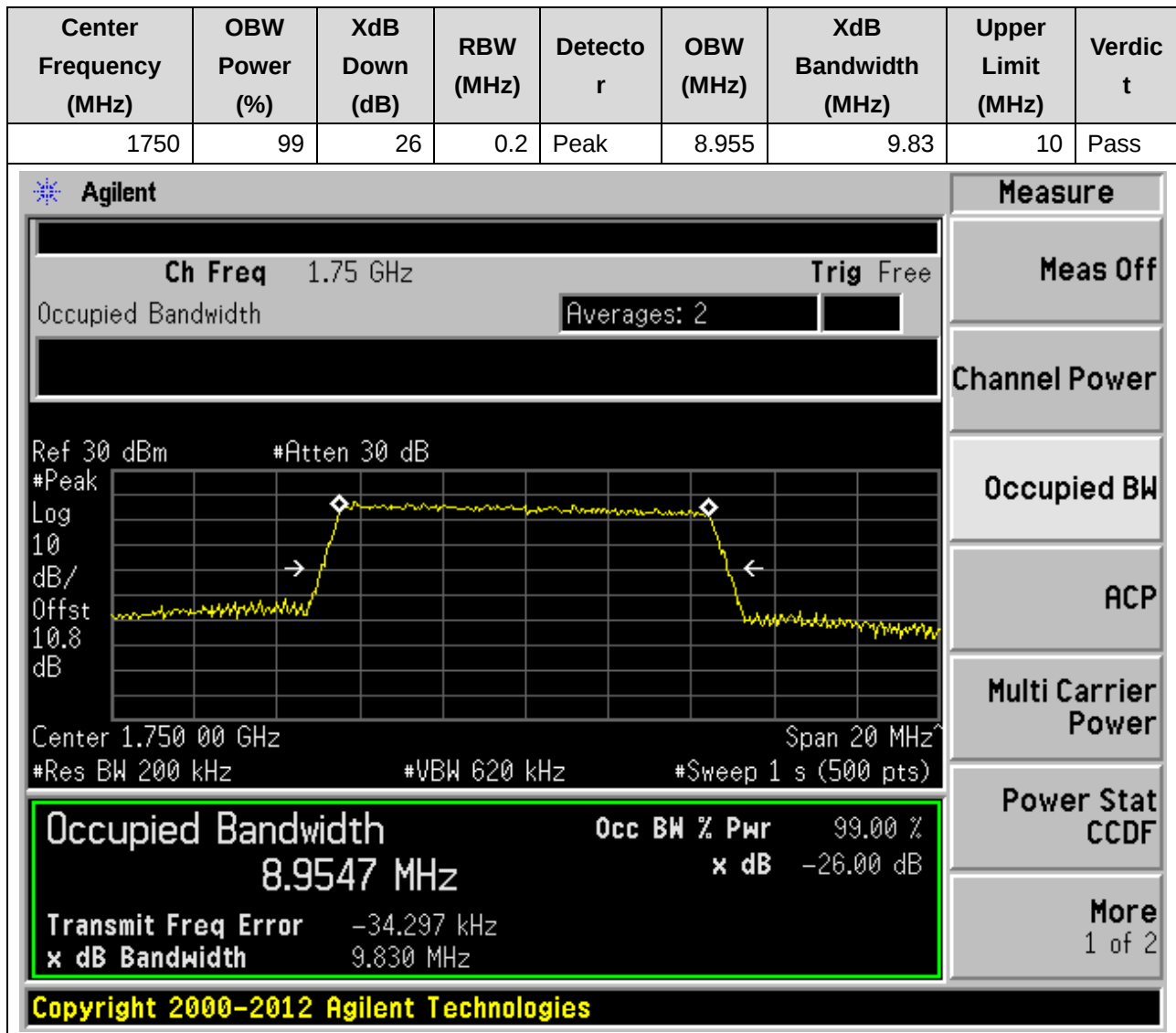
5.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



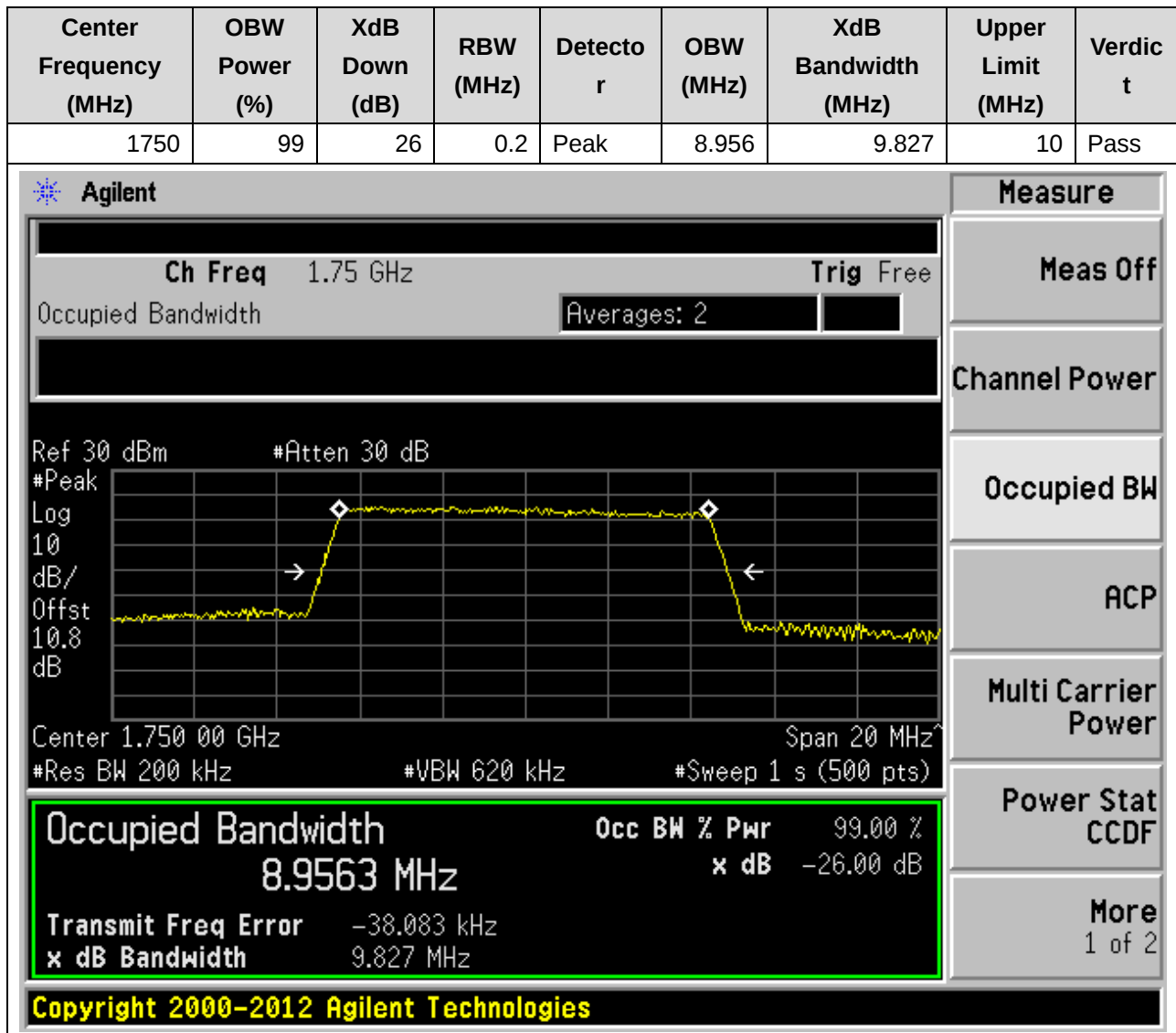
5.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



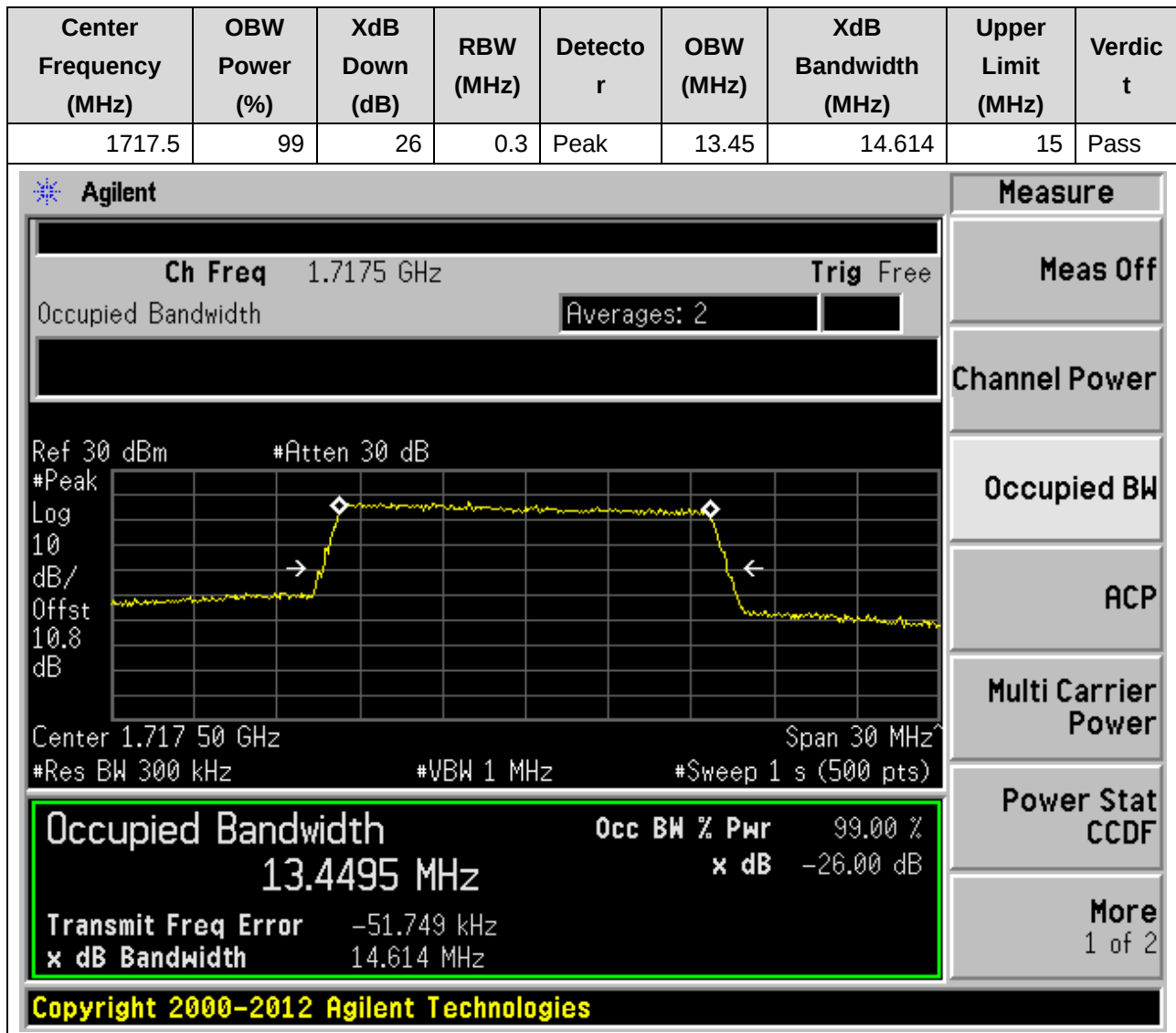
5.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



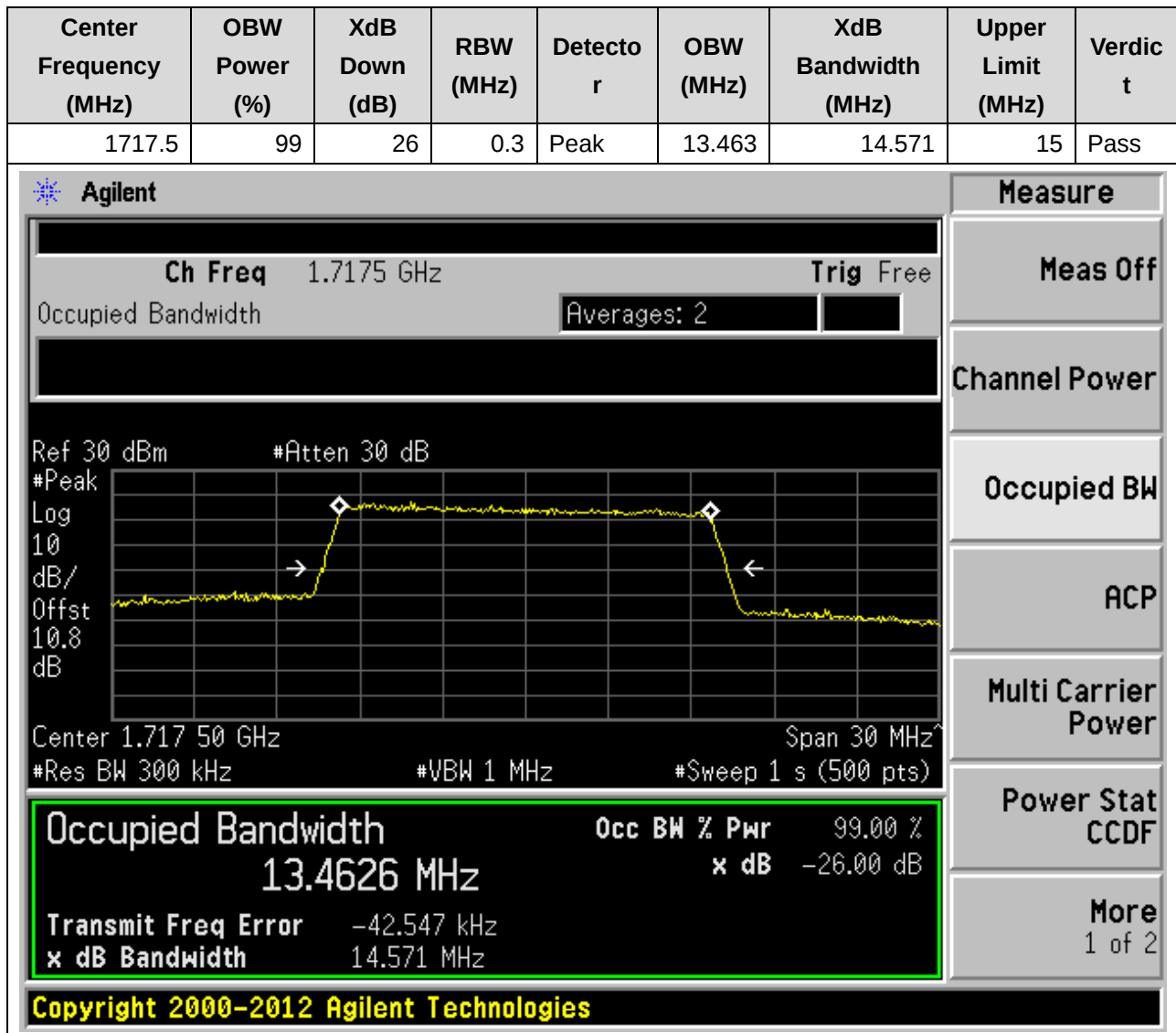
5.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



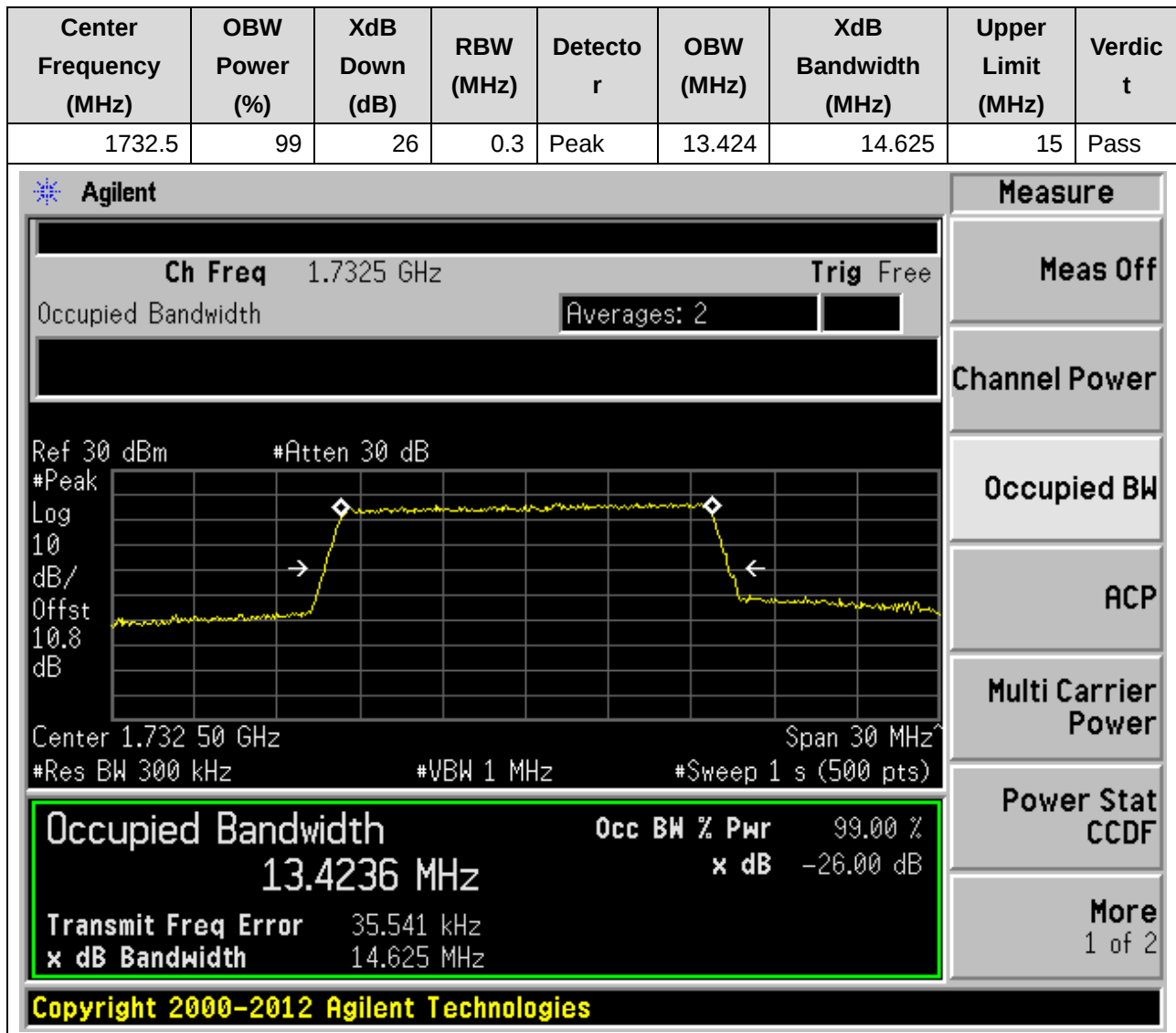
5.25. LTE Occupied Bandwidth(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



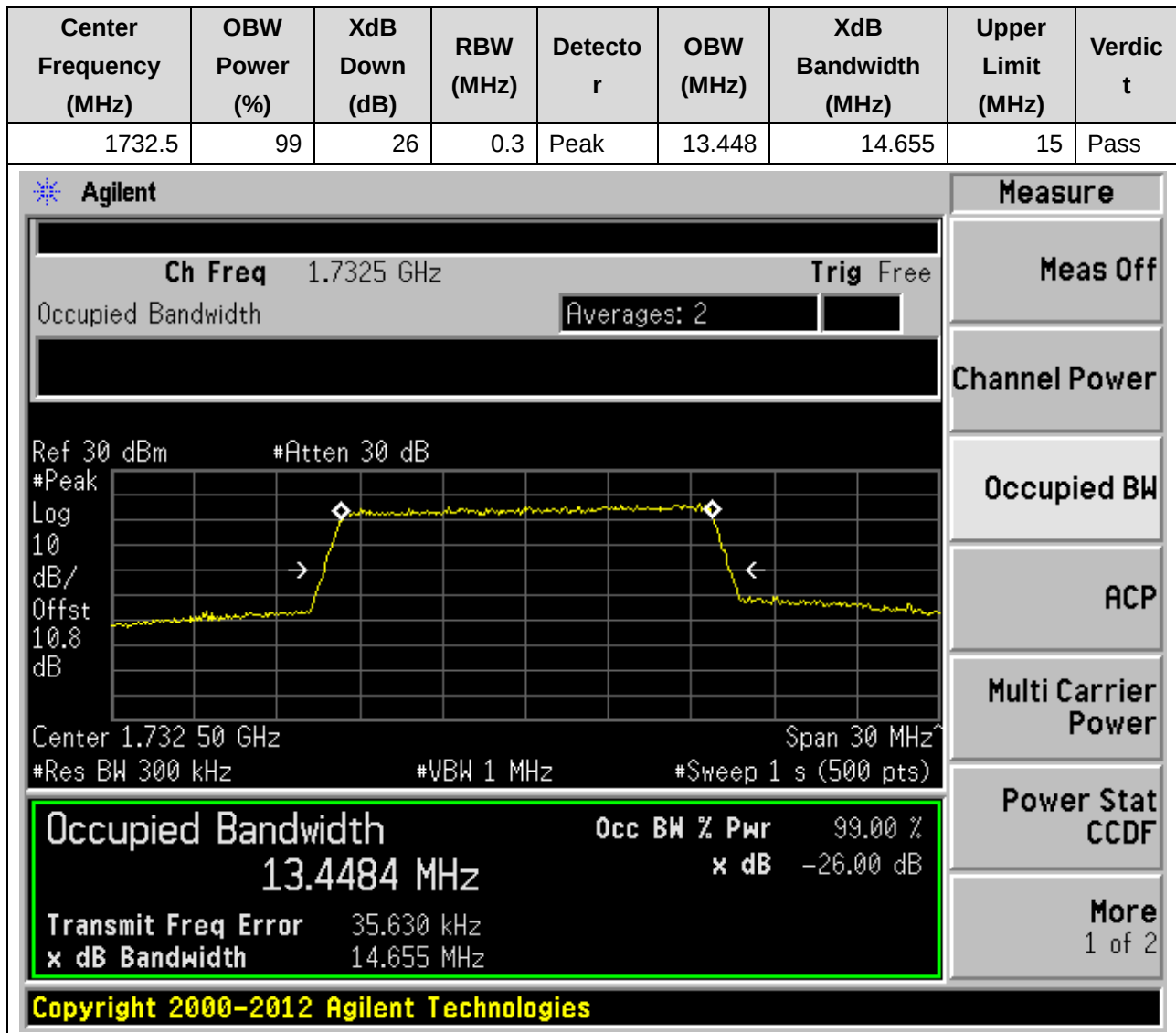
5.26. LTE Occupied Bandwidth(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



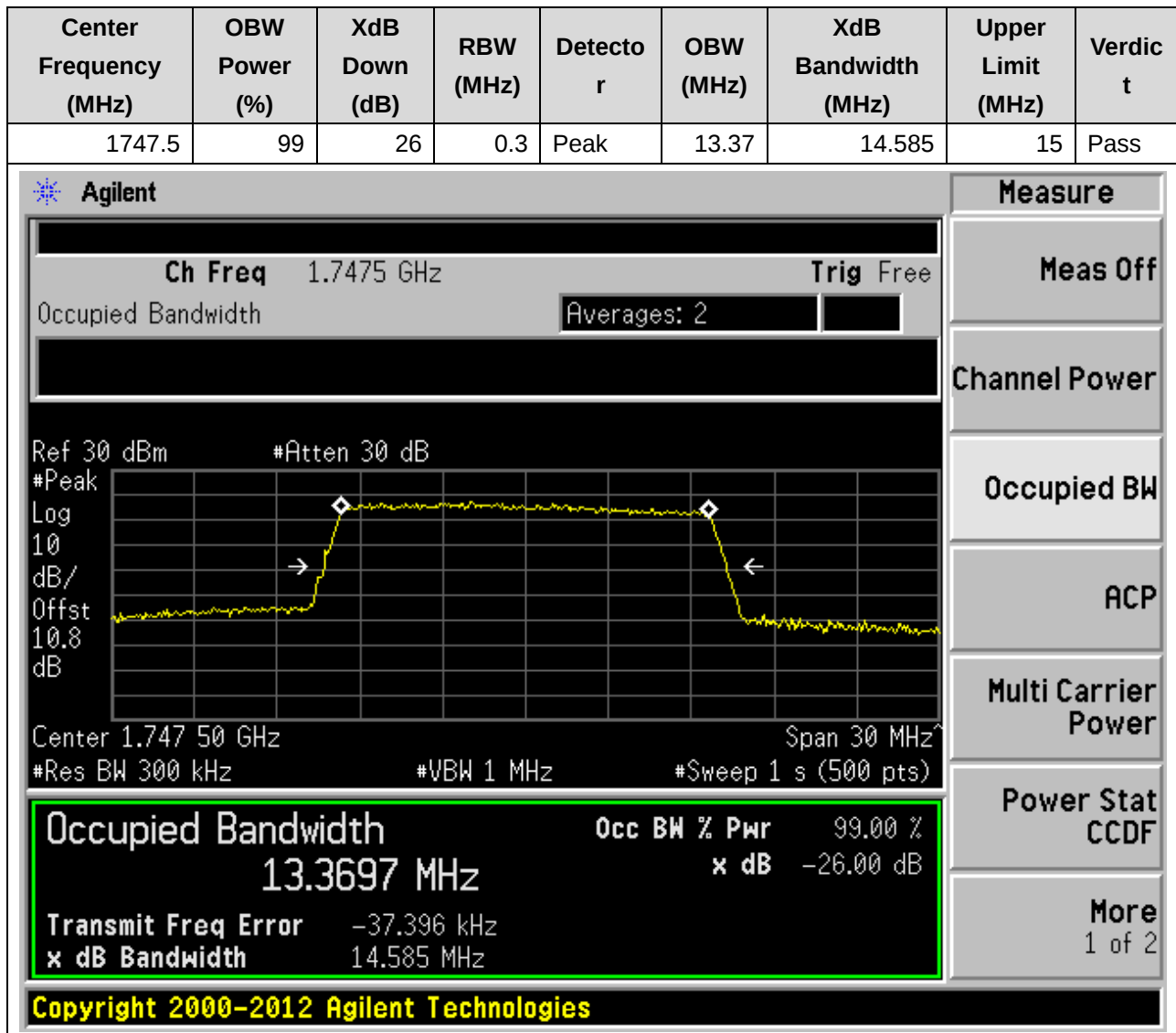
5.27. LTE Occupied Bandwidth(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



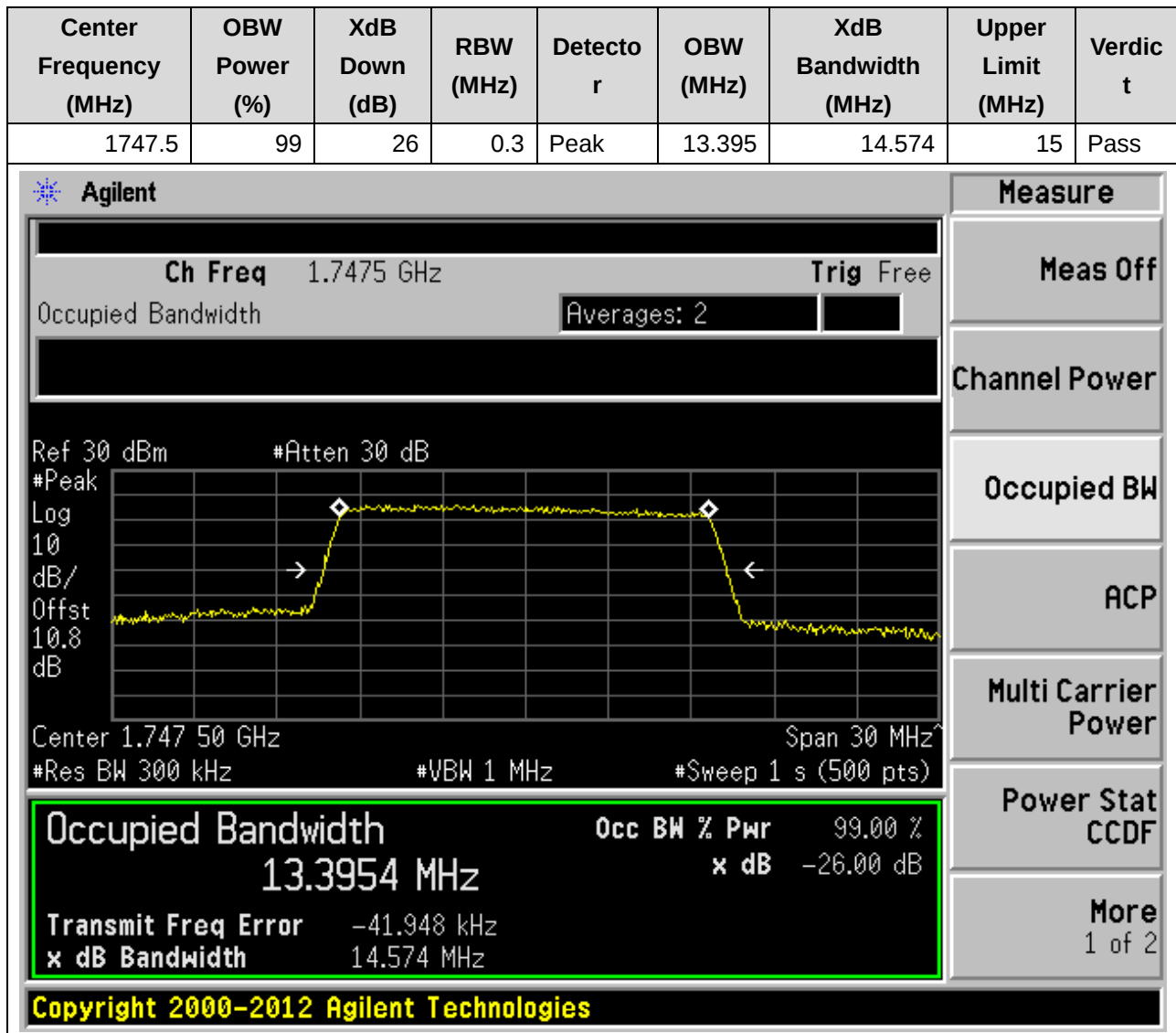
5.28. LTE Occupied Bandwidth(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



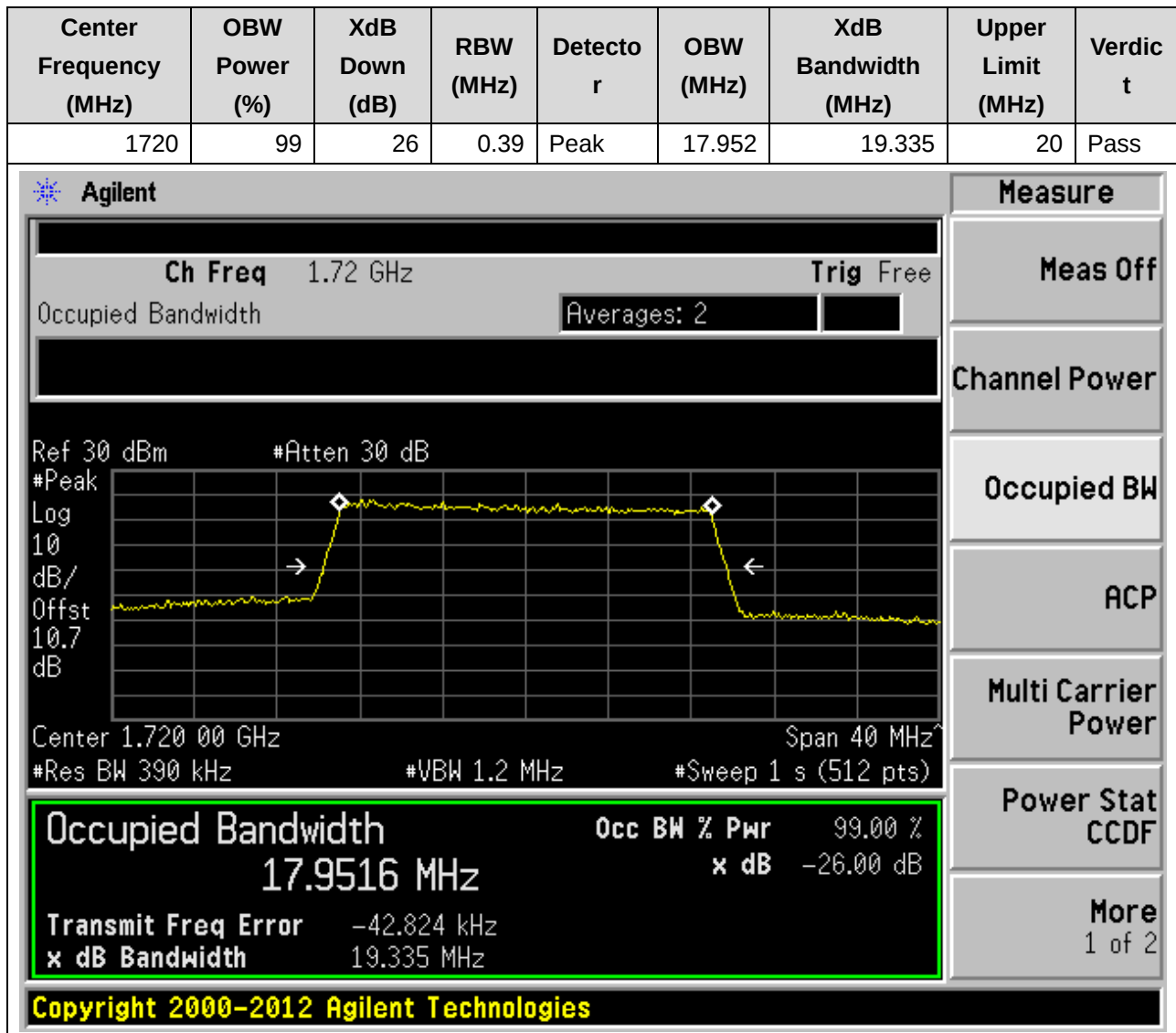
5.29. LTE Occupied Bandwidth(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



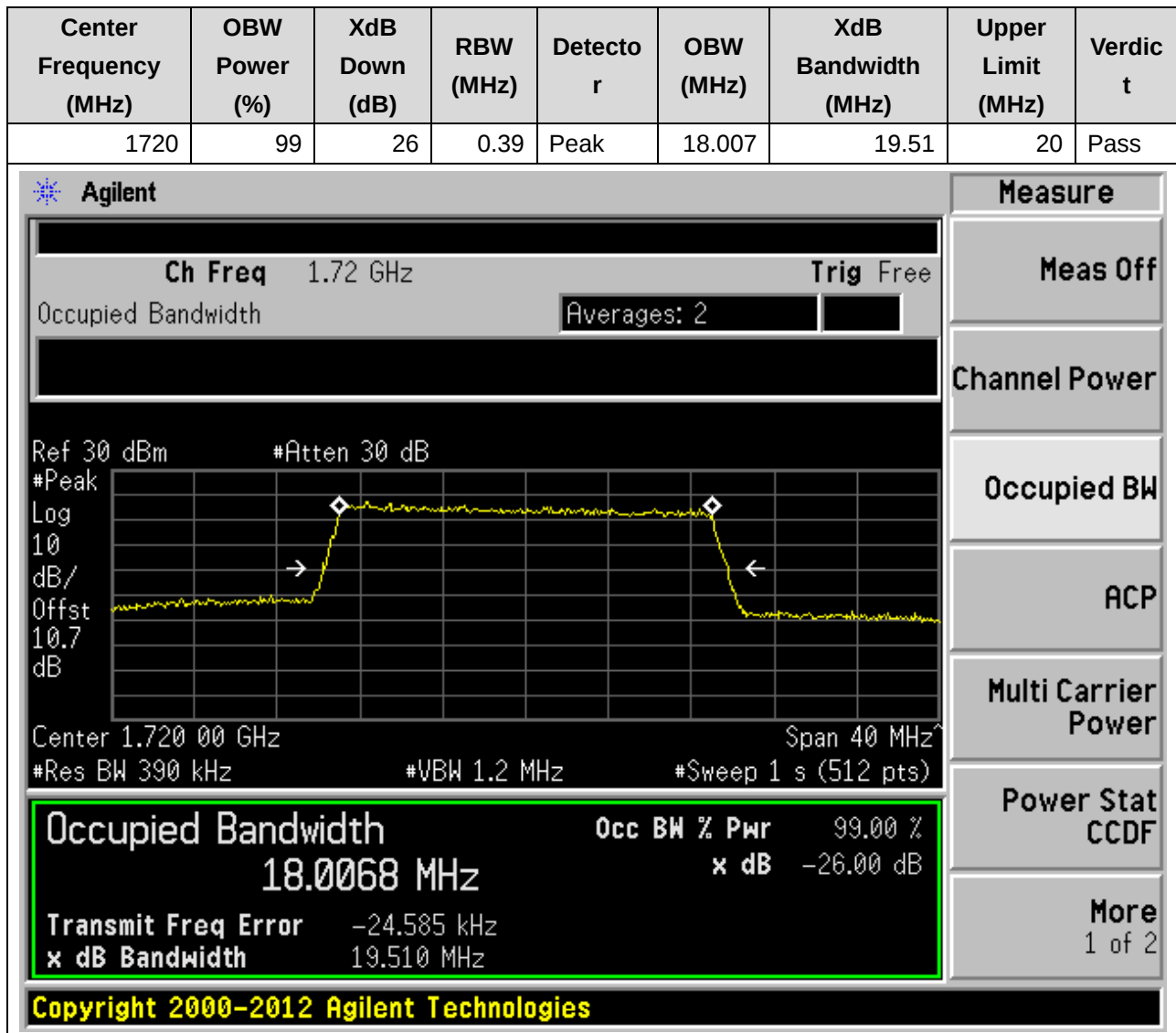
5.30. LTE Occupied Bandwidth(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



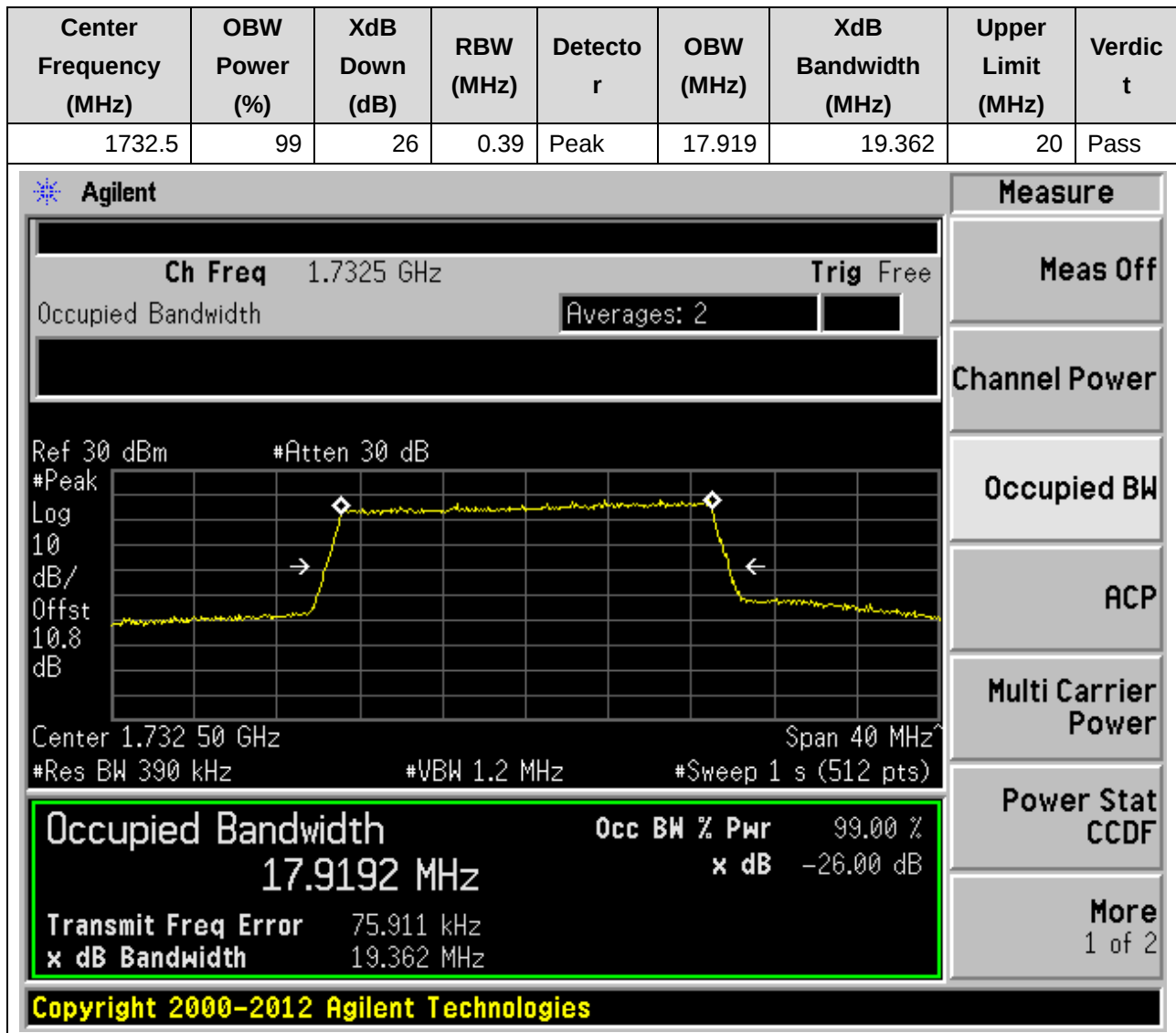
5.31. LTE Occupied Bandwidth(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



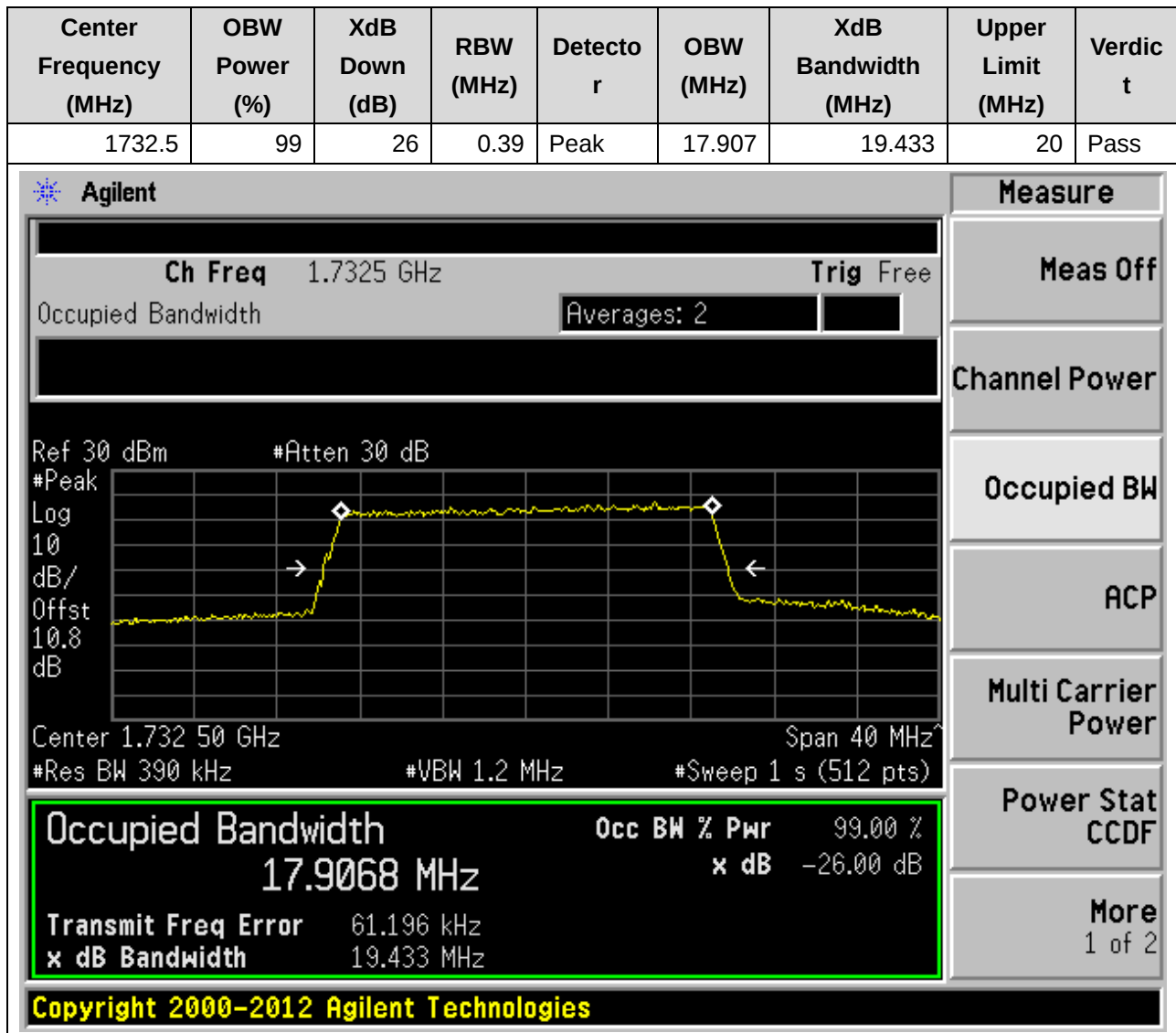
5.32. LTE Occupied Bandwidth(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



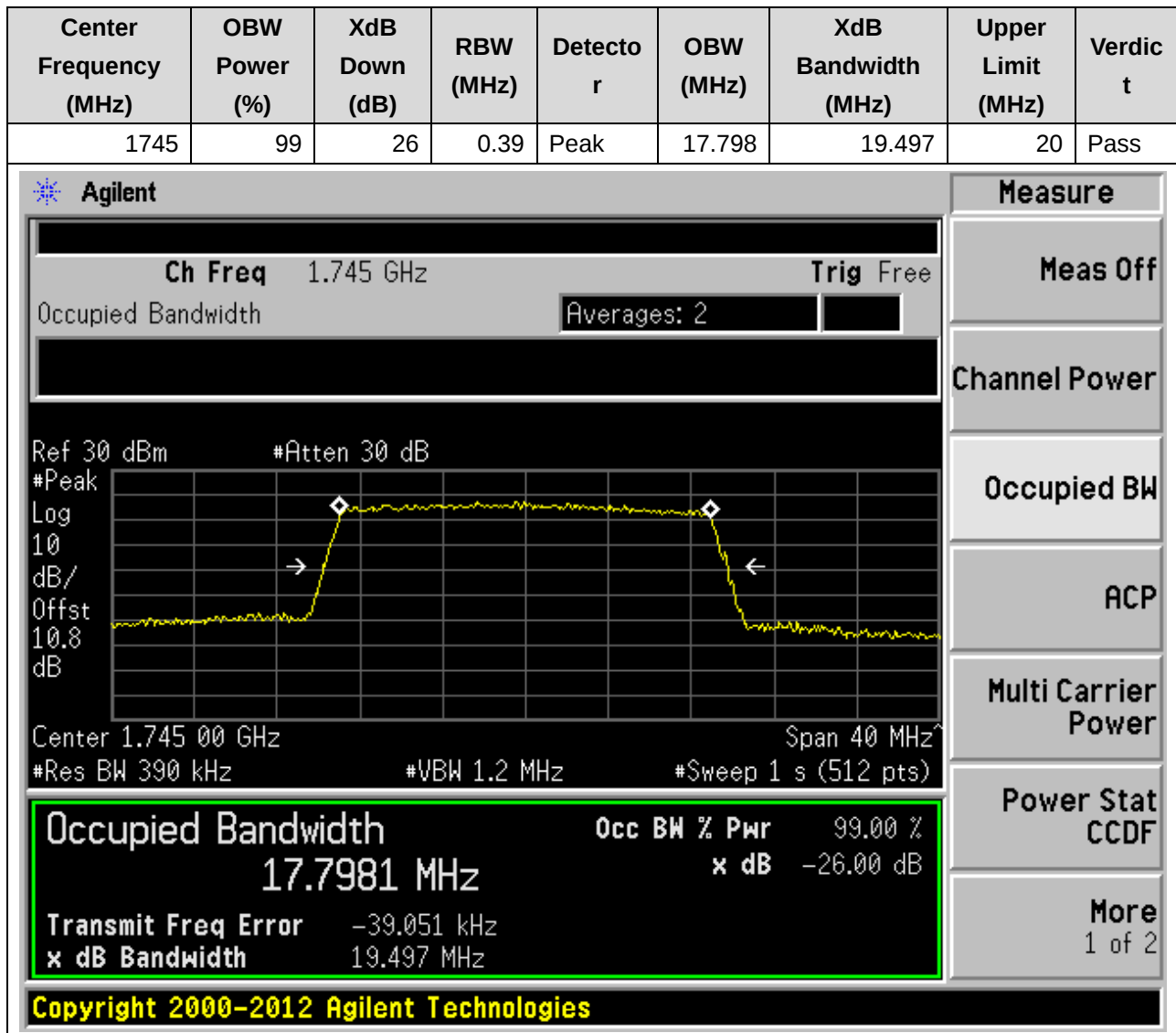
5.33. LTE Occupied Bandwidth(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



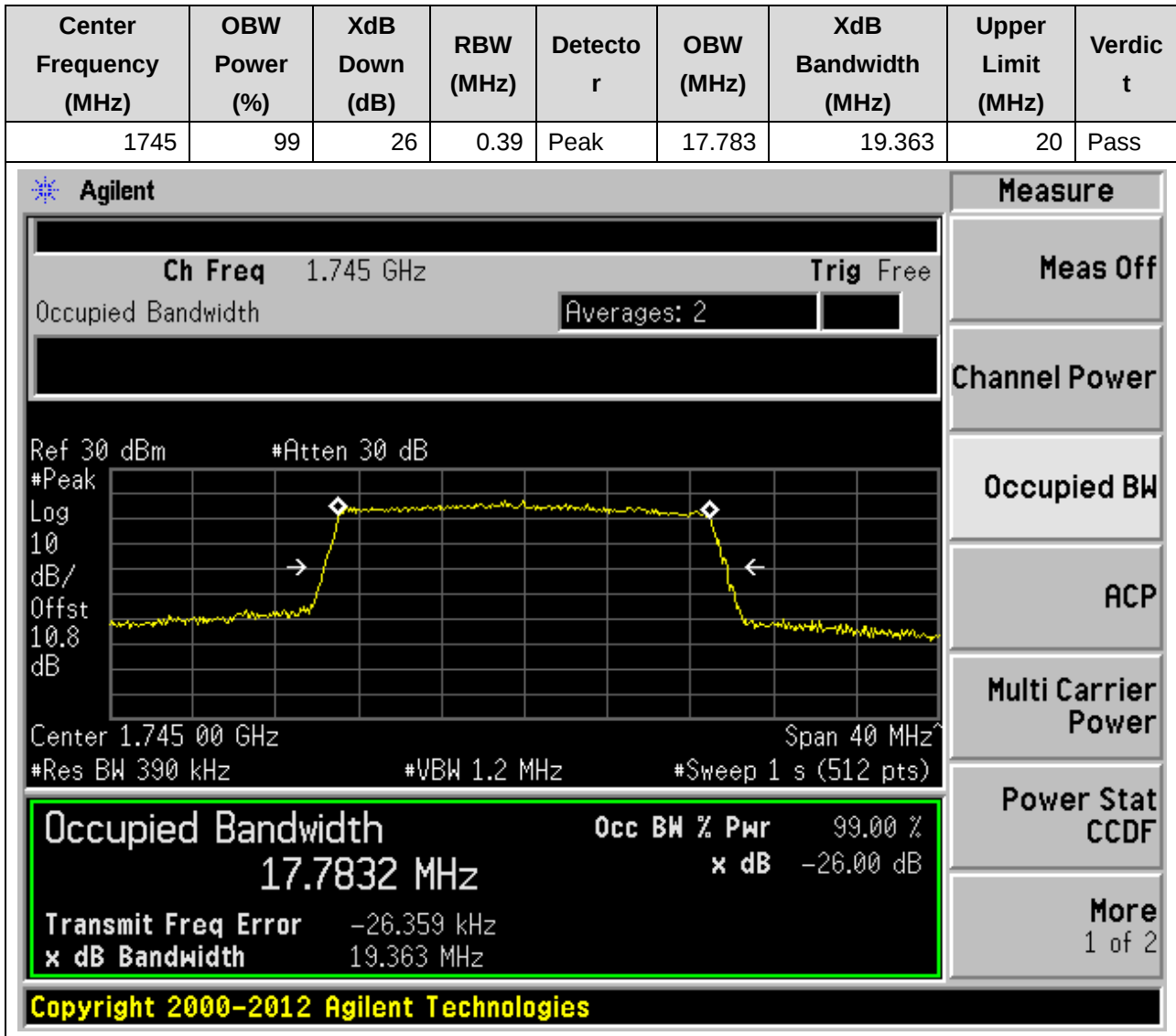
5.34. LTE Occupied Bandwidth(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



5.35. LTE Occupied Bandwidth(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

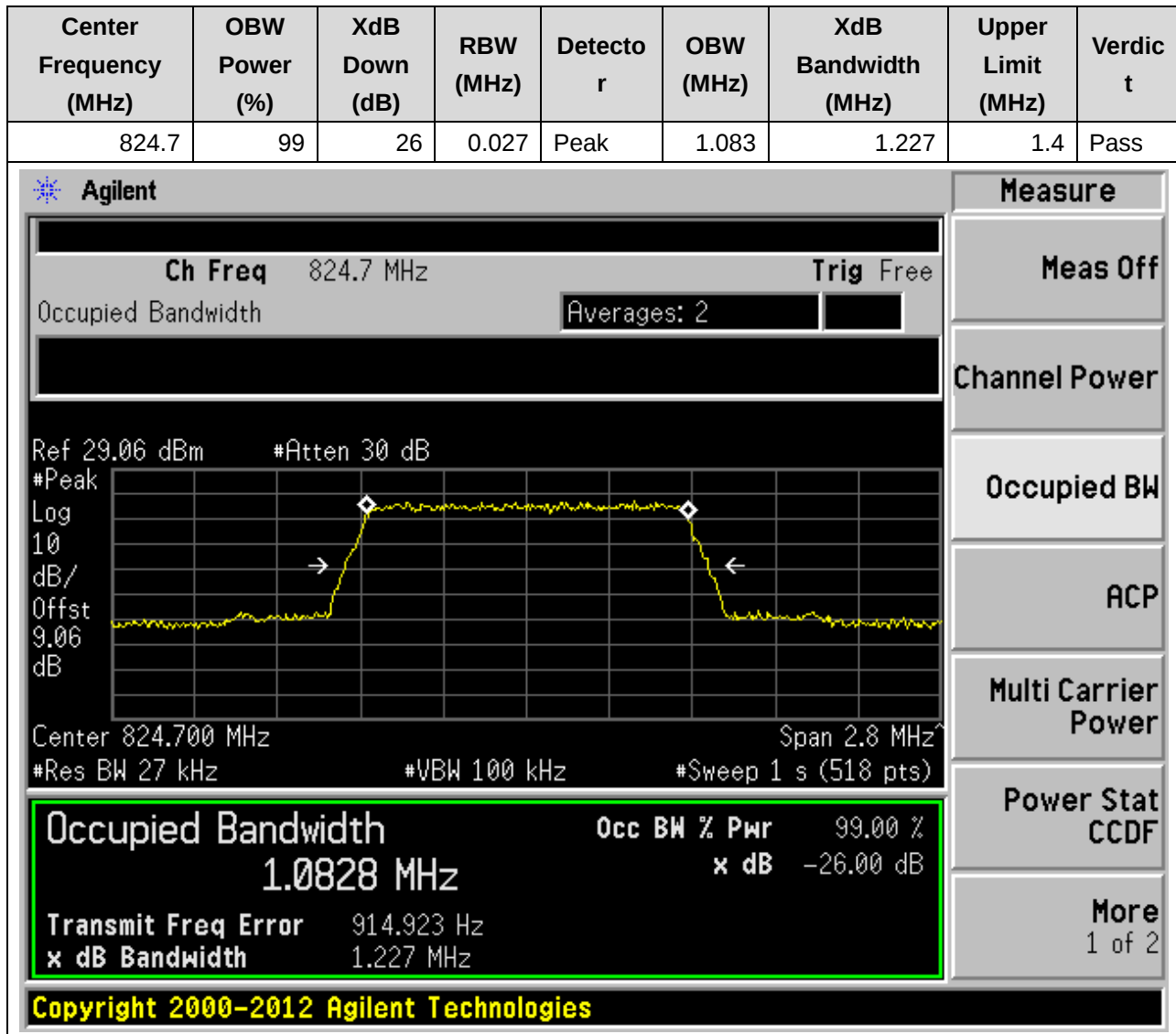


5.36. LTE Occupied Bandwidth(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

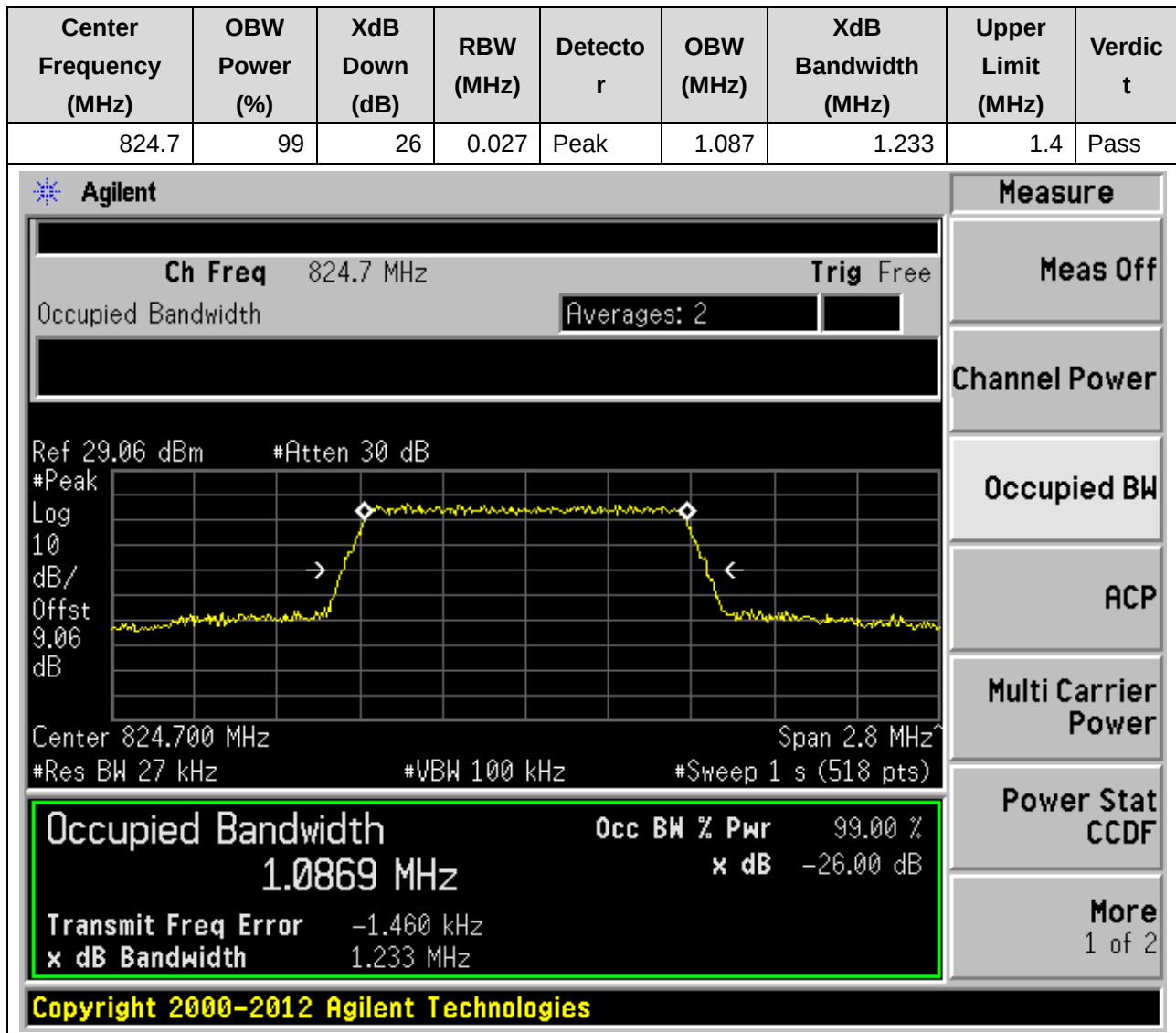


6. LTE_Band5

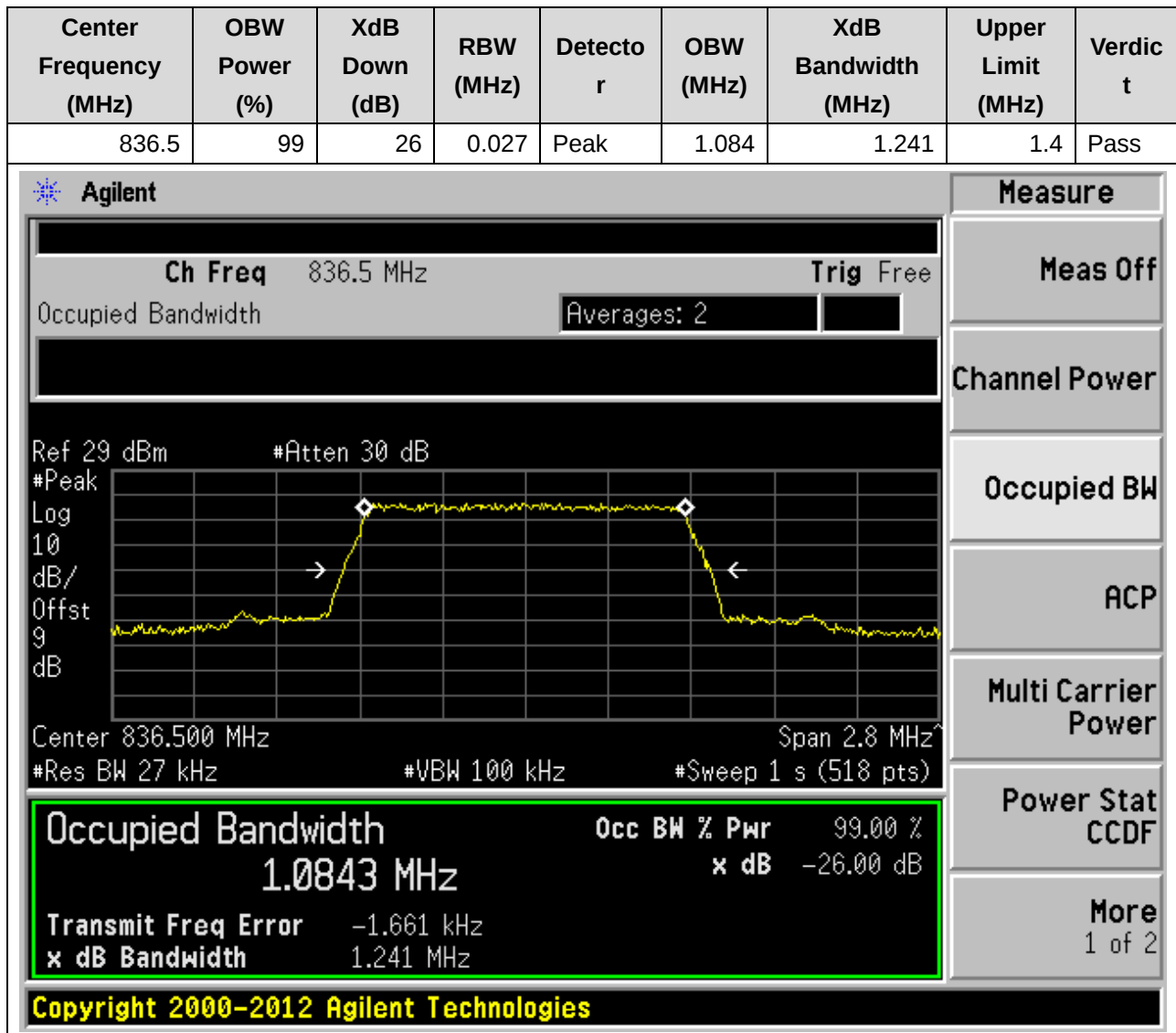
6.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



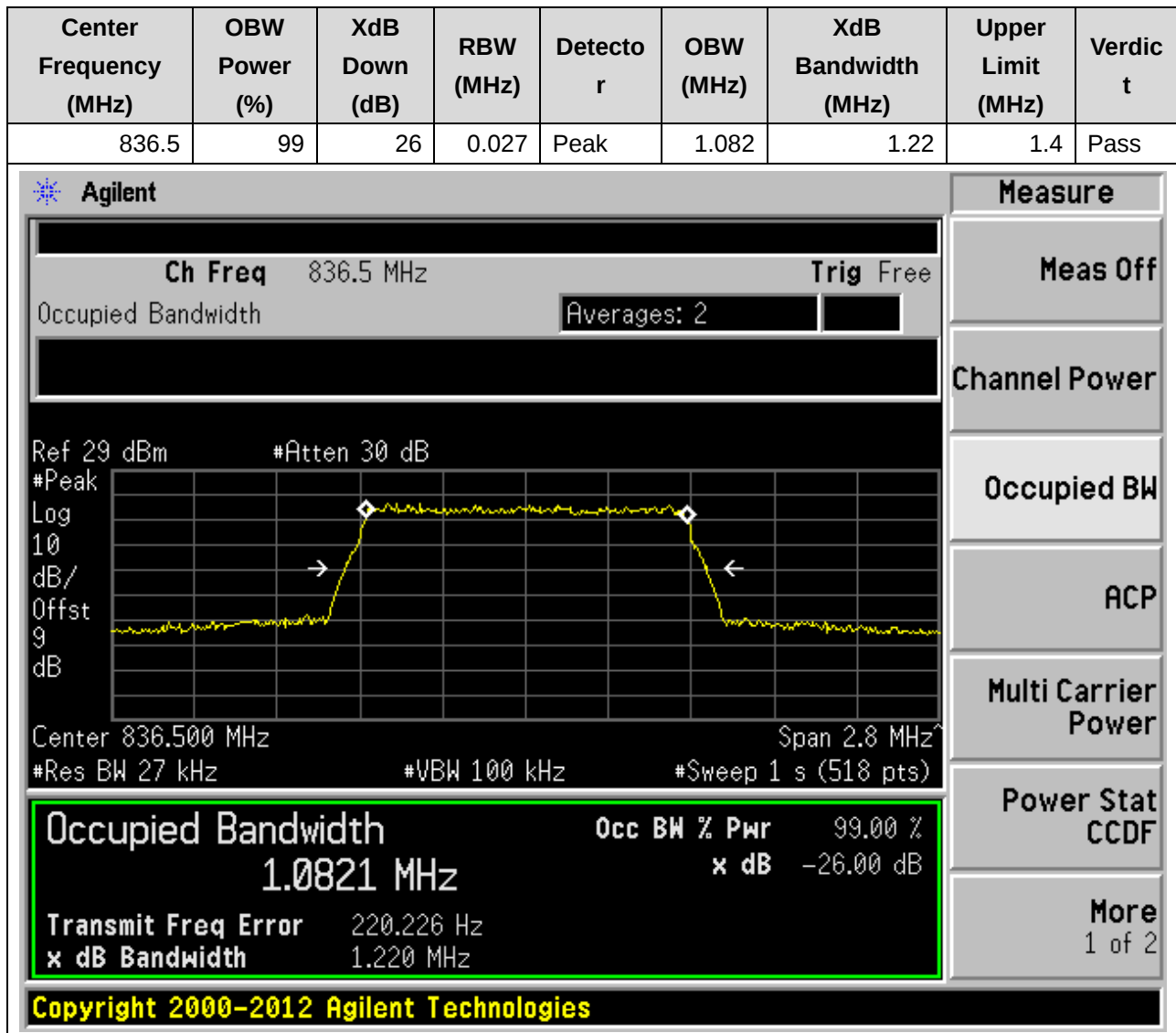
6.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



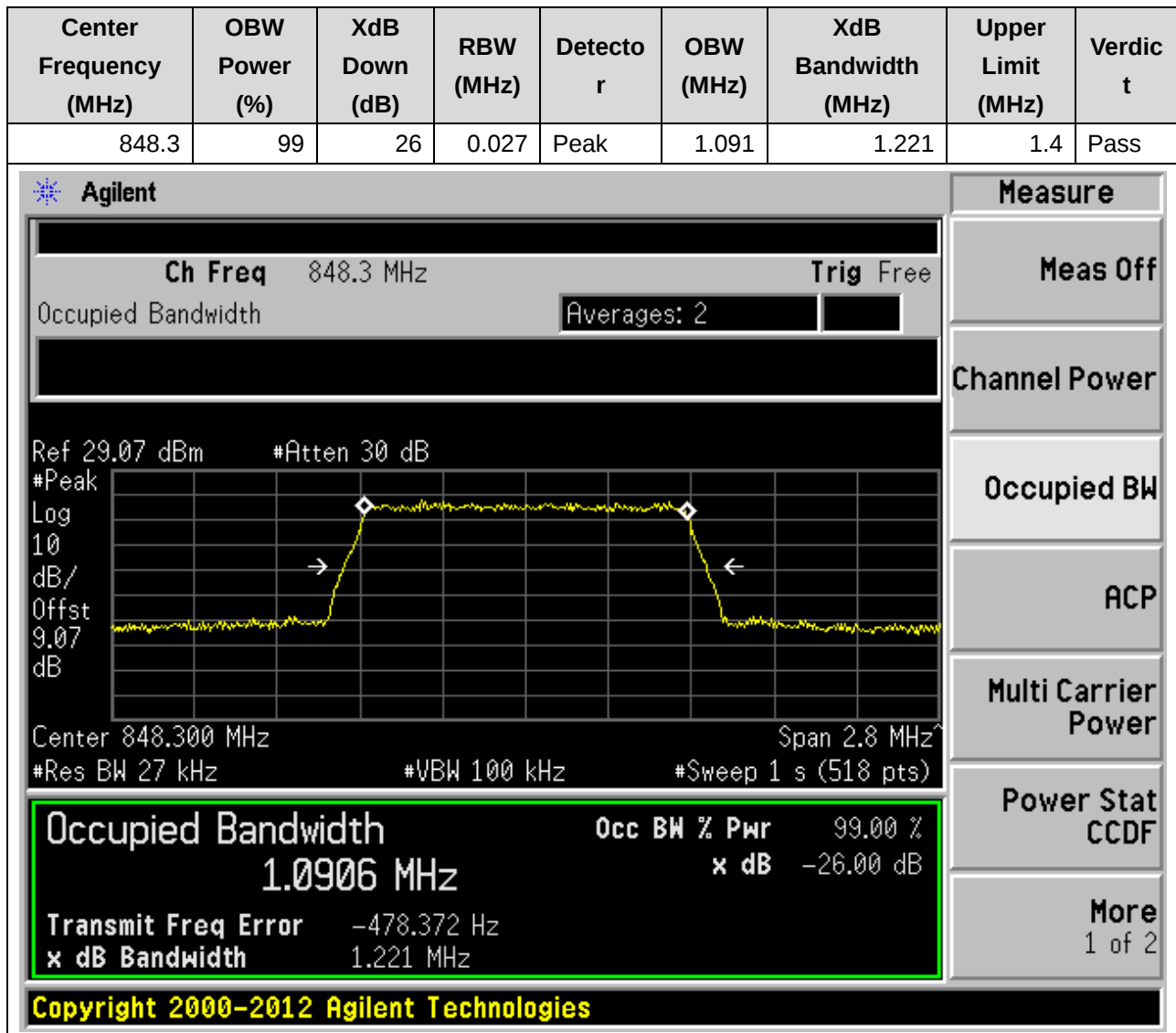
6.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



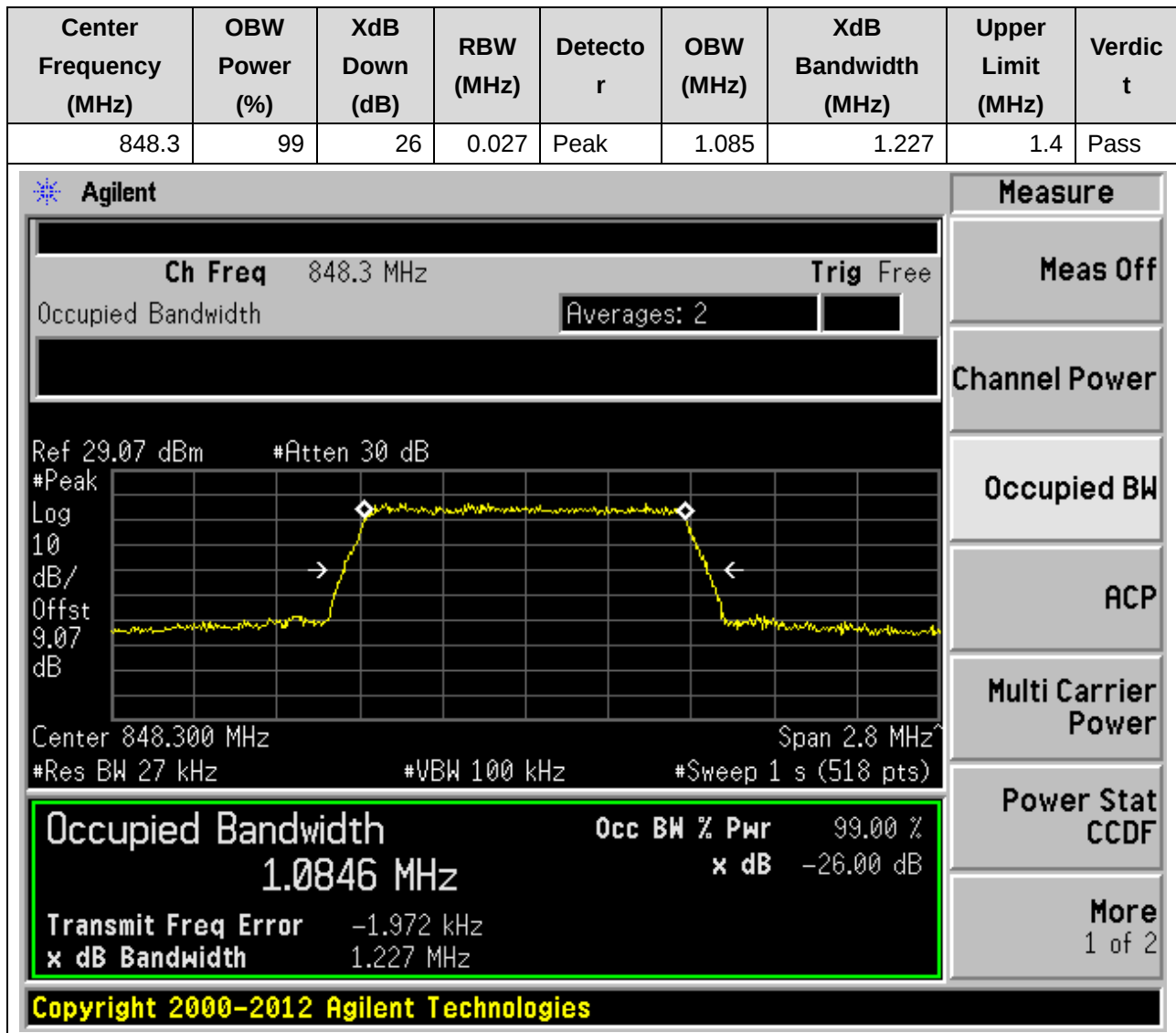
6.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



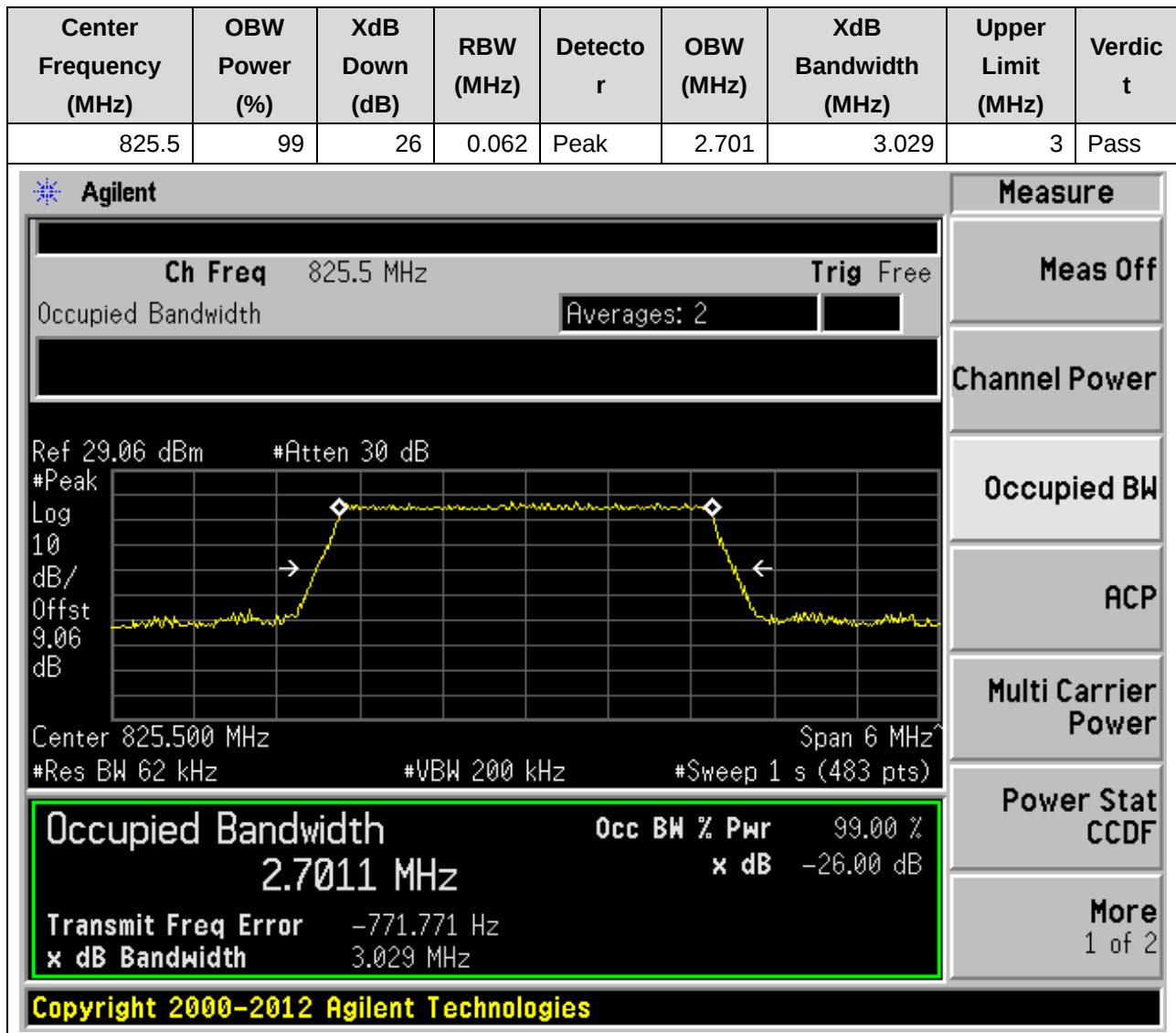
6.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



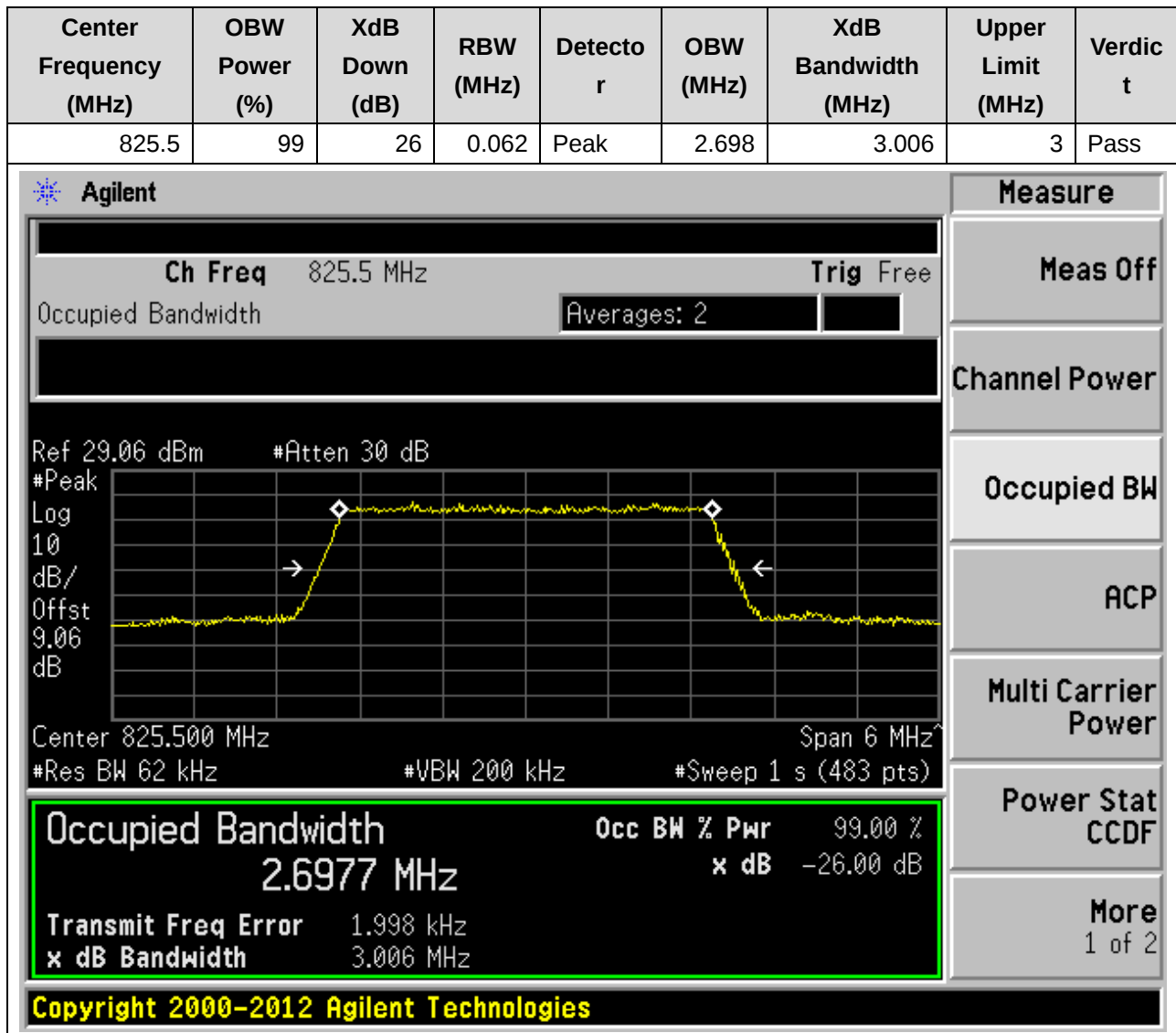
6.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



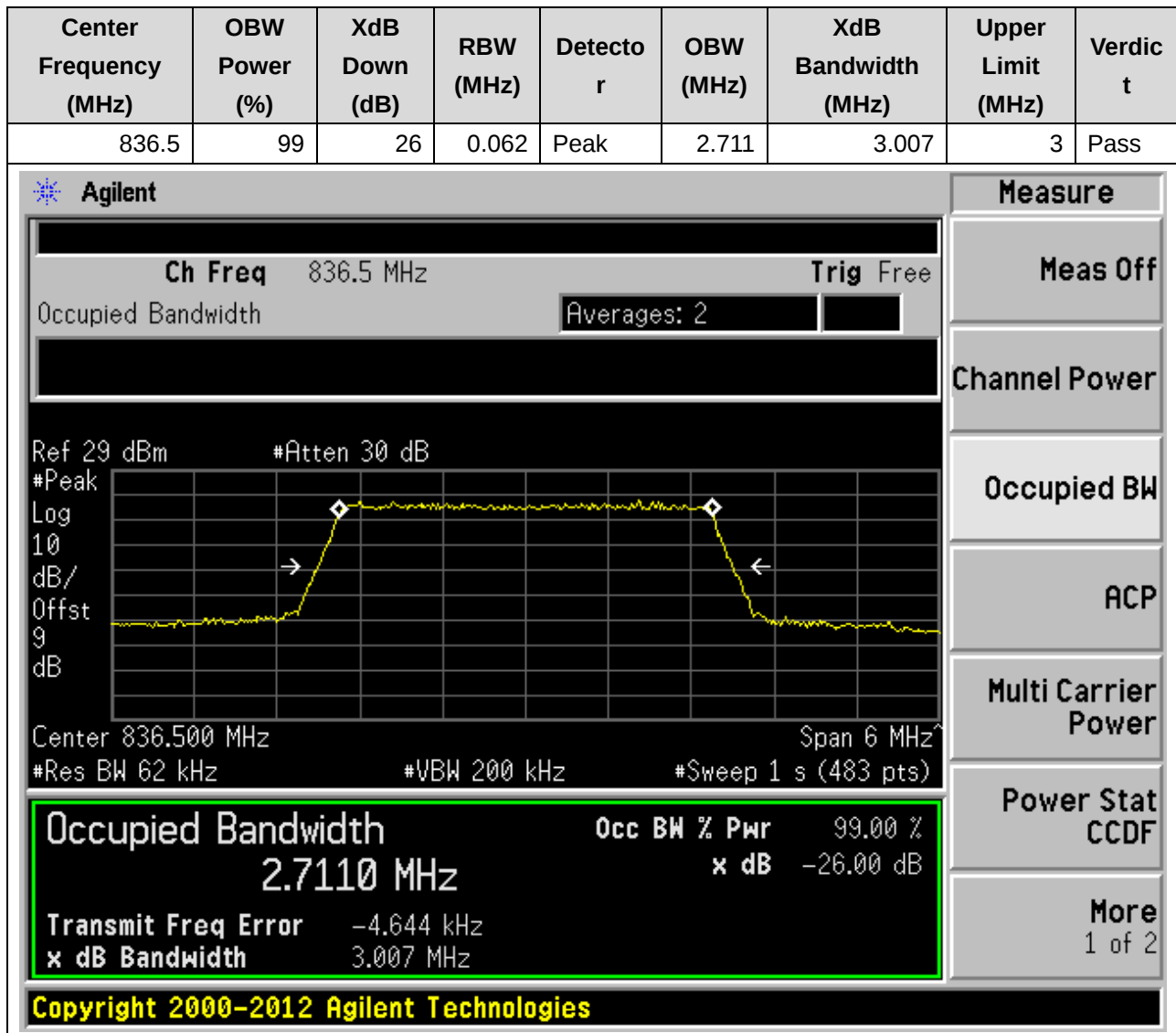
6.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



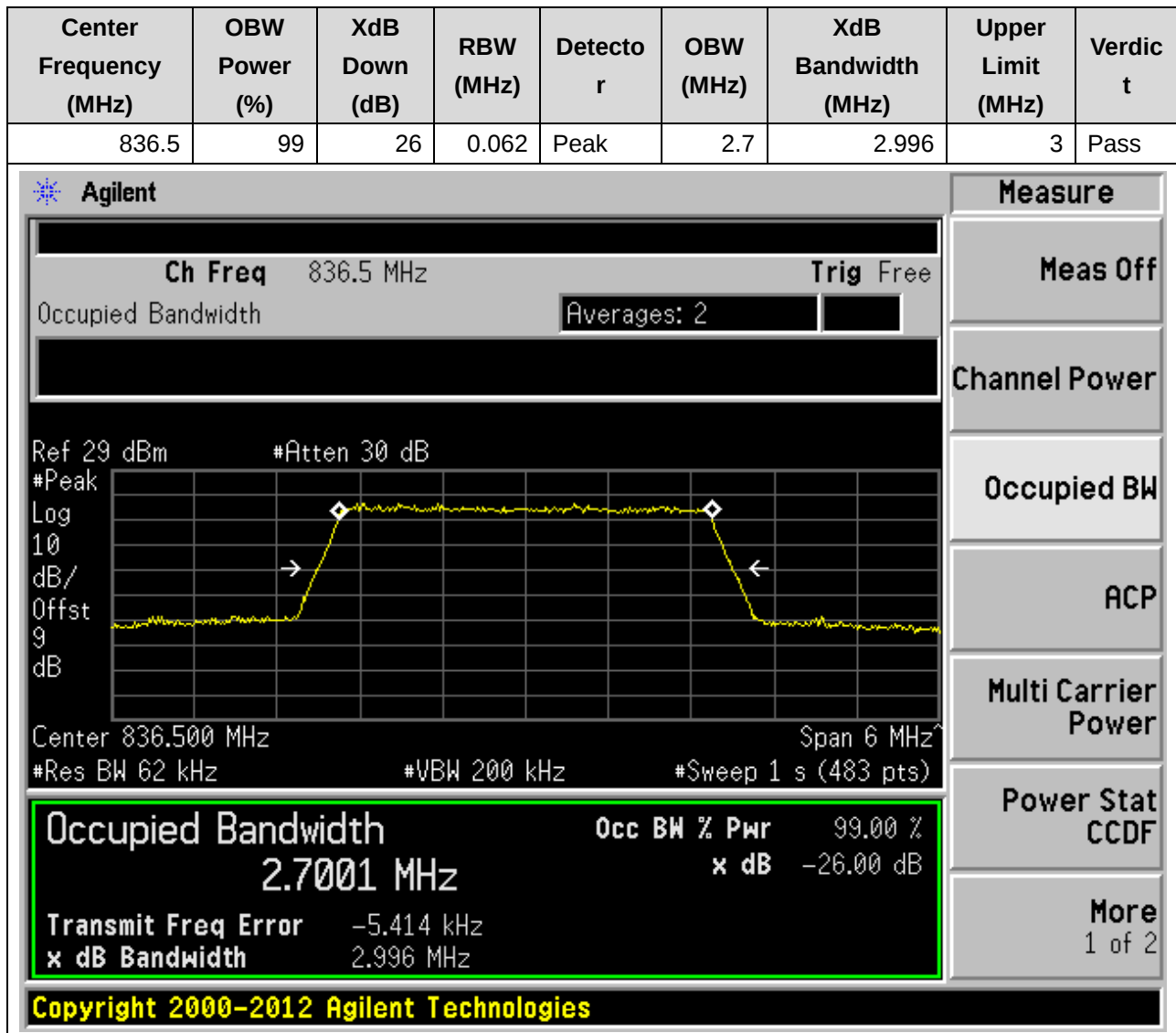
6.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



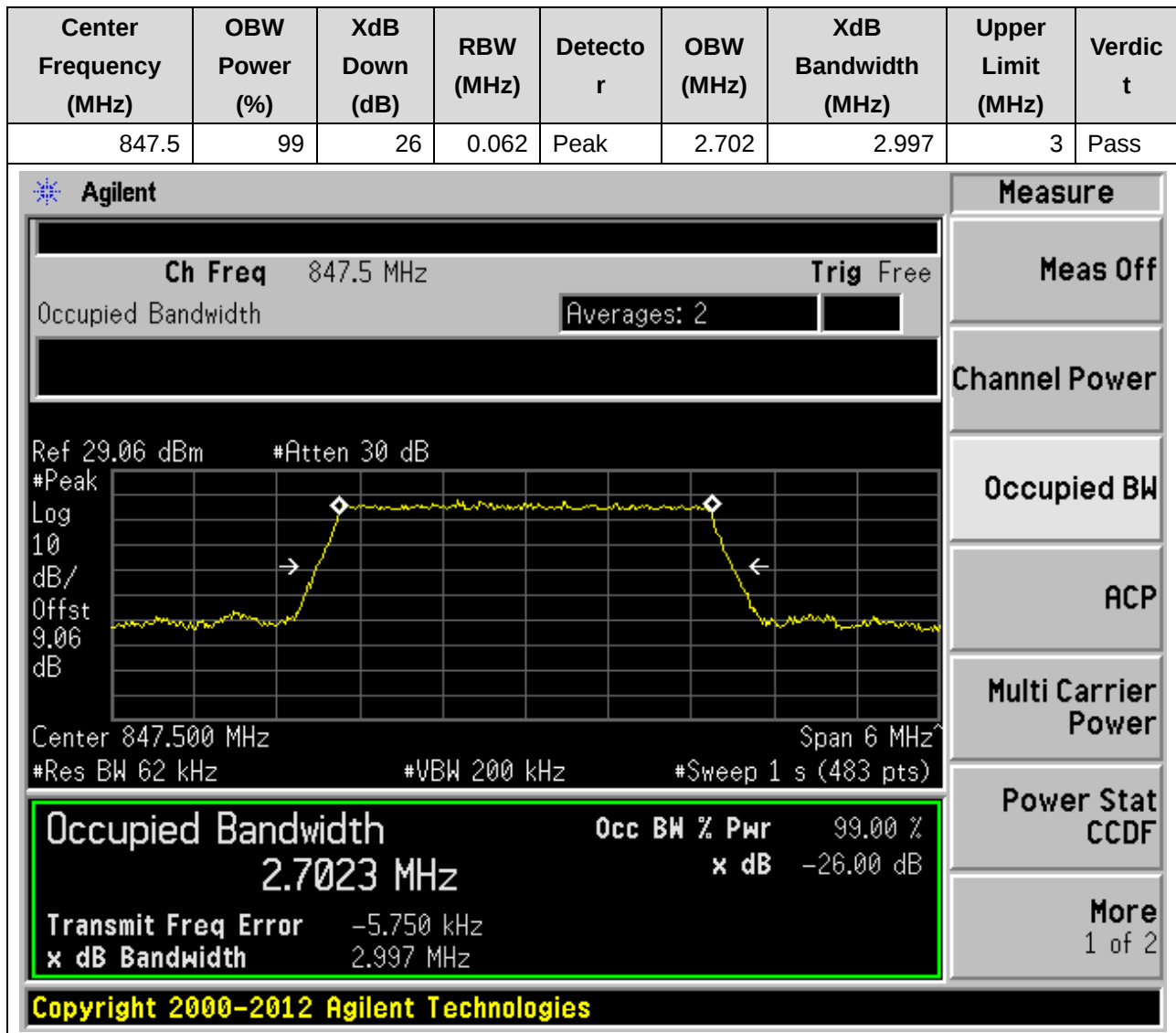
6.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



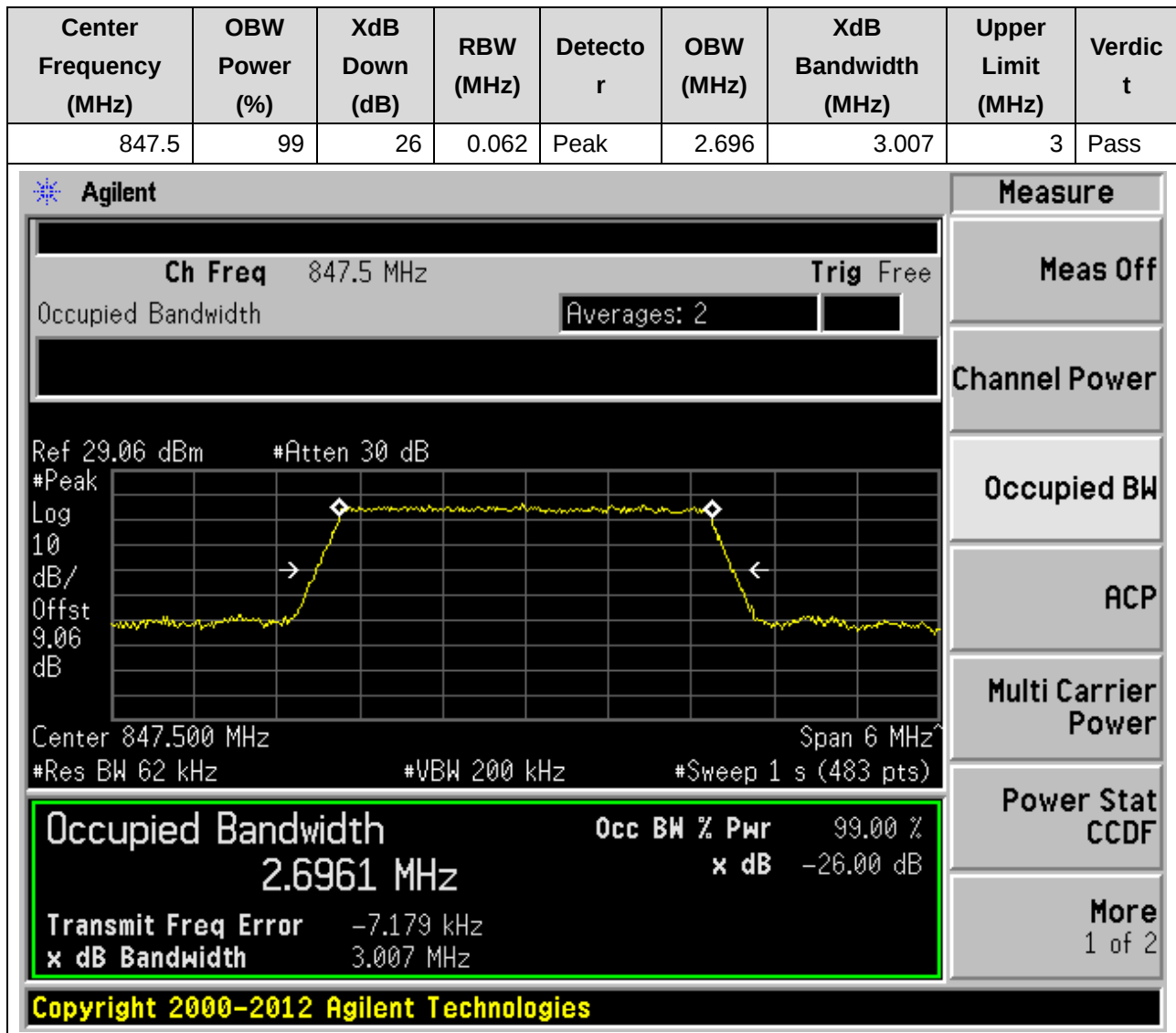
6.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



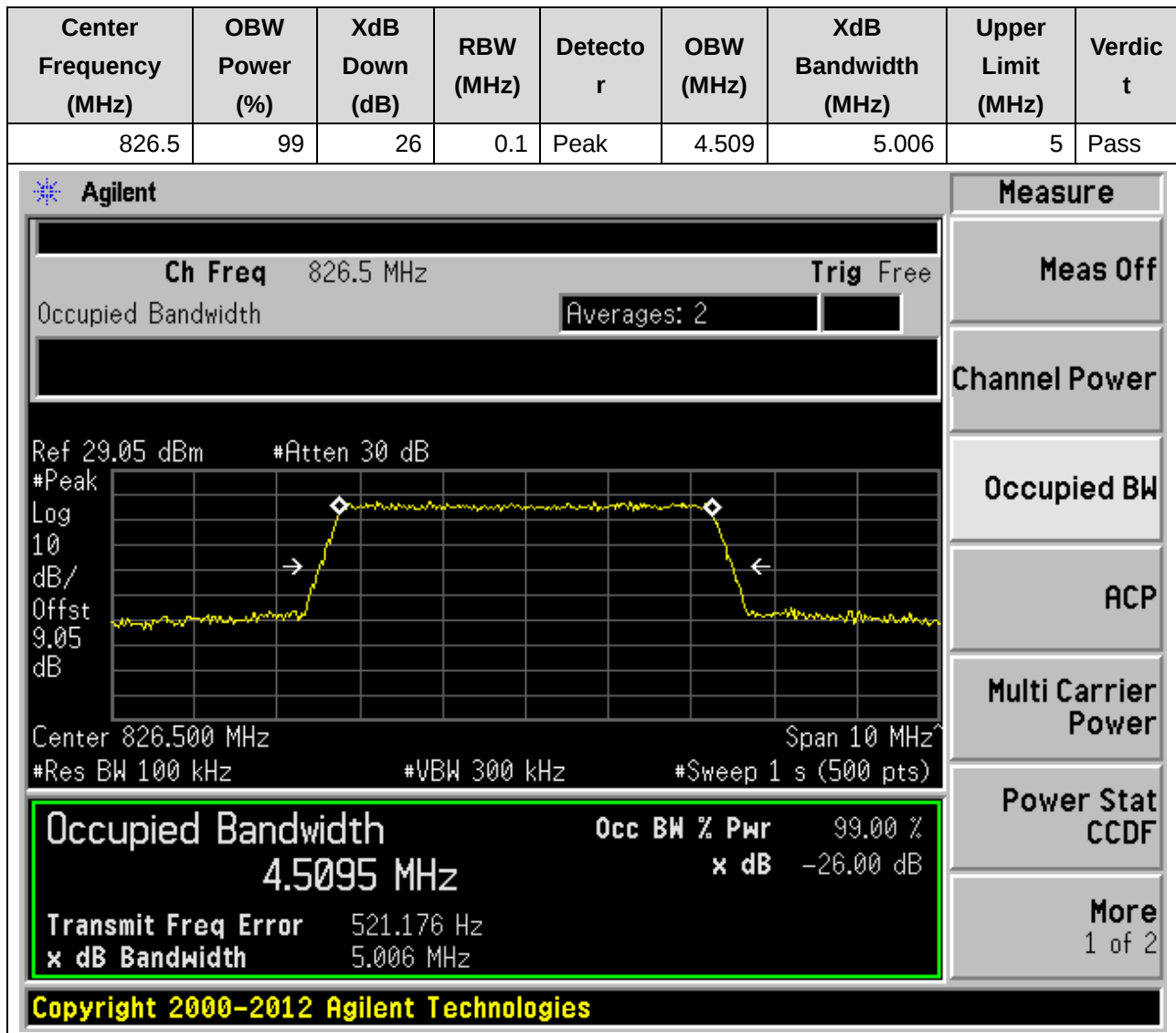
6.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



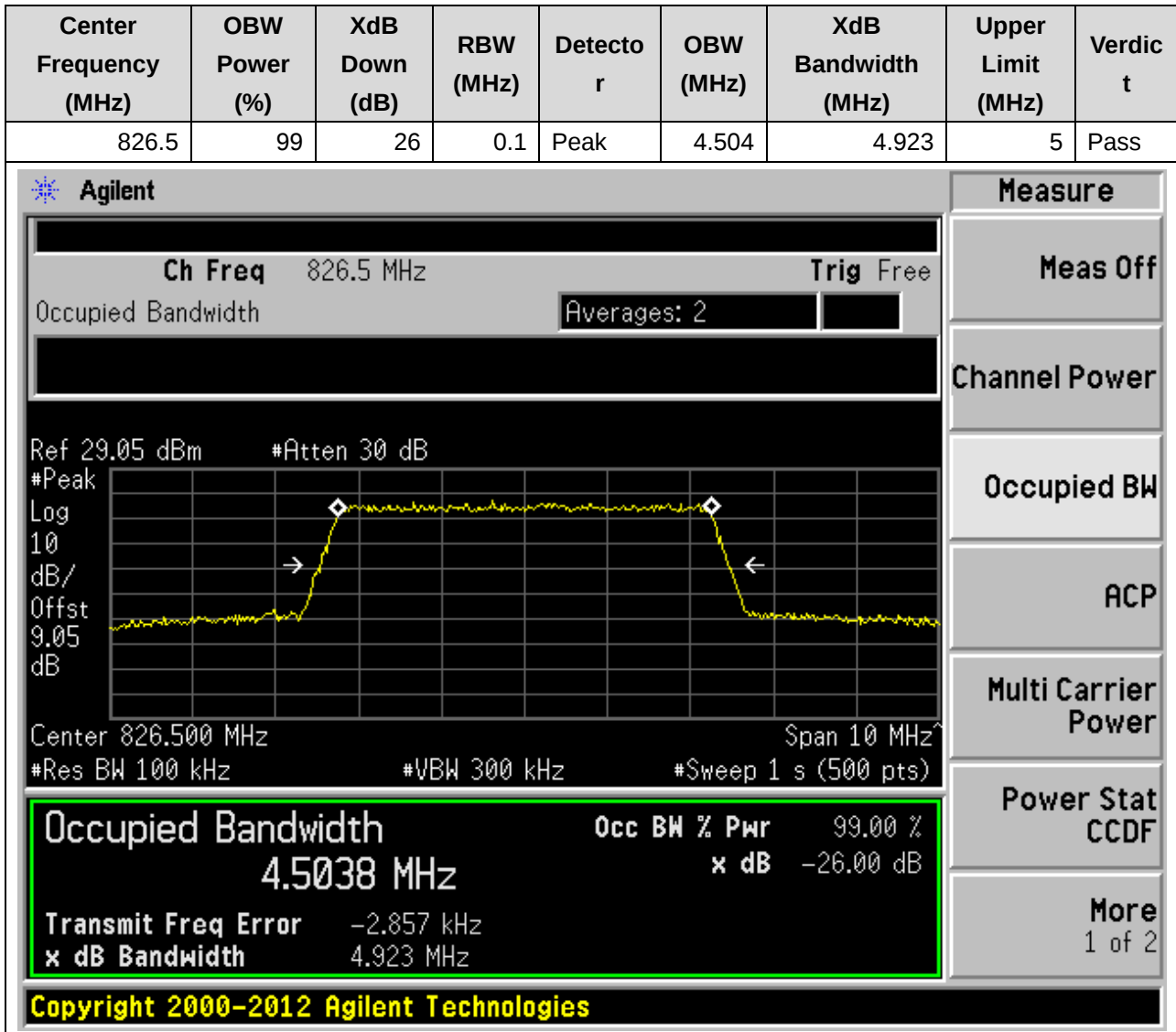
6.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



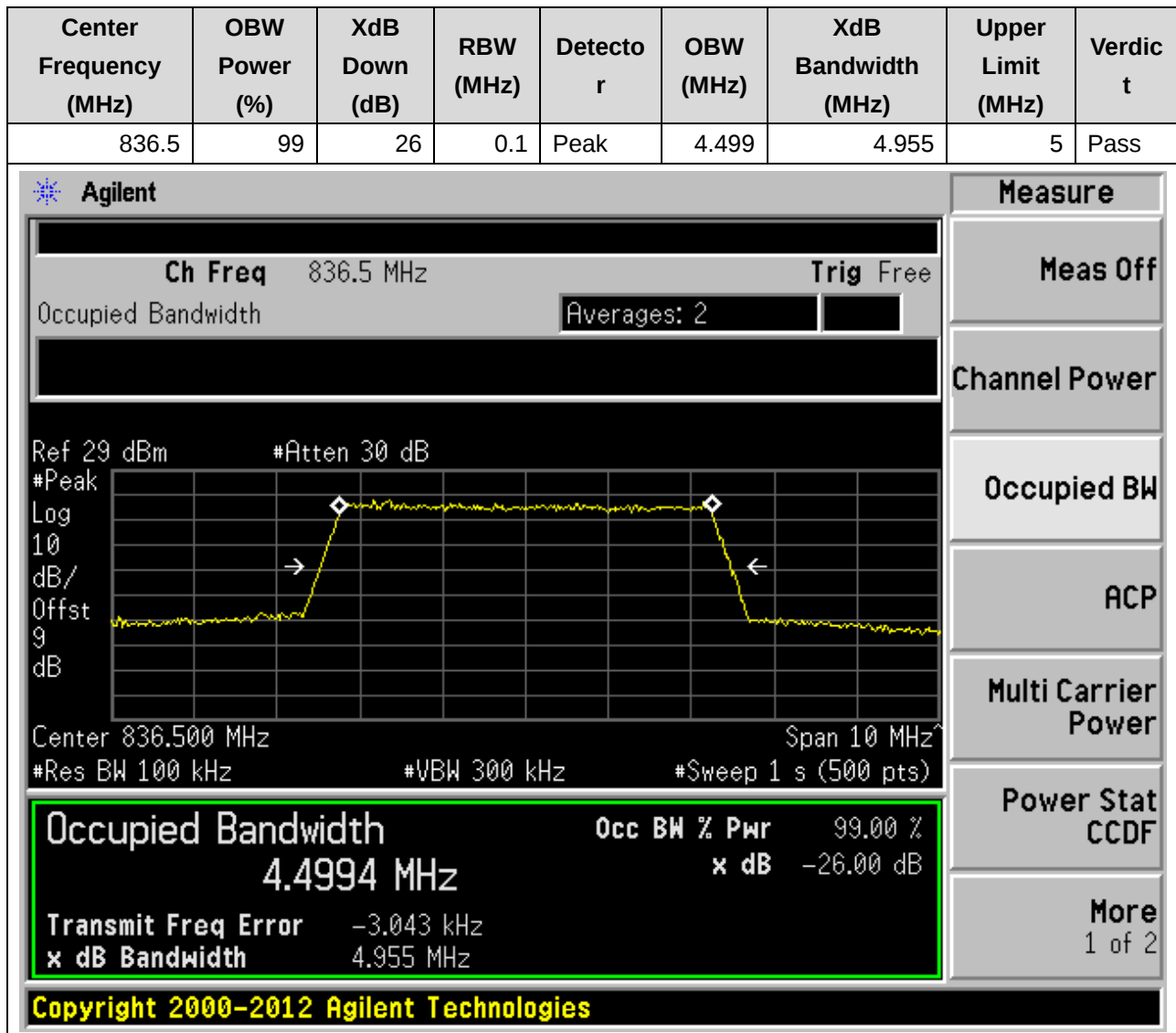
6.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



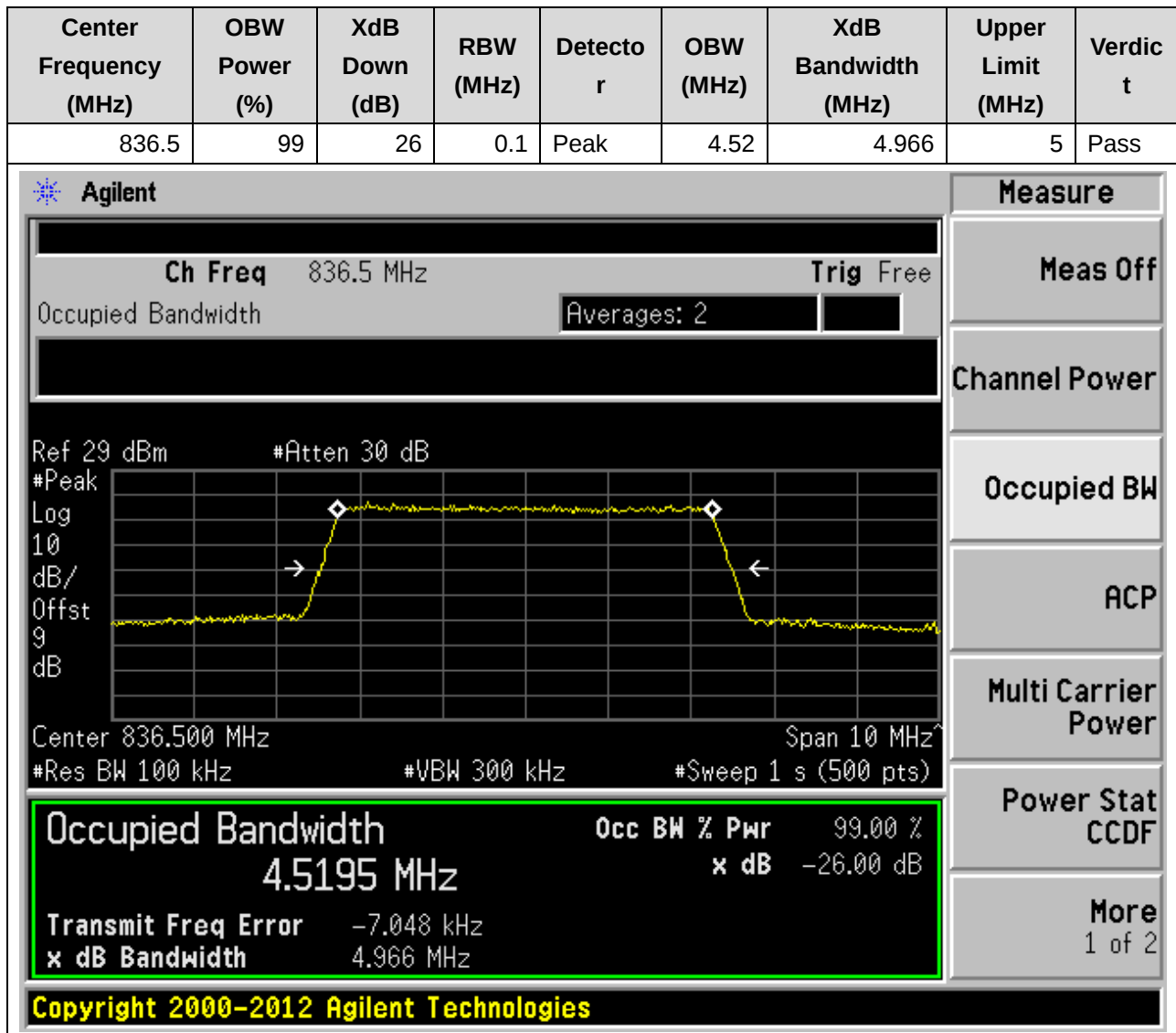
6.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



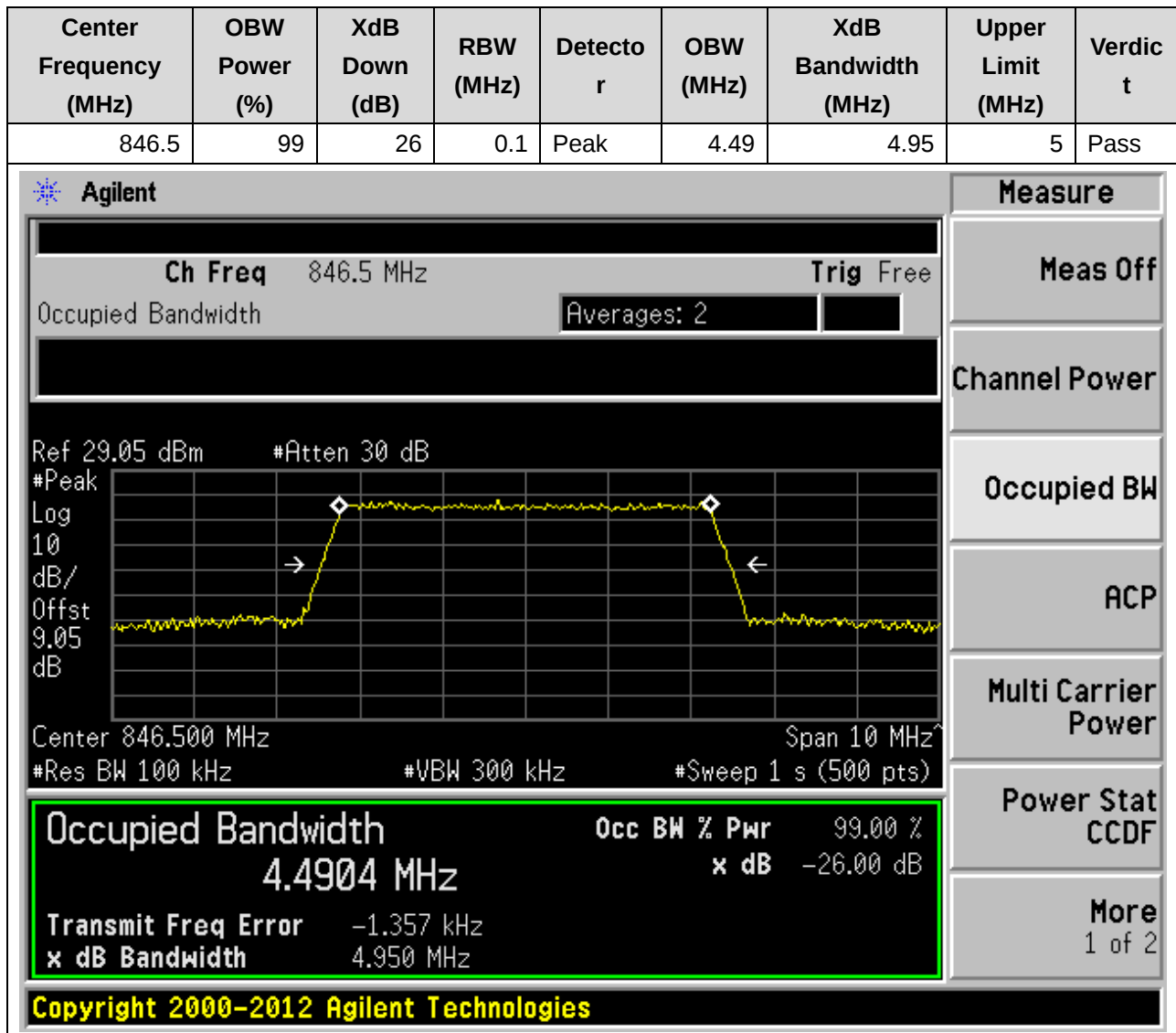
6.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



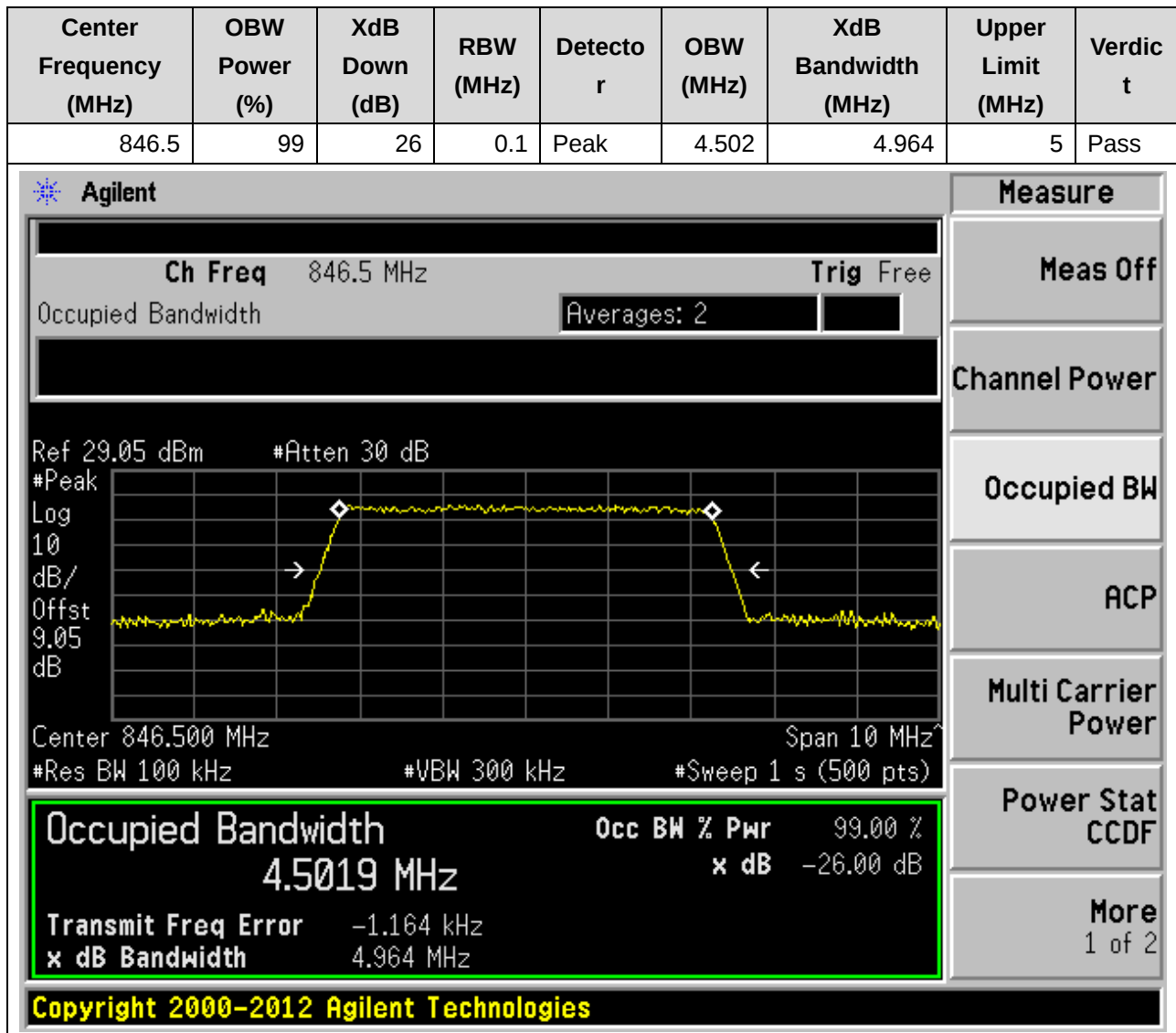
6.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



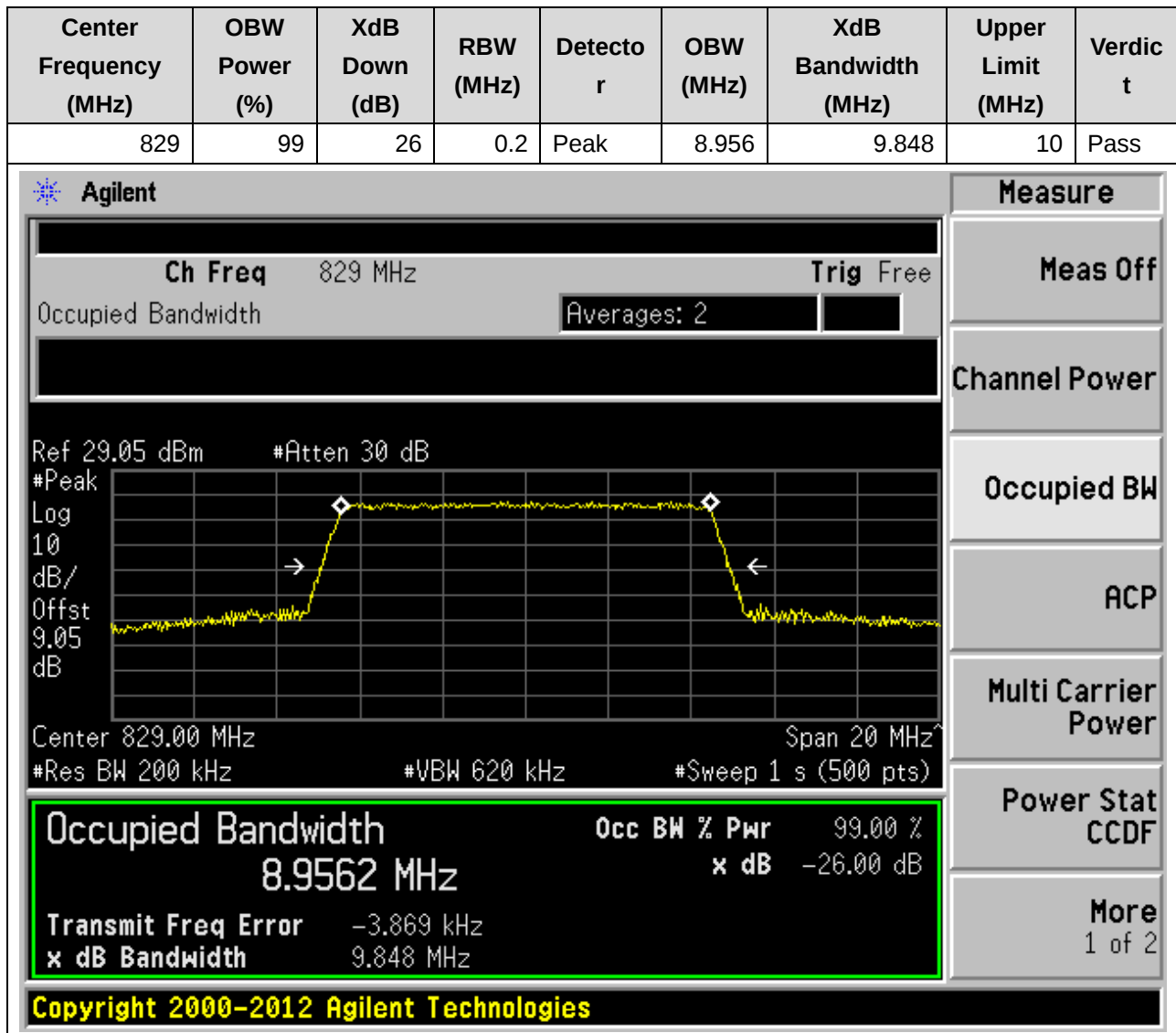
6.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



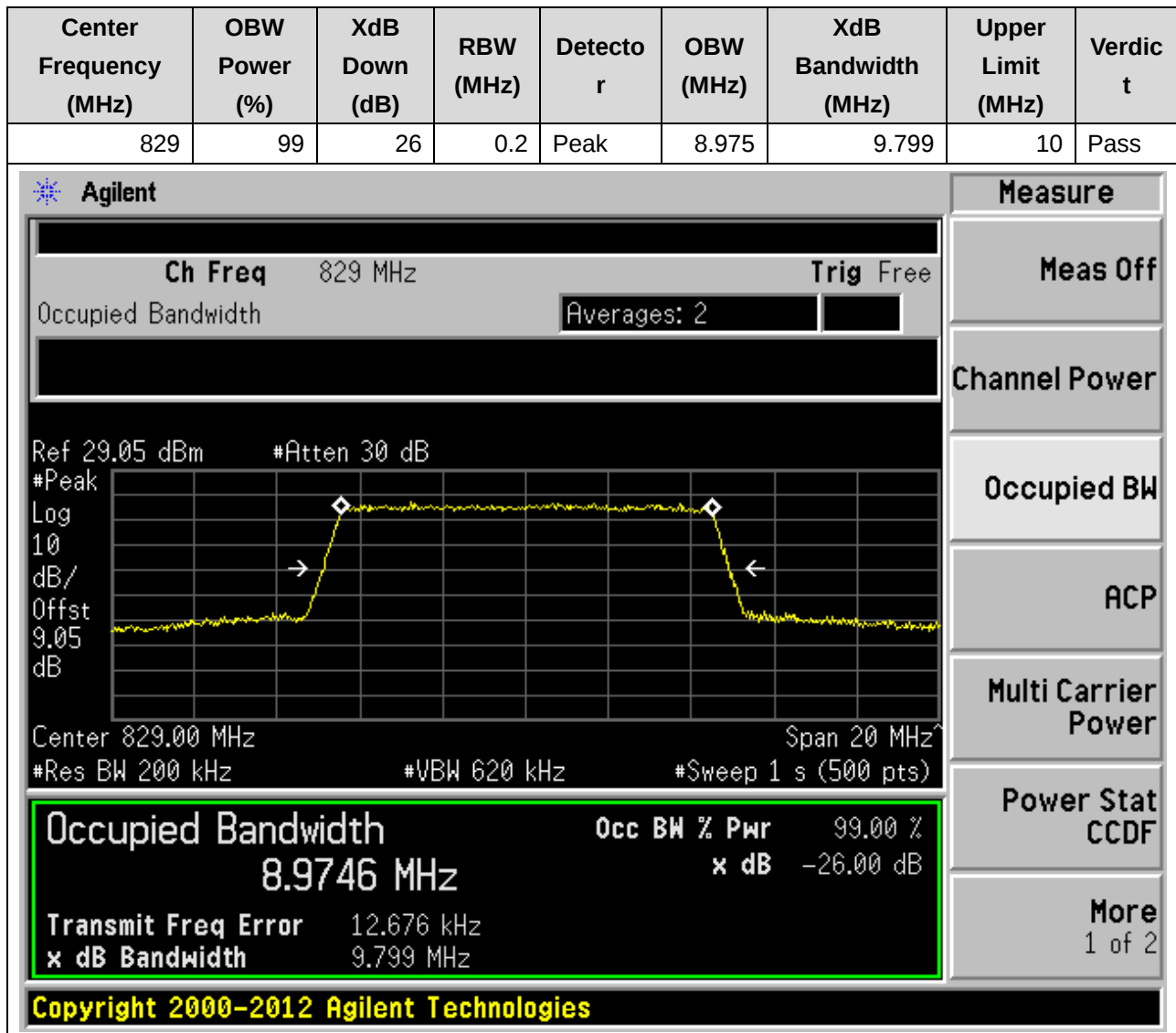
6.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



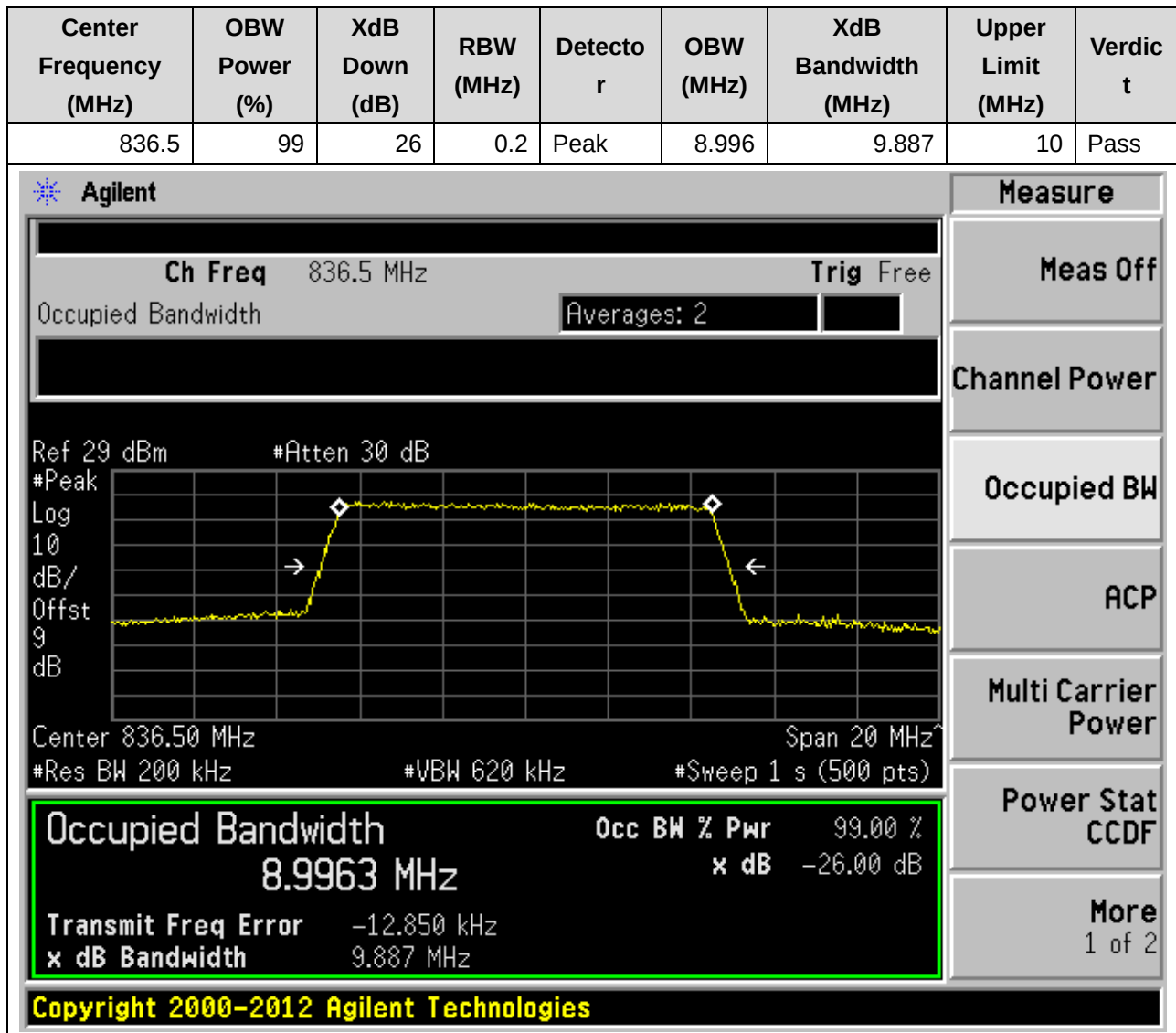
6.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



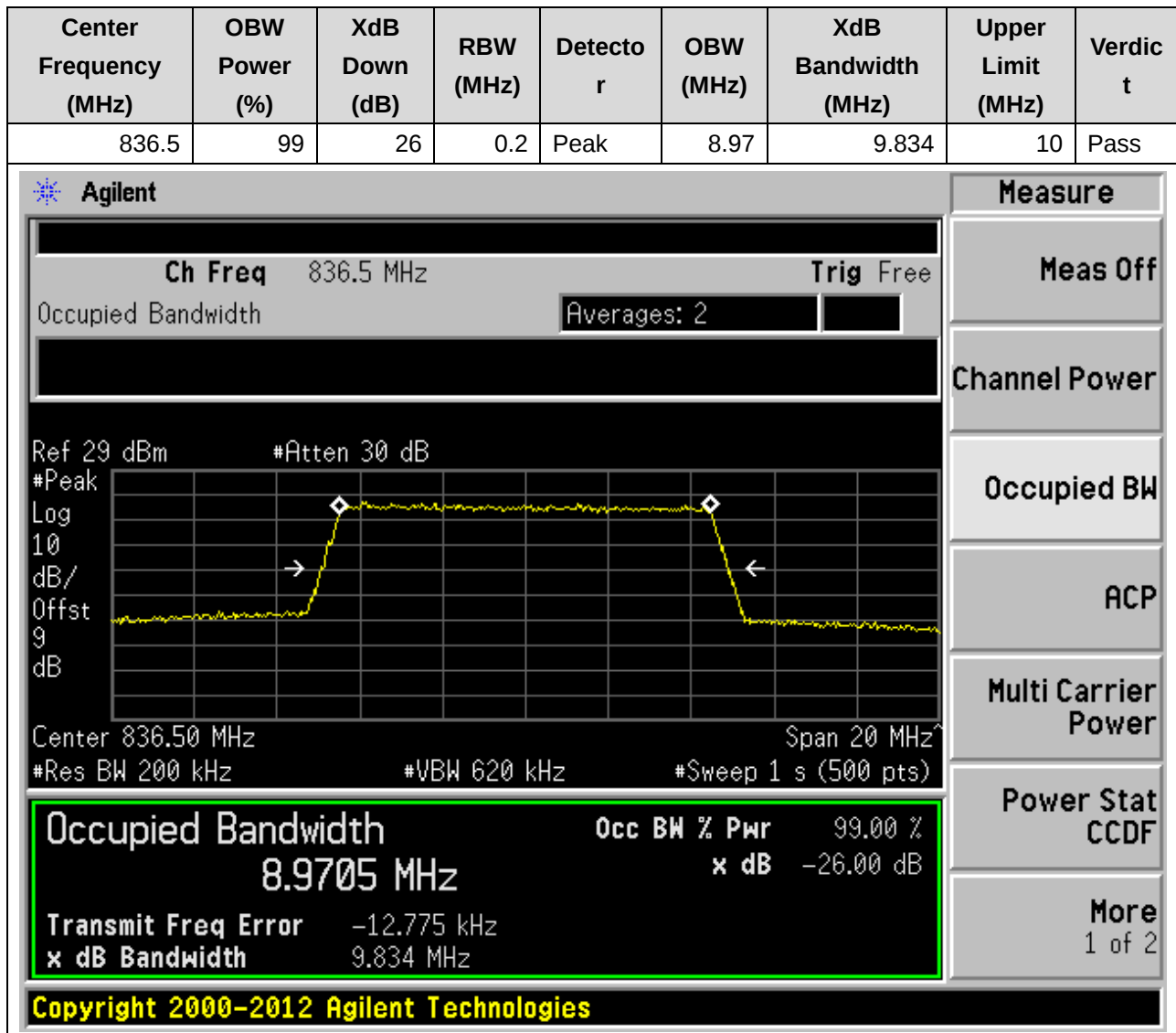
6.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



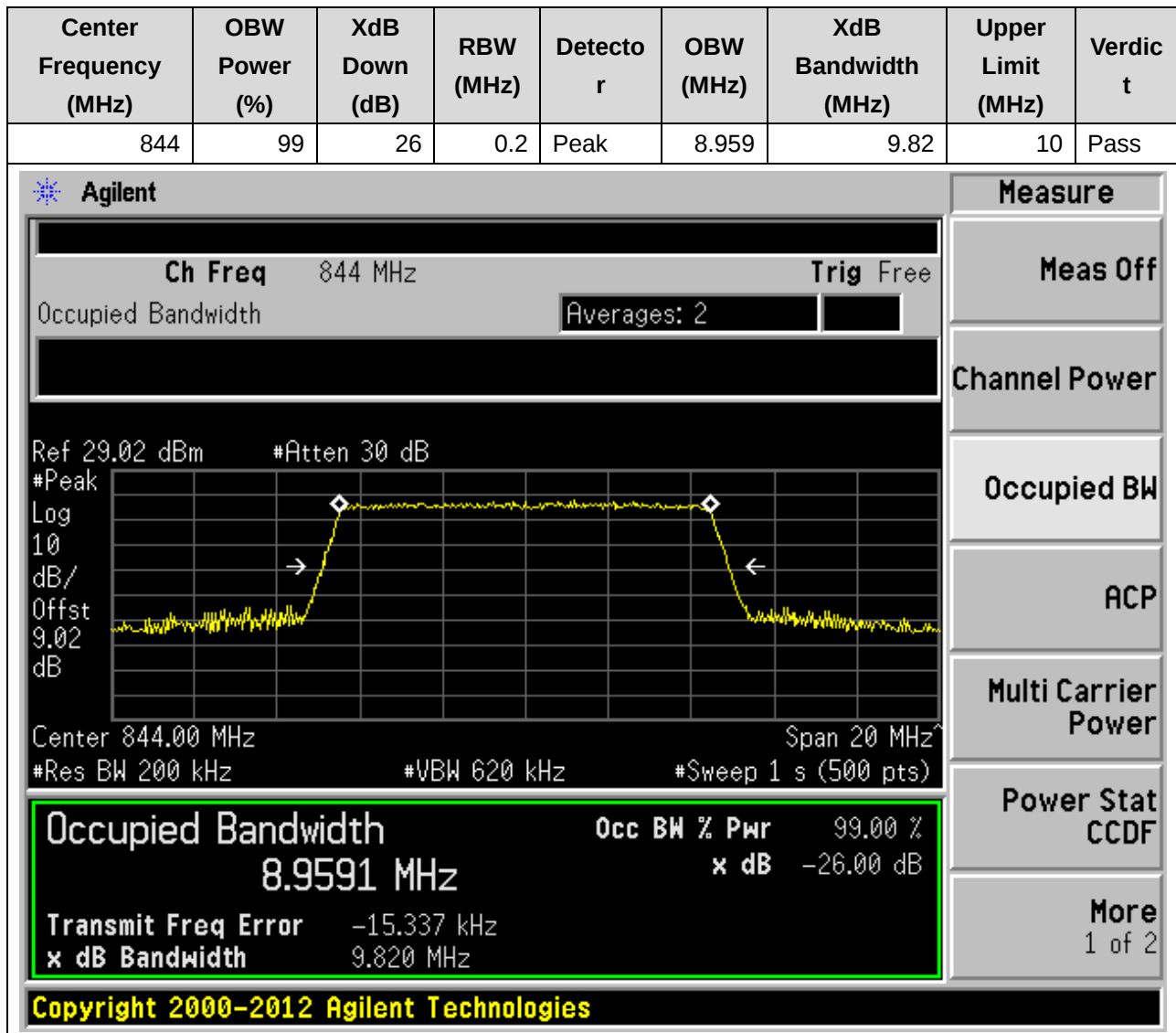
6.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



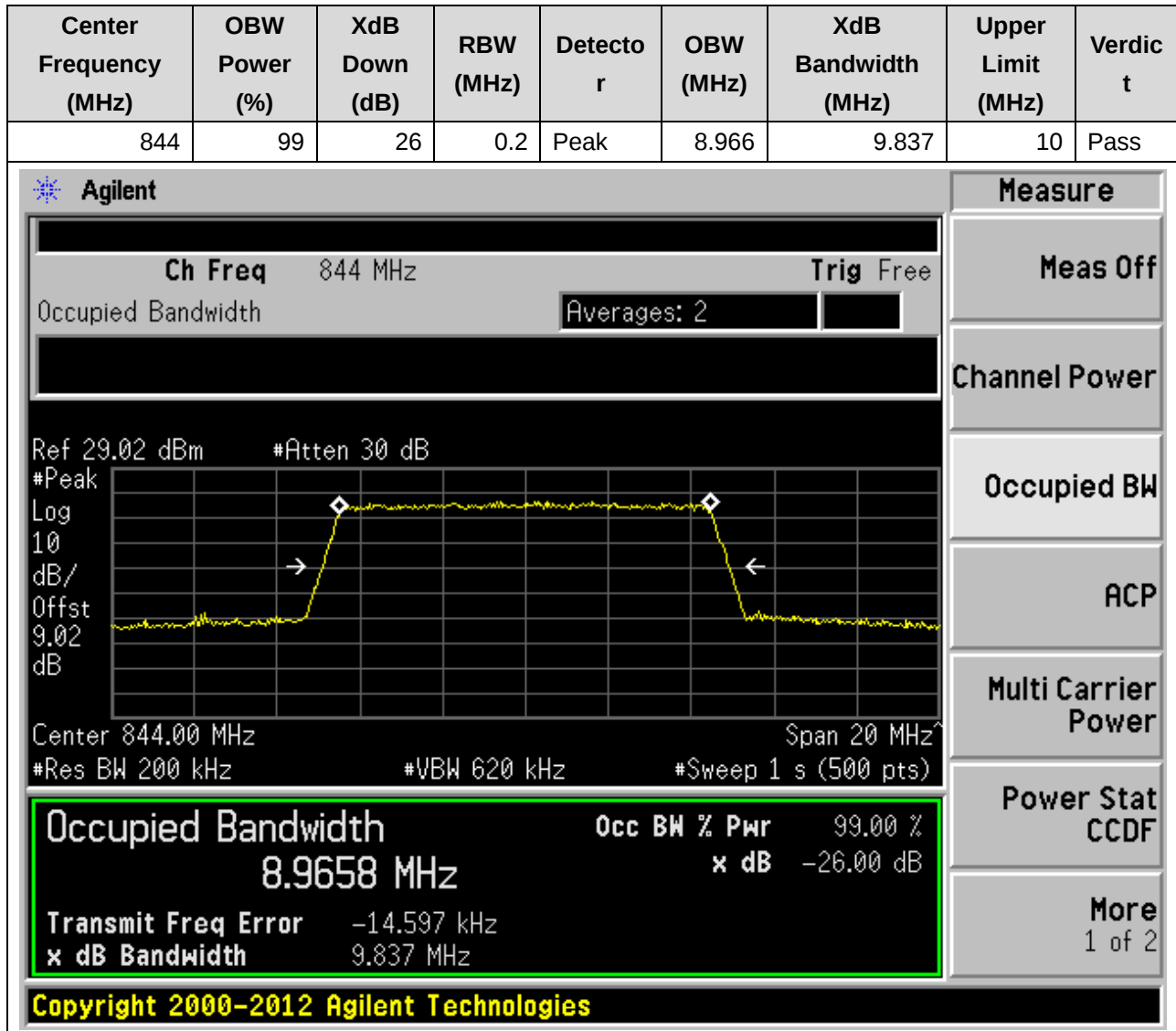
6.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



6.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

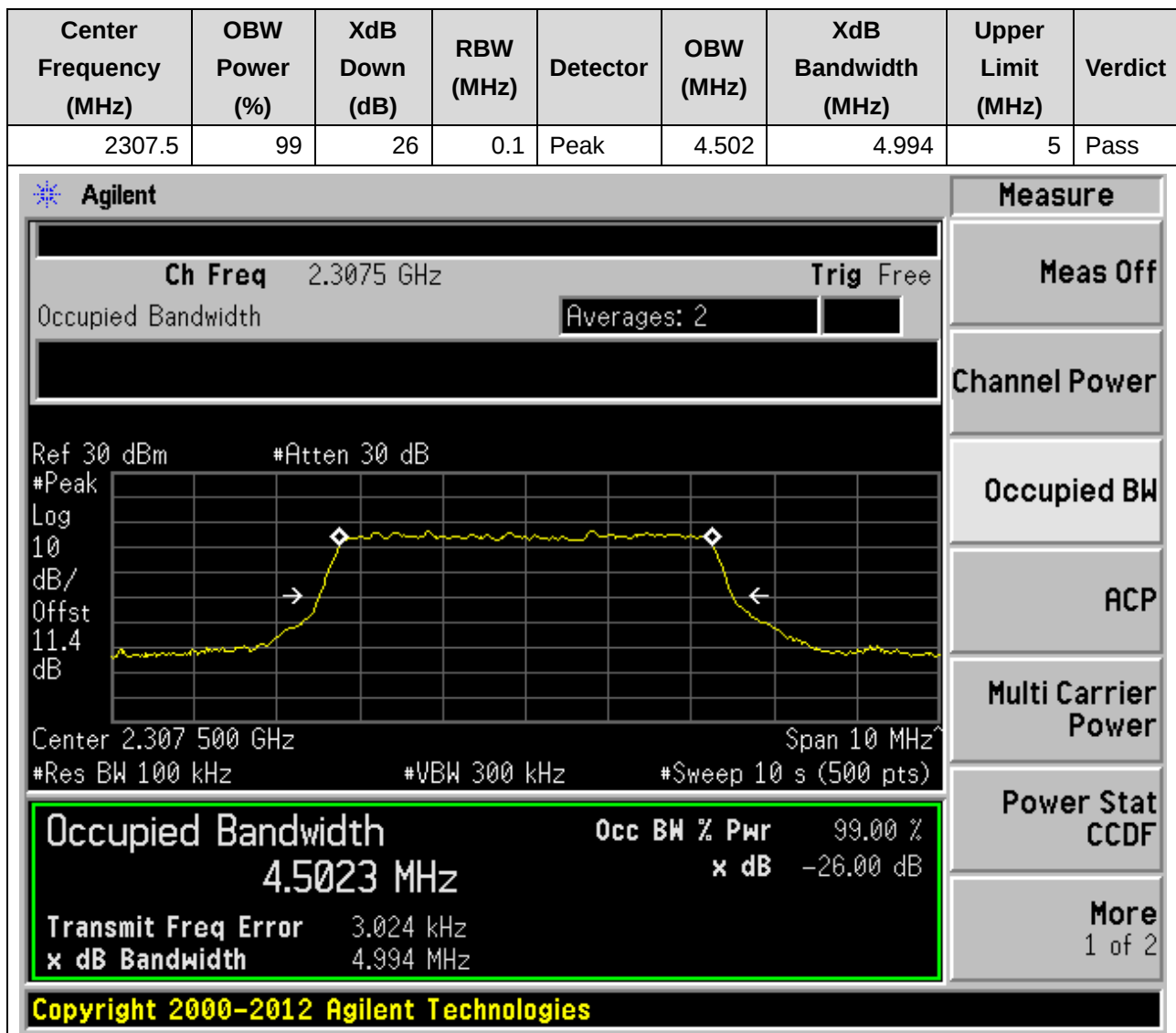


6.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

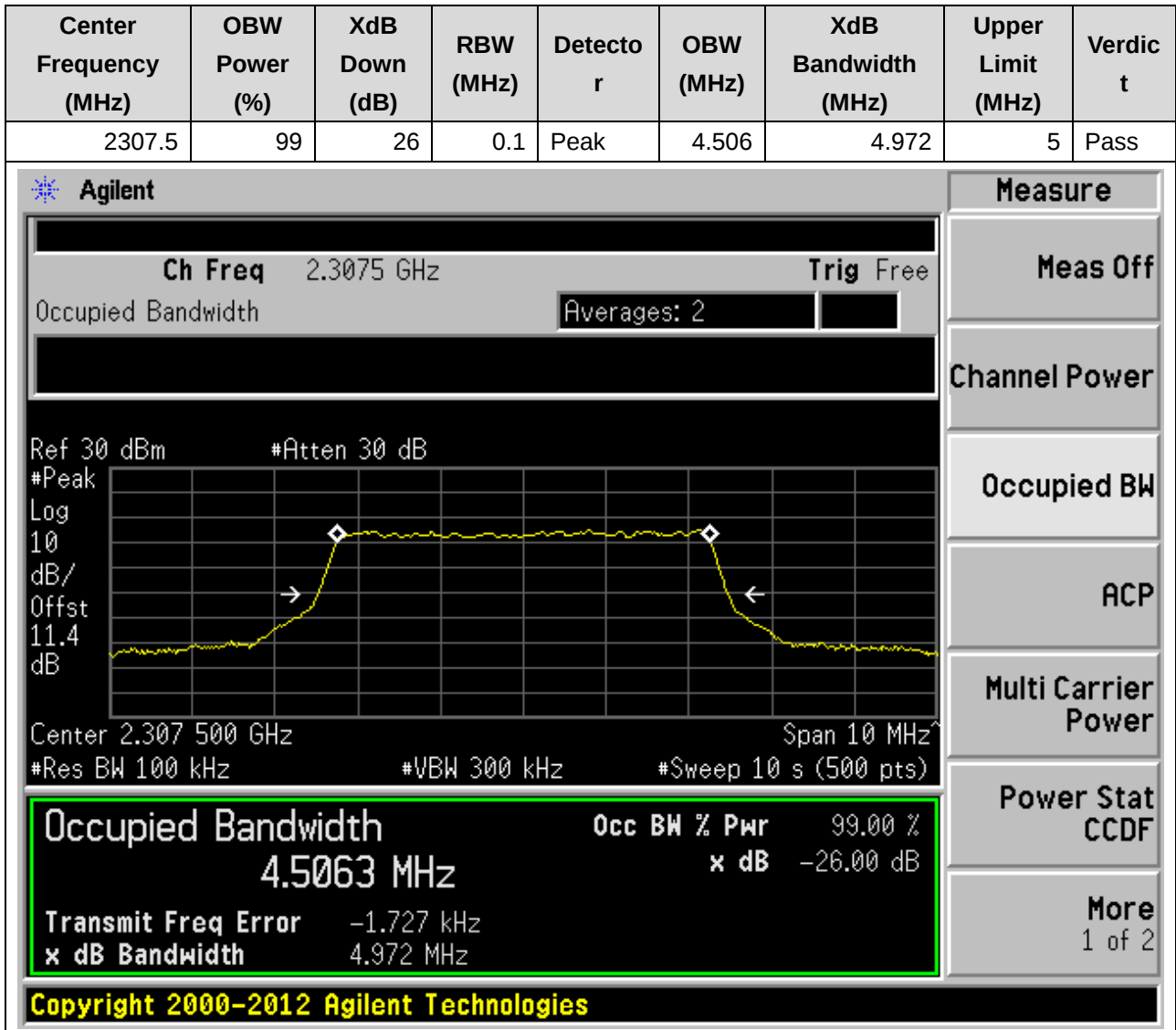


7. LTE_Band40(2305-2315)

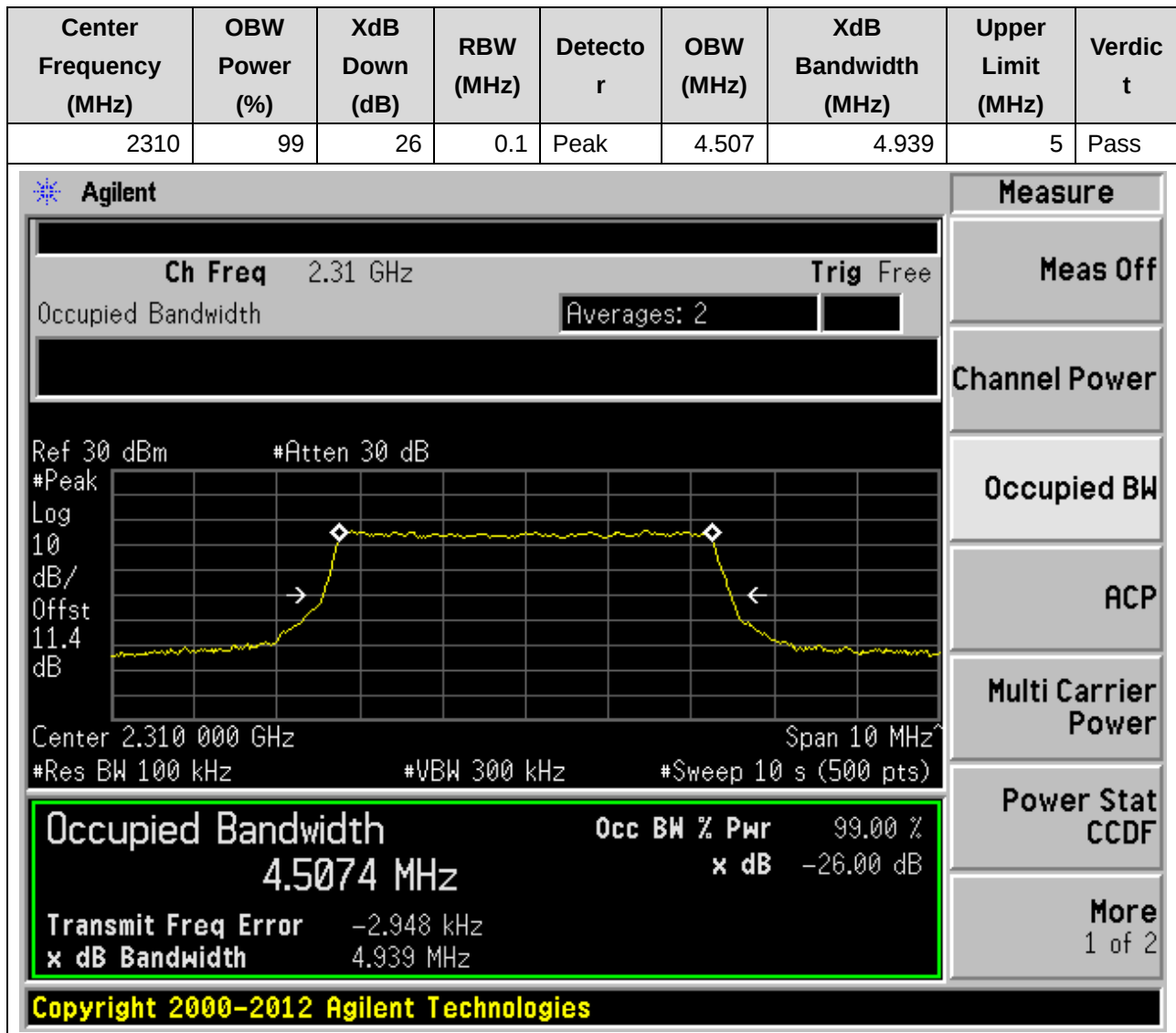
7.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:38725, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



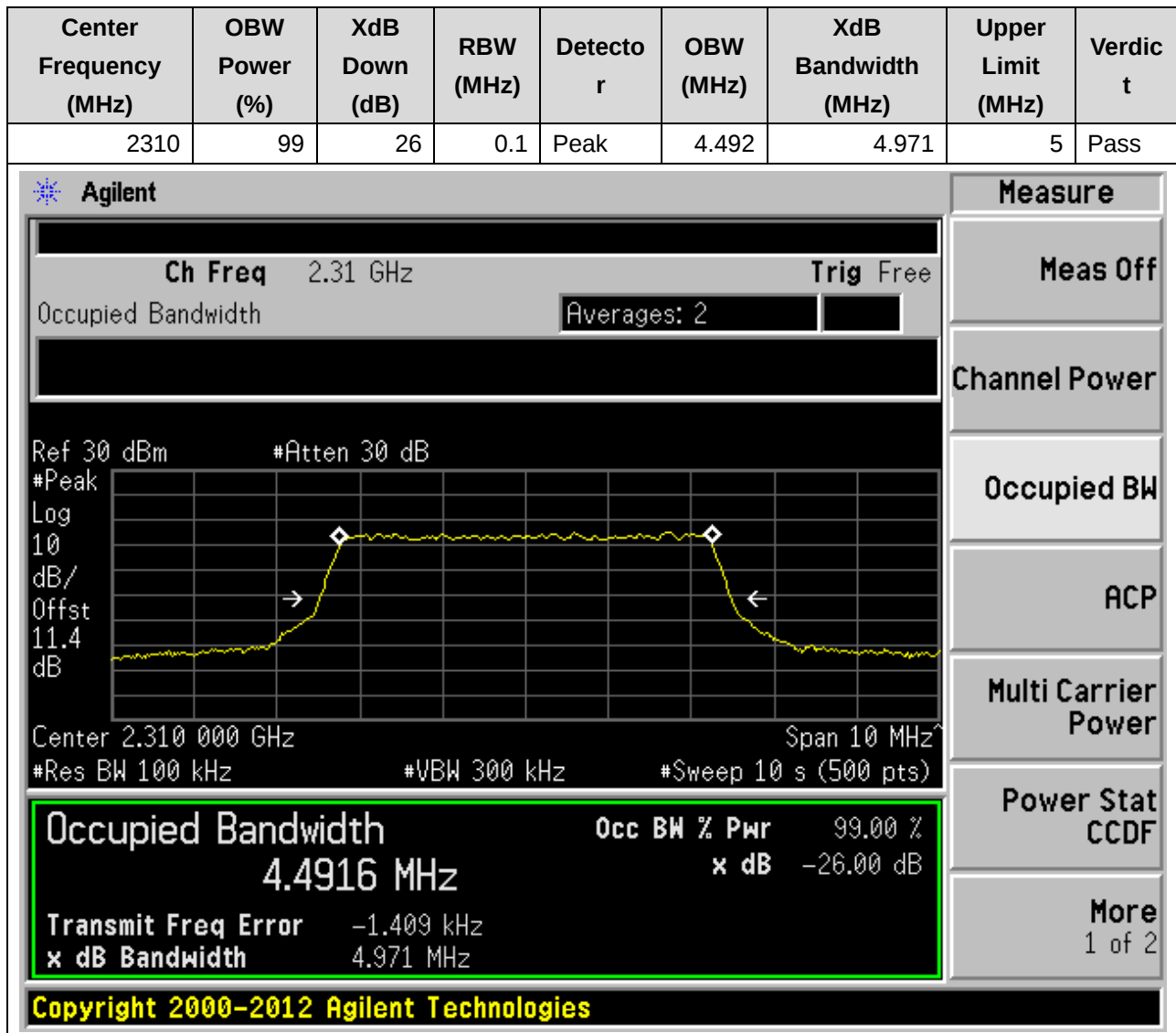
7.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:38725, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



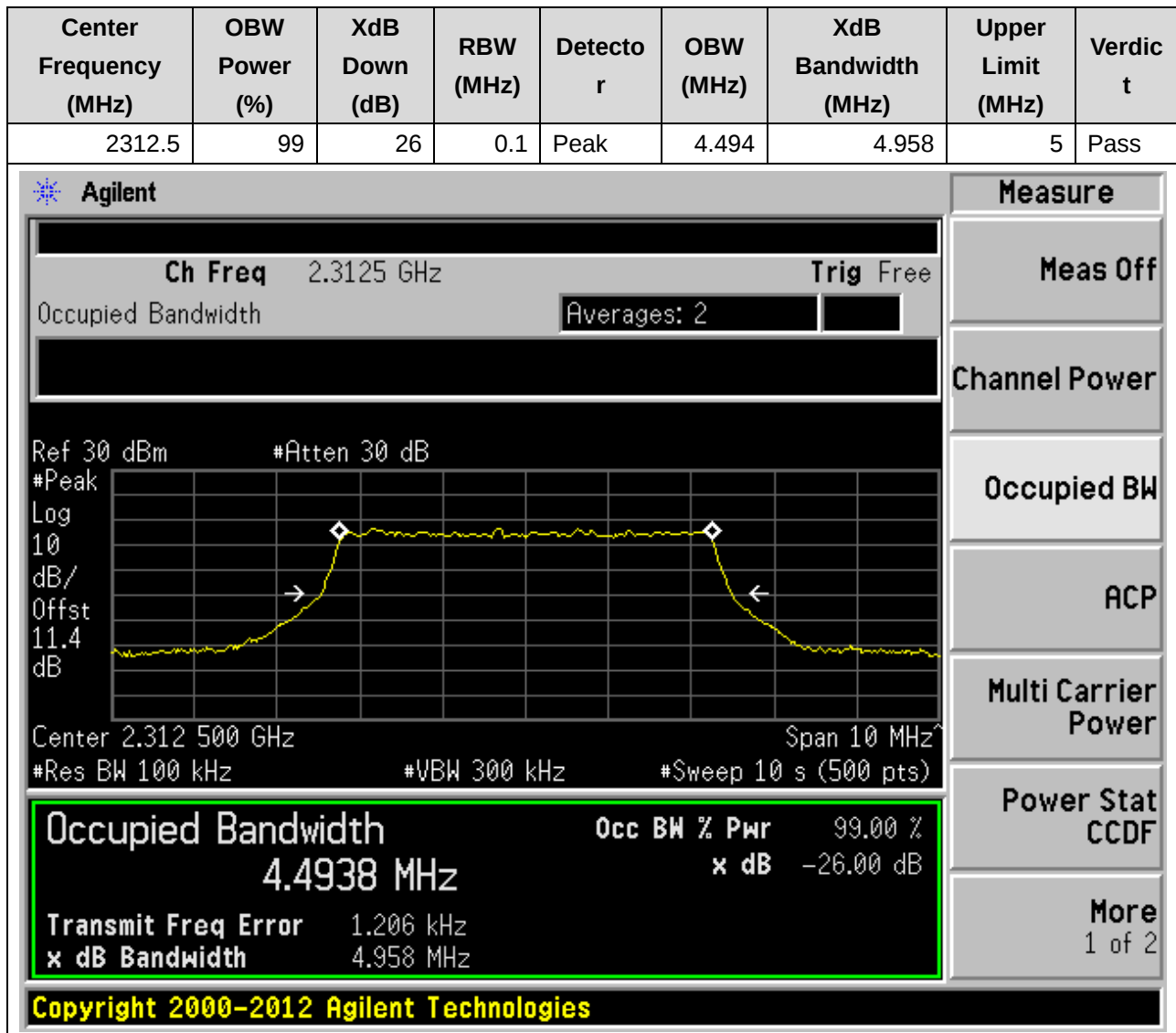
7.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:38750, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



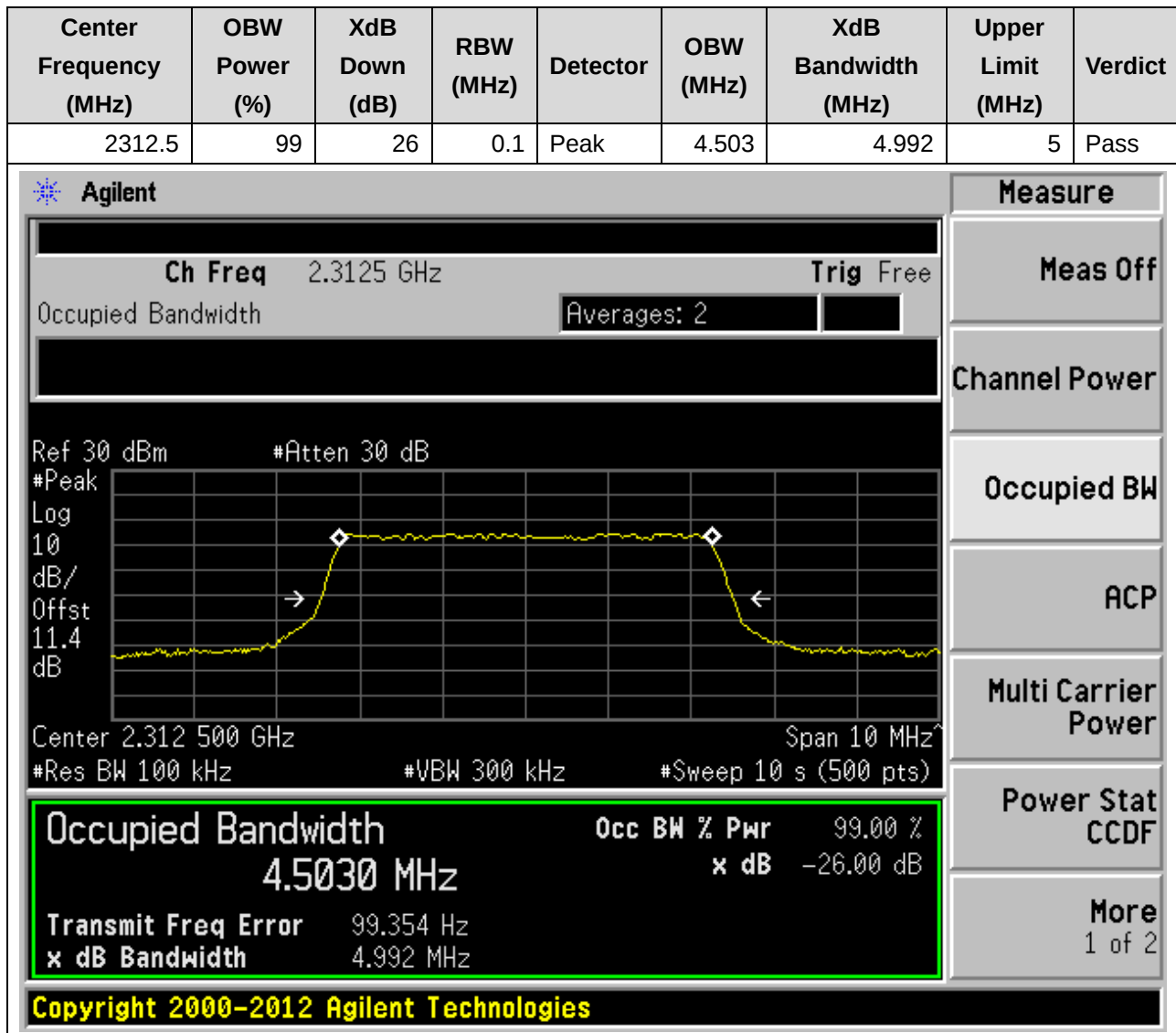
7.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:38750, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



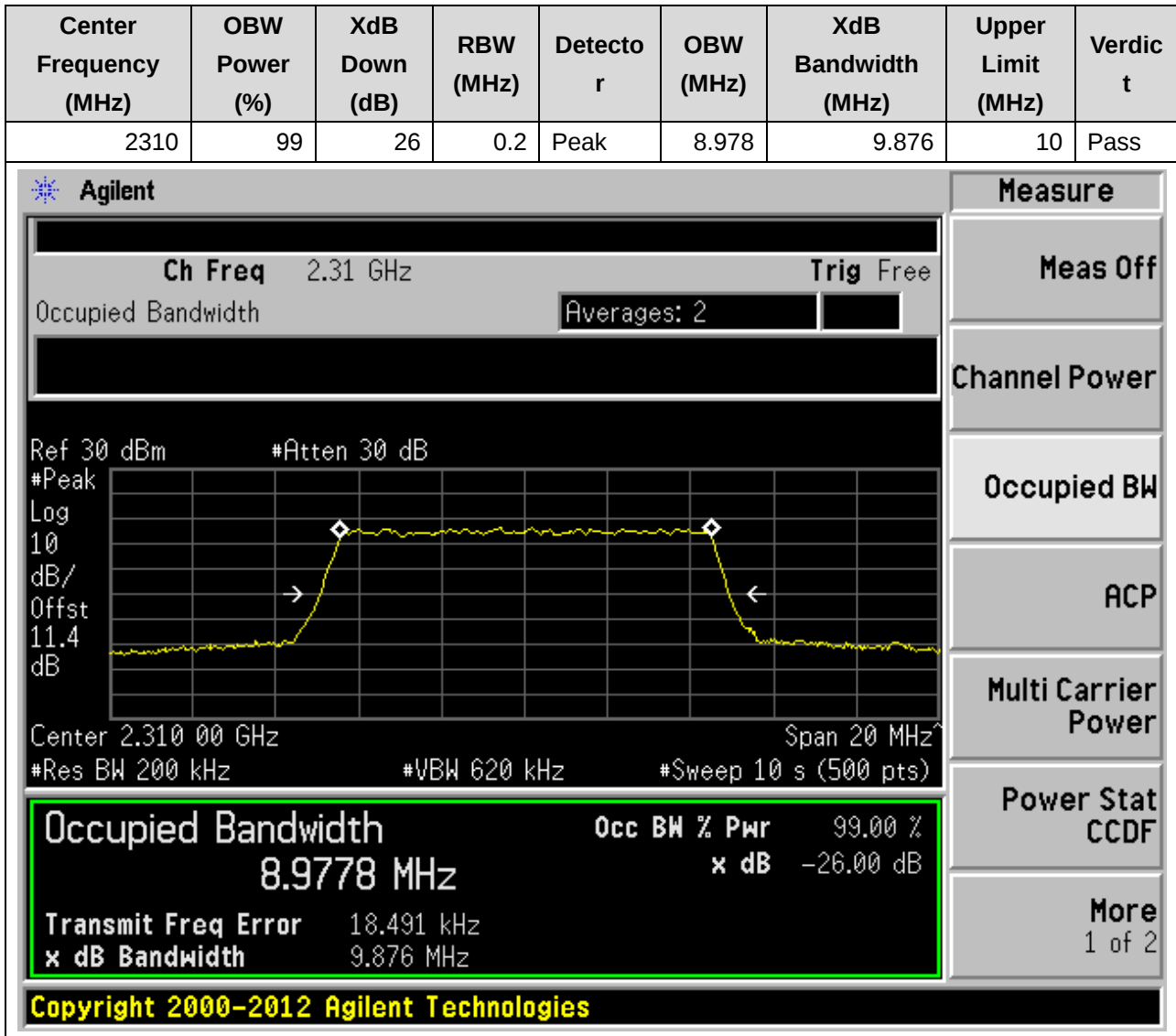
7.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:38775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



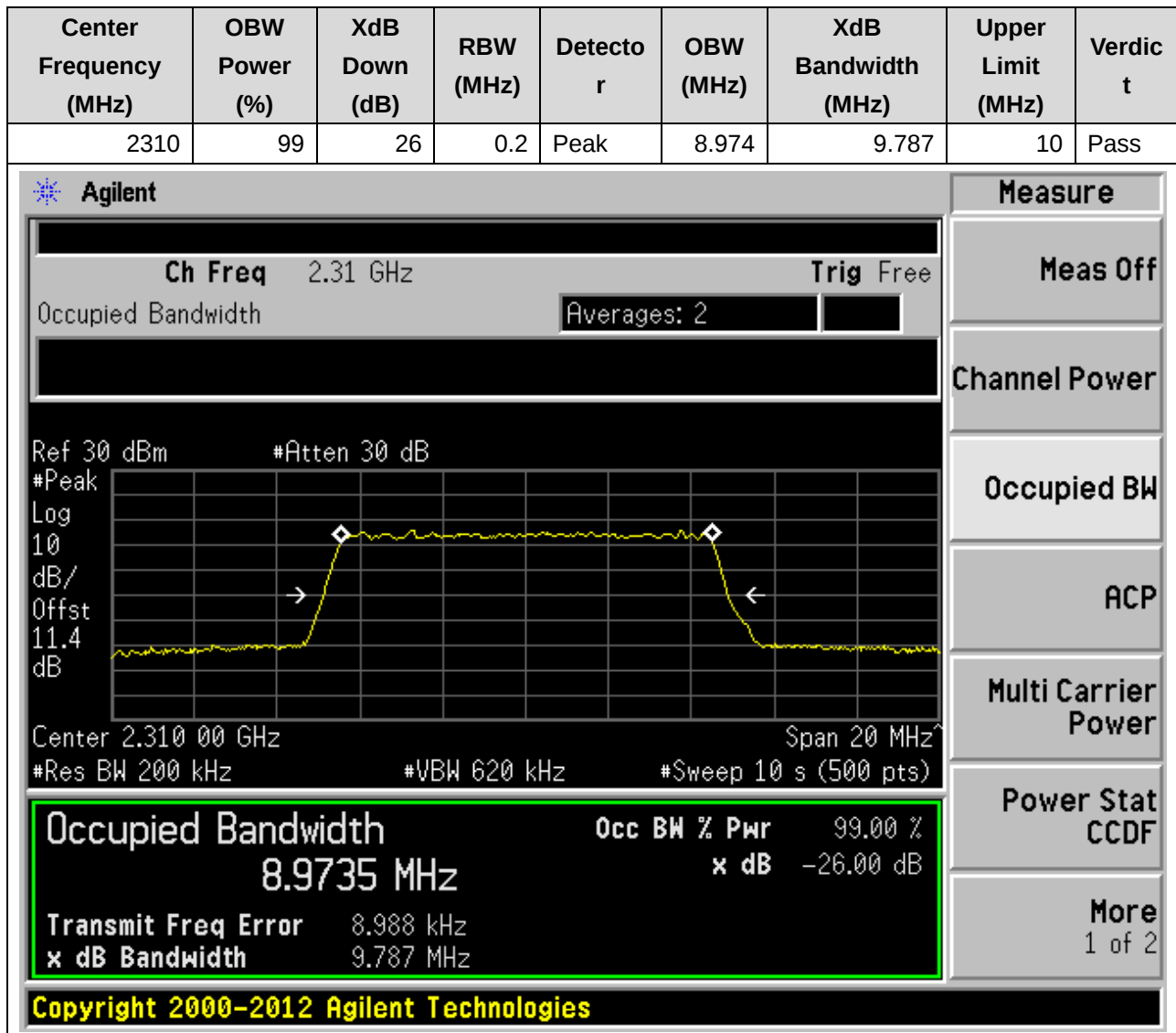
7.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:38775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



7.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:38750, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

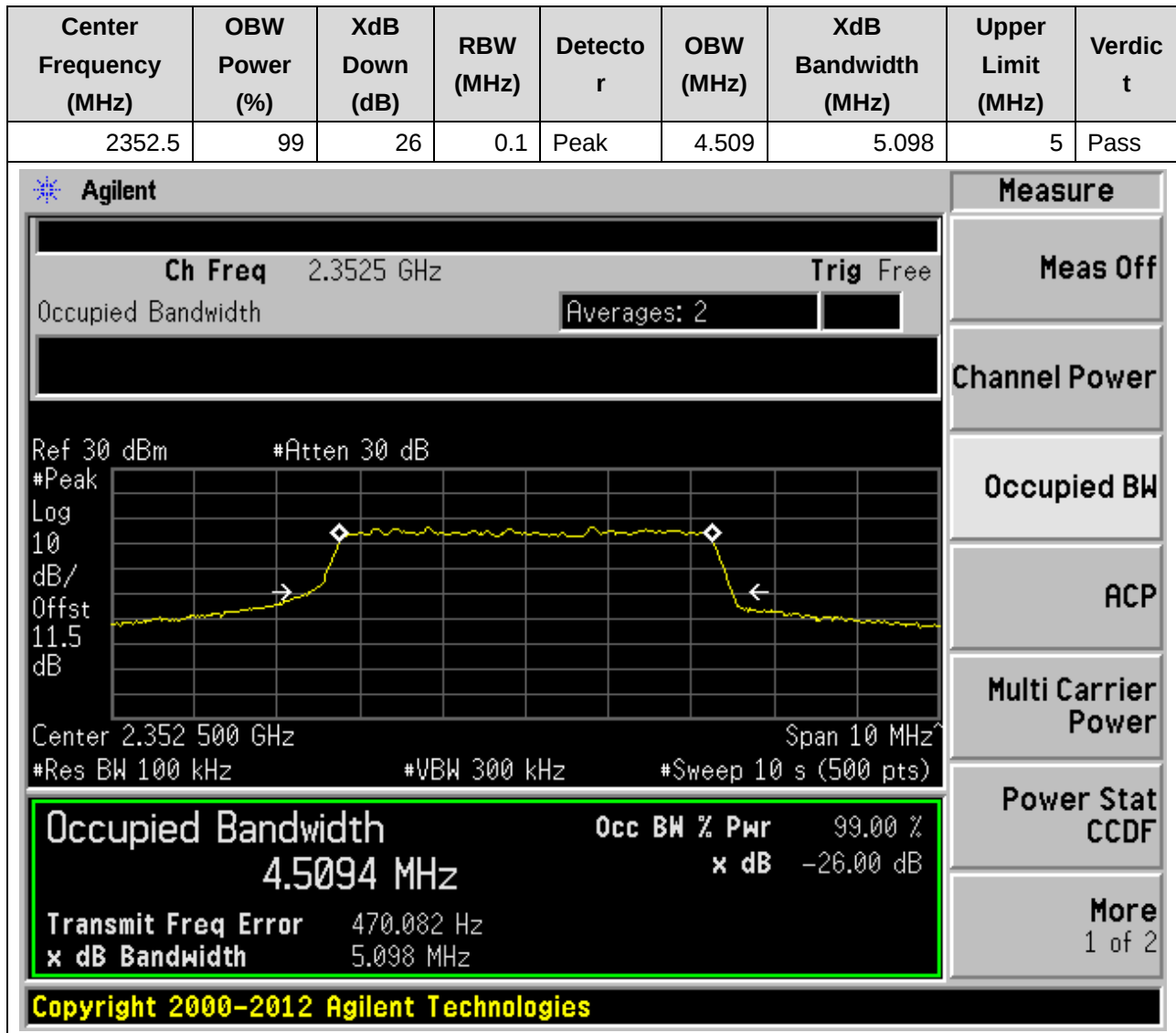


7.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:38750, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

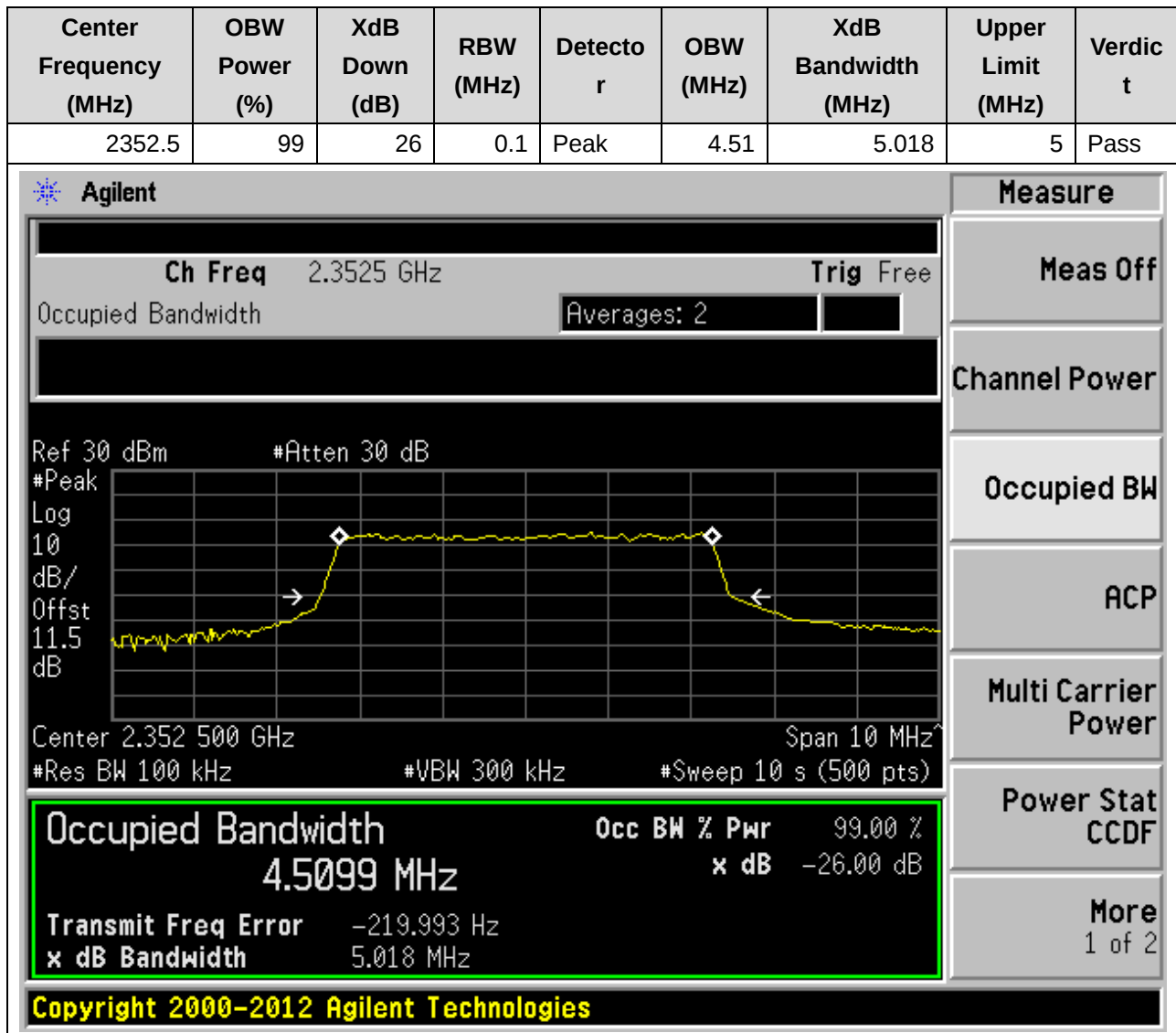


8. LTE_Band40(2350-2360)

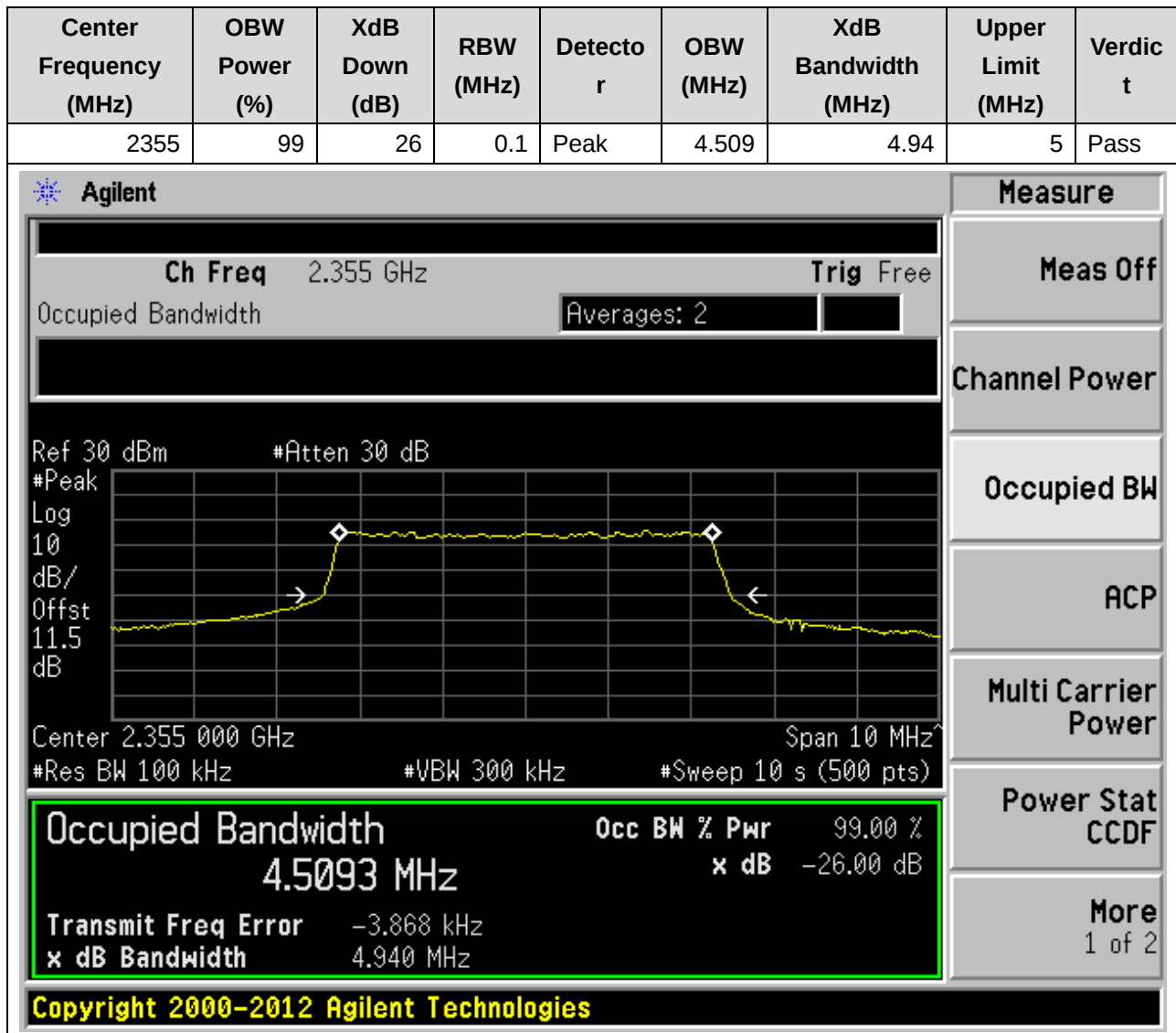
8.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:39175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



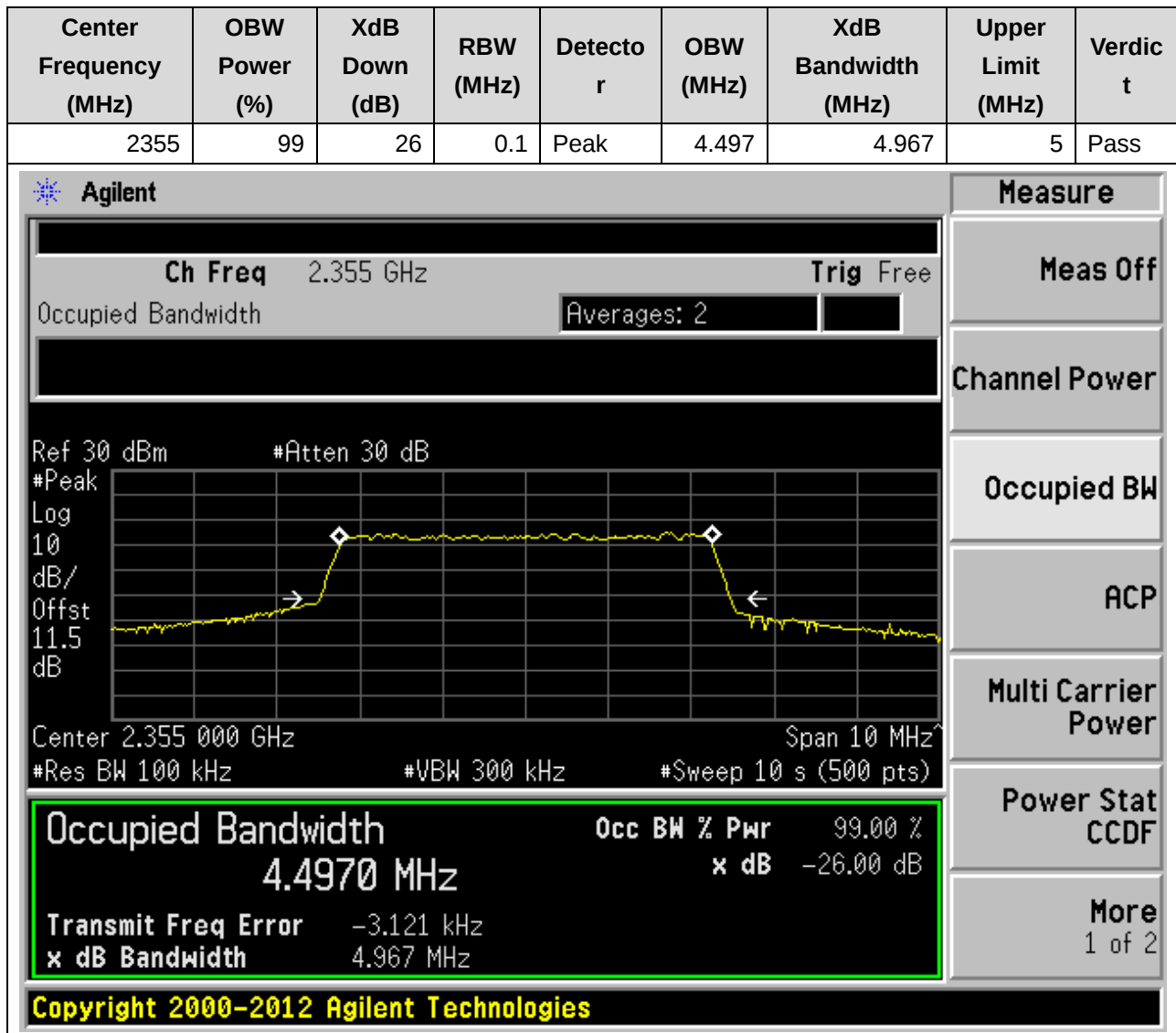
8.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:39175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



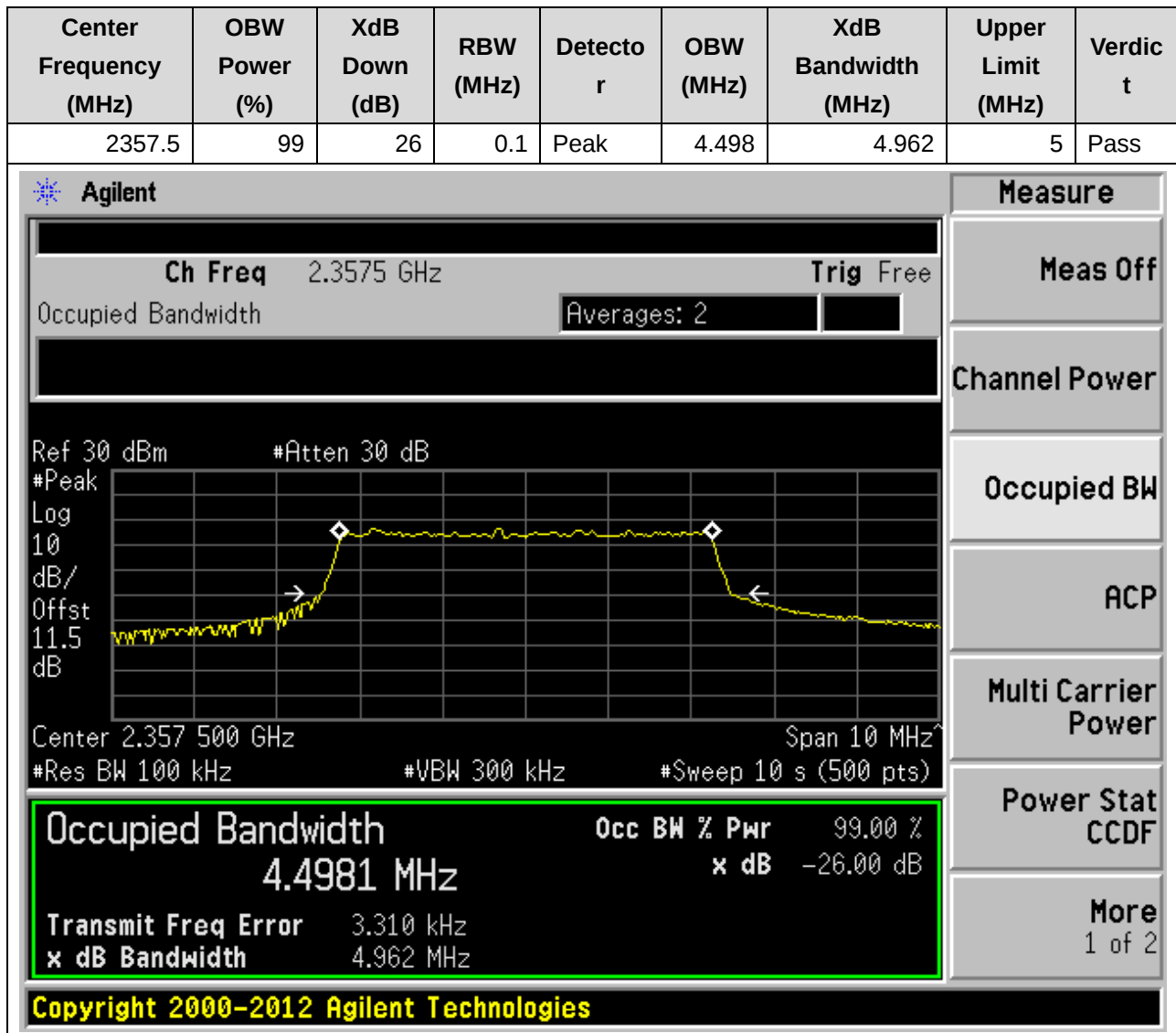
8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:39200, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



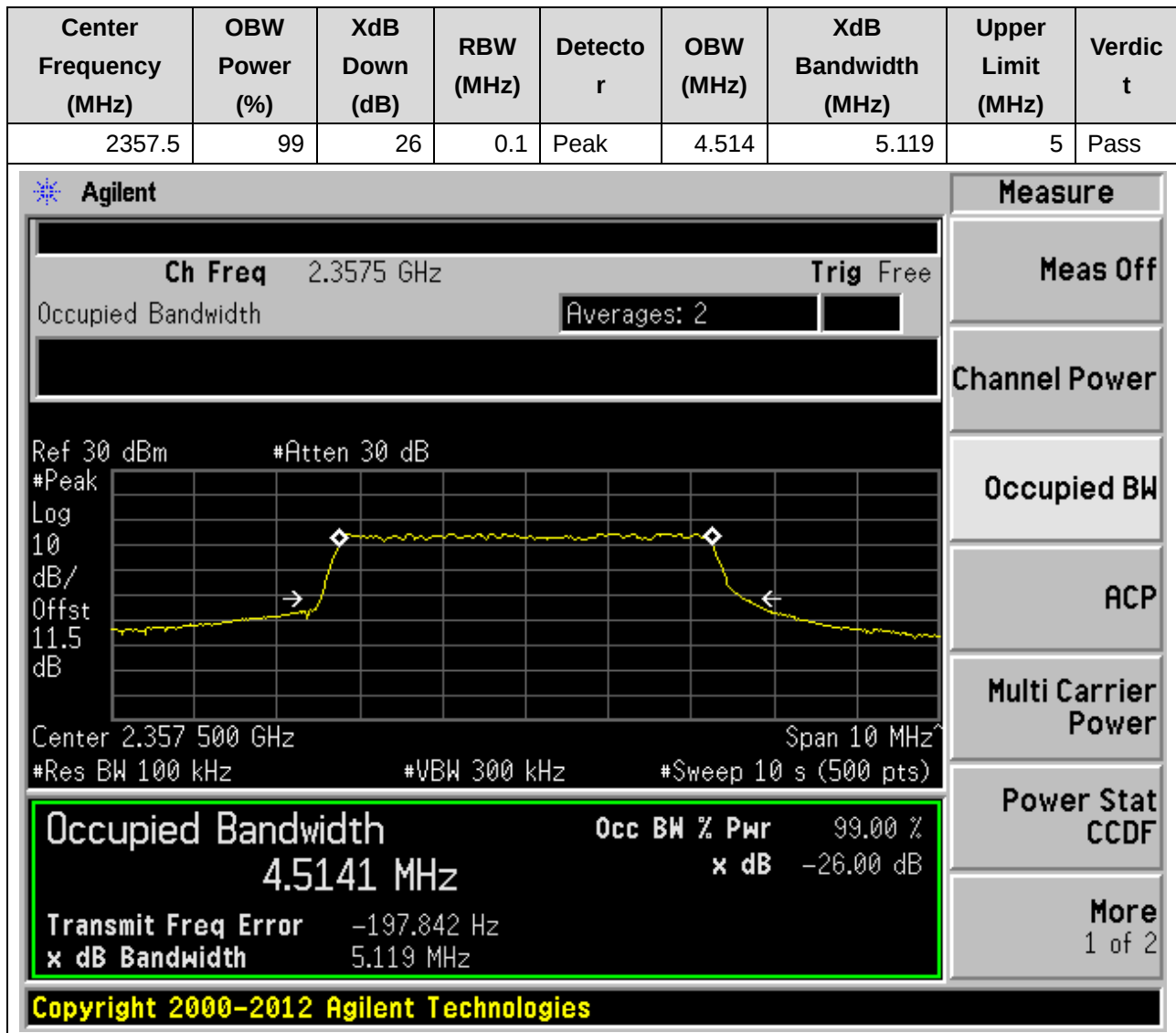
8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:39200, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



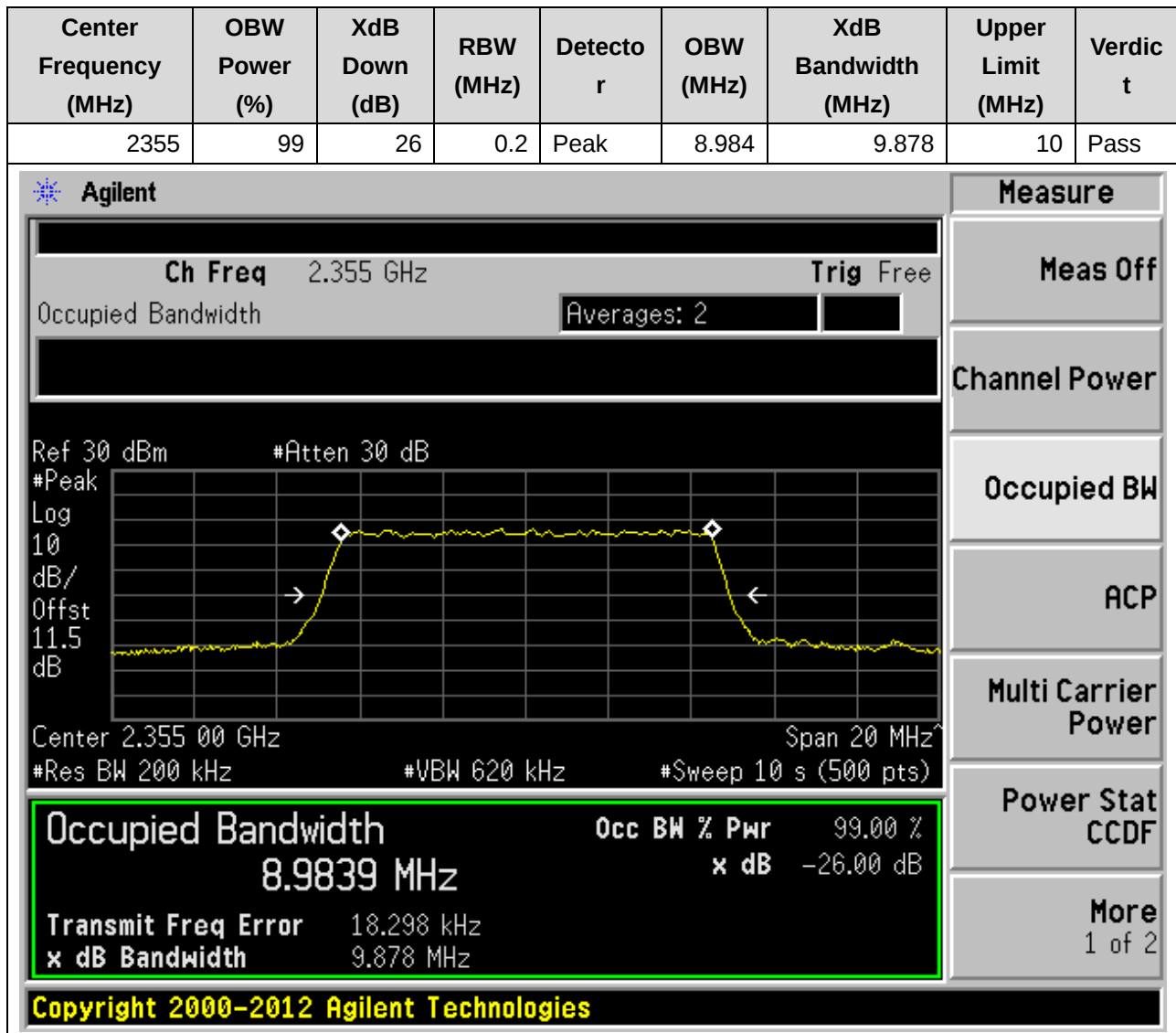
8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:39225, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



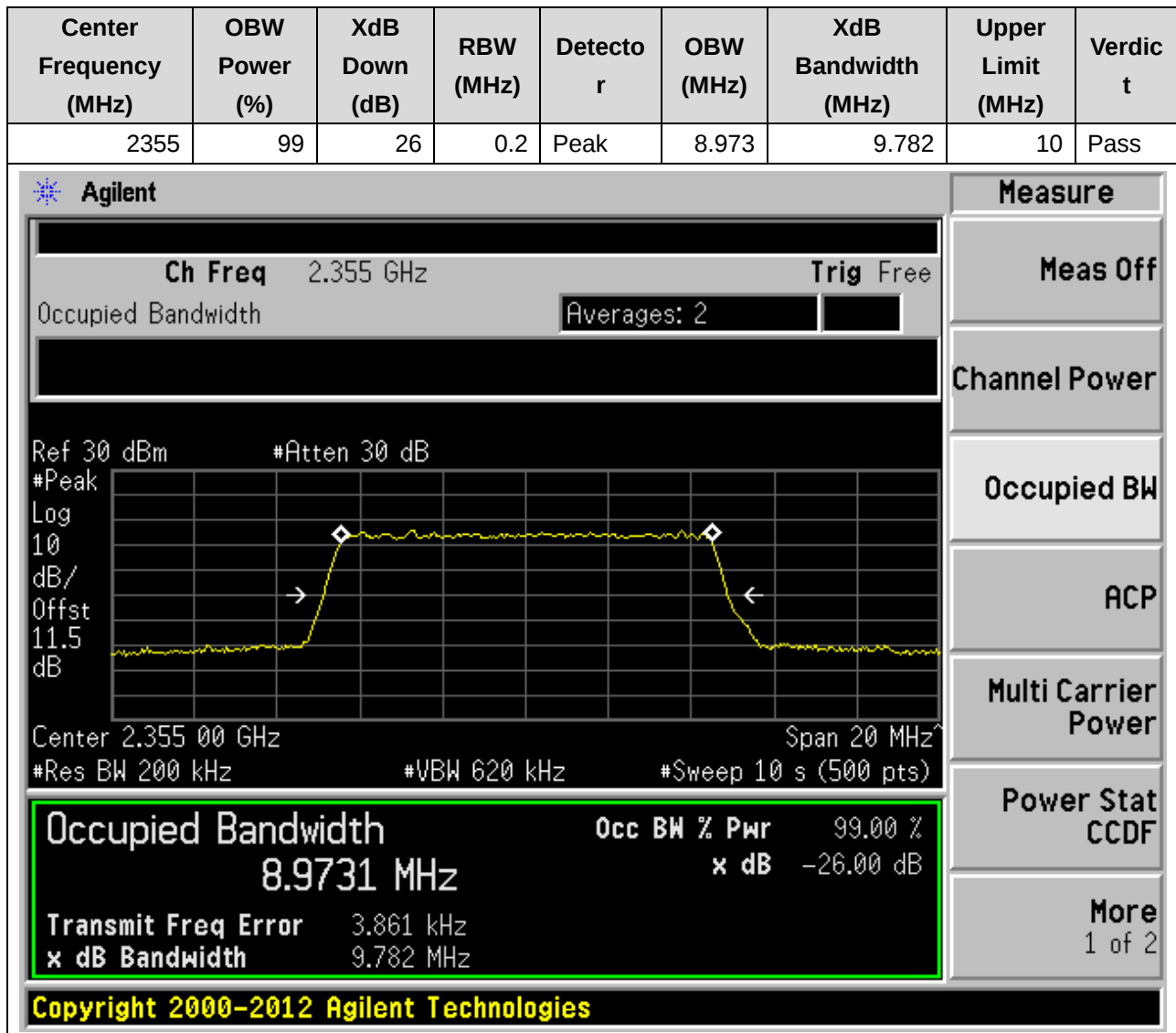
8.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:39225, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



8.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

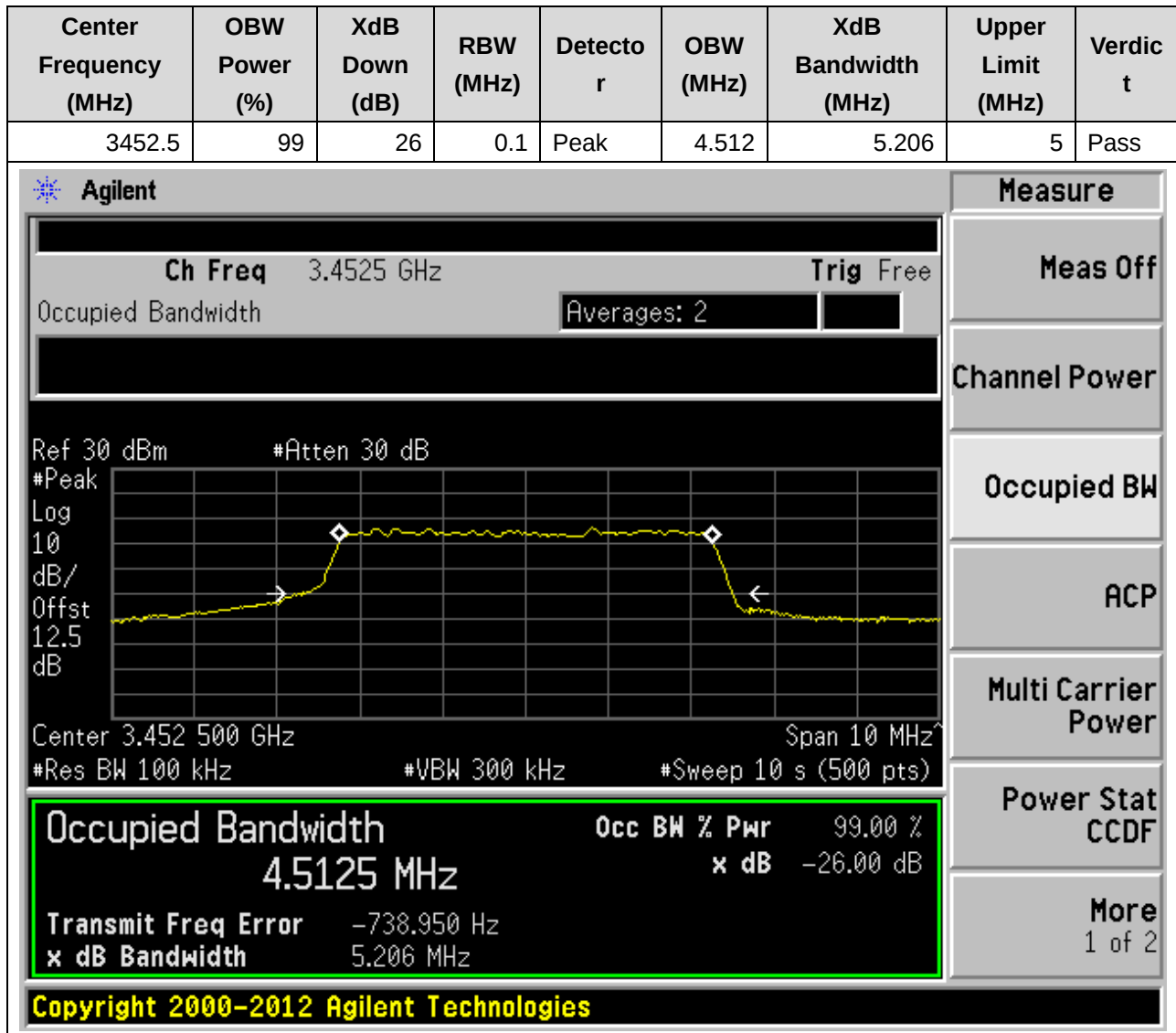


8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:39200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

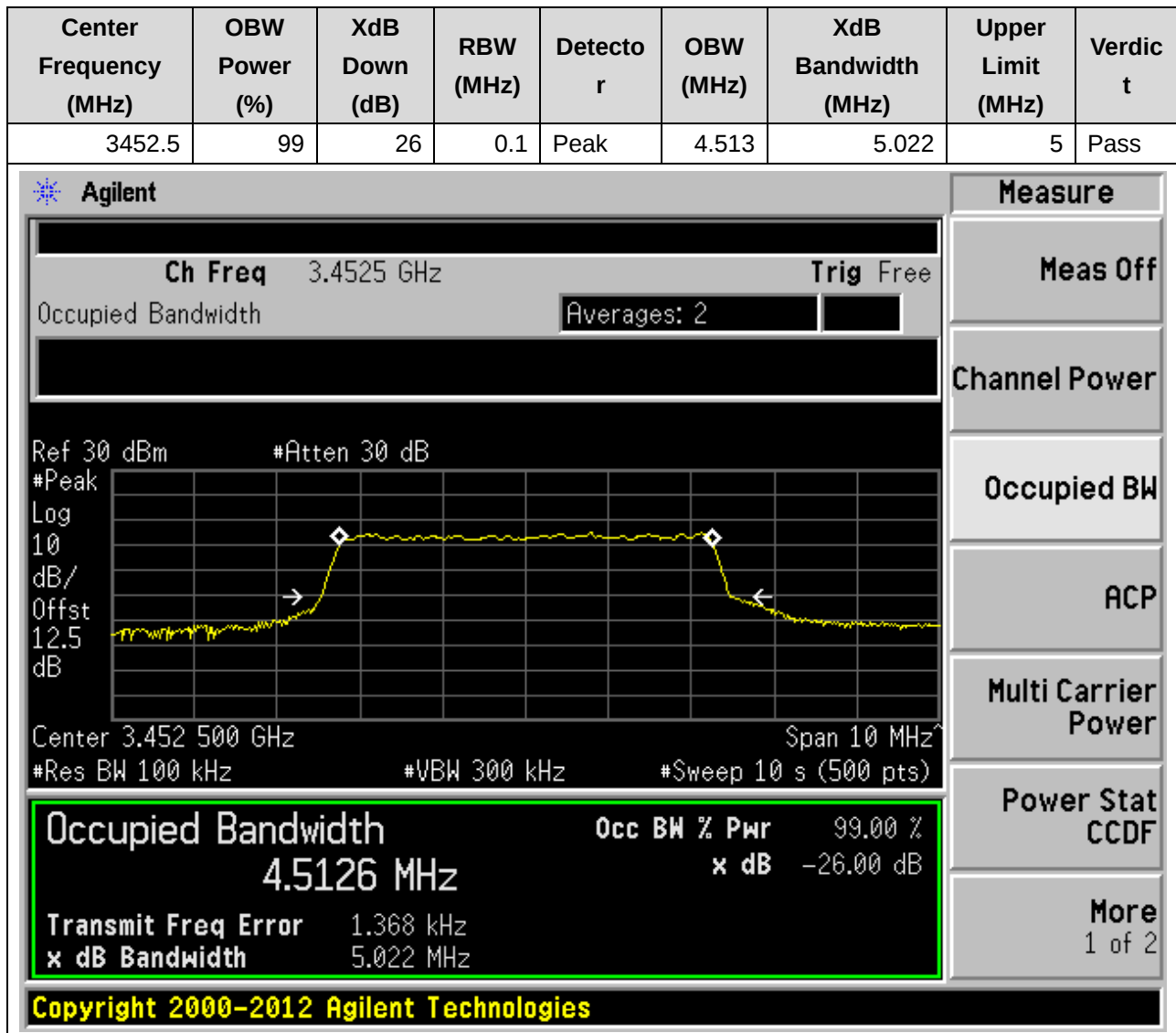


9. LTE_Band42 3450-3550

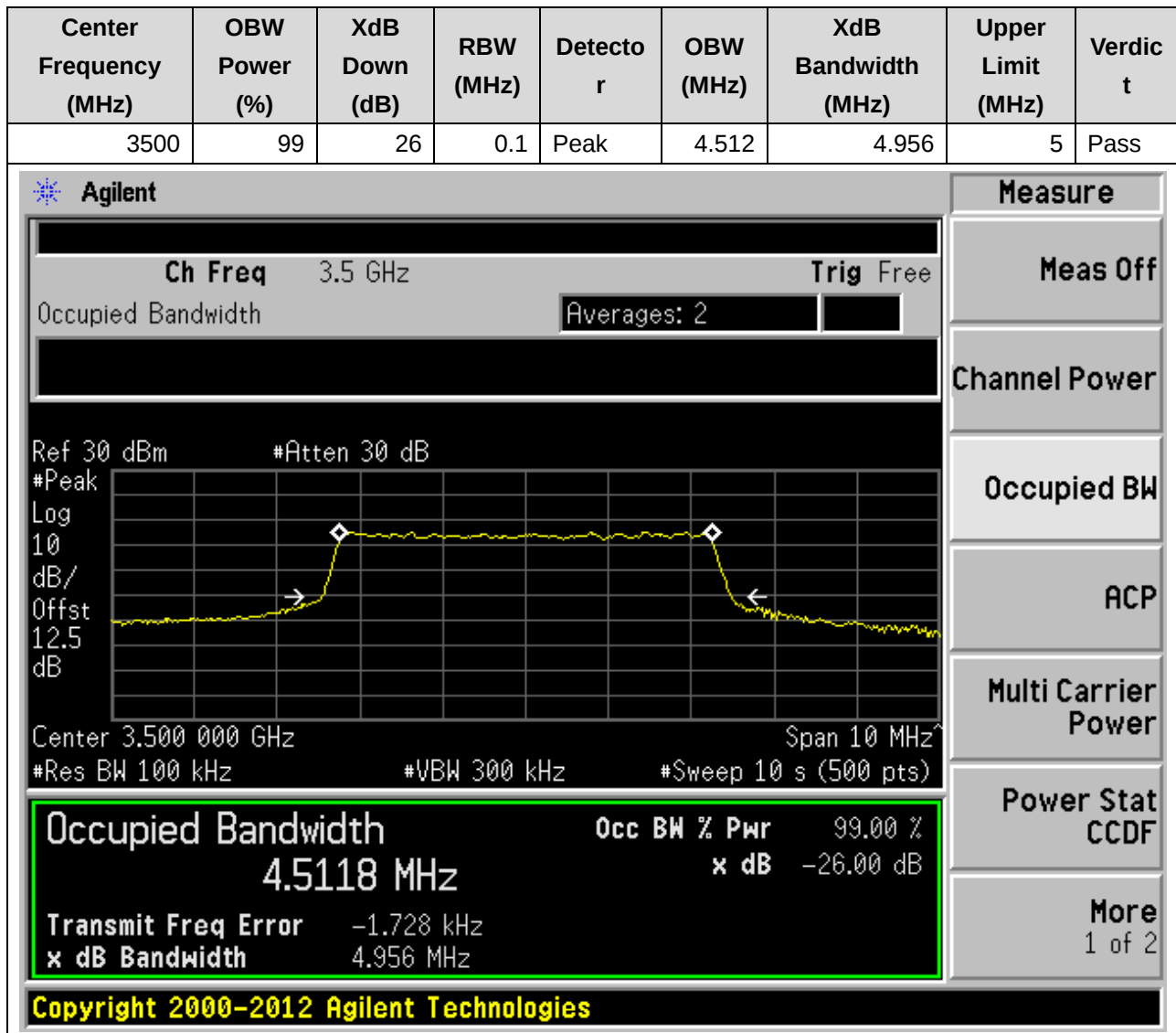
9.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:42115, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



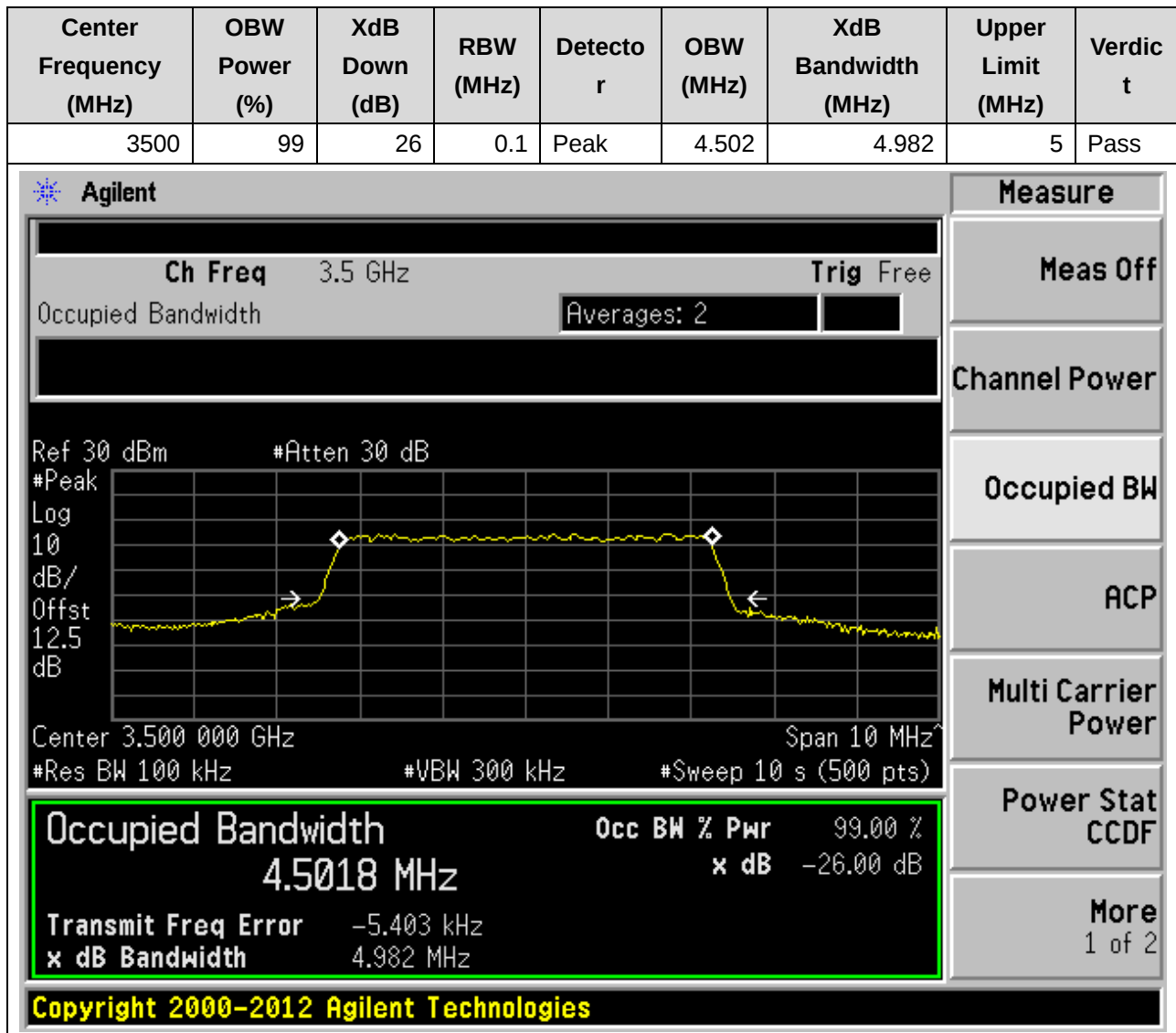
9.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:42115, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



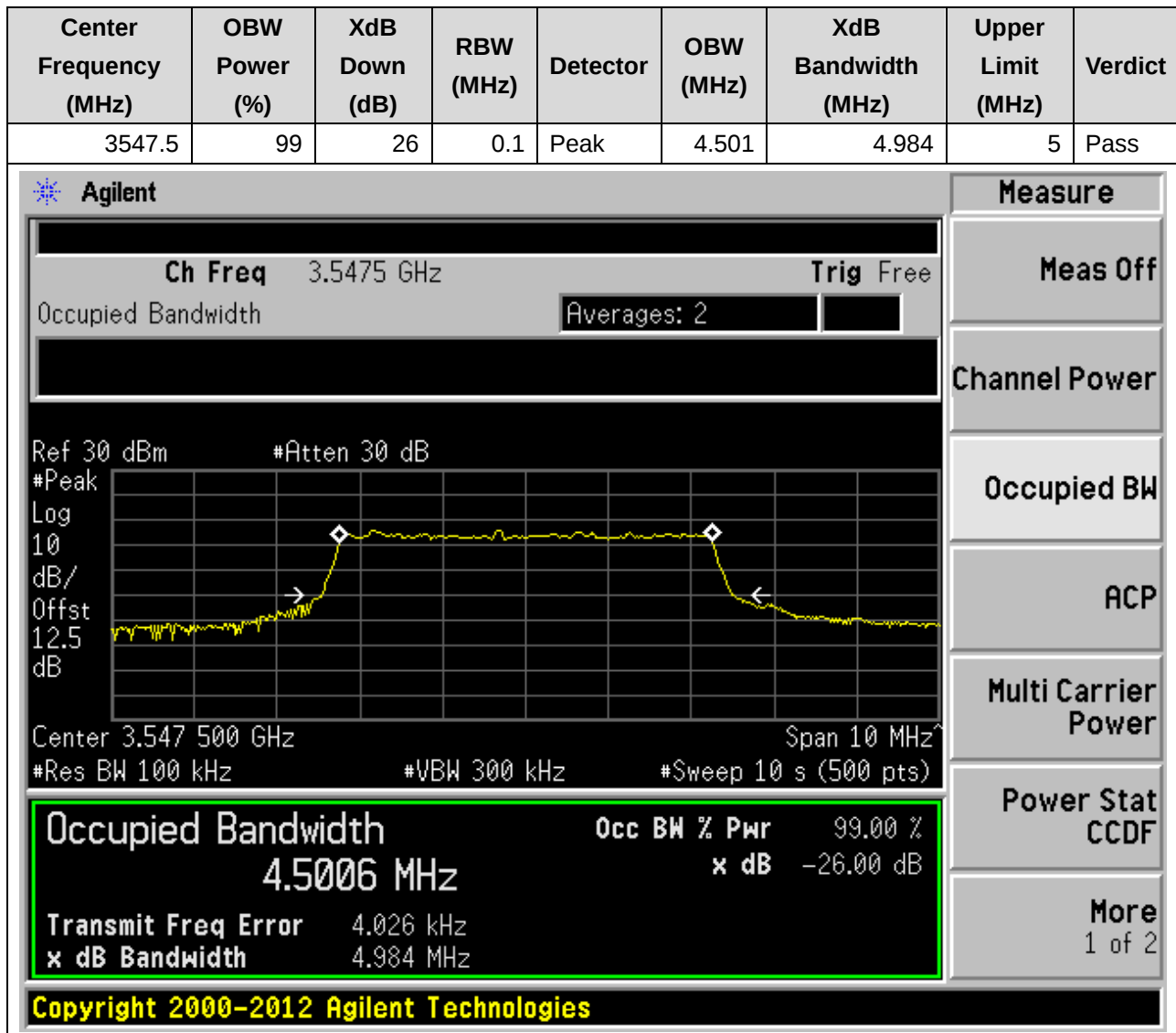
9.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:42590, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



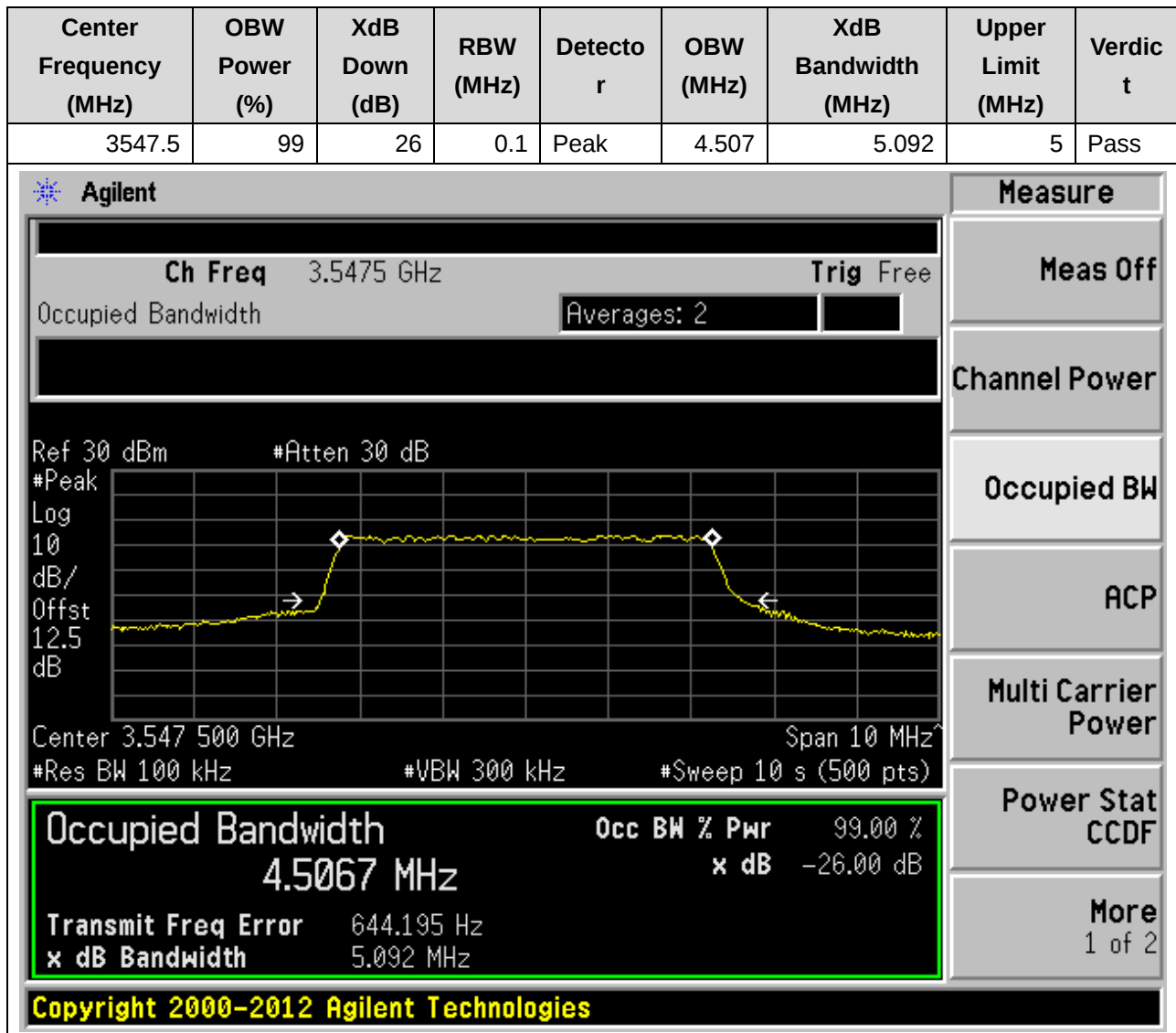
9.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:42590, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



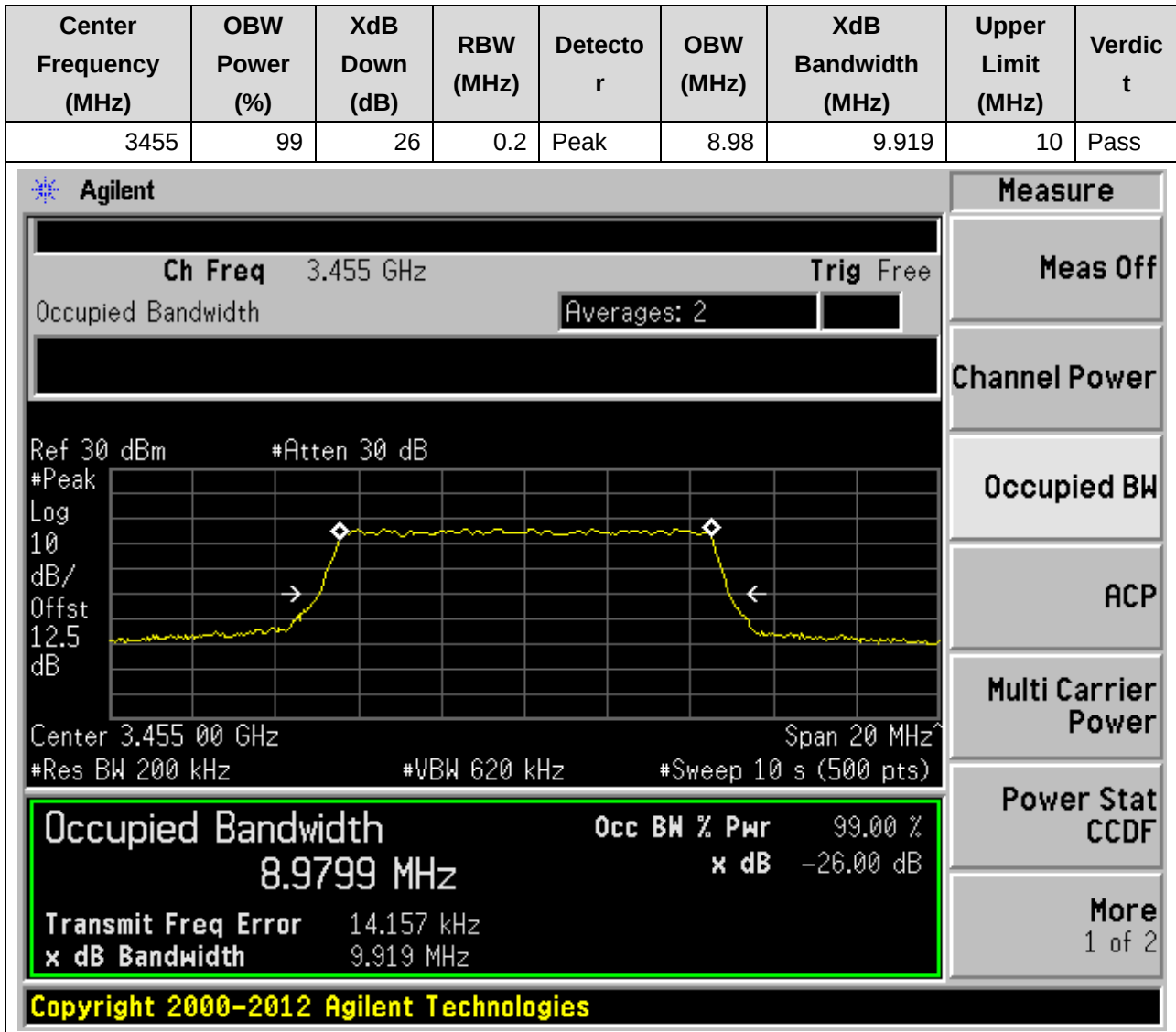
9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:43065, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



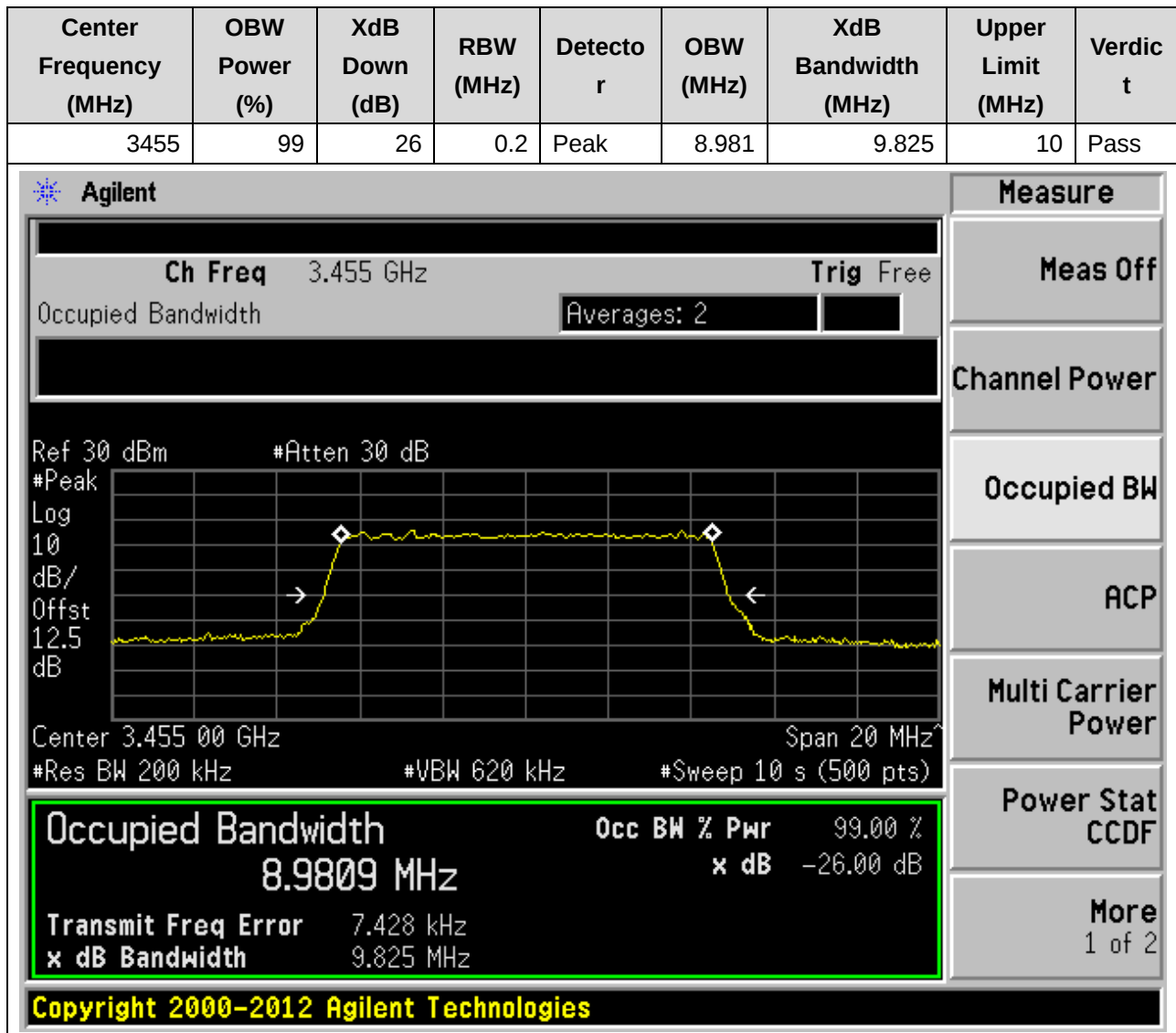
9.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:43065, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



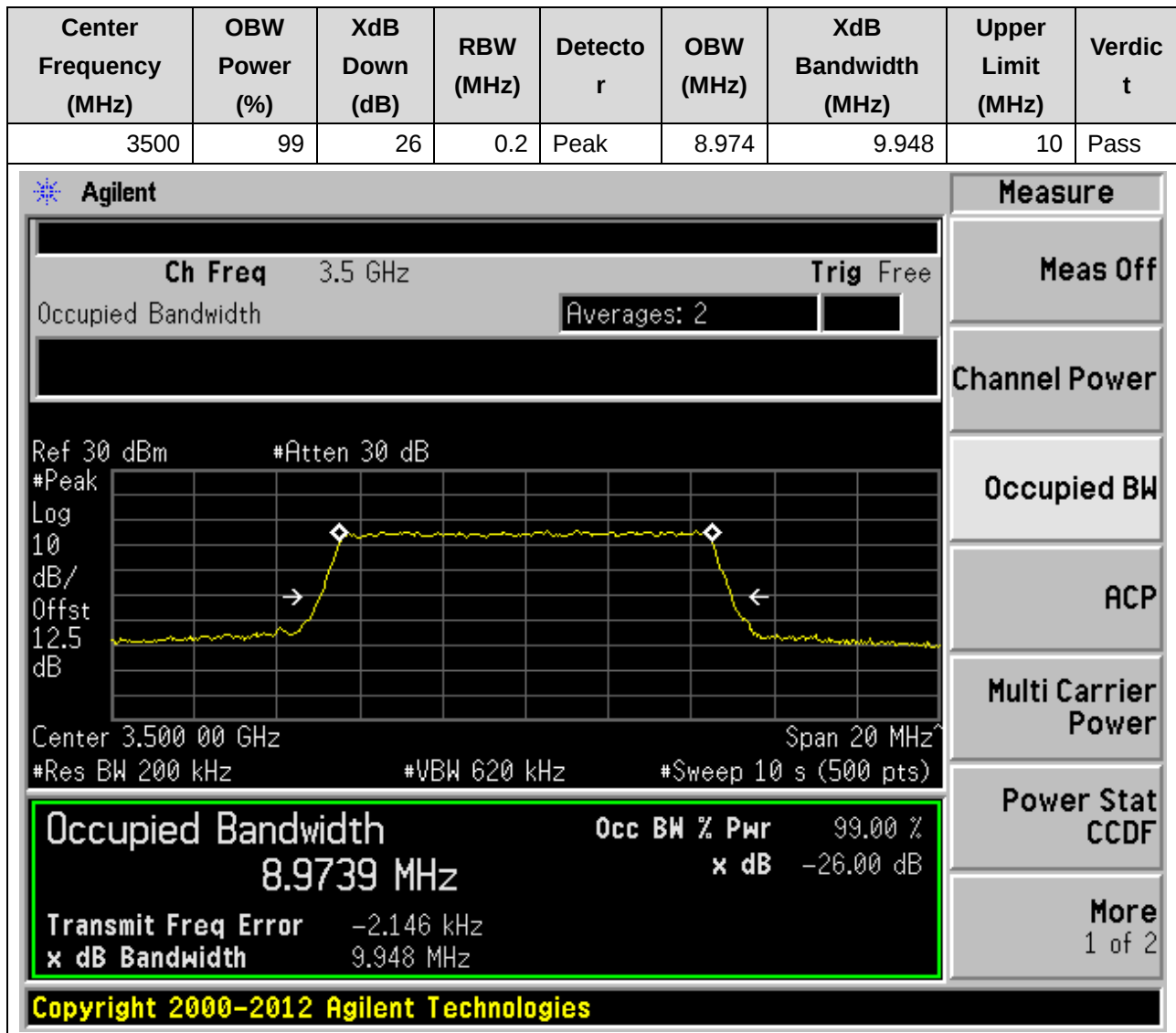
9.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:42140, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



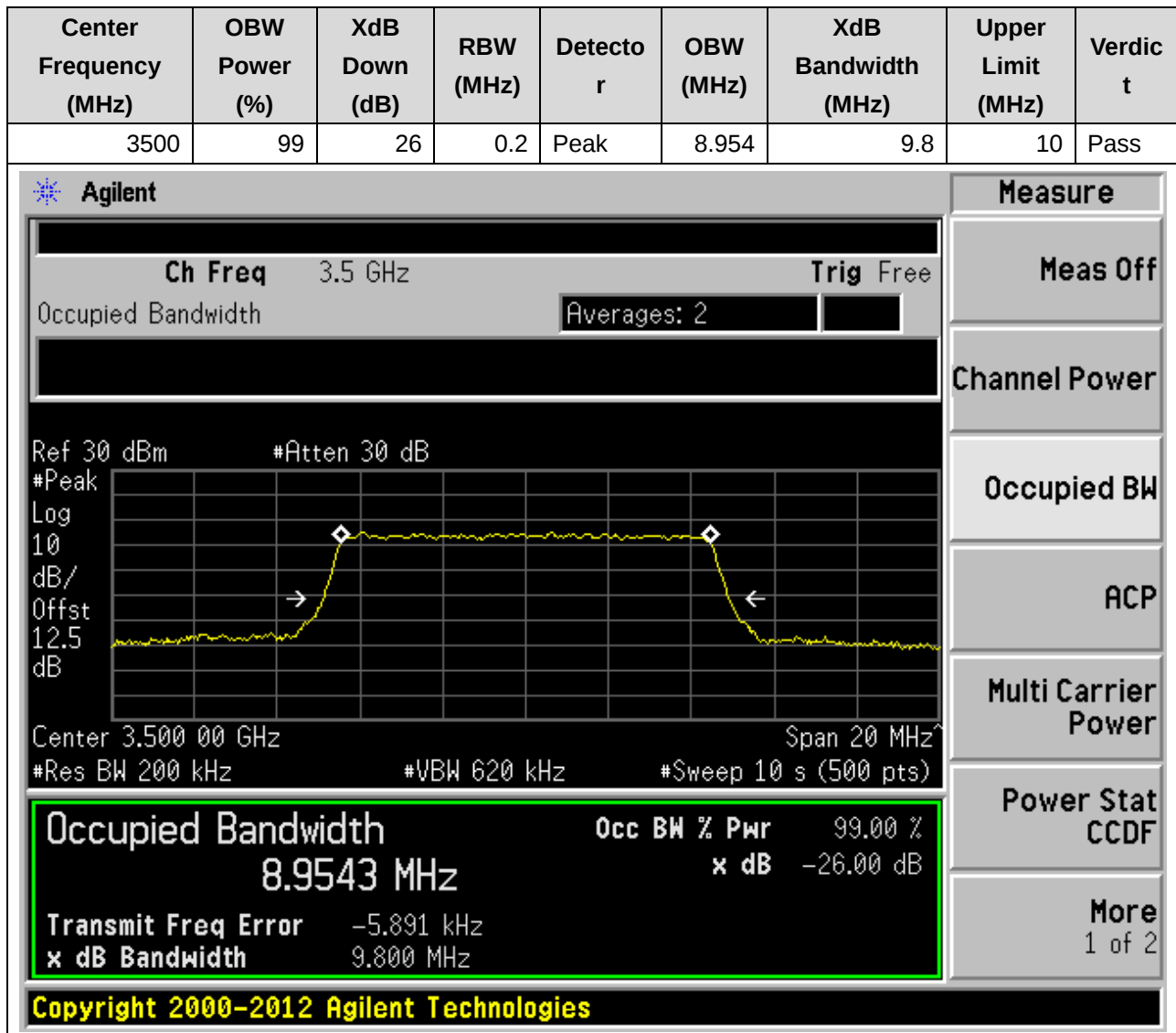
9.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:42140, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



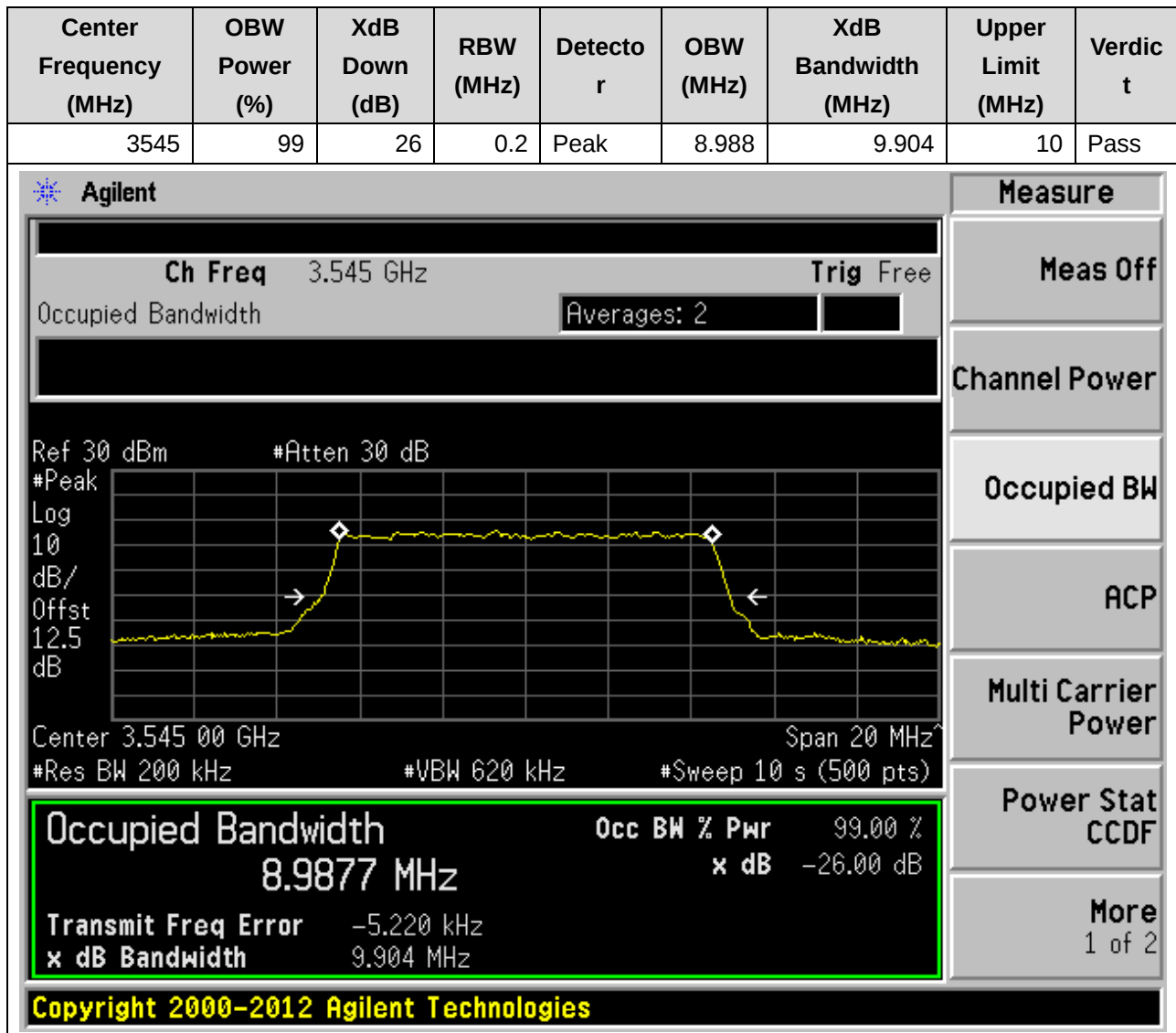
9.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:42590, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



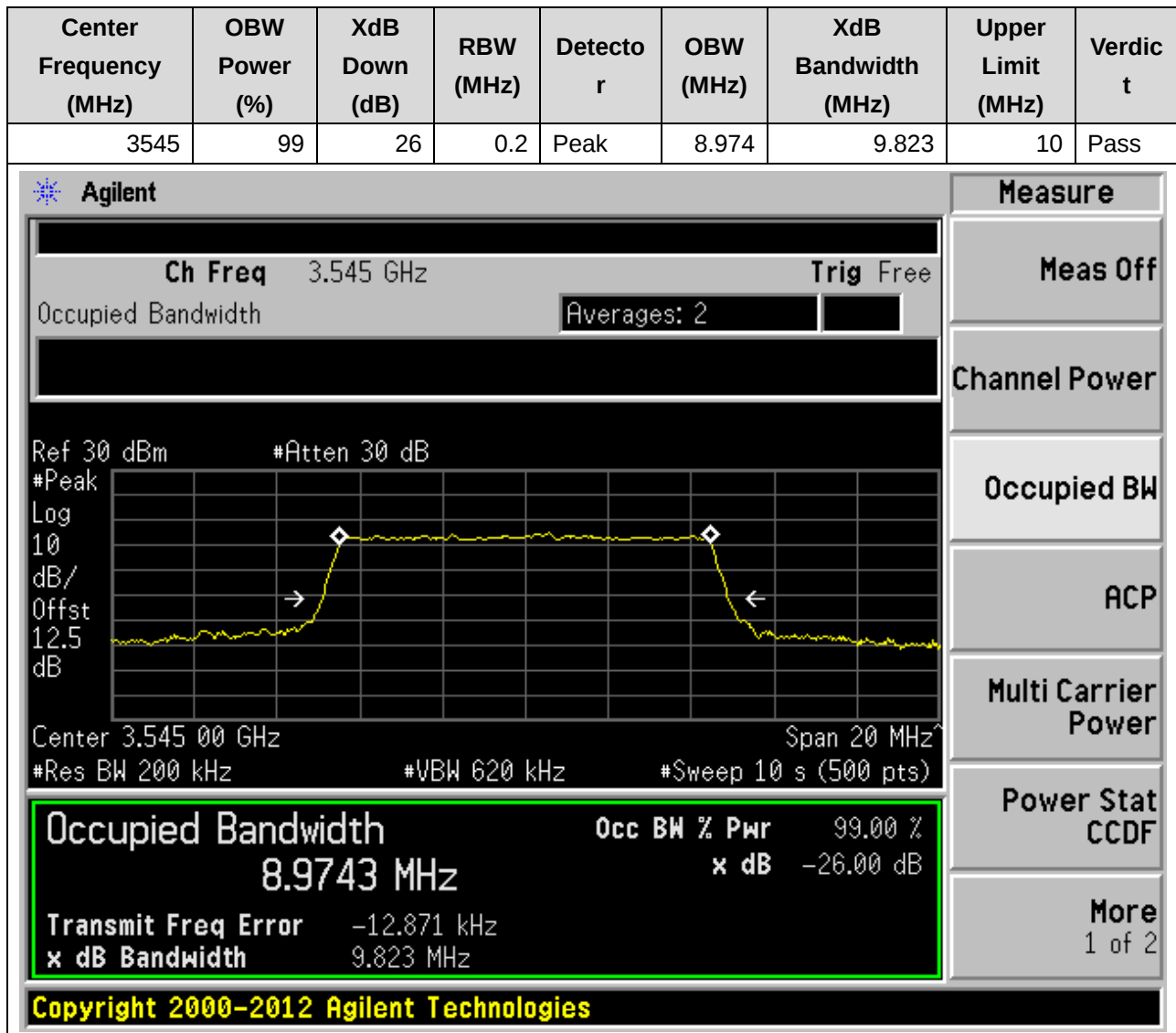
9.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:42590, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



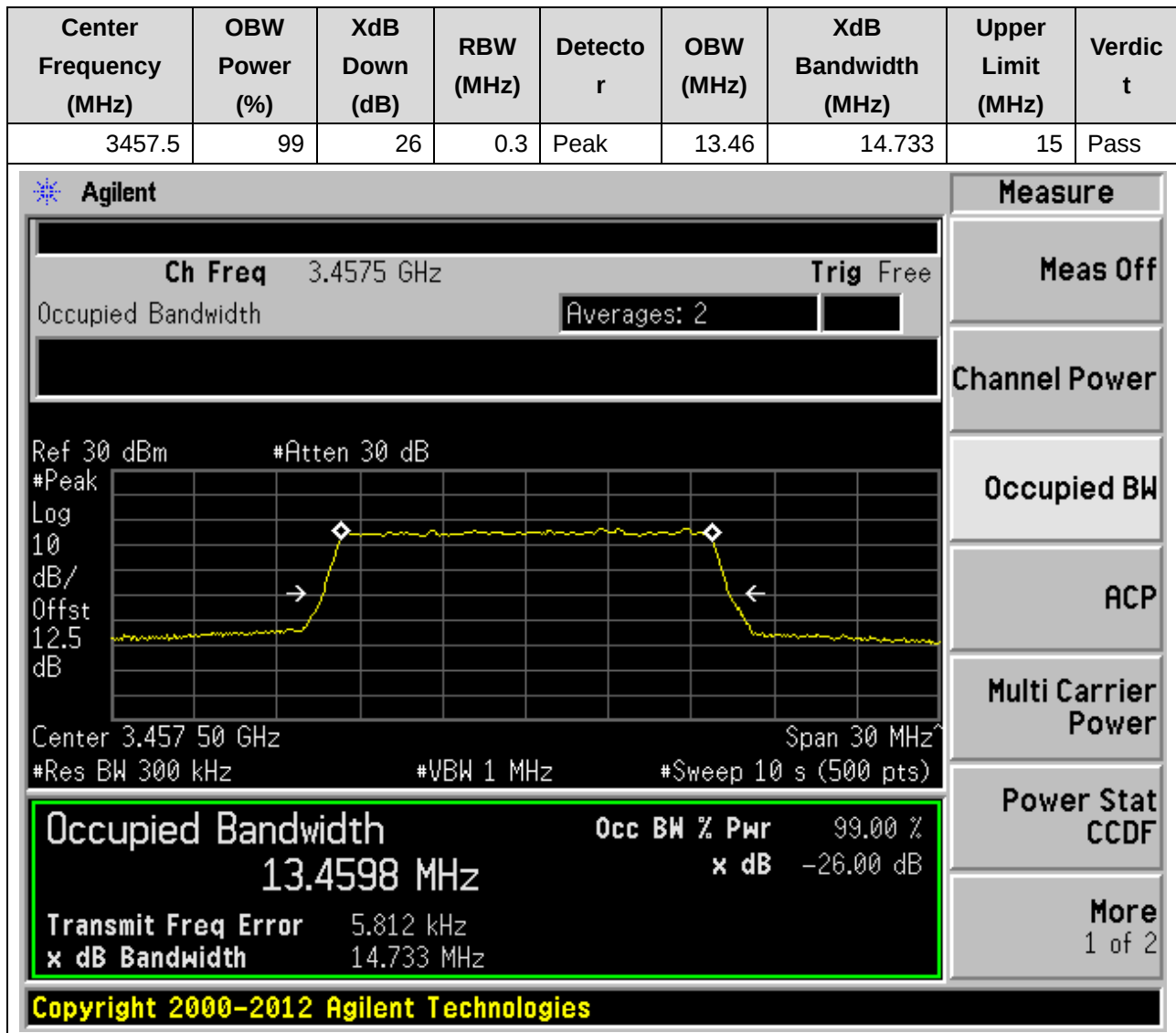
9.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:43040, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



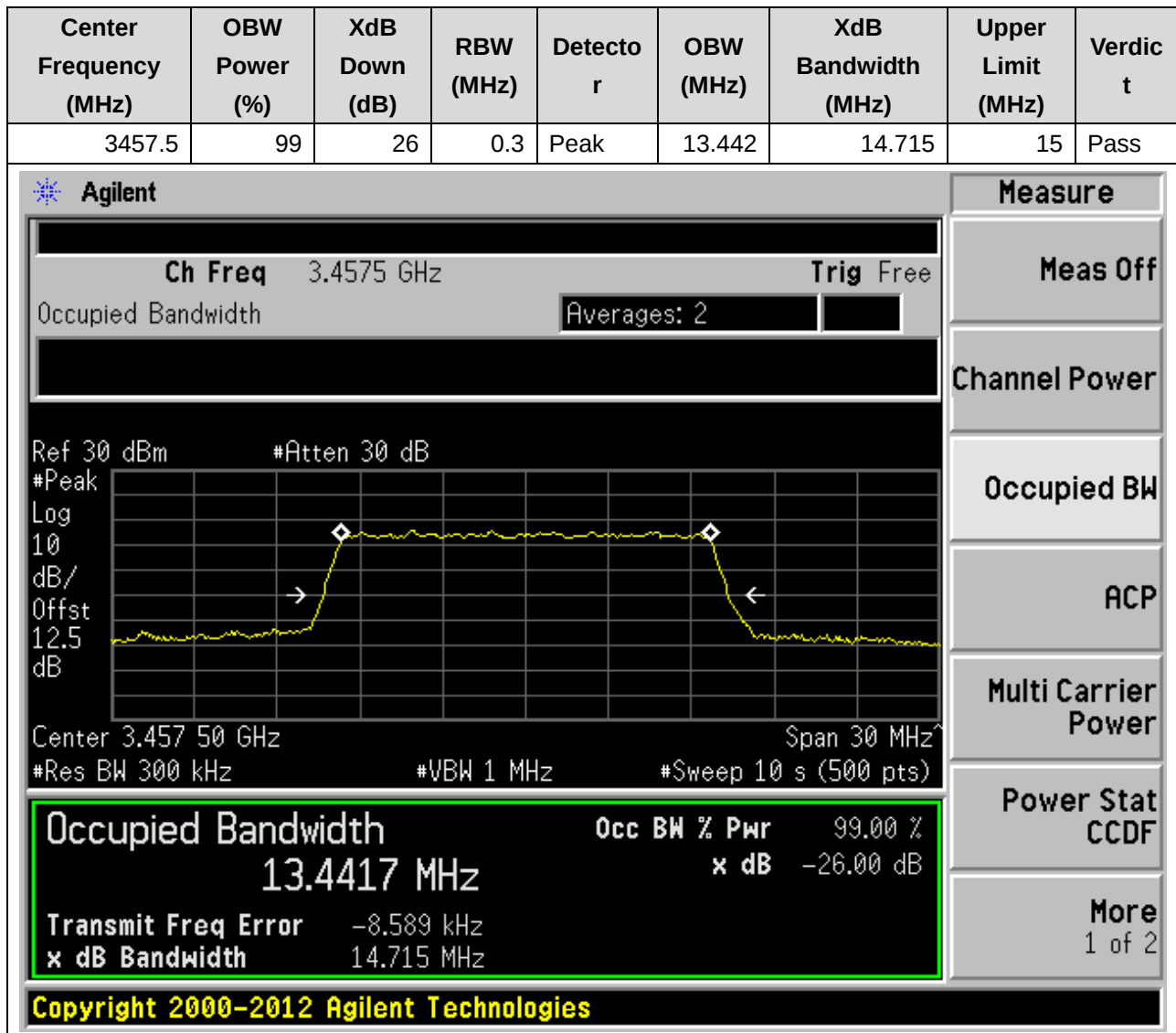
9.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:43040, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



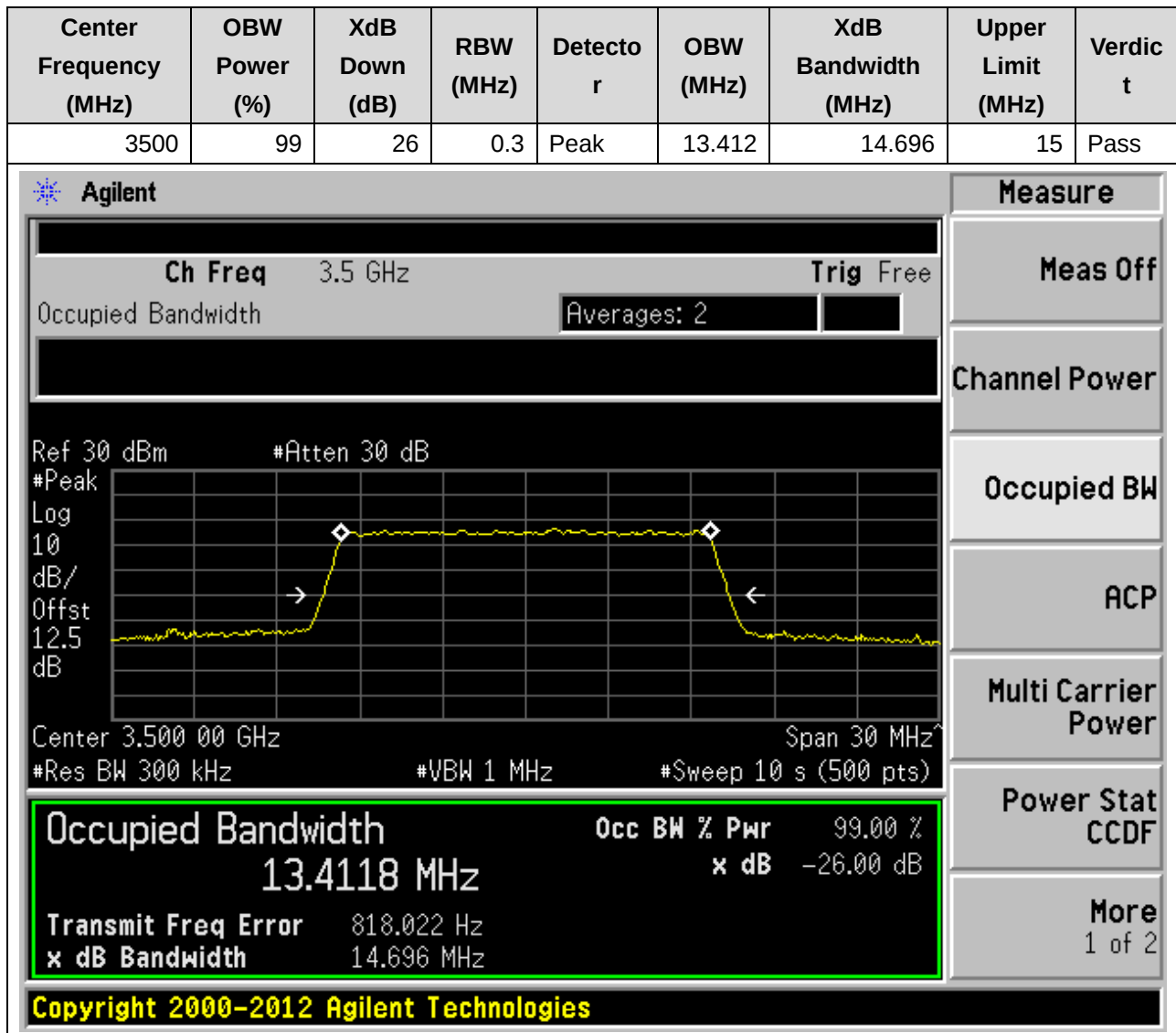
9.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:42165, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



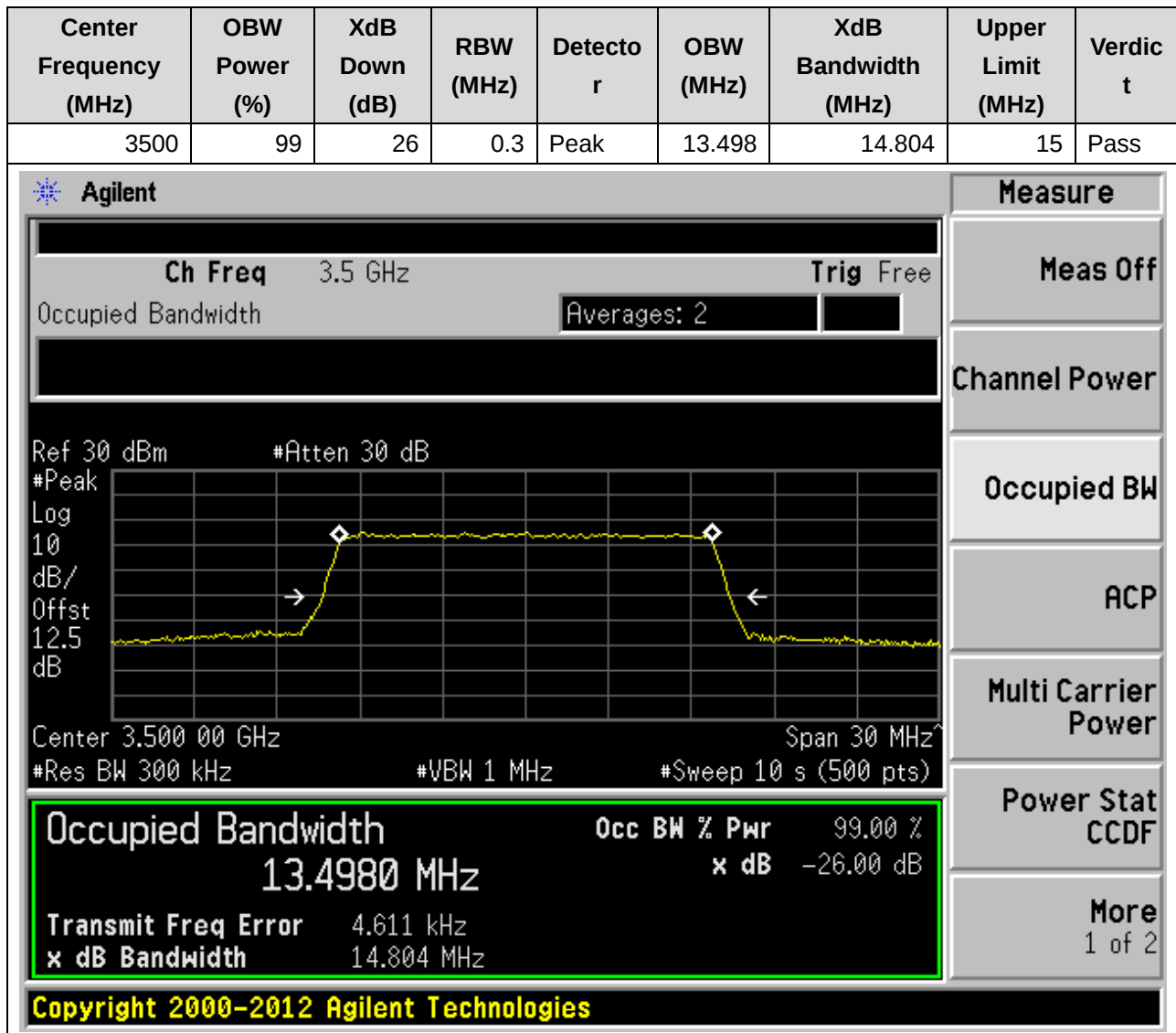
9.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:42165, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



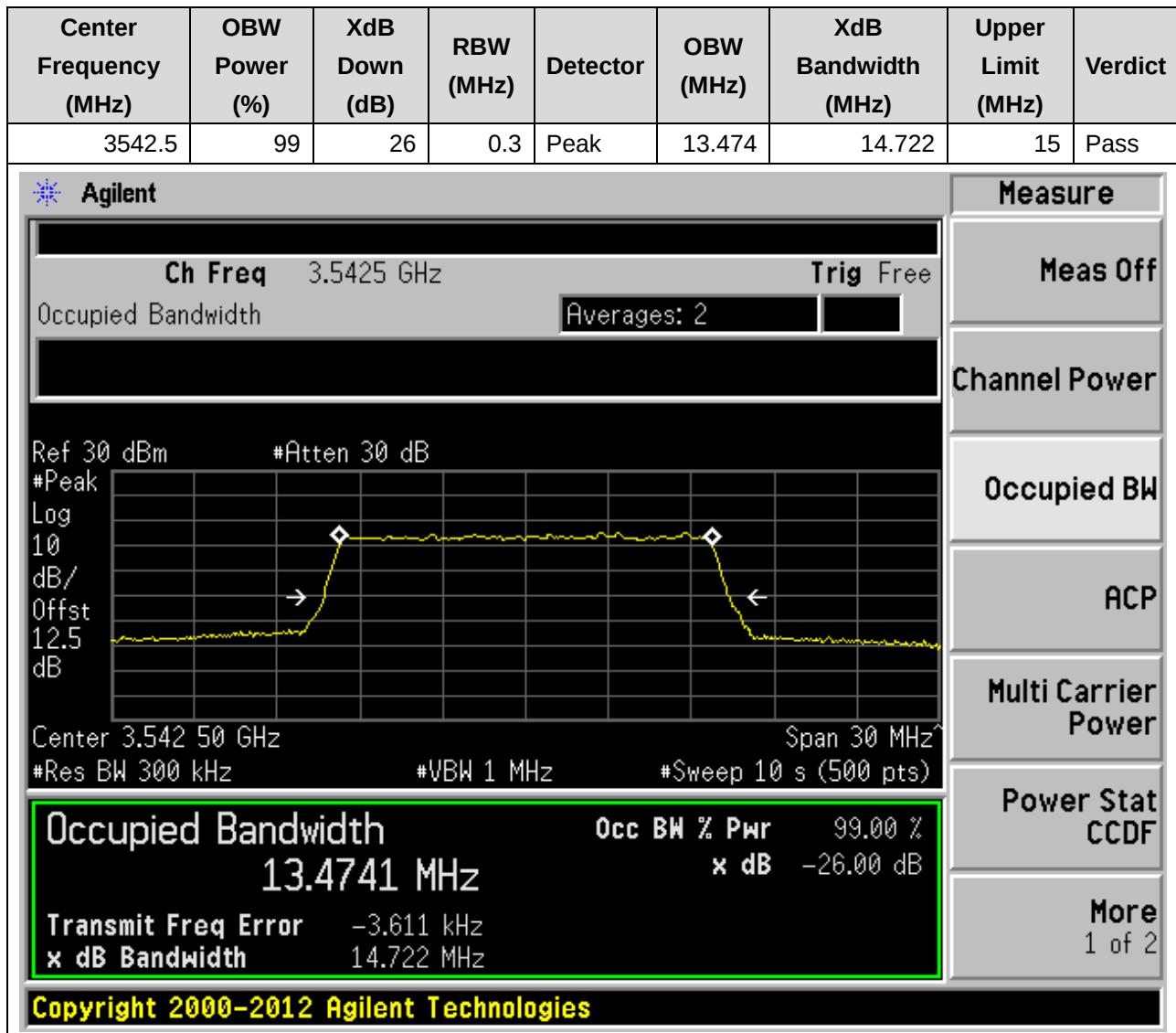
9.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:42590, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



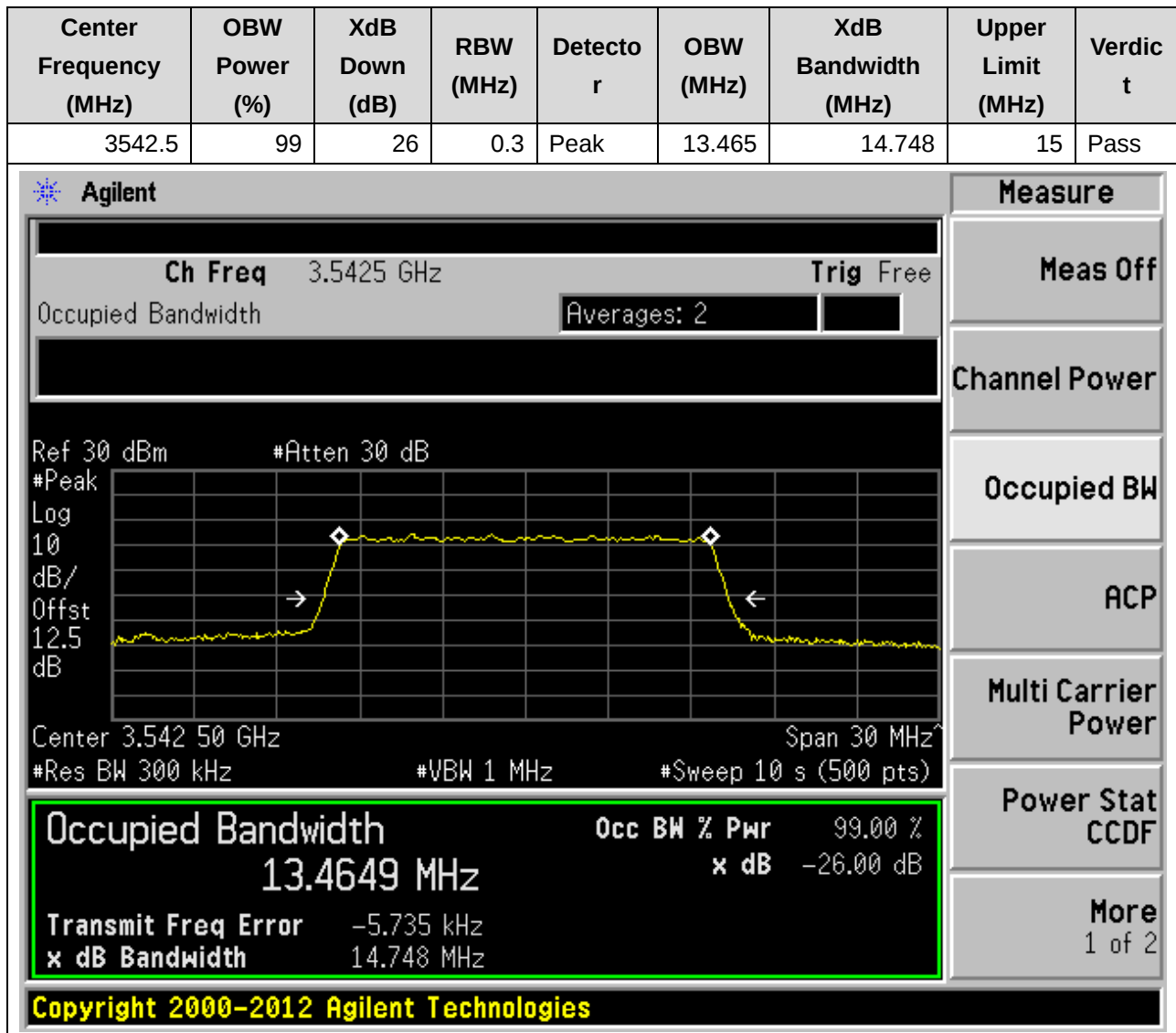
9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:42590, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



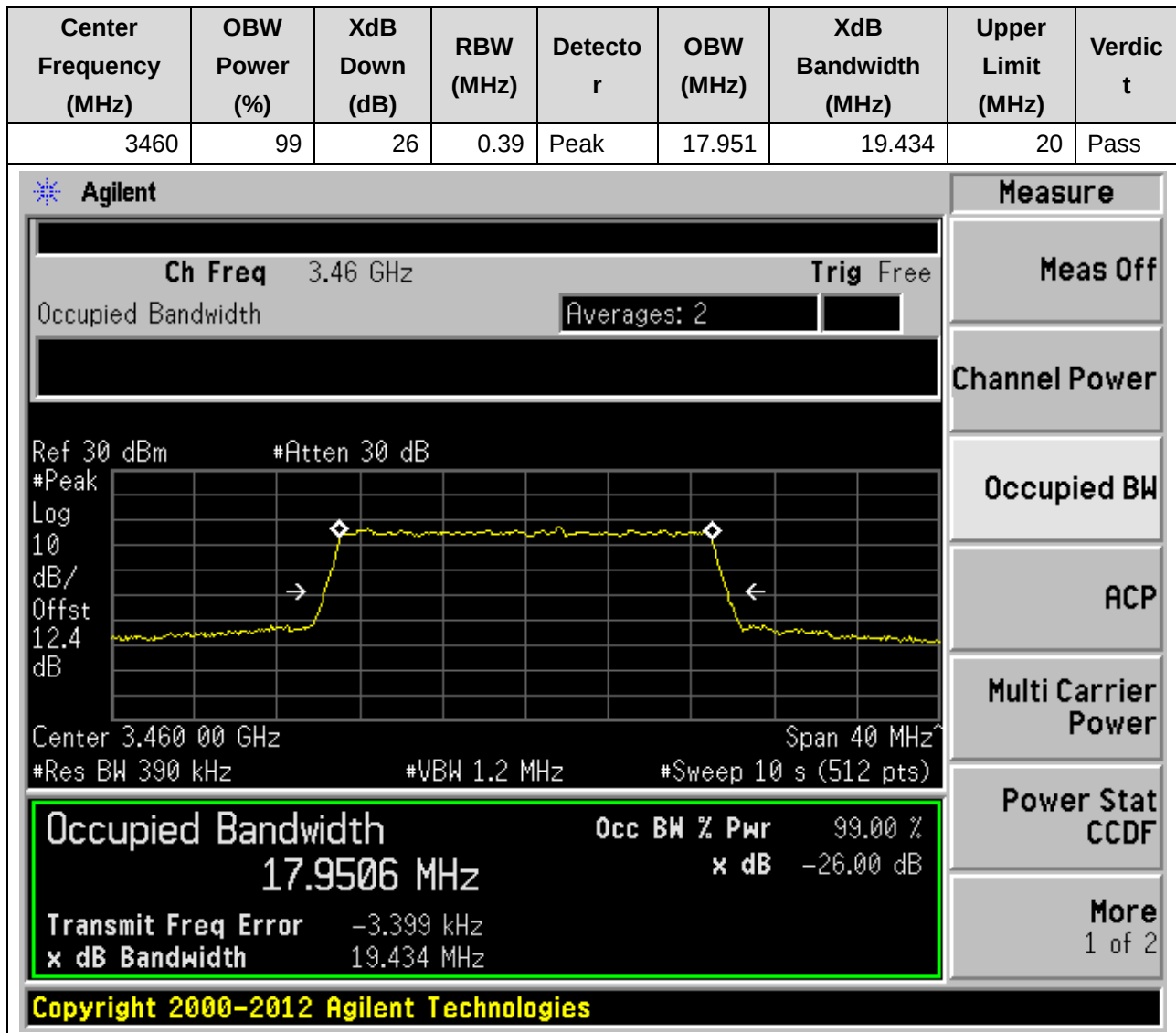
9.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:43015, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



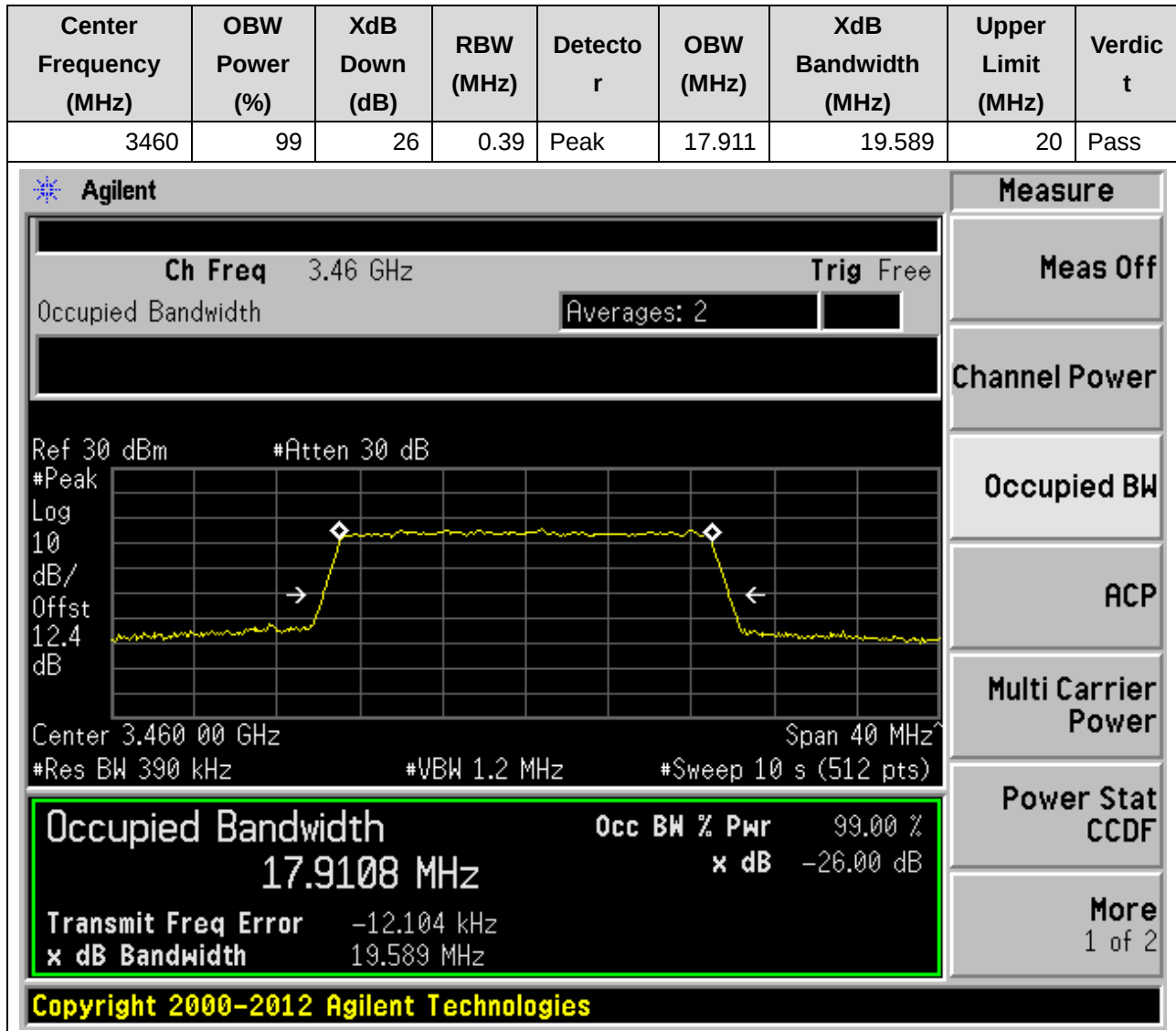
9.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:43015, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



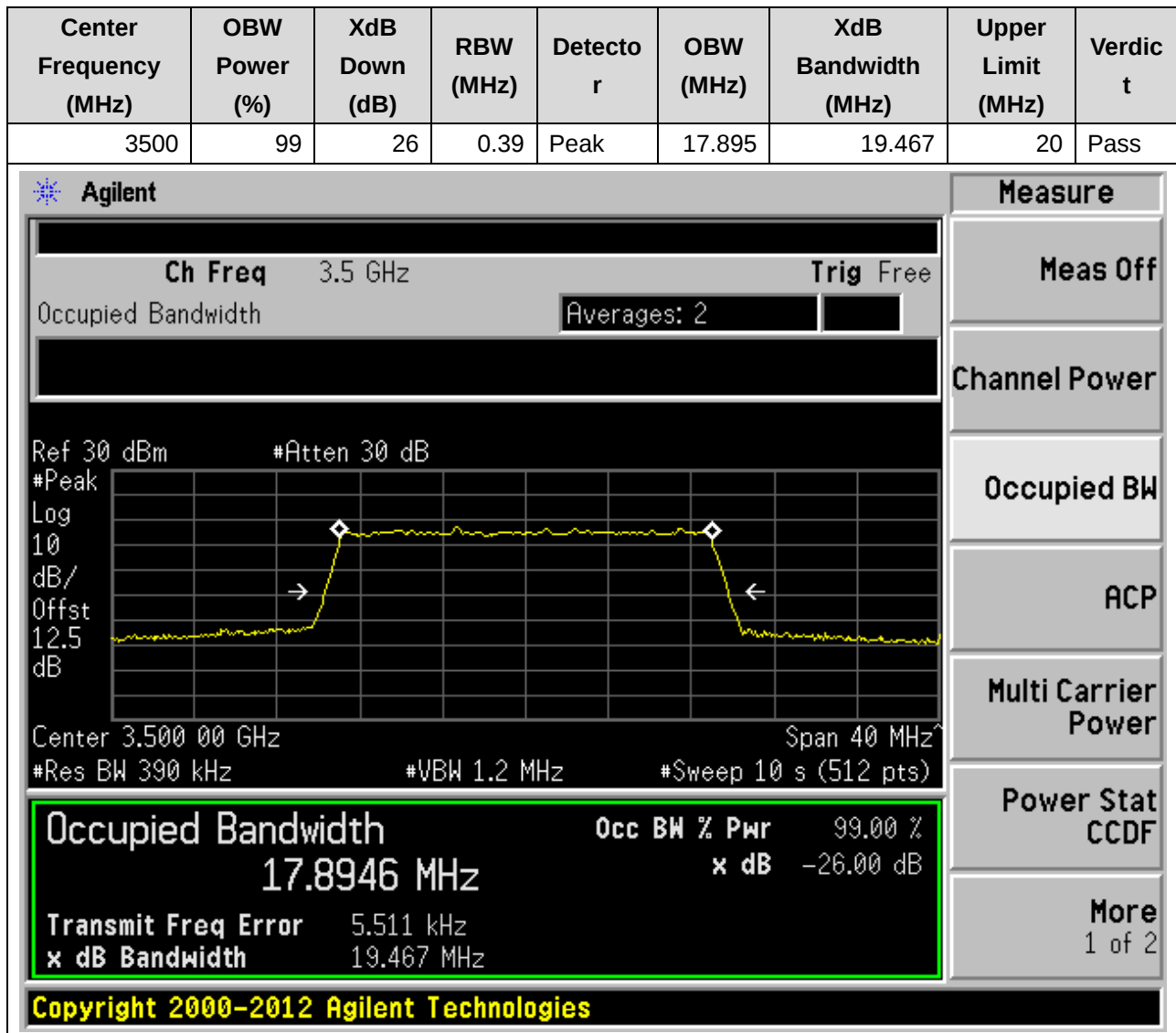
9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:42190, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



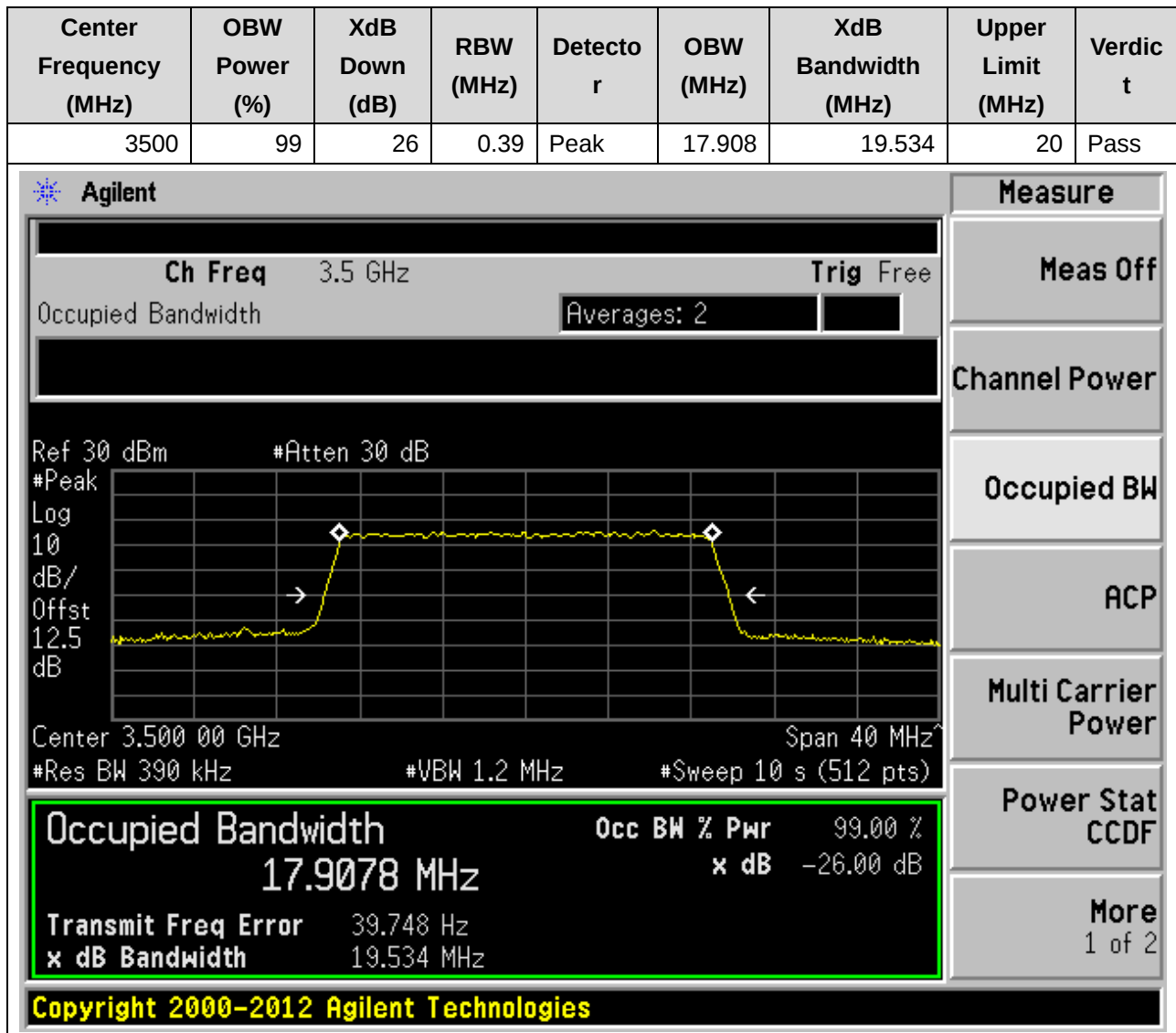
9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:42190, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



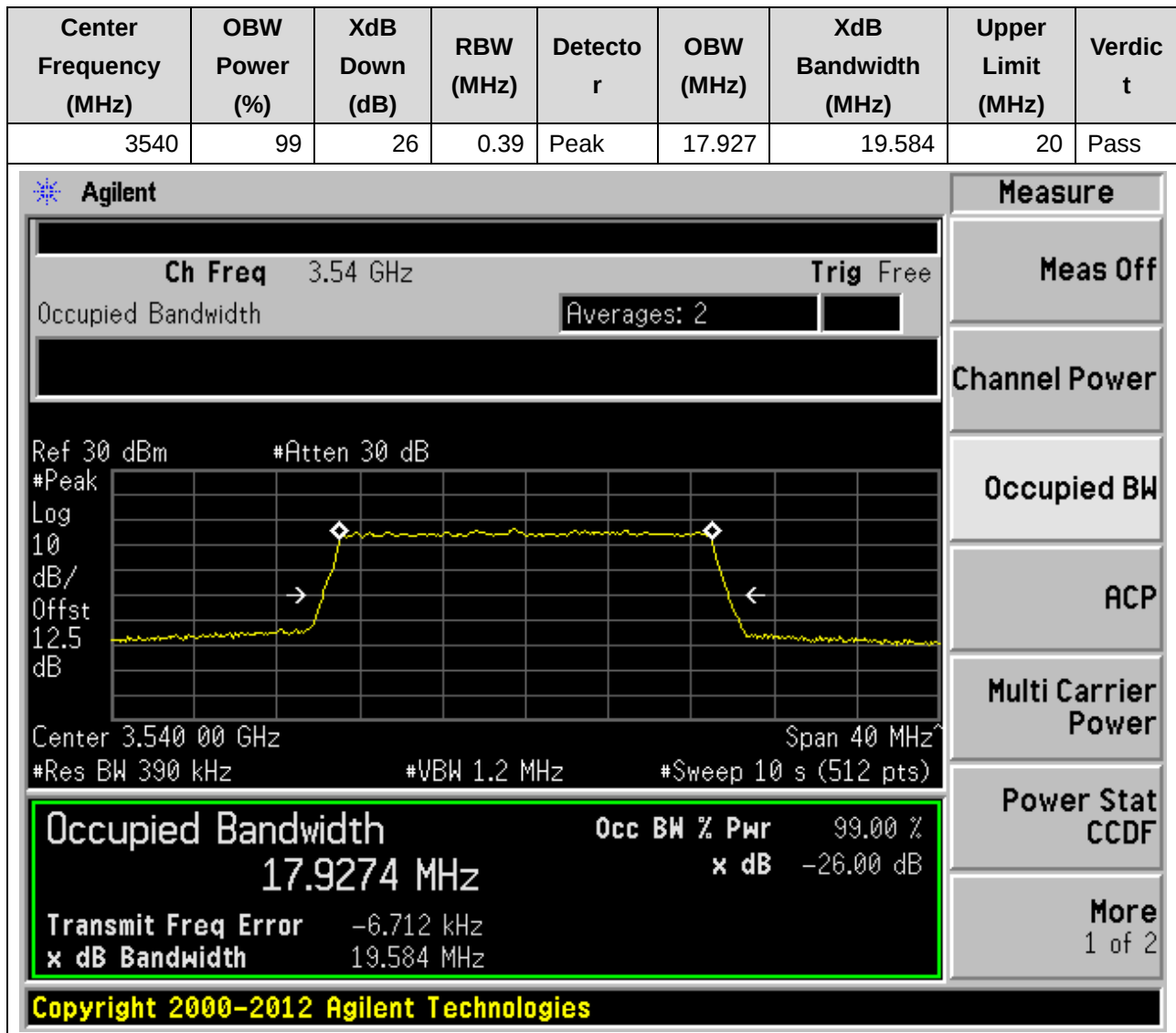
9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:42590, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



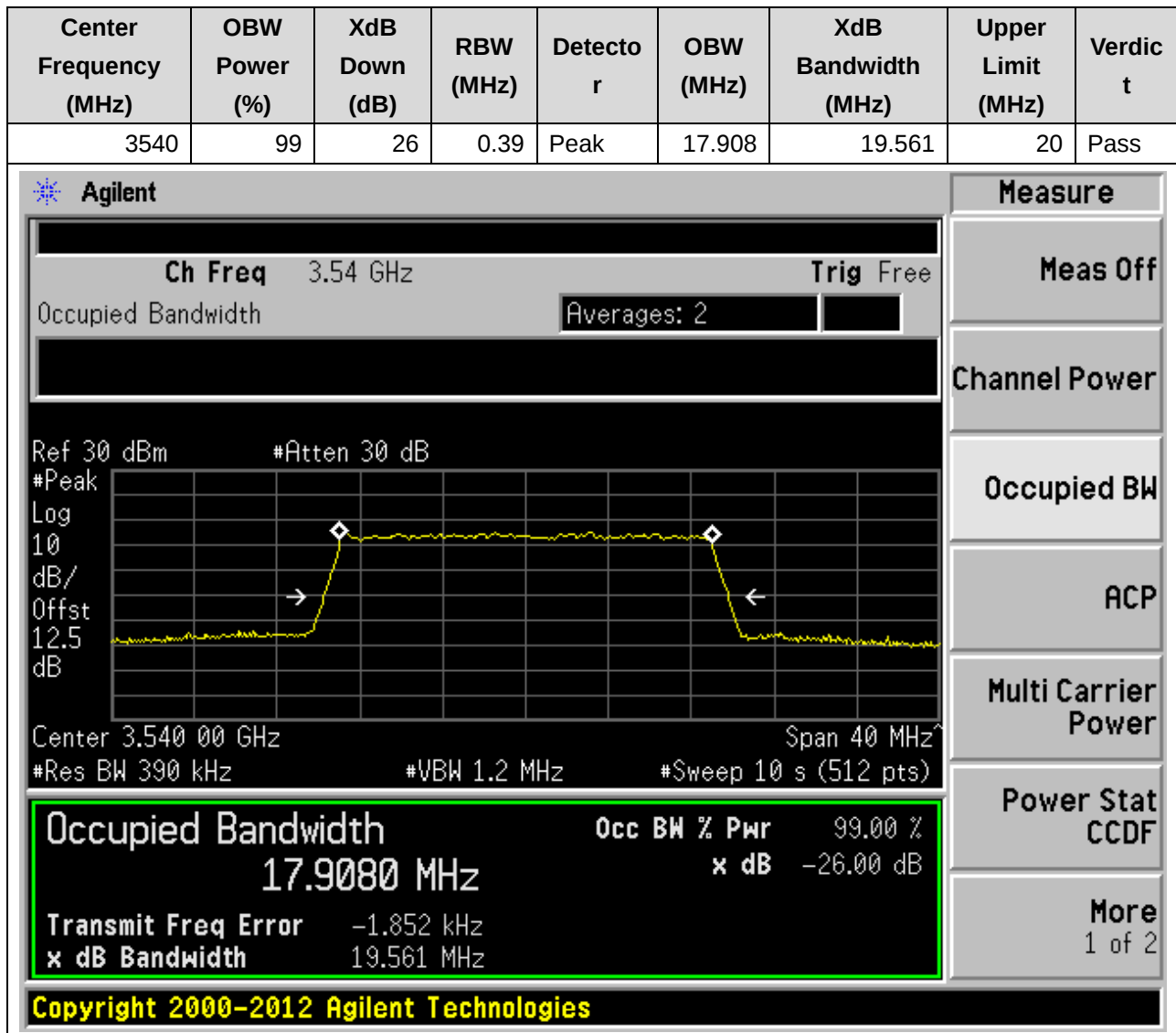
9.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:42590, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



9.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:42990, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

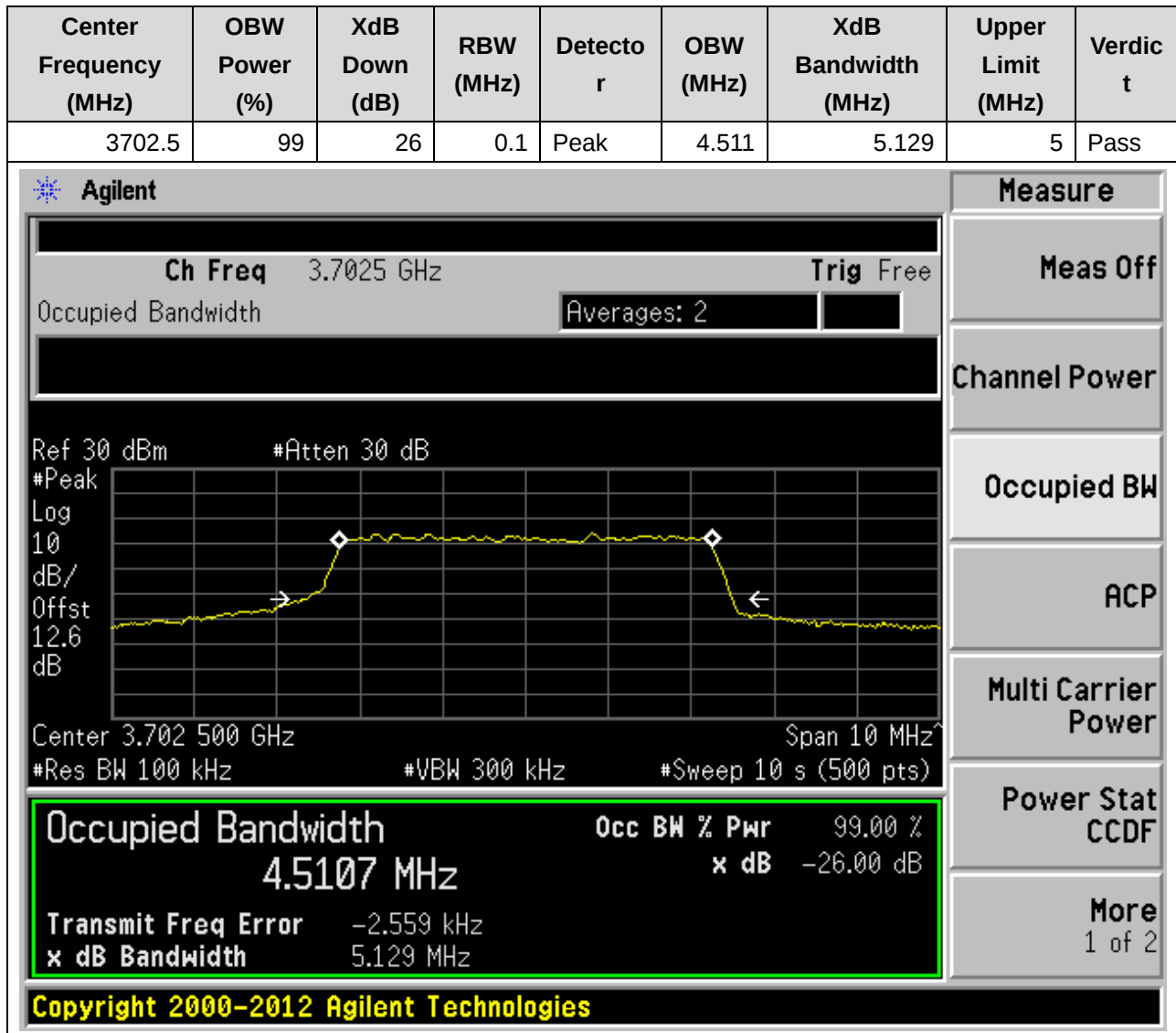


9.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:42990, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

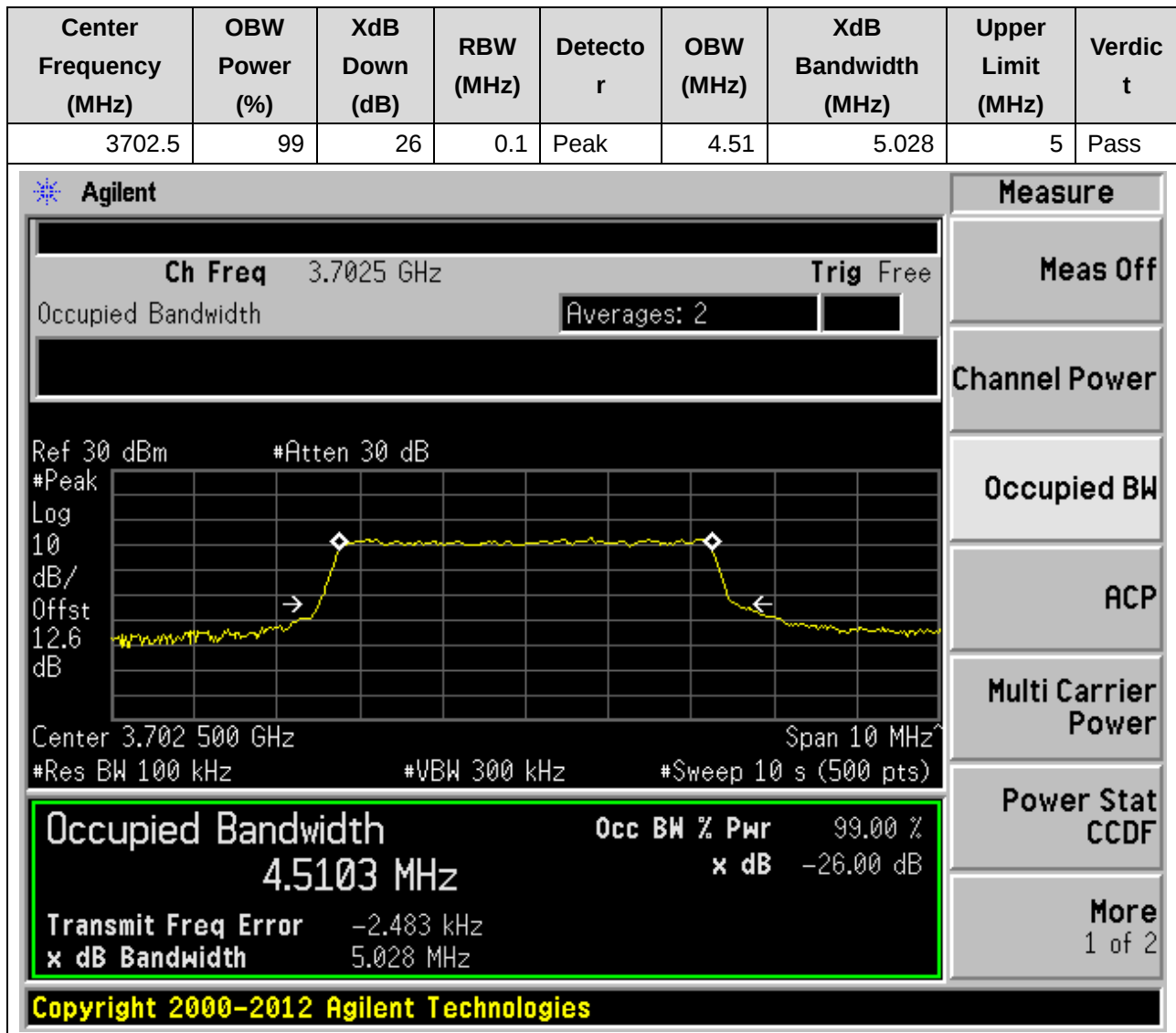


10. LTE_Band43 3700-3800

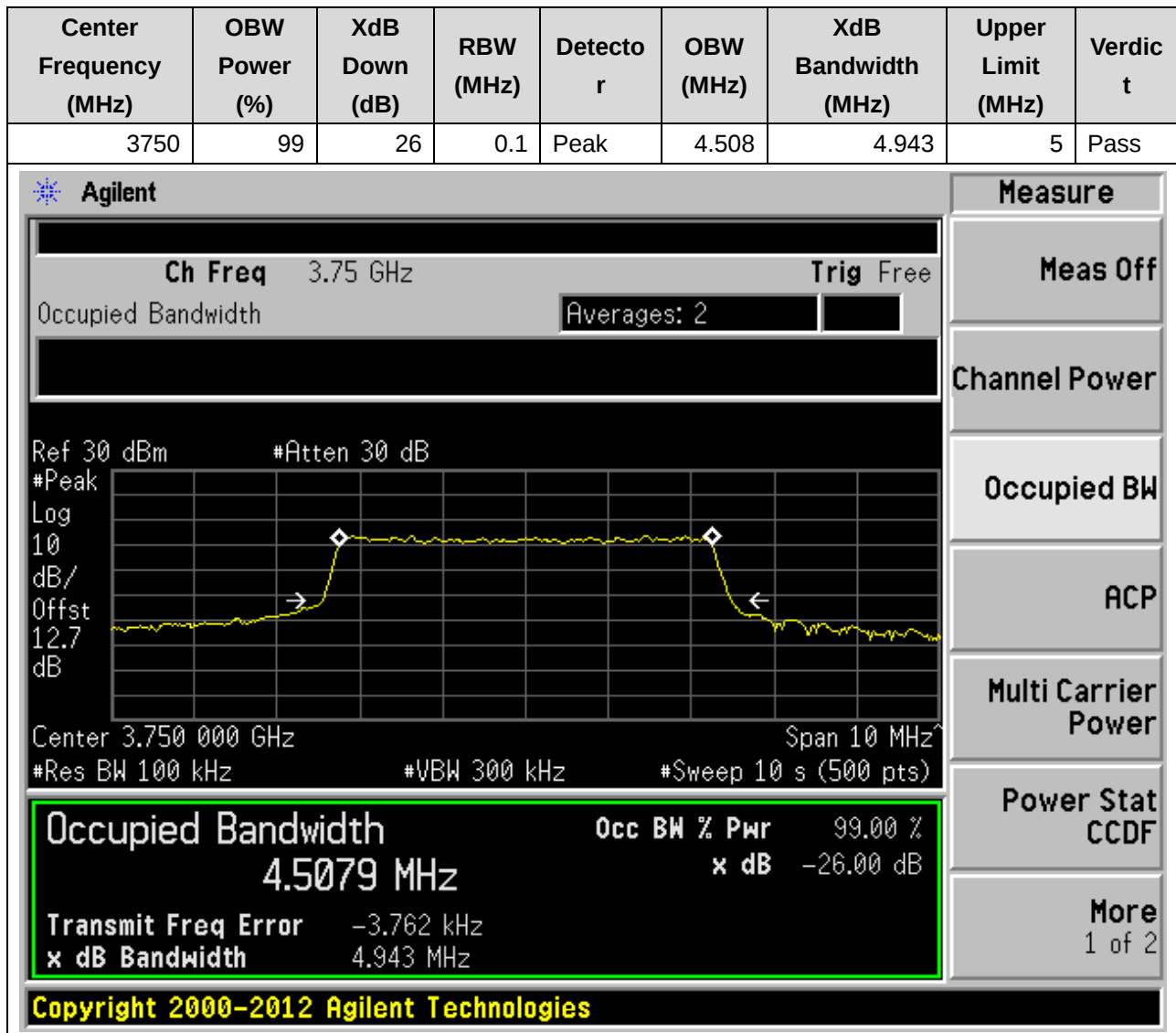
10.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:44615, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



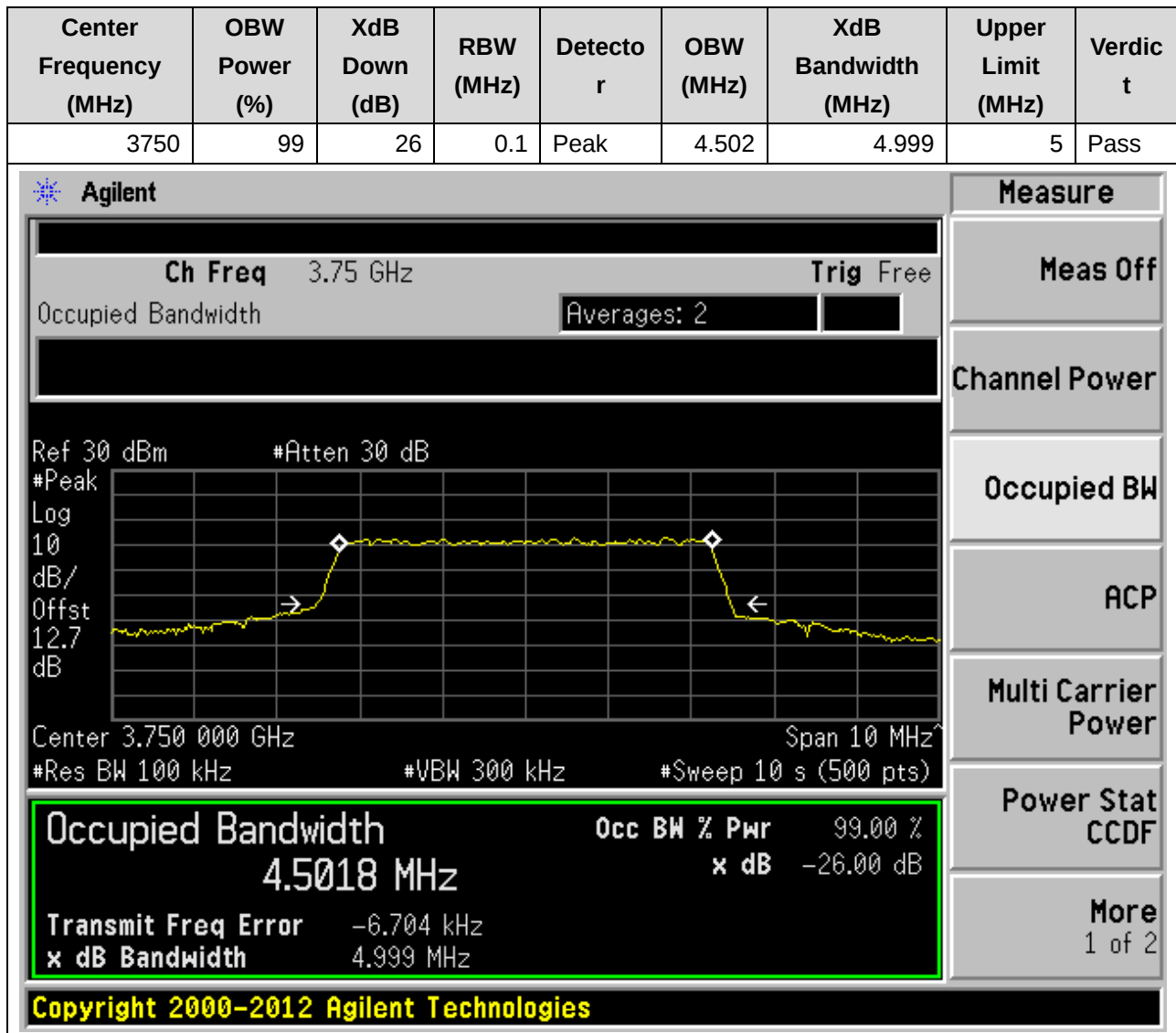
10.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:44615, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



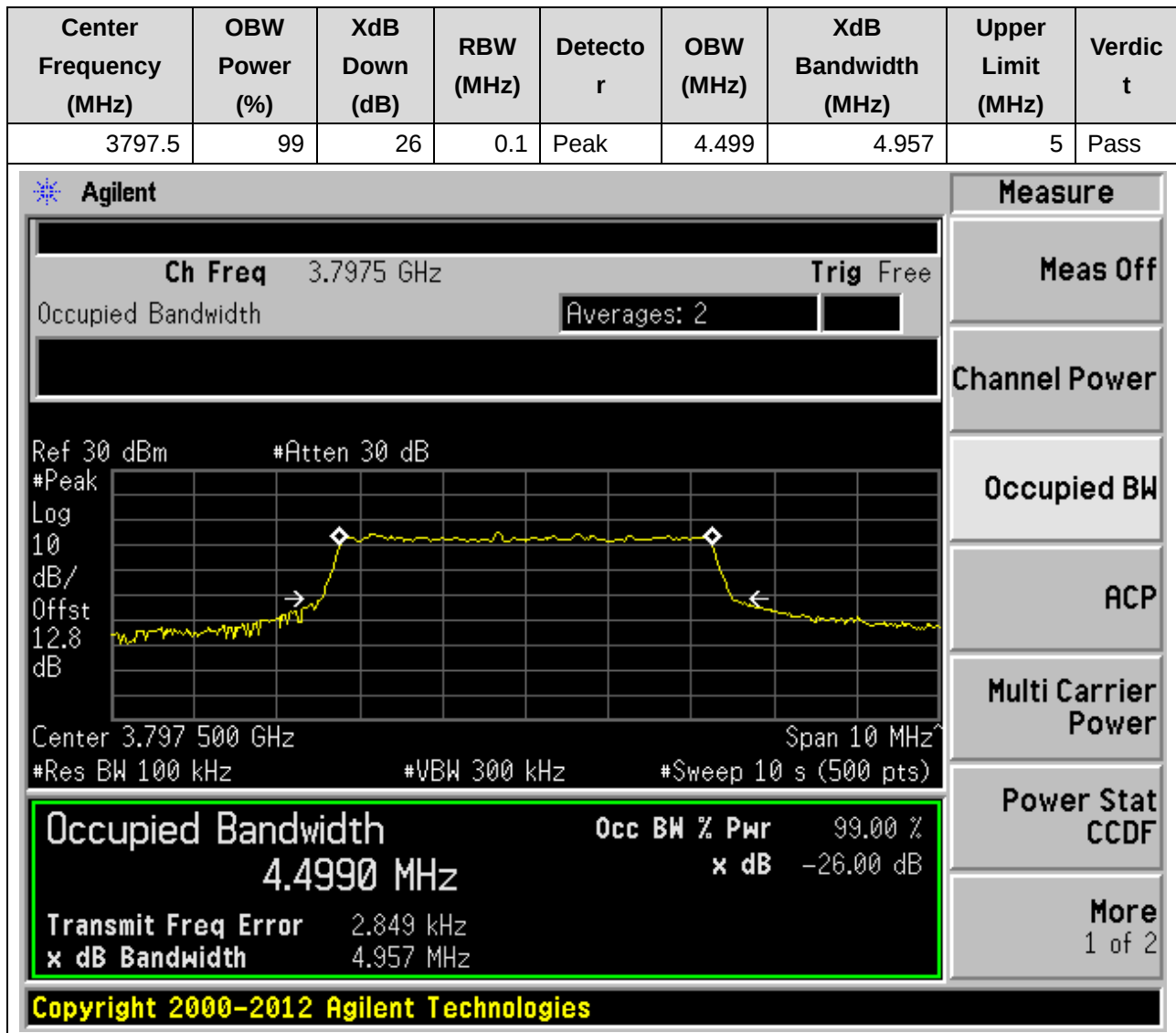
10.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:45090, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



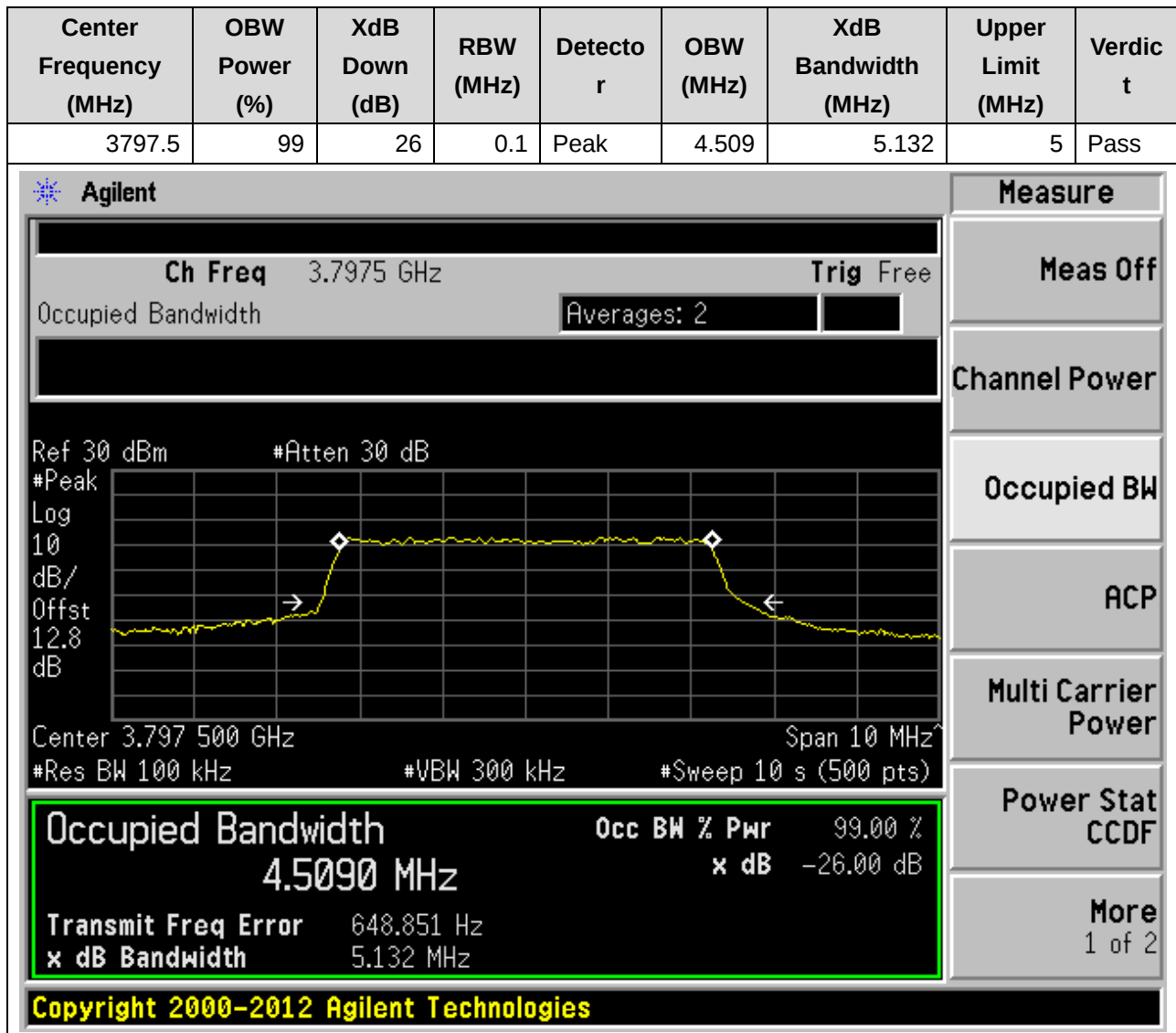
10.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:45090, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



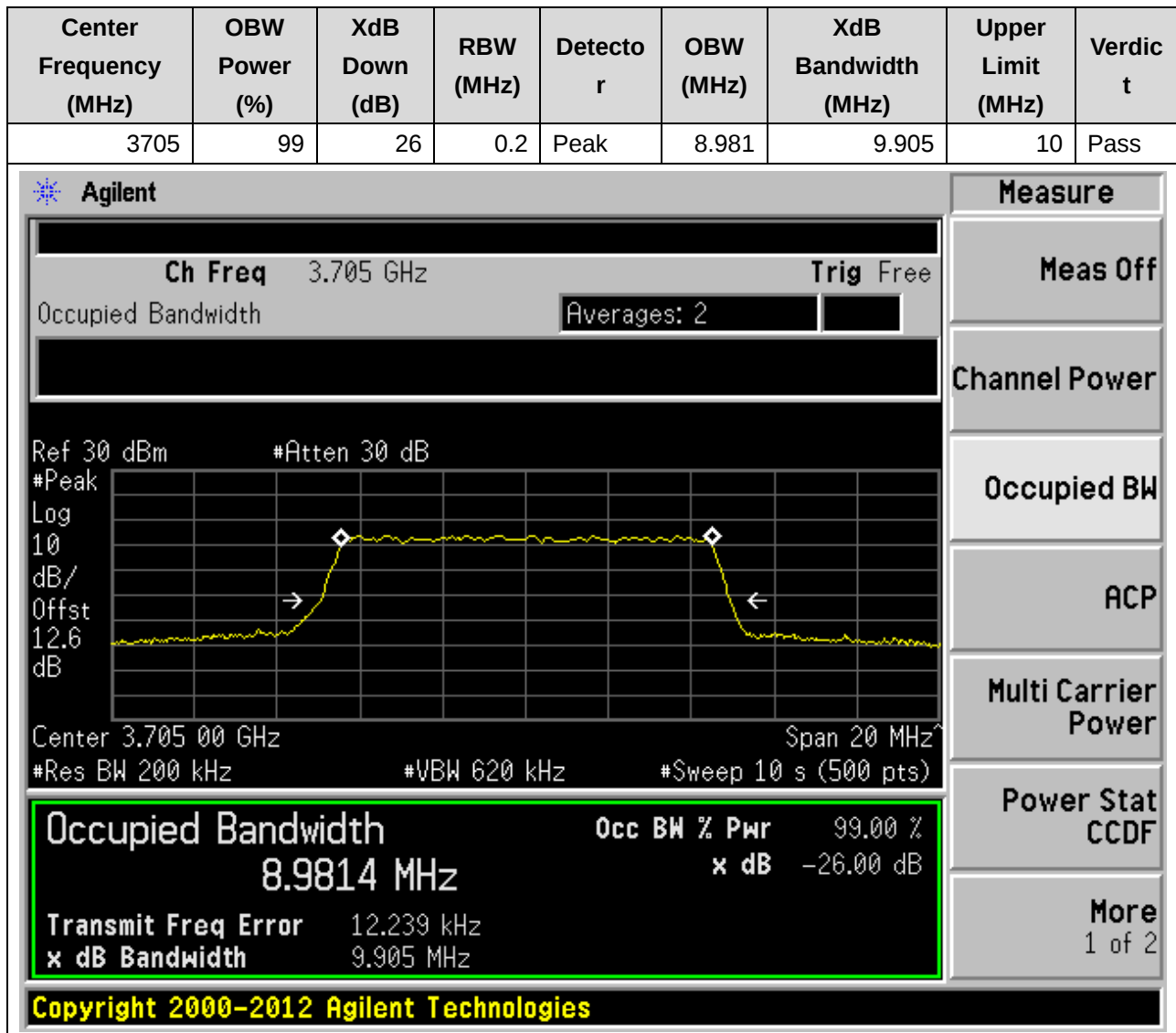
10.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:45565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



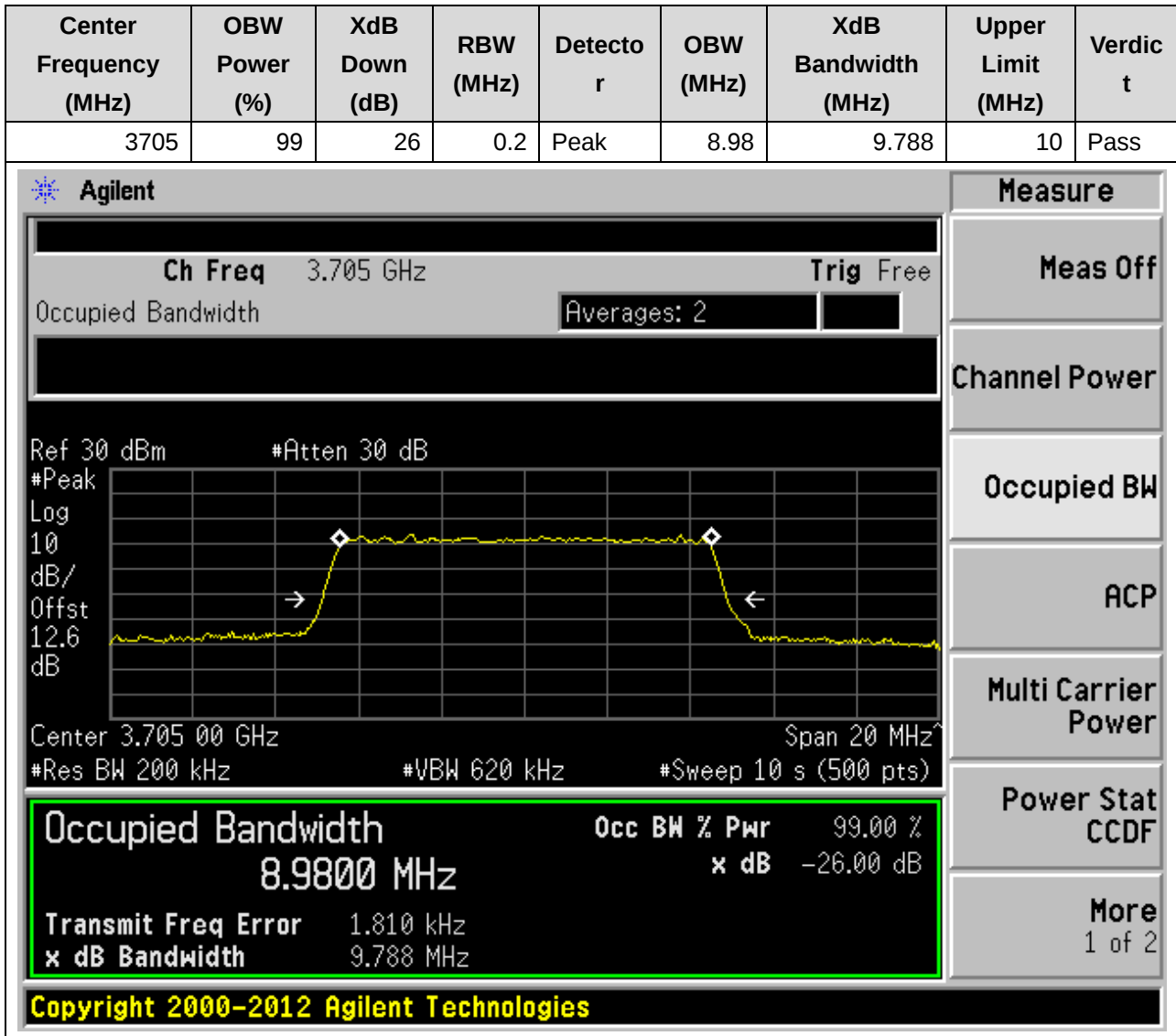
10.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:45565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



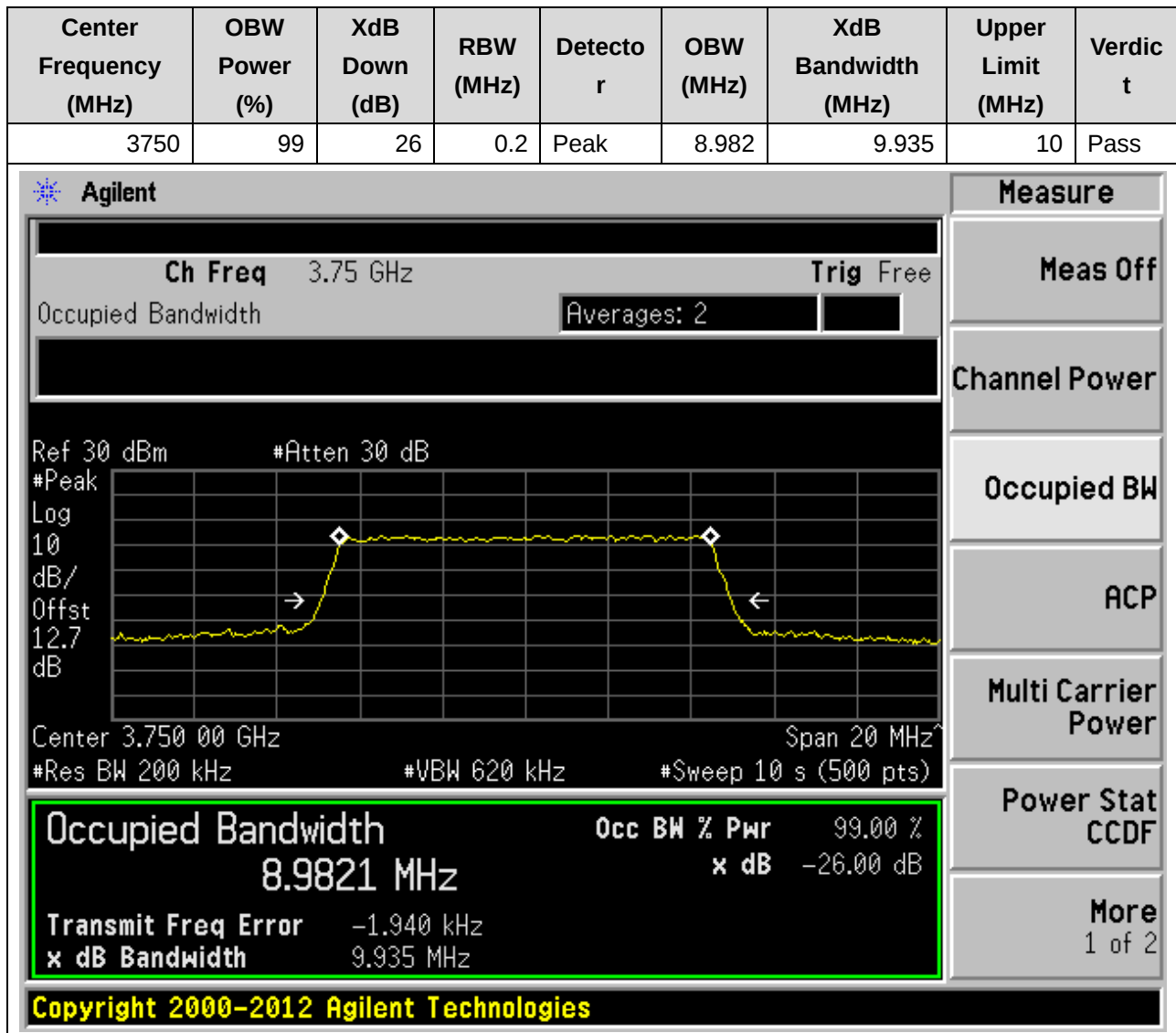
10.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:44640, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



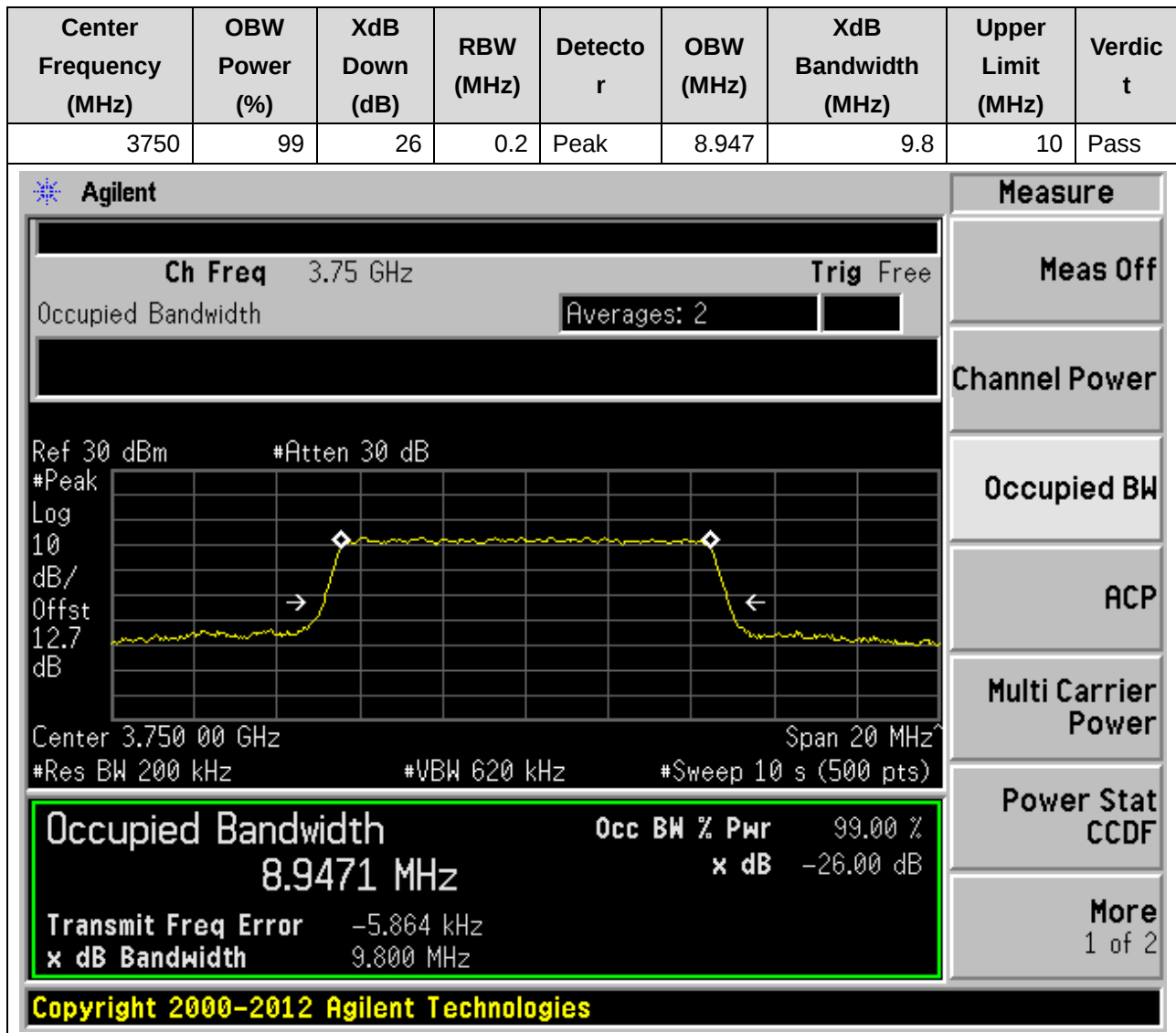
10.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:44640, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



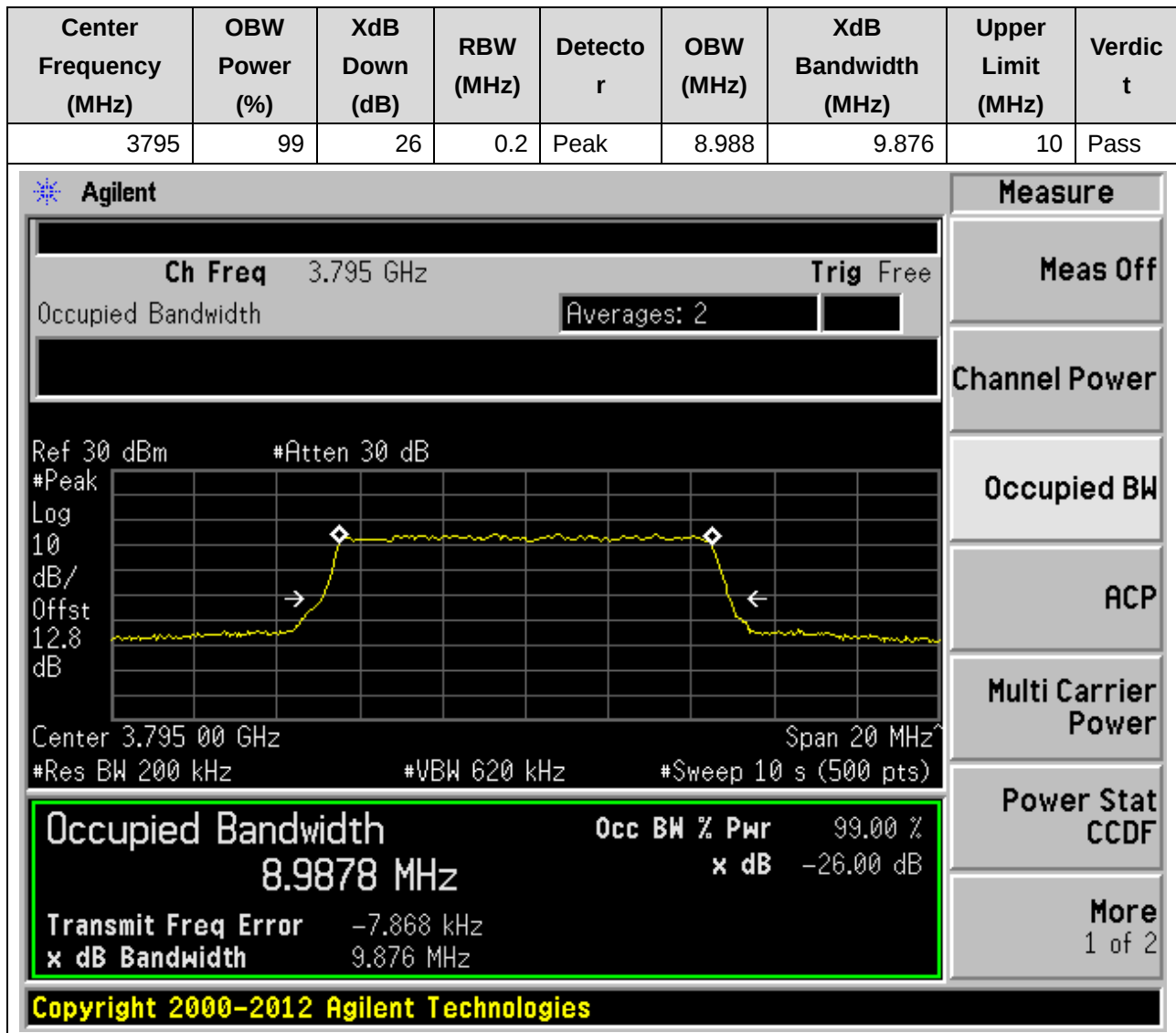
10.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:45090, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



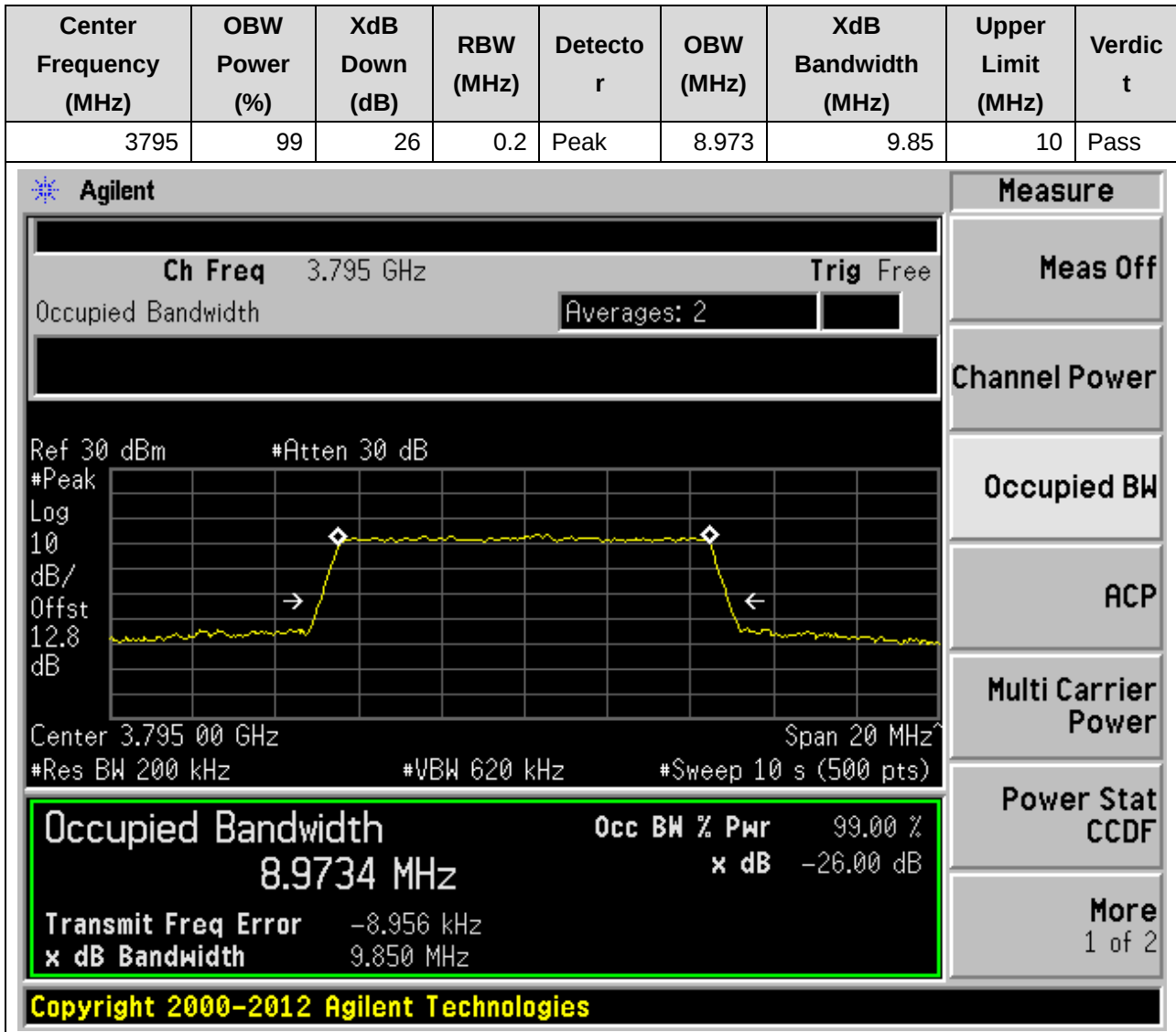
10.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:45090, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



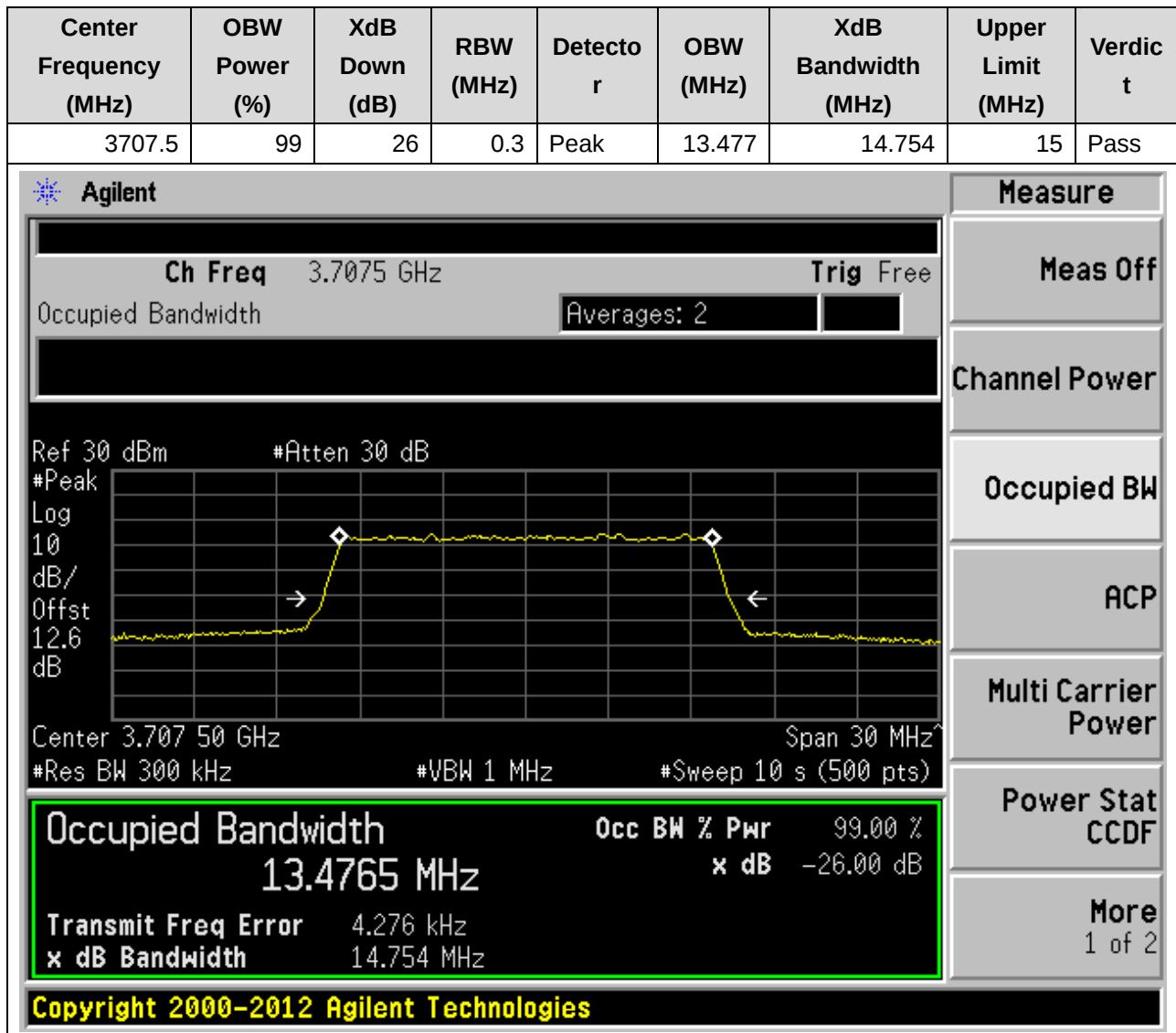
10.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:45540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



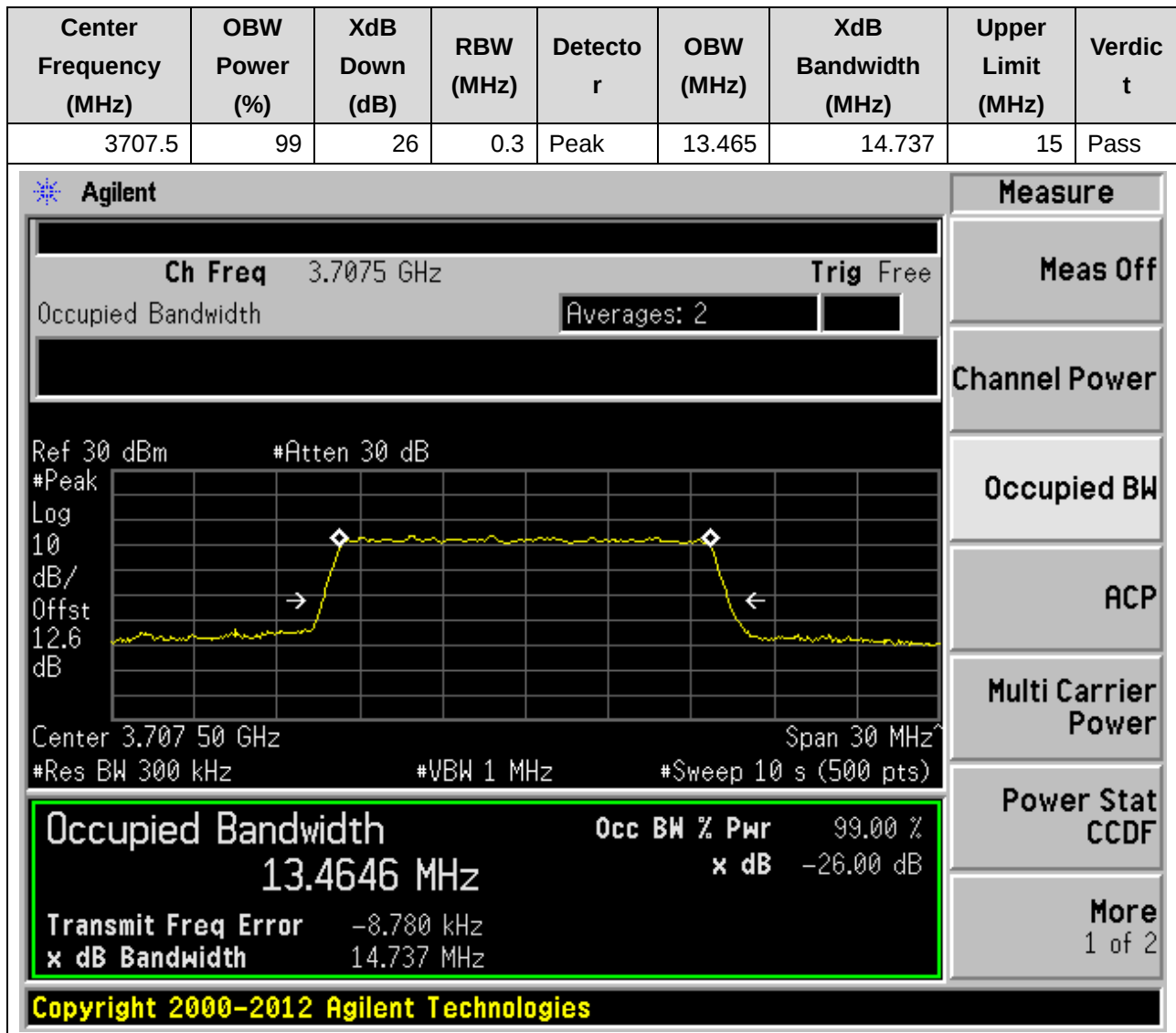
10.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:45540, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



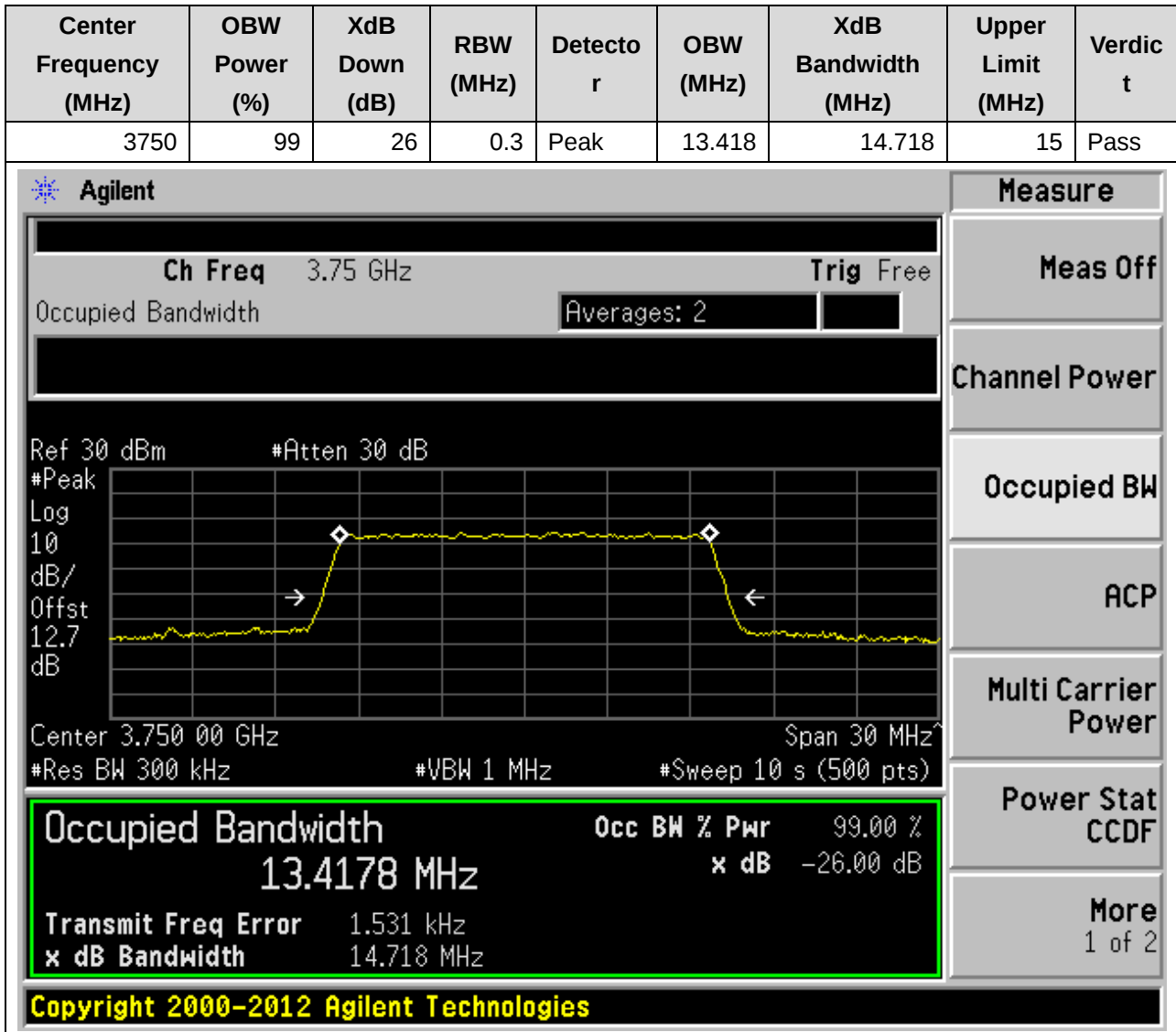
10.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:44665, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



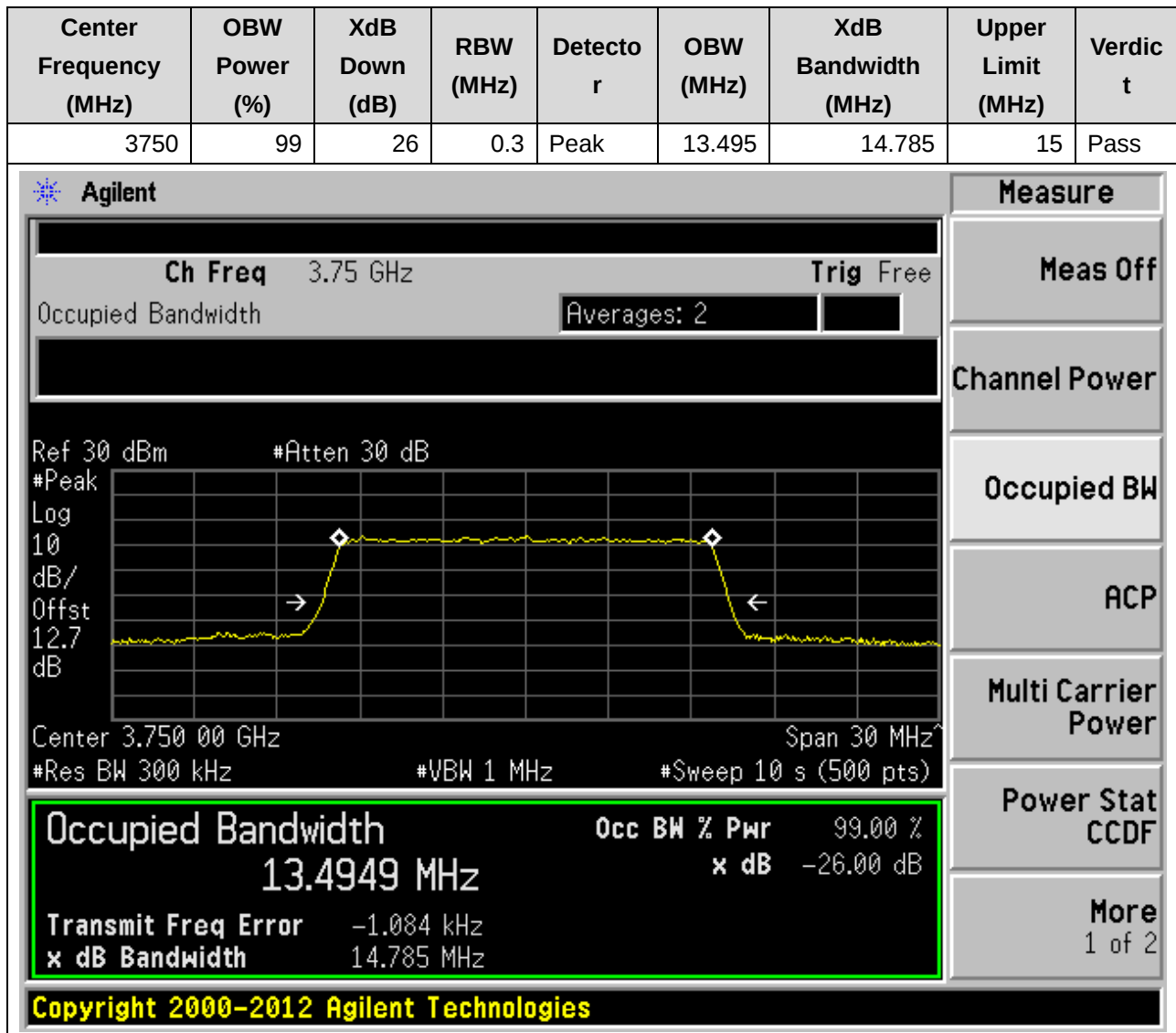
10.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:44665, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



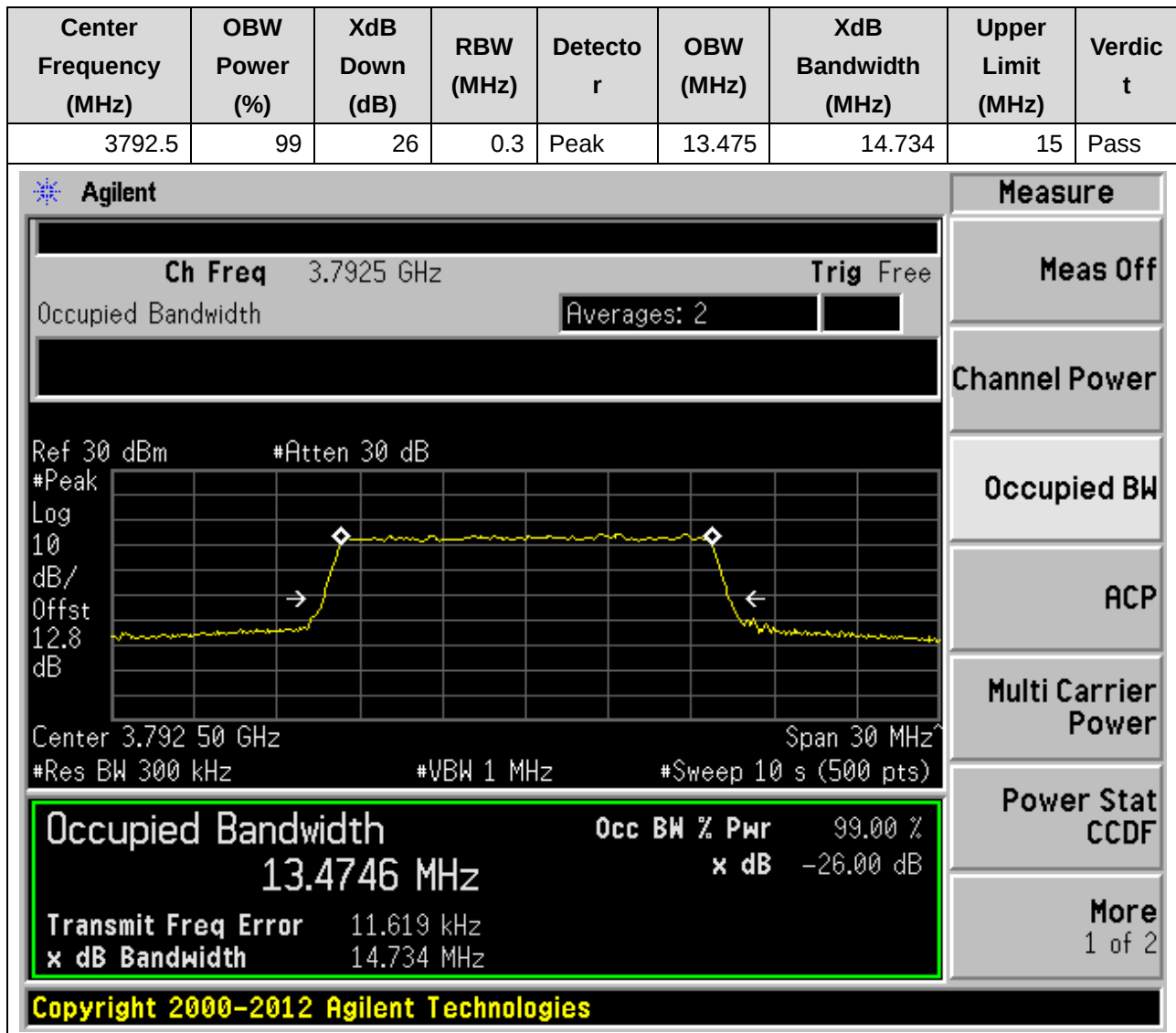
10.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:45090, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



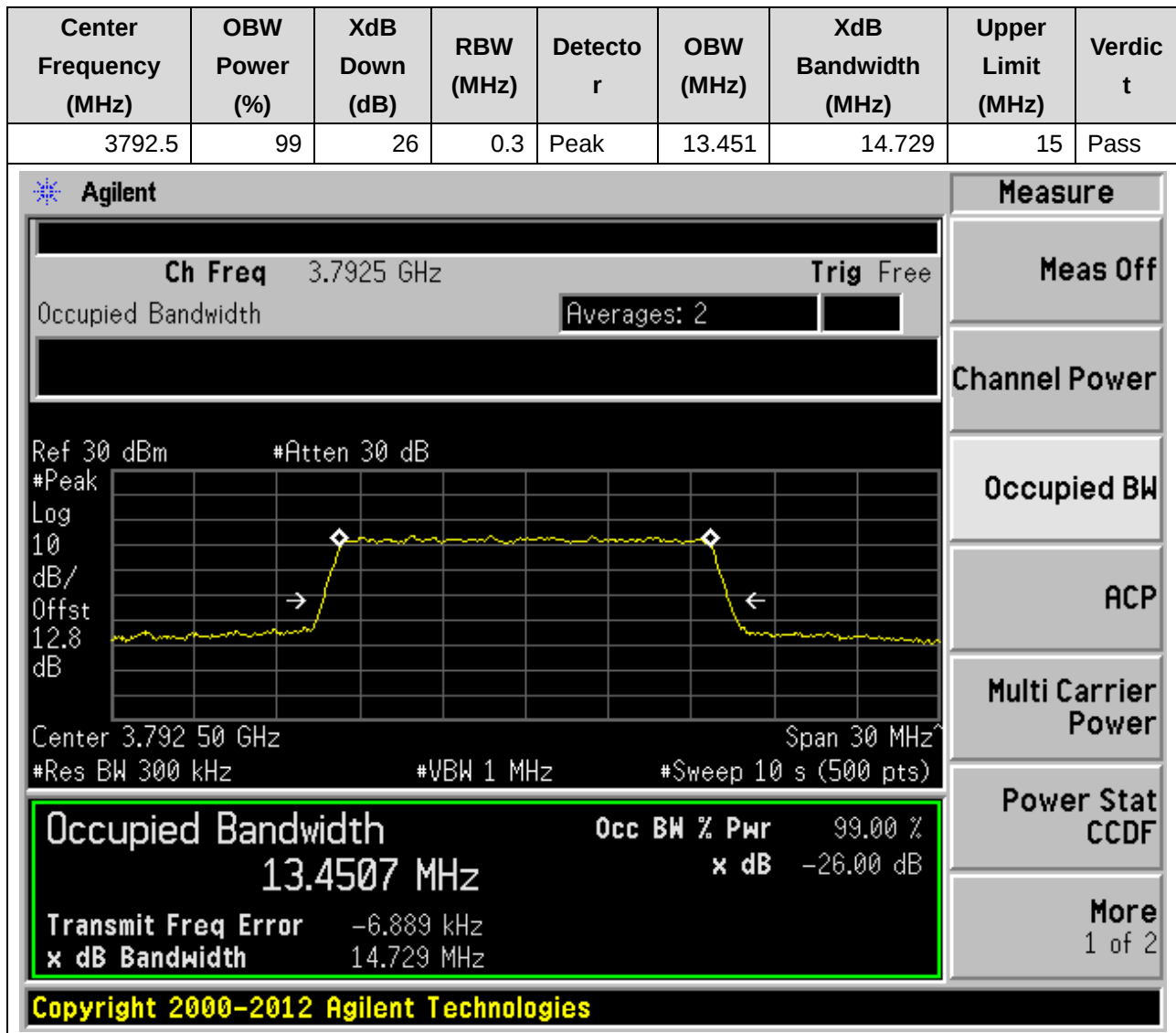
10.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:45090, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



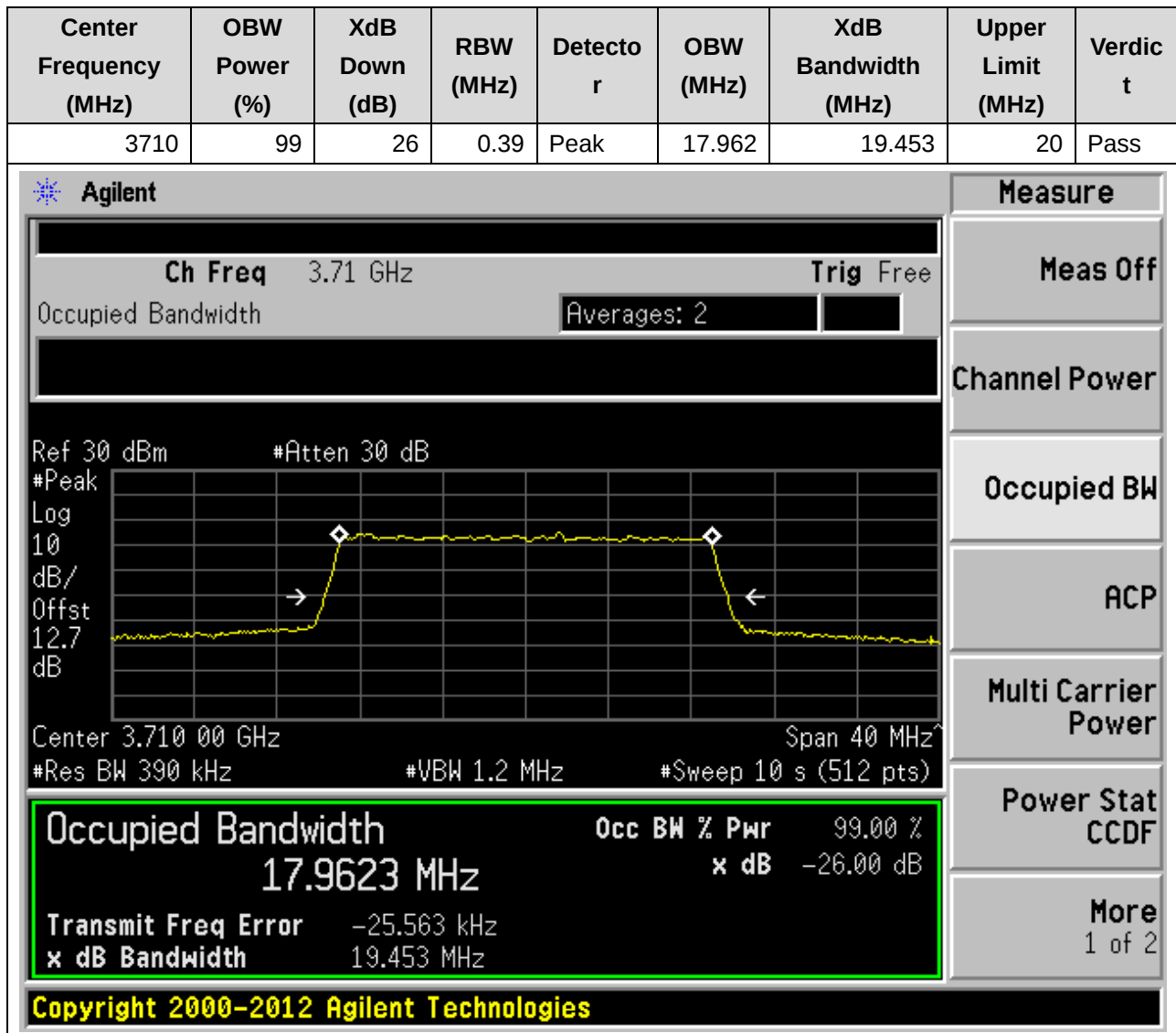
10.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:45515, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



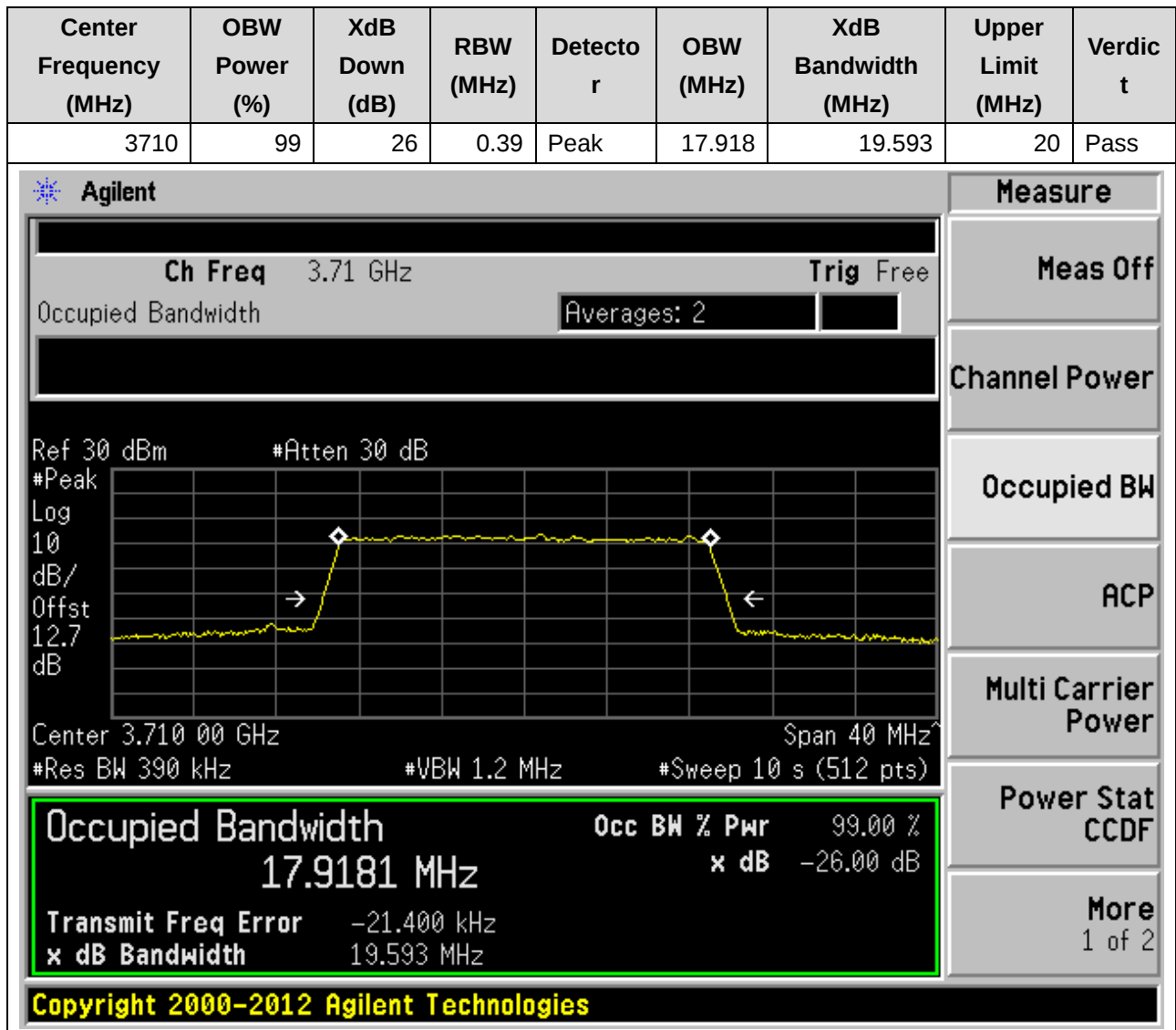
10.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:45515, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



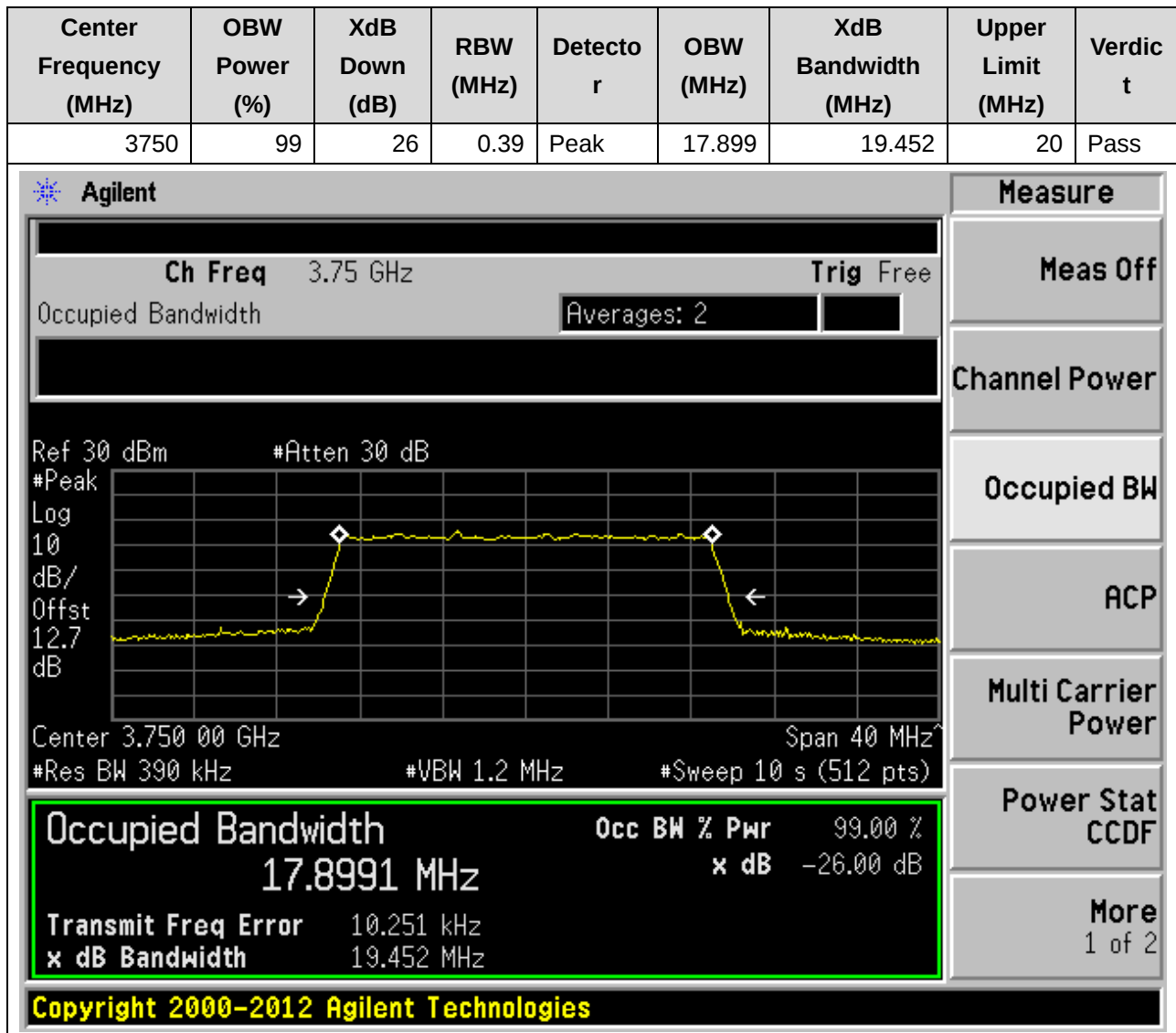
10.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:44690, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



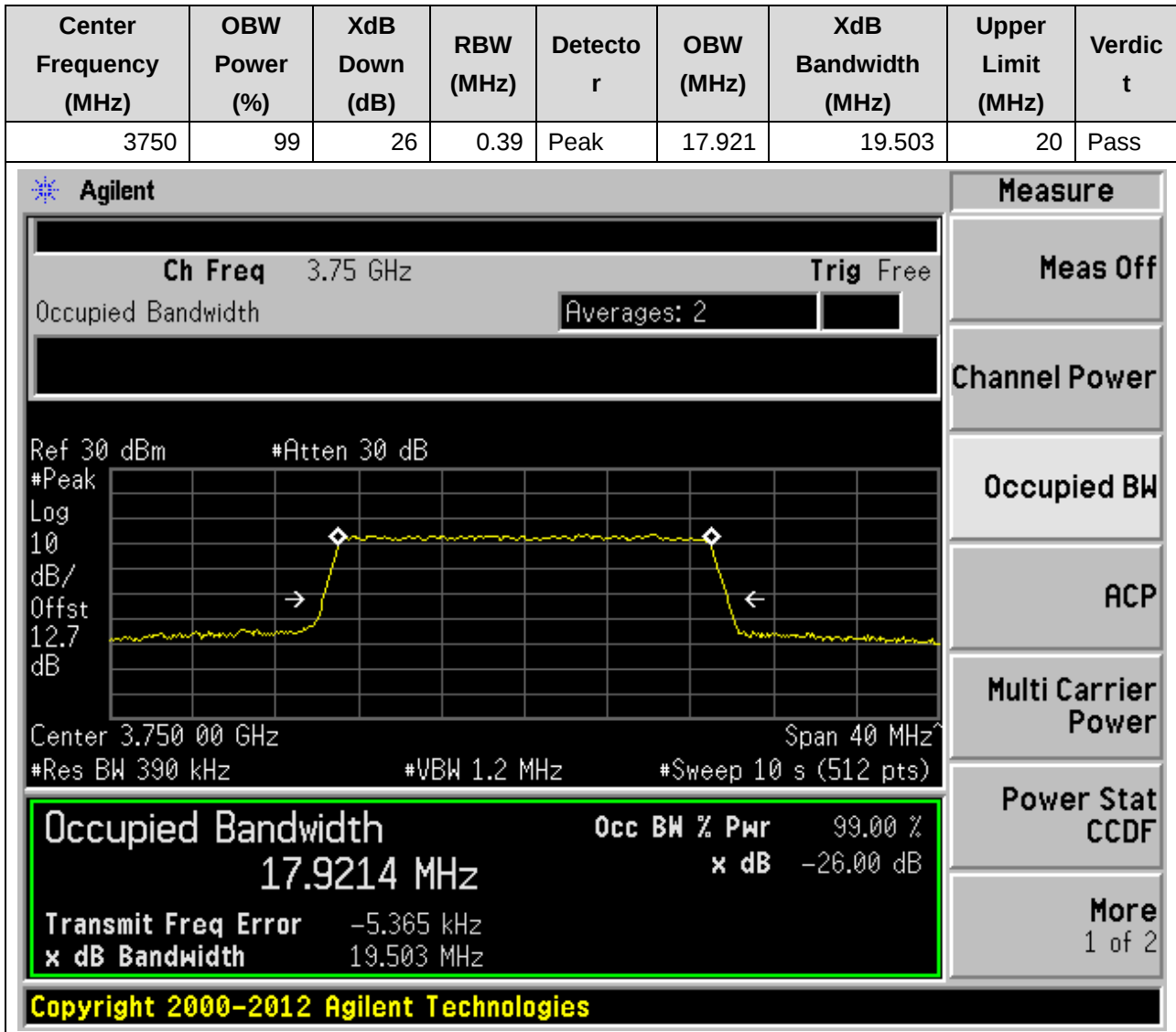
10.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:44690, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



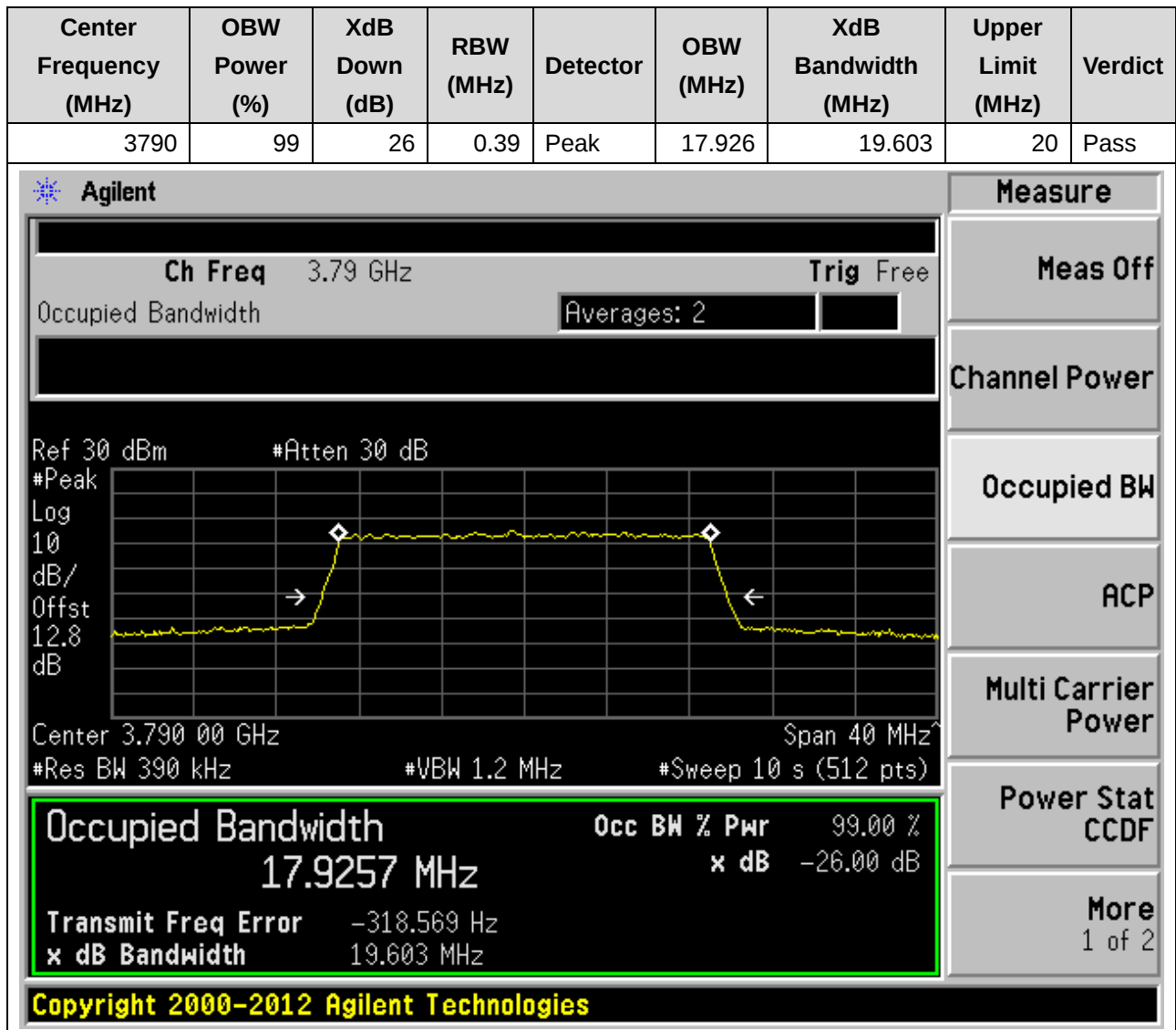
10.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:45090, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



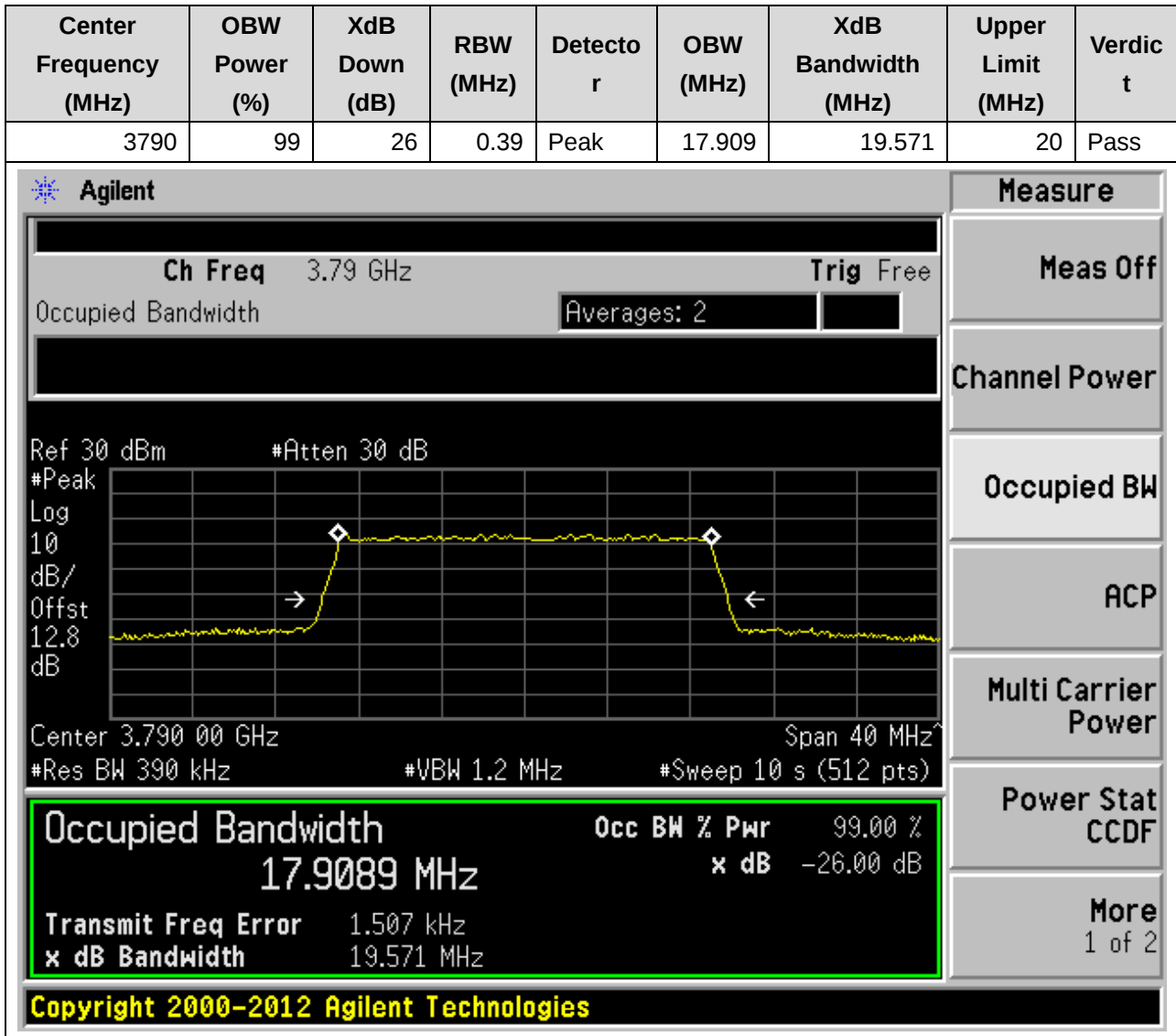
10.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:45090, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



10.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:45490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

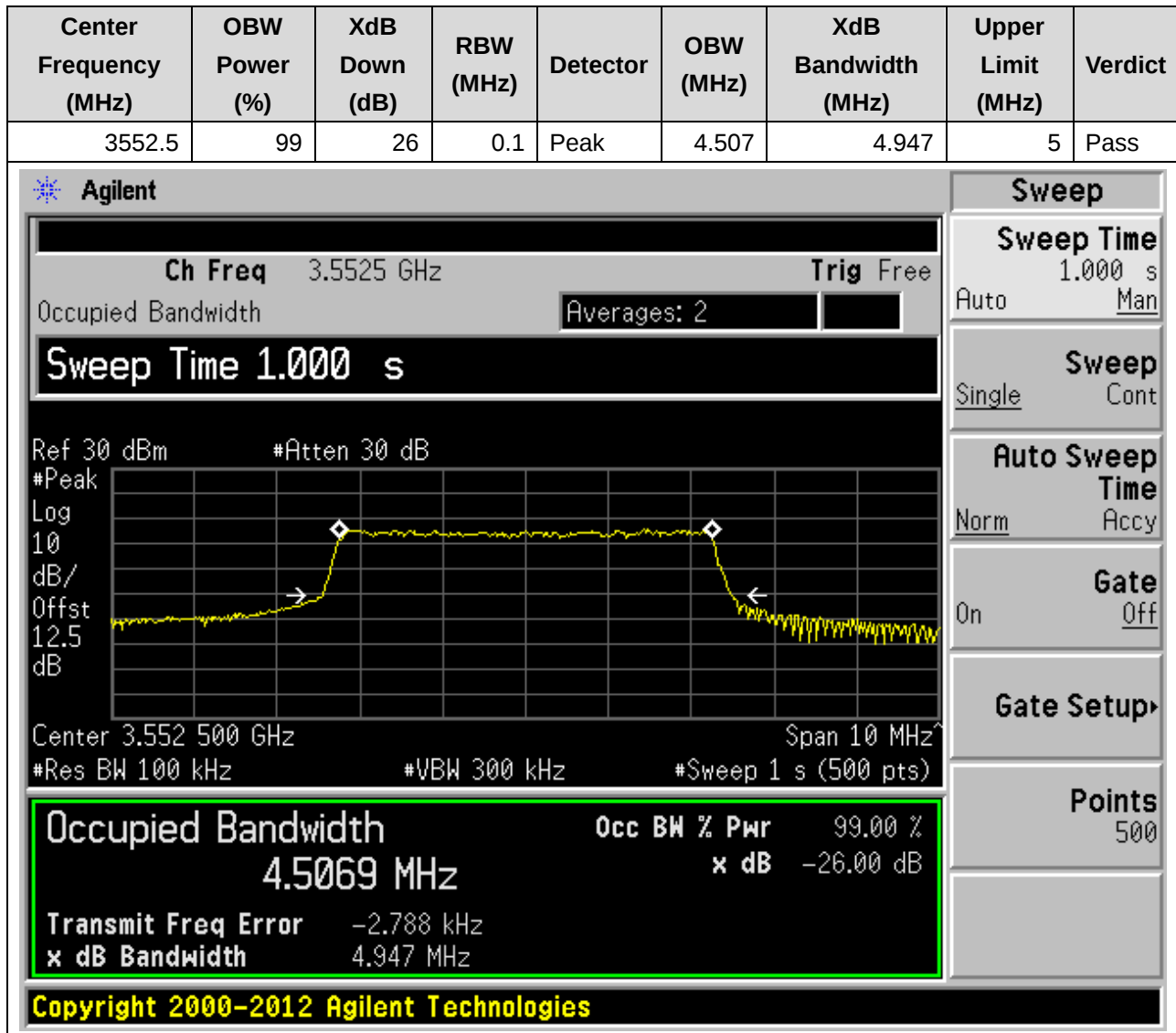


10.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:45490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

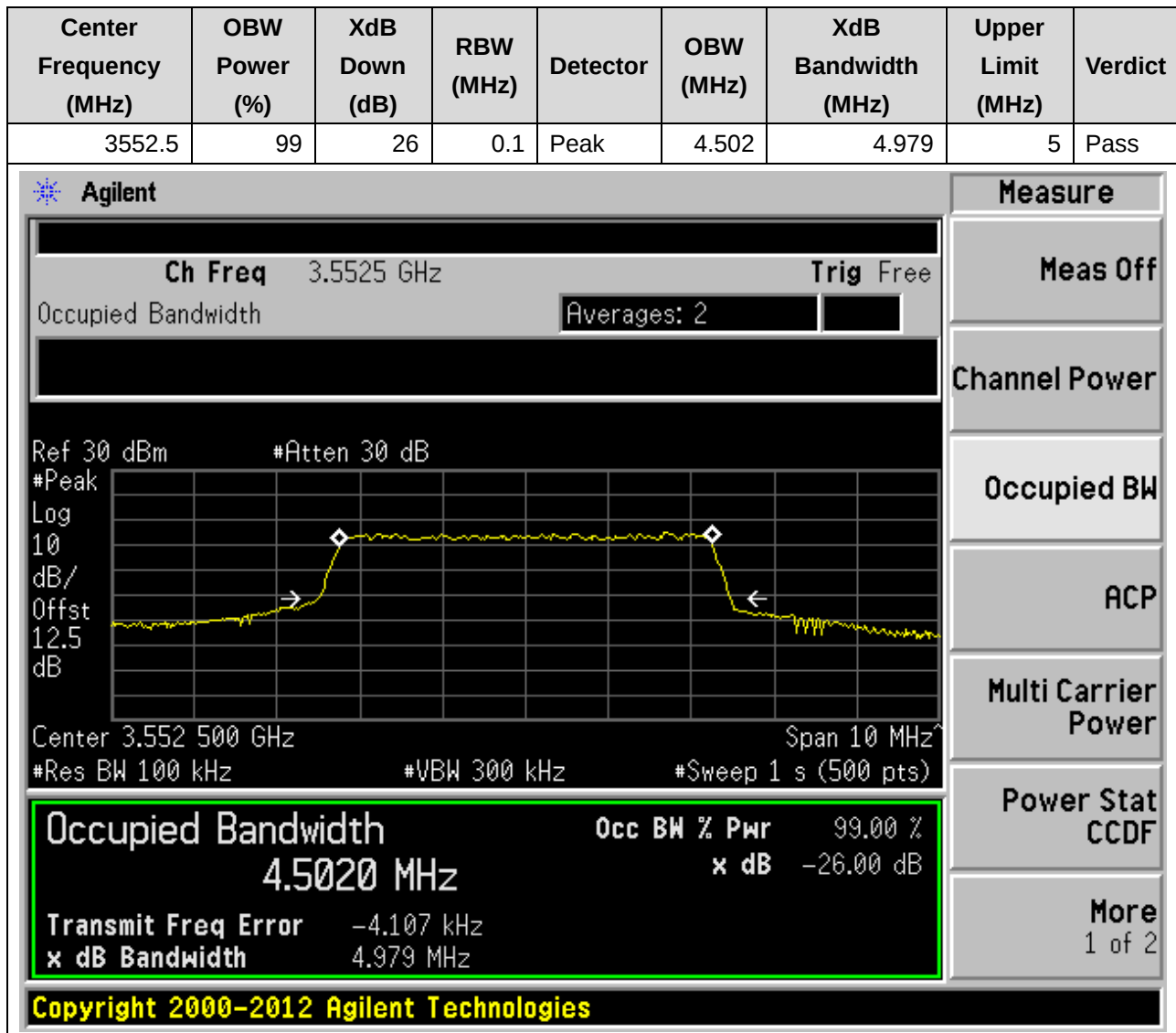


11. LTE_Band48

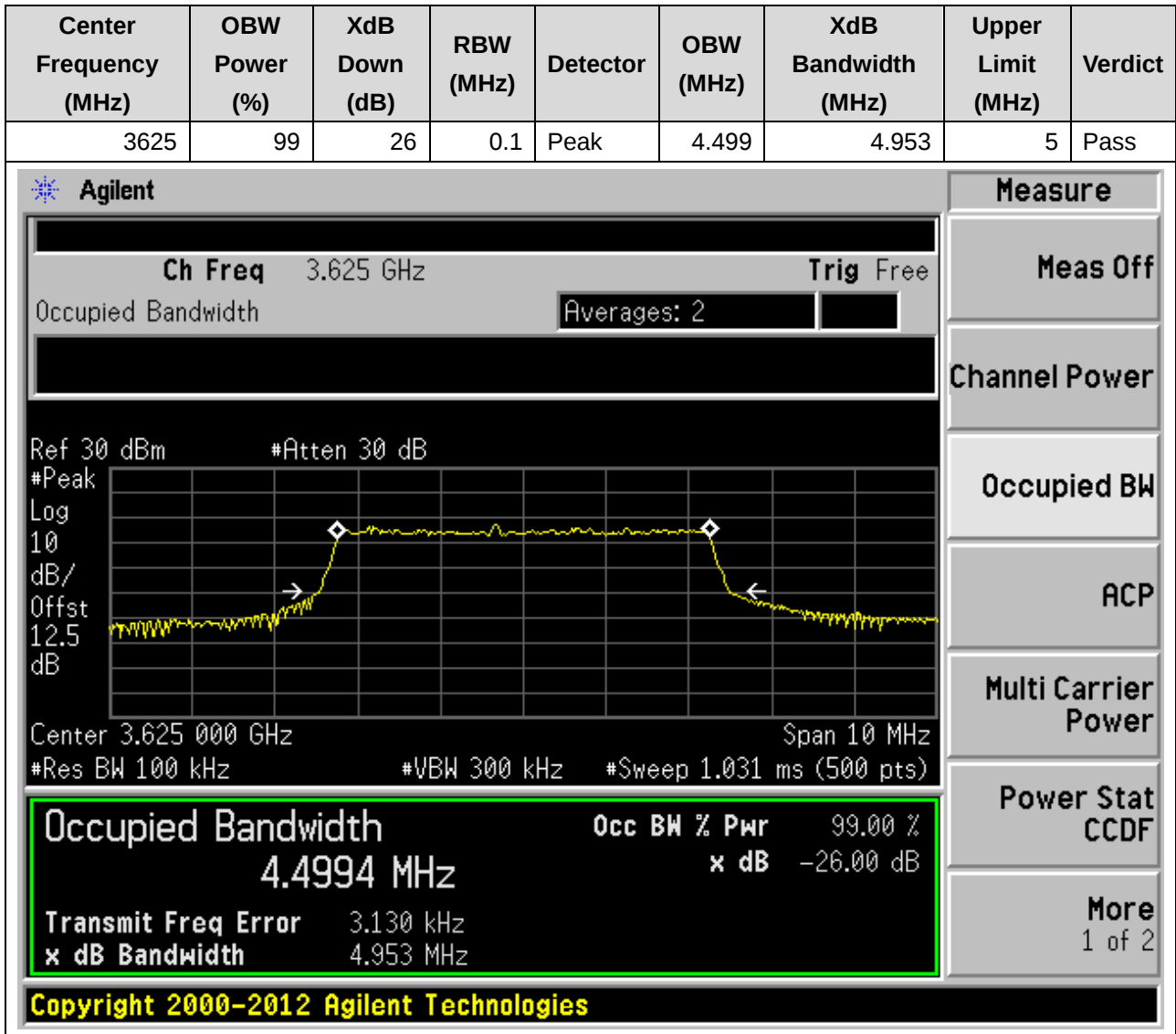
11.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



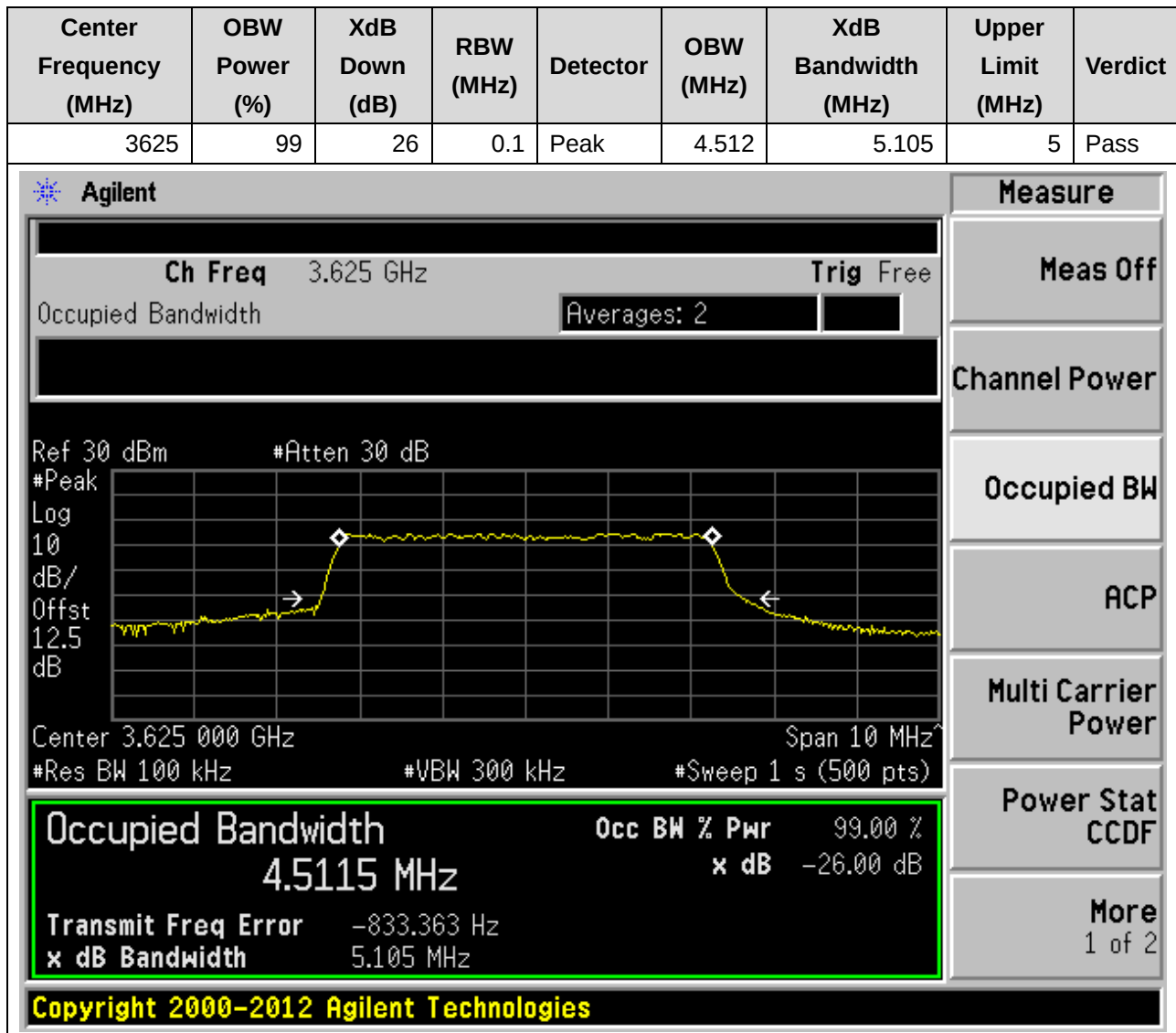
11.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:55265, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



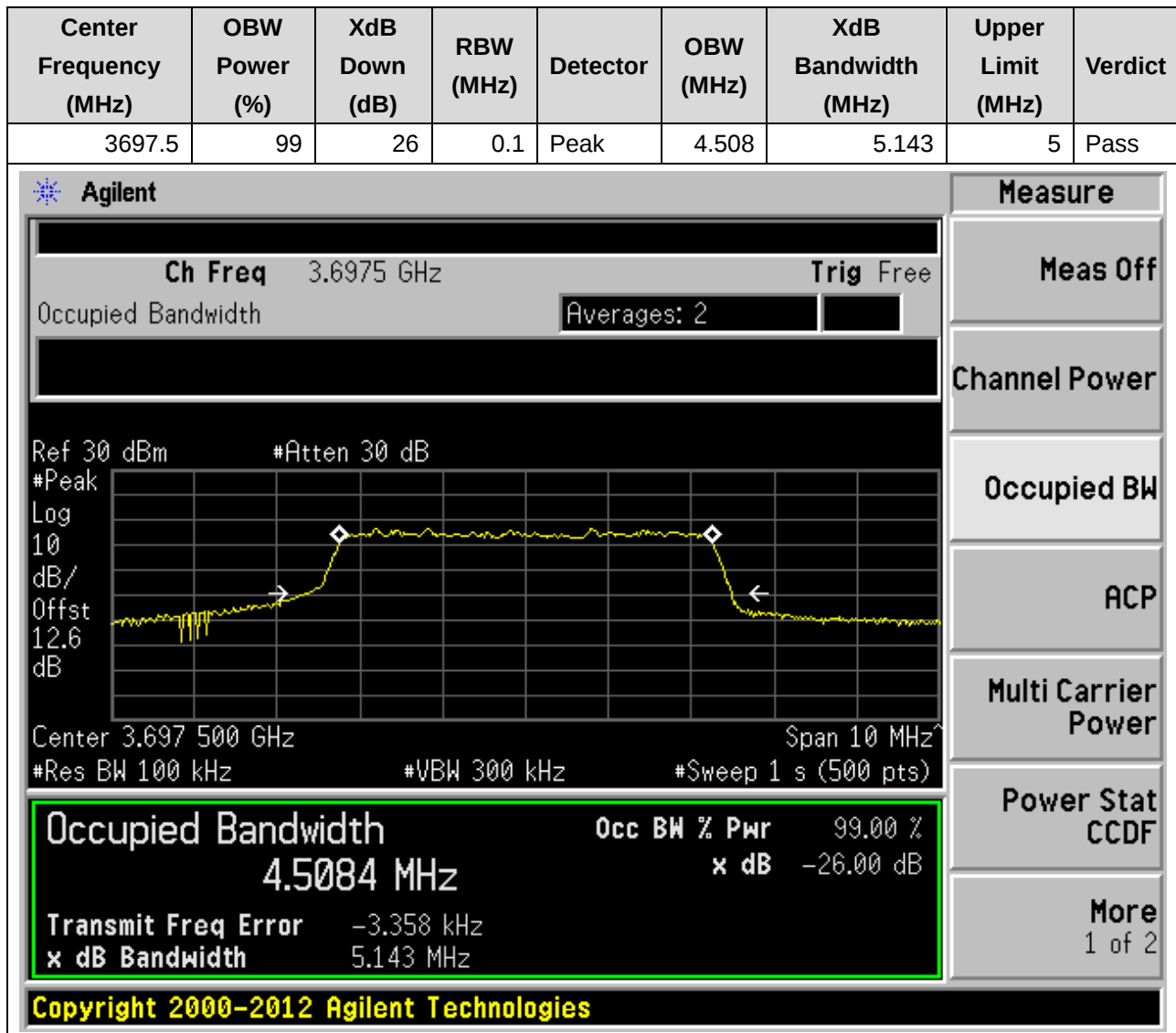
11.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:55990, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



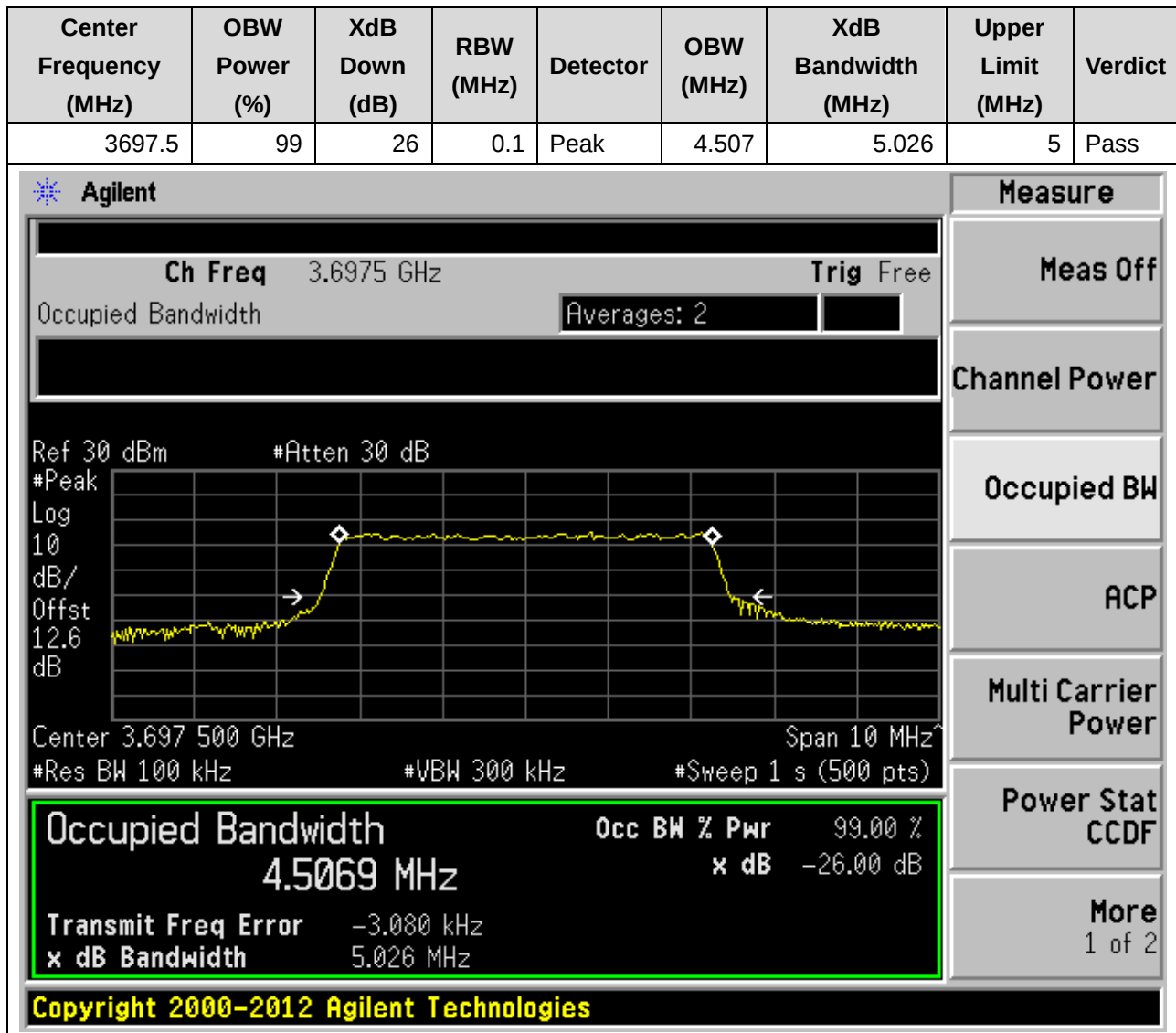
11.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:55990, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



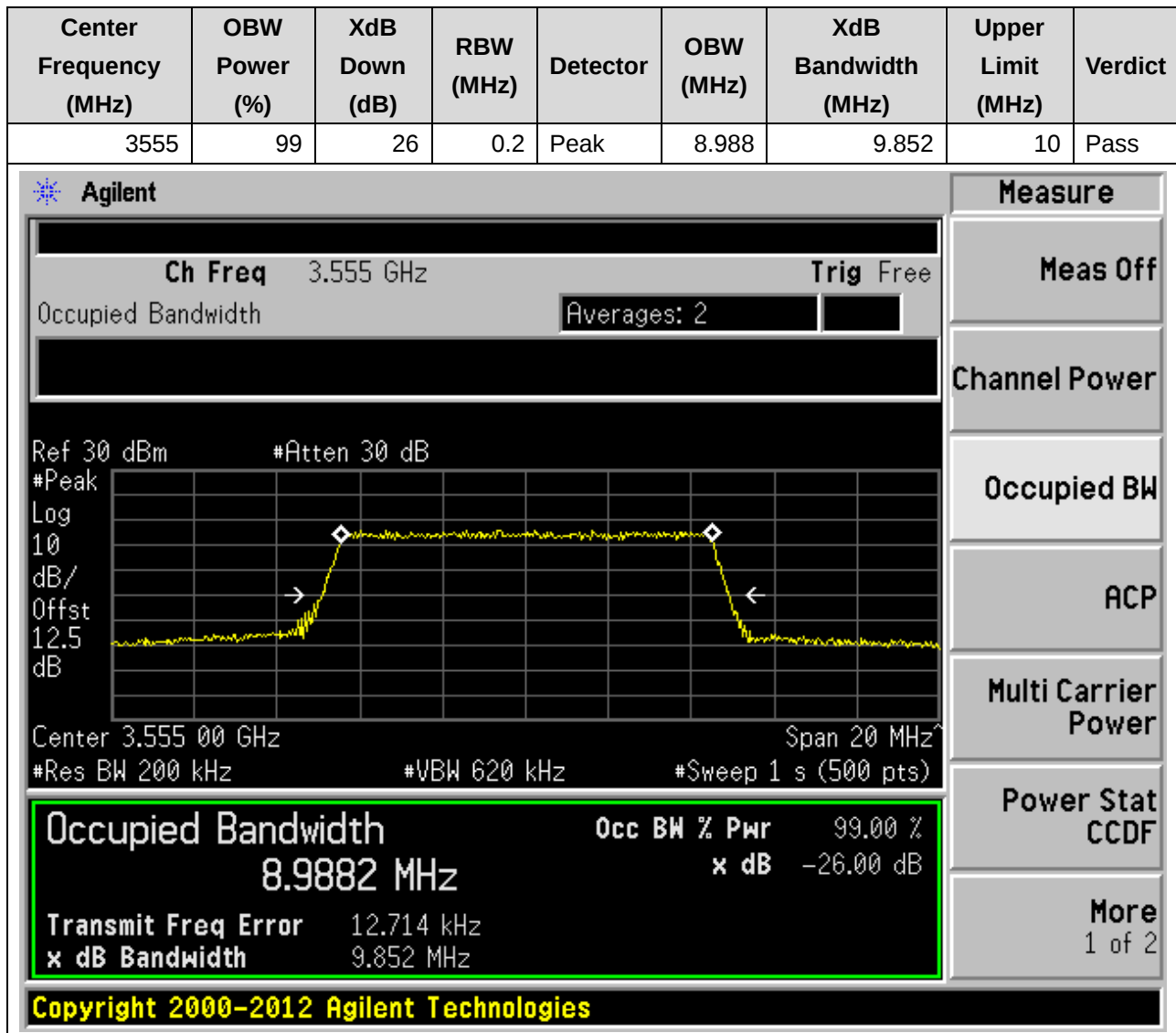
11.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



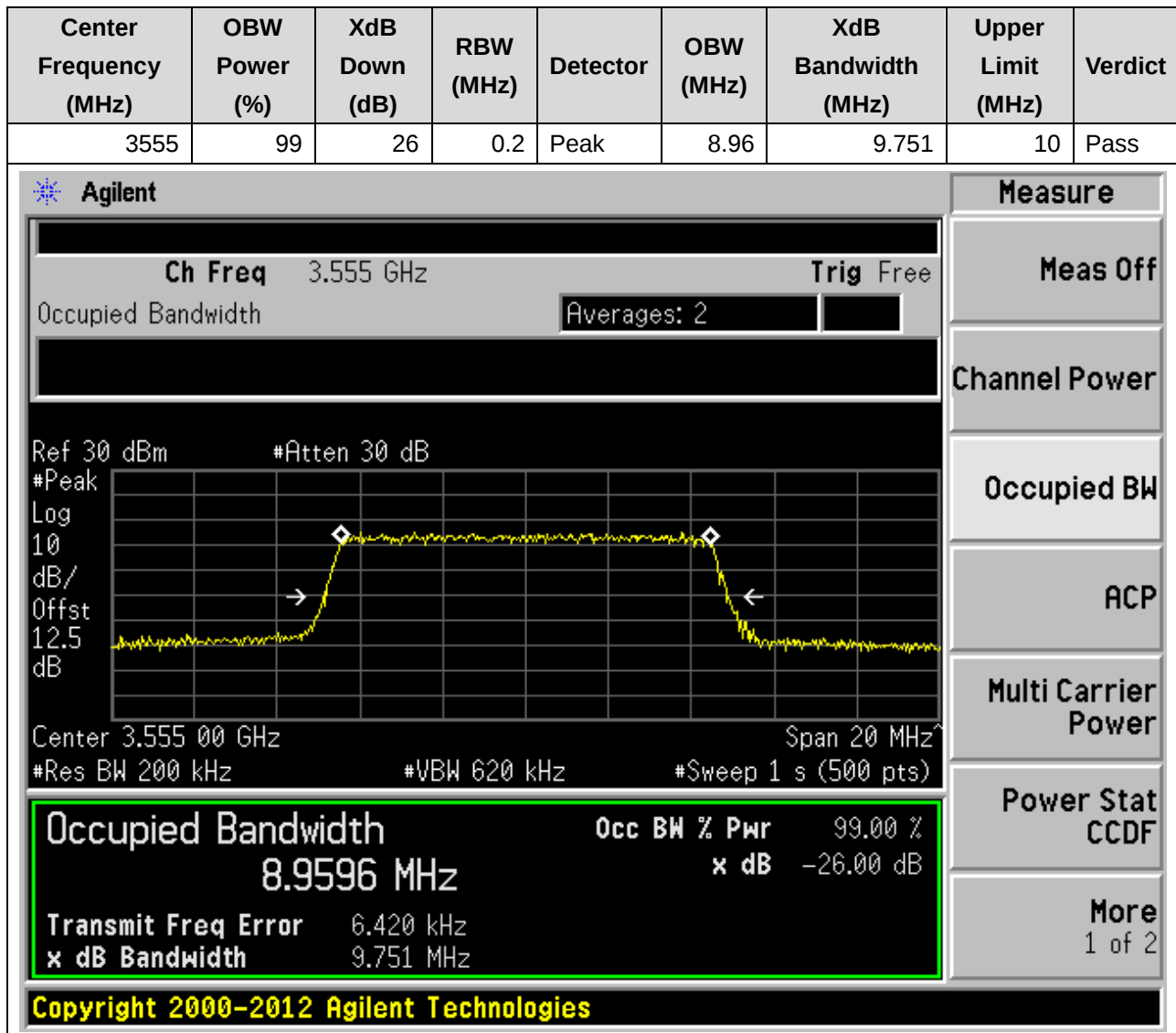
11.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:56715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



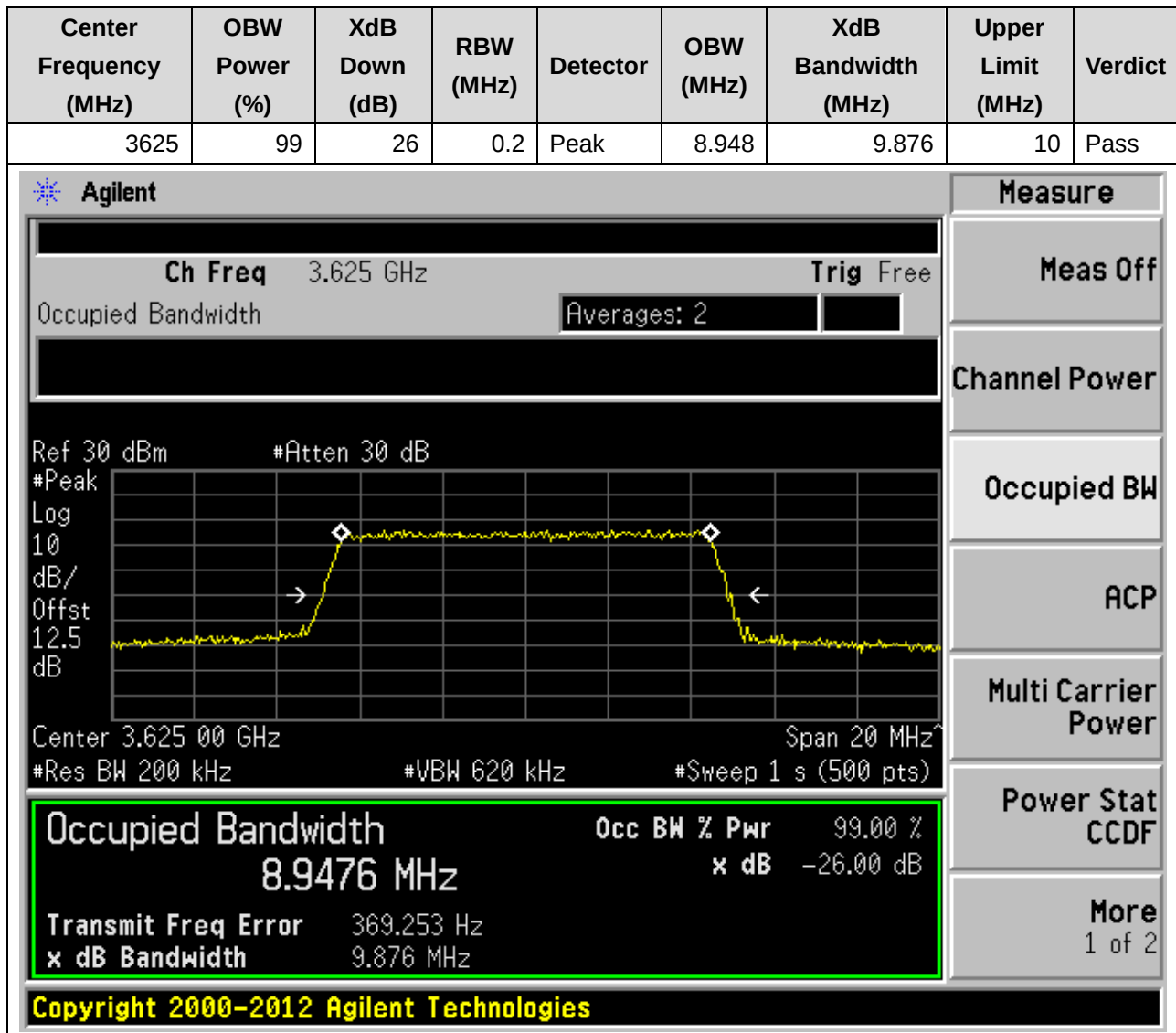
11.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



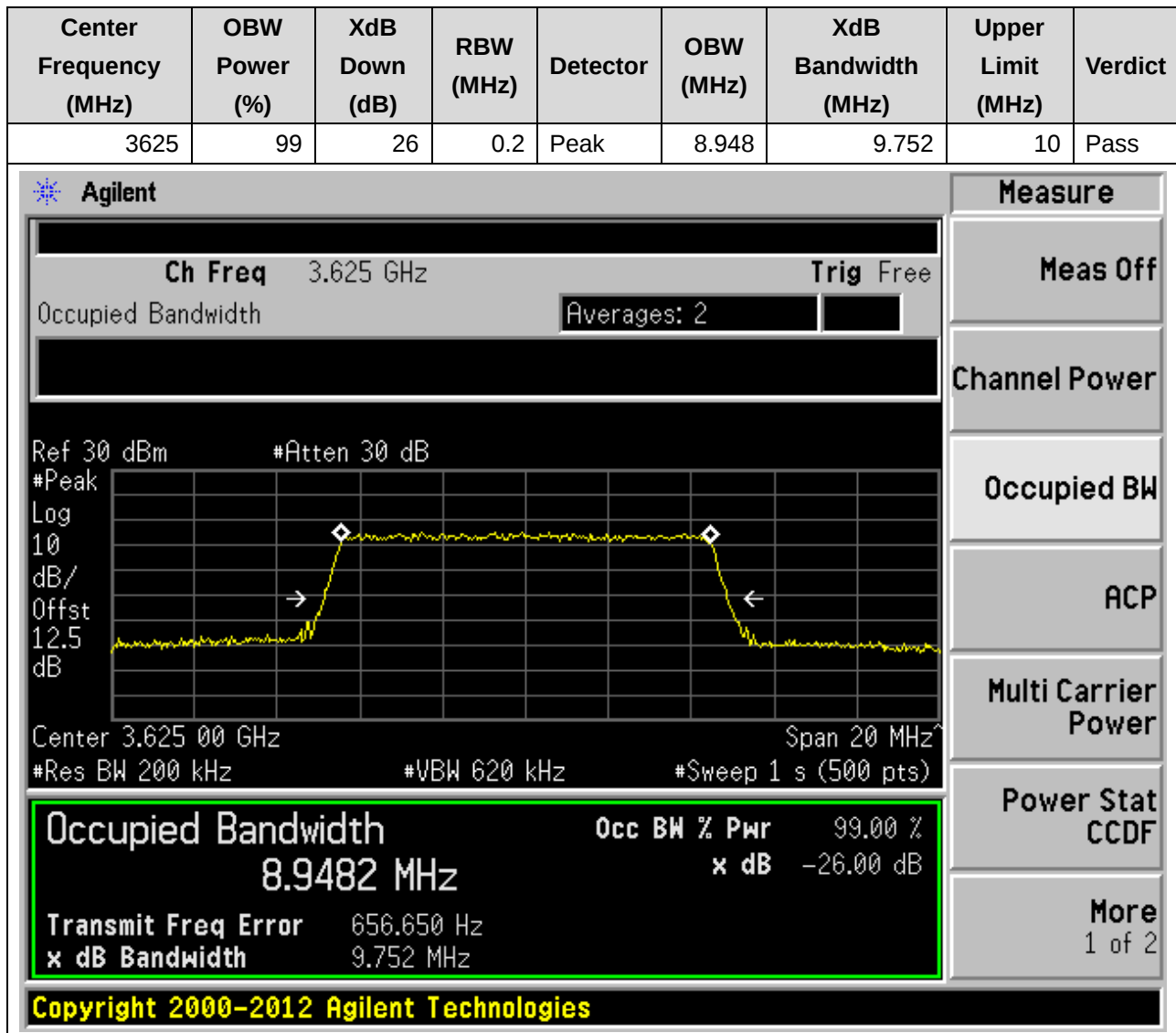
11.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



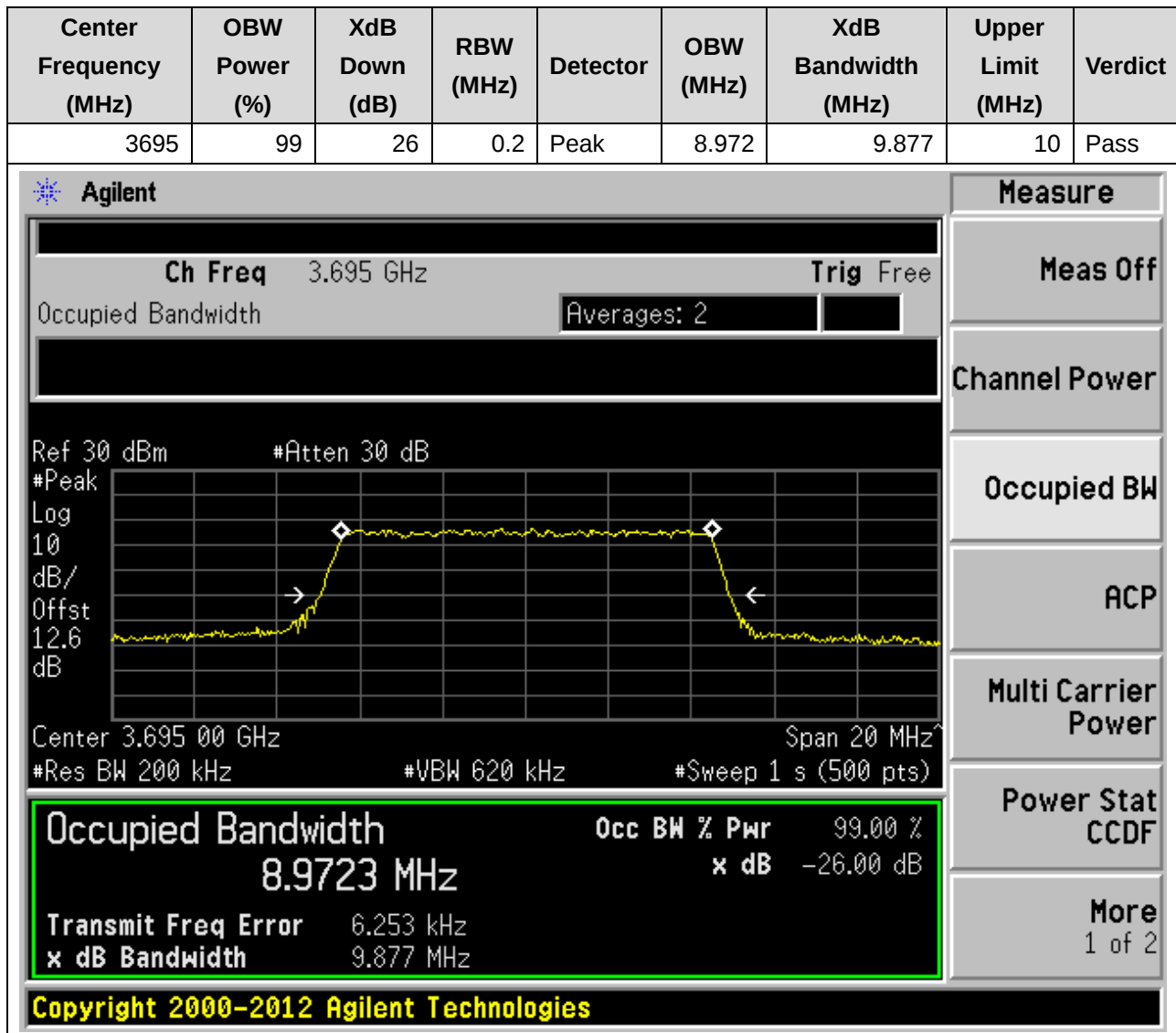
11.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



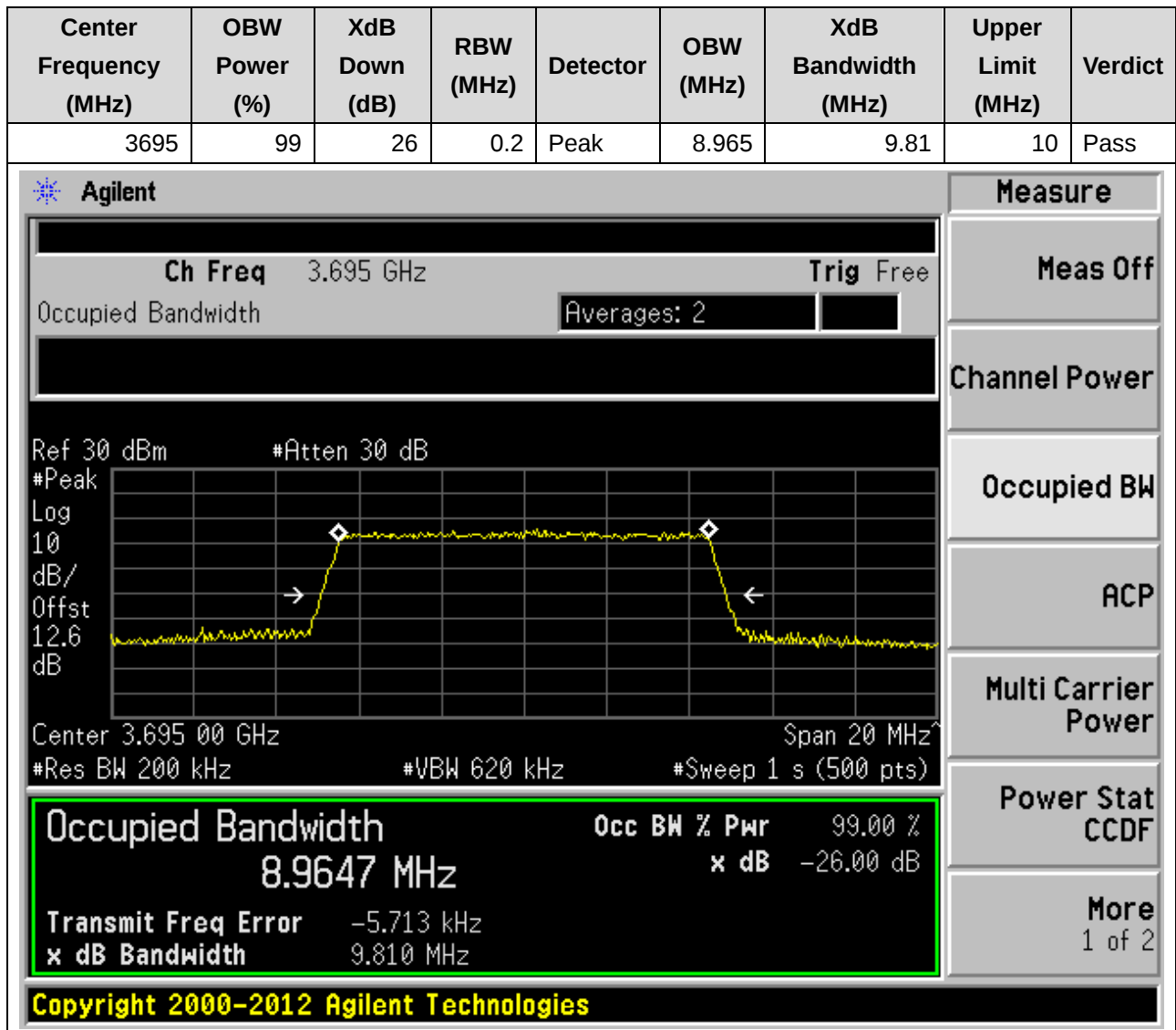
11.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:55990, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



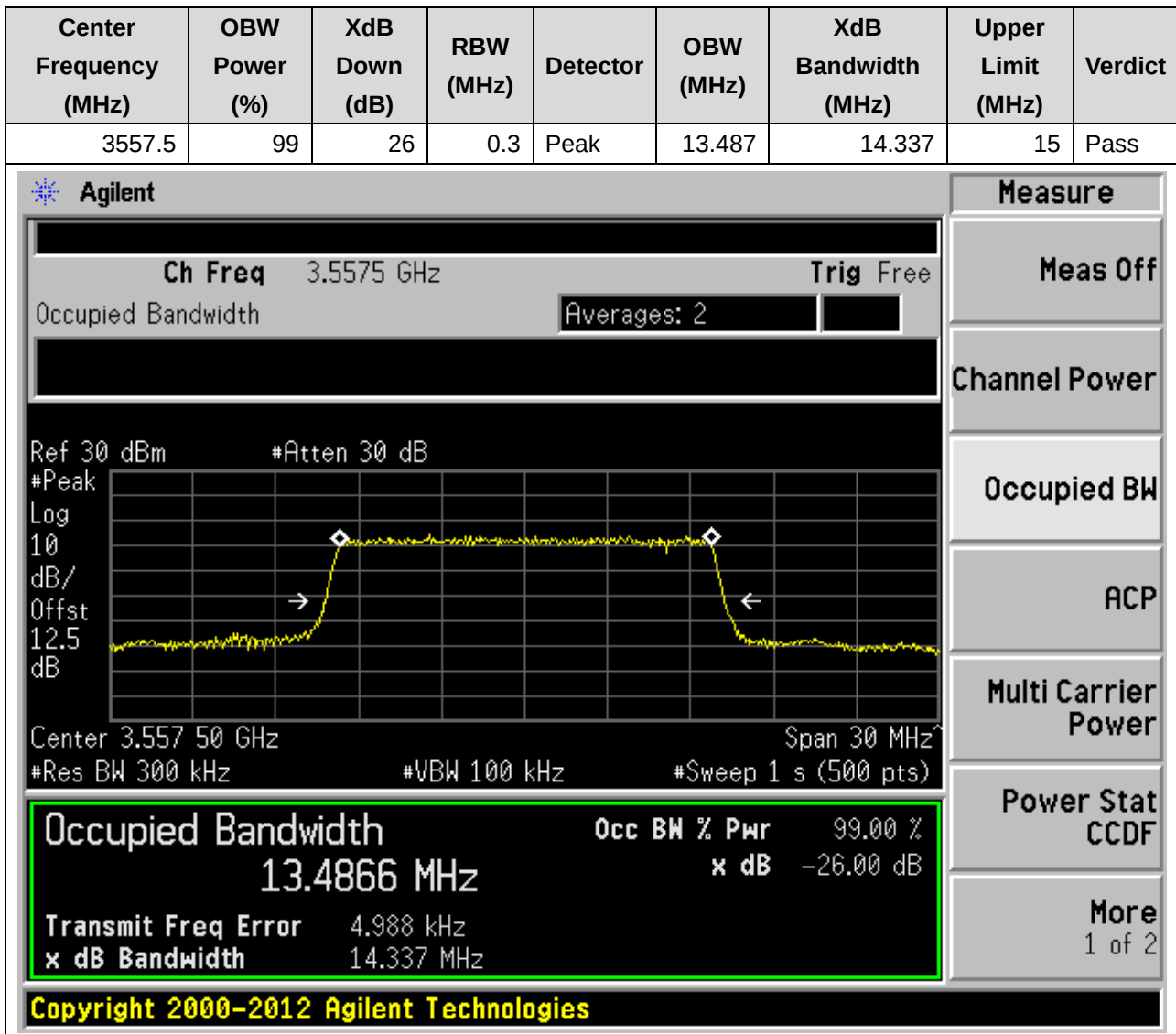
11.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



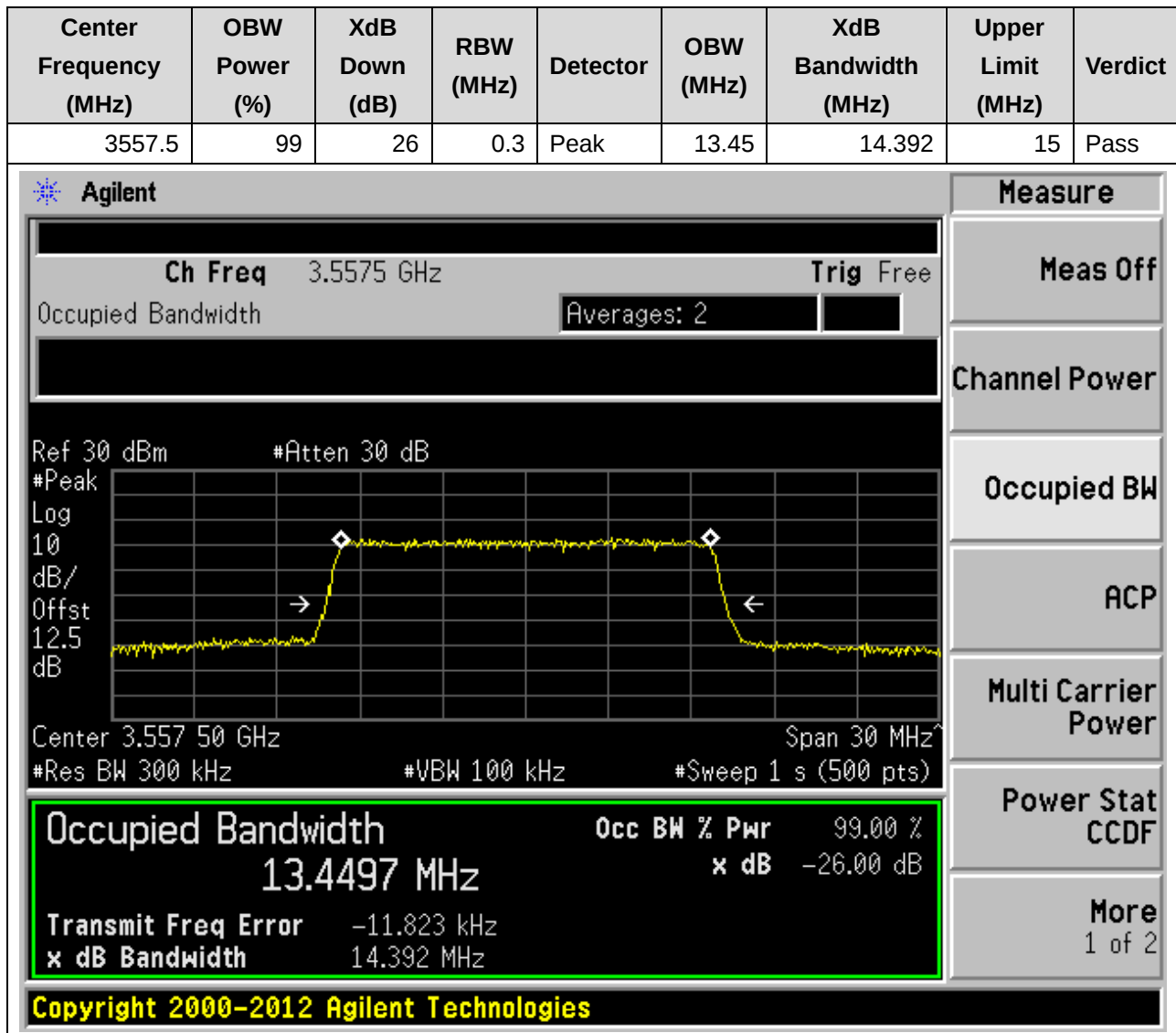
11.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



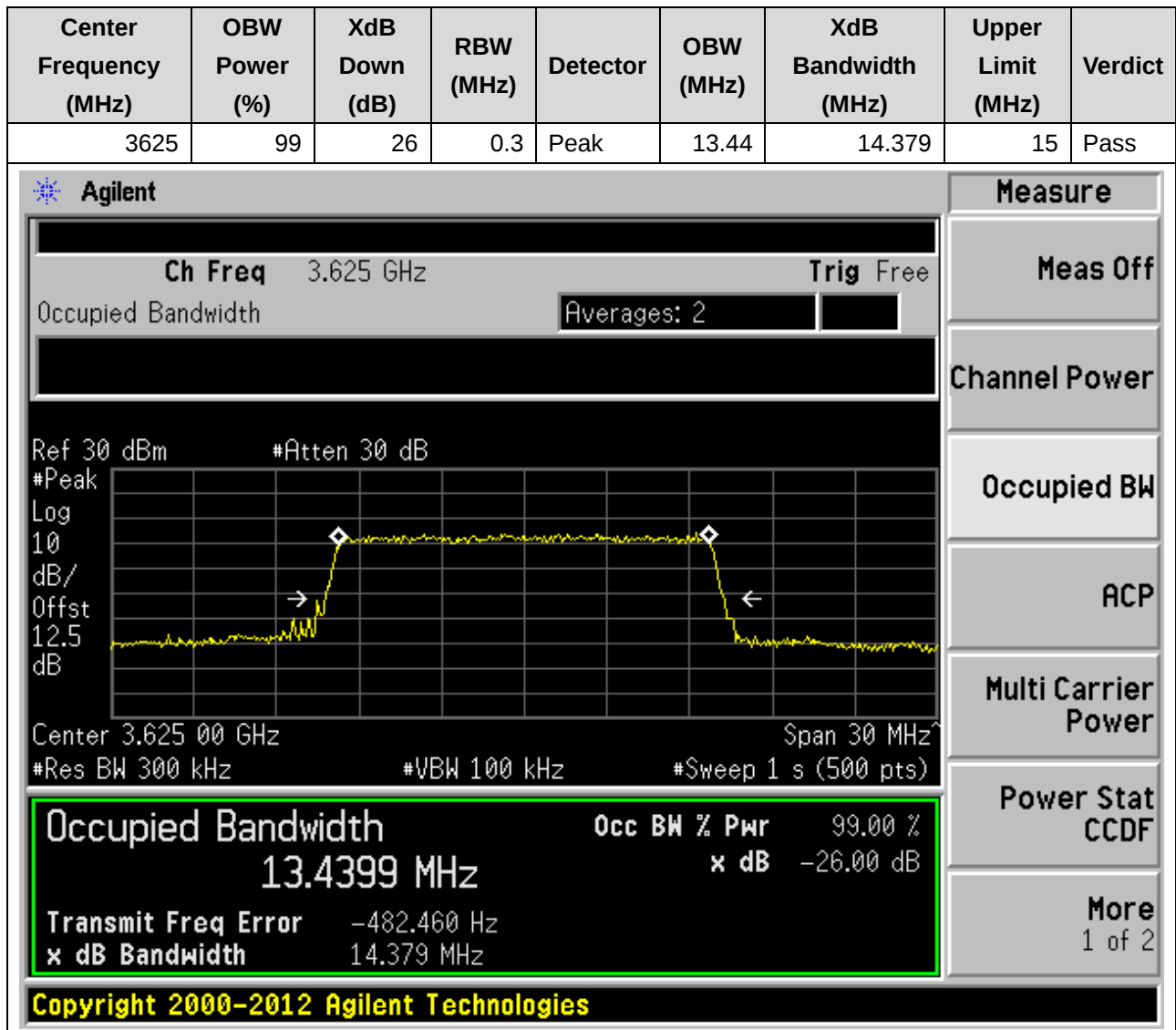
11.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:55315, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



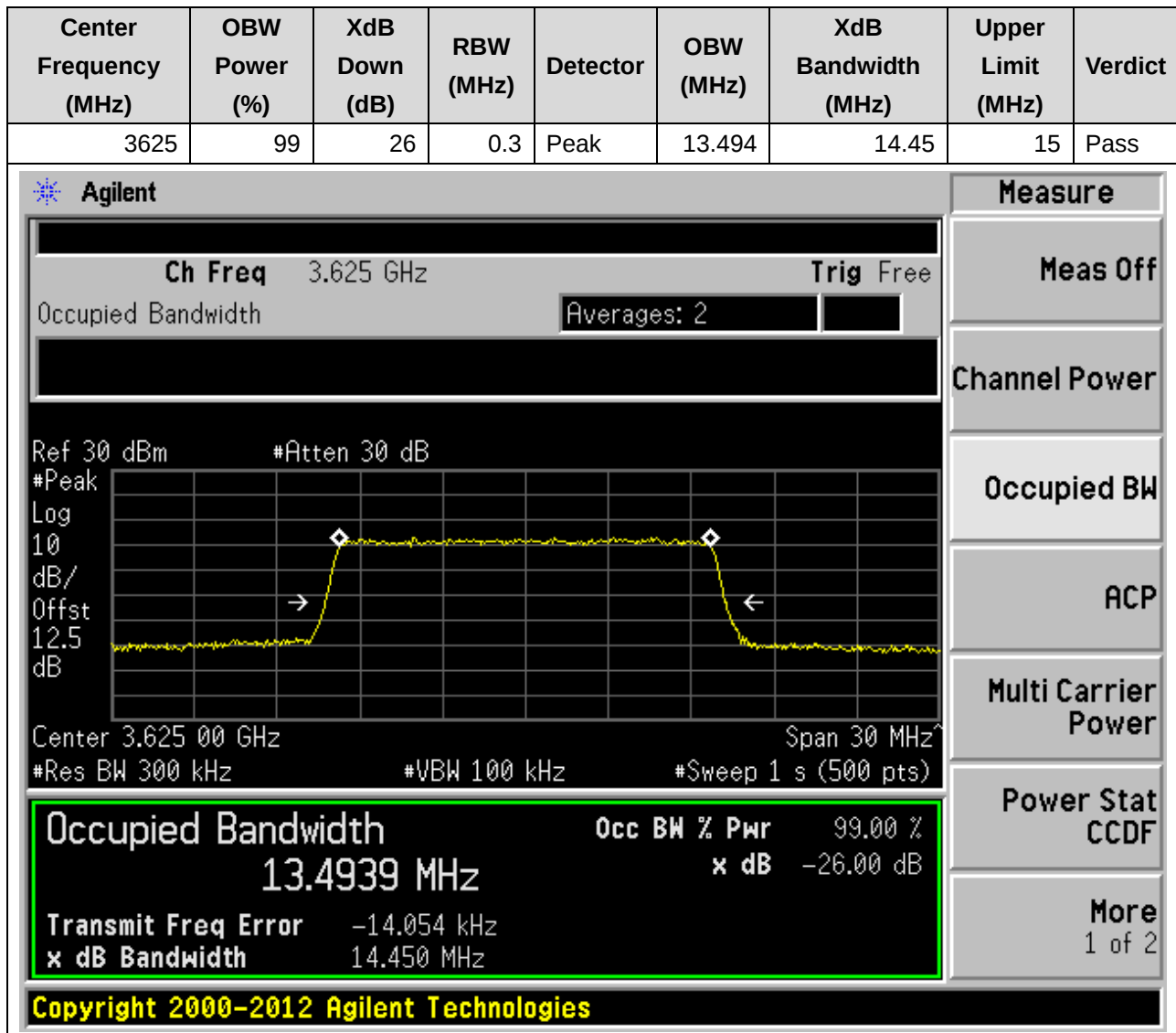
11.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:55315, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



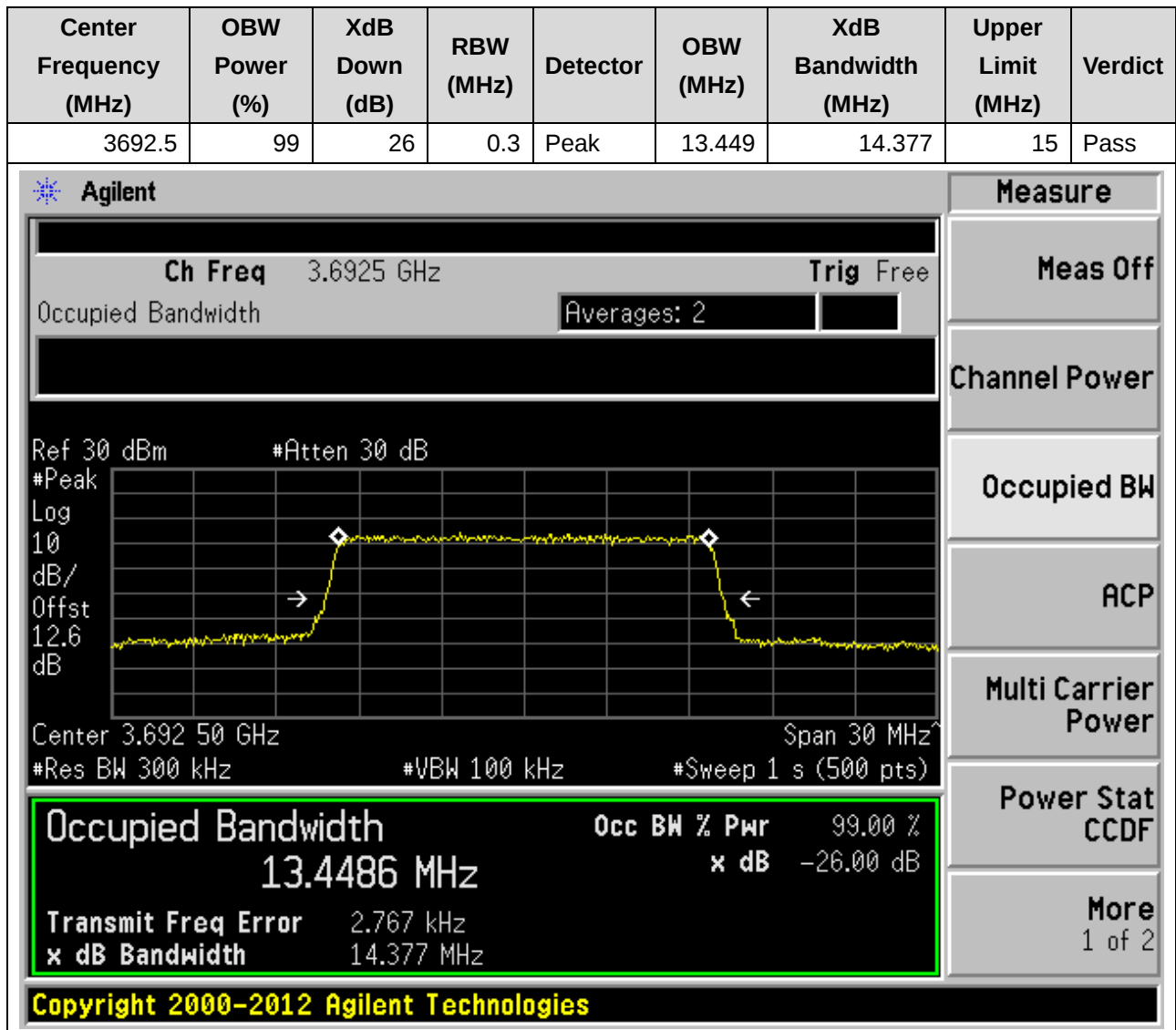
11.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:55990, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



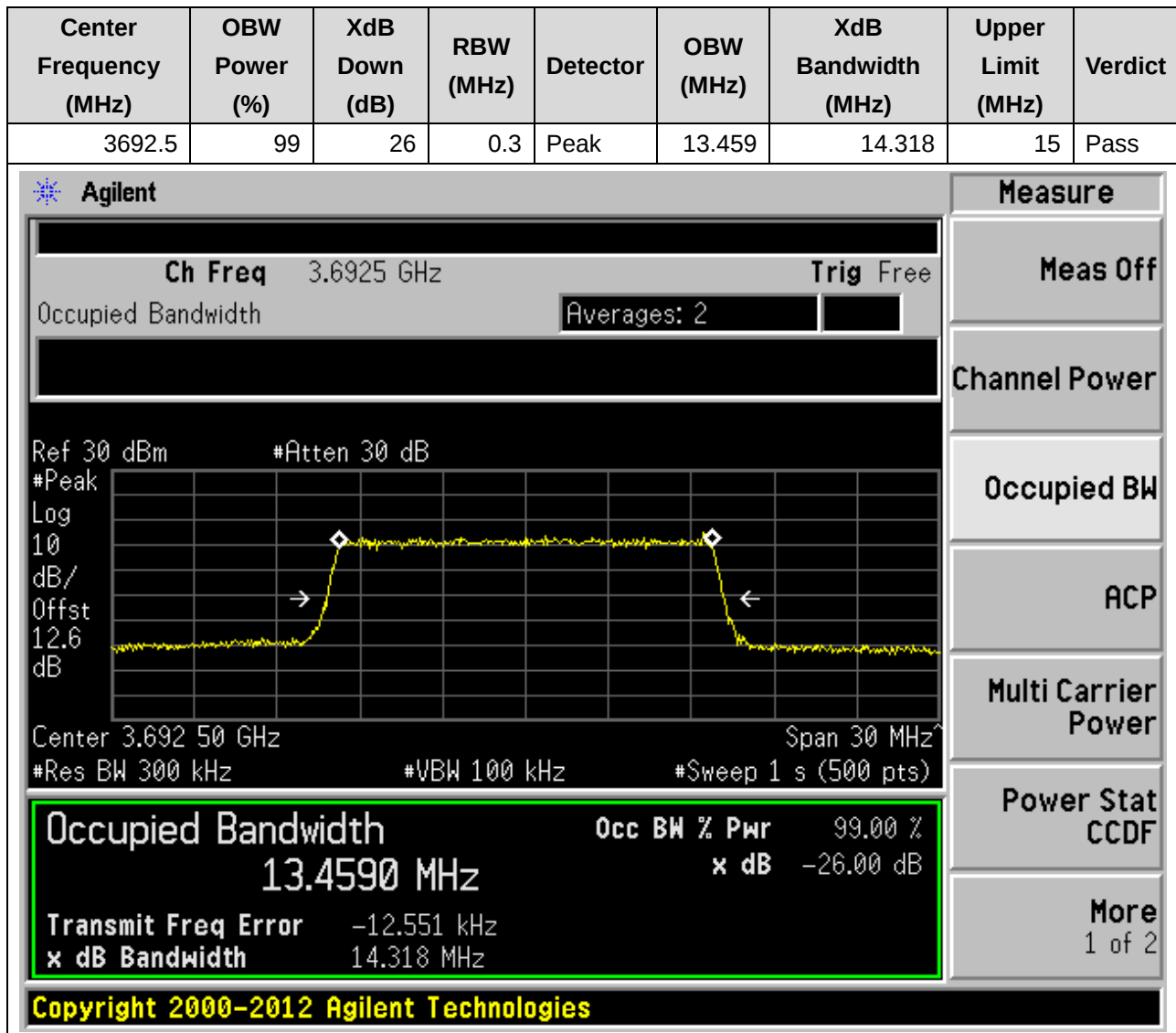
11.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:55990, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



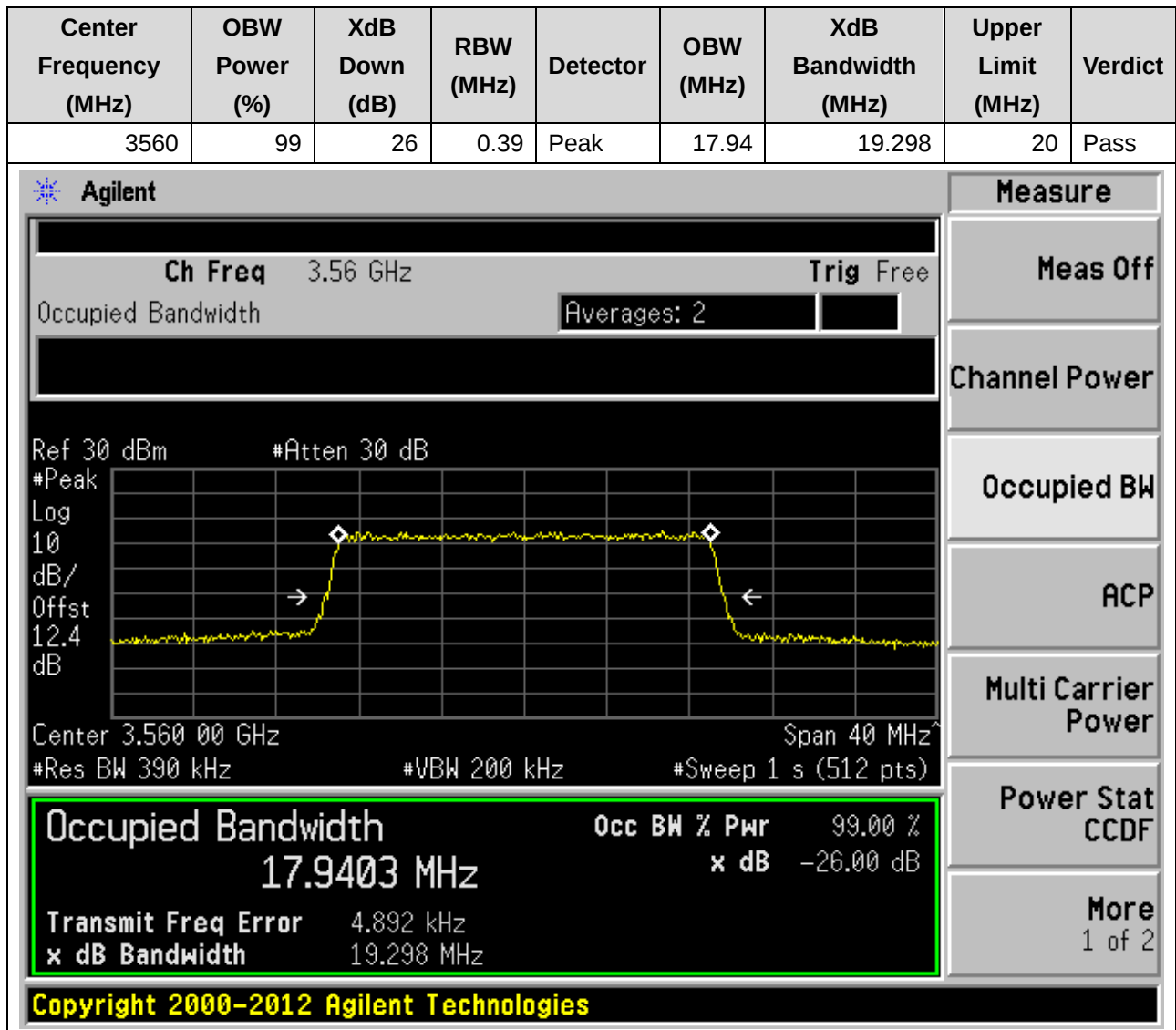
11.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:56665, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



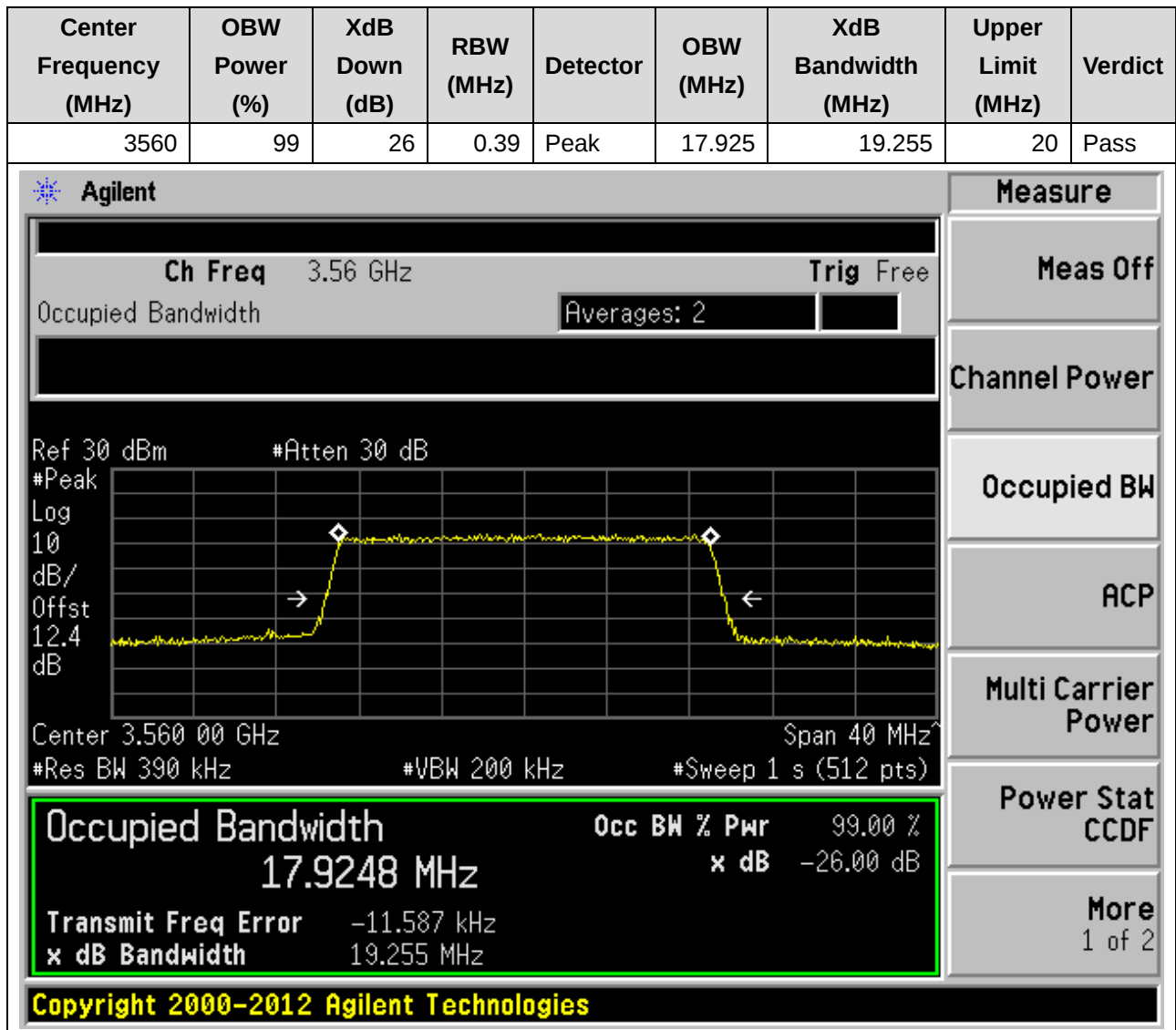
11.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:56665, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



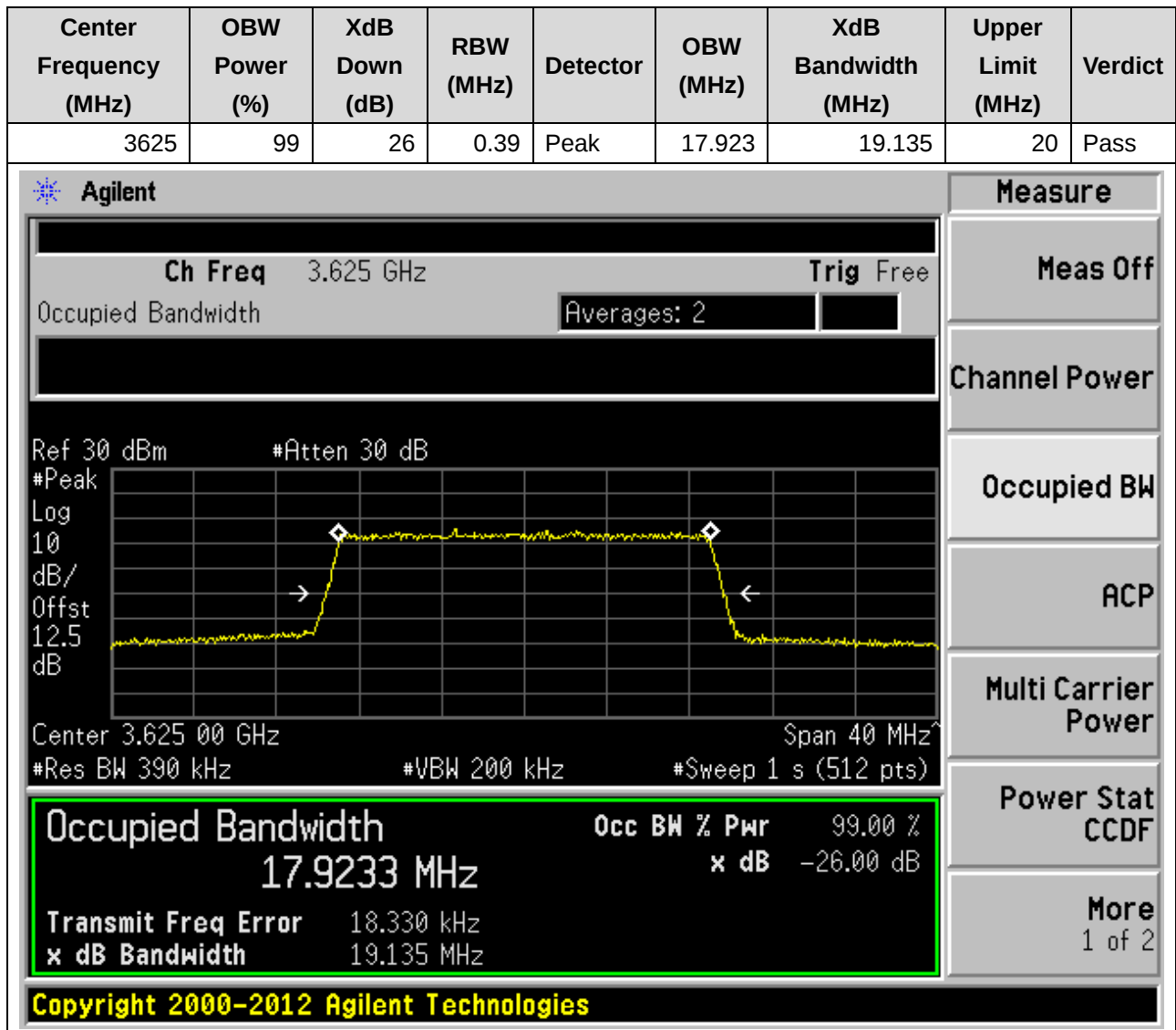
11.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



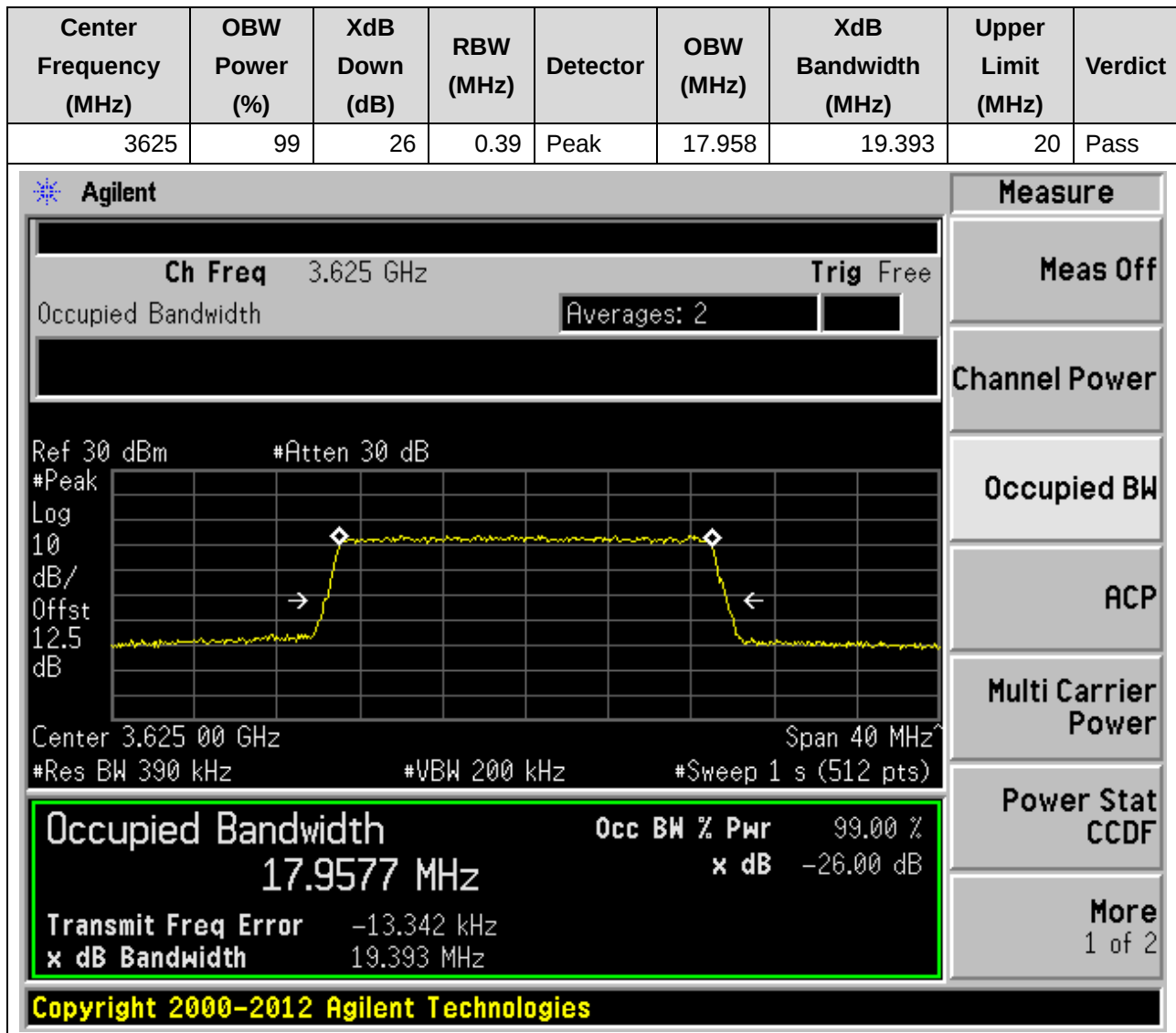
11.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:55340, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



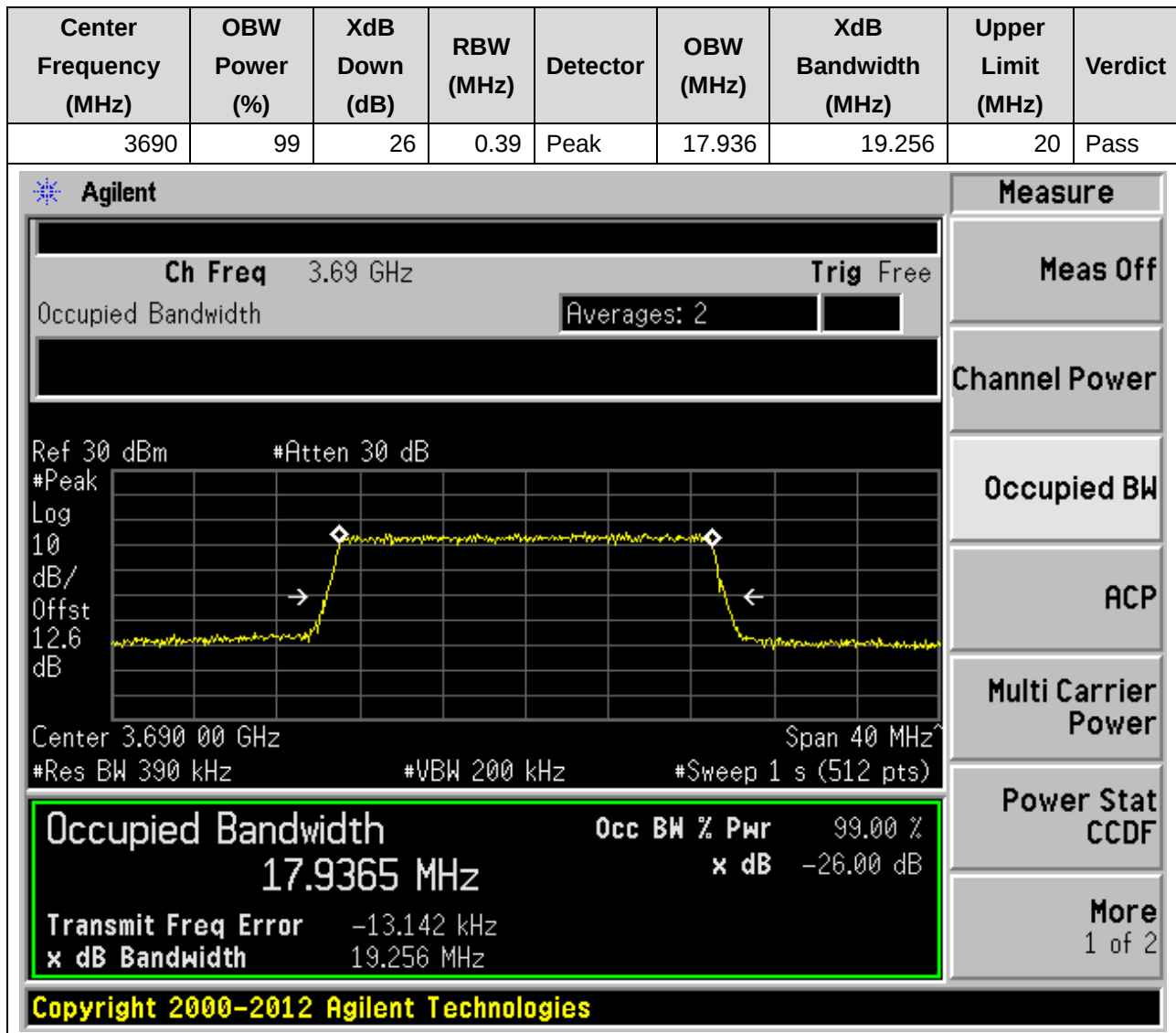
11.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:55990, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



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



11.24. 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	17.949	19.273	20	Pass


Agilent

Ch Freq 3.69 GHz

Trig Free

Occupied Bandwidth

Averages: 2

Ref 30 dBm

#Atten 30 dB

#Peak

Log

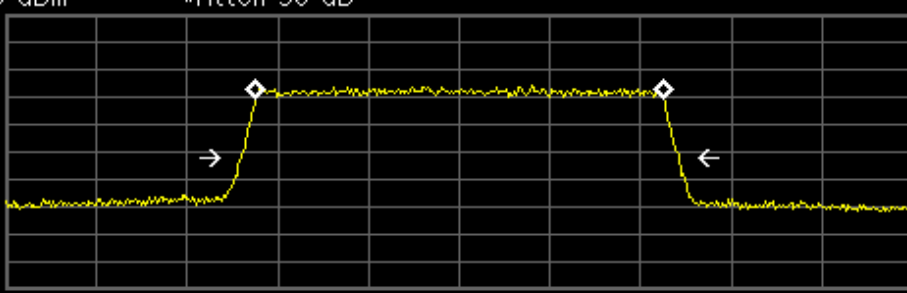
10

dB/

Offst

12.6

dB



Center 3.690 00 GHz

Span 40 MHz

#Res BW 390 kHz

#VBW 200 kHz

#Sweep 1 s (512 pts)

Occupied Bandwidth

17.9494 MHz

Transmit Freq Error

17.848 kHz

x dB Bandwidth

19.273 MHz

Occ BW % Pwr

99.00 %

x dB

-26.00 dB

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

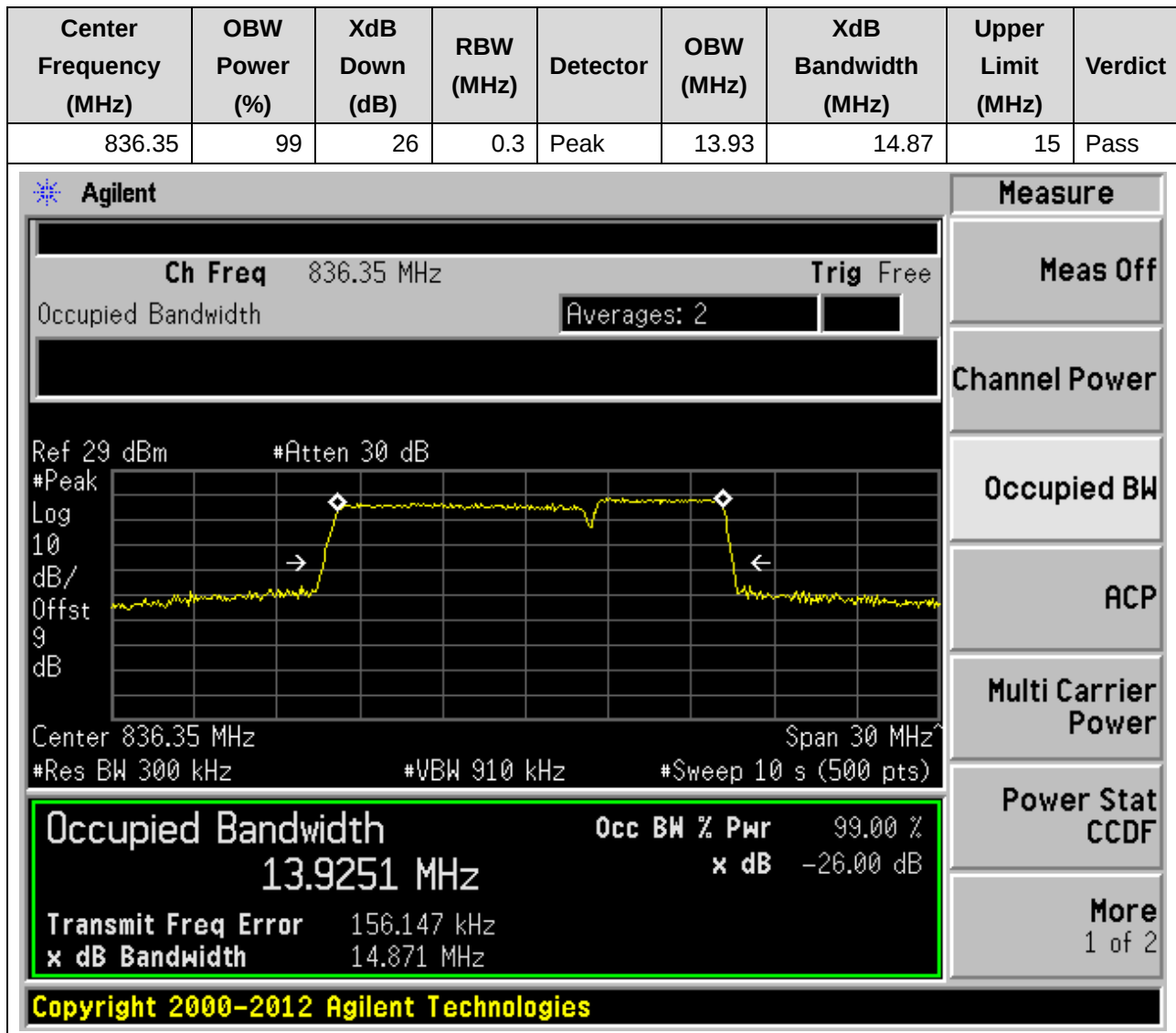
Power Stat CCDF

More

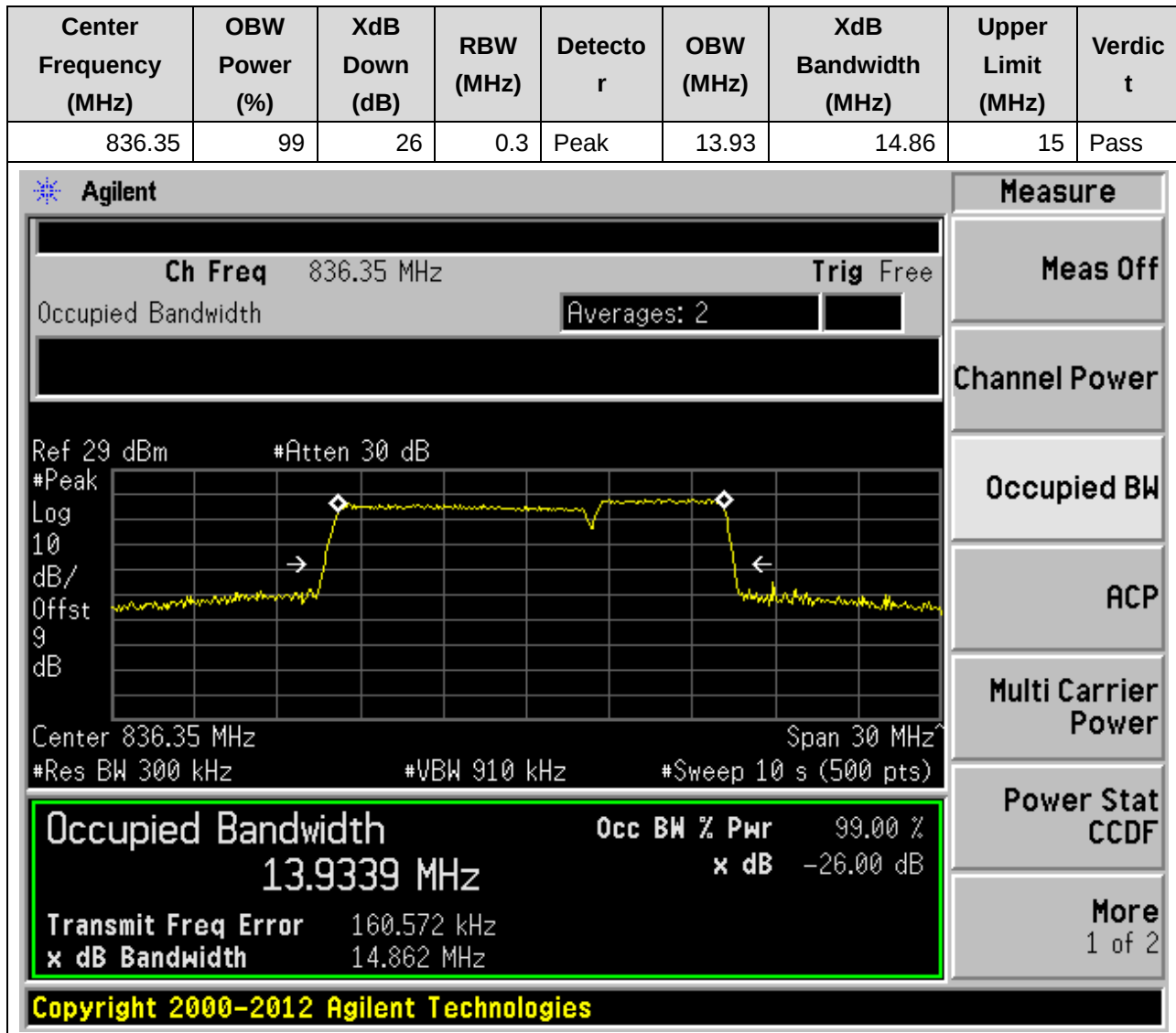
1 of 2

12. CA_5B

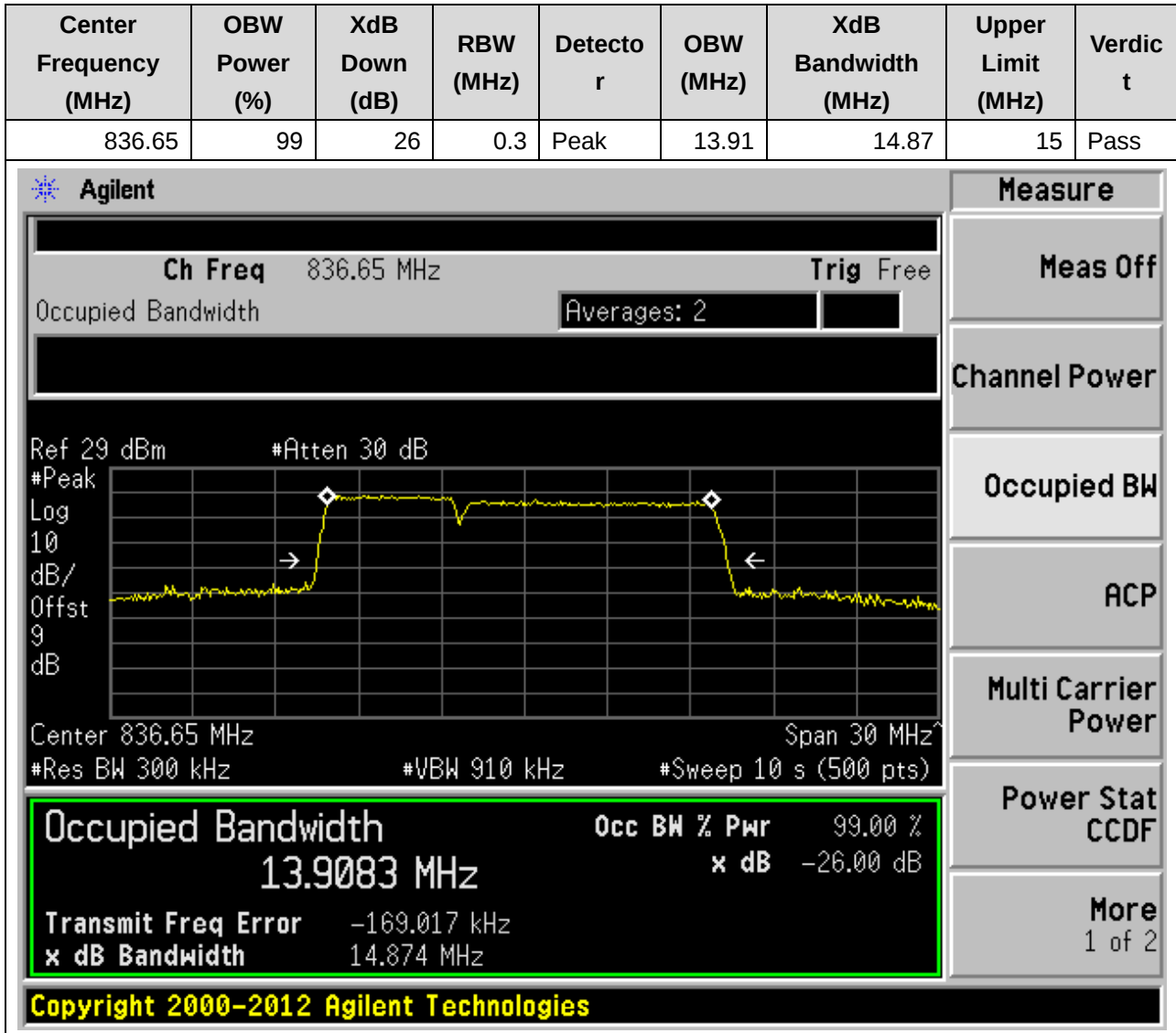
12.1. CA Occupied Bandwidth(NTNV)(Subtest:1, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



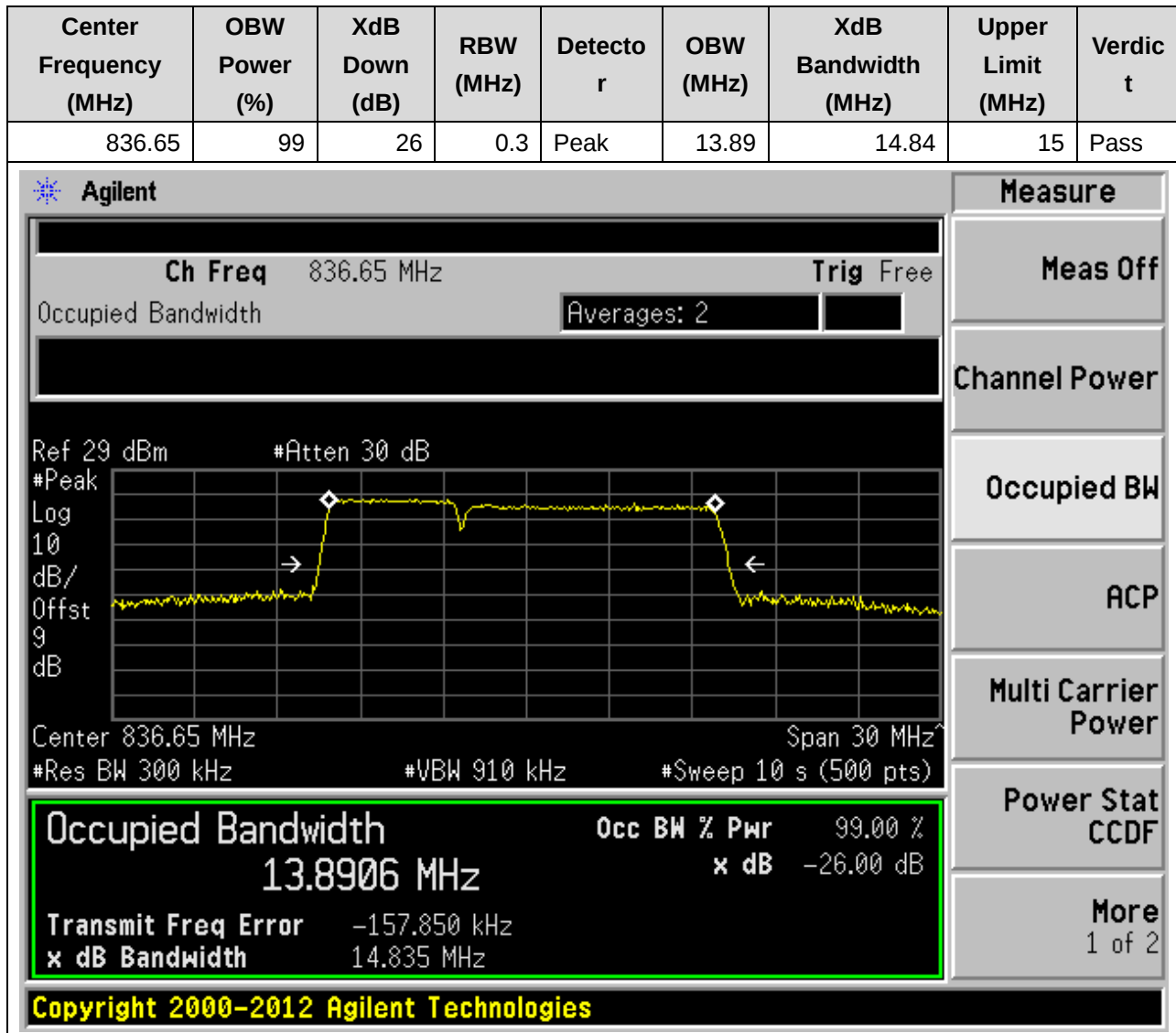
12.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



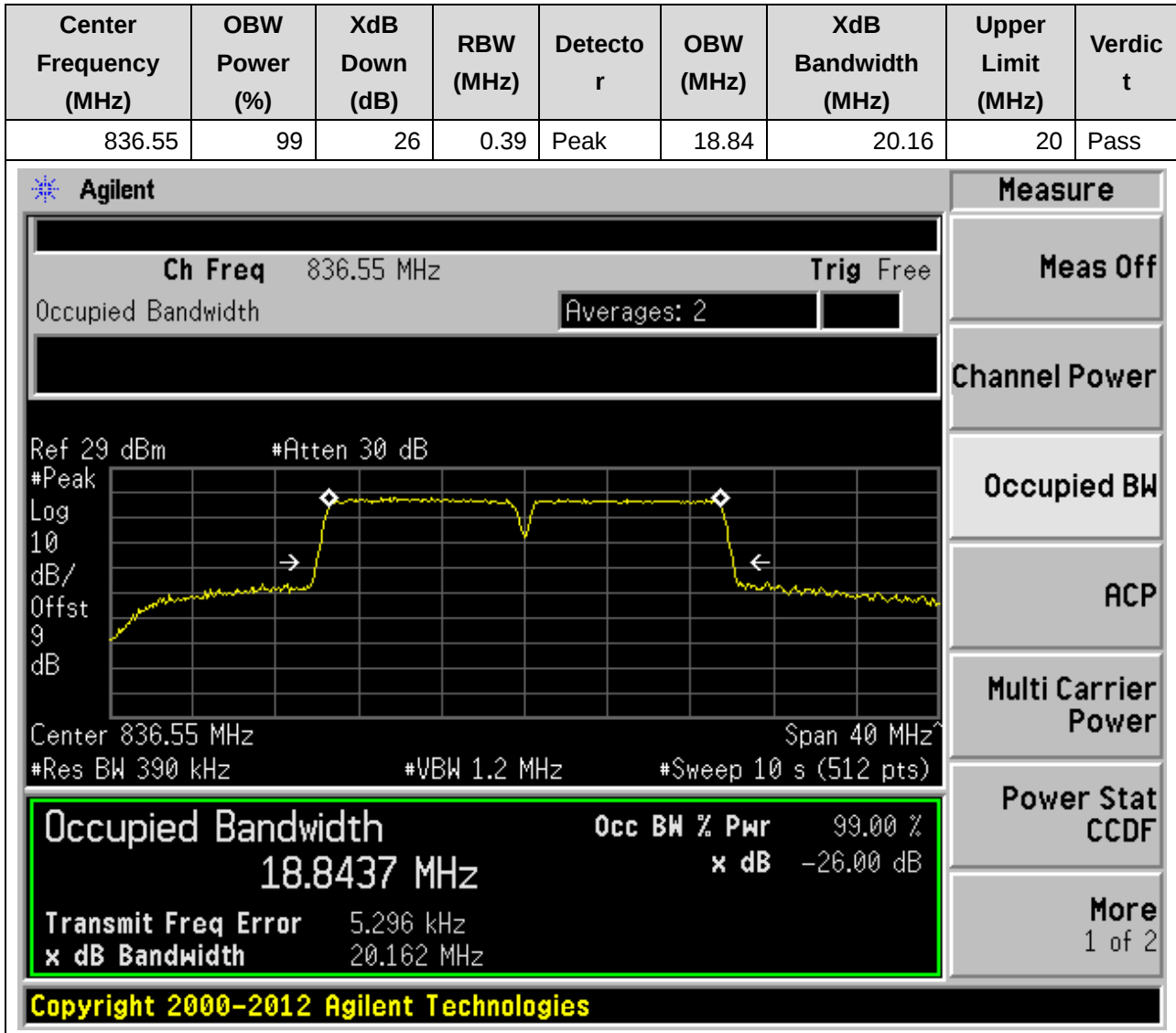
12.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



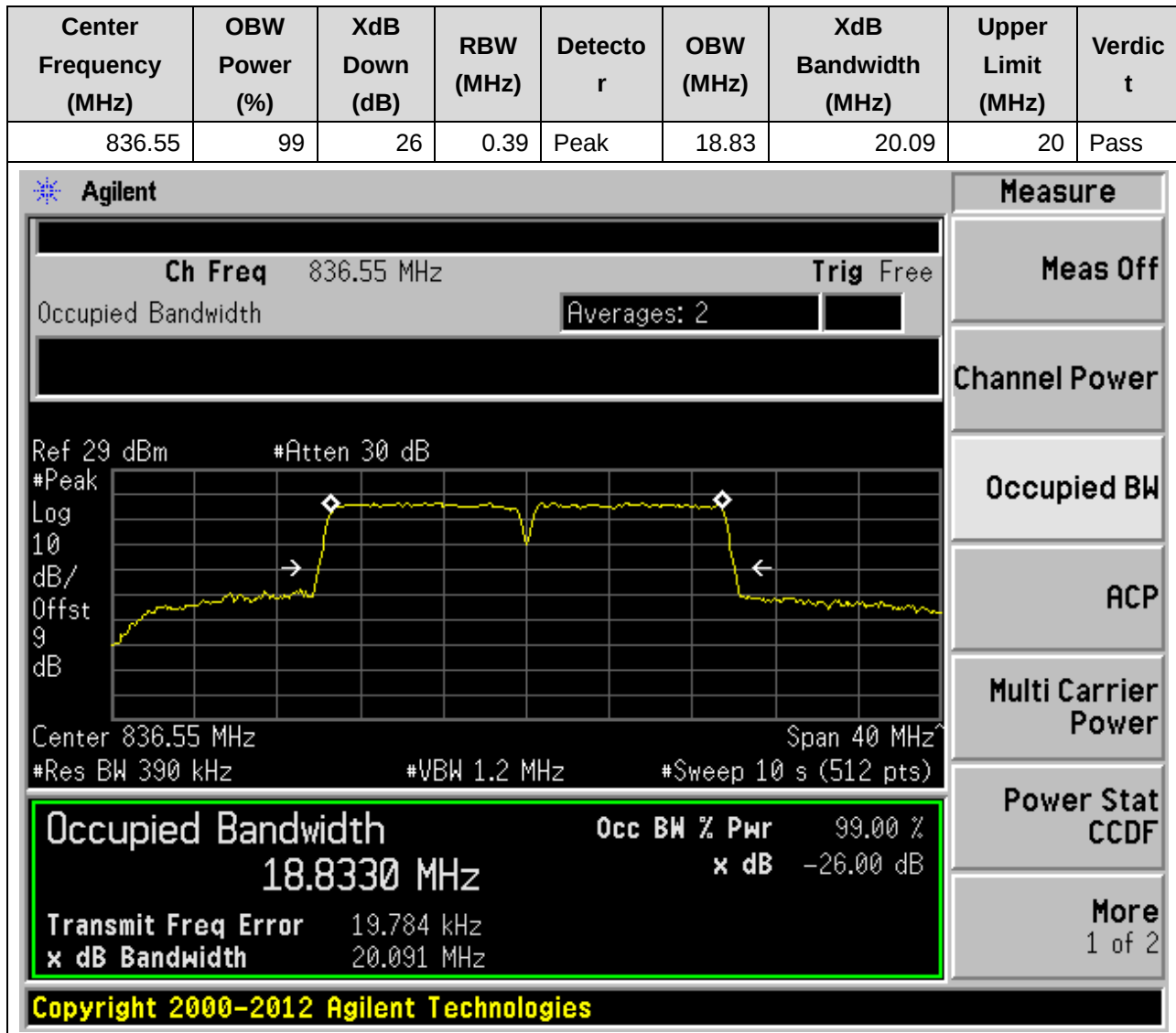
12.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



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

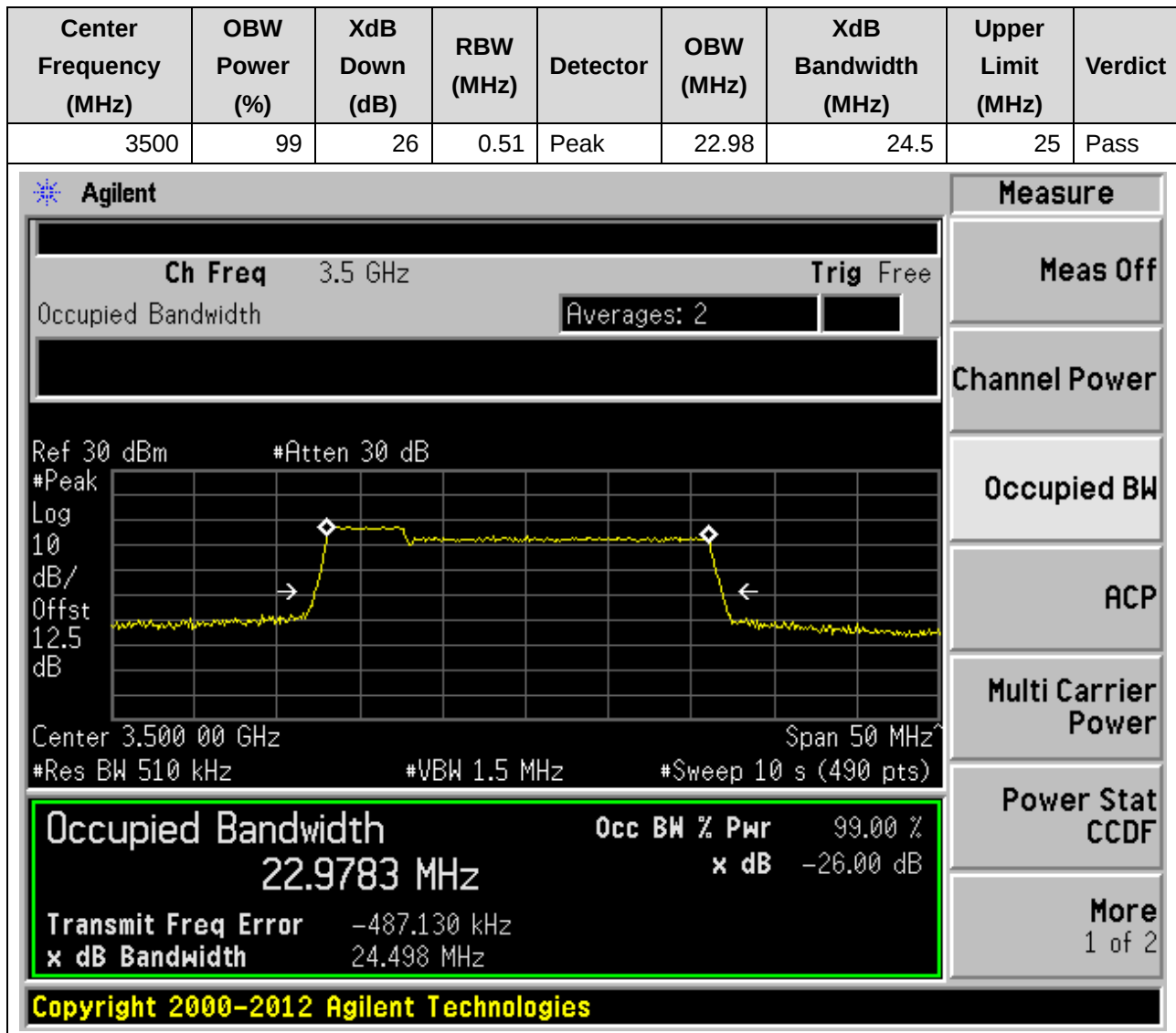


12.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

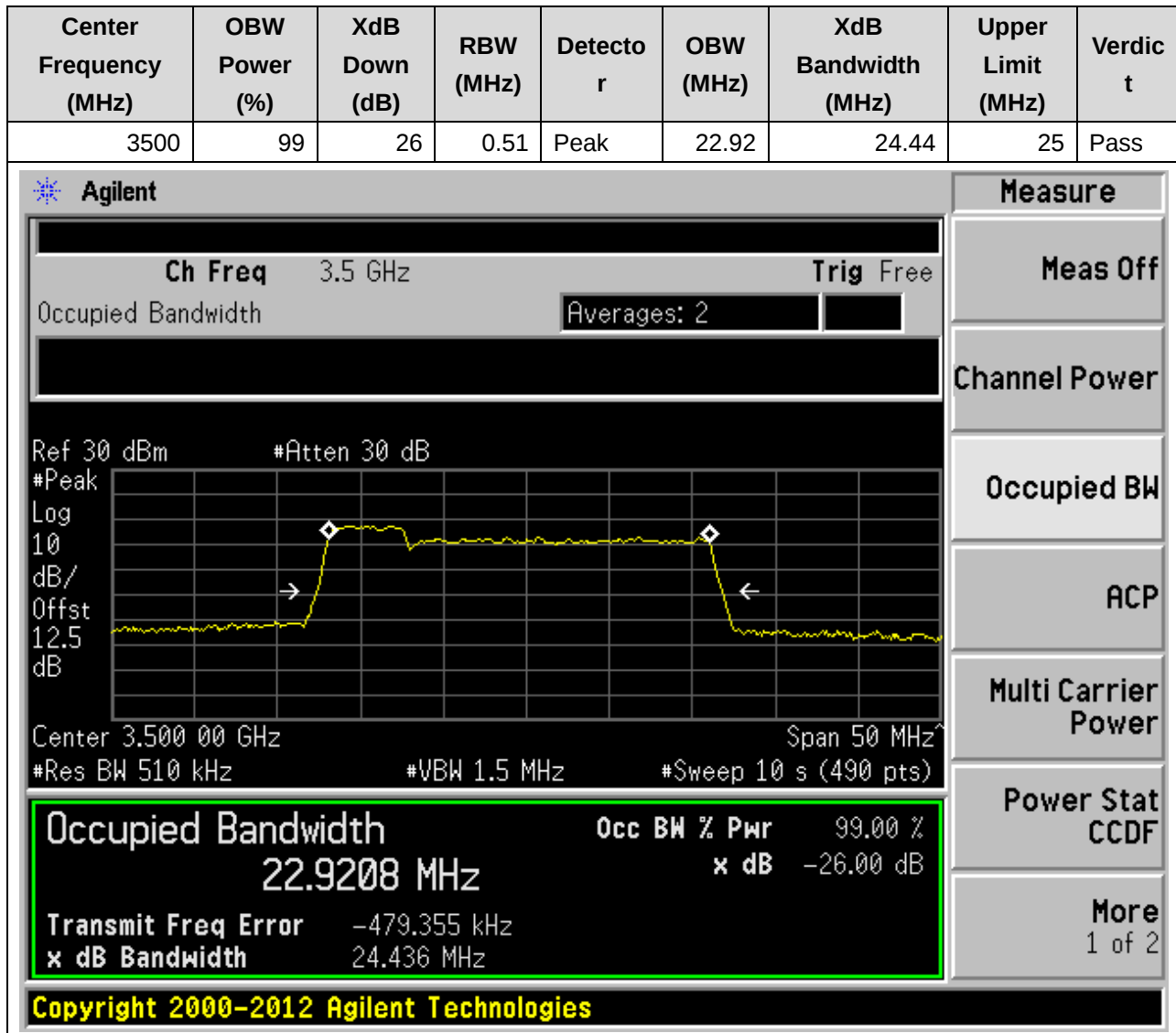


13. CA_42C 3450-3550

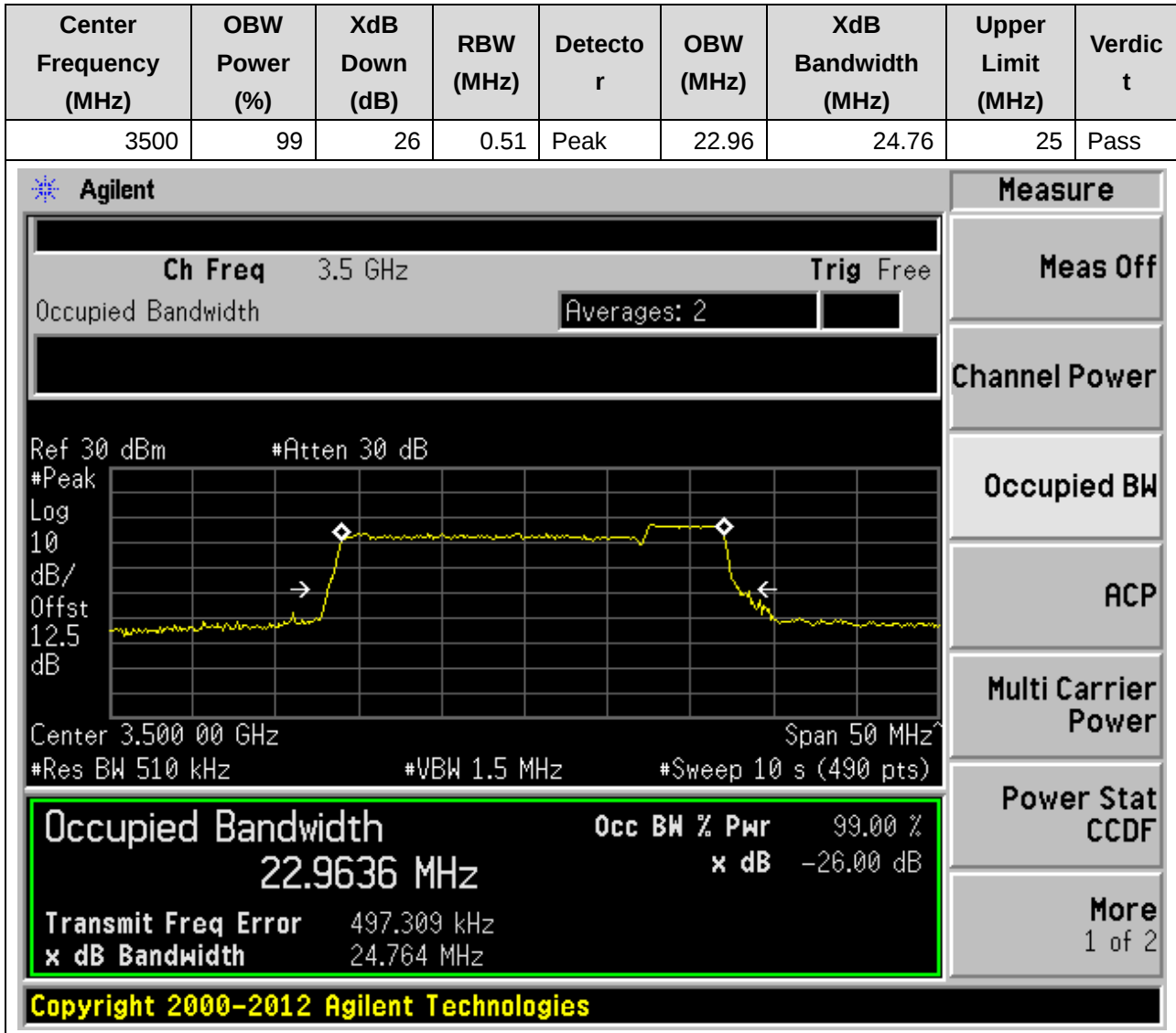
13.1. CA Occupied Bandwidth(NTNV)(Subtest:1, Channel:42494|42611, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



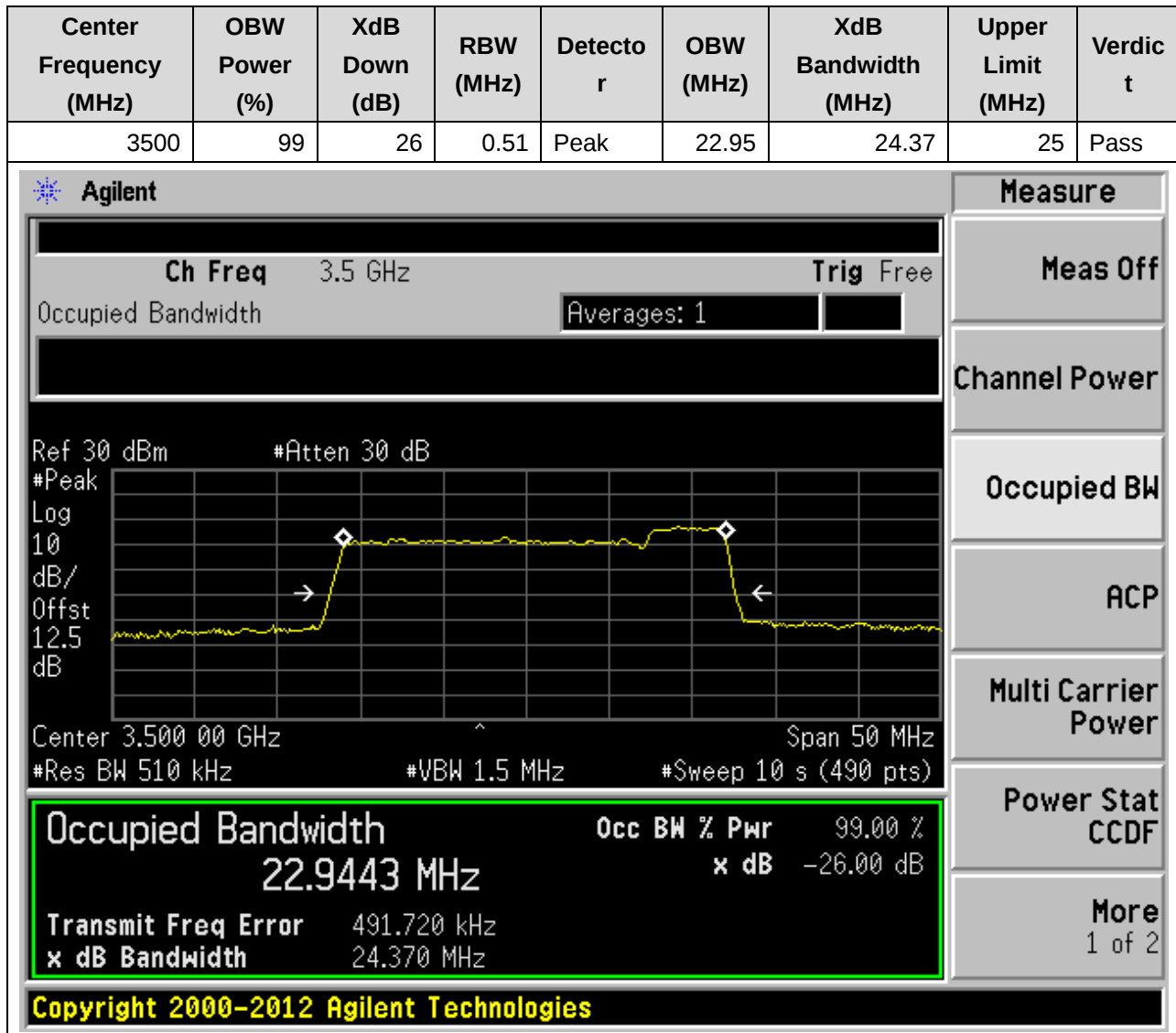
13.2. CA Occupied Bandwidth(NTNV)(Subtest:2, Channel:42494|42611, Bandwidth:5|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



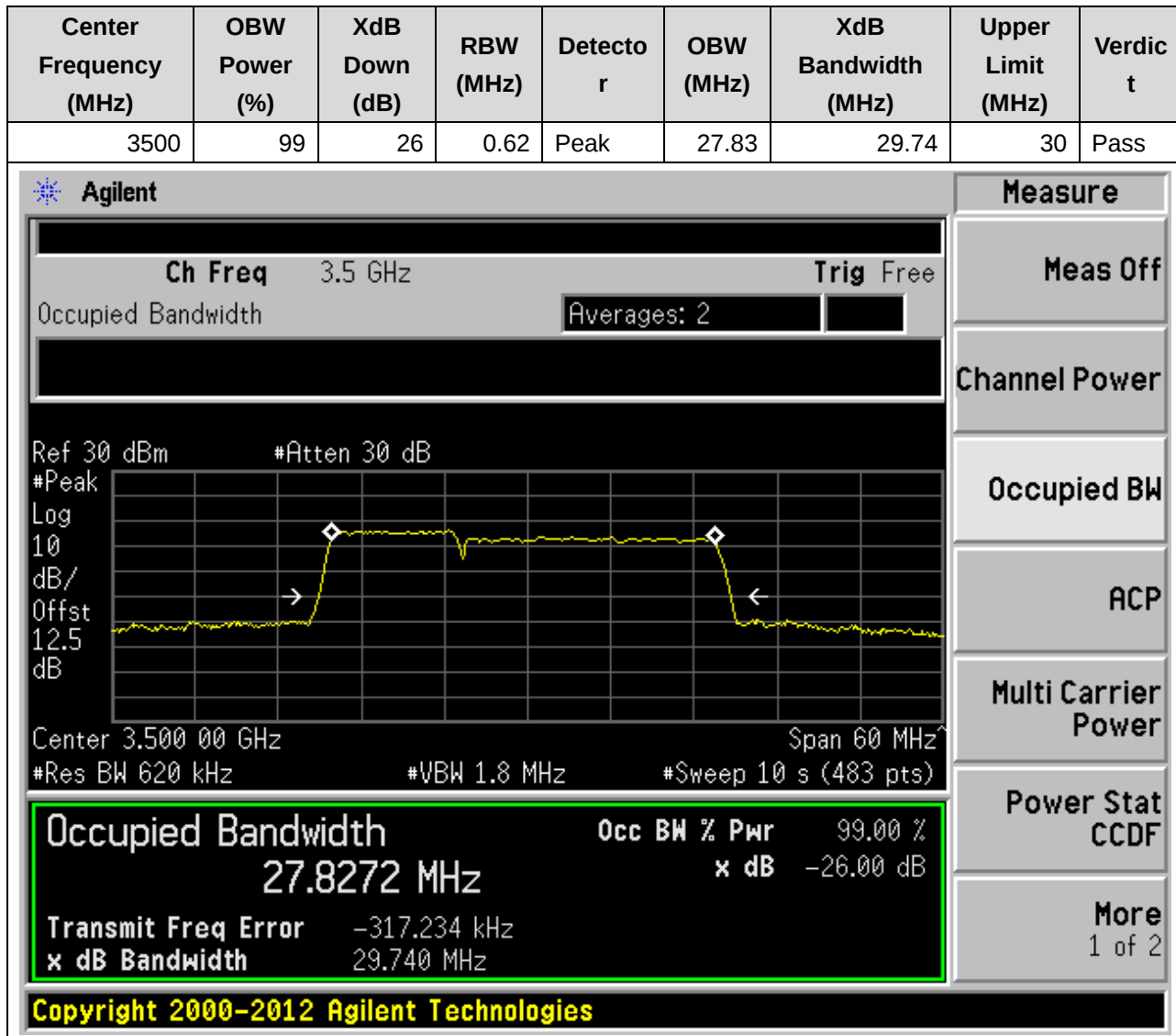
13.3. CA Occupied Bandwidth(NTNV)(Subtest:3, Channel:42569|42686, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



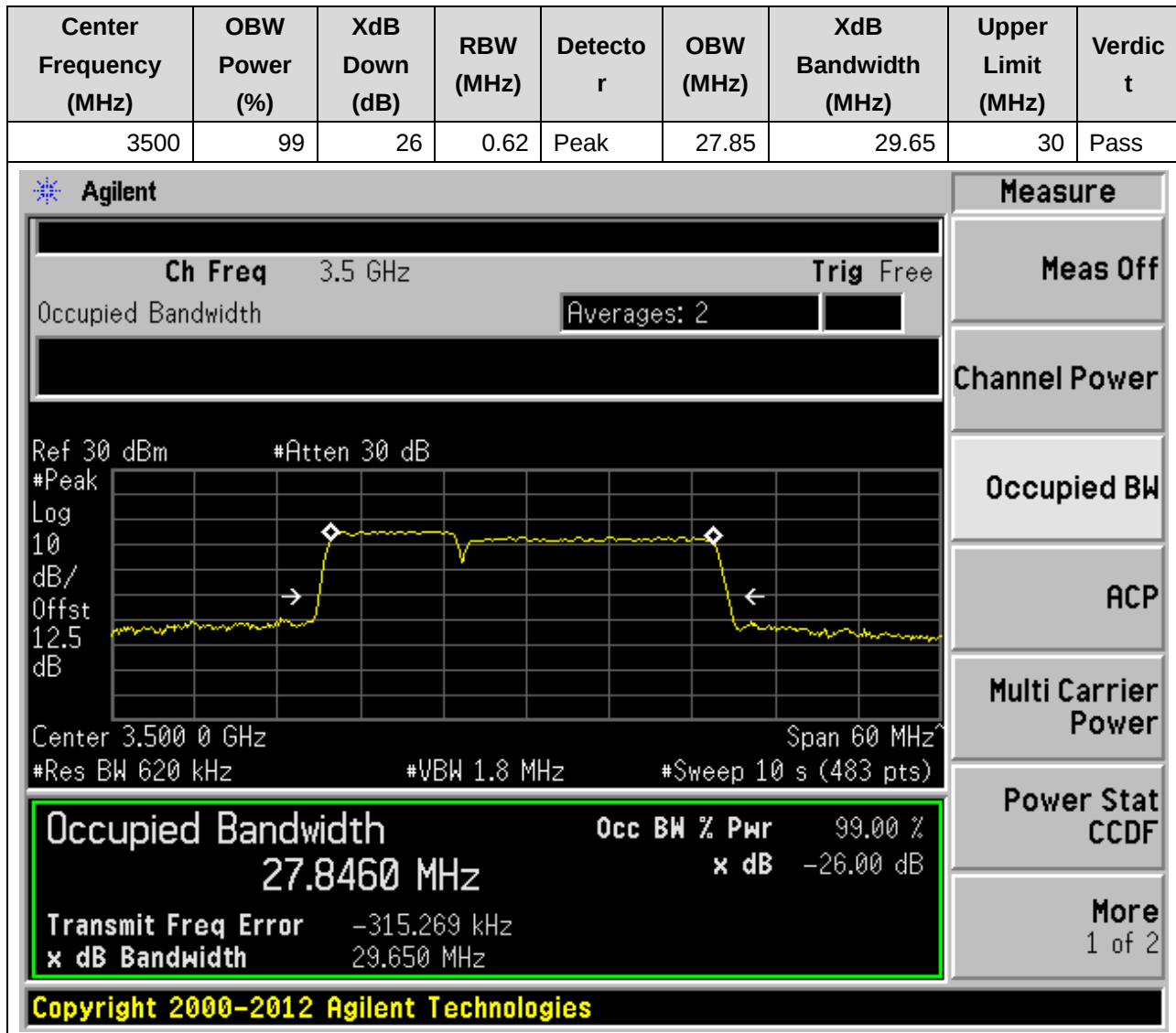
13.4. CA Occupied Bandwidth(NTNV)(Subtest:4, Channel:42569|42686, Bandwidth:20|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



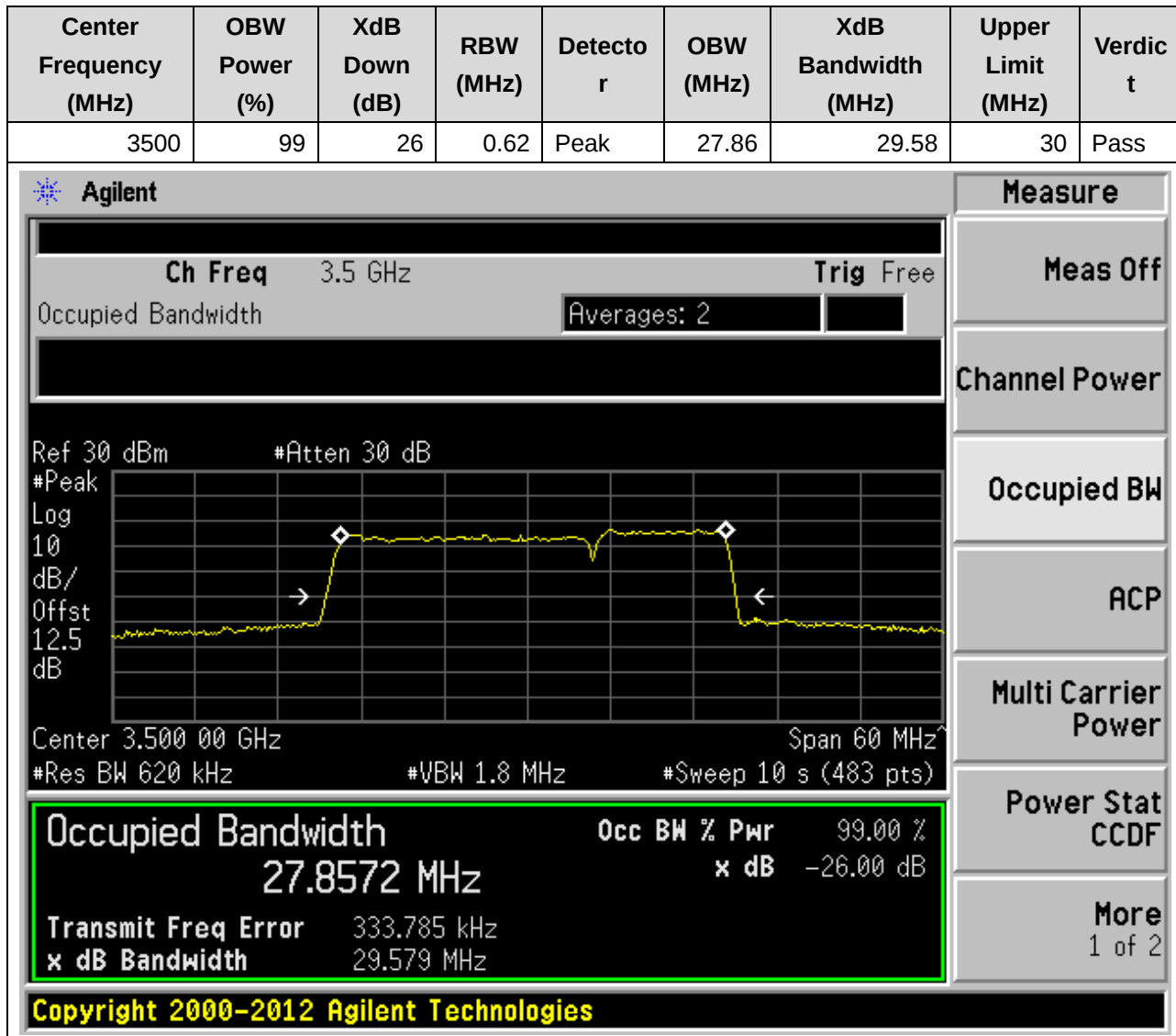
13.5. CA Occupied Bandwidth(NTNV)(Subtest:5, Channel:42493|42637, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



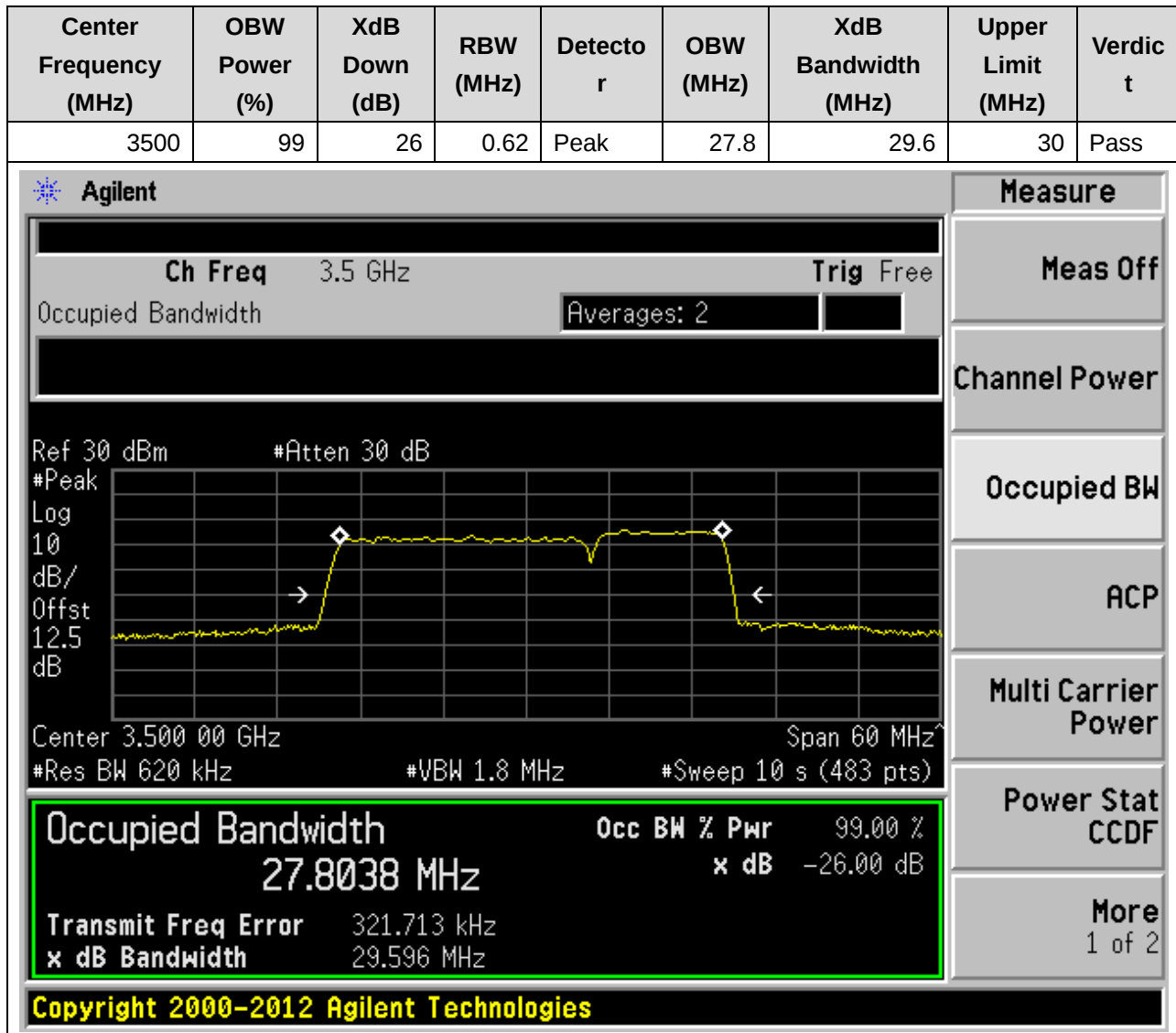
13.6. CA Occupied Bandwidth(NTNV)(Subtest:6, Channel:42493|42637, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



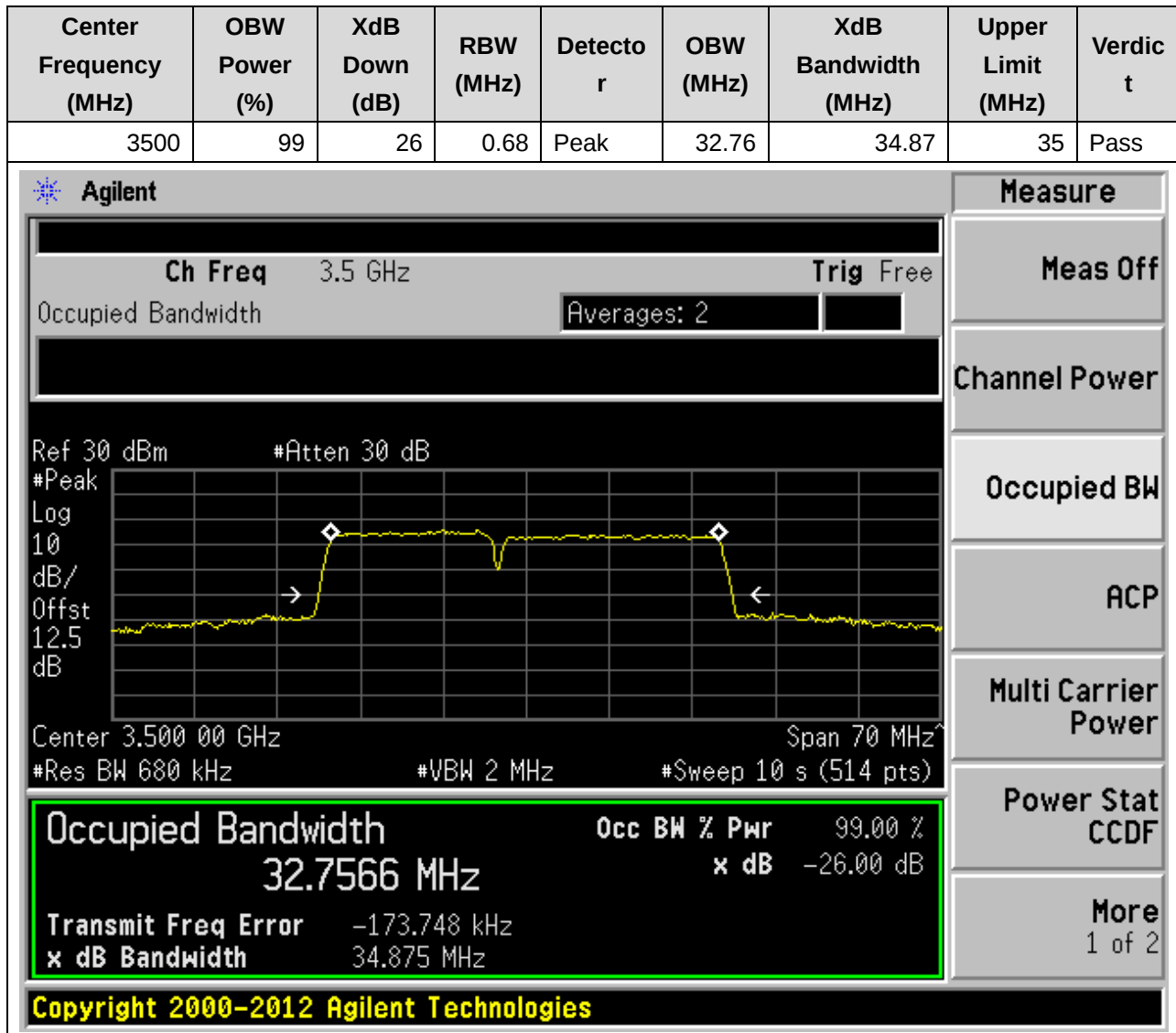
13.7. CA Occupied Bandwidth(NTNV)(Subtest:7, Channel:42543|42687, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



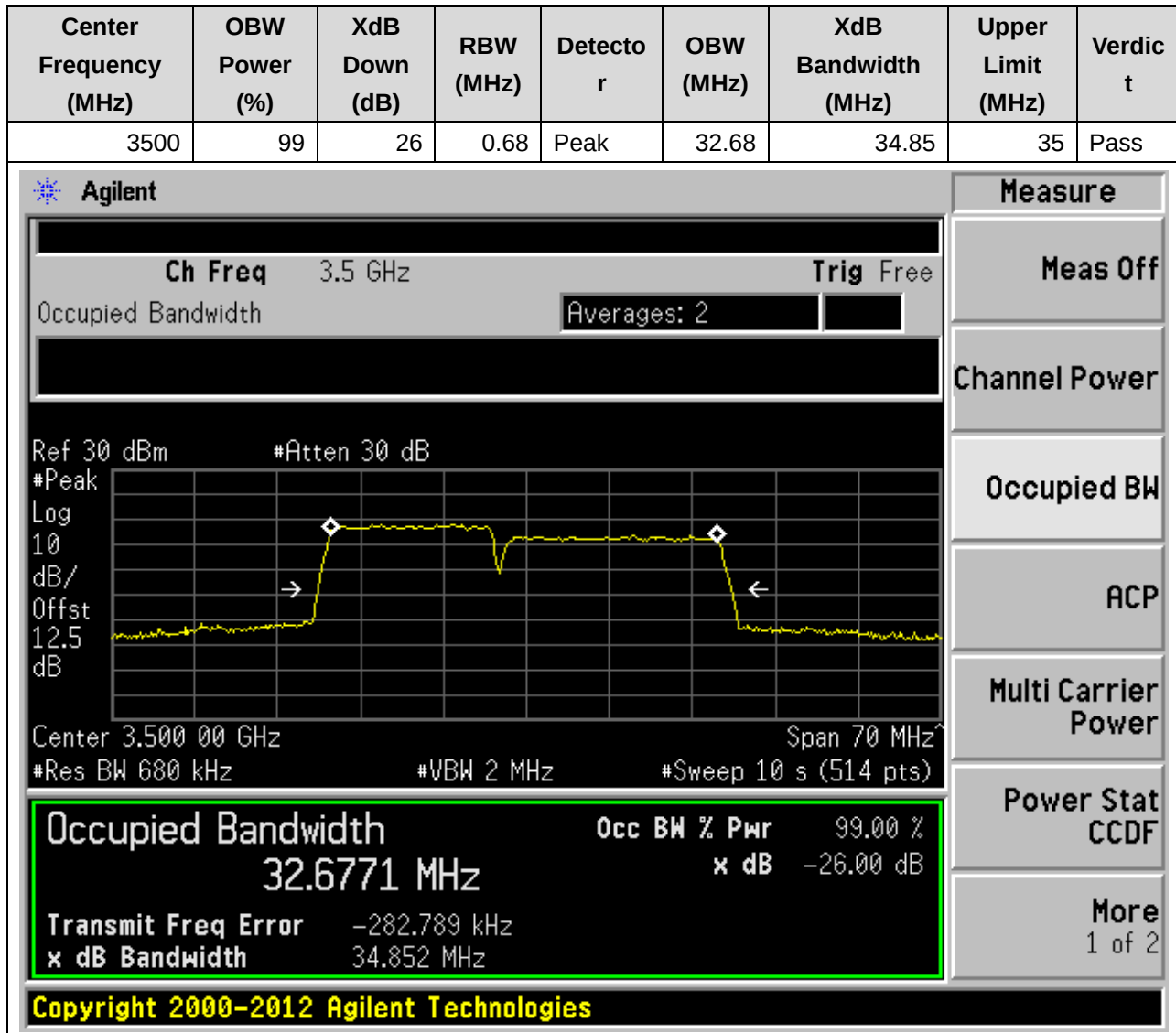
13.8. CA Occupied Bandwidth(NTNV)(Subtest:8, Channel:42543|42687, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



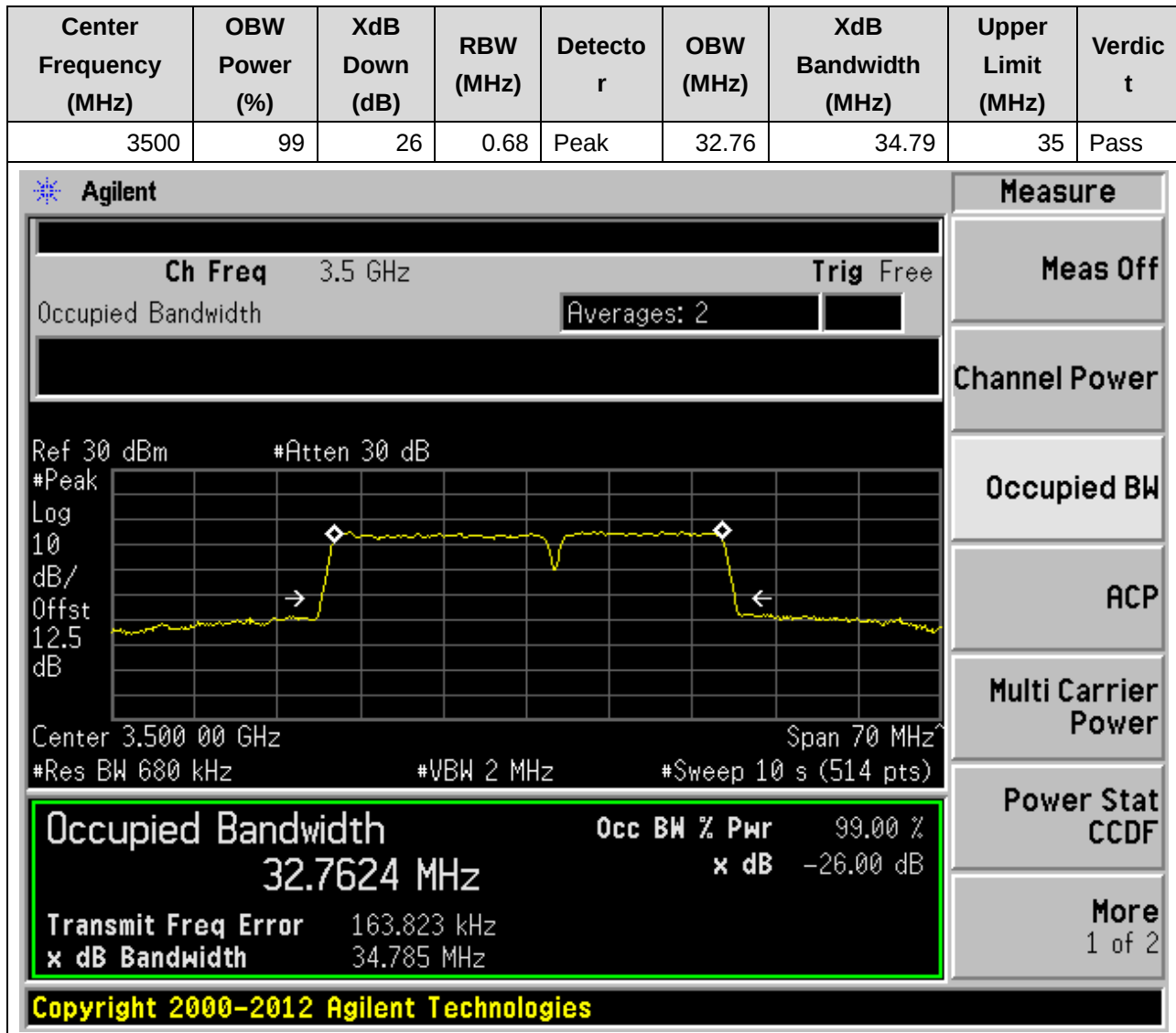
13.9. CA Occupied Bandwidth(NTNV)(Subtest:9, Channel:42492|42663, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



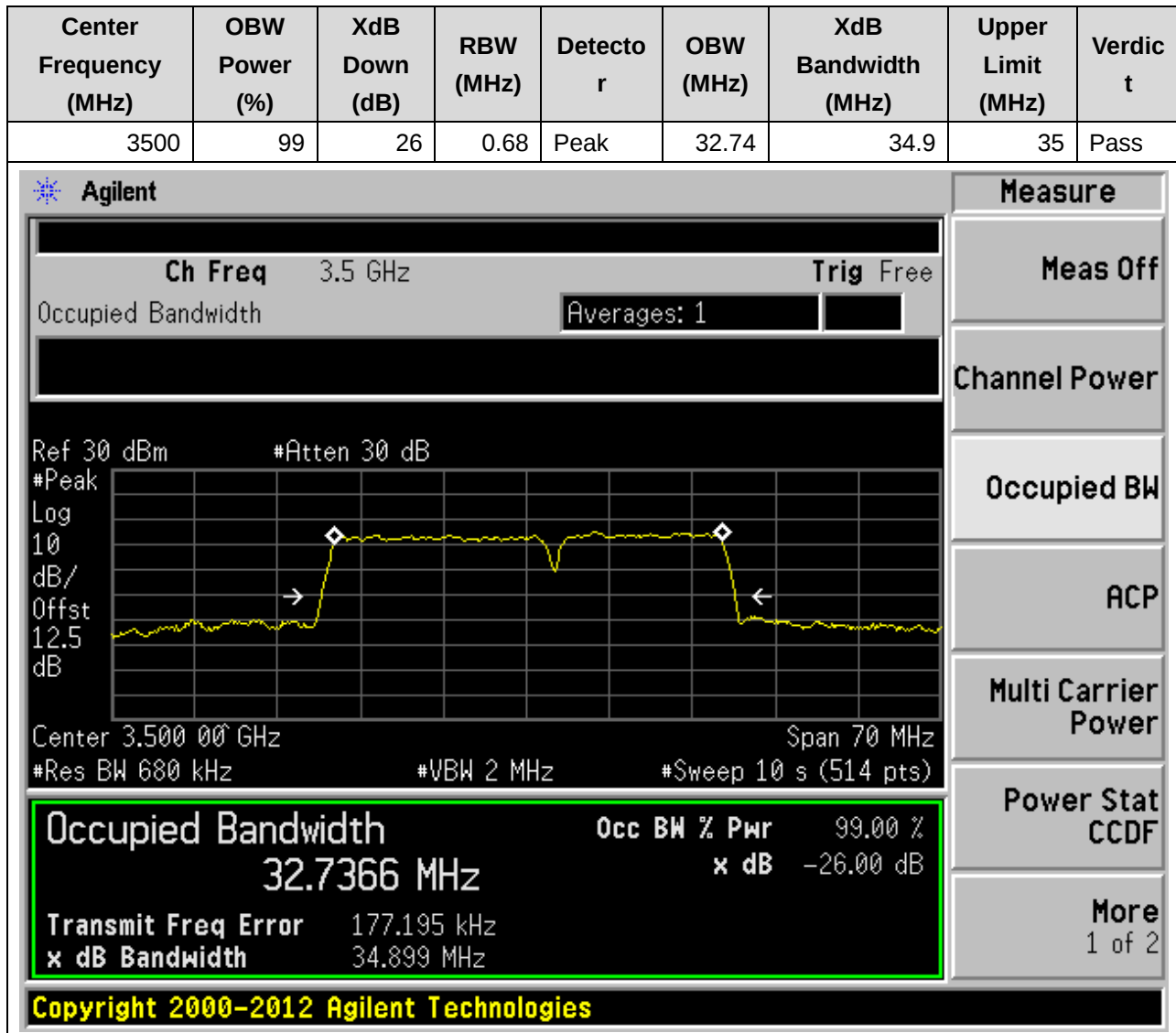
13.10. CA Occupied Bandwidth(NTNV)(Subtest:10, Channel:42492|42663, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



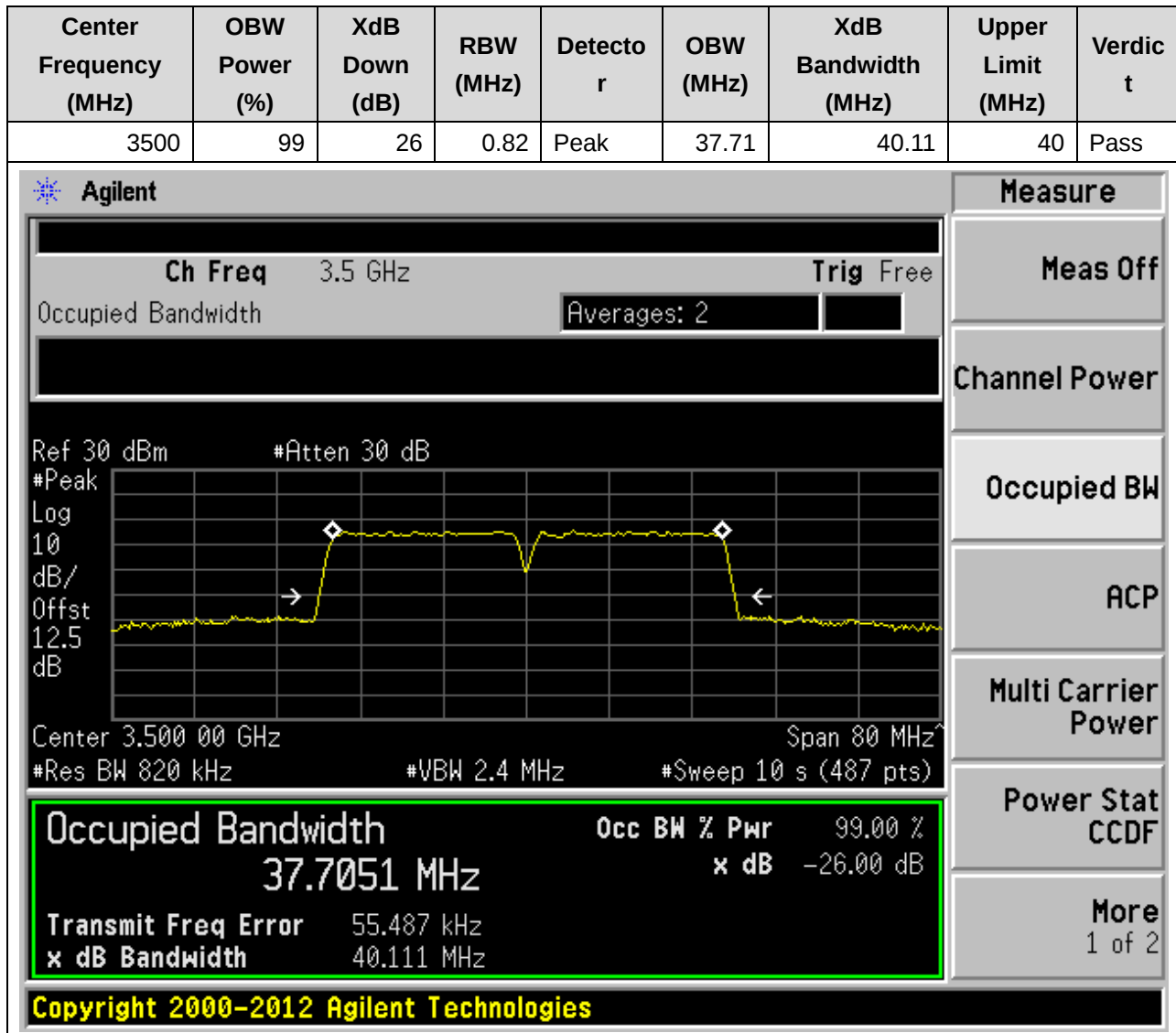
13.11. CA Occupied Bandwidth(NTNV)(Subtest:11, Channel:42517|42688, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



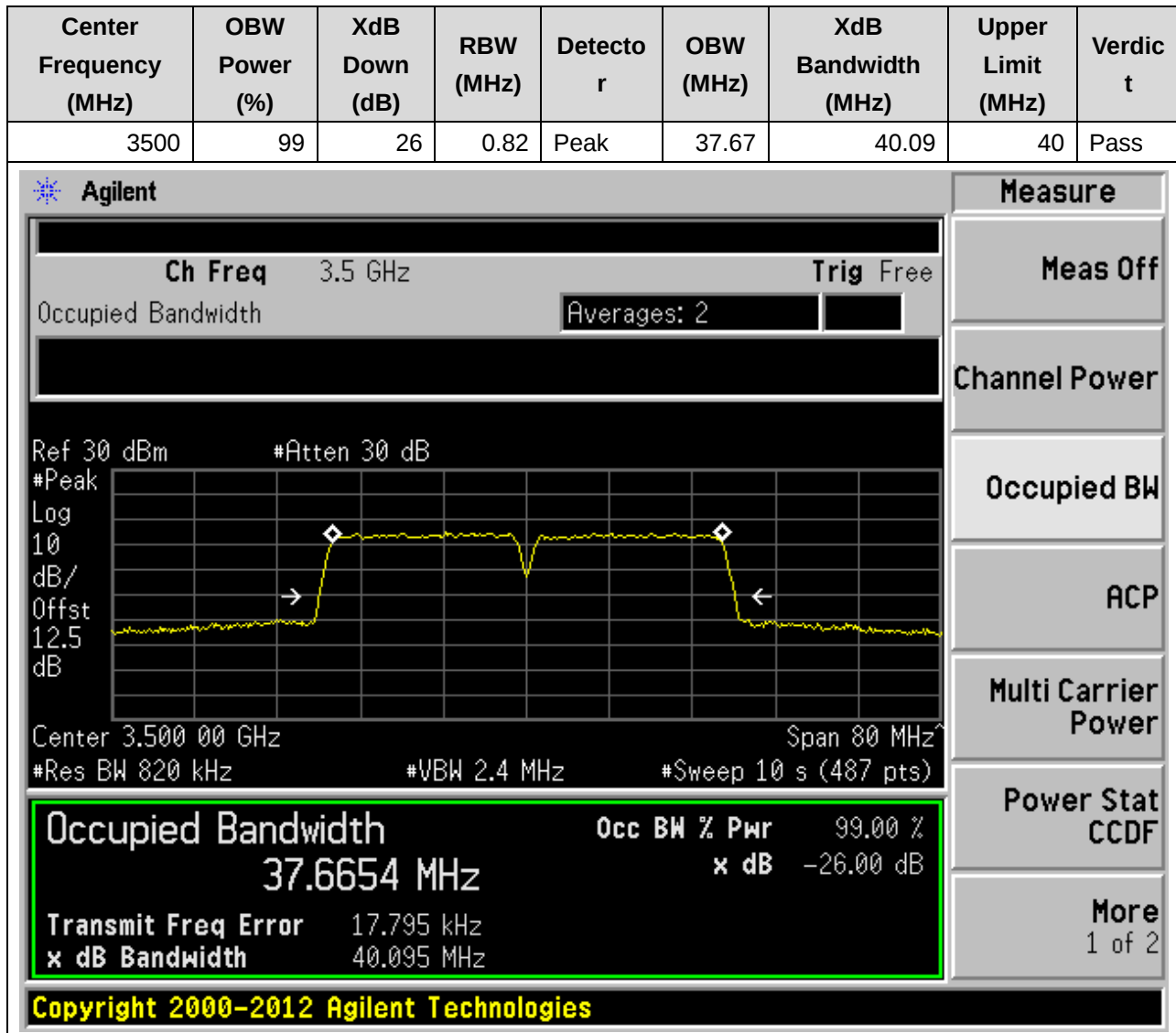
13.12. CA Occupied Bandwidth(NTNV)(Subtest:12, Channel:42517|42688, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



13.13. CA Occupied Bandwidth(NTNV)(Subtest:13, Channel:42491|42689, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



13.14. CA Occupied Bandwidth(NTNV)(Subtest:14, Channel:42491|42689, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



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