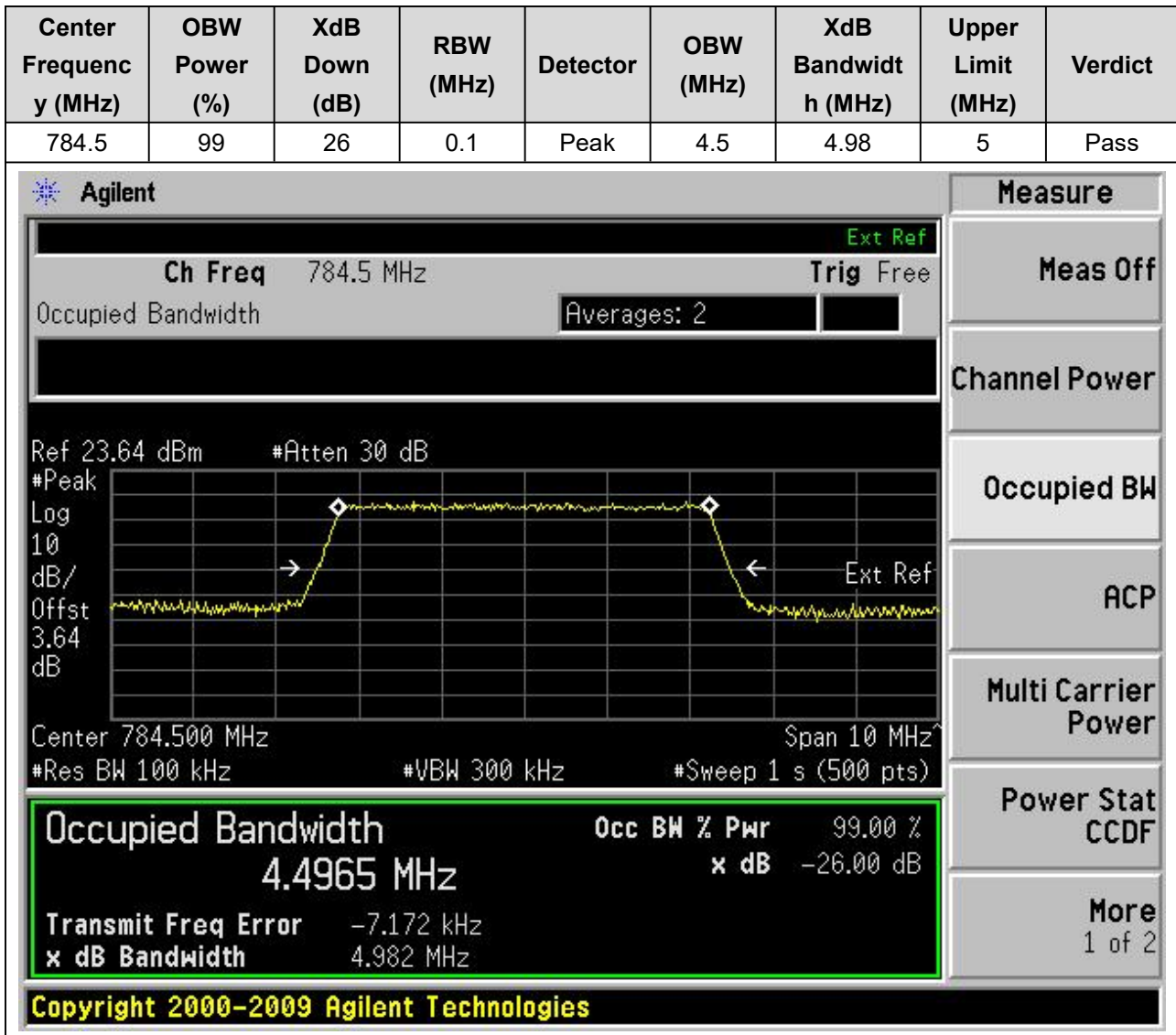
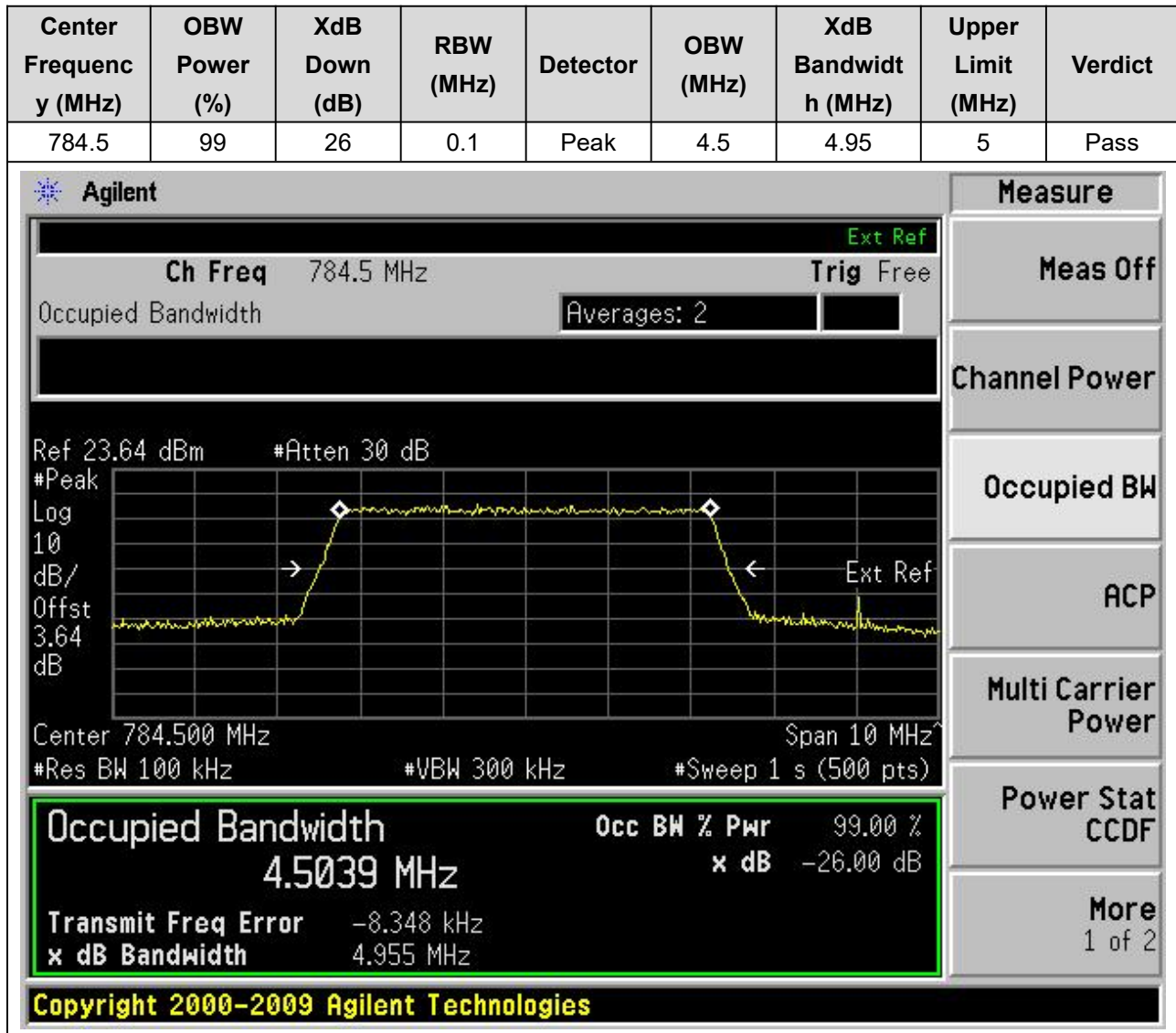


Occupied Bandwidth

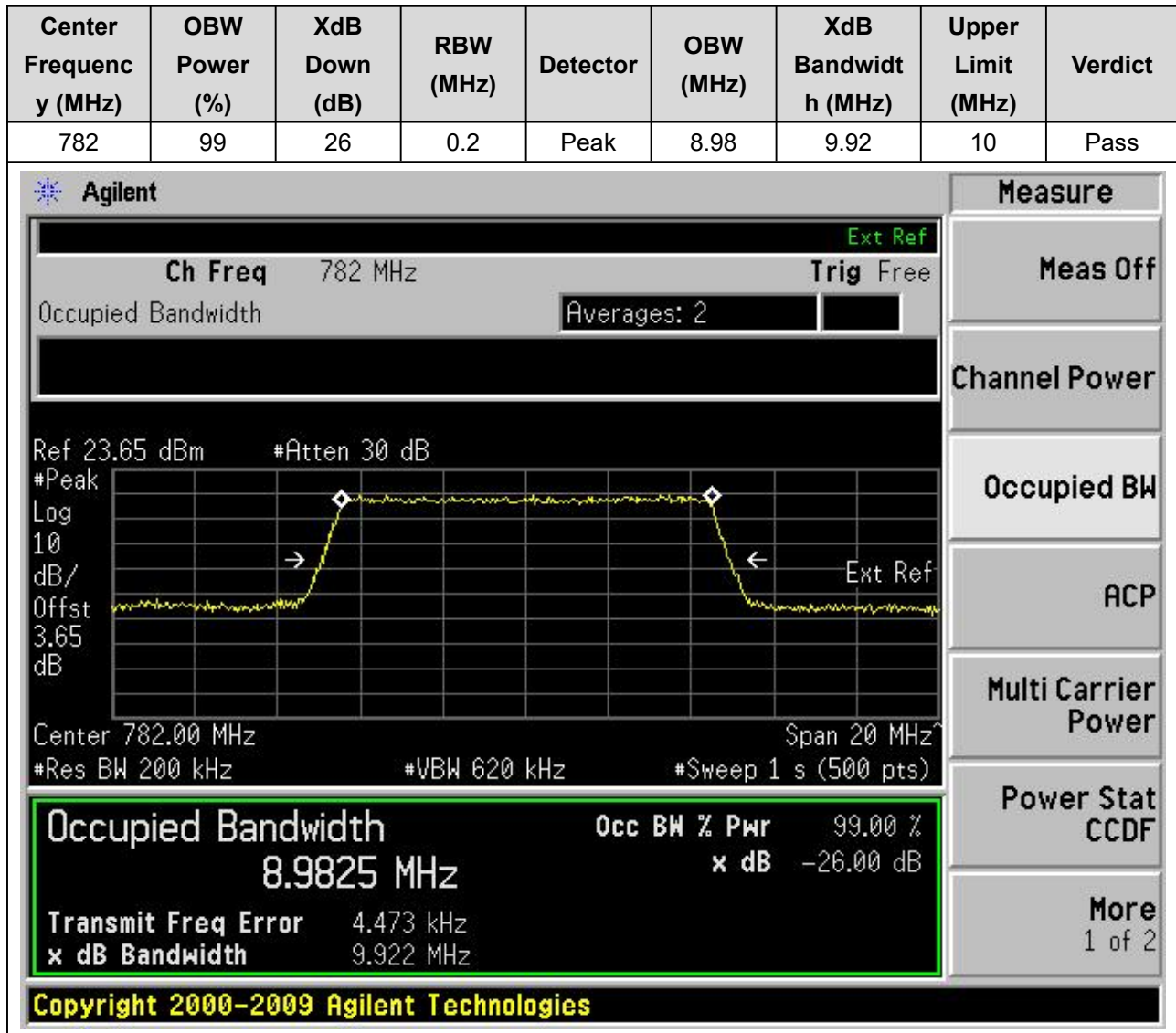
10.11 LTE Occupied Bandwidth_Part22-24-27(added
64QAM&256QAM)(NTNV)(Channel:23255, Bandwidth:5, Modulation:64QAM, RB
Number:25, RB Position:0)



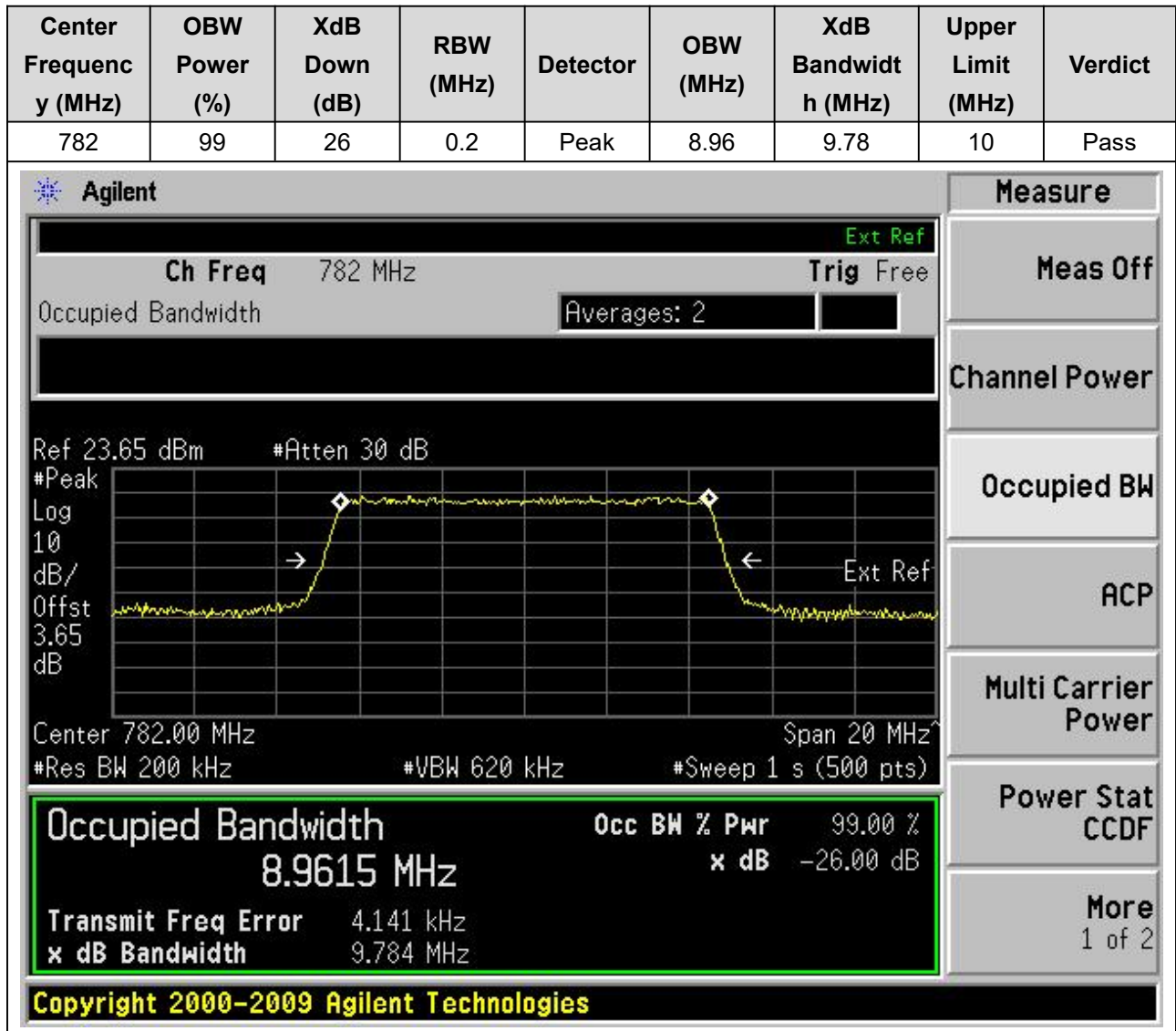
10.12 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23255, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)



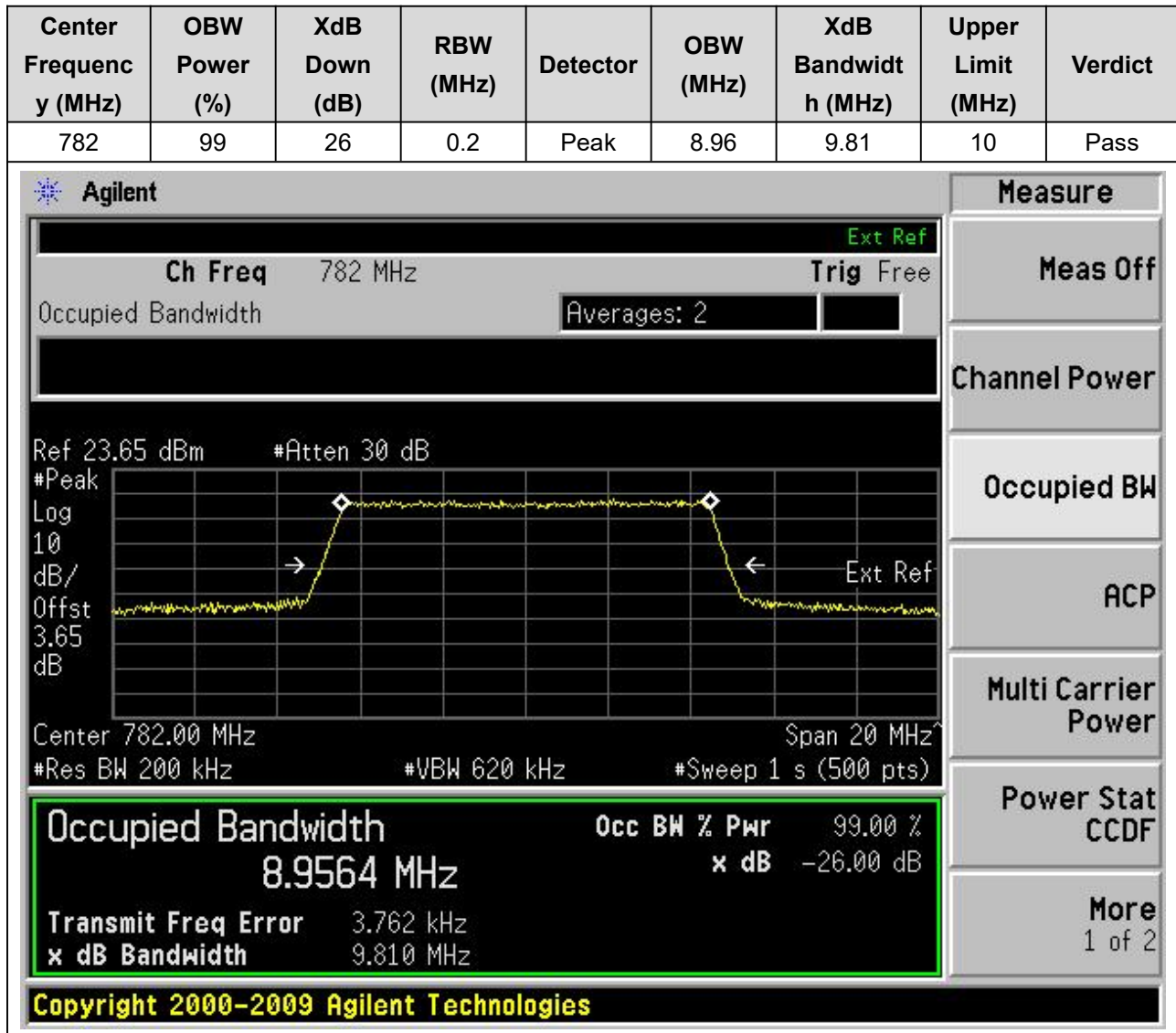
10.13 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



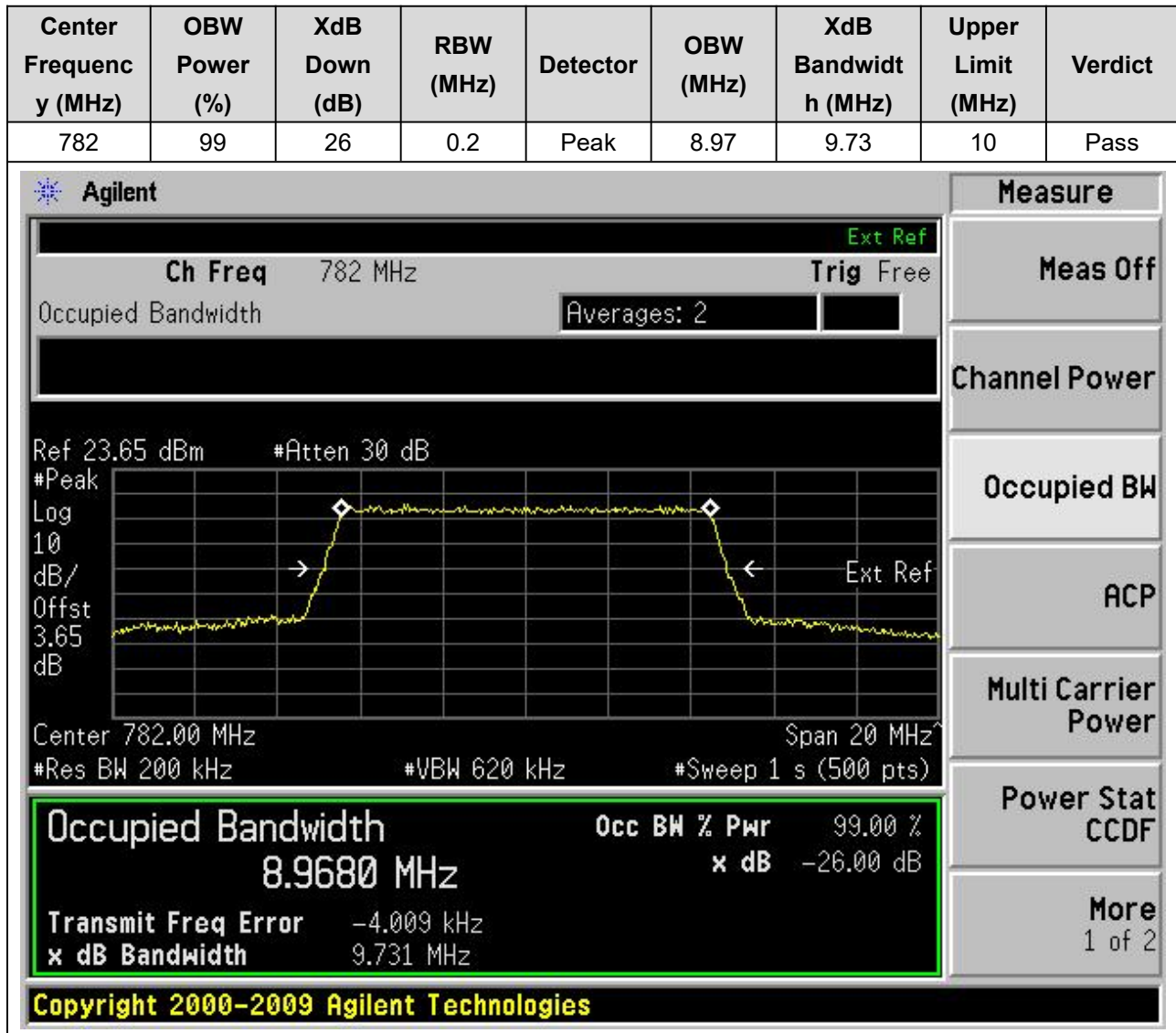
10.14 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



10.15 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23230, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

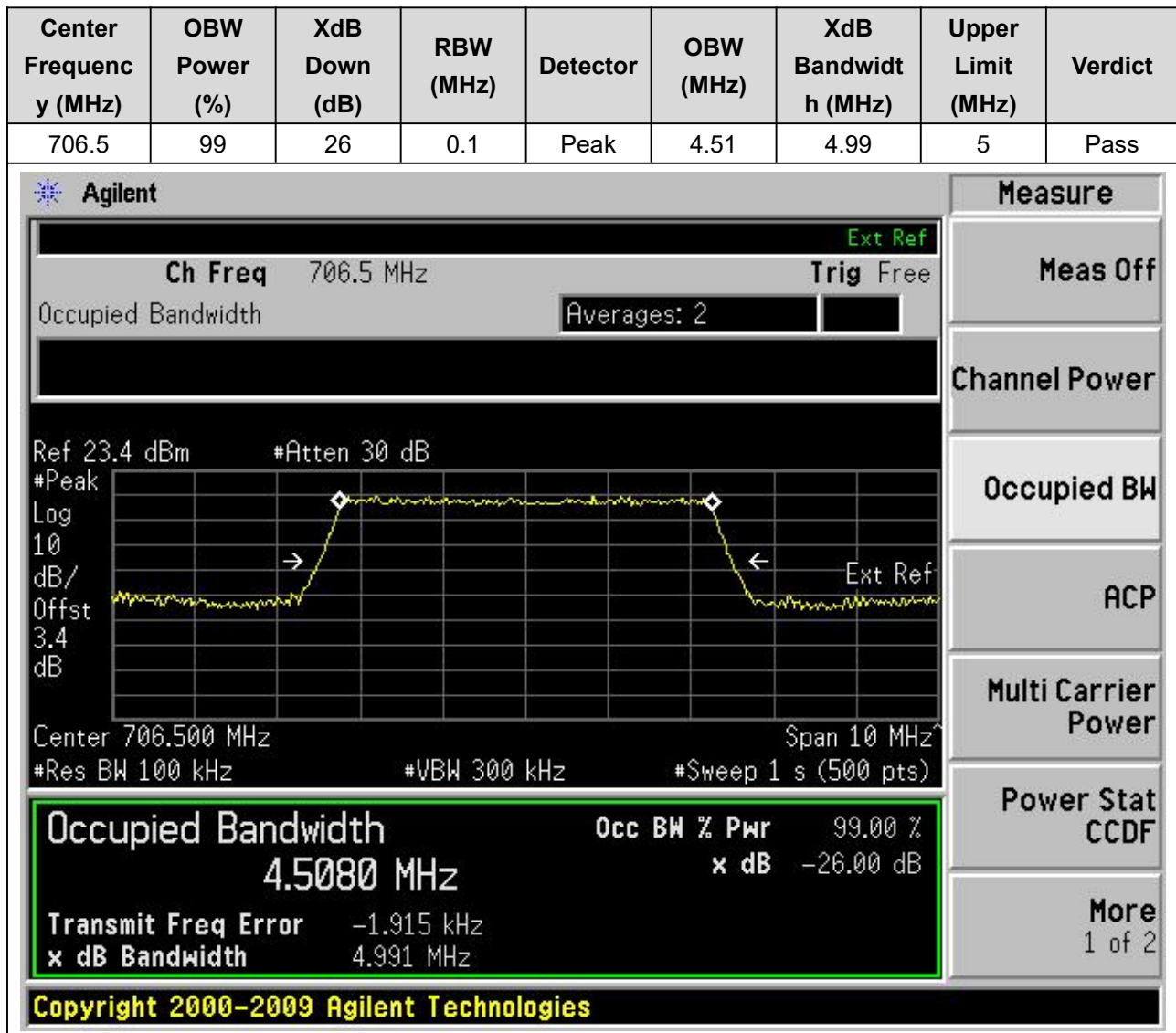


10.16 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23230, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

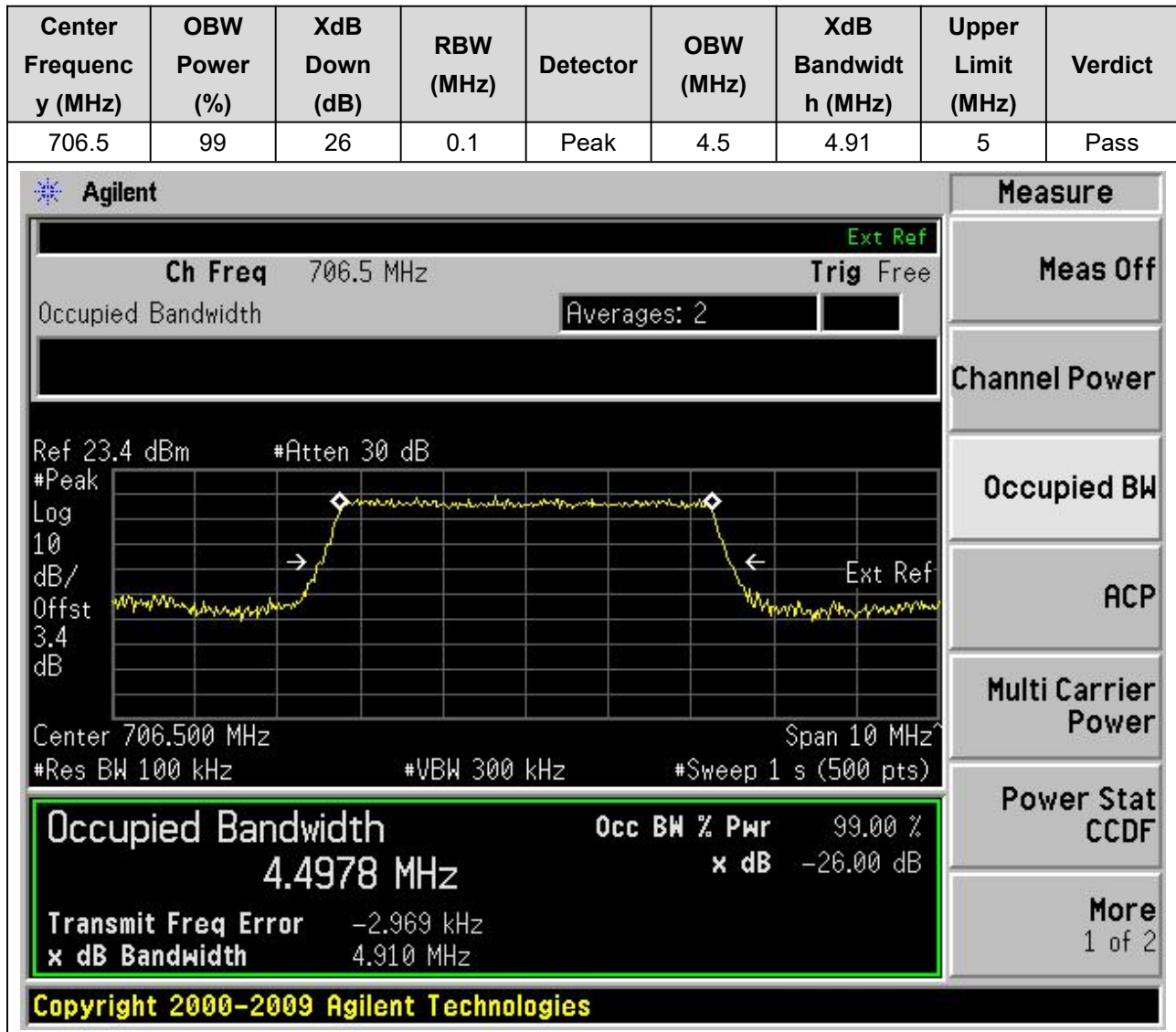


11. LTE_Band17

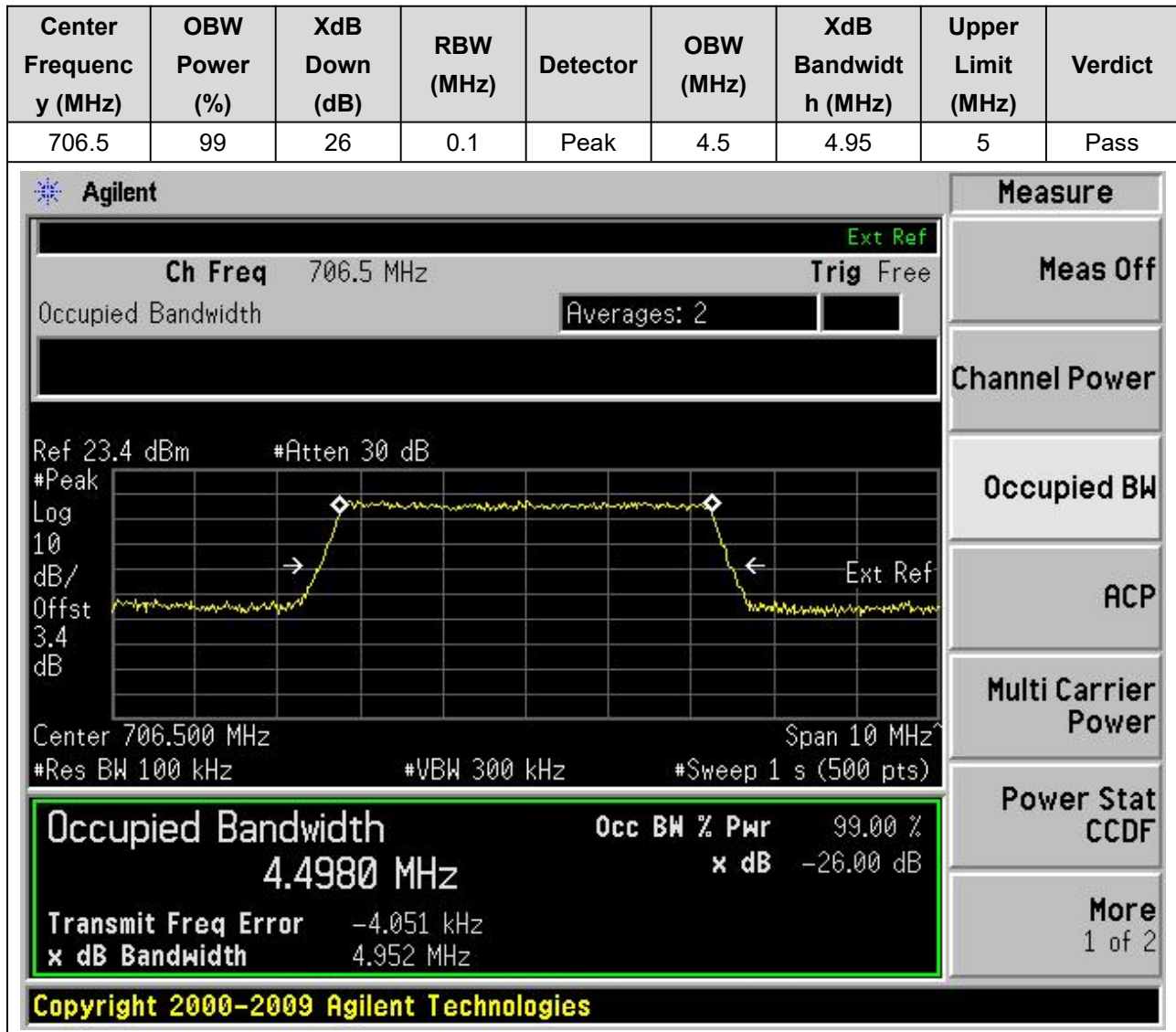
11.1 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



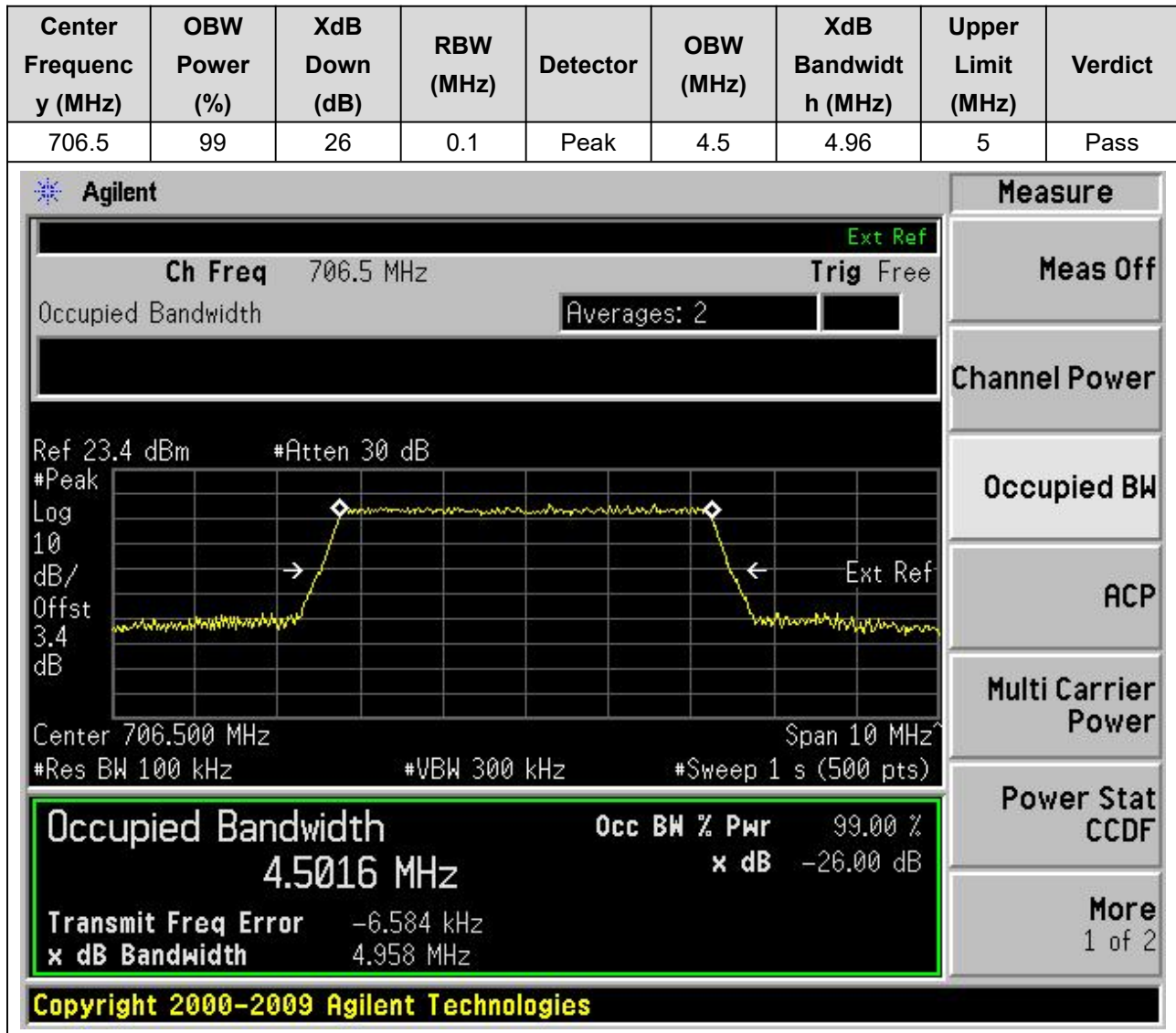
11.2 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23755, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)



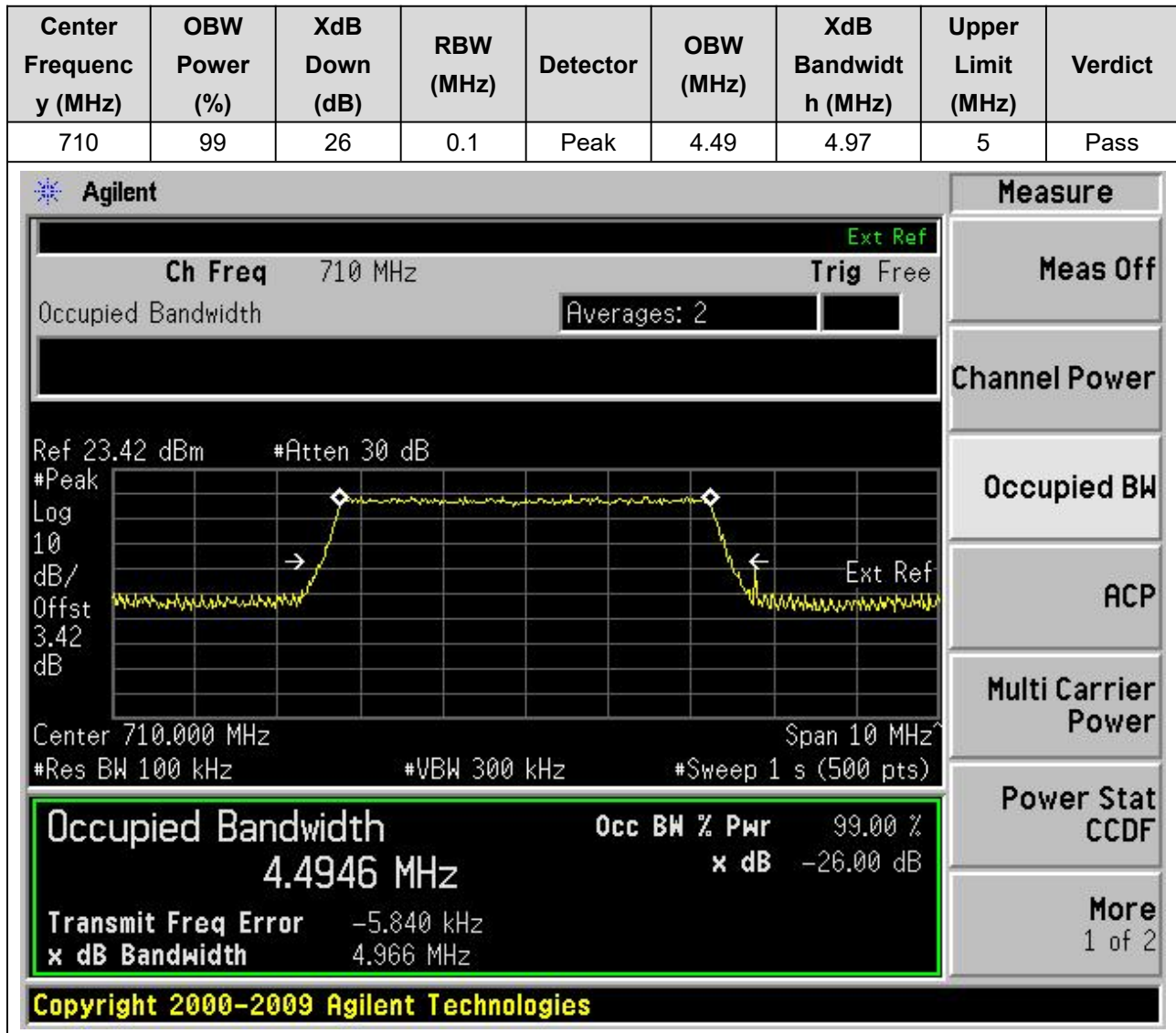
11.3 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23755, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



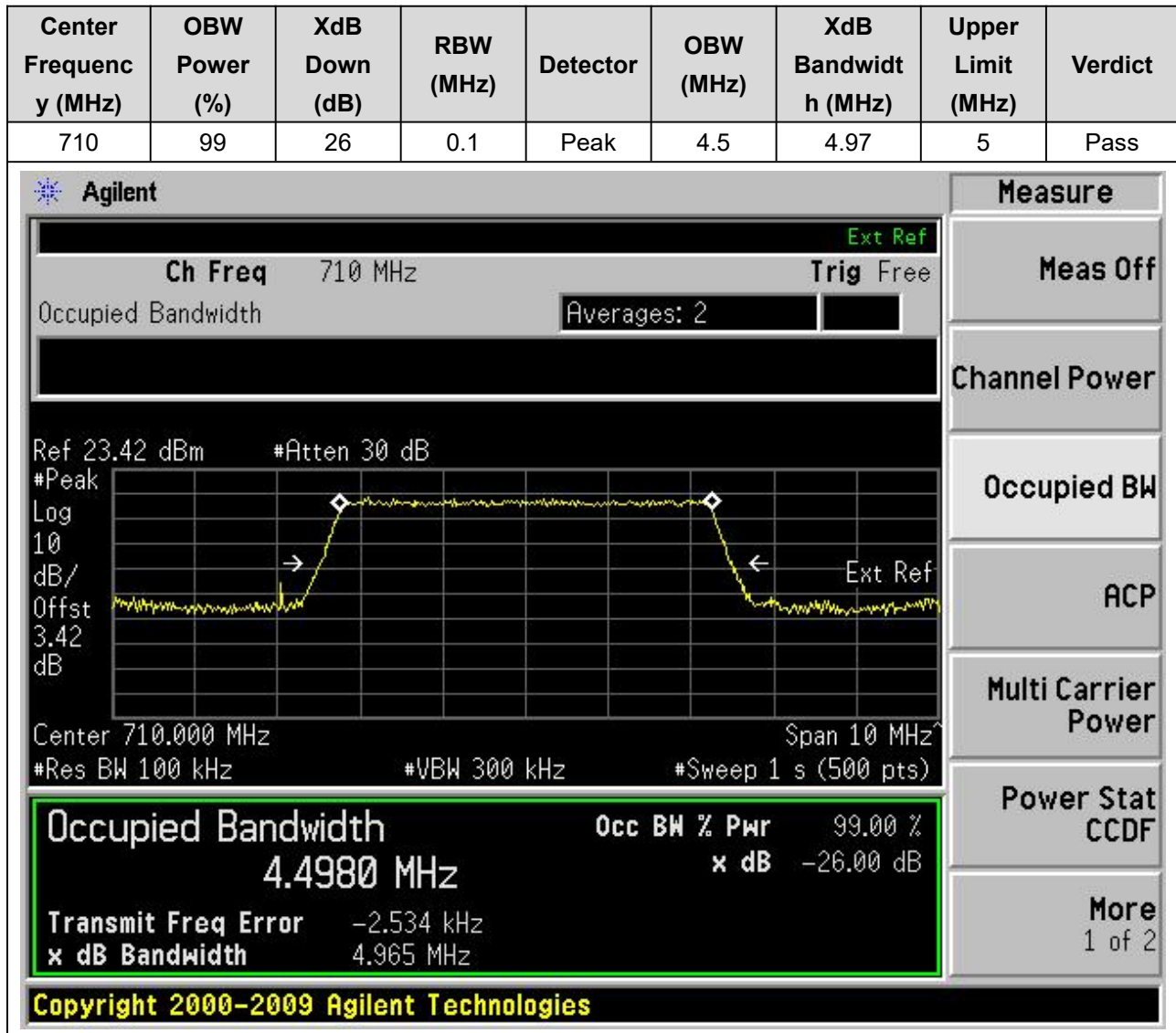
11.4 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23755, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)



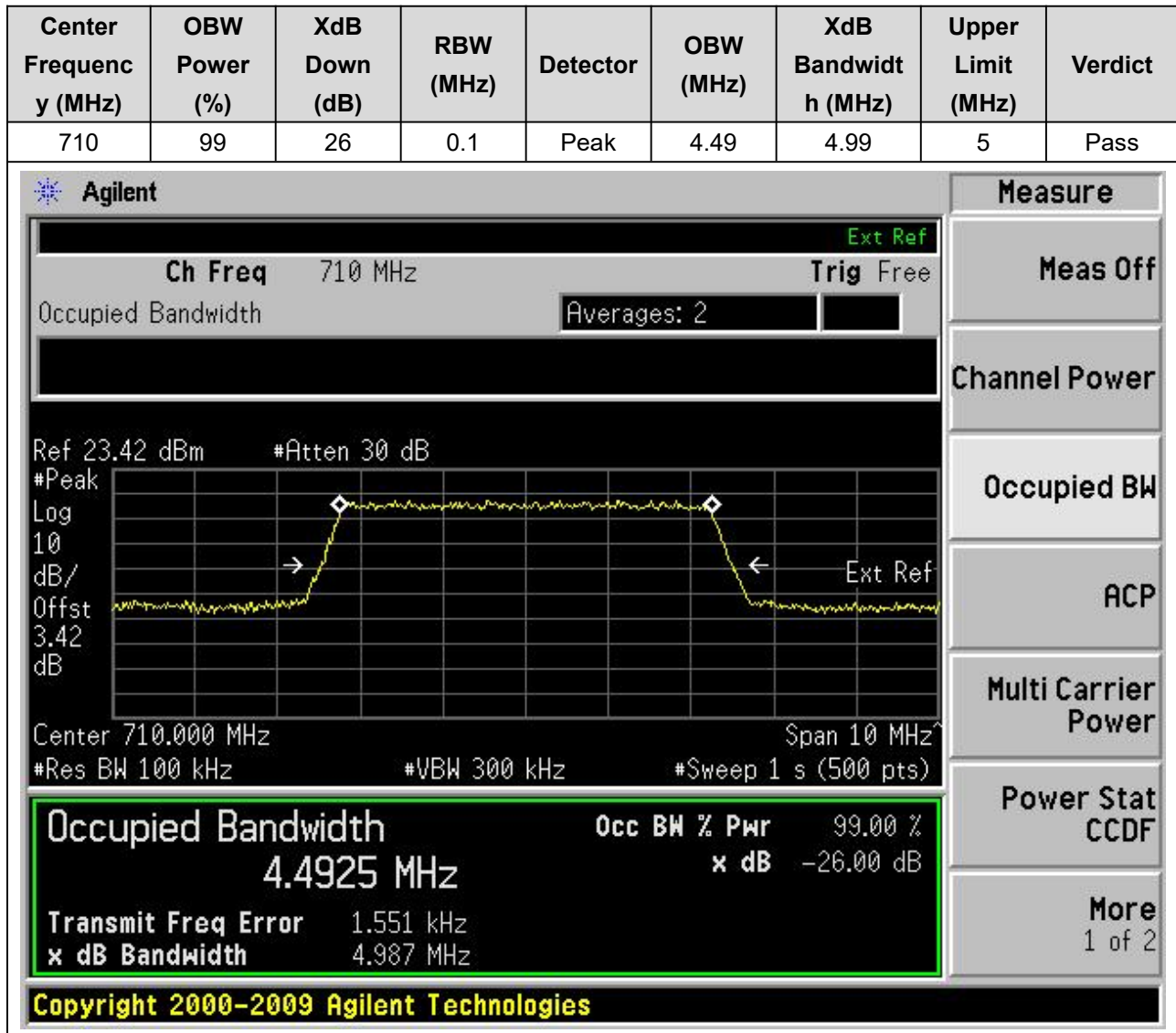
11.5 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



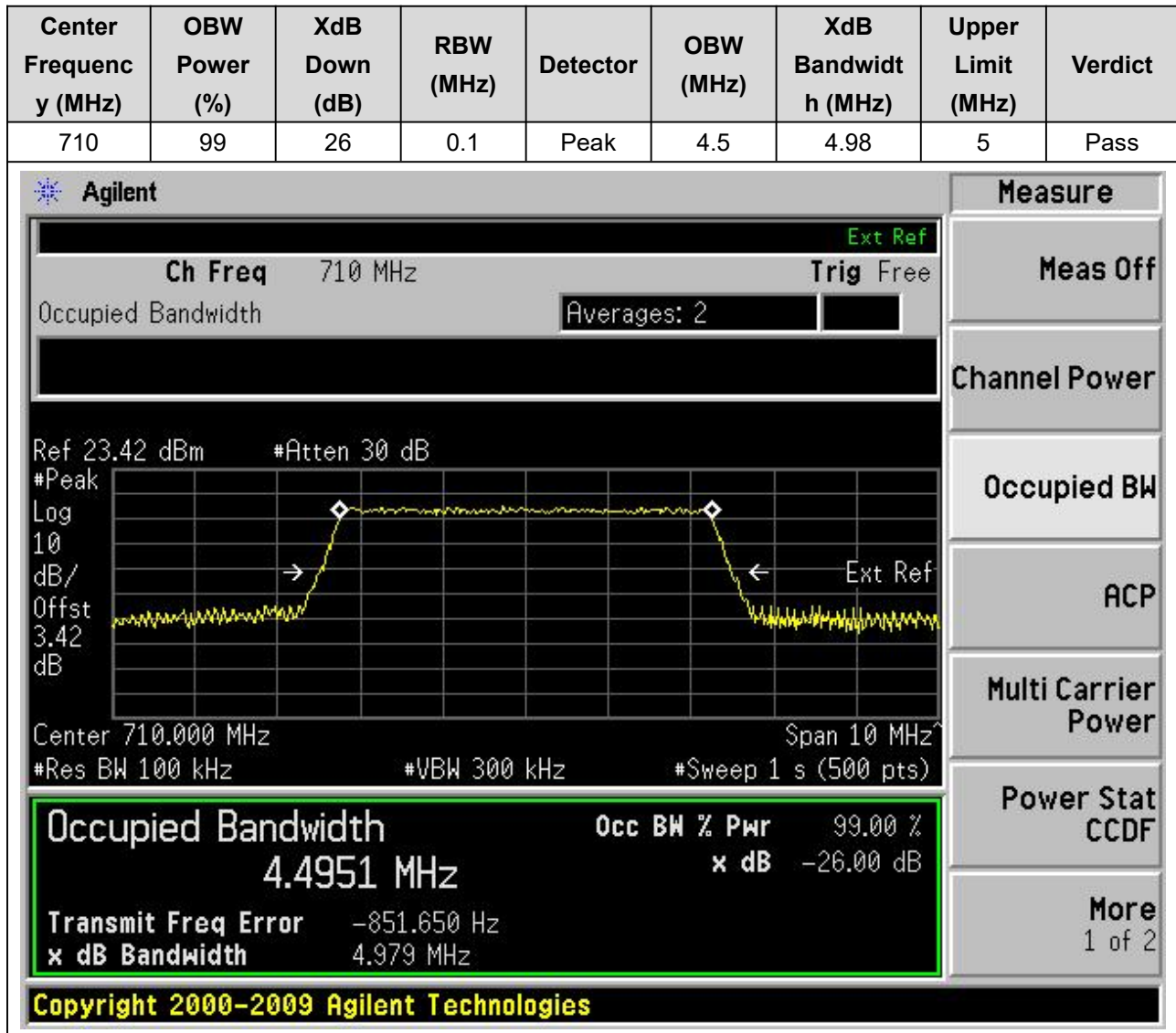
11.6 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)



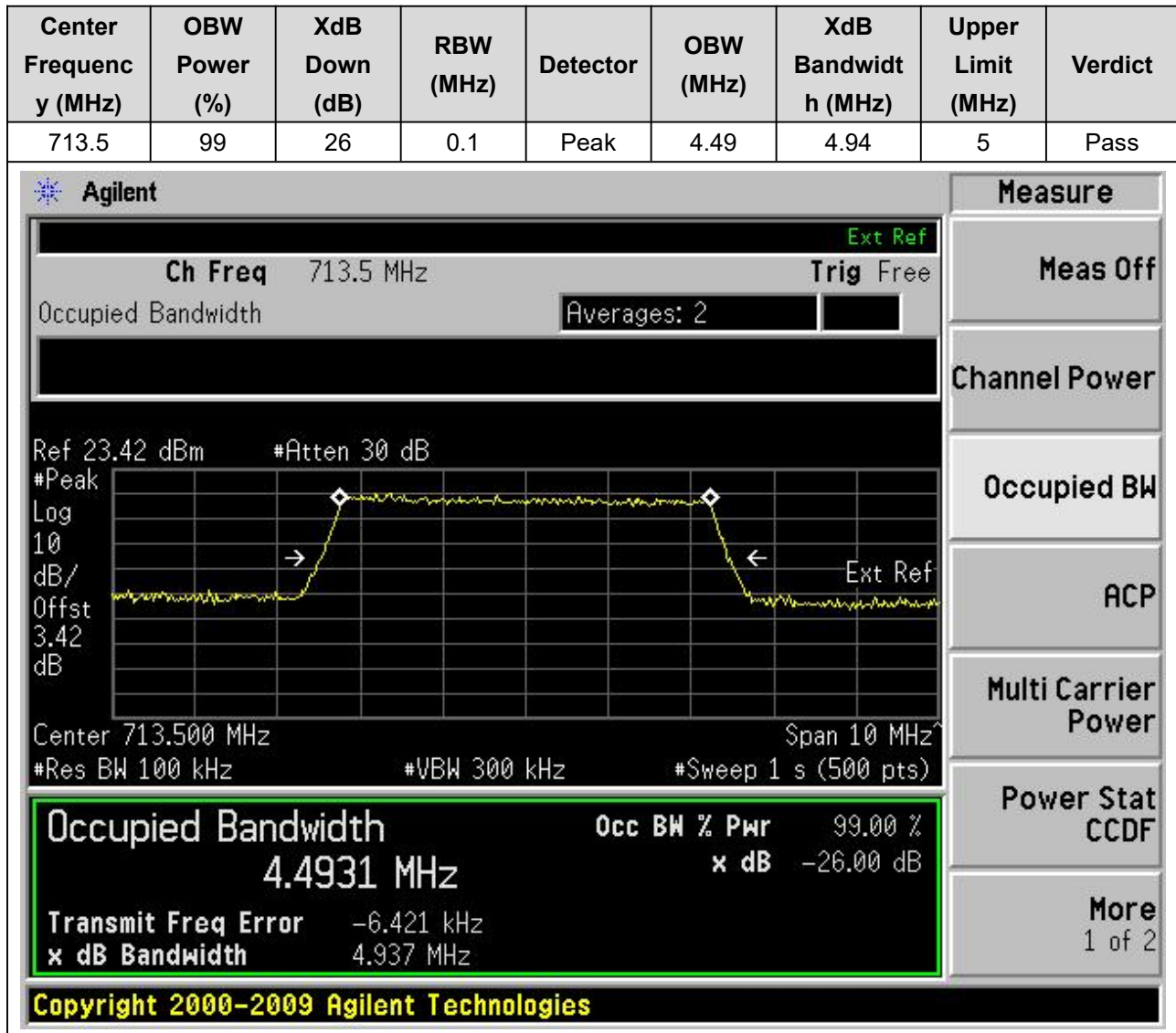
11.7 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



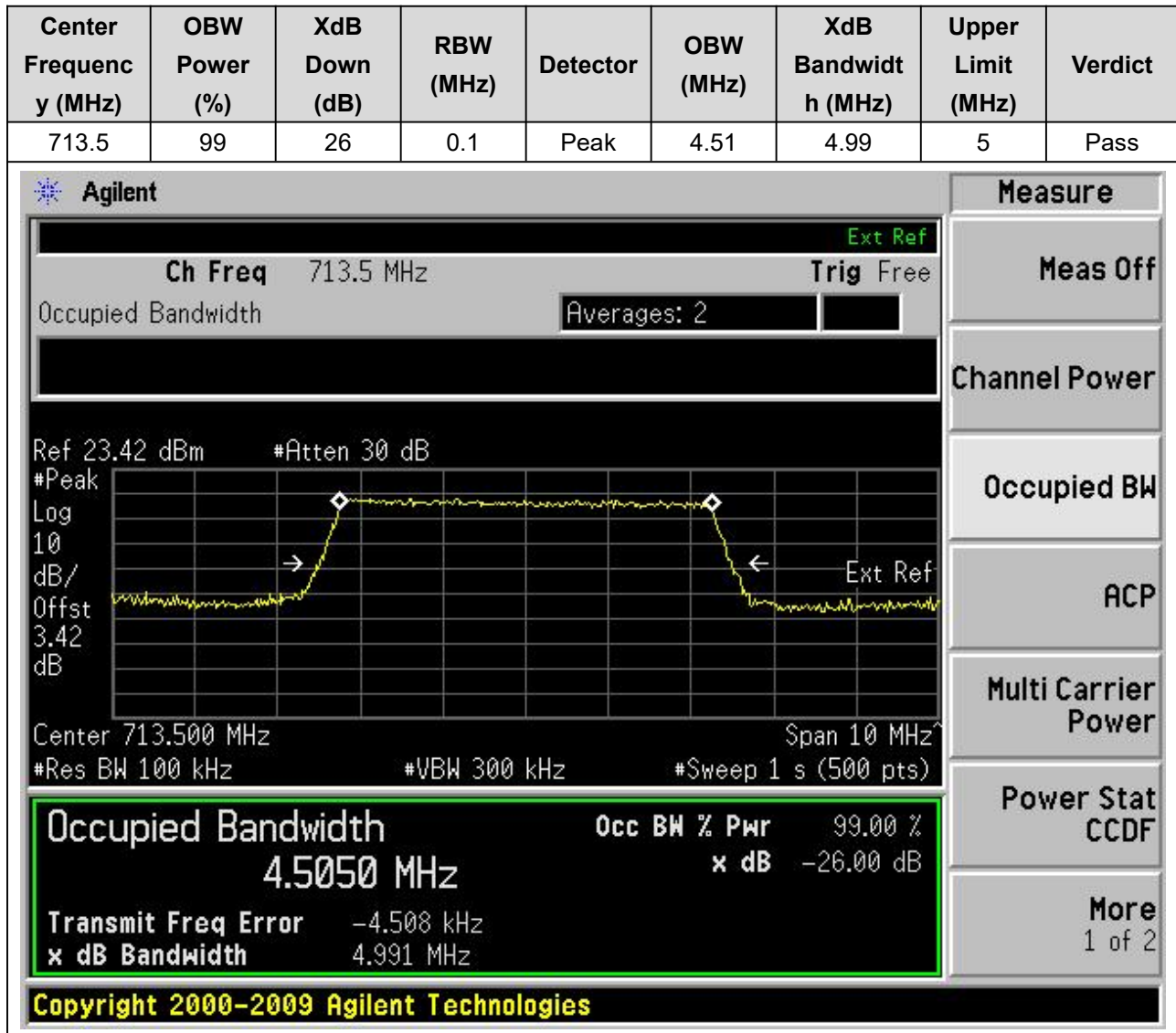
11.8 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)



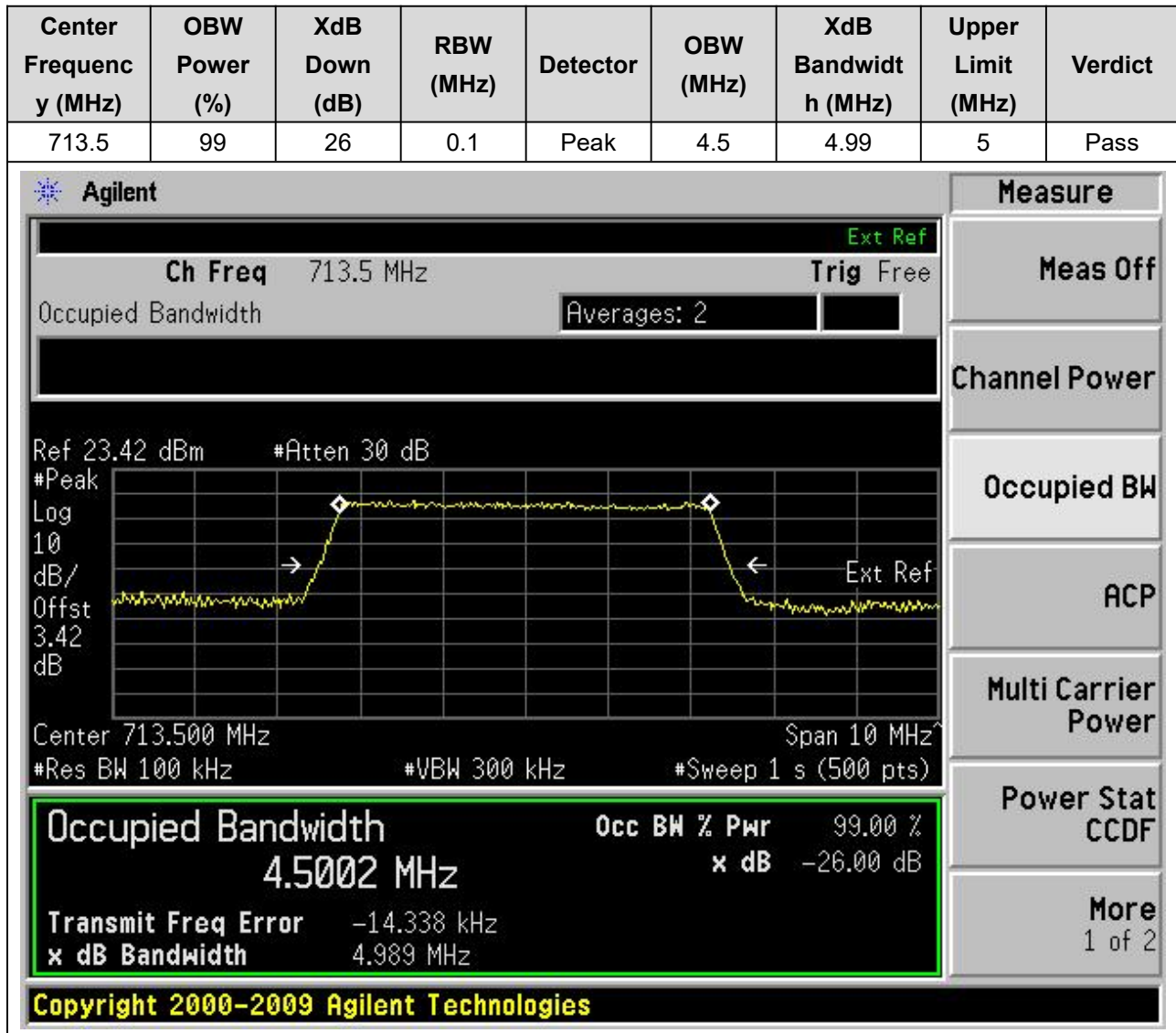
11.9 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



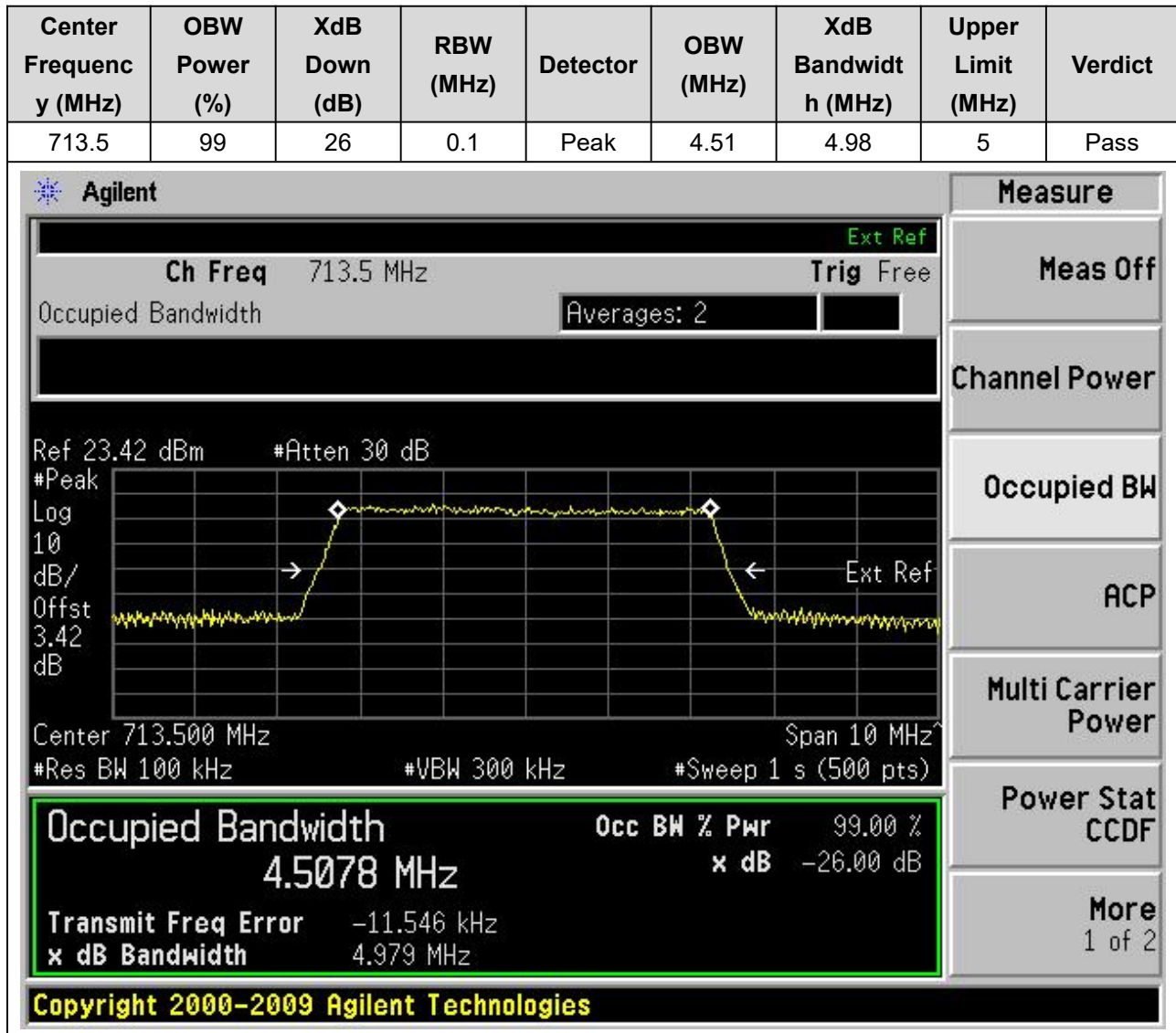
11.10 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23825, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)



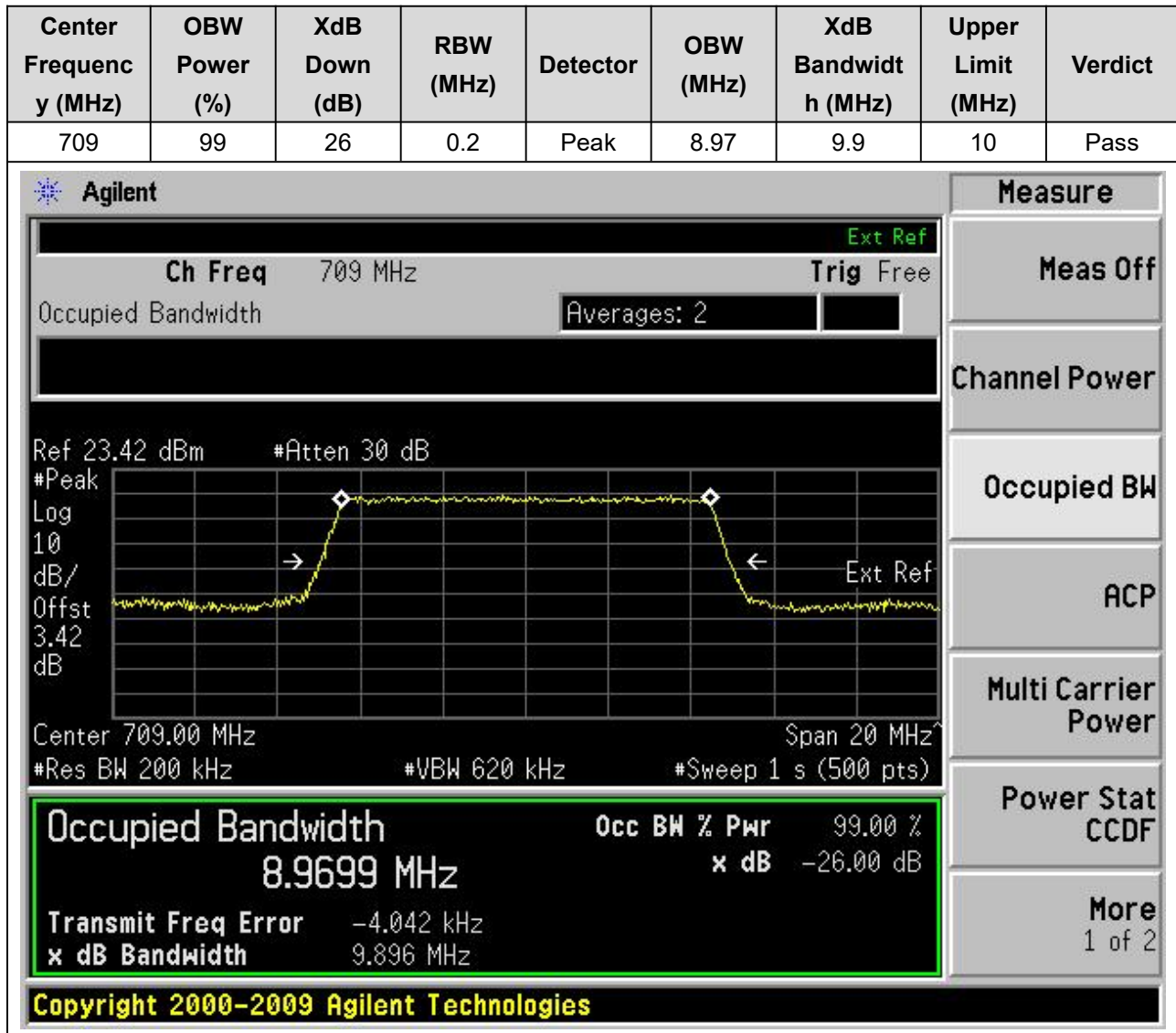
11.11 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23825, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



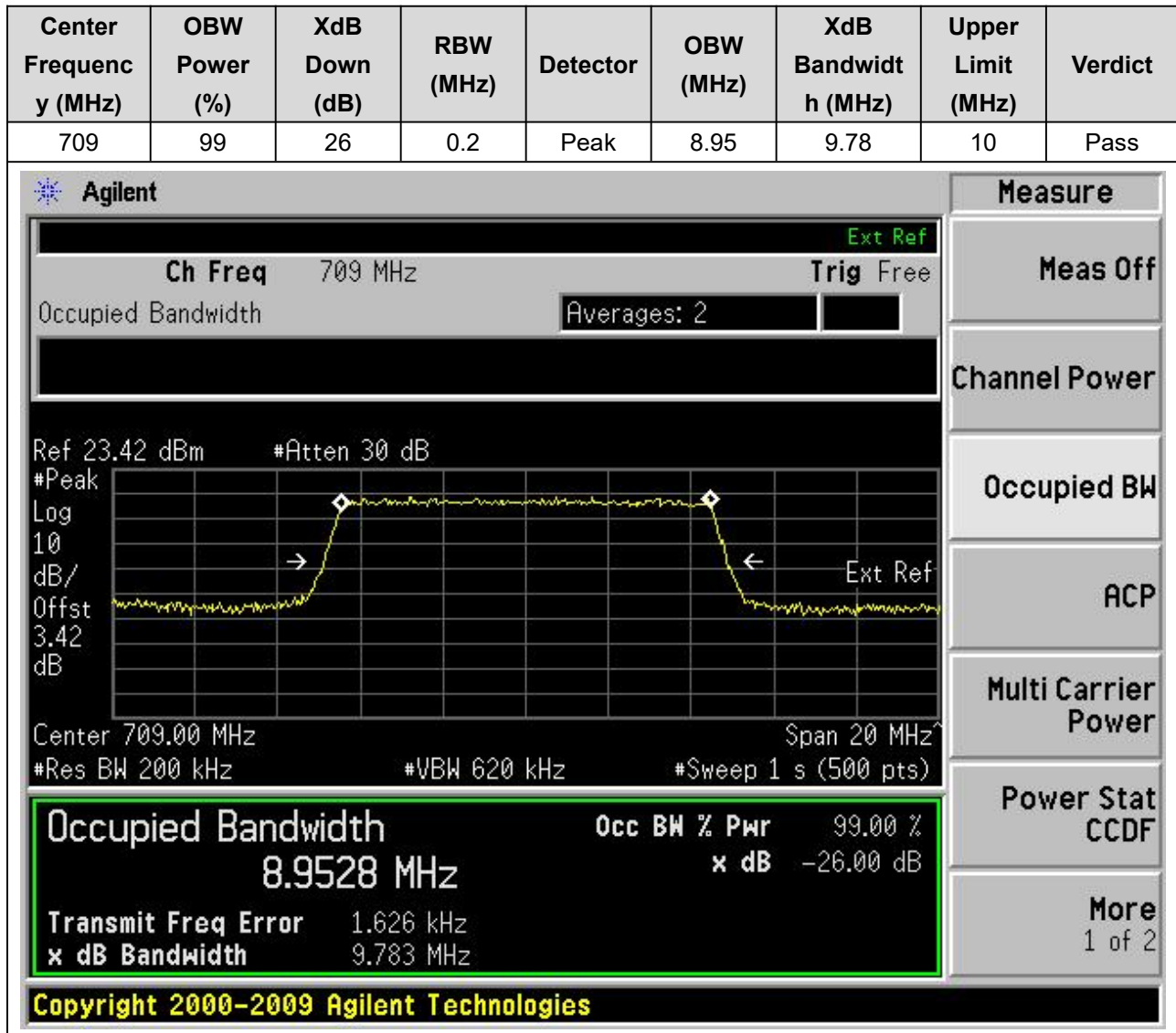
11.12 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23825, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)



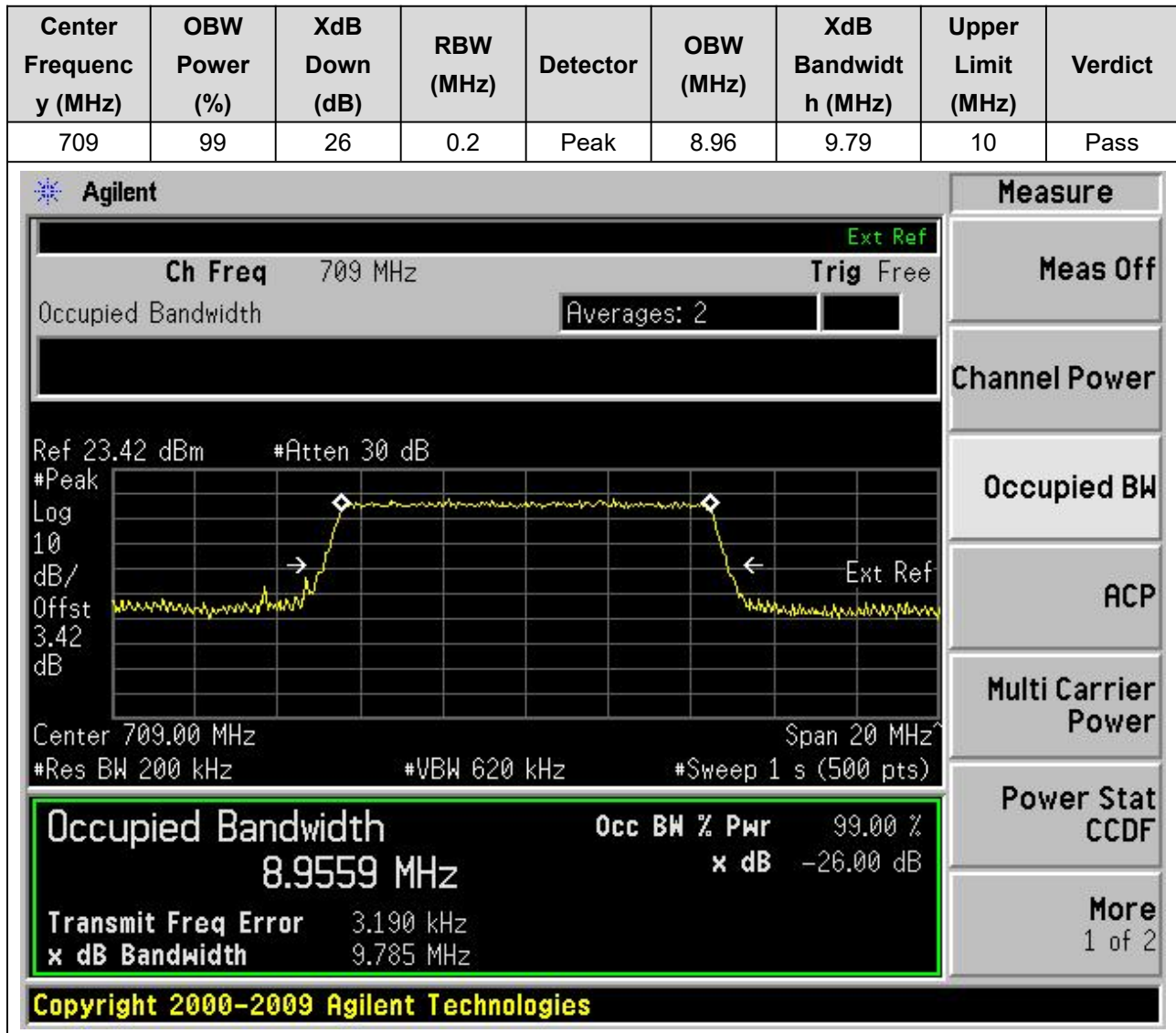
11.13 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



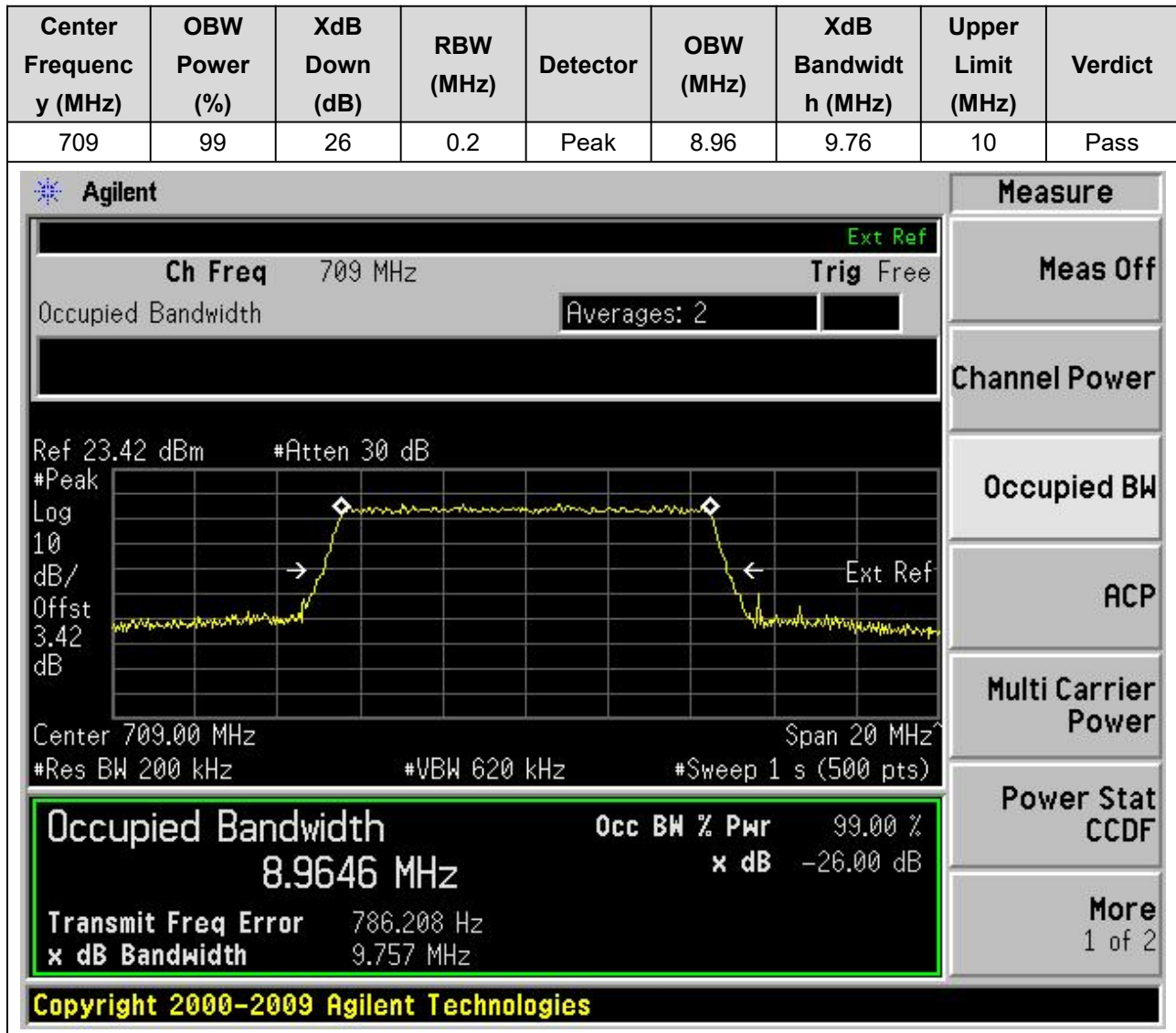
11.14 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23780, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



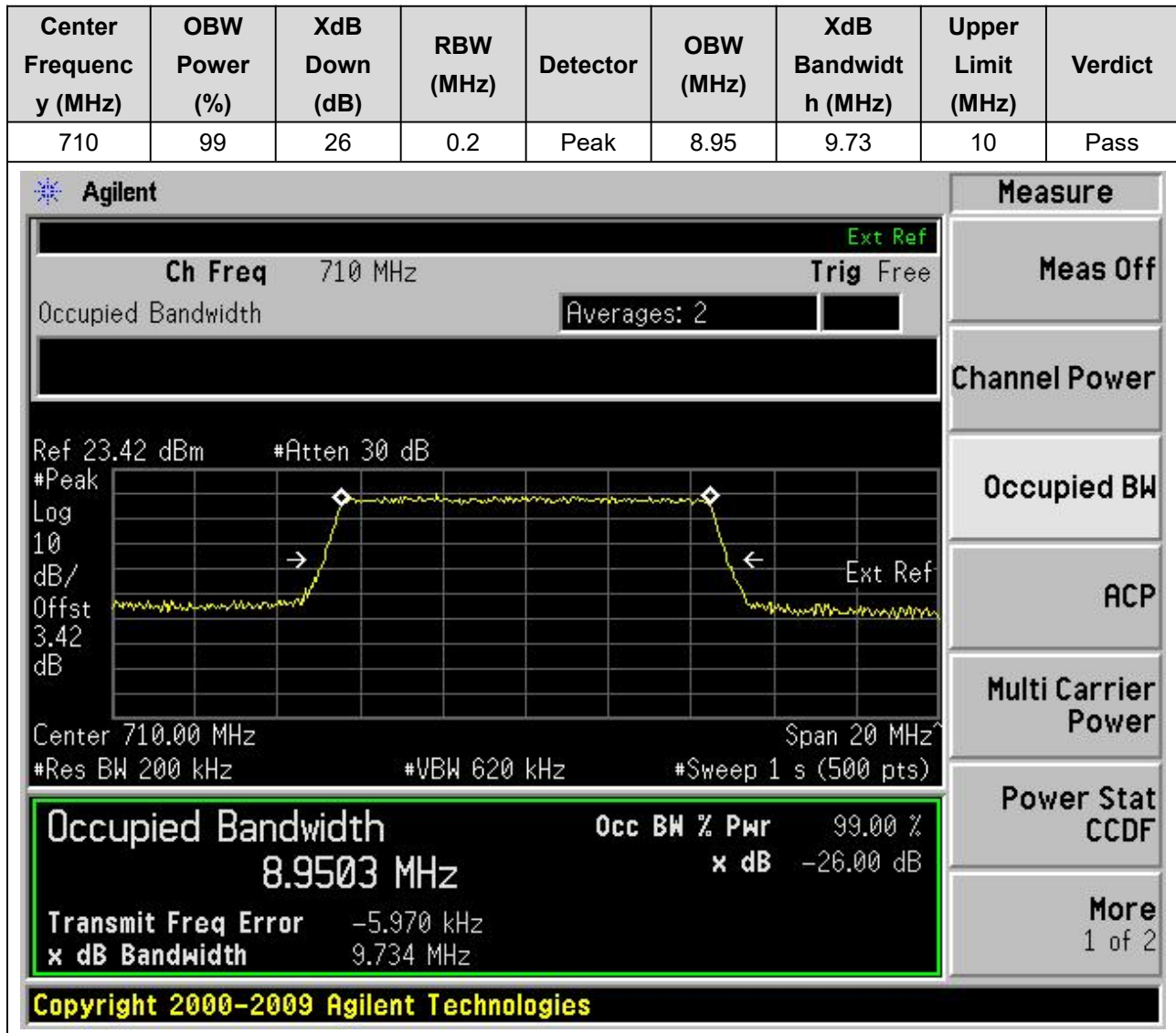
11.15 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23780, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)



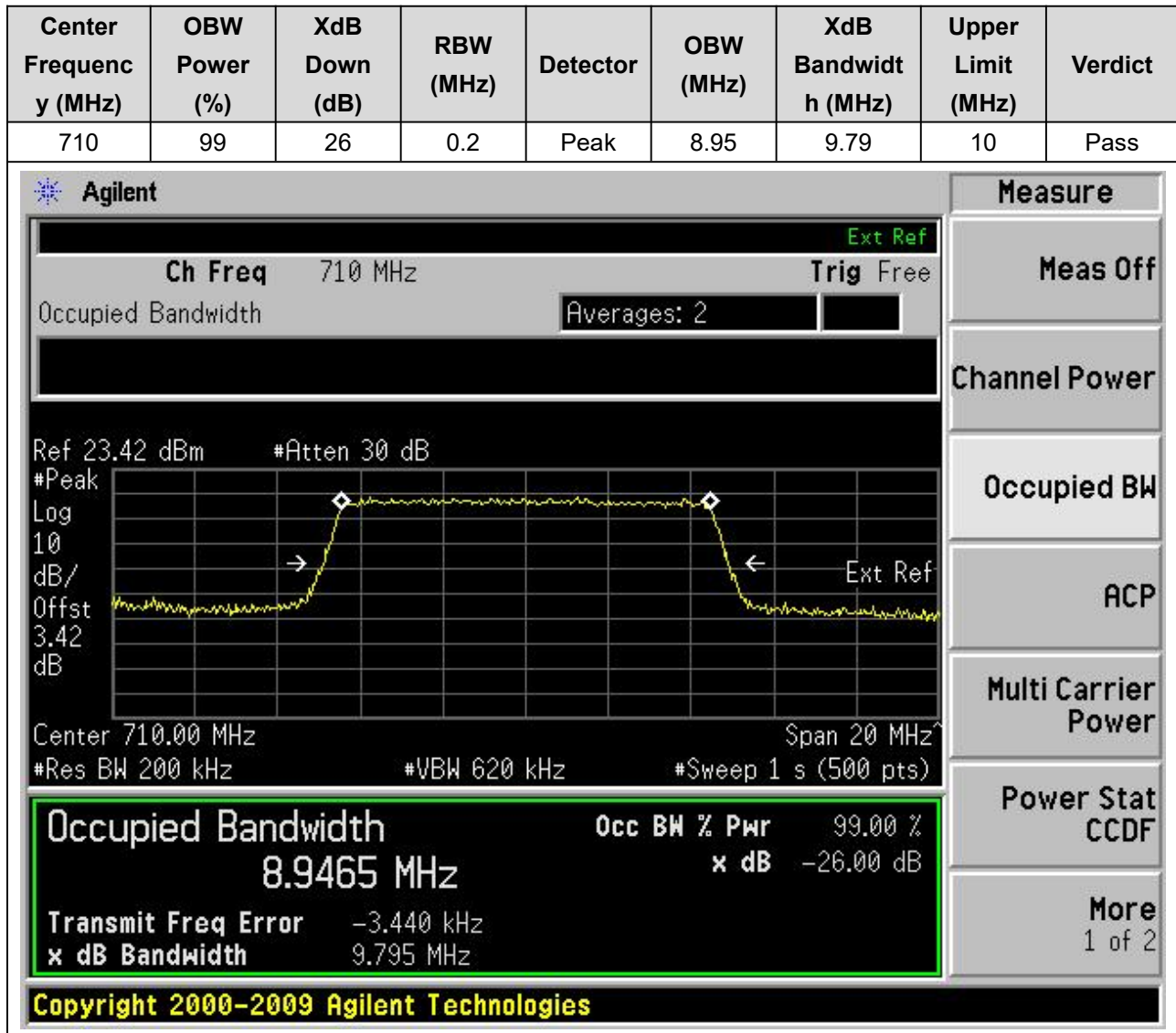
11.16 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23780, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)



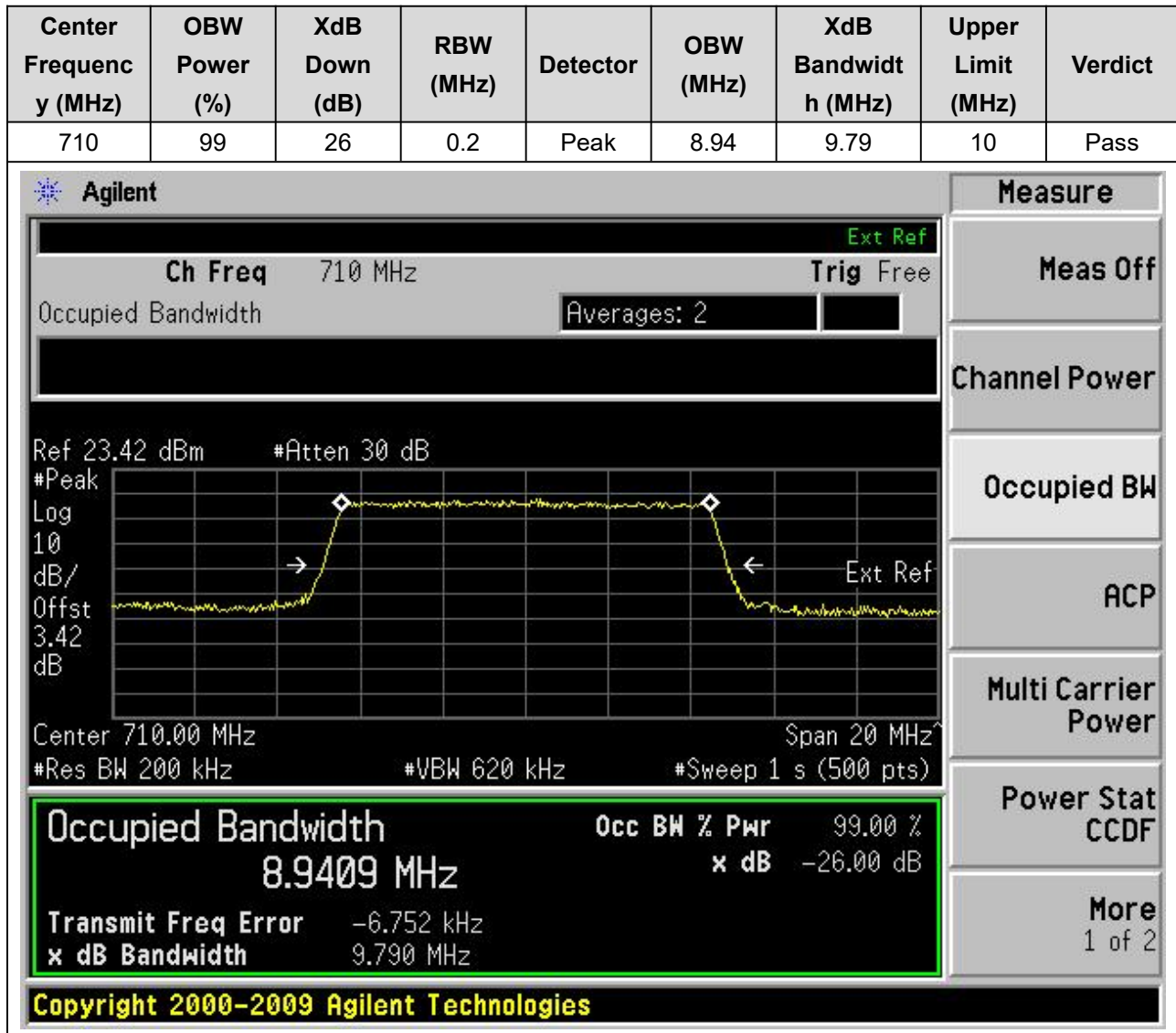
11.17 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



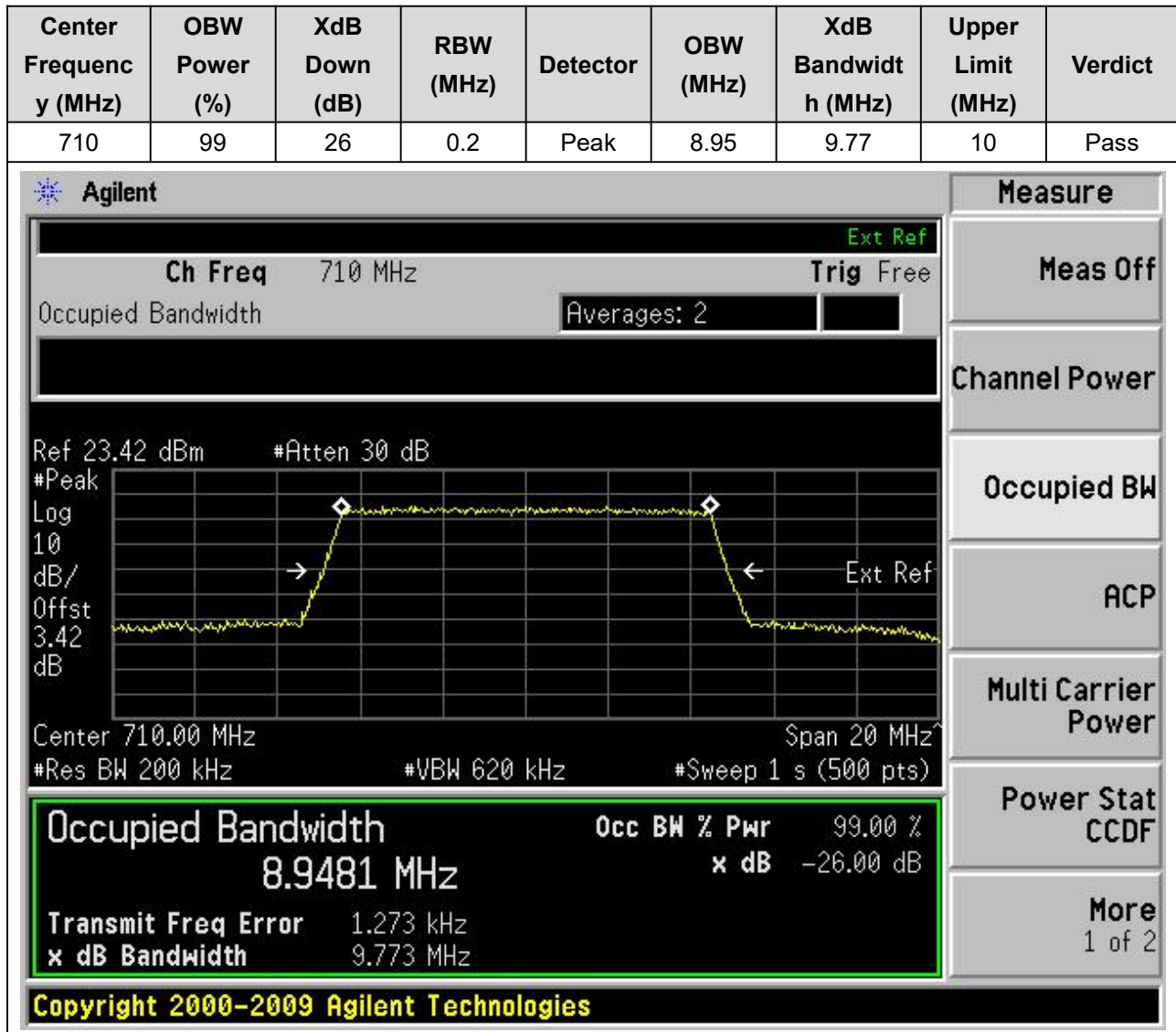
11.18 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



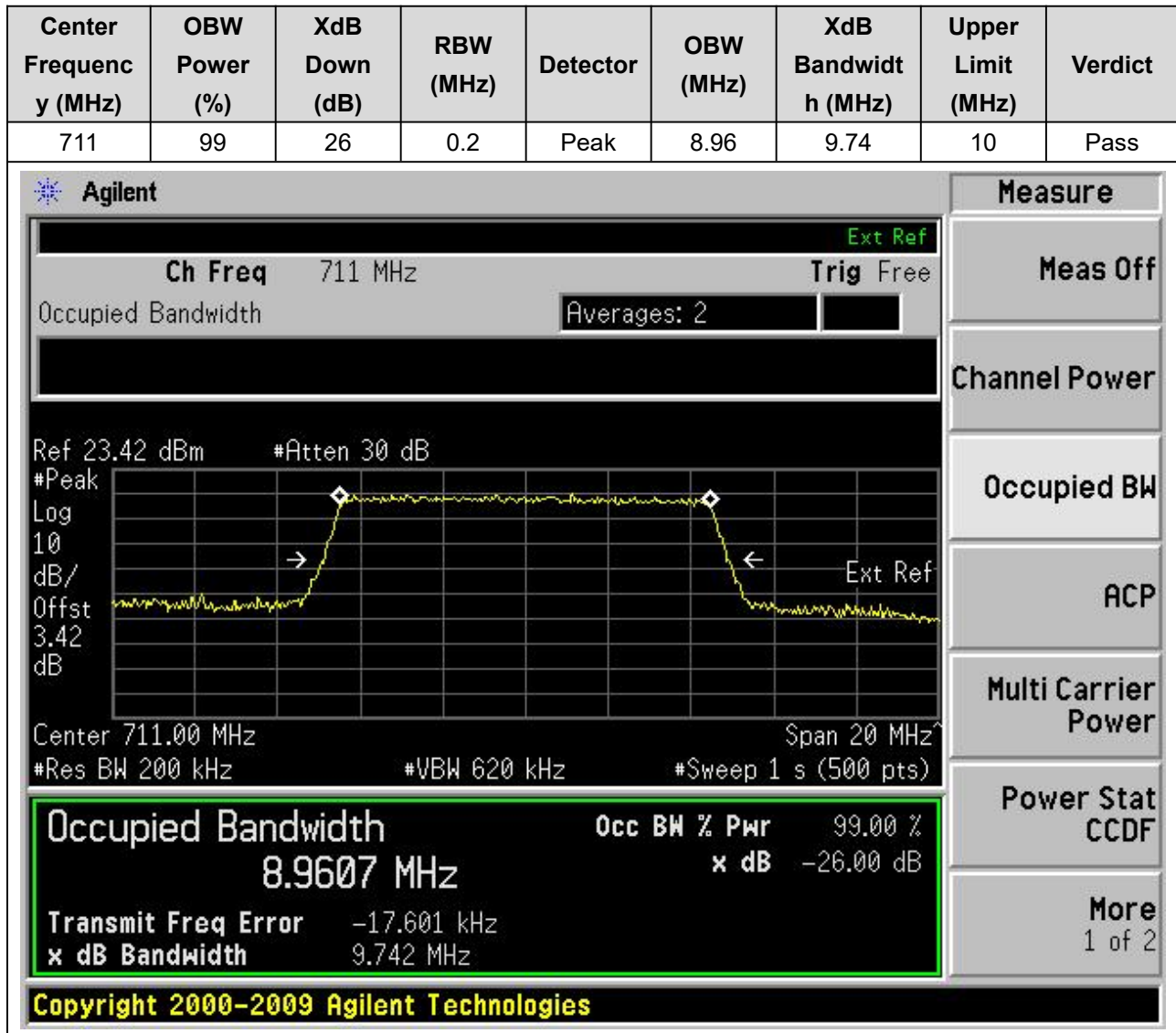
11.19 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)



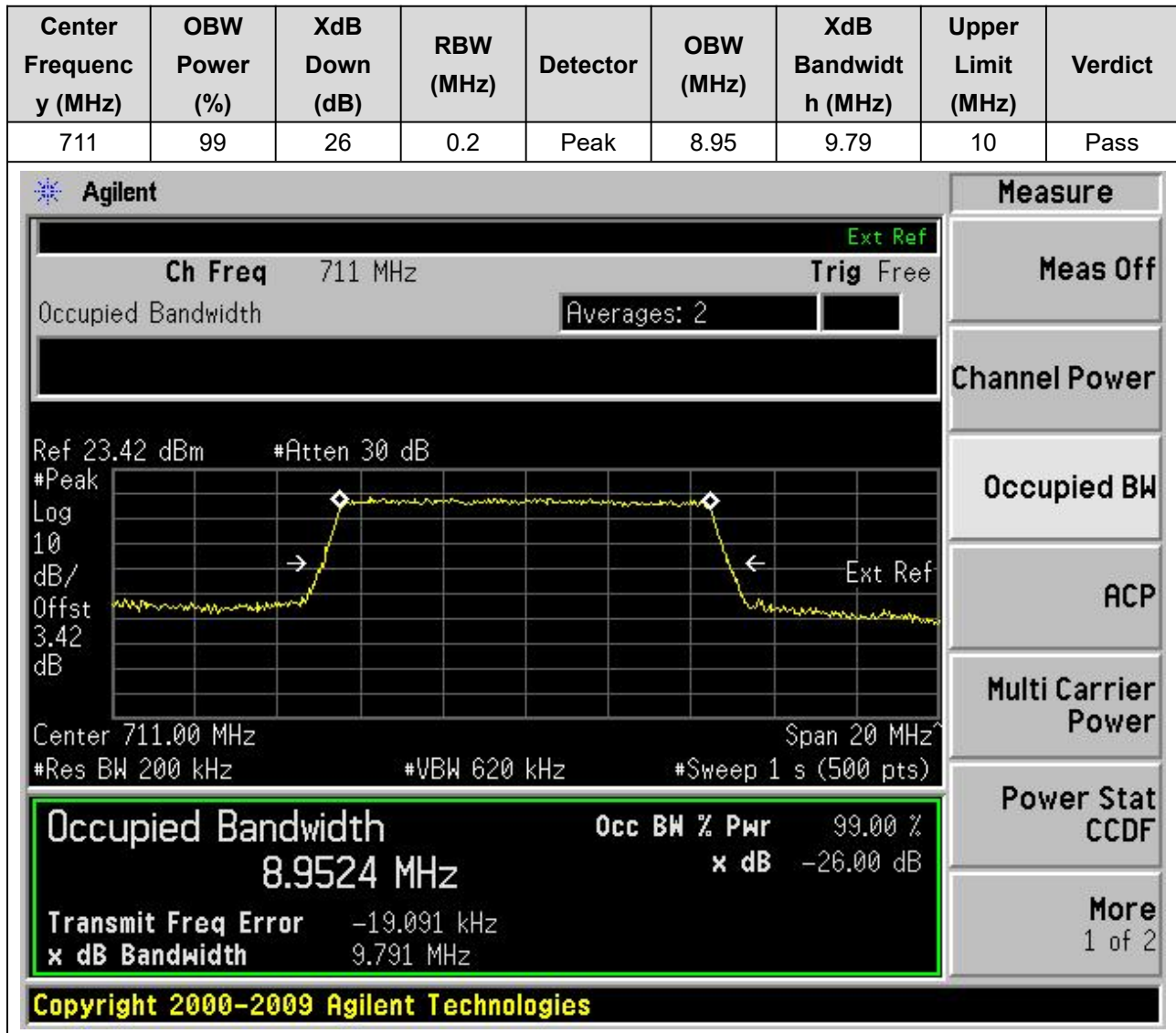
11.20 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23790, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)



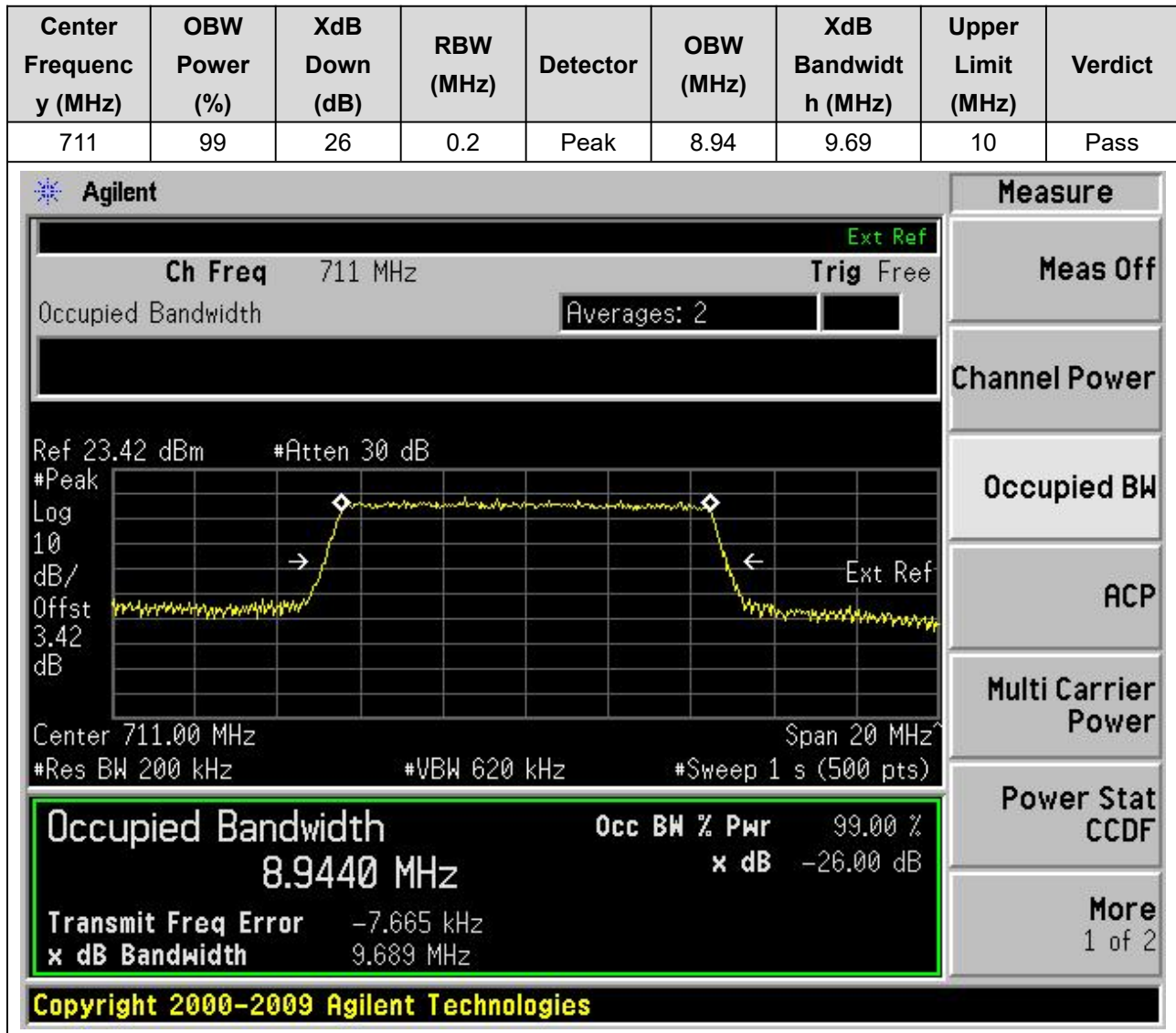
11.21 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



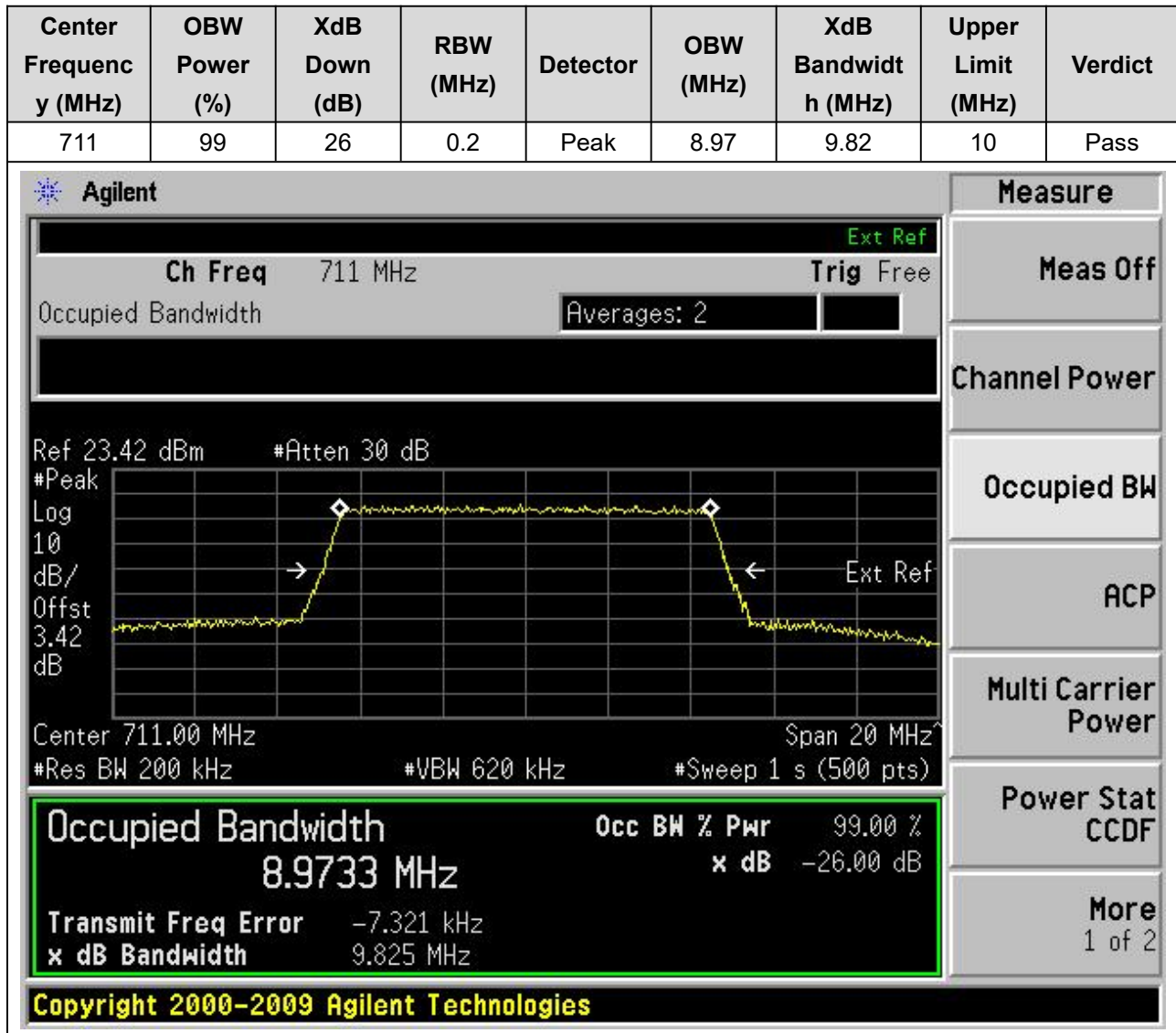
11.22 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23800, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



11.23 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23800, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

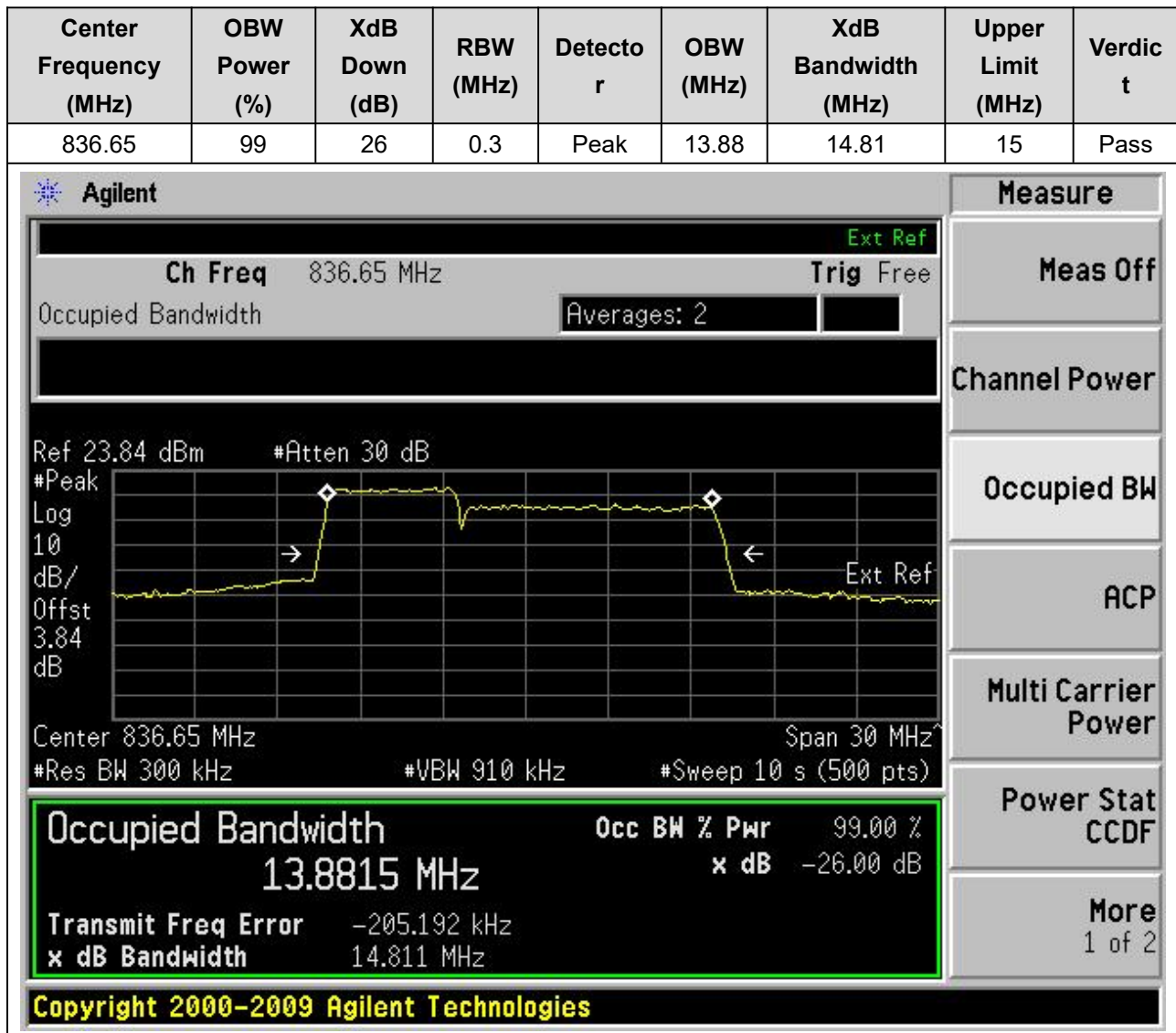


11.24 LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23800, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

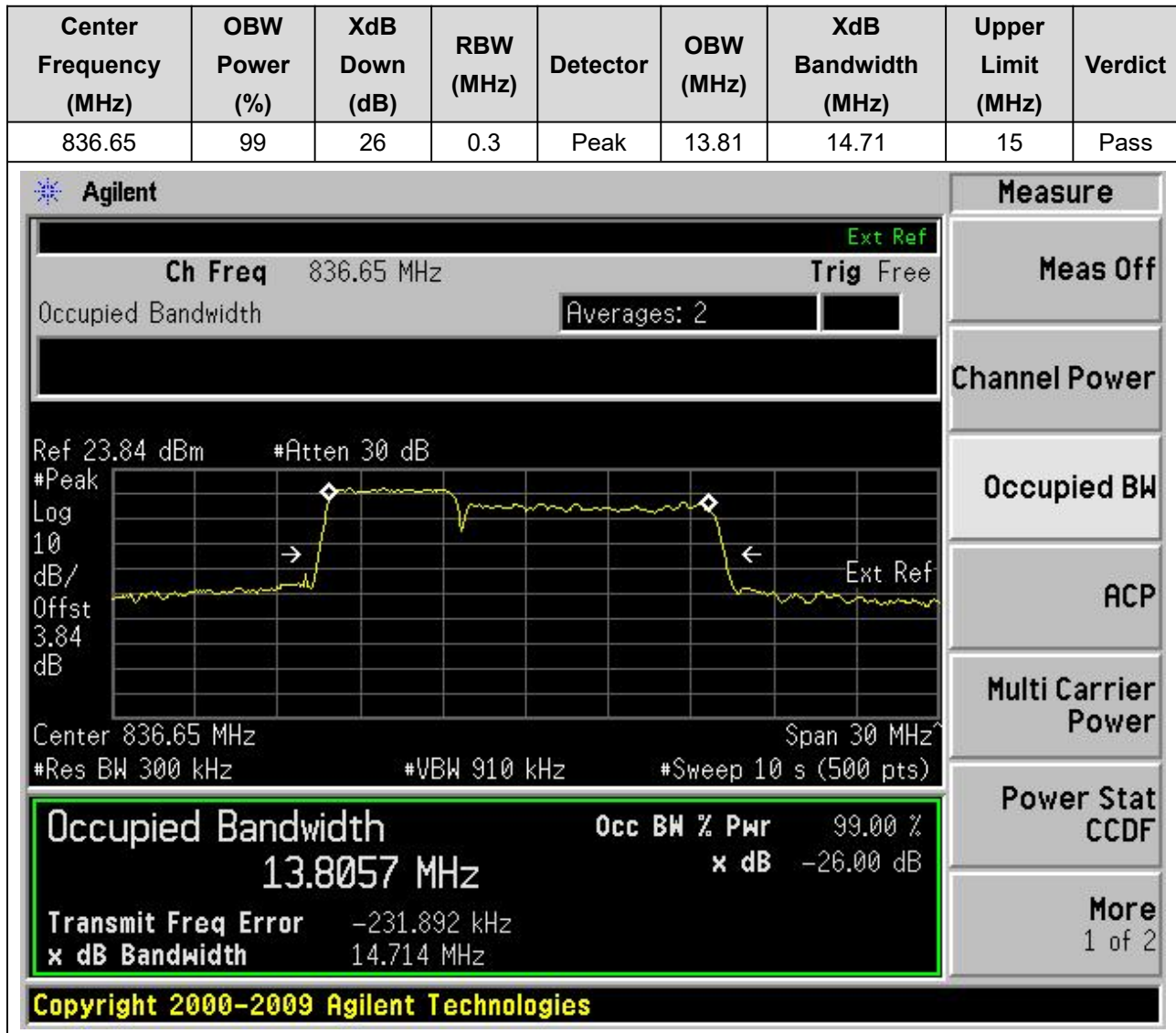


1. CA_5B

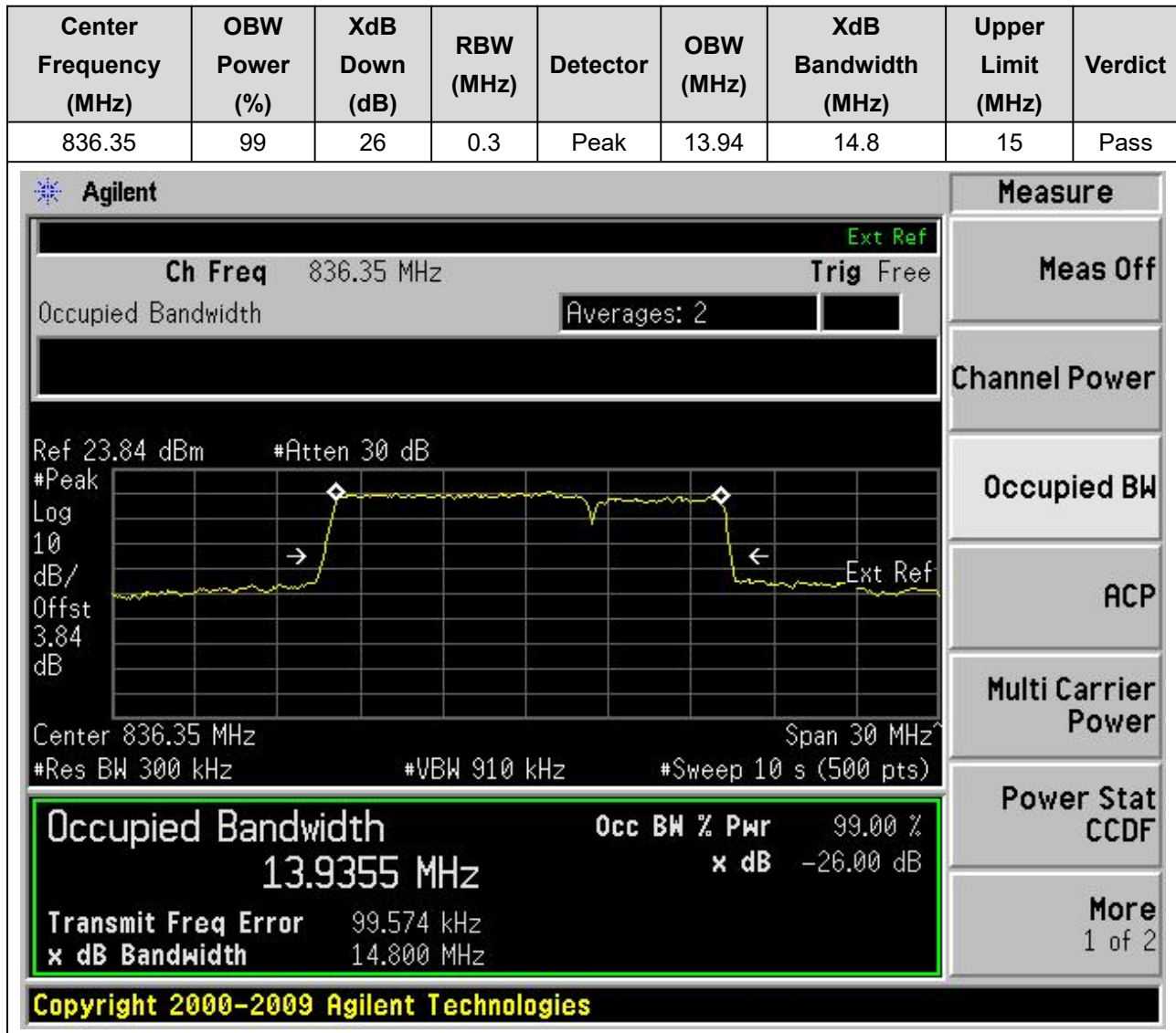
1.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



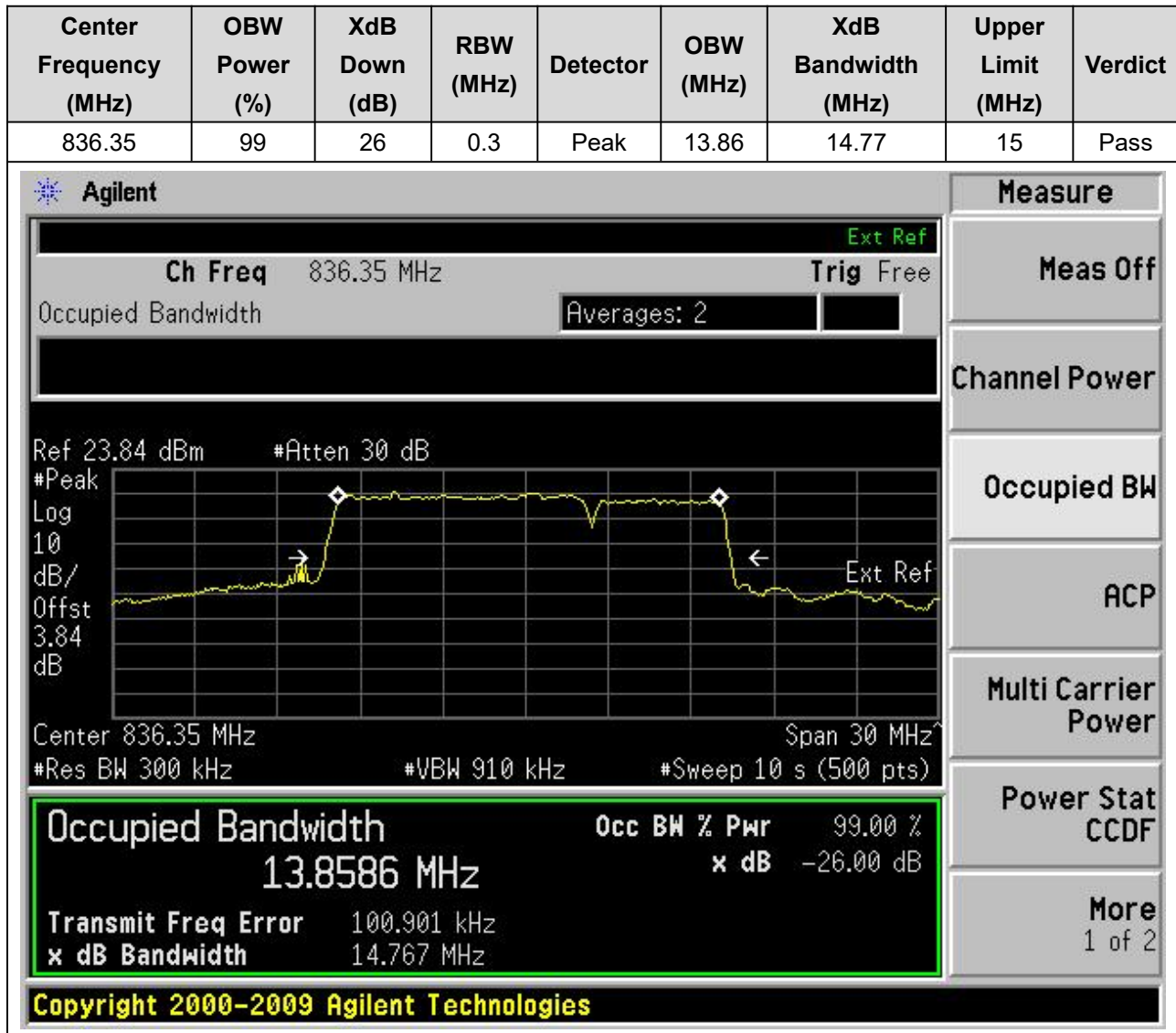
**1.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



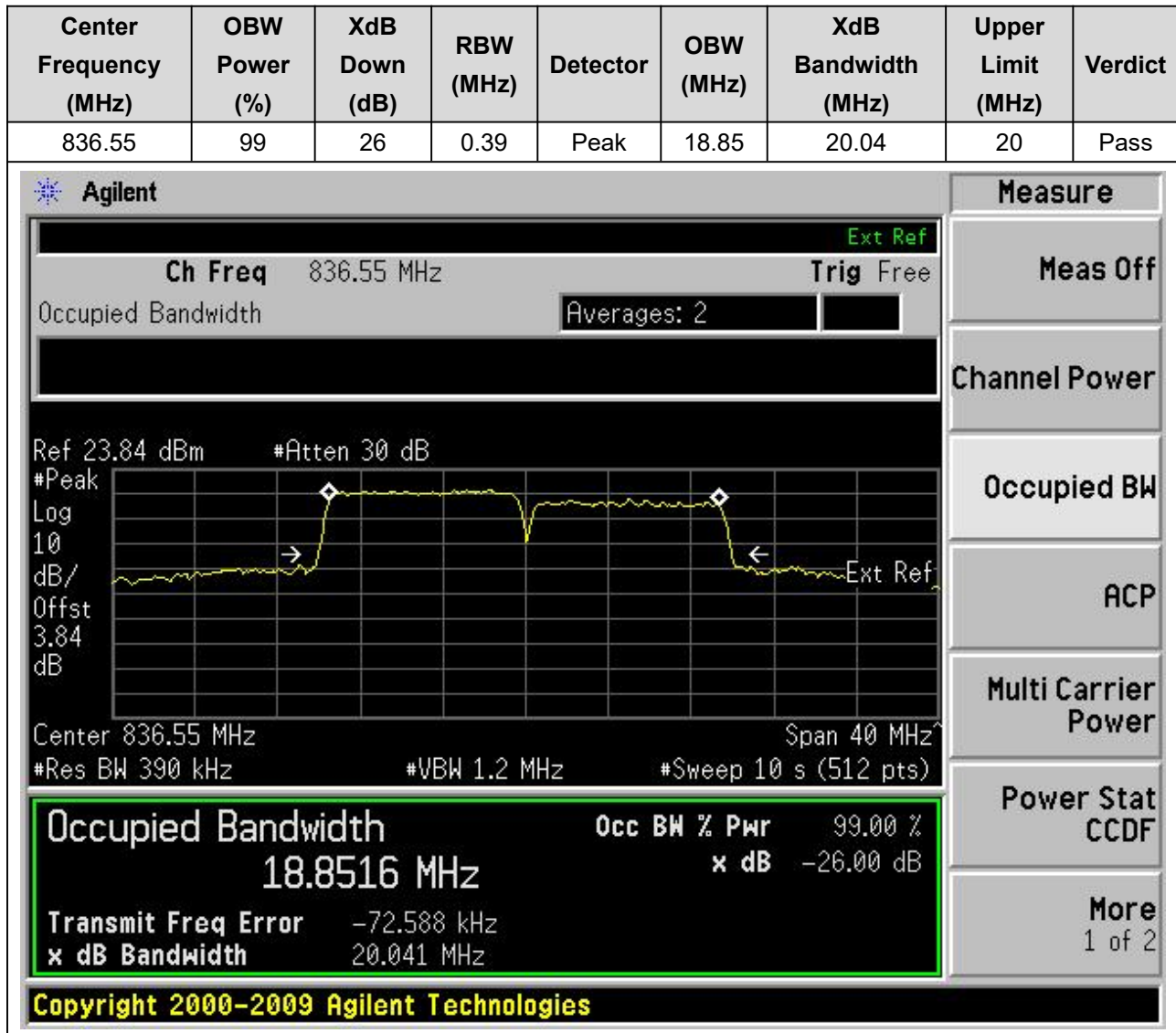
**1.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



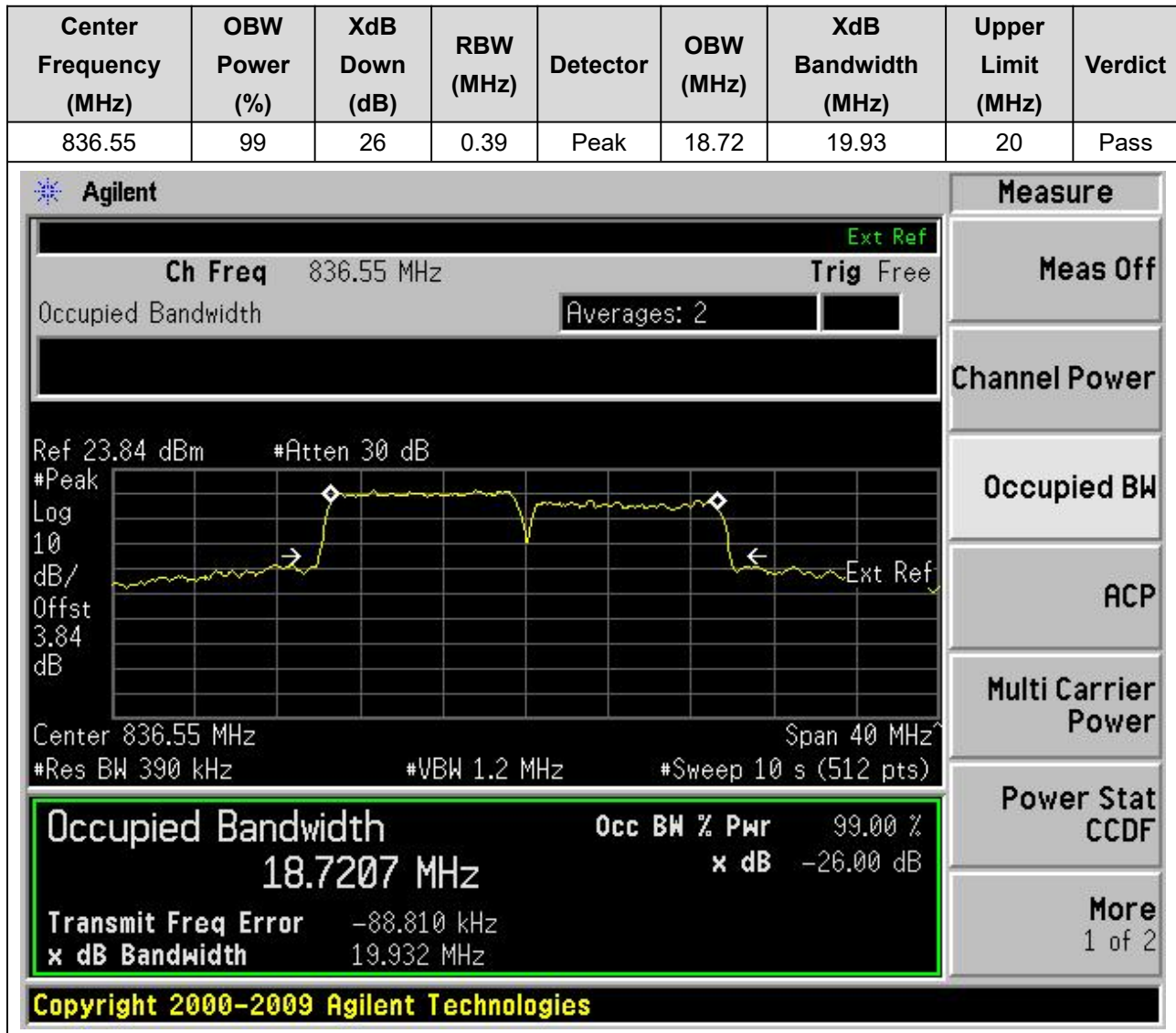
**1.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



1.5 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)

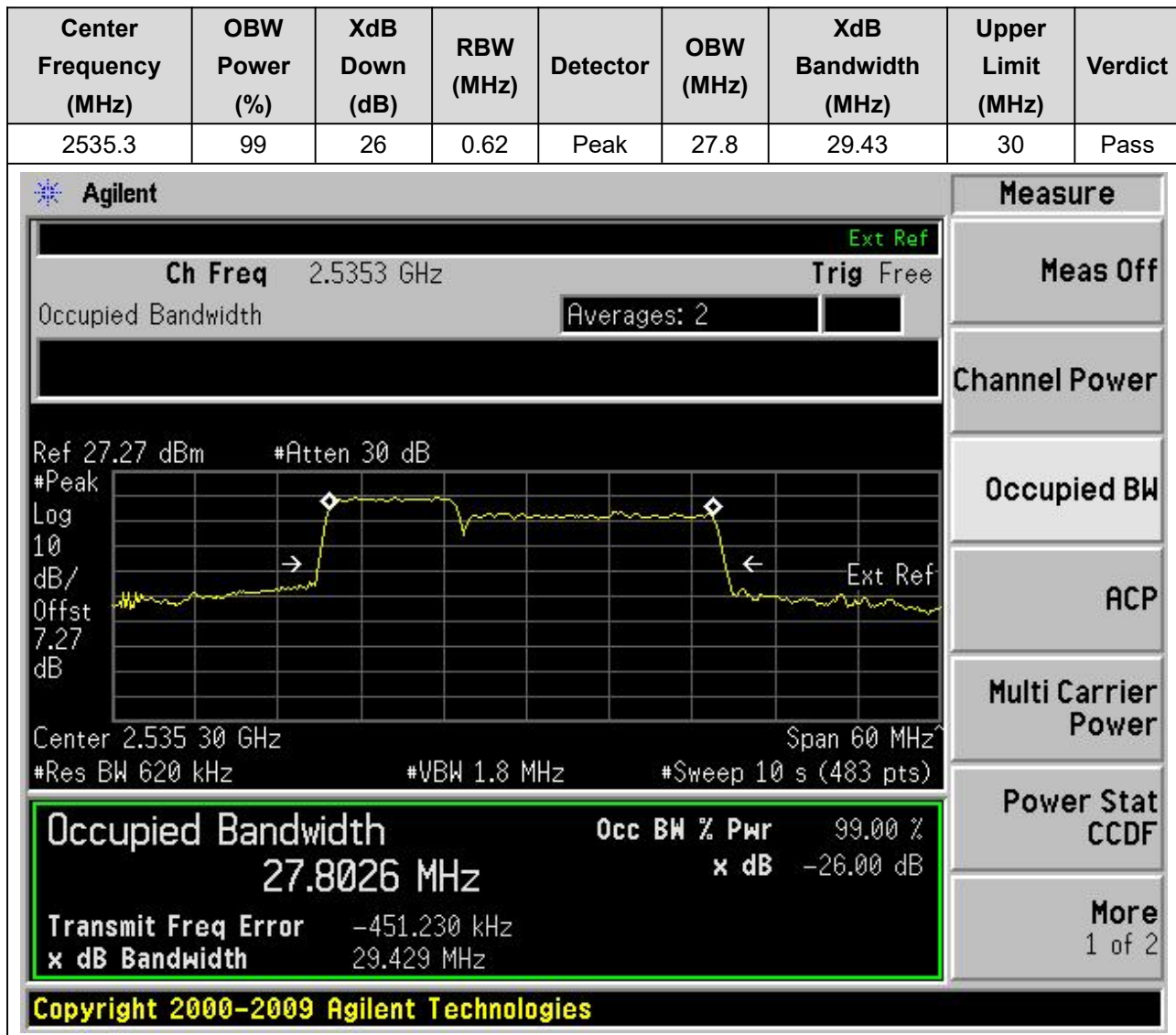


**1.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

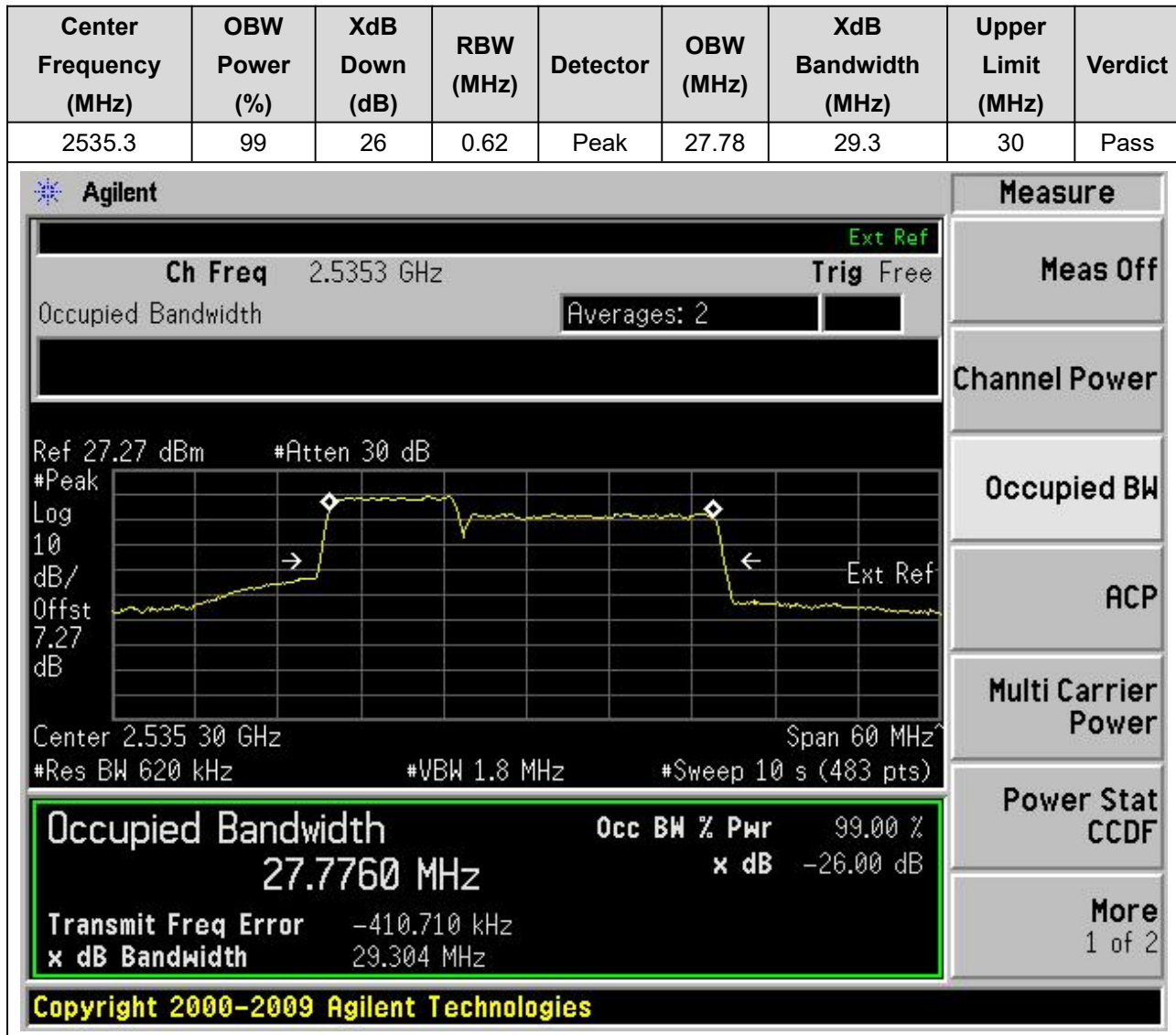


2. CA_7C

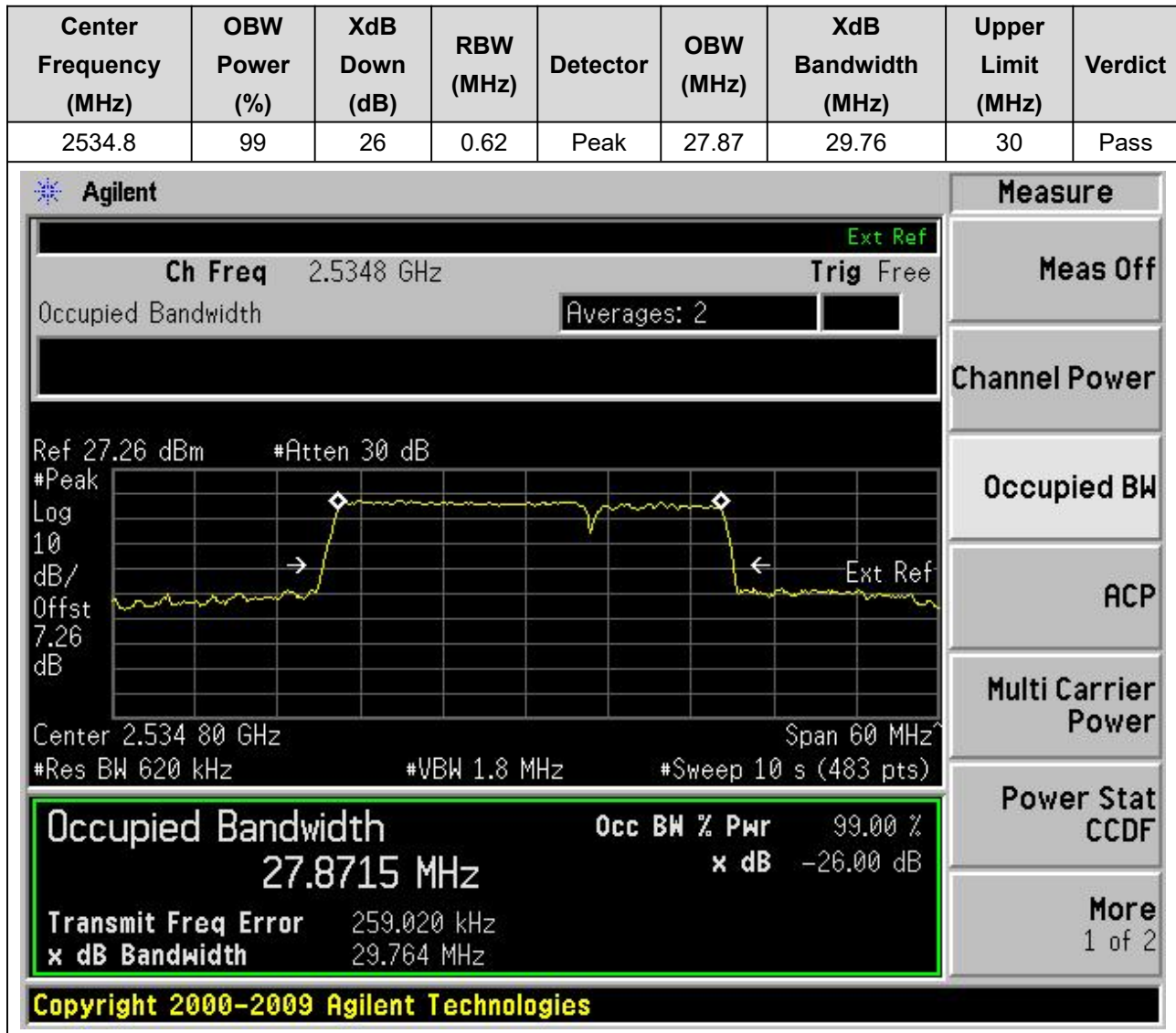
2.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



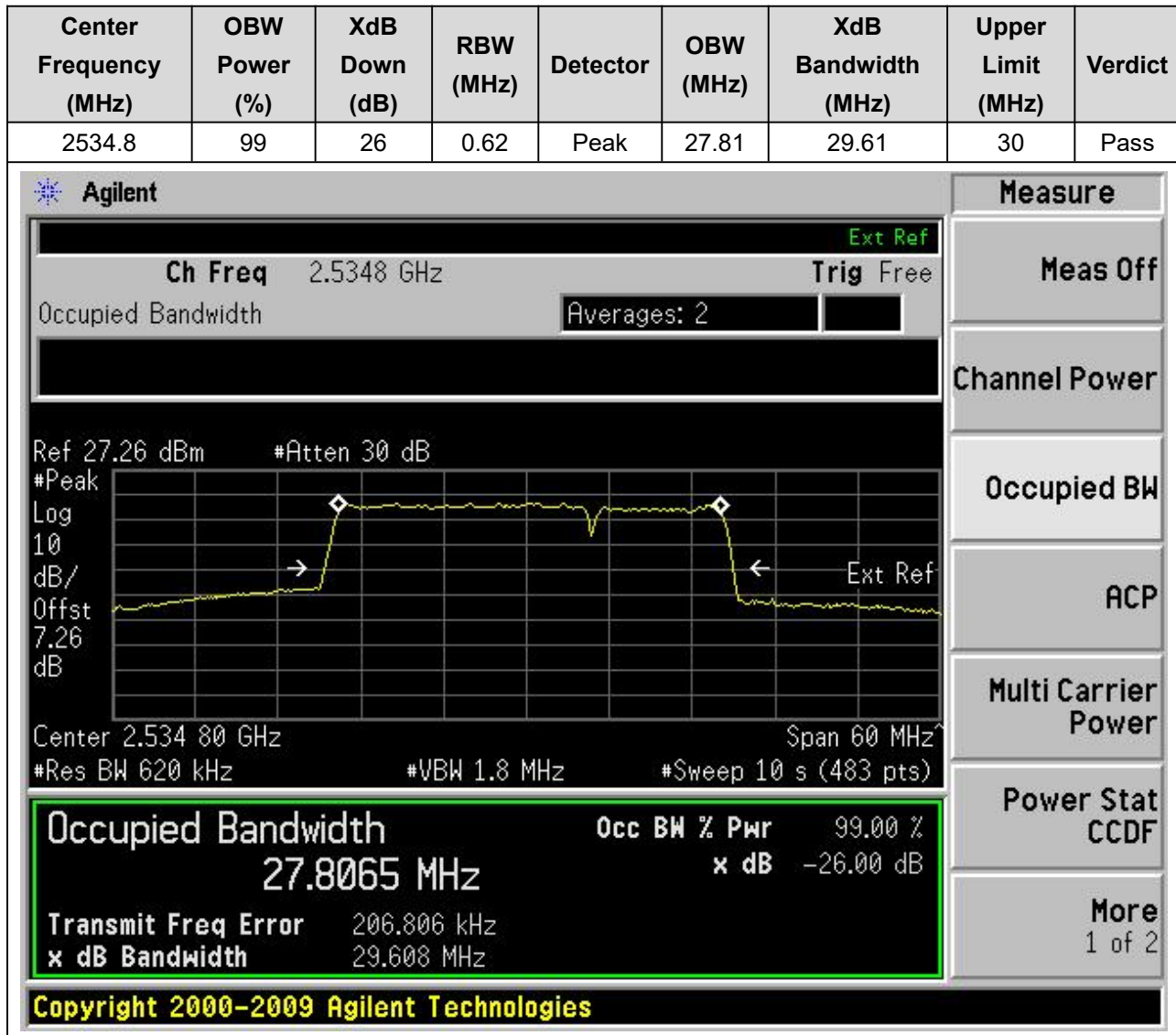
**2.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



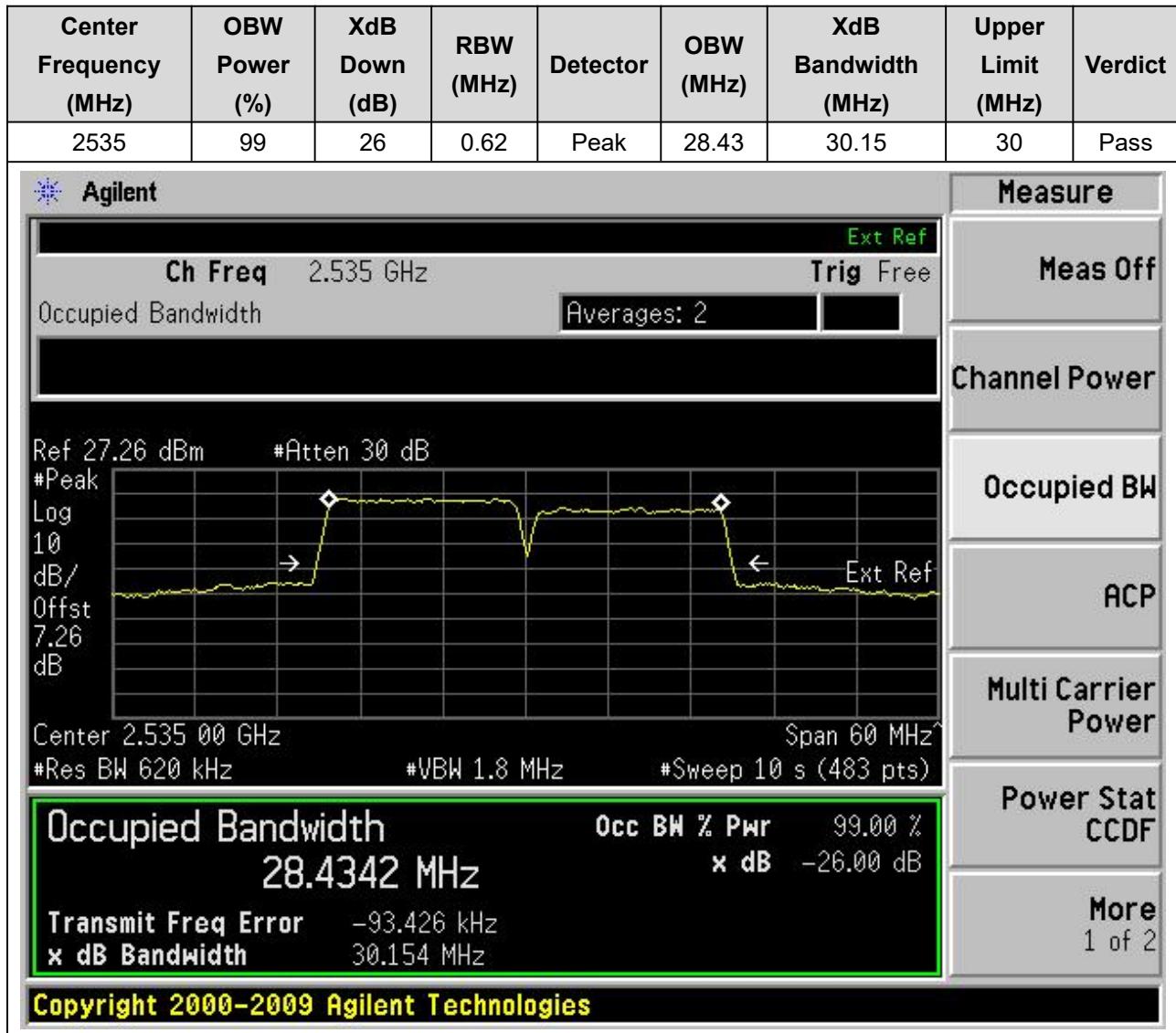
**2.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



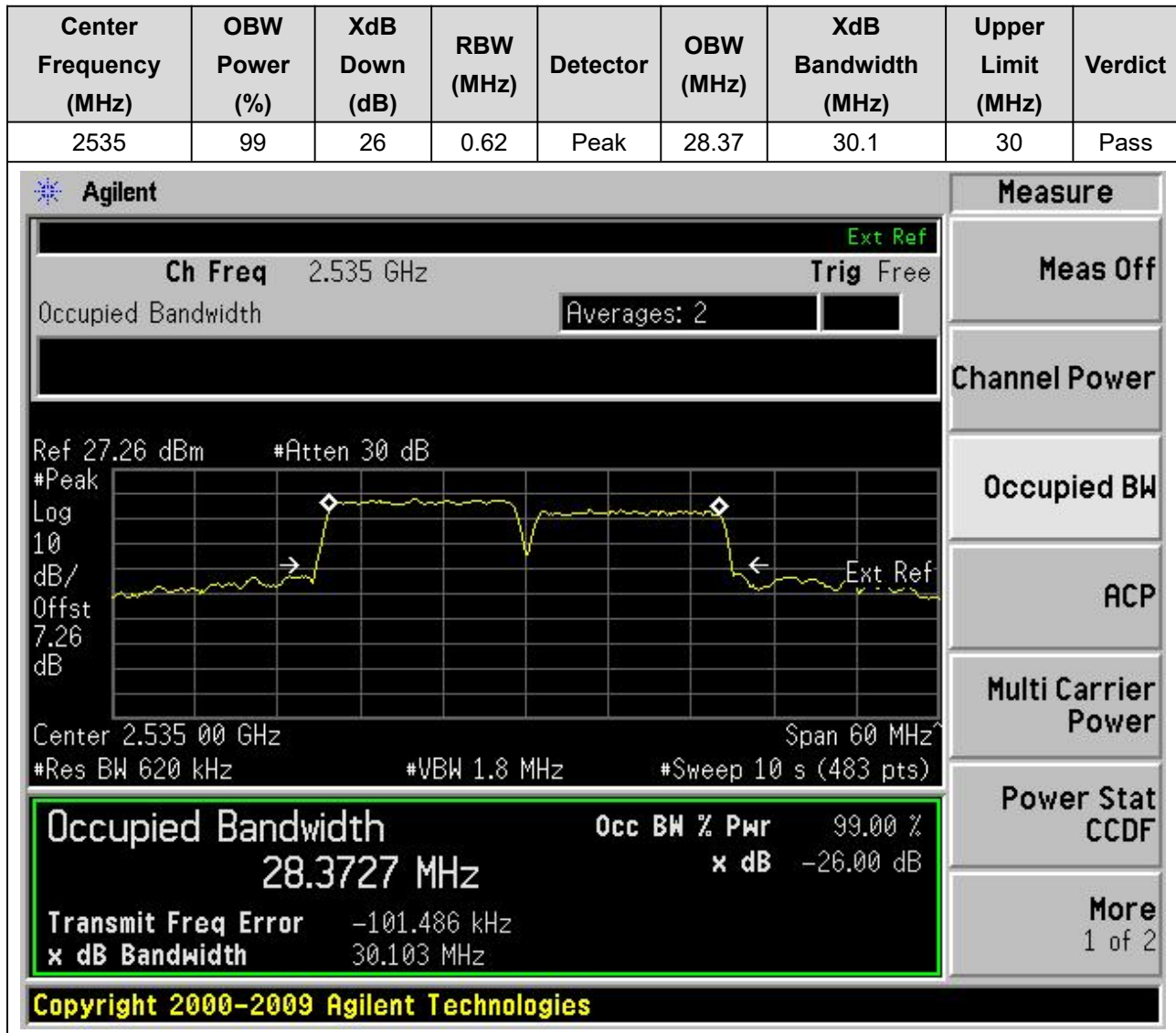
**2.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



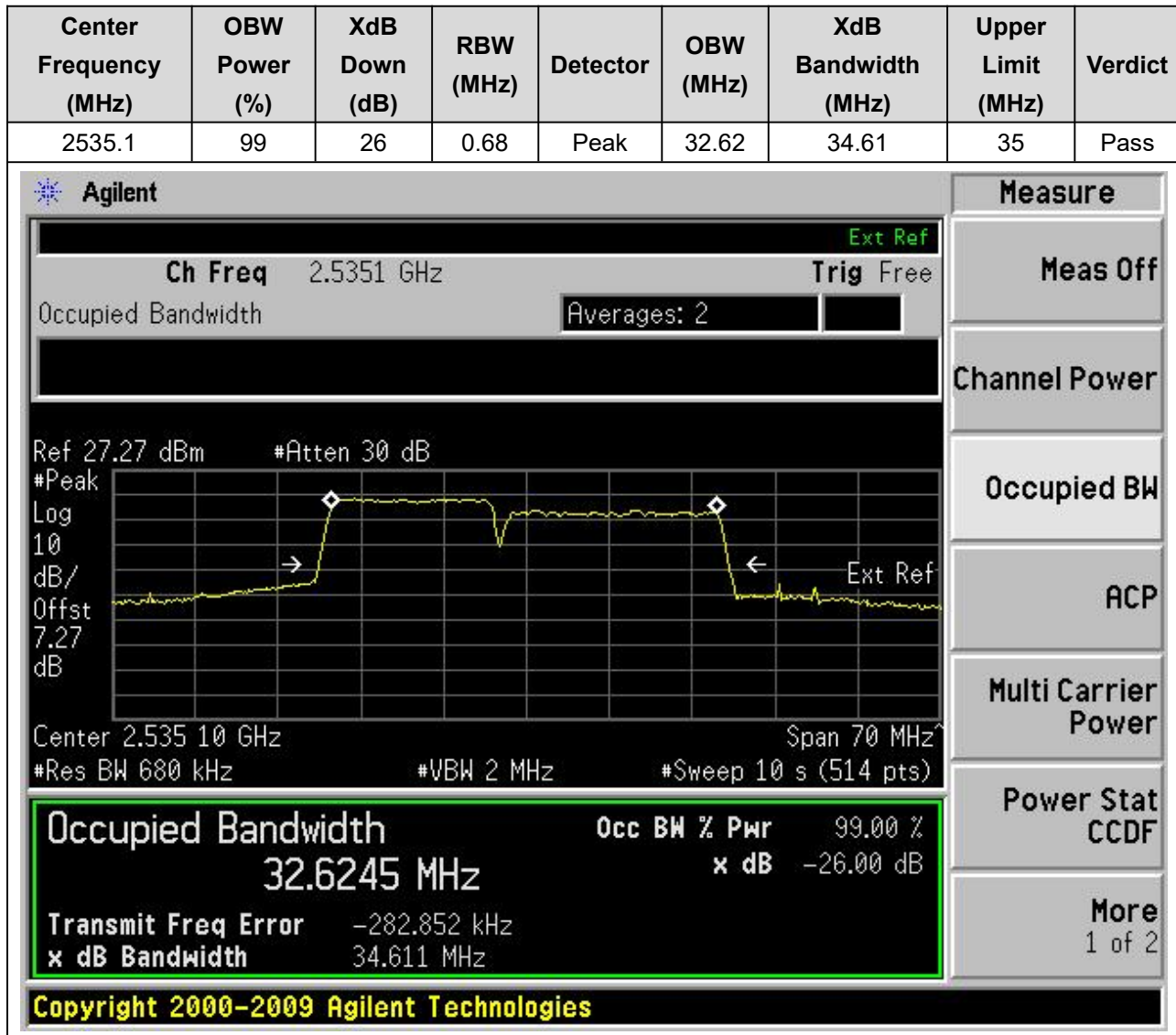
**2.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



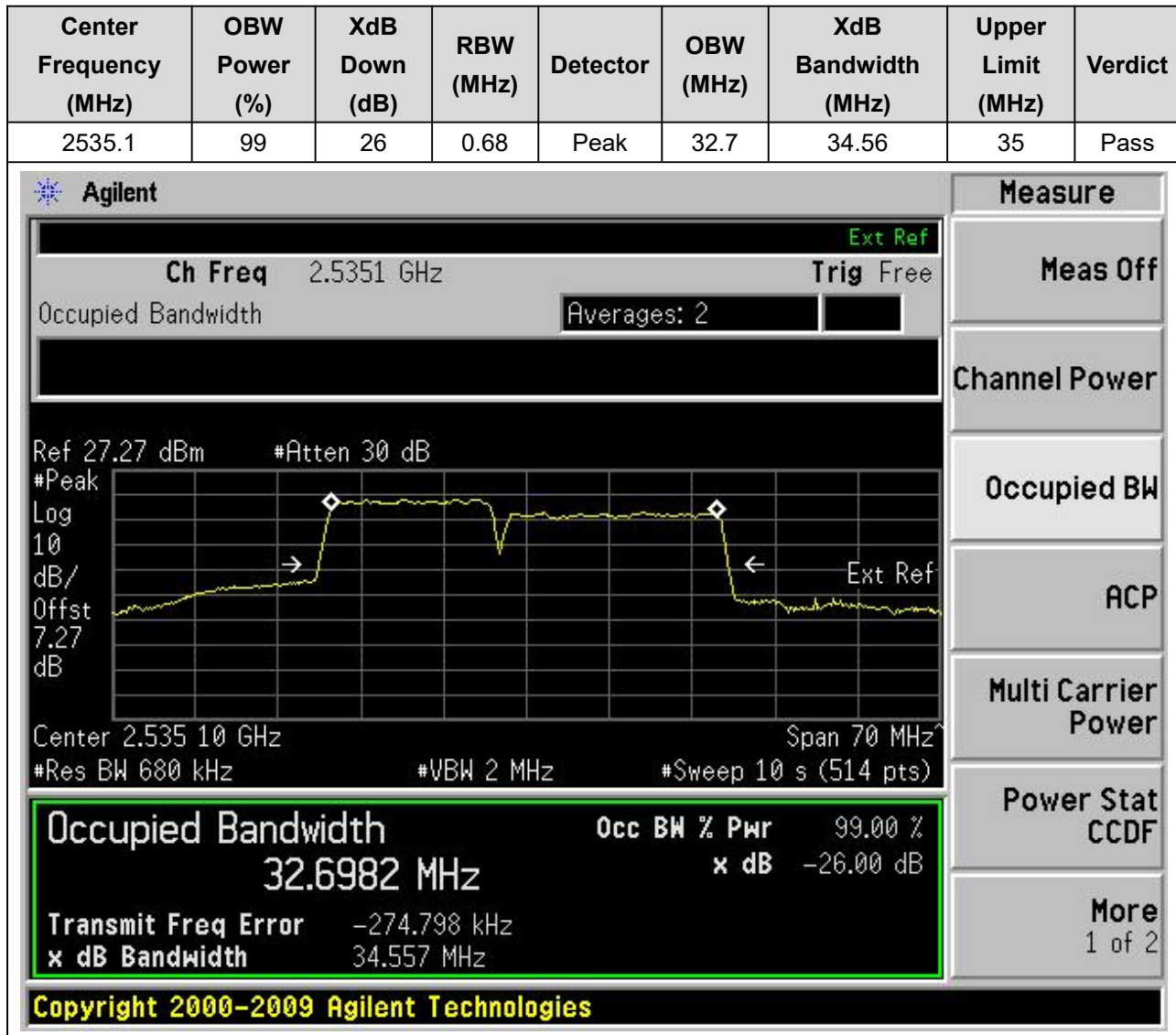
**2.7 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



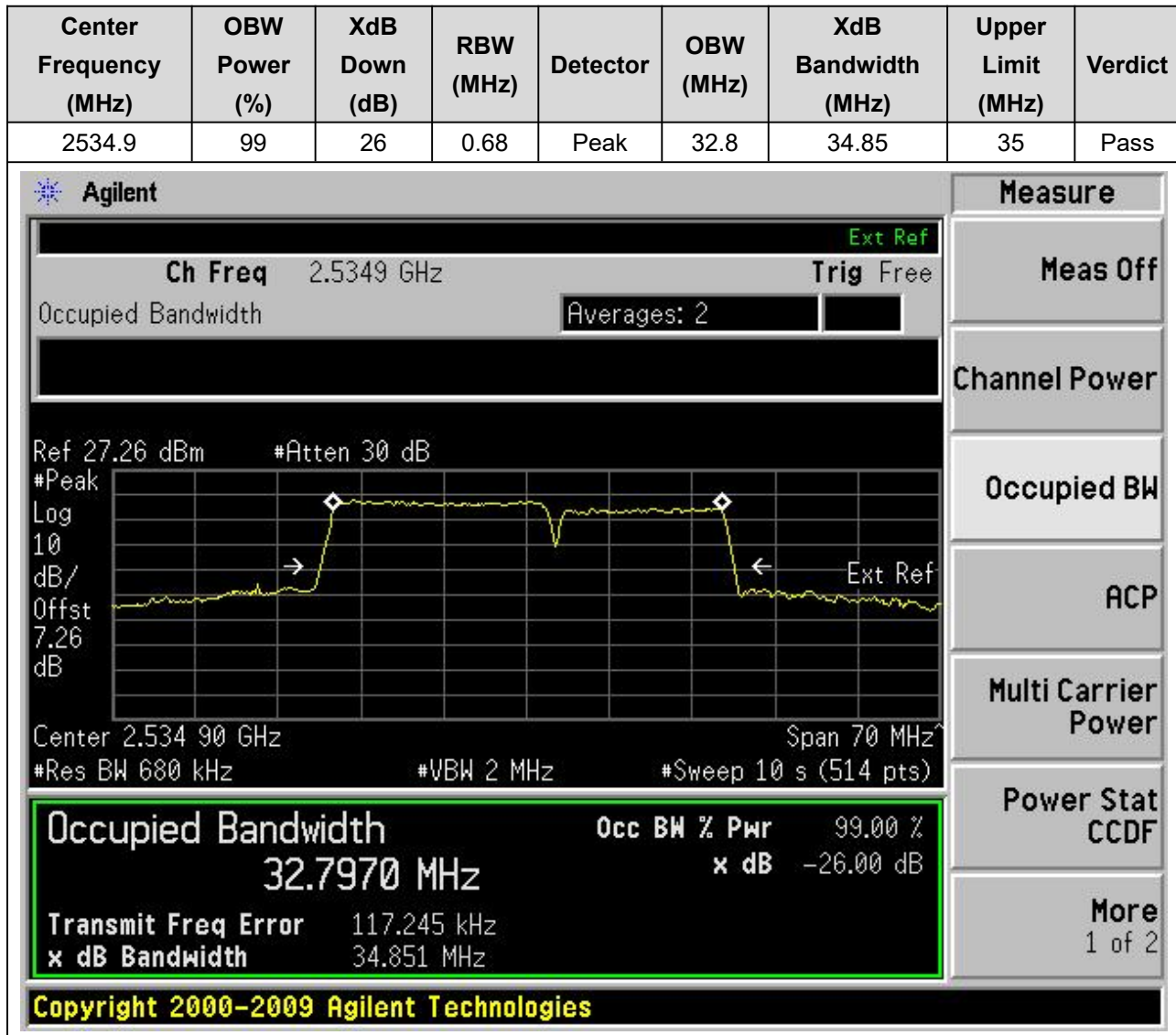
**2.8 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



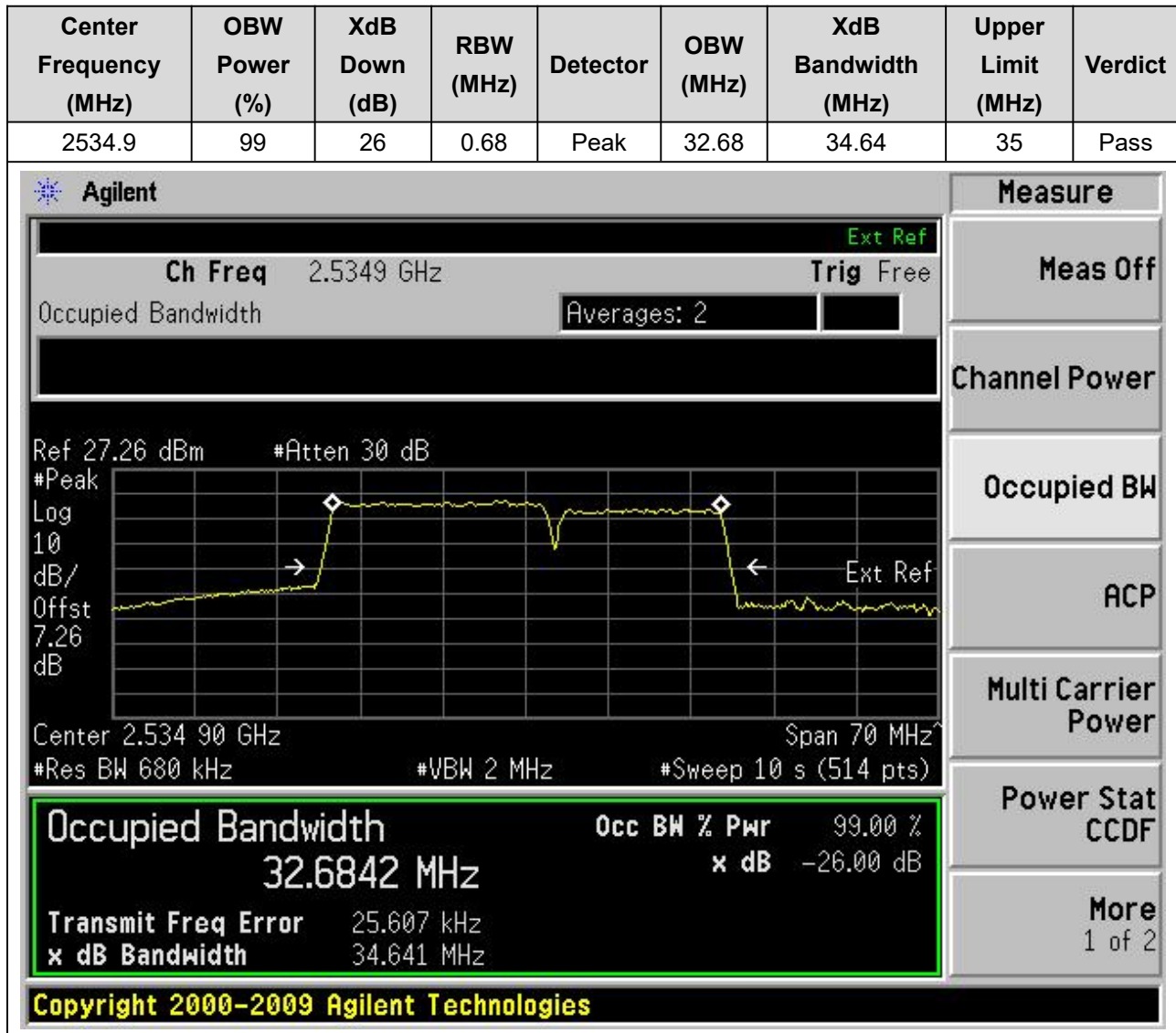
**2.9 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



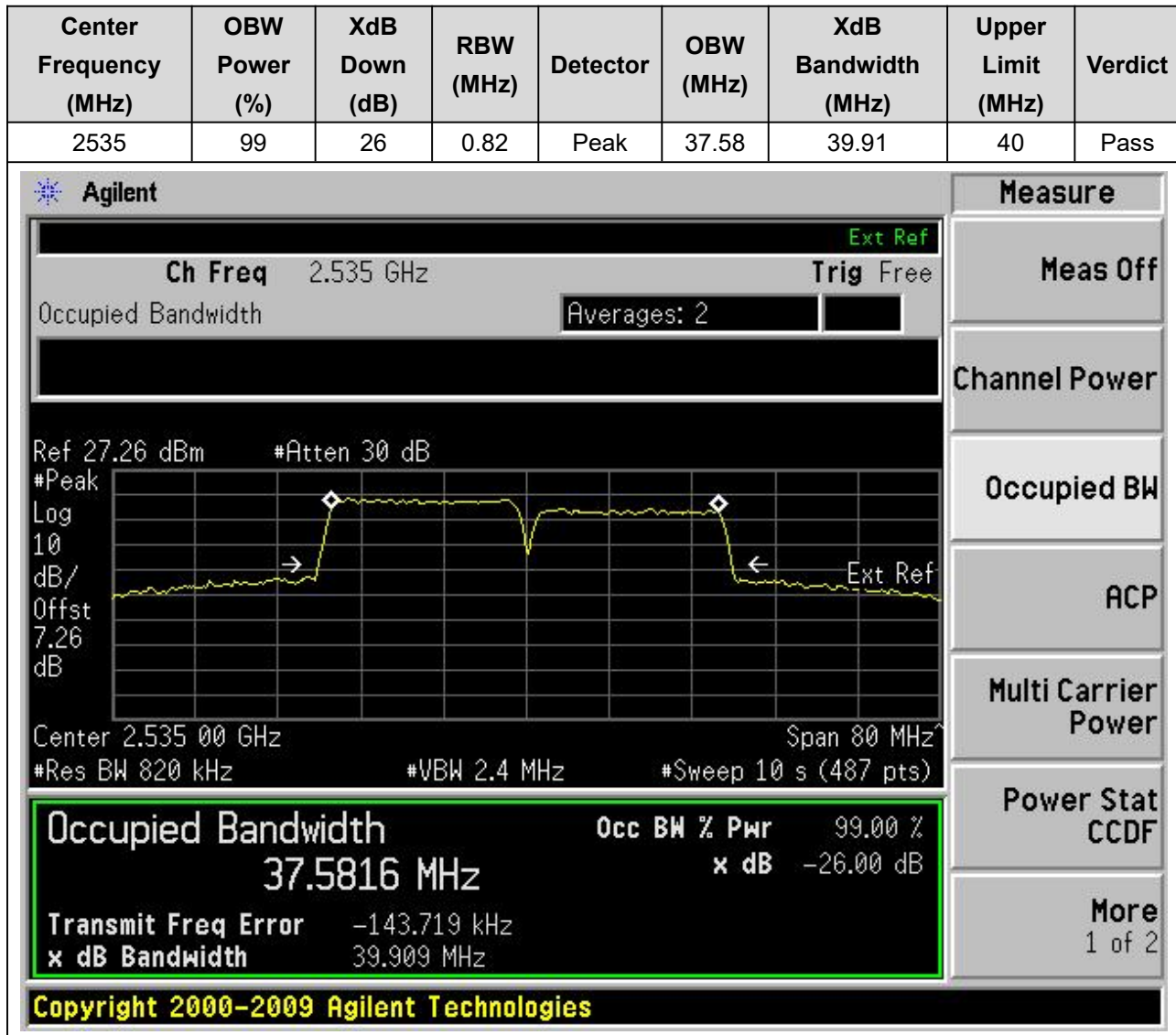
**2.10 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



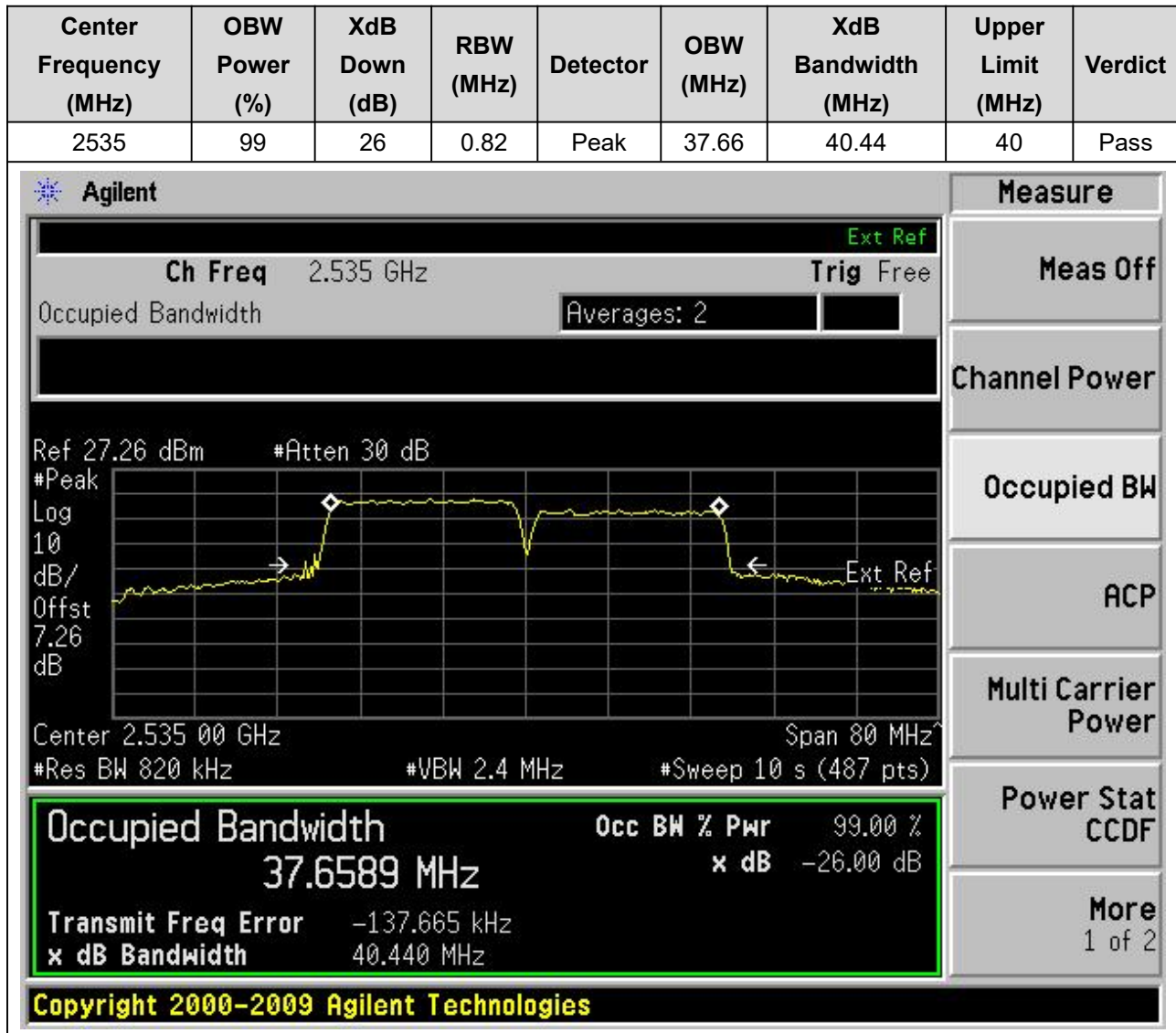
**2.11 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**2.12 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

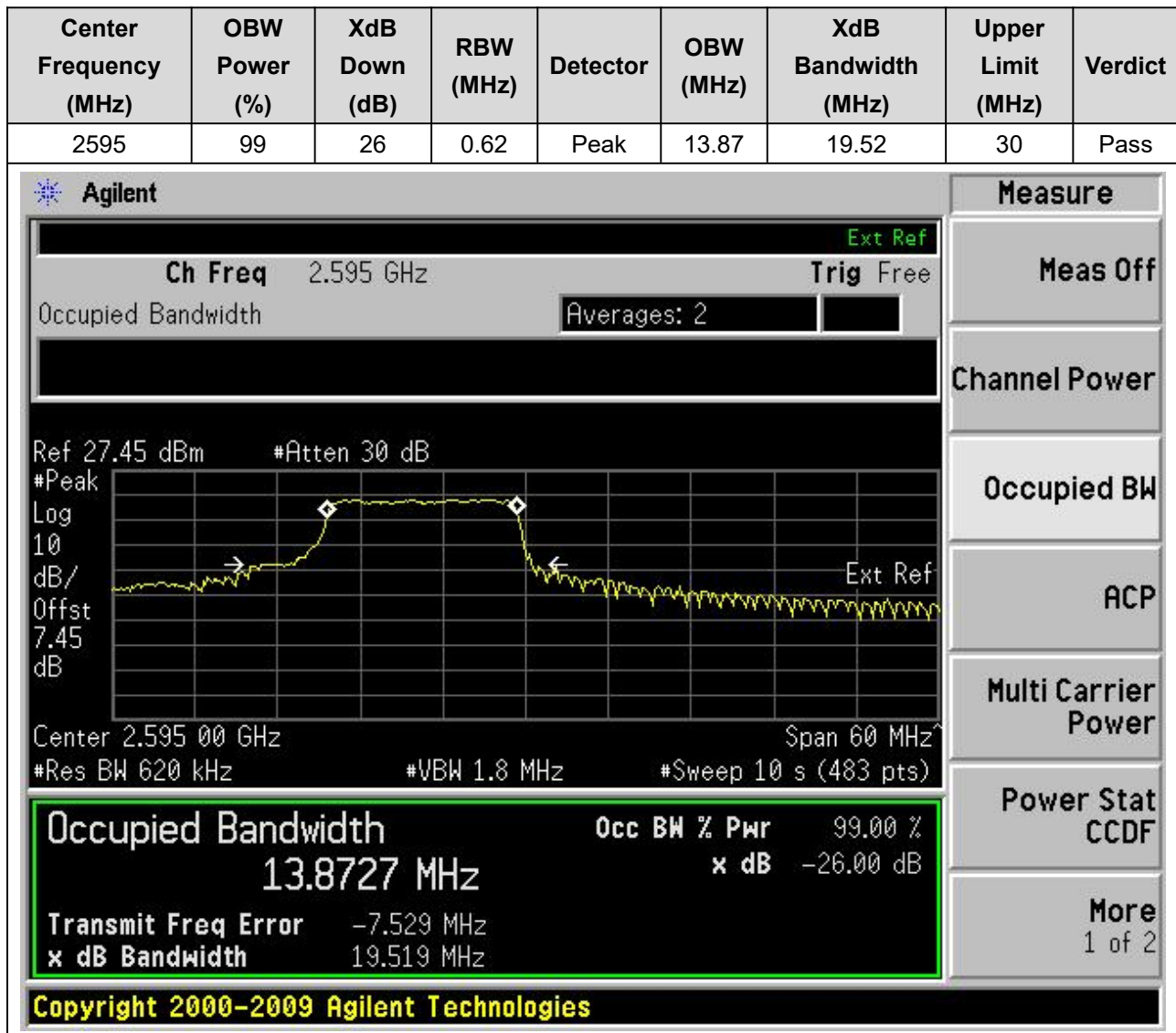


**2.13 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

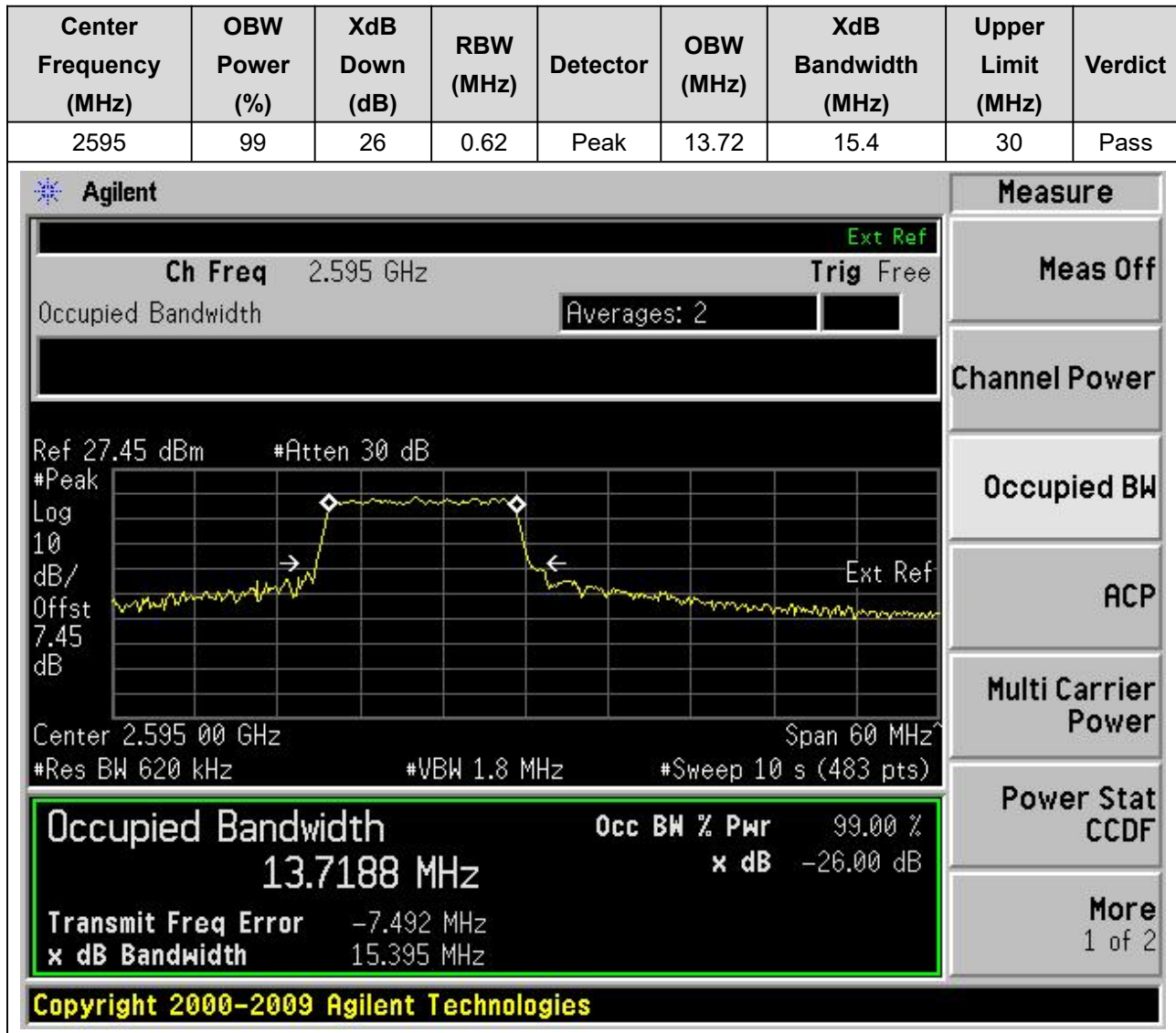


3. CA_38C

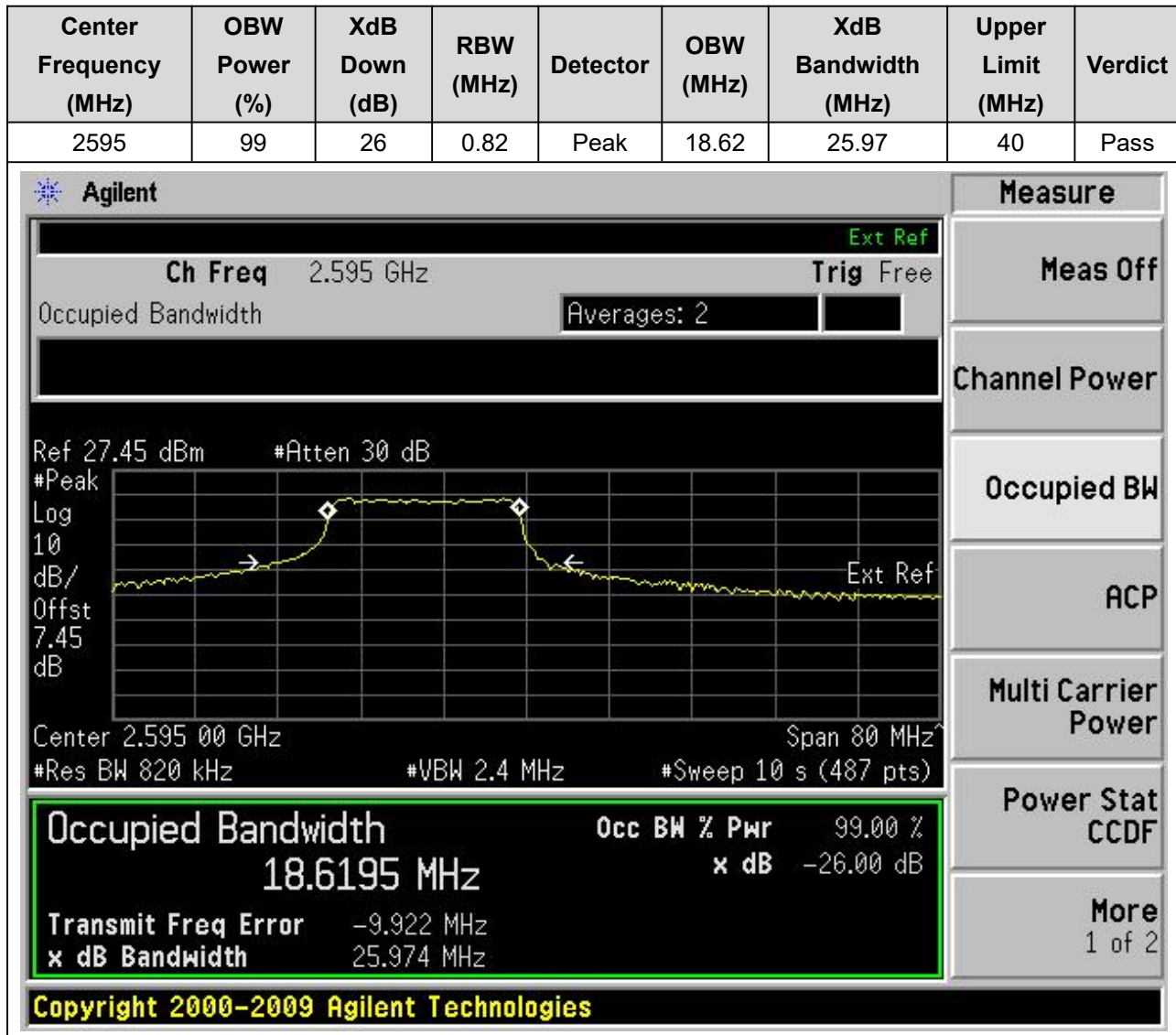
3.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



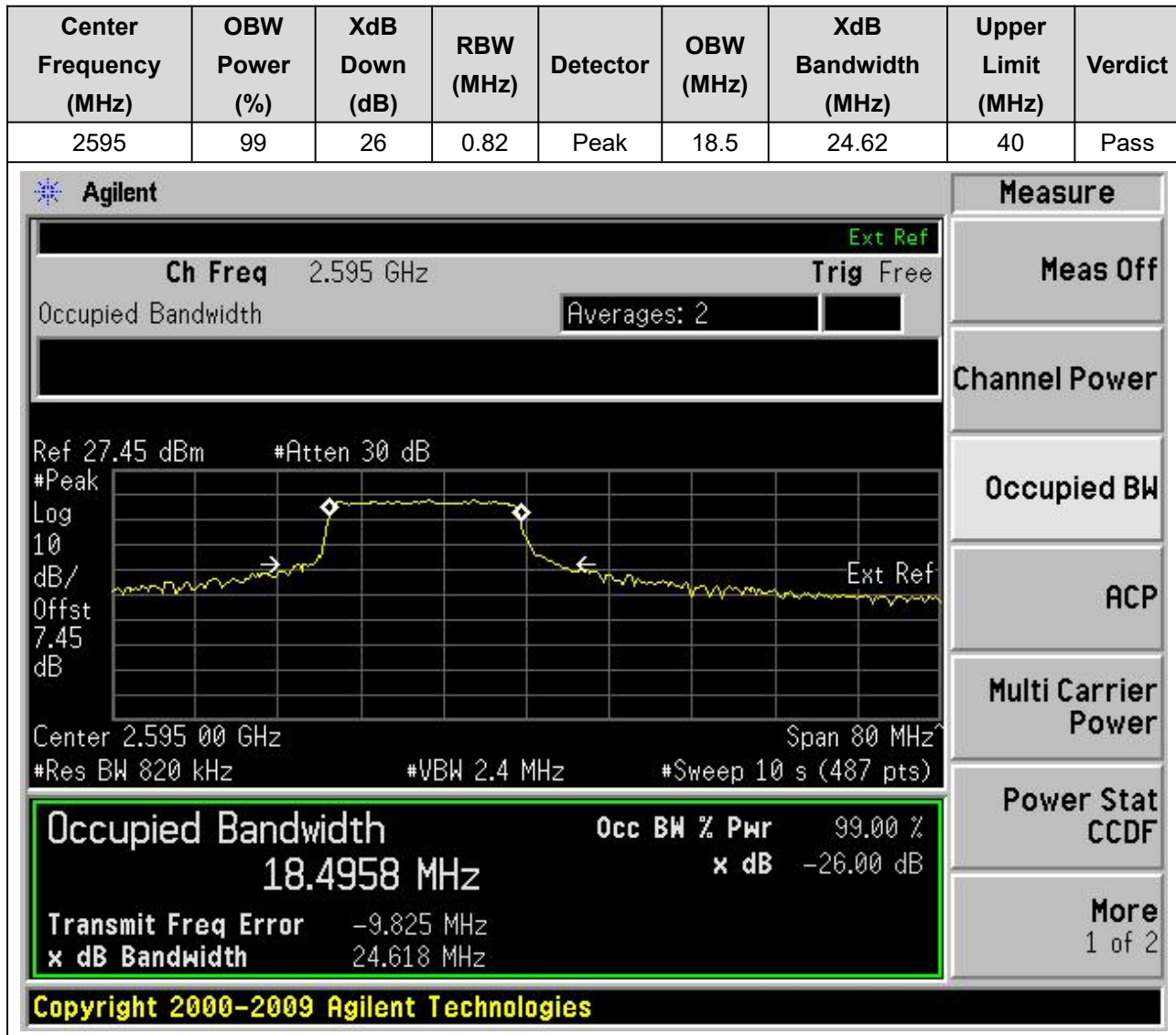
**3.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**3.3 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)**

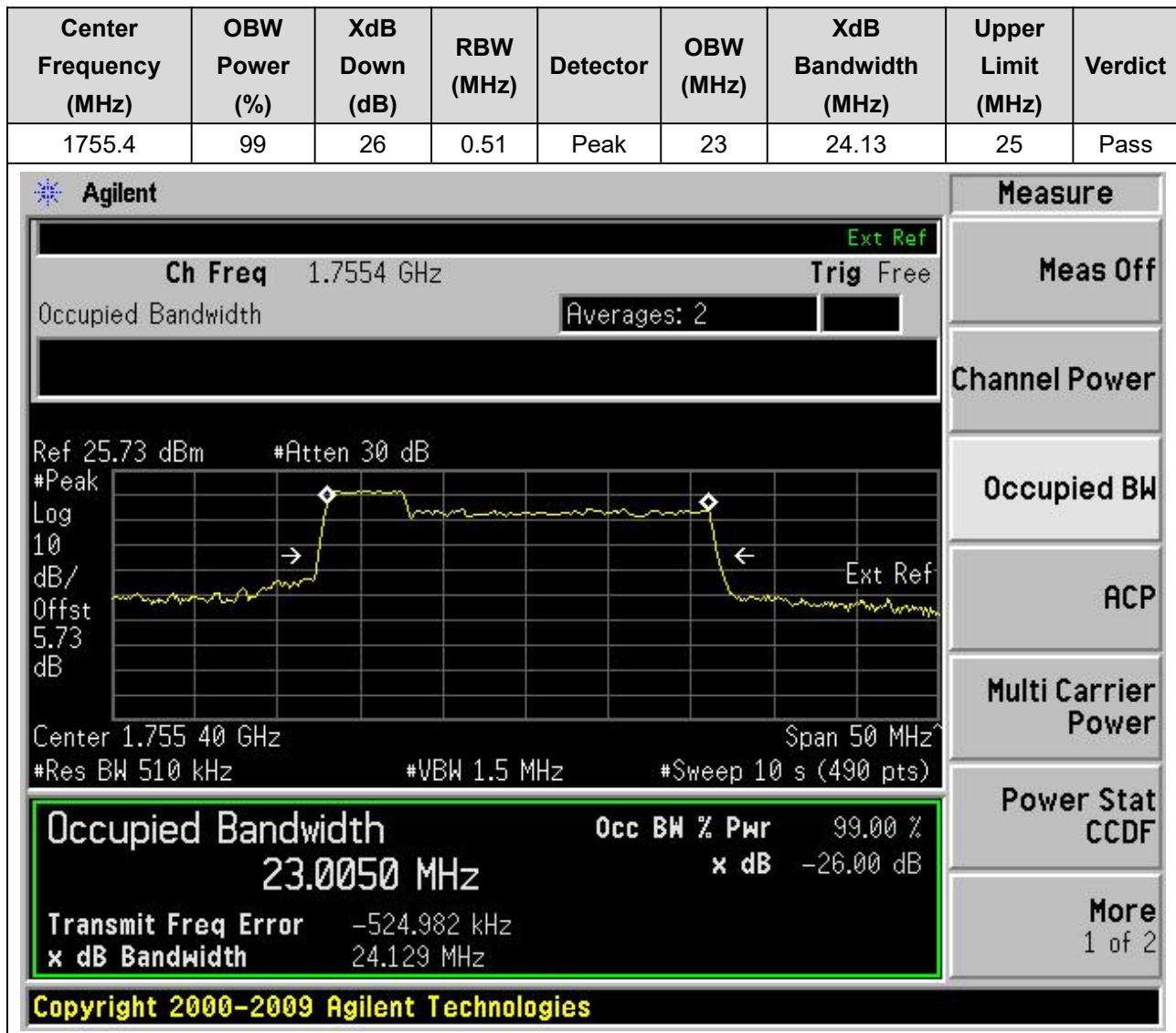


**3.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

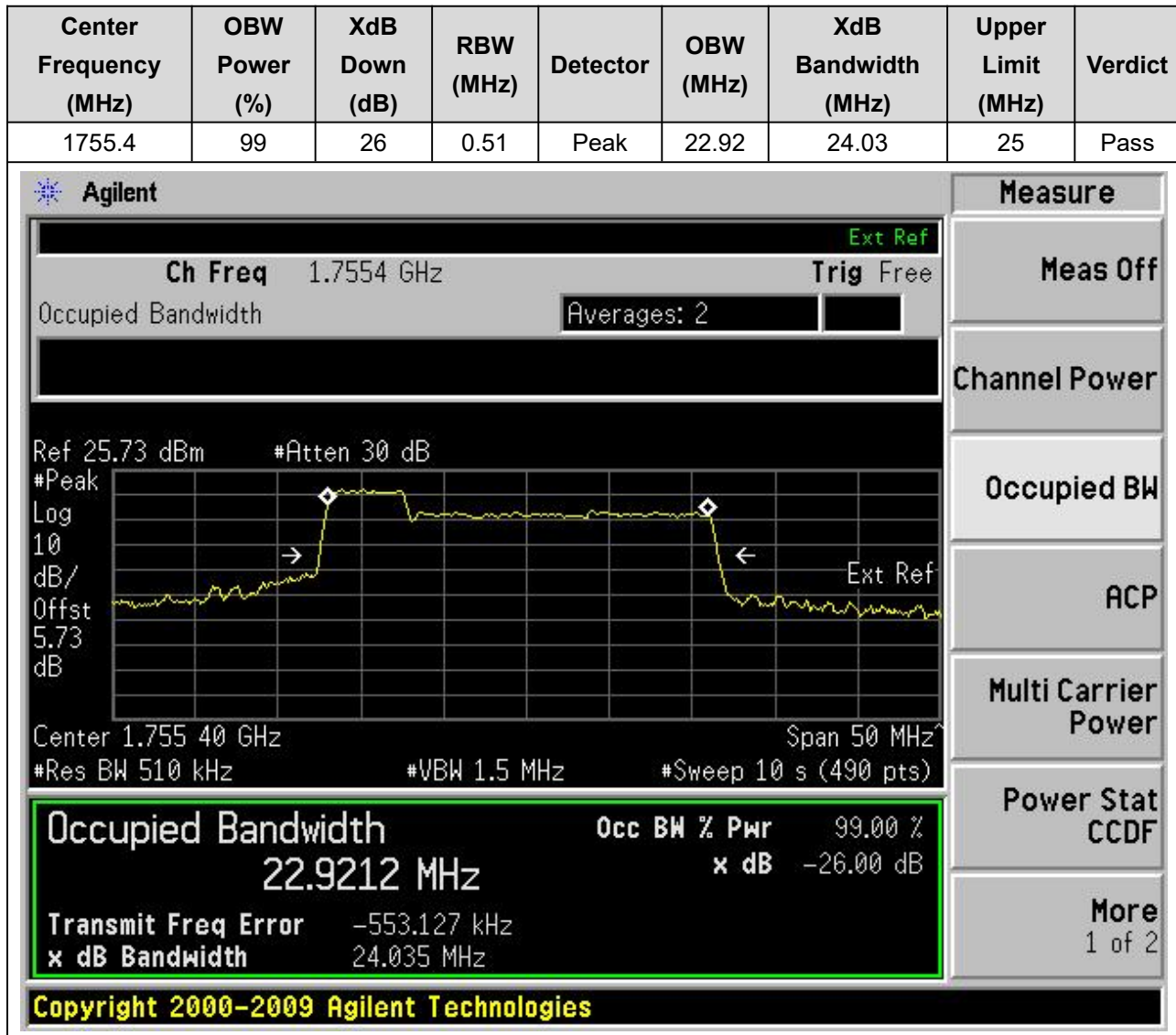


4. CA_66C

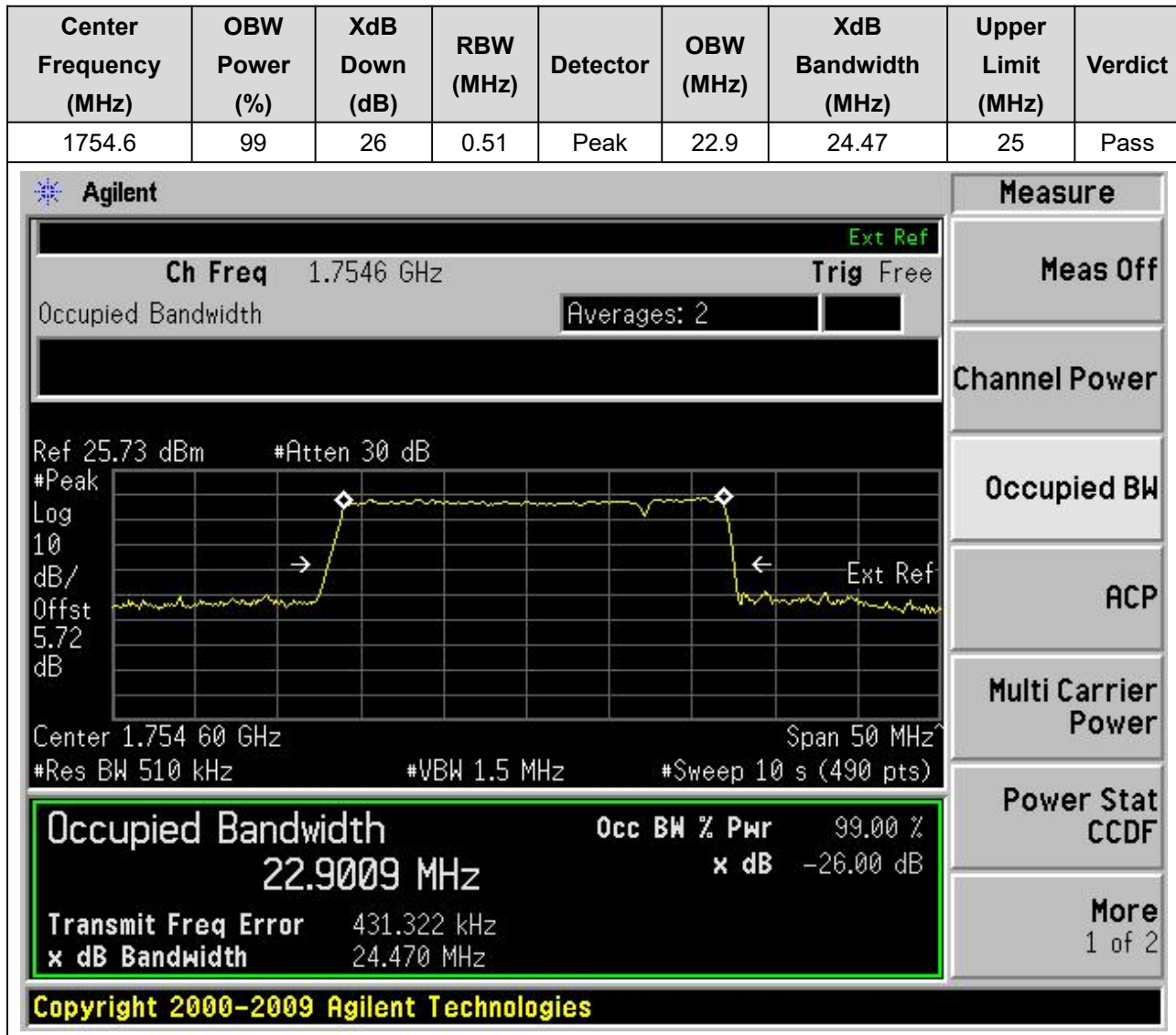
4.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:132330|132447, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



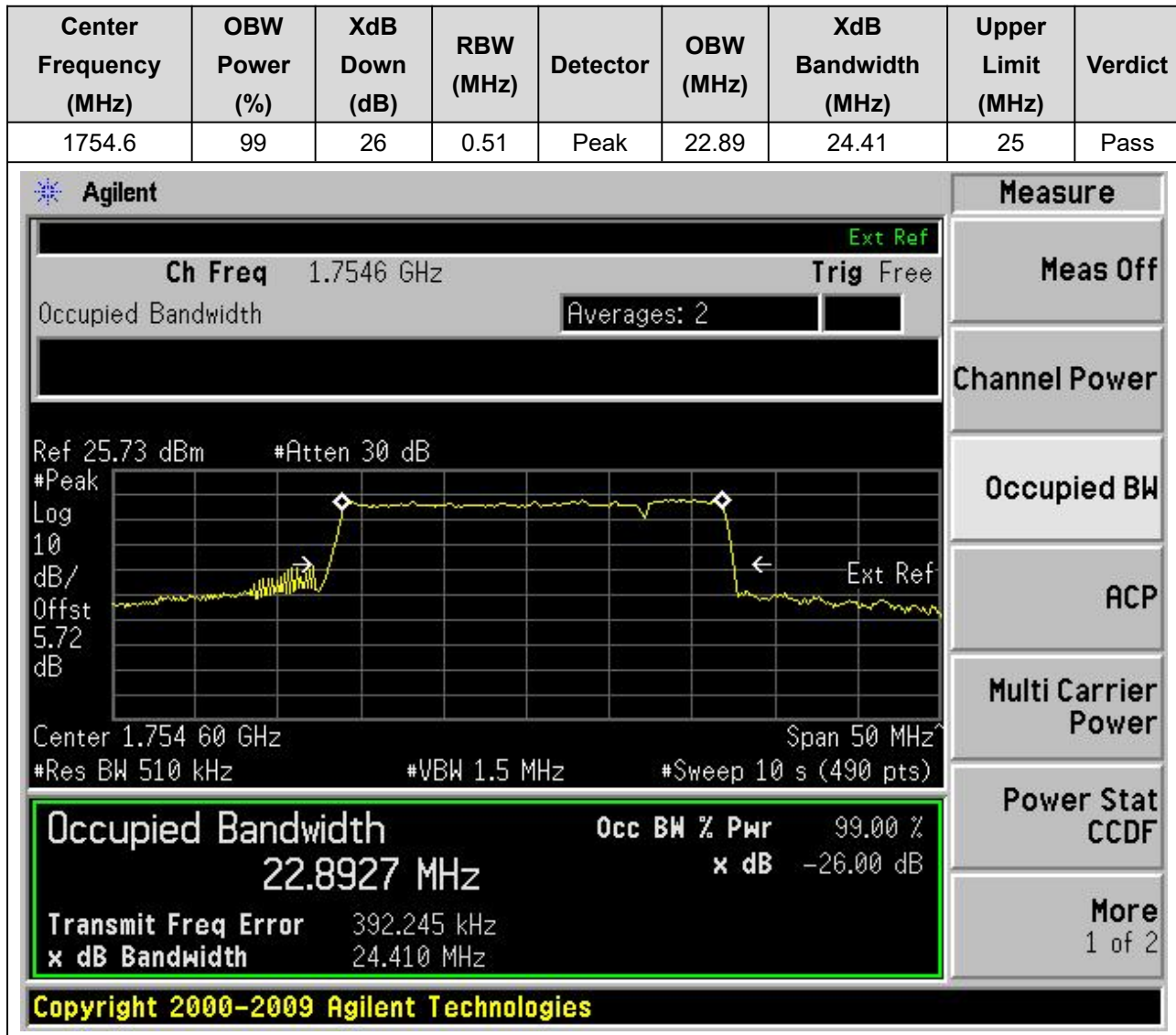
**4.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:132330|132447, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



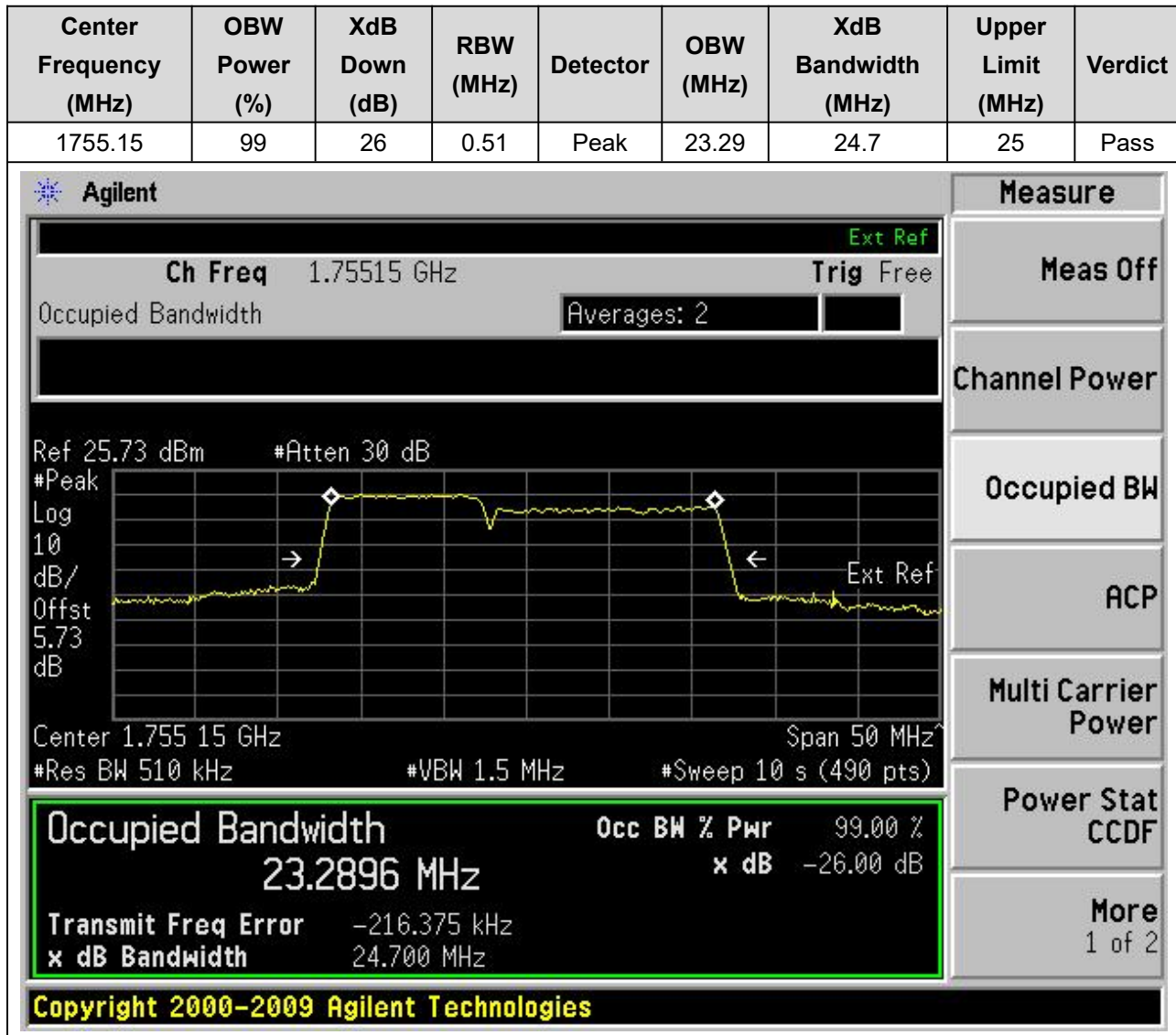
**4.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:132397|132514, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



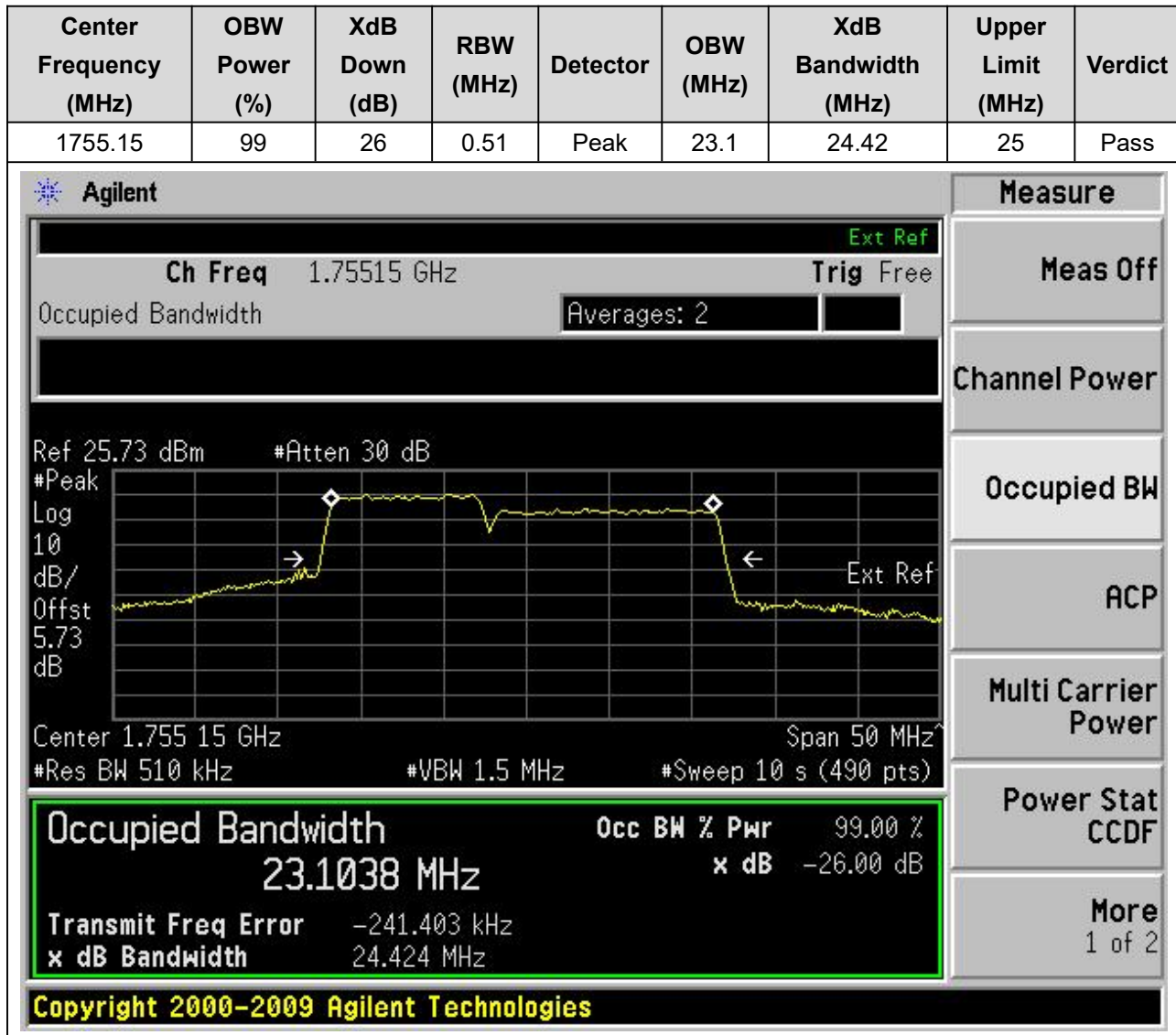
**4.5 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:132397|132514, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



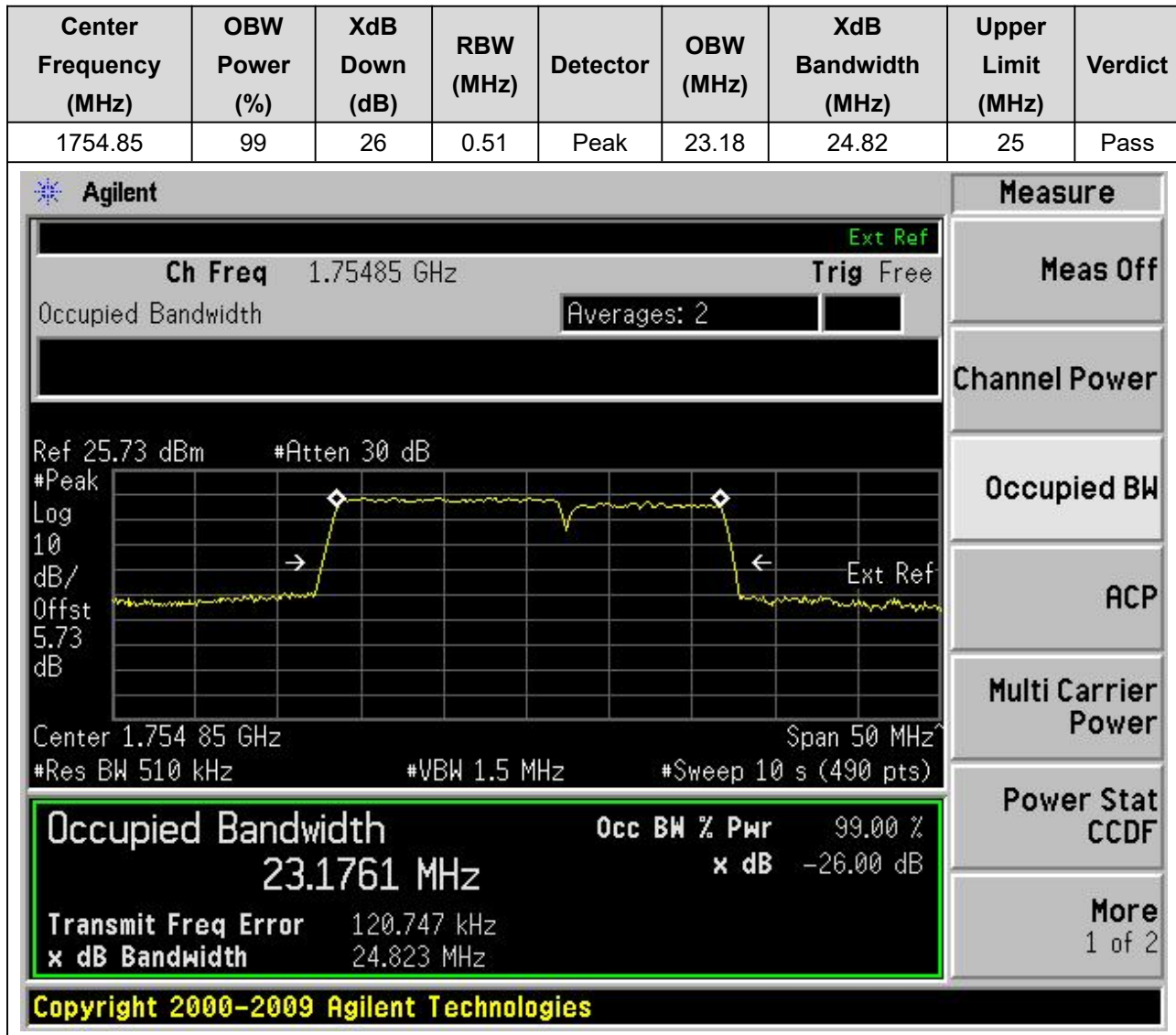
**4.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:132351|132471, Bandwidth:10|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



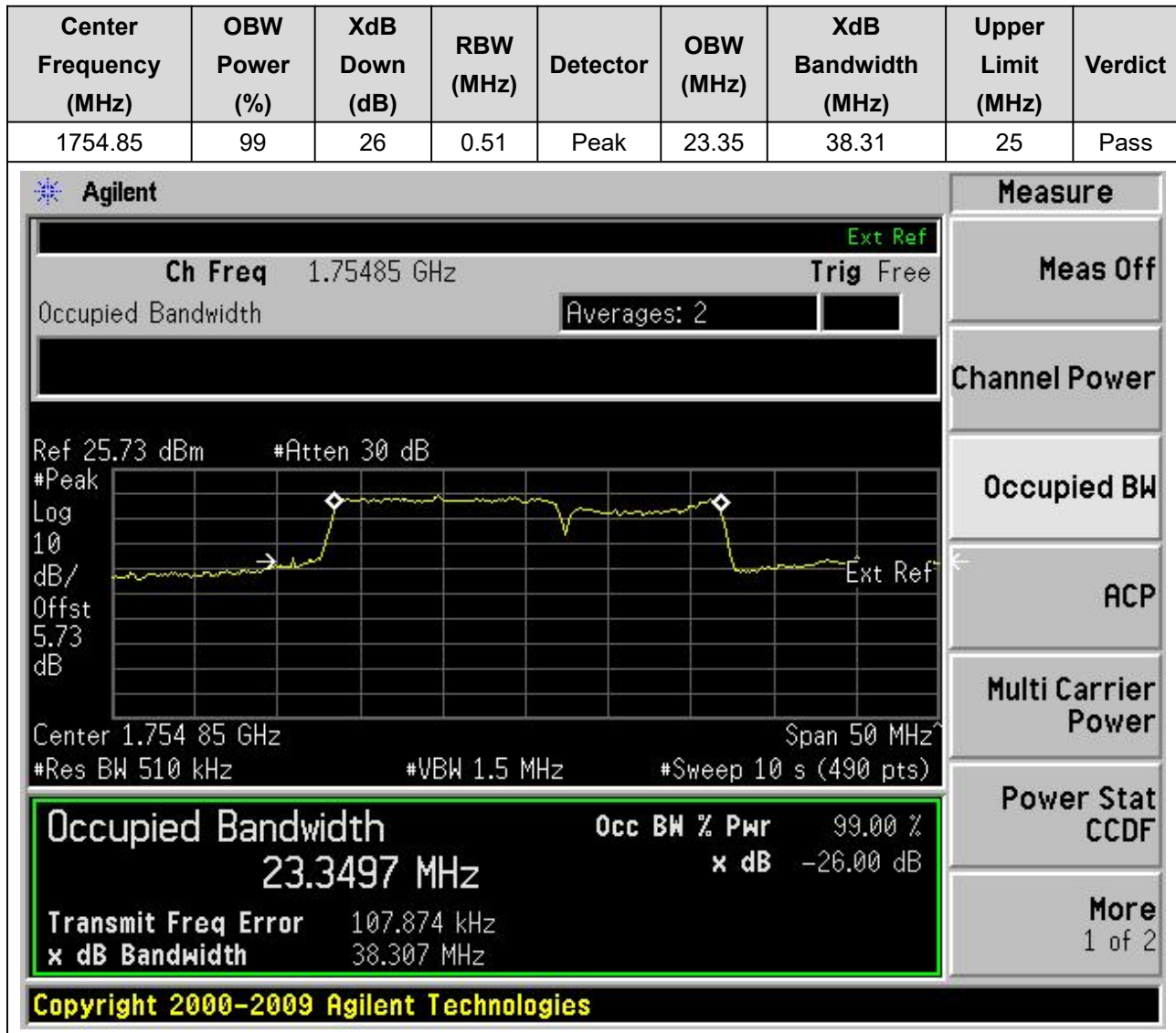
**4.7 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:132351|132471, Bandwidth:10|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



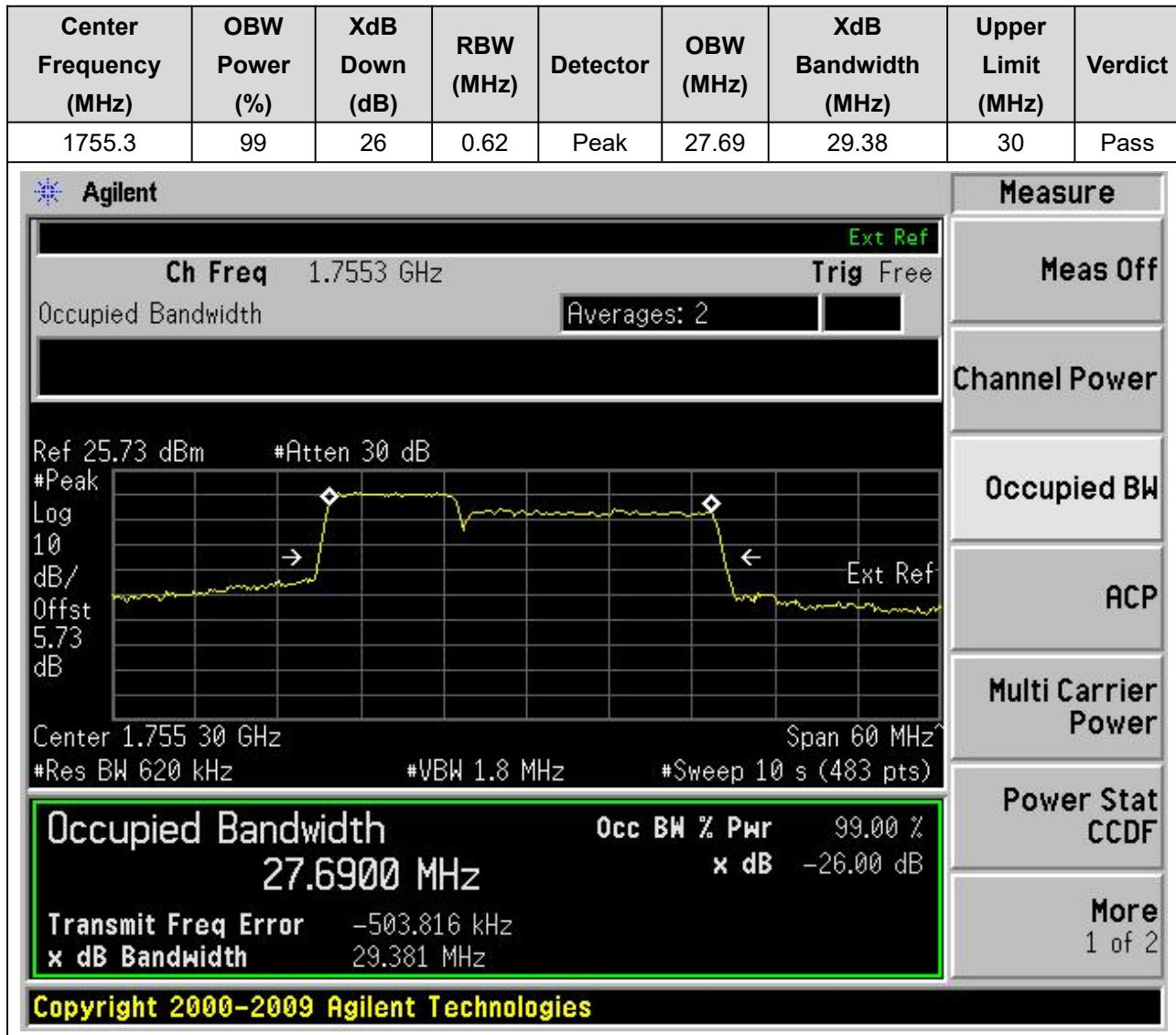
**4.8 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:132373|132493, Bandwidth:15|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



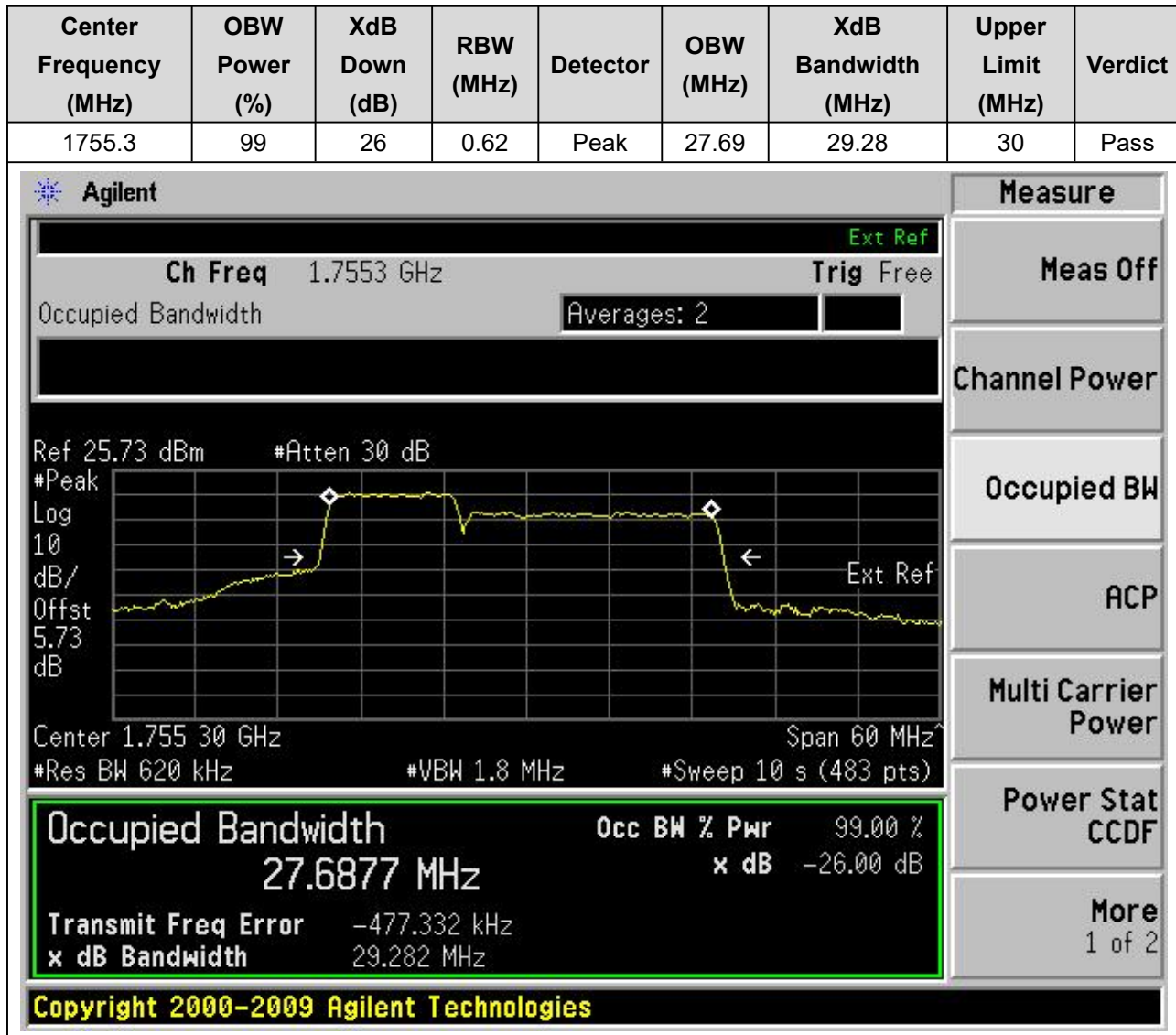
**4.9 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:132373|132493, Bandwidth:15|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



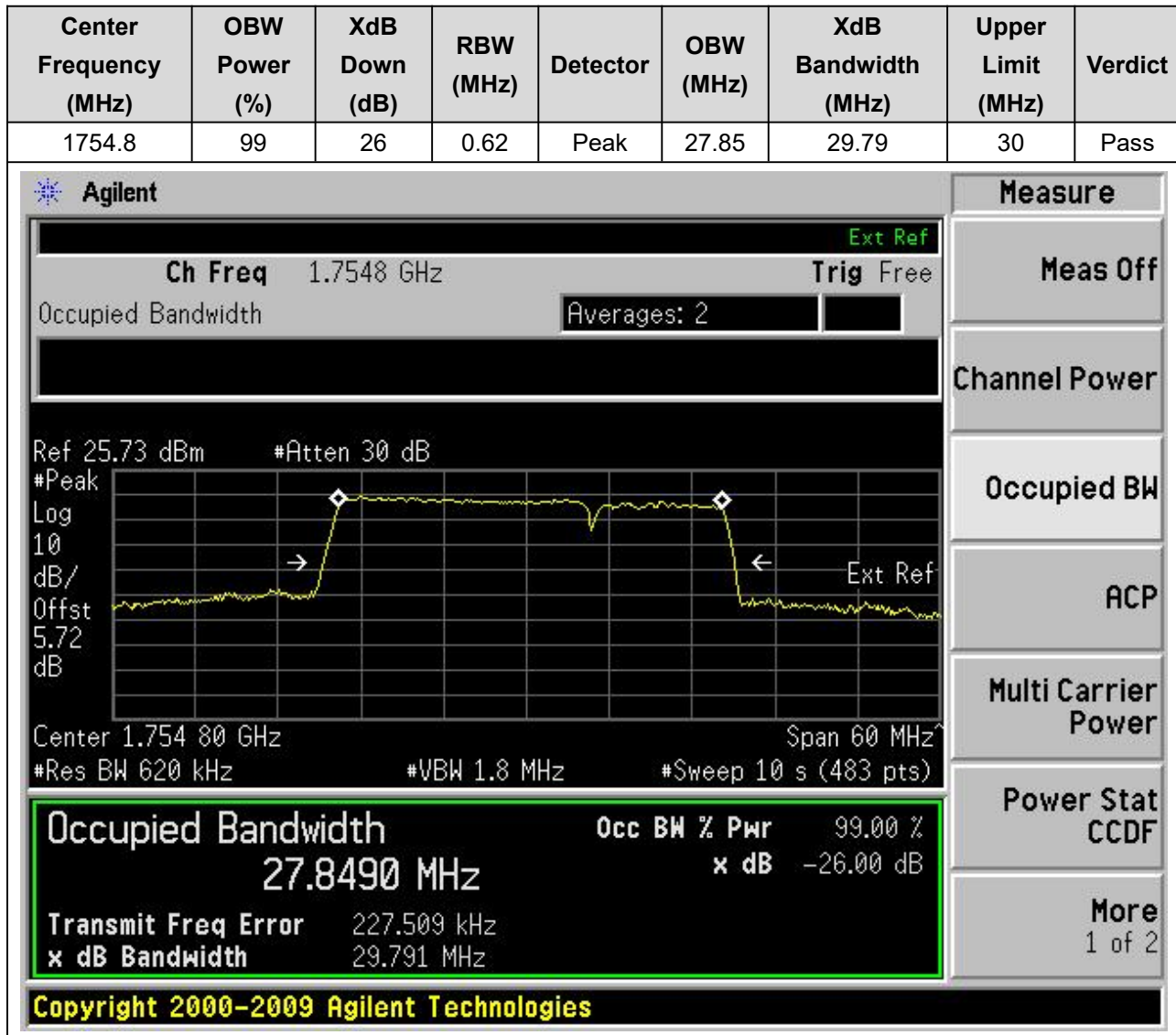
**4.10 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:132328|132472, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



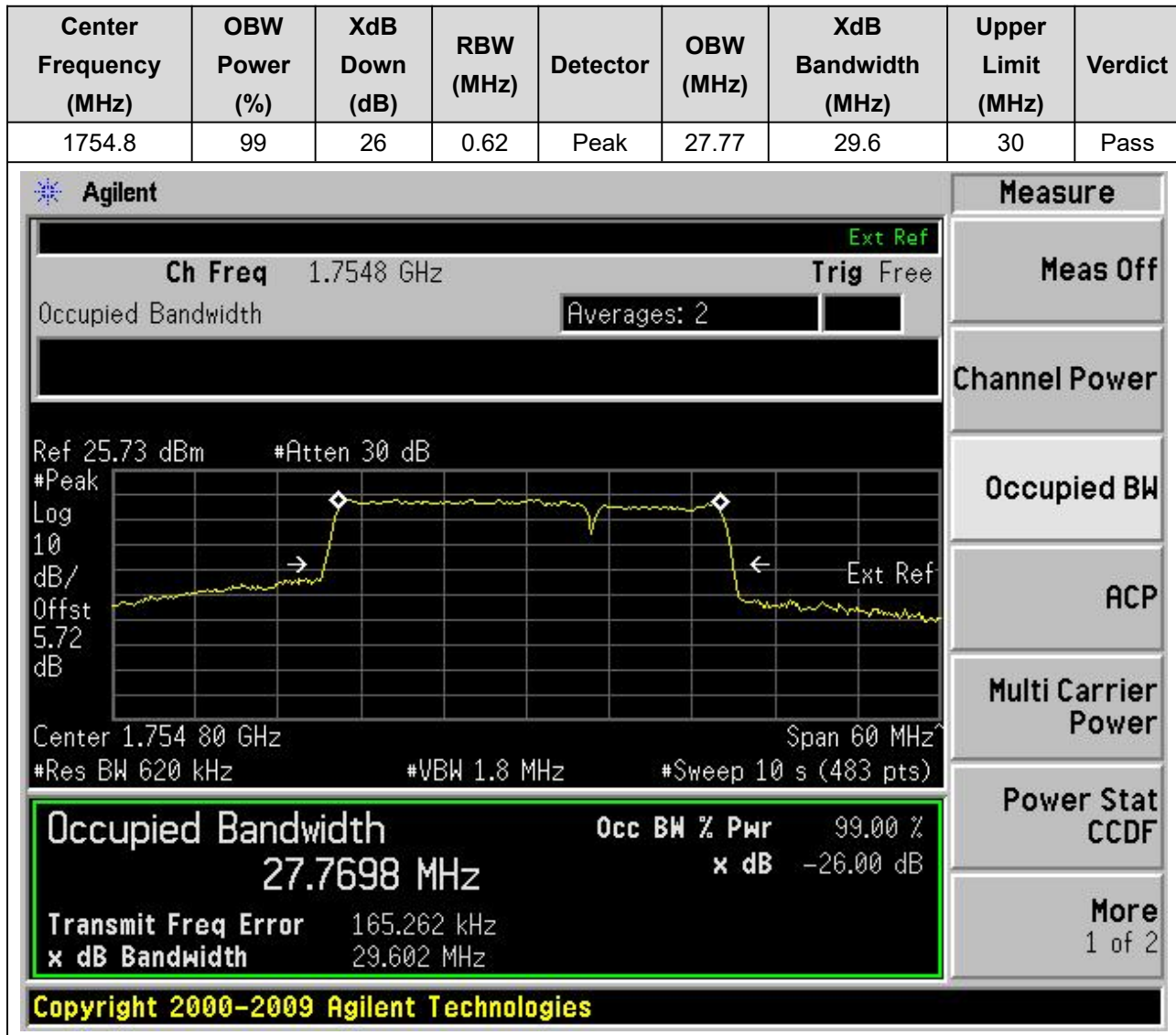
**4.11 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:132328|132472, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



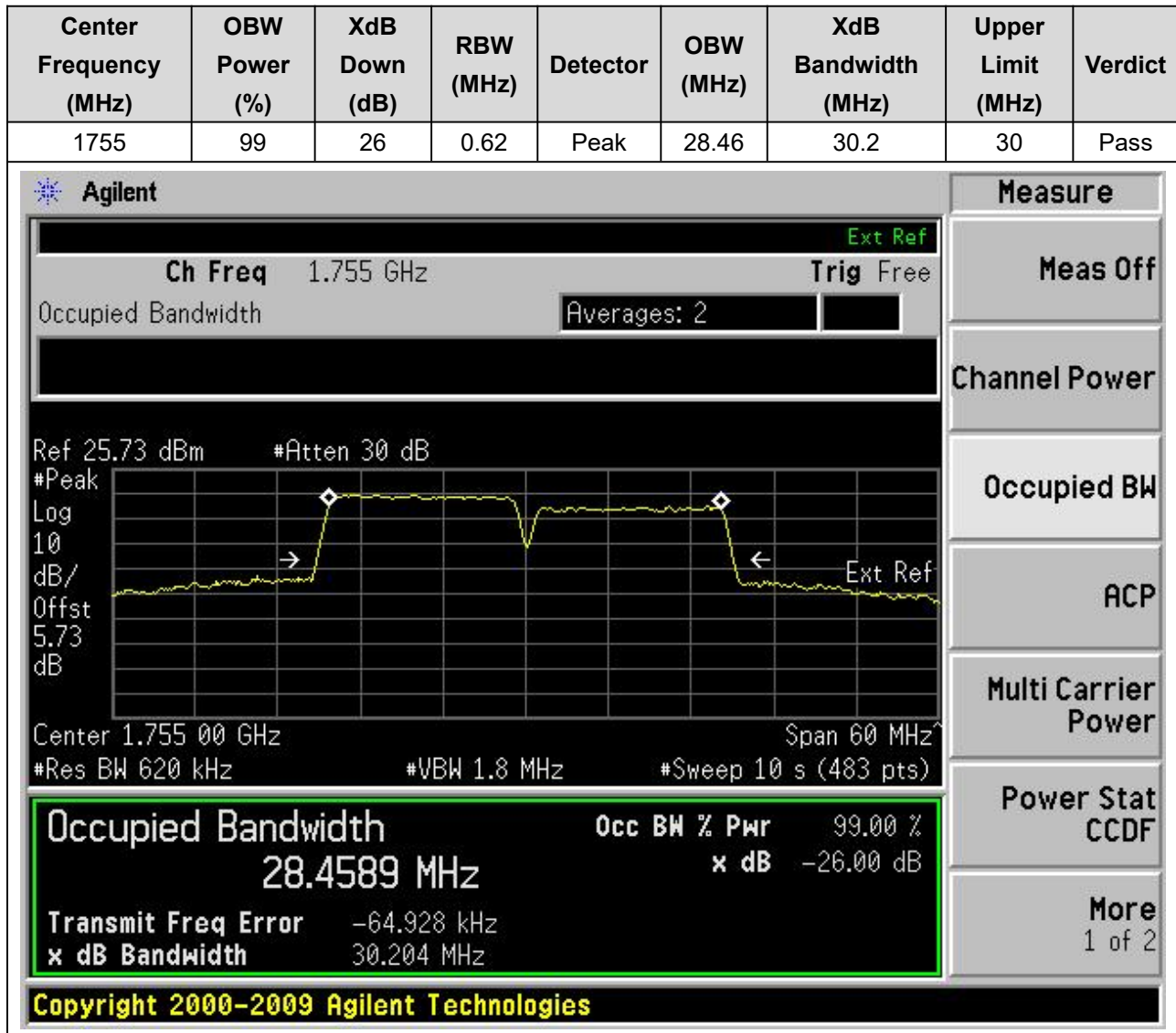
**4.12 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:132373|132517, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



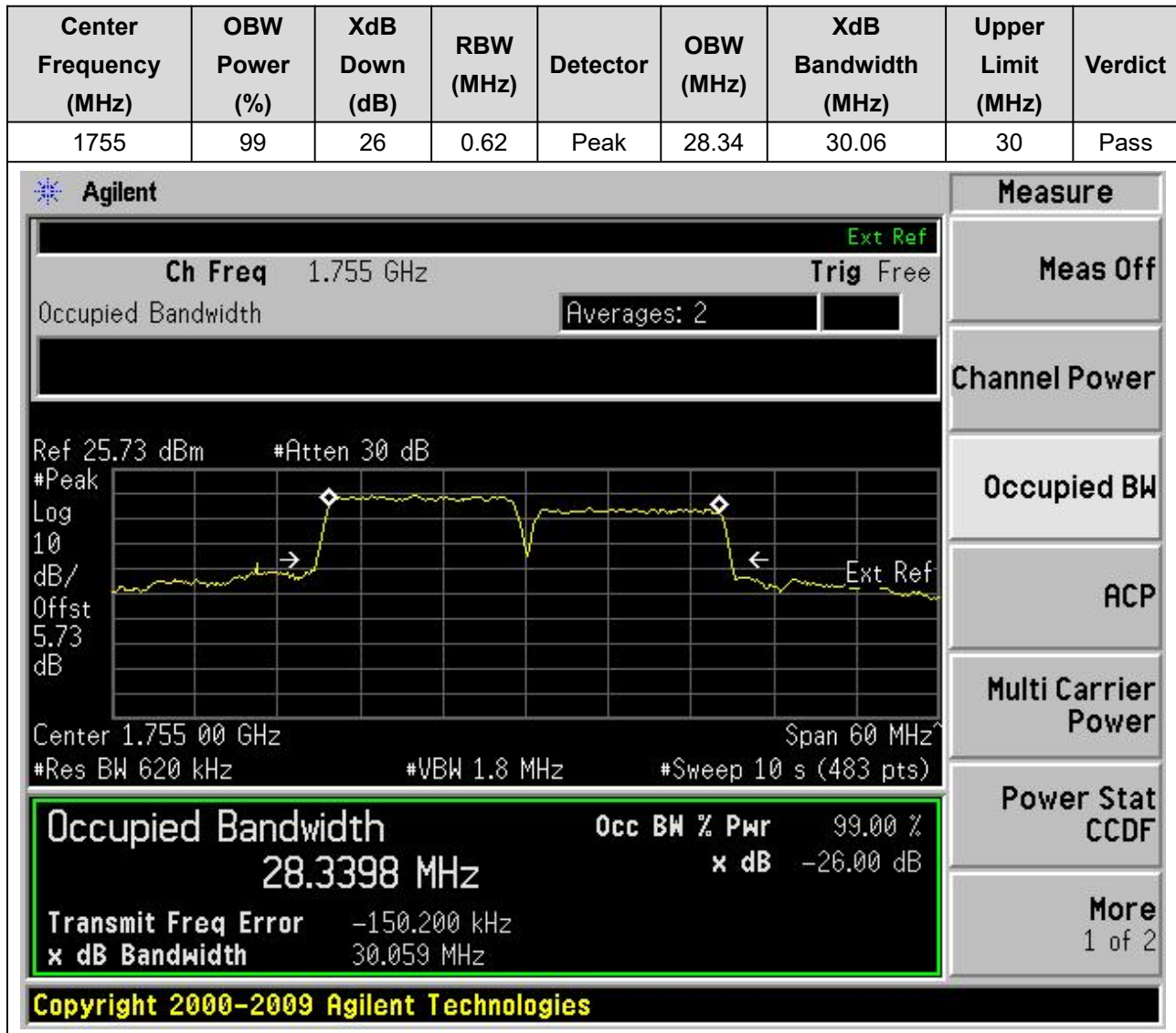
**4.13 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:132373|132517, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



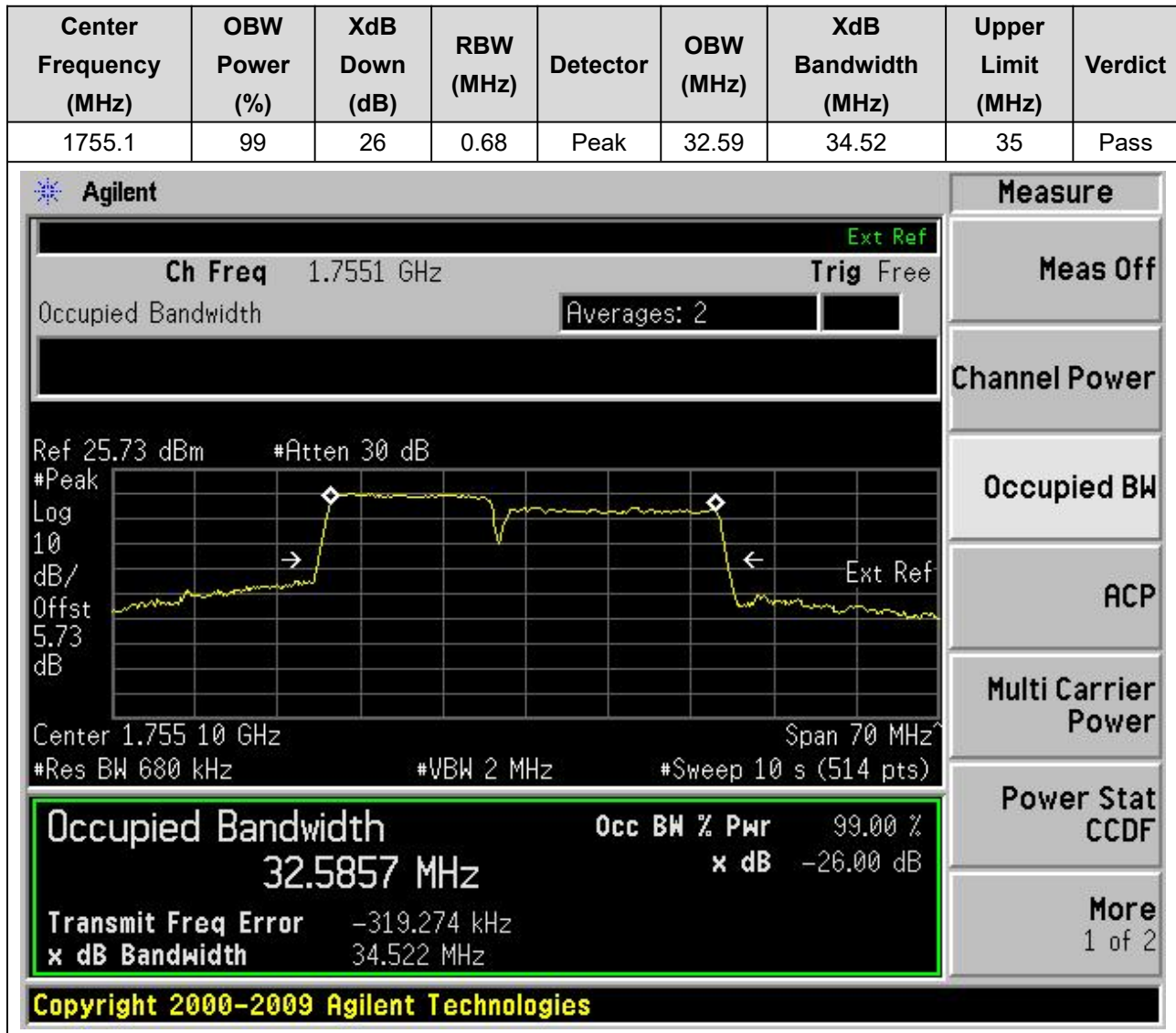
**4.14 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:132347|132497, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



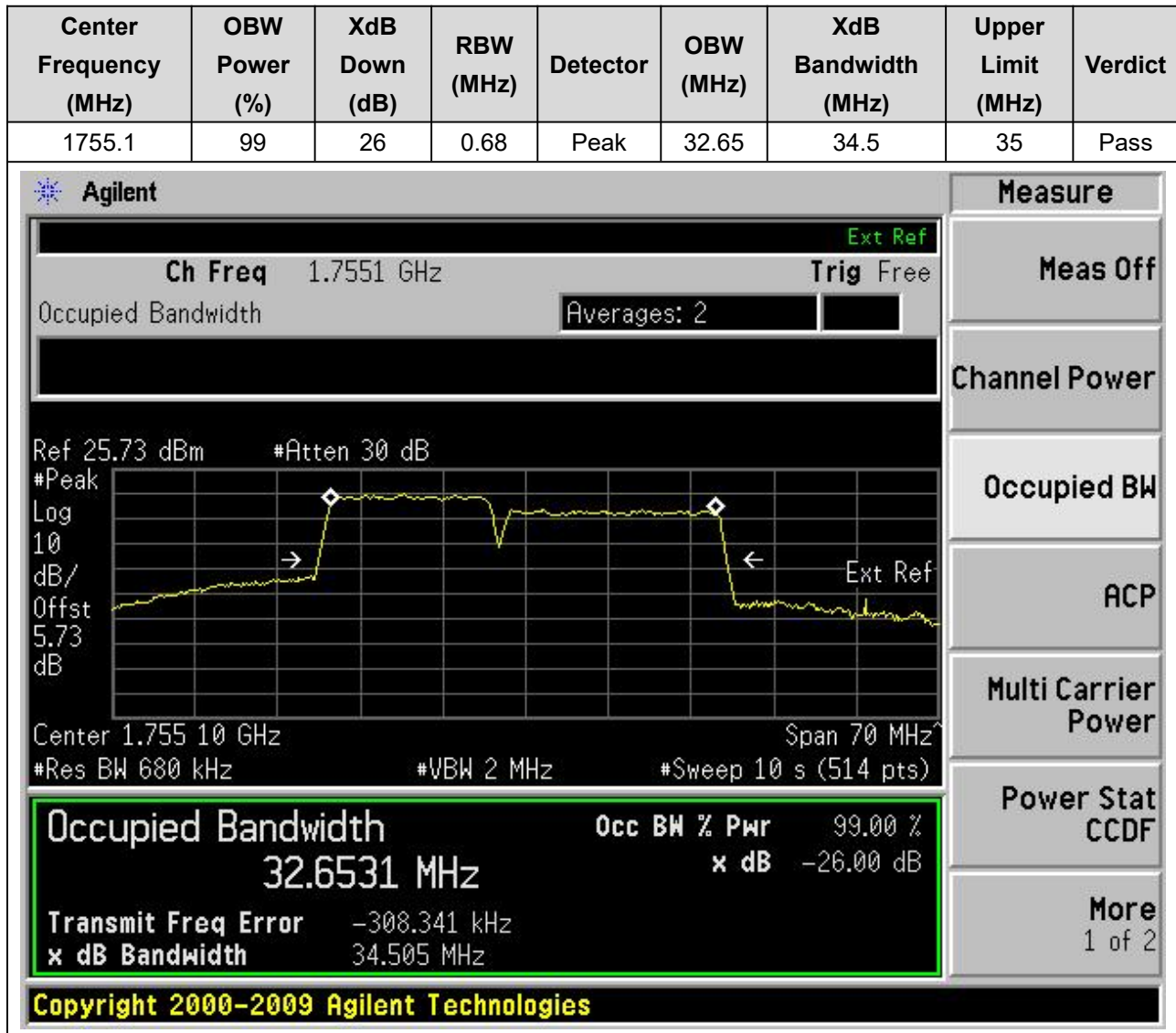
**4.15 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:132347|132497, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



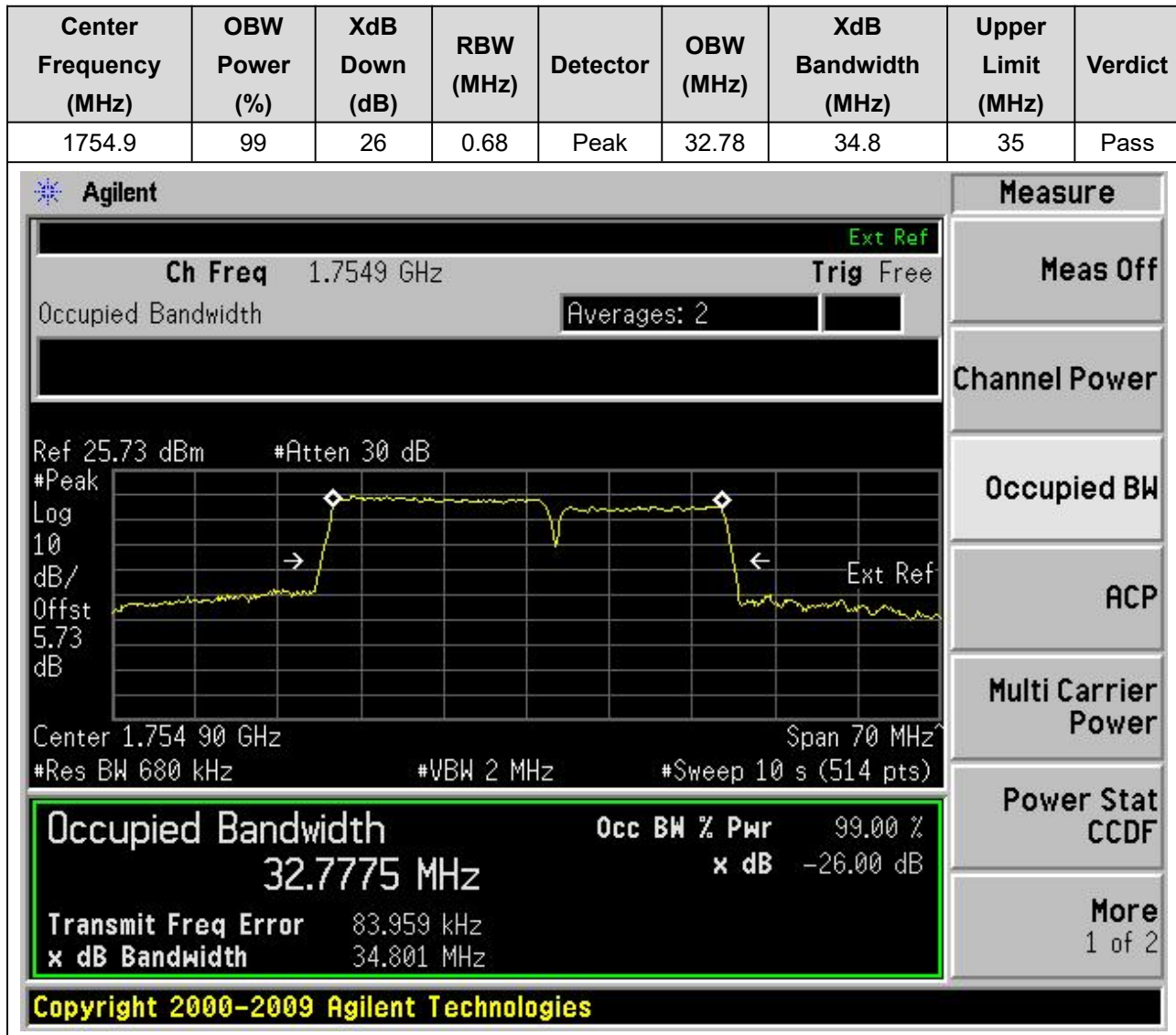
**4.16 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:132325|132496, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**4.17 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:132325|132496, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**4.18 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:11,
Channel:132348|132519, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**4.19 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:12,
Channel:132348|132519, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

