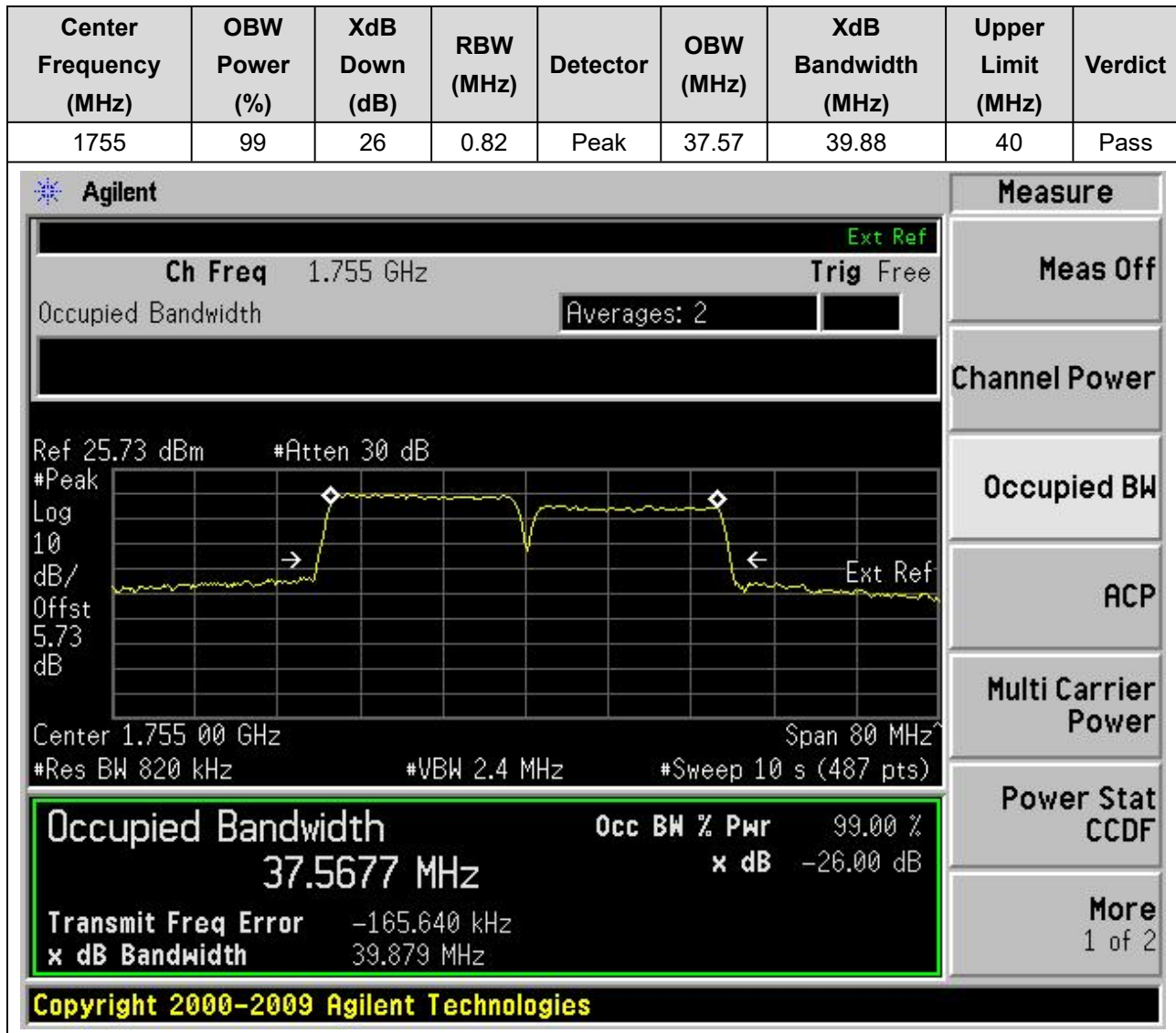
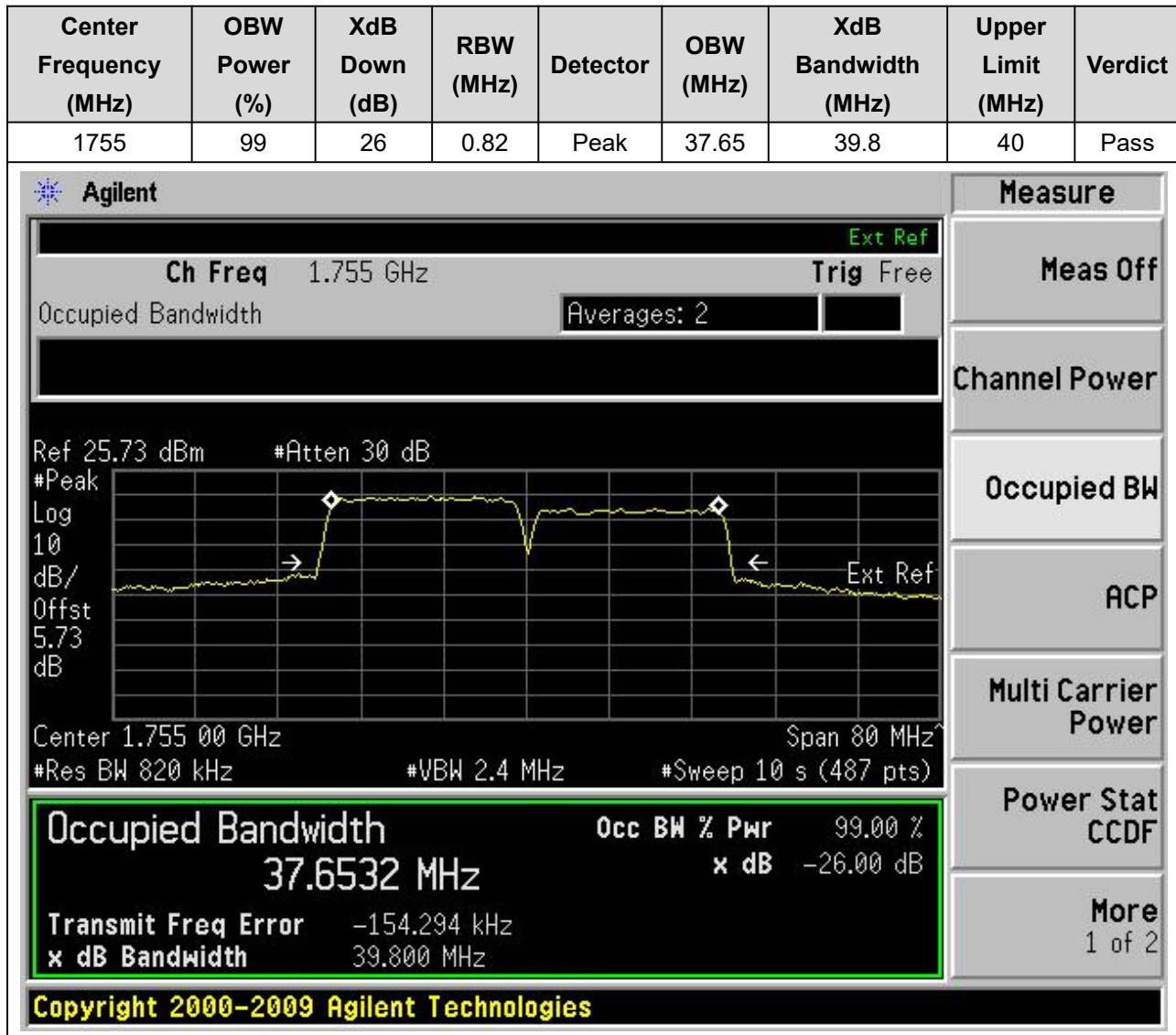


Occupied Bandwidth

4.20 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:13,
Channel:132323|132521, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)

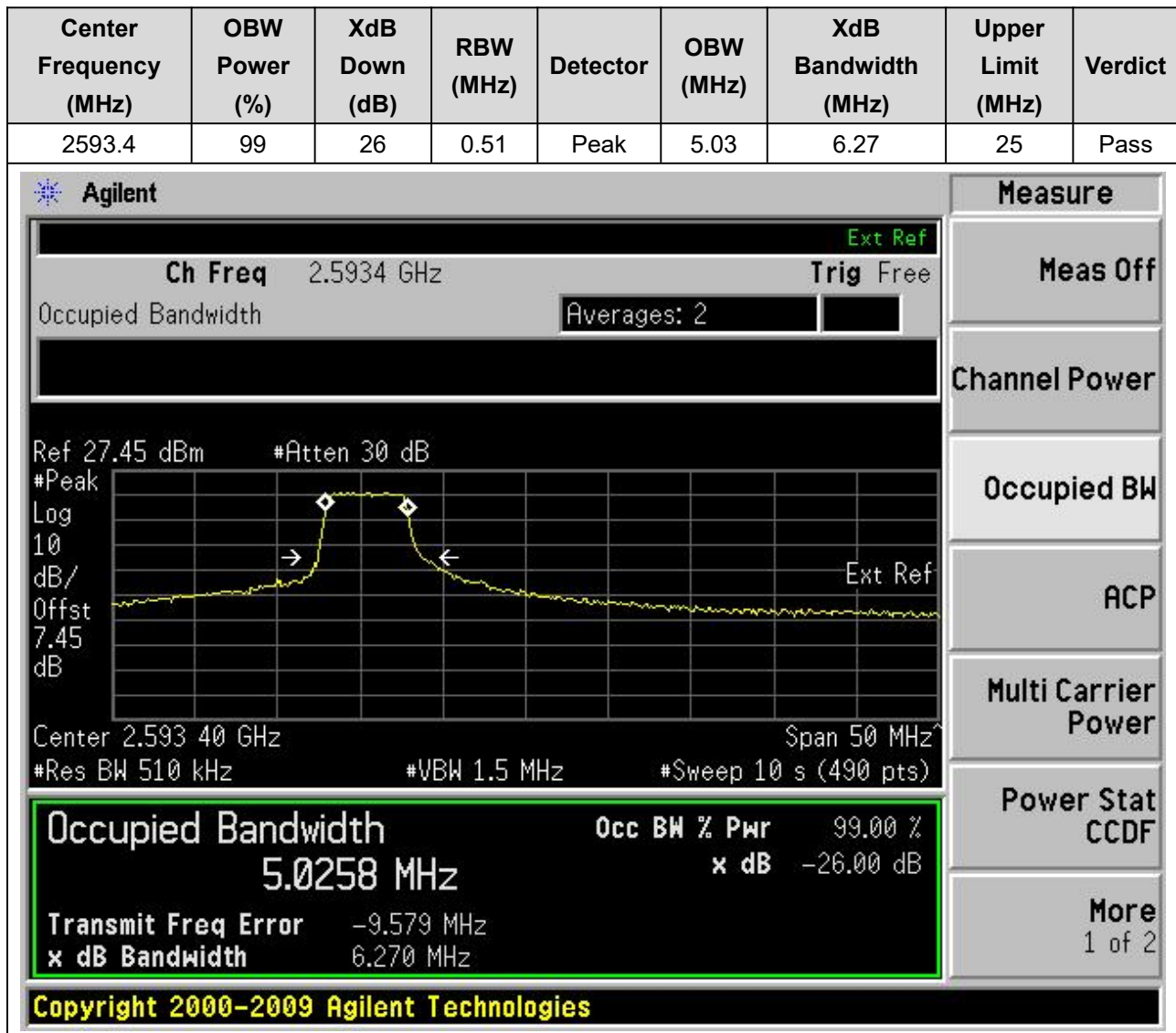


**4.21 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:14,
Channel:132323|132521, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

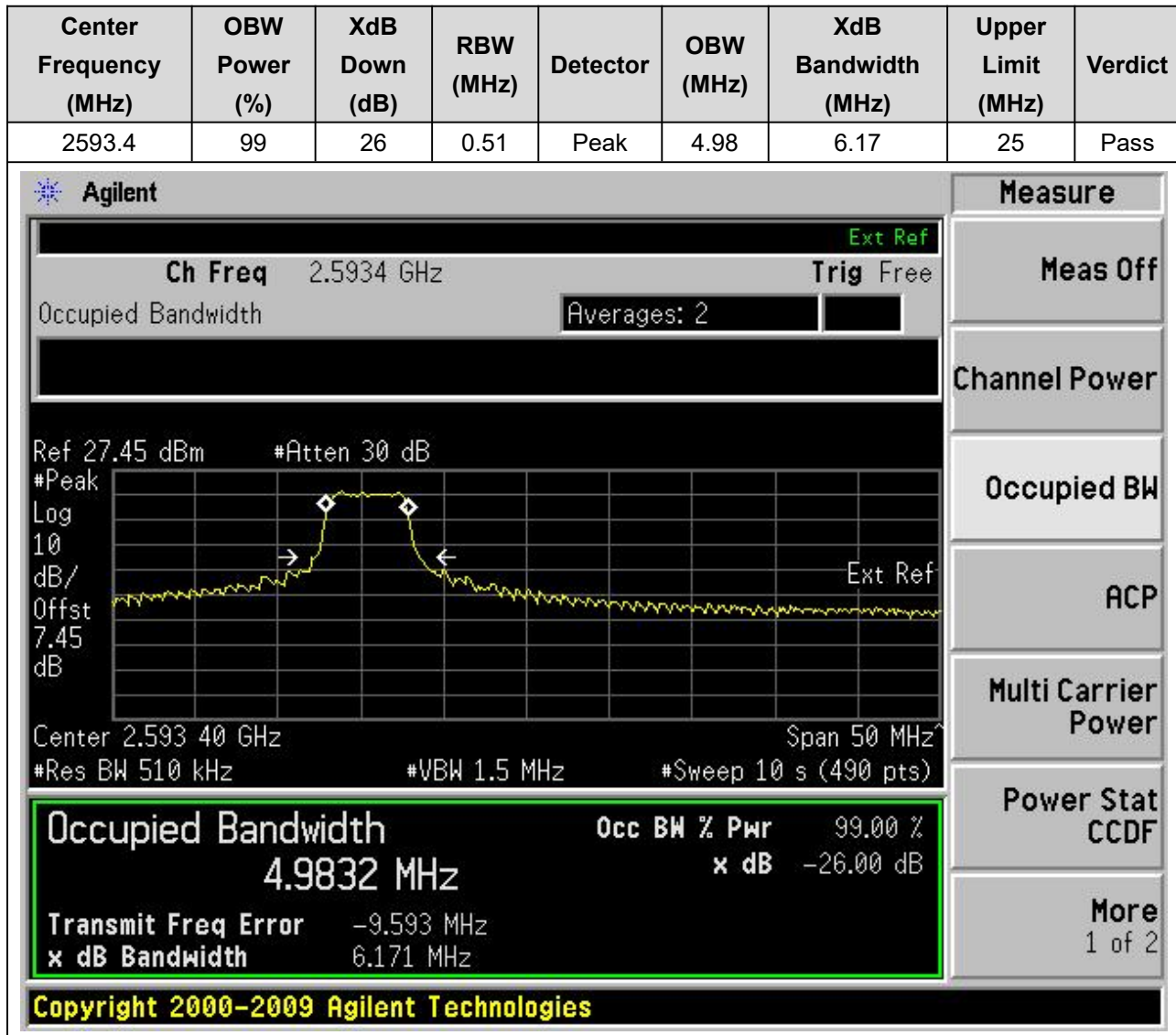


5. CA_41C_full

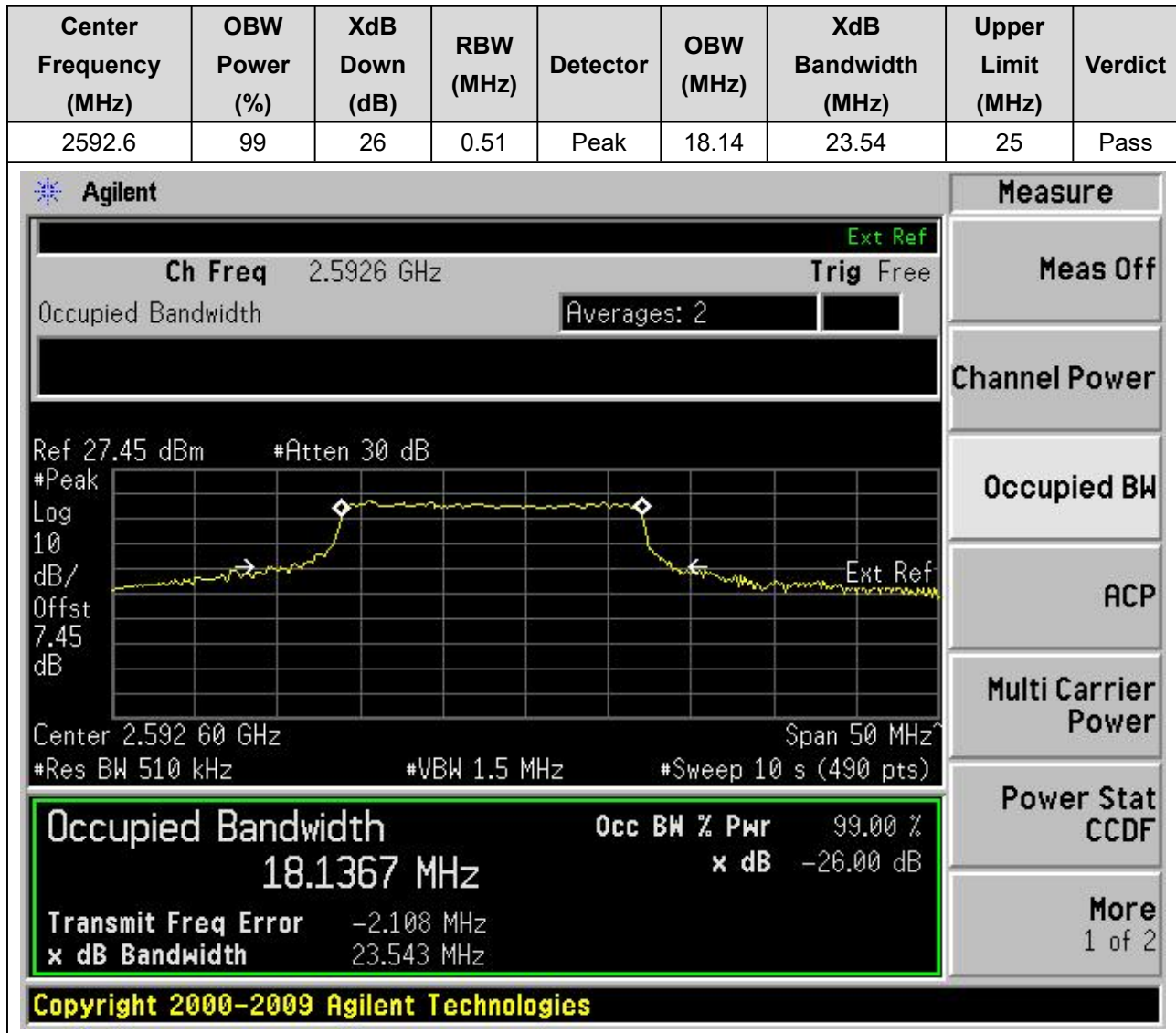
5.1 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:40528|40645, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



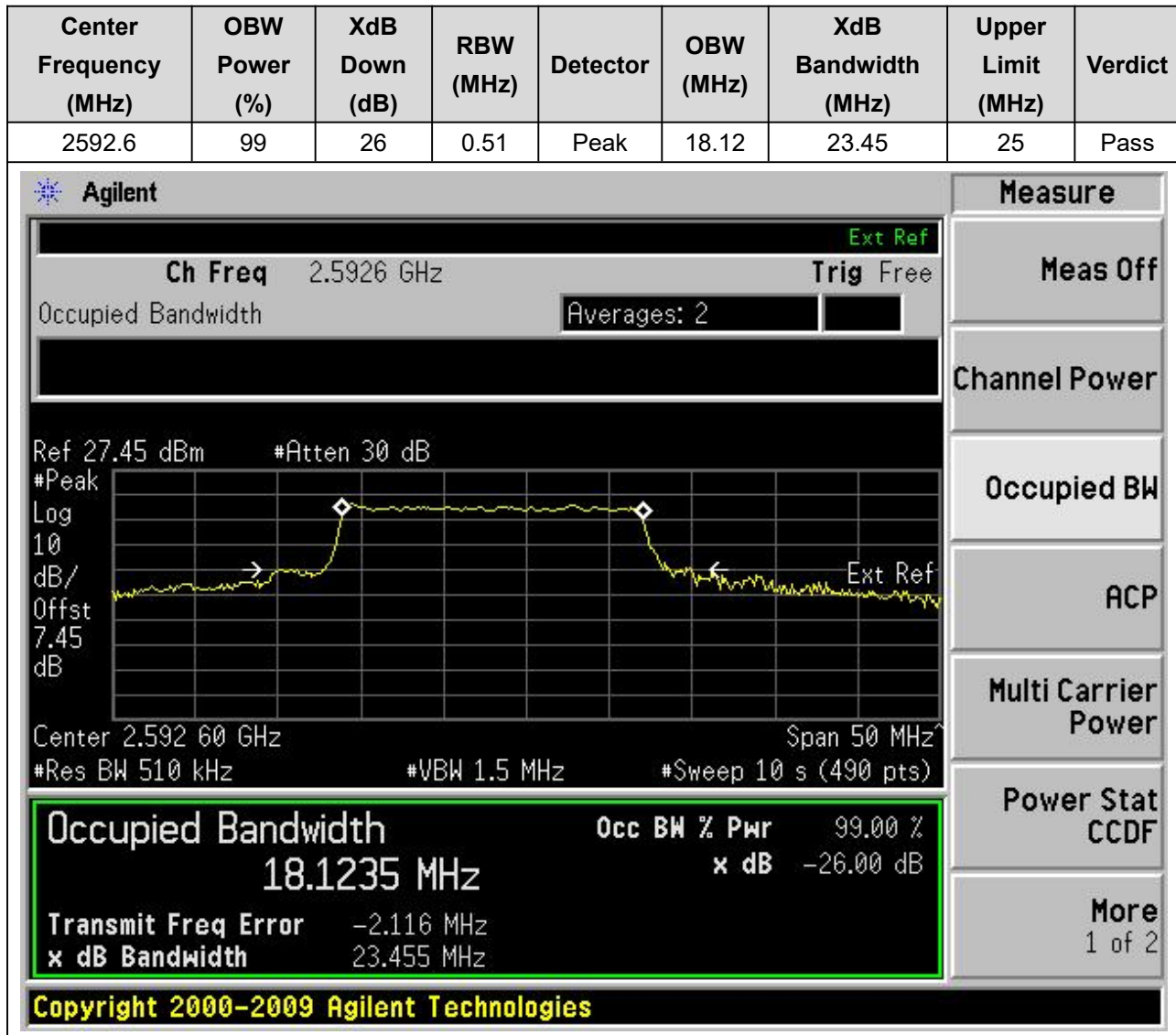
**5.2 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:40528|40645, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



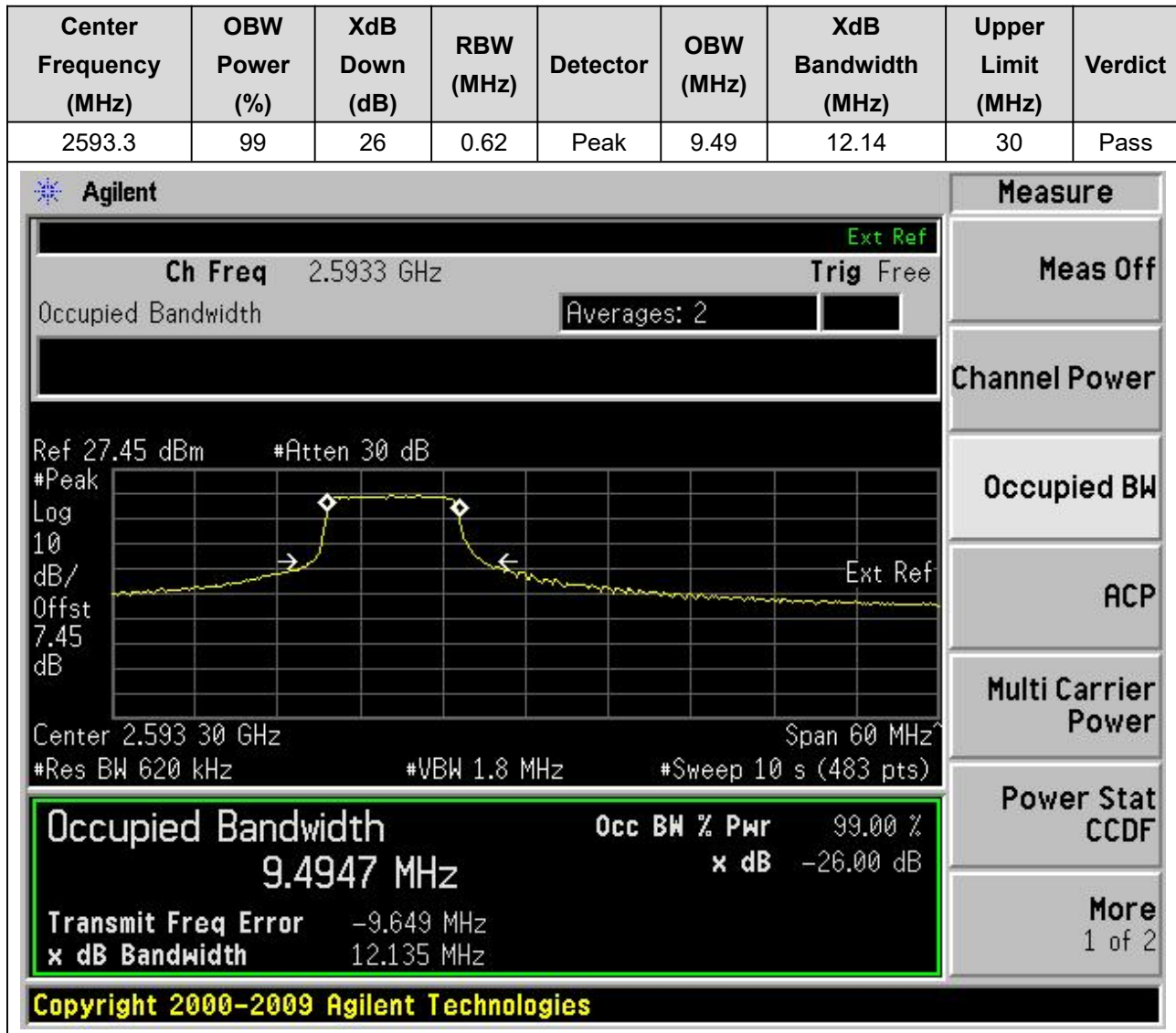
**5.3 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:40595|40712, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



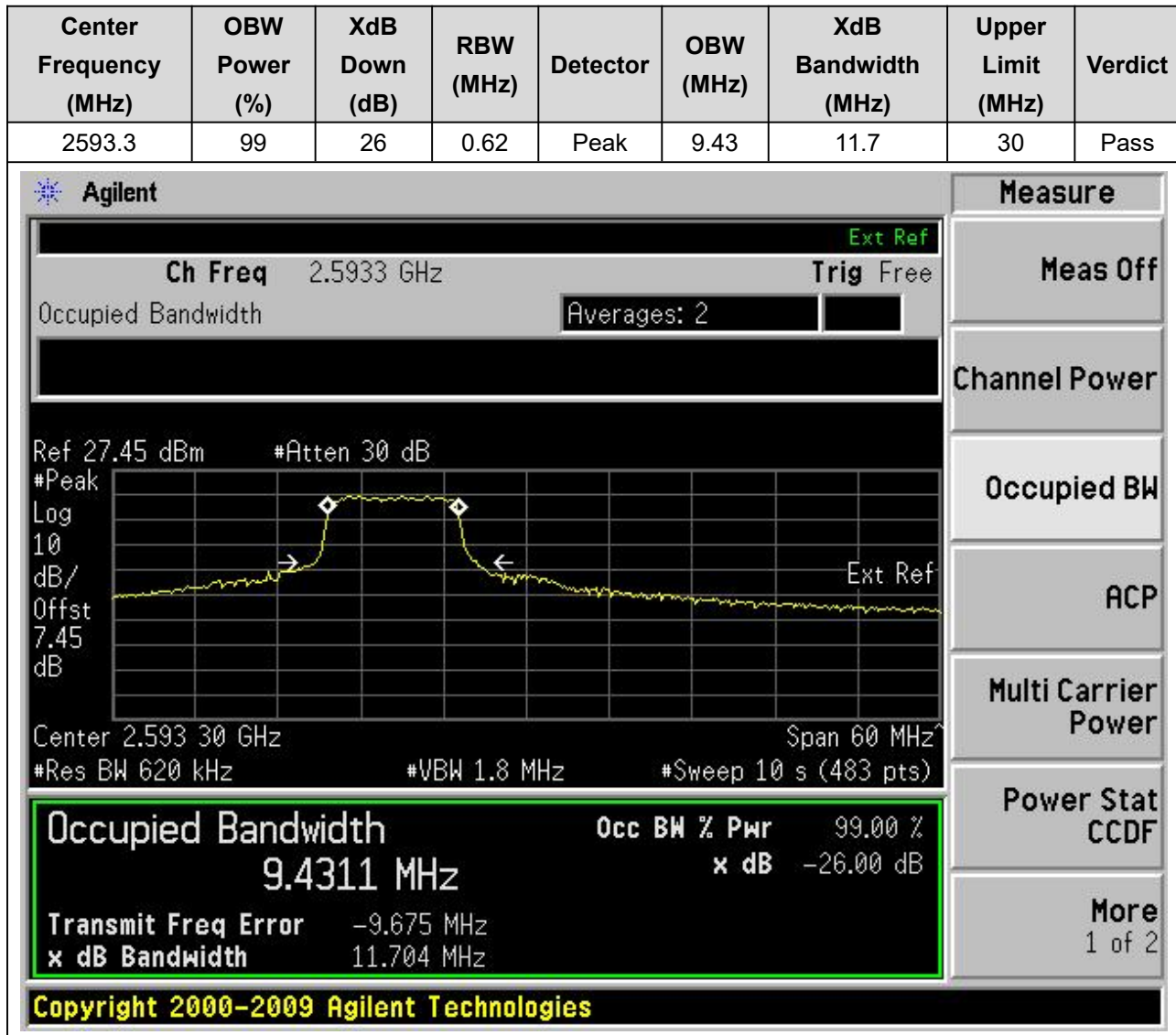
**5.4 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:40595|40712, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



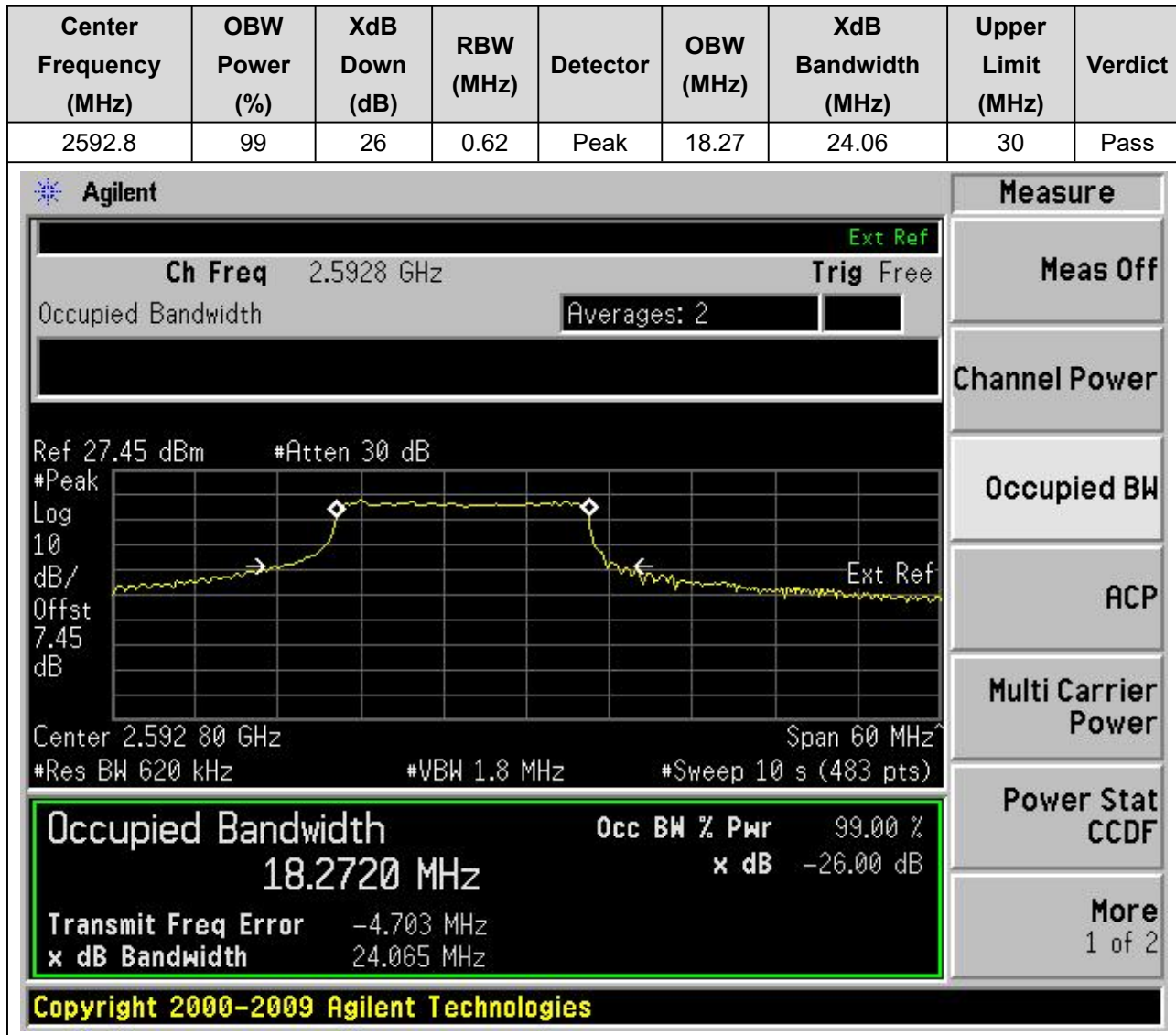
**5.5 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:40526|40670, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



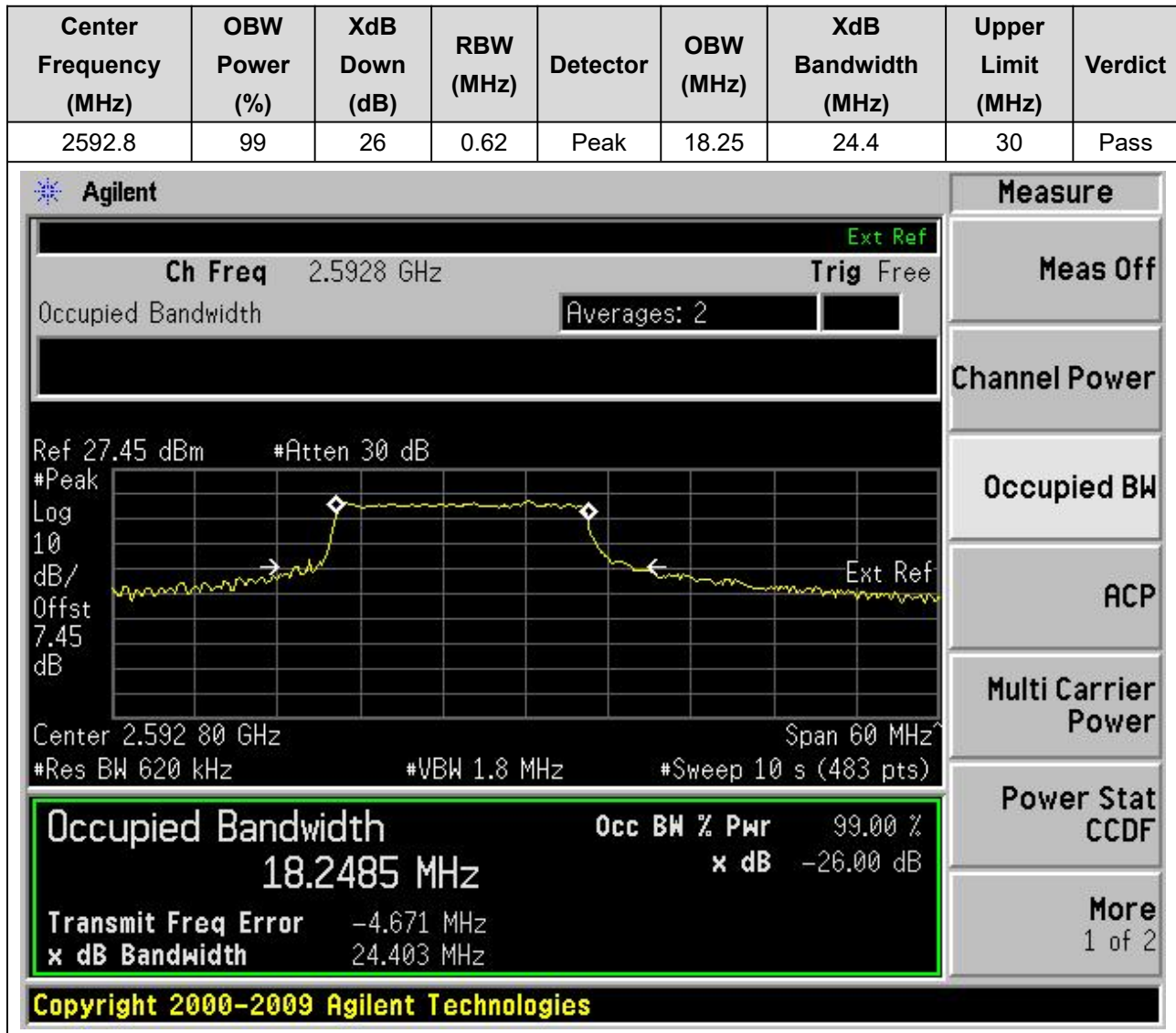
**5.6 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:40526|40670, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



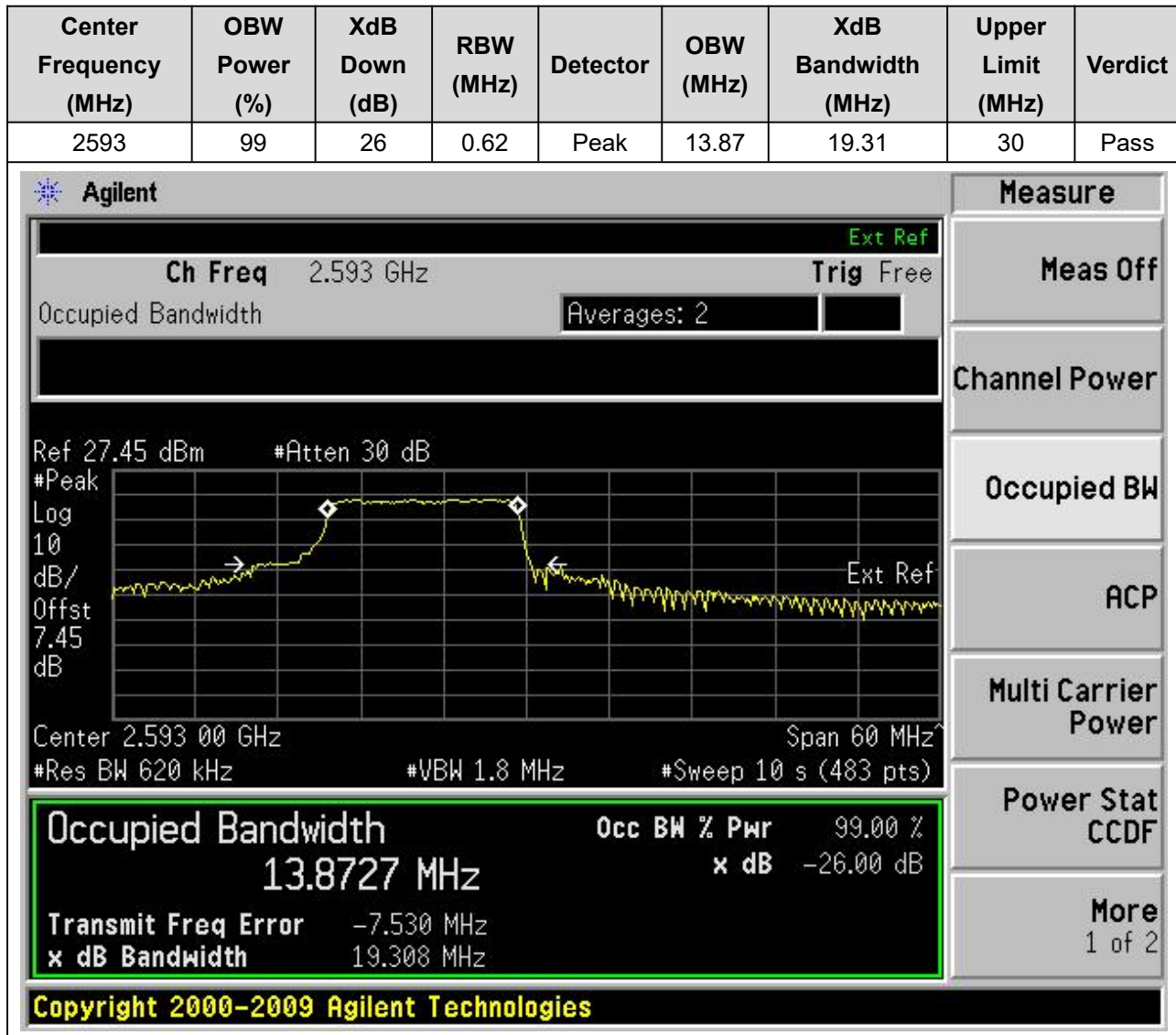
**5.7 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:7,
Channel:40571|40715, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



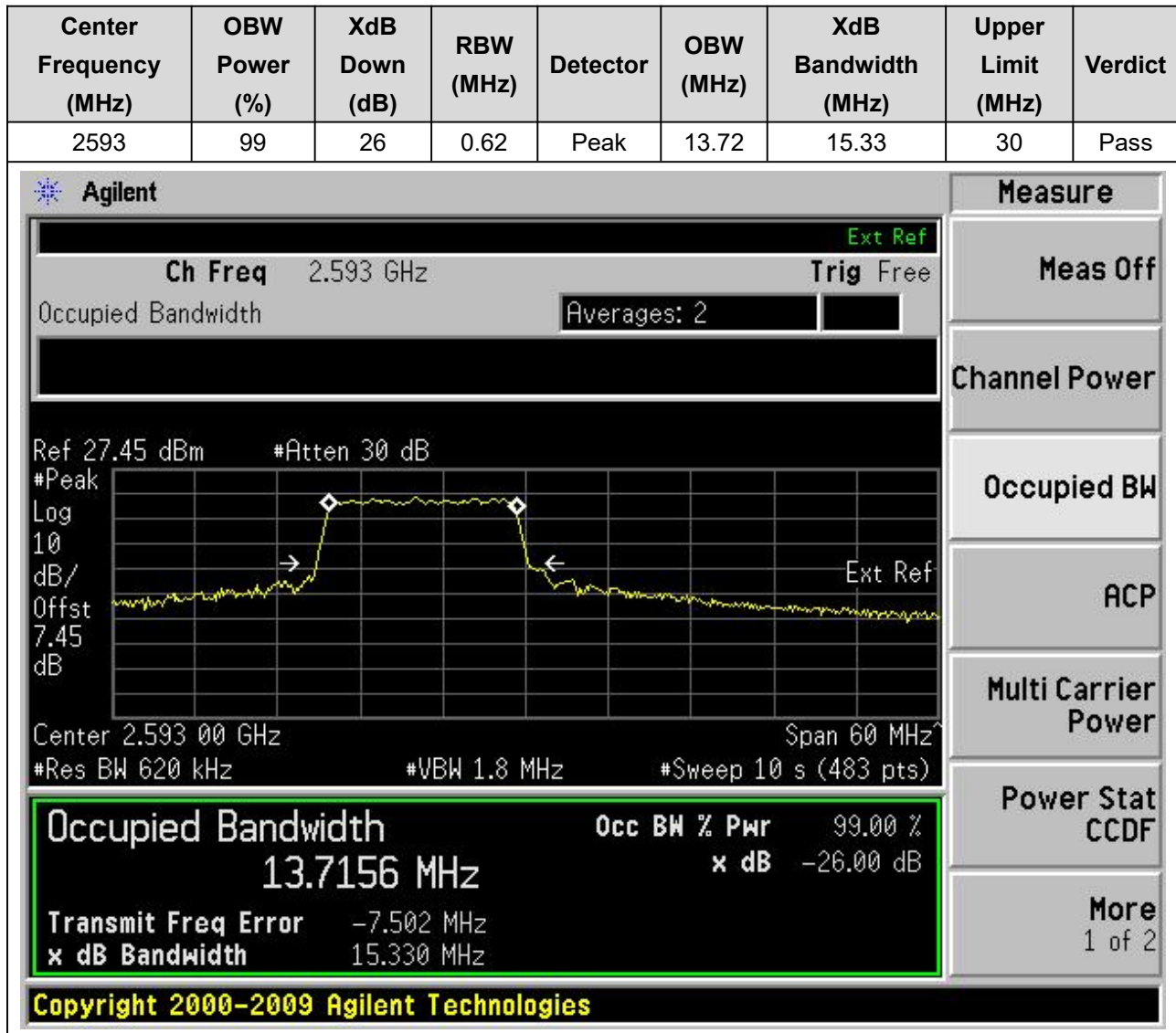
**5.8 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:8,
Channel:40571|40715, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



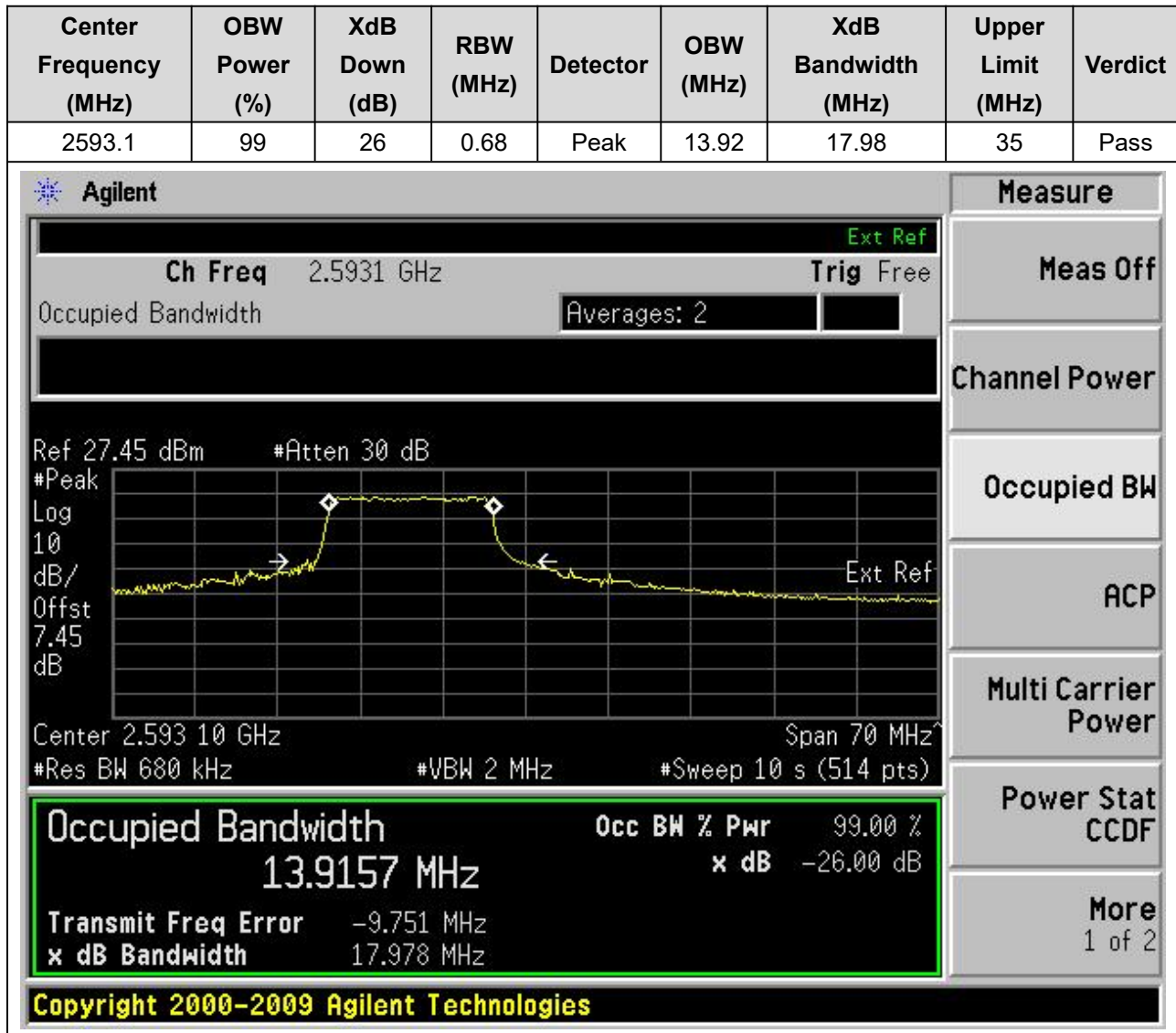
**5.9 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:9,
Channel:40545|40695, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



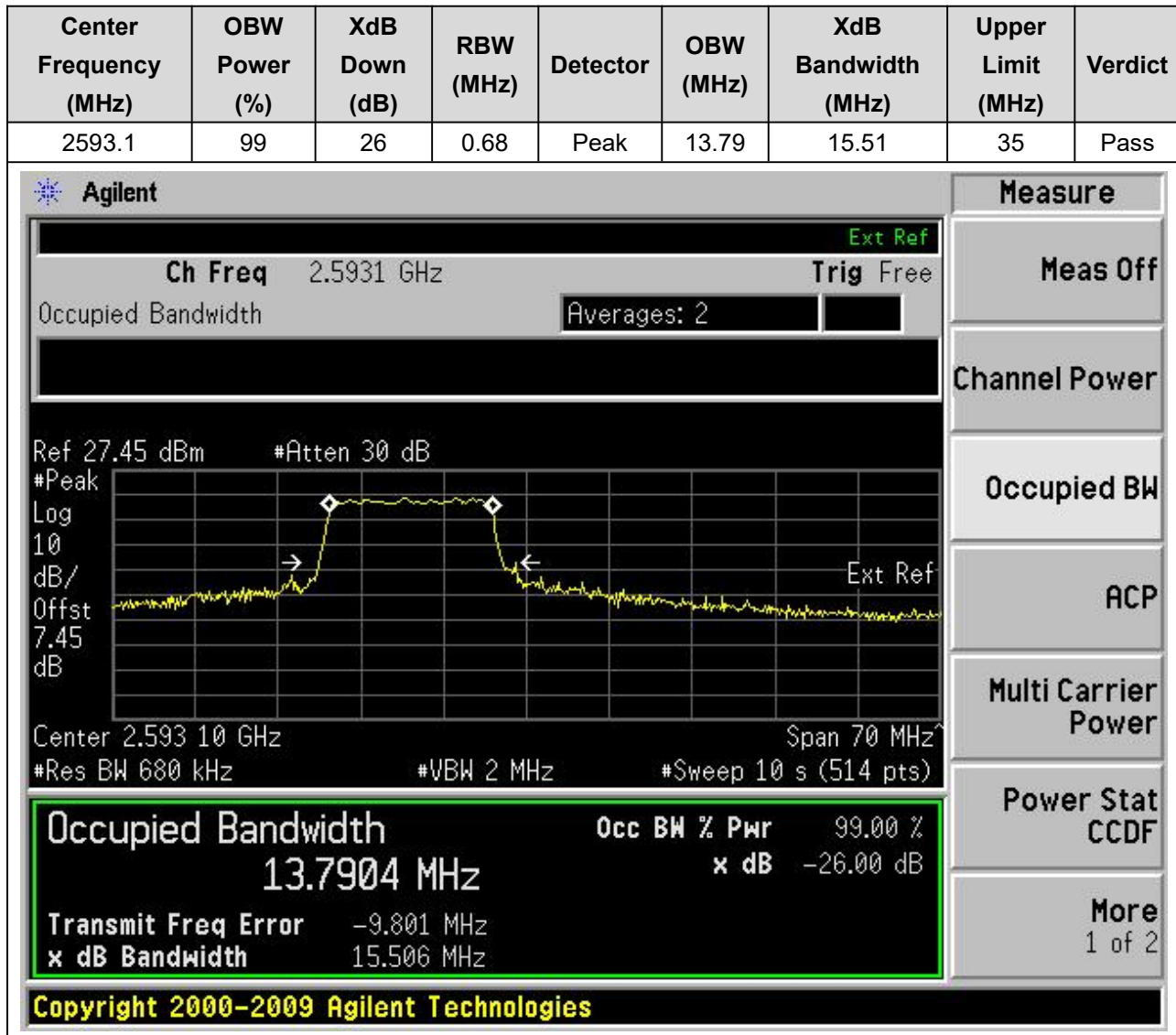
**5.10 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:10,
Channel:40545|40695, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



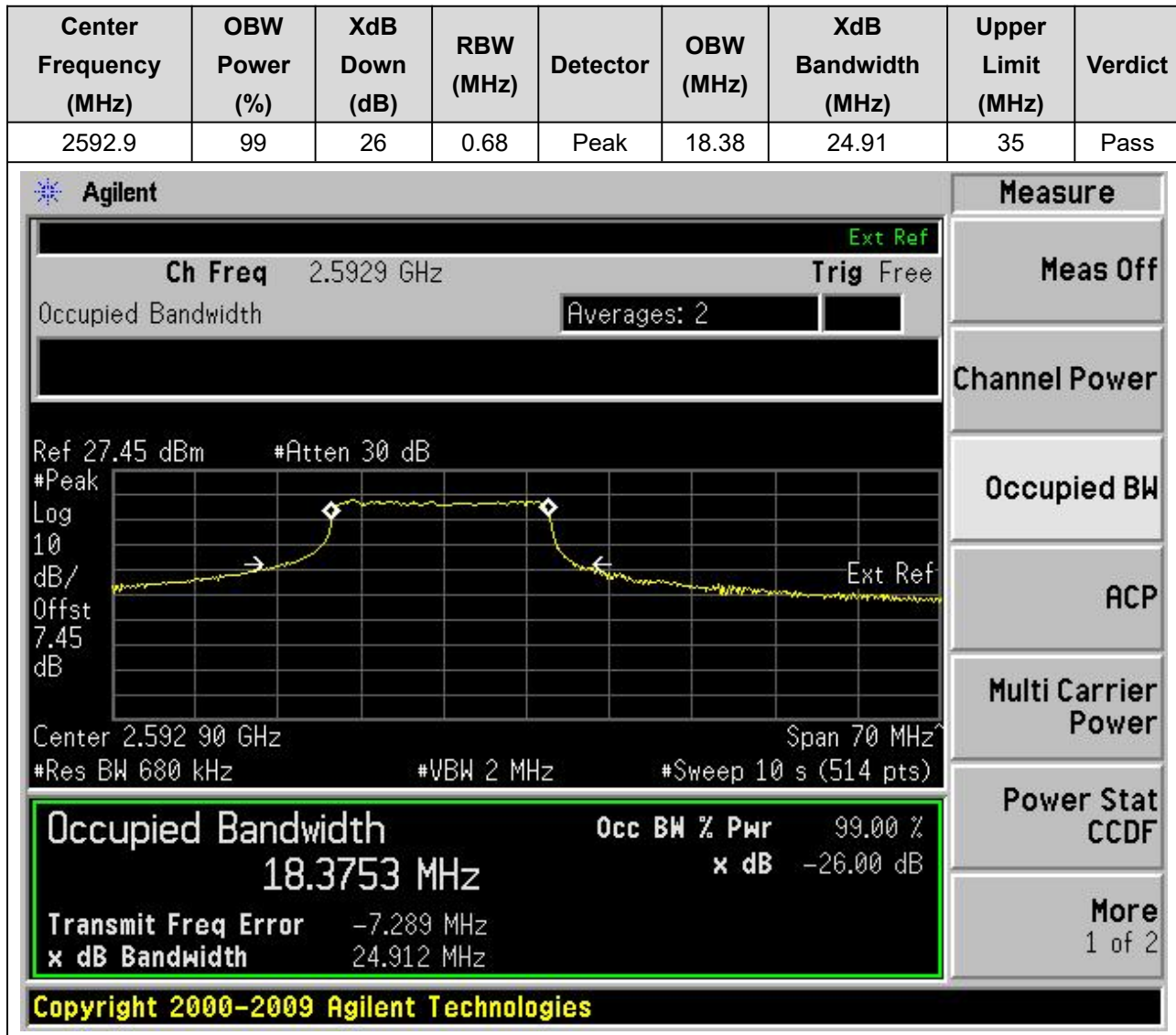
**5.11 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:1,
Channel:40523|40694, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



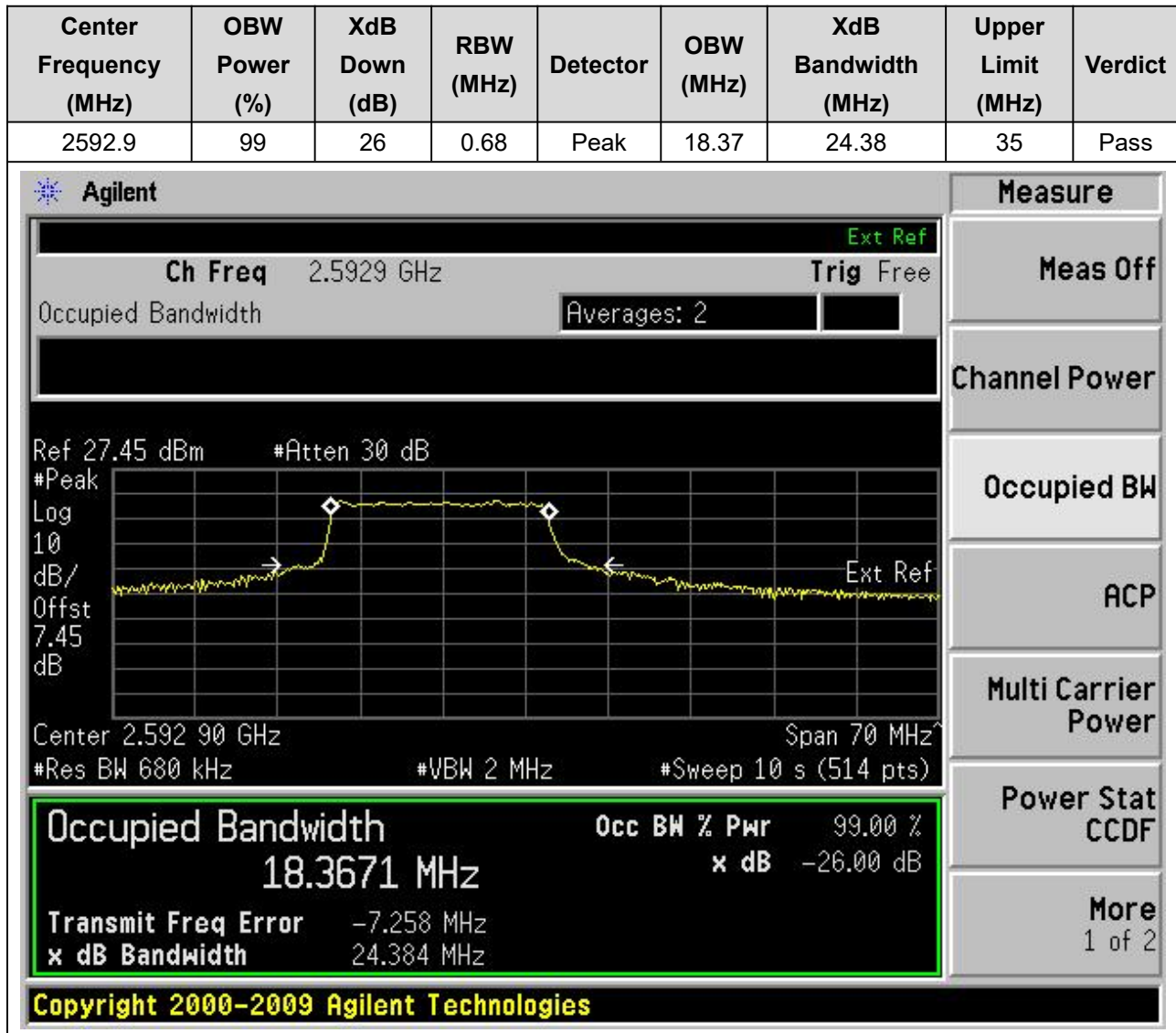
**5.12 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:2,
Channel:40523|40694, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



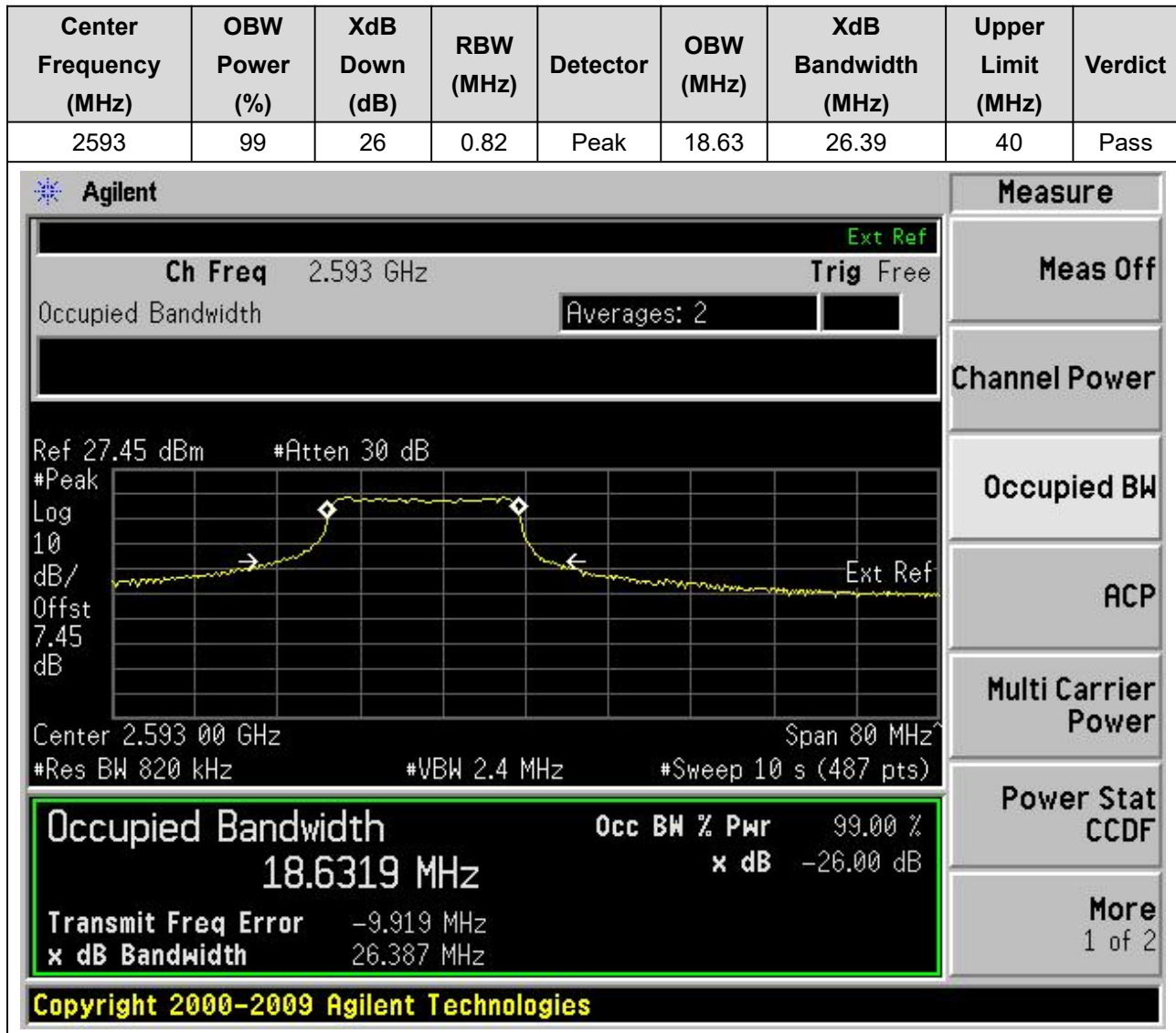
**5.13 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:3,
Channel:40546|40717, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



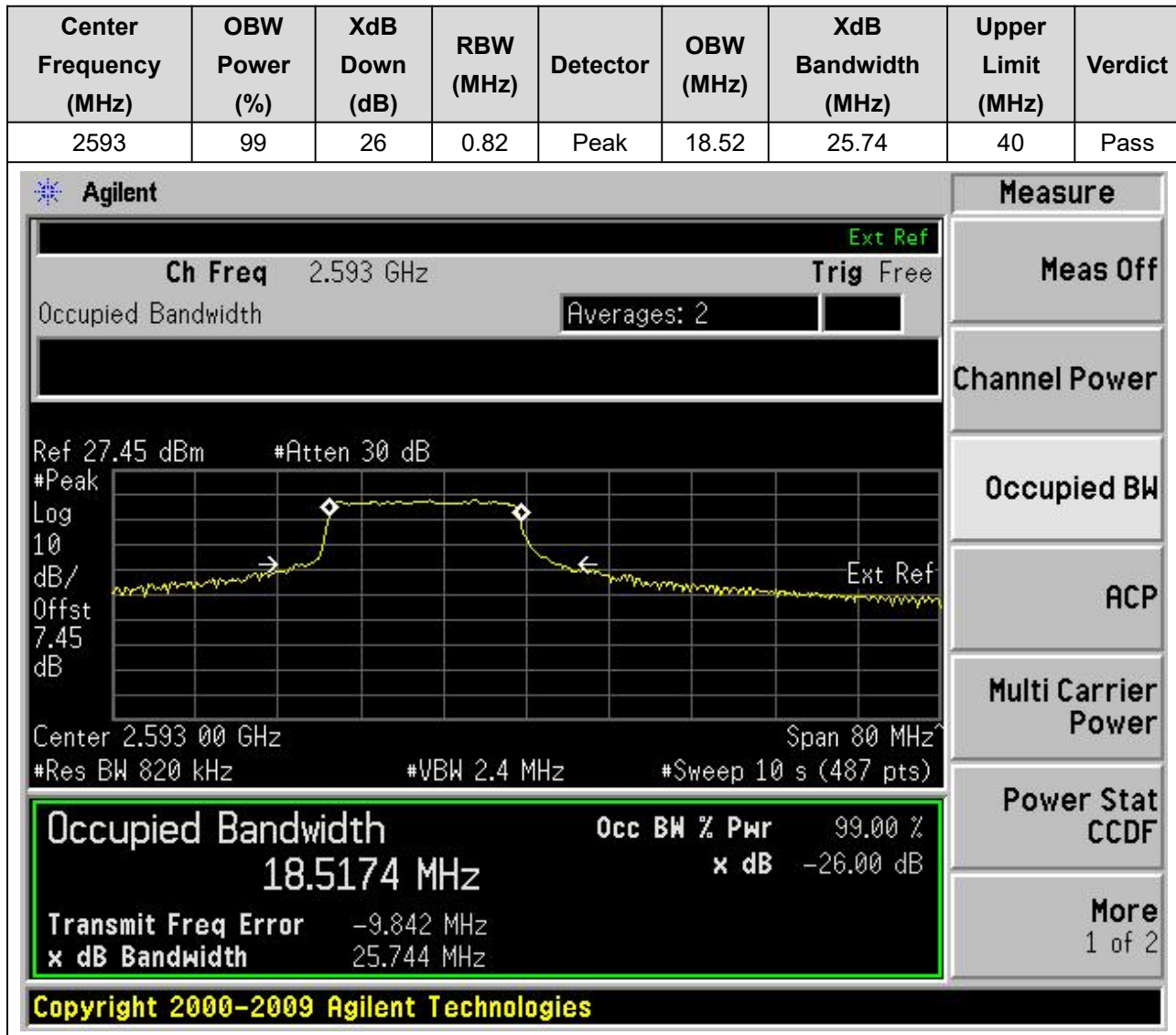
**5.14 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:4,
Channel:40546|40717, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**5.15 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:5,
Channel:40521|40719, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



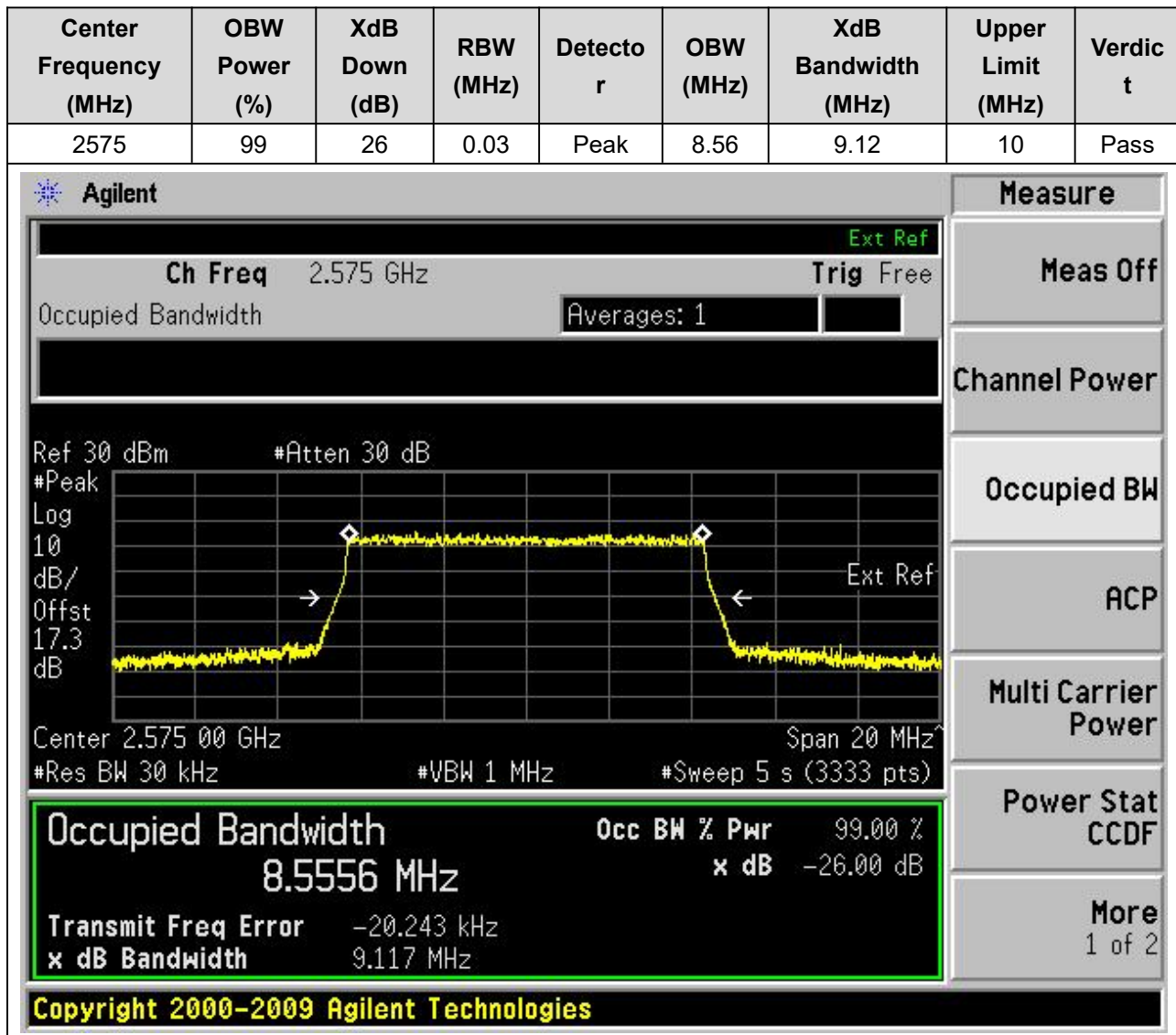
**5.16 LTE-A Occupied Bandwidth_Part22-24-27(NTNV)(Subtest:6,
Channel:40521|40719, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



1. n38_PC3

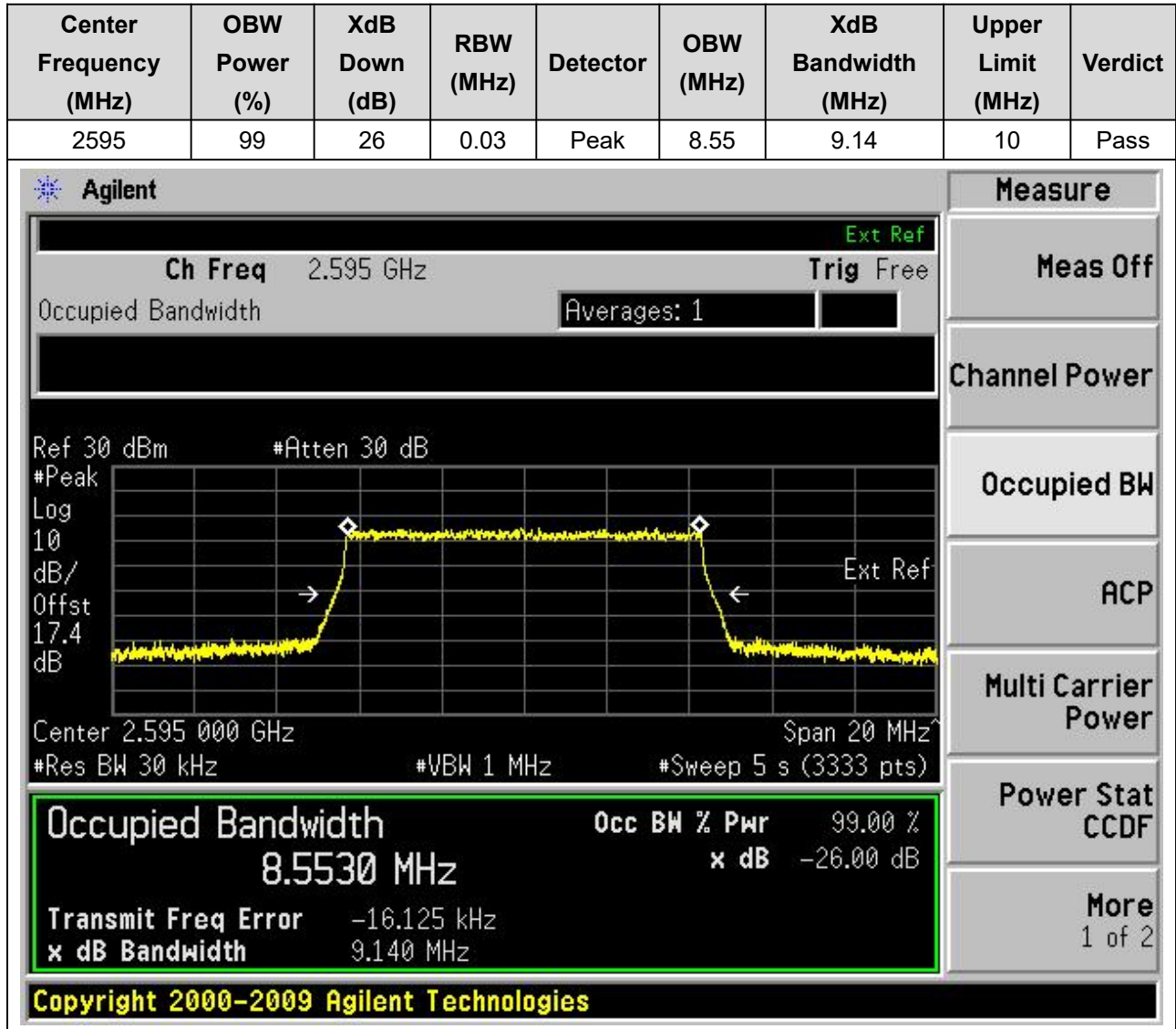
1.1 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:24, RB Position:0)



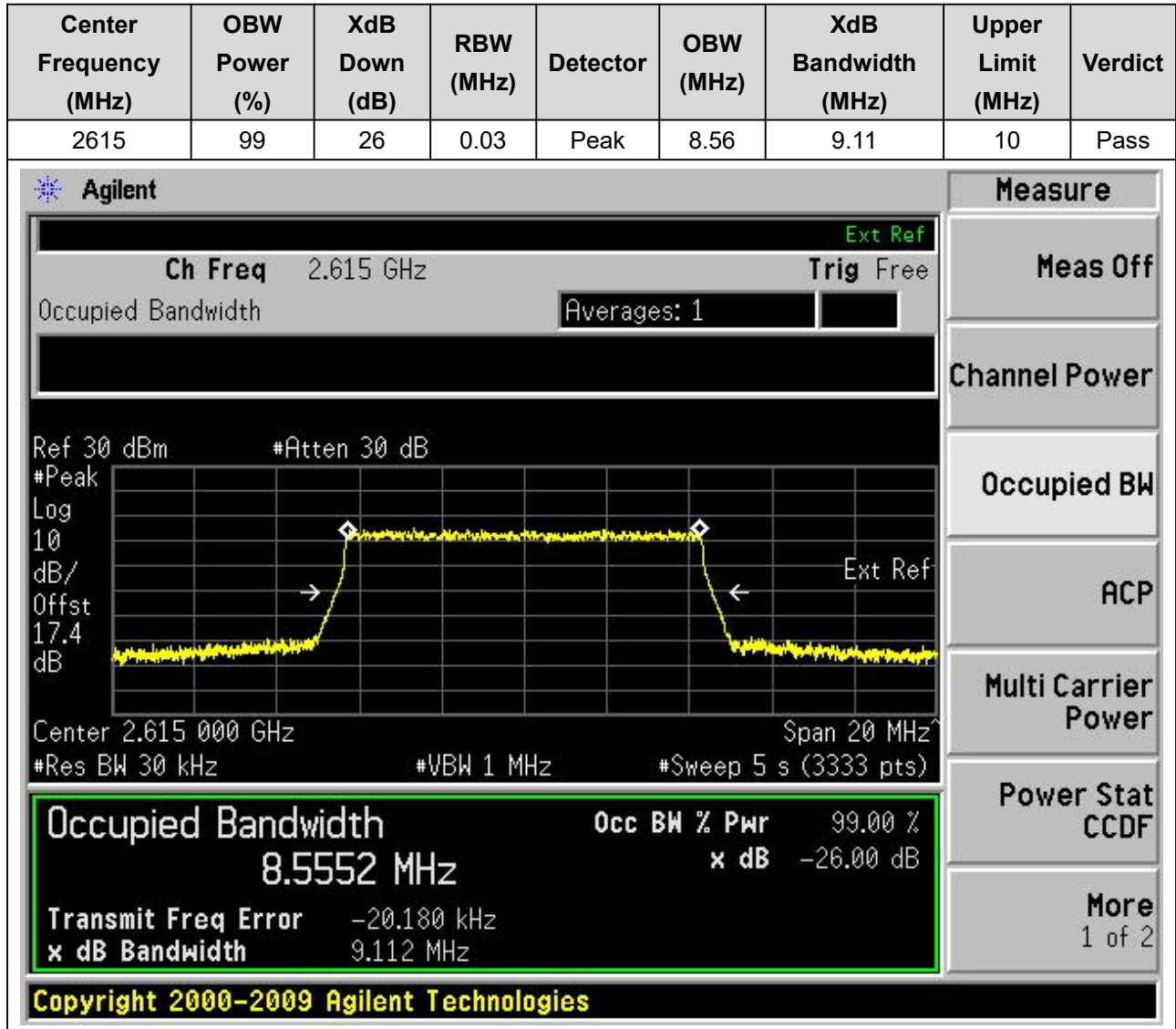
1.2 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:24, RB Position:0)



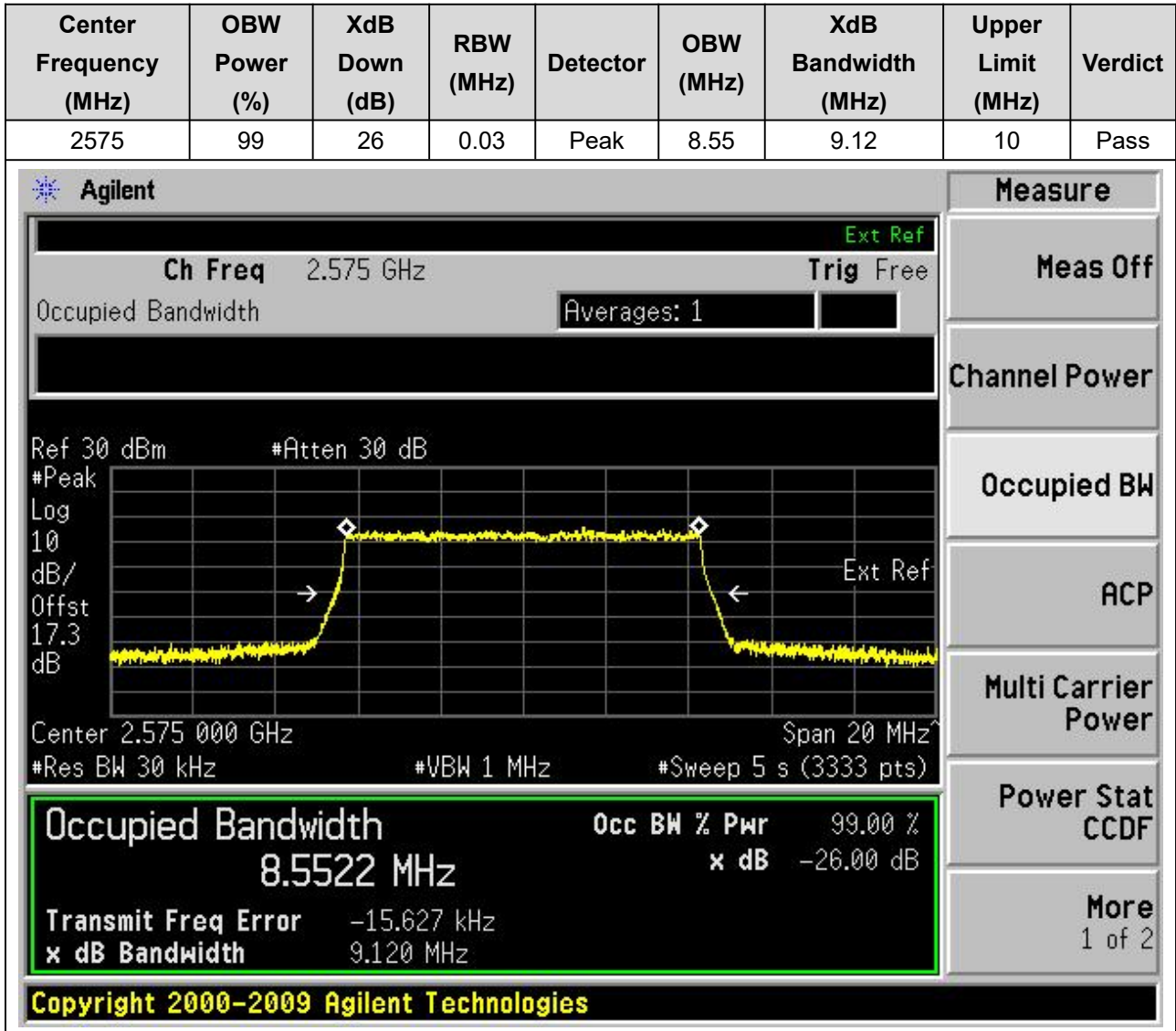
1.3 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:24, RB Position:0)



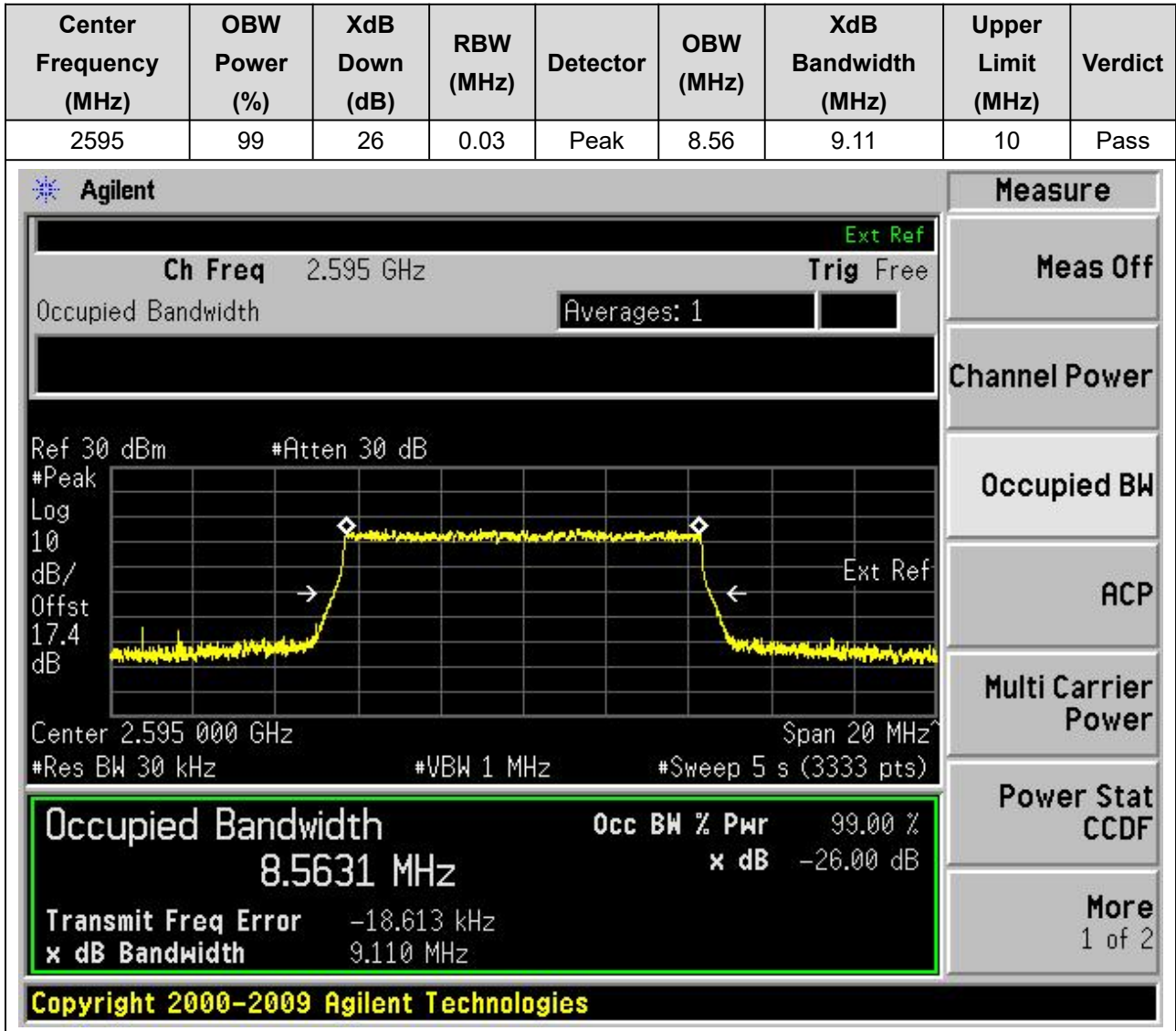
1.4 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



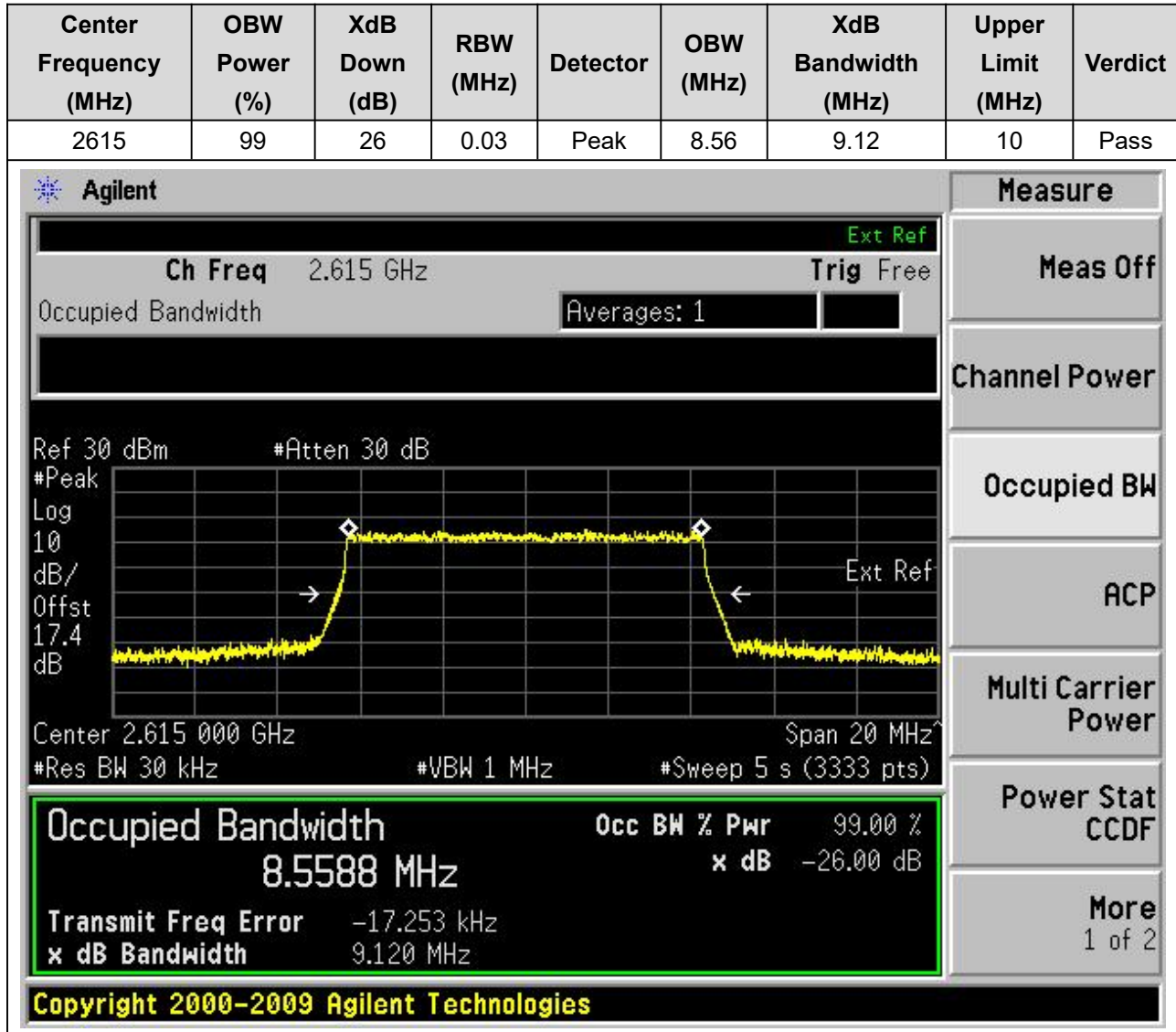
1.5 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



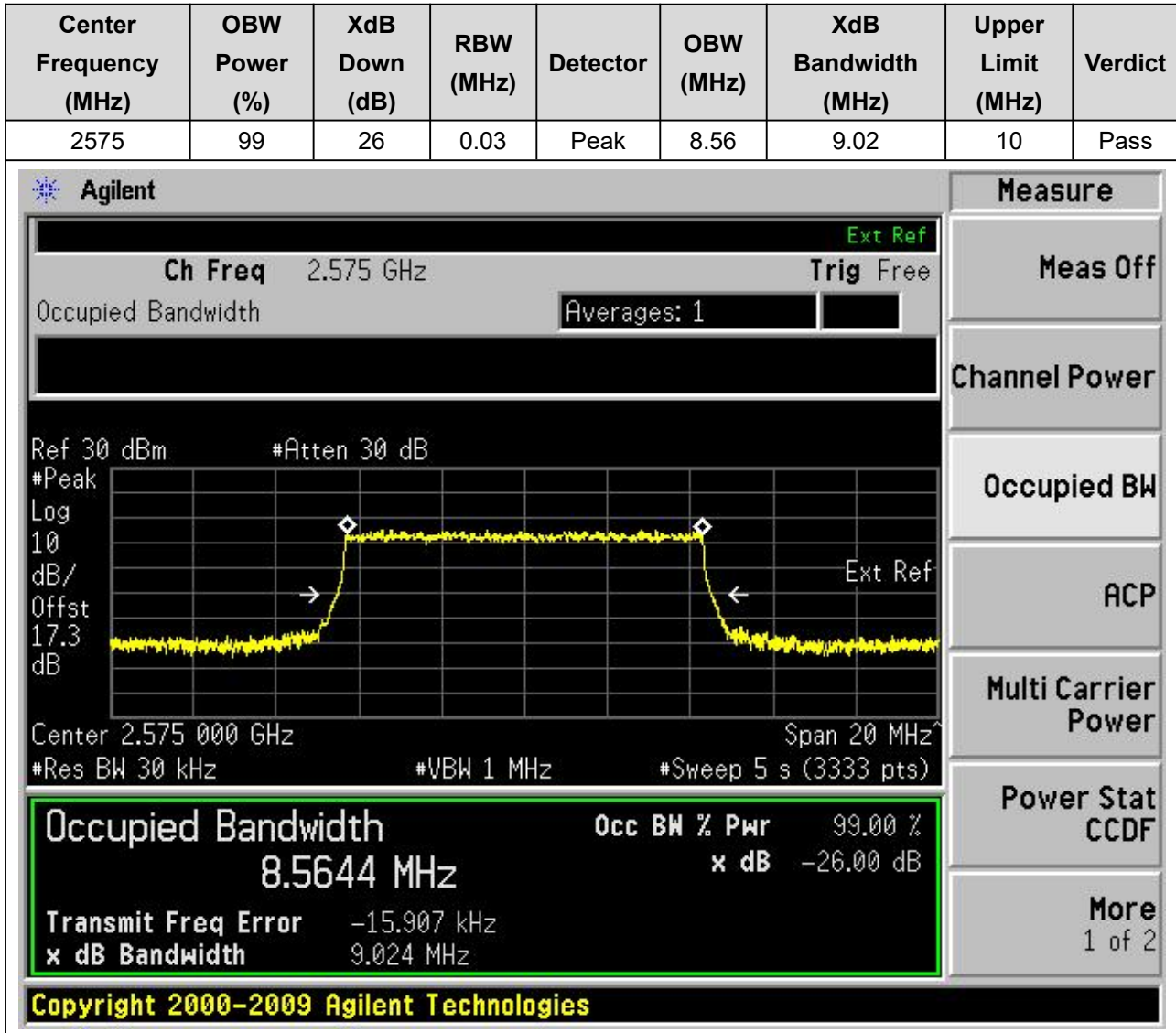
1.6 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



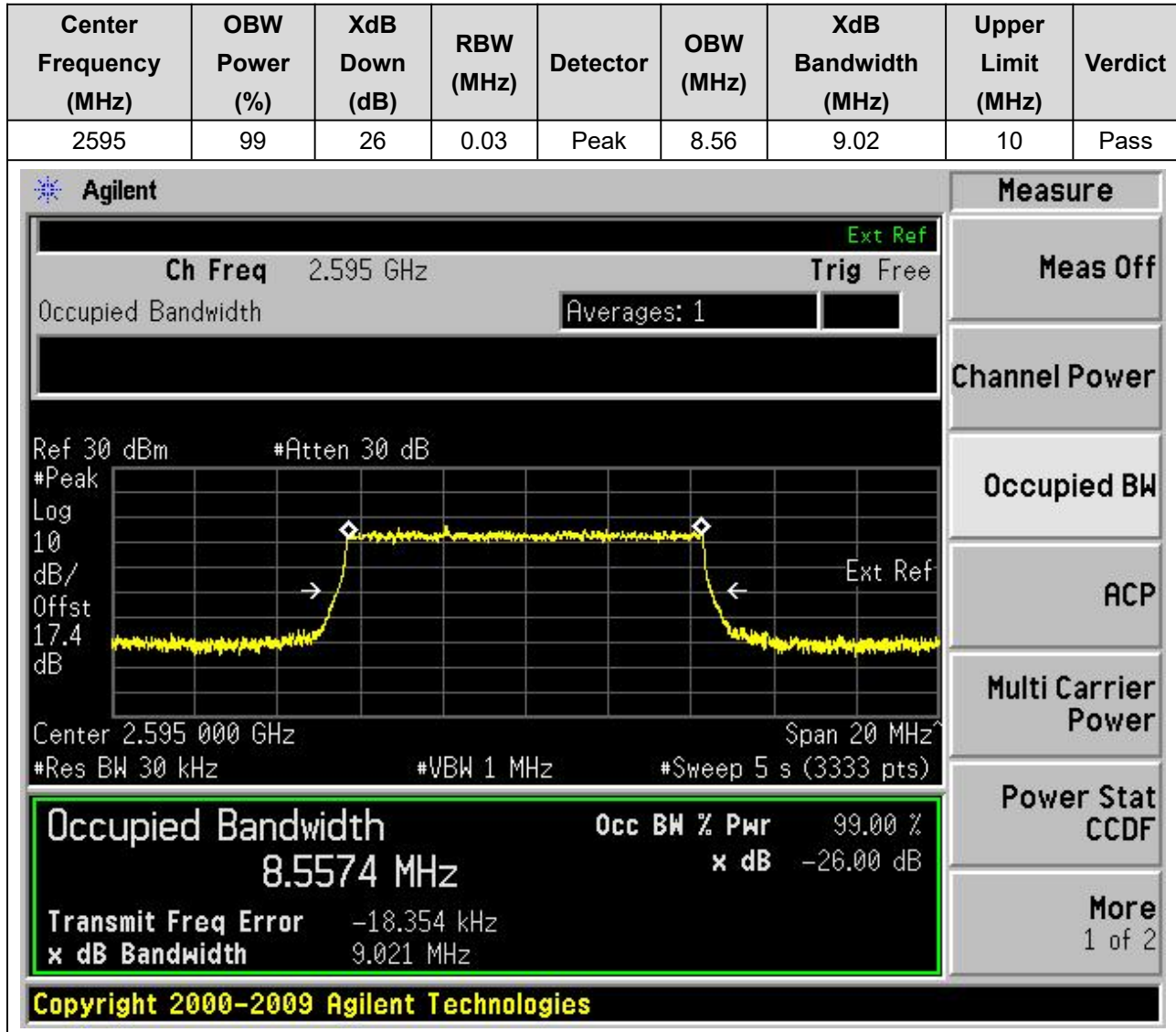
1.7 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)



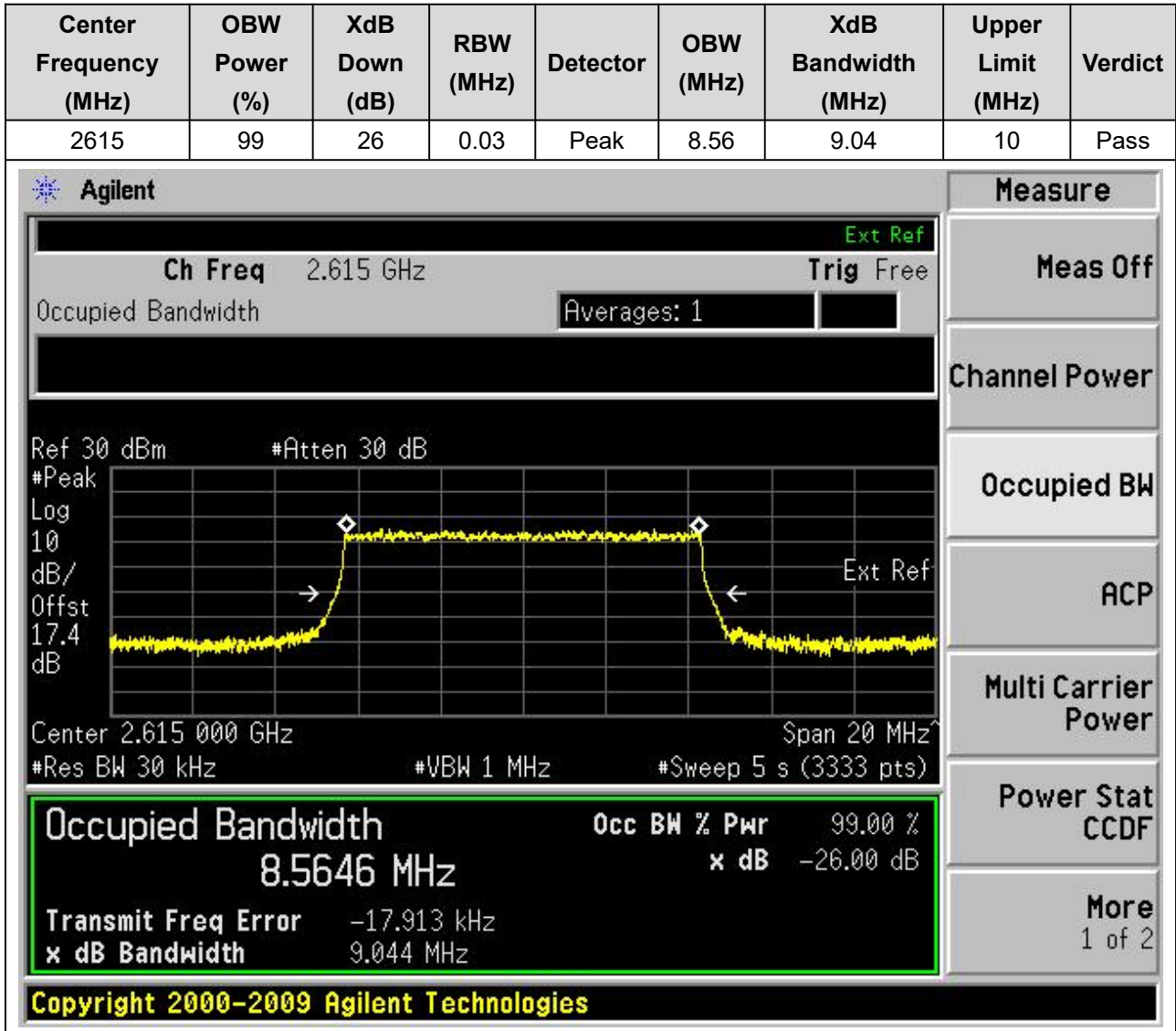
1.8 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)



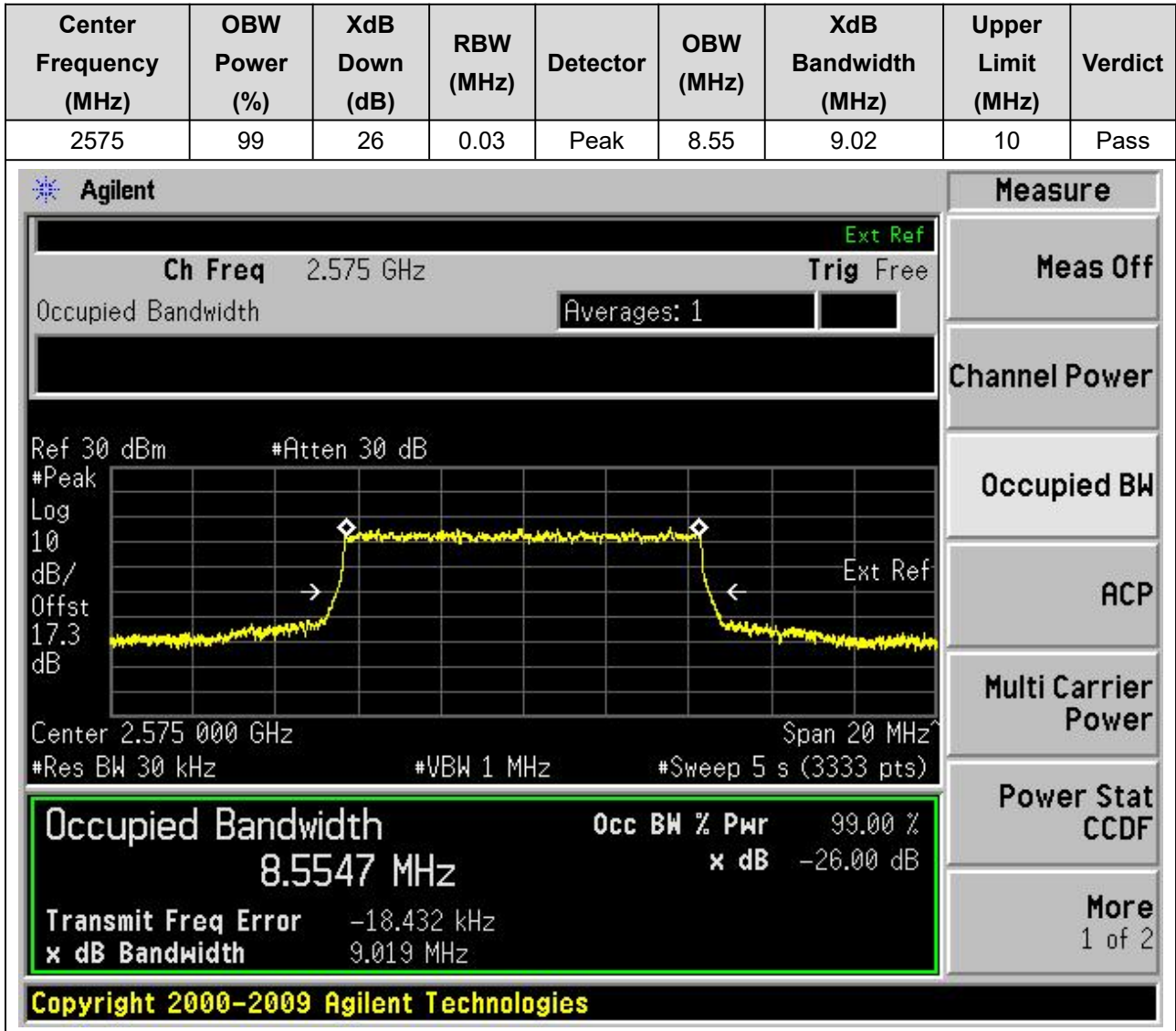
1.9 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)



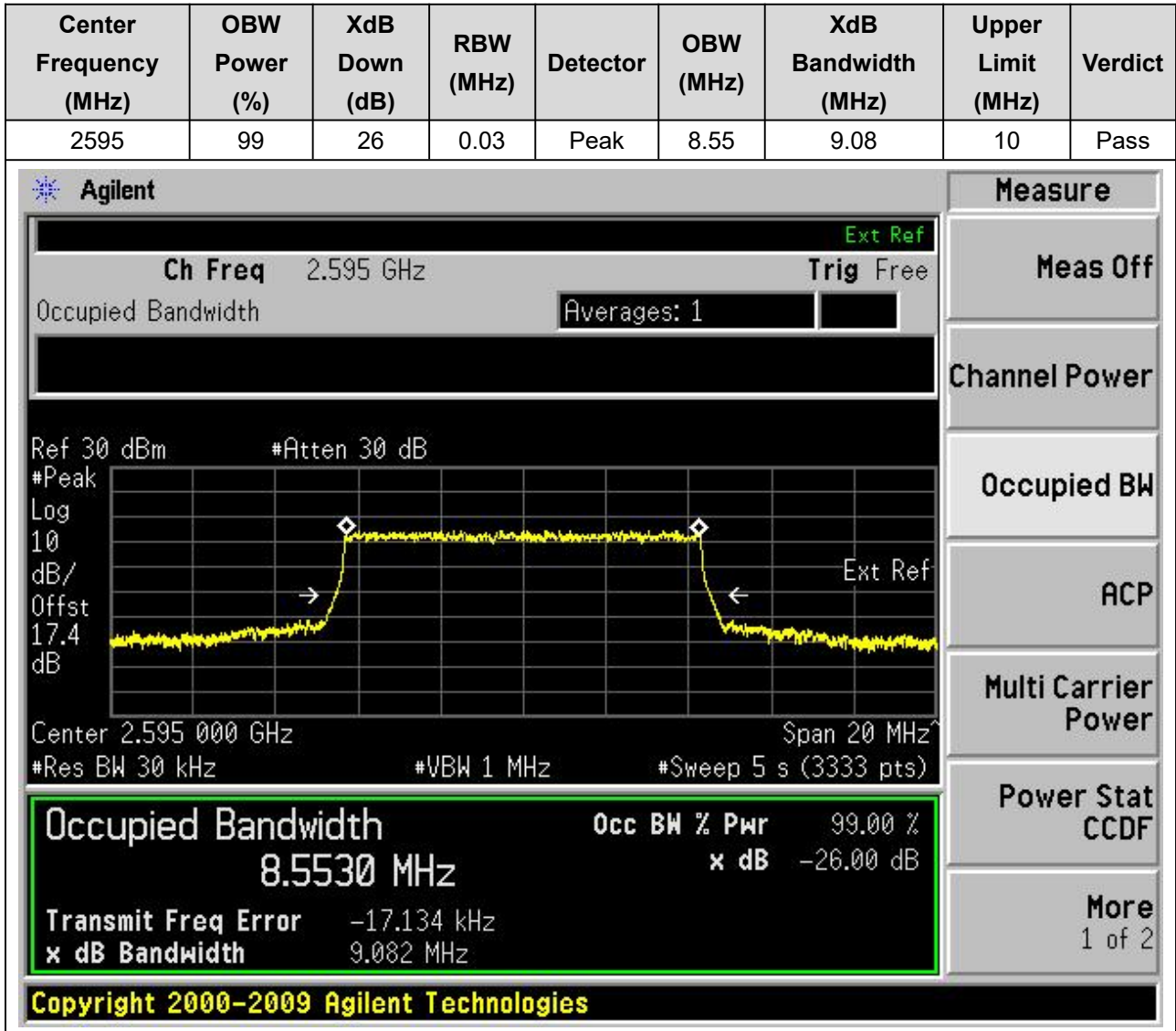
1.10 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)



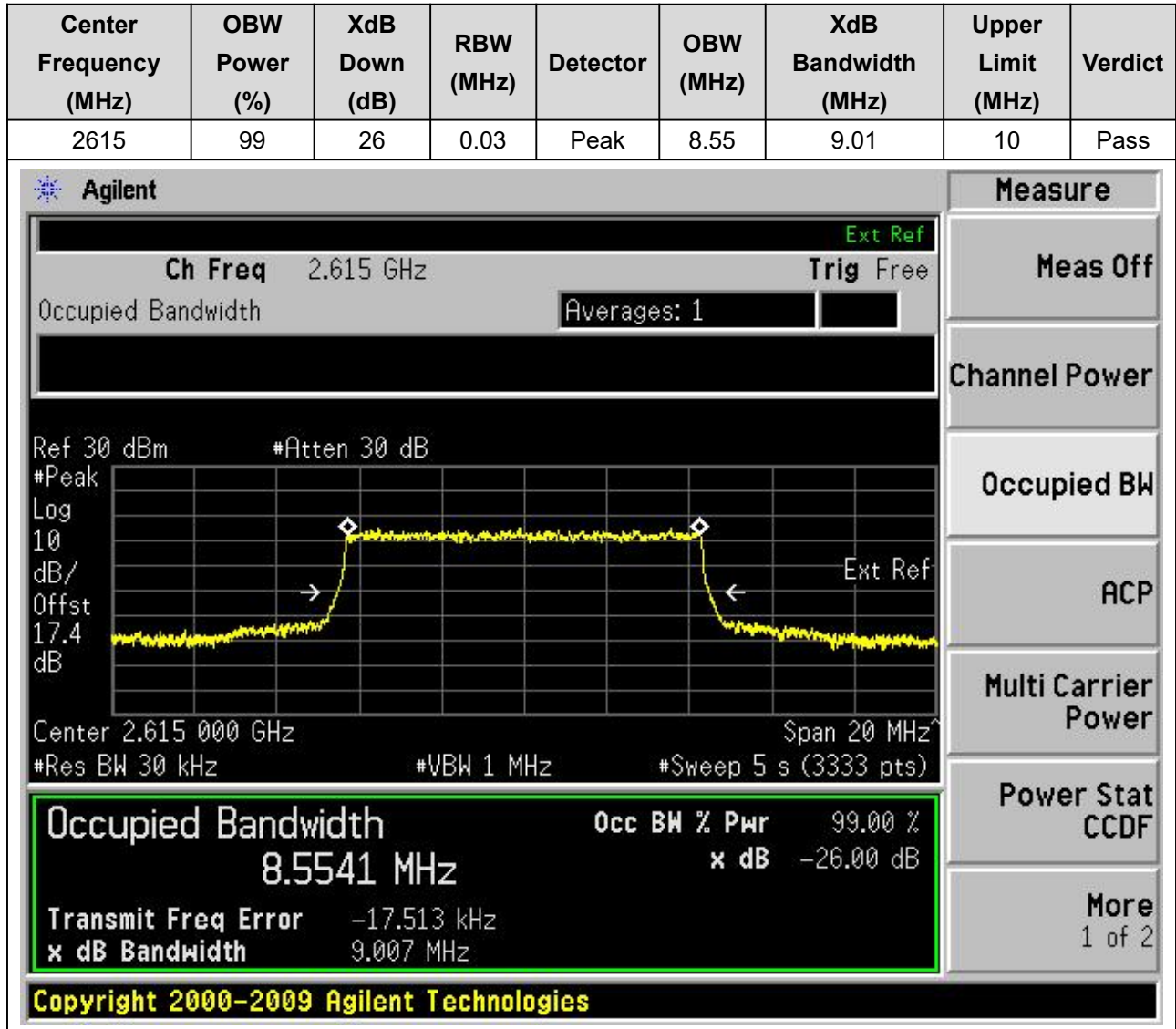
1.11 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)



1.12 Occupied Bandwidth for SA Support PI2

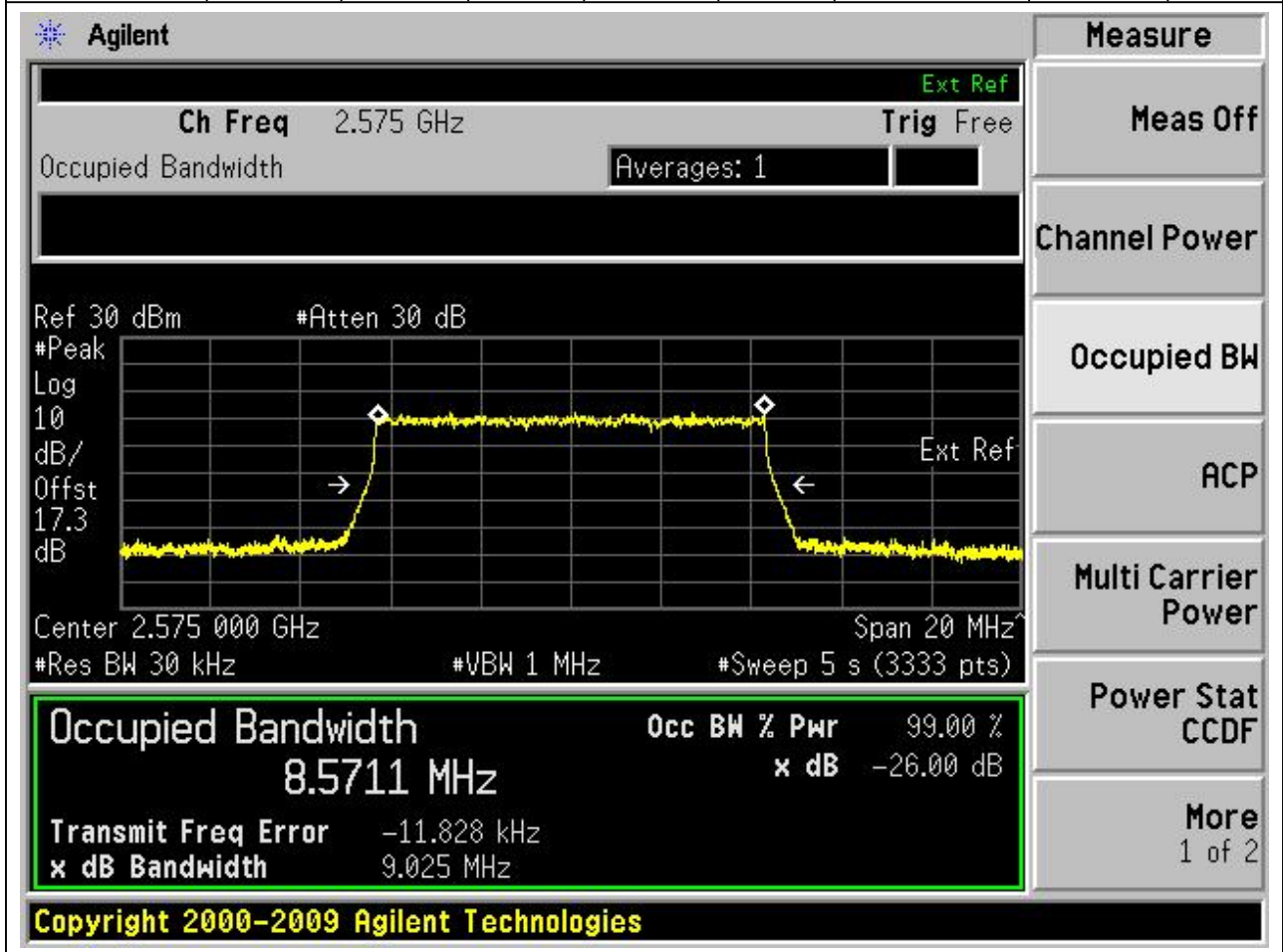
BPSK_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)



1.13 Occupied Bandwidth for SA Support PI2

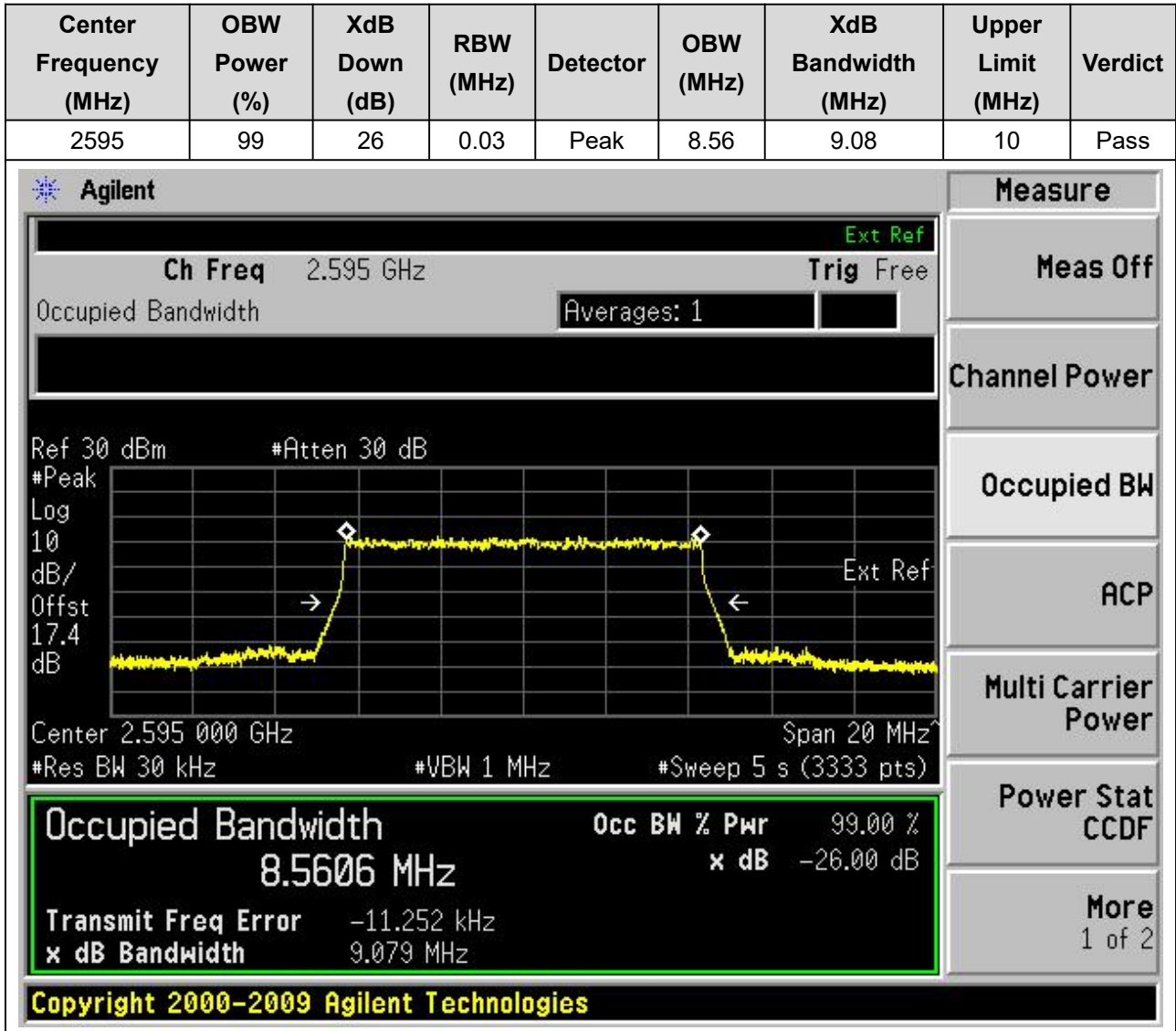
BPSK_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.03	Peak	8.57	9.03	10	Pass



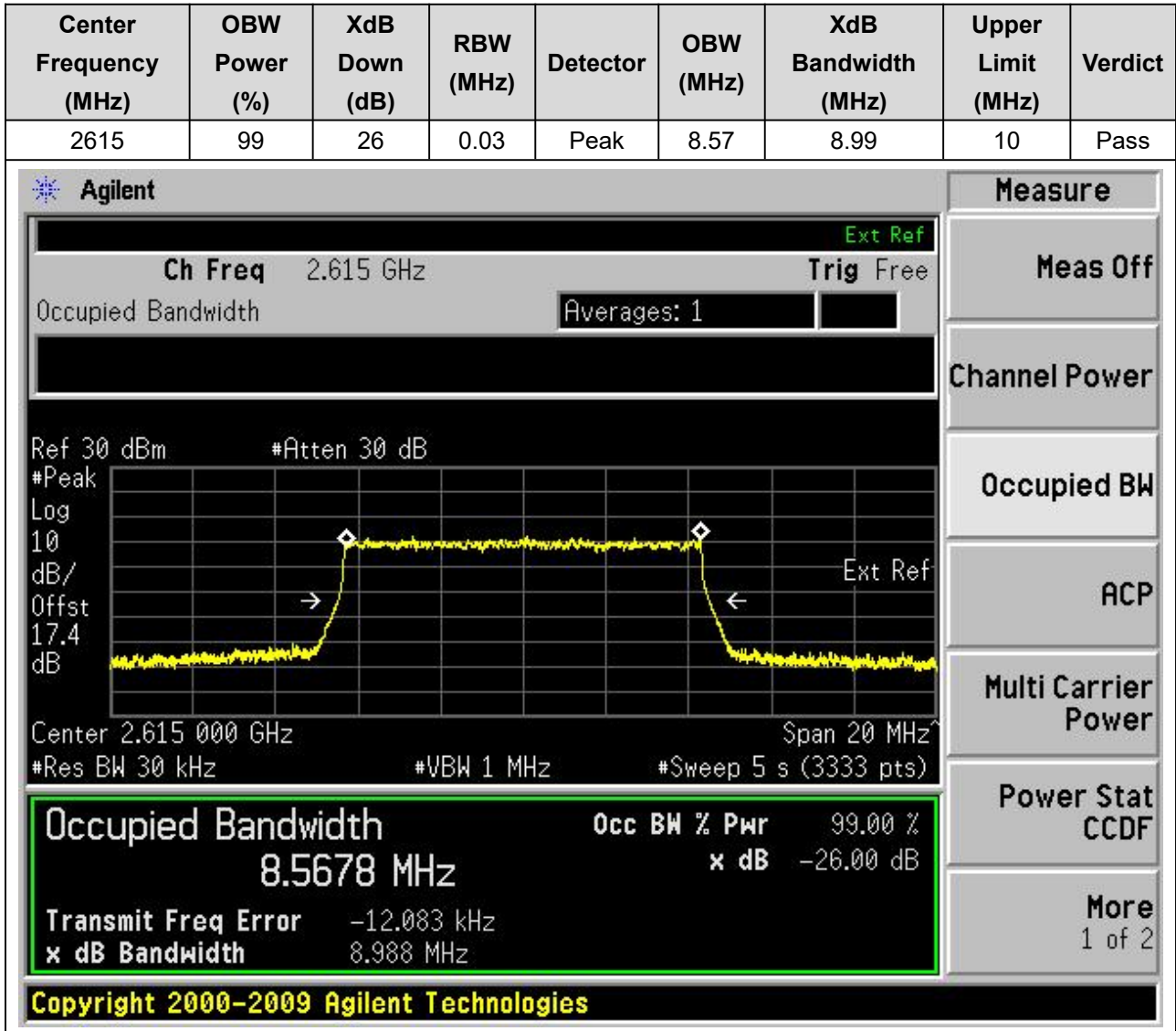
1.14 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)



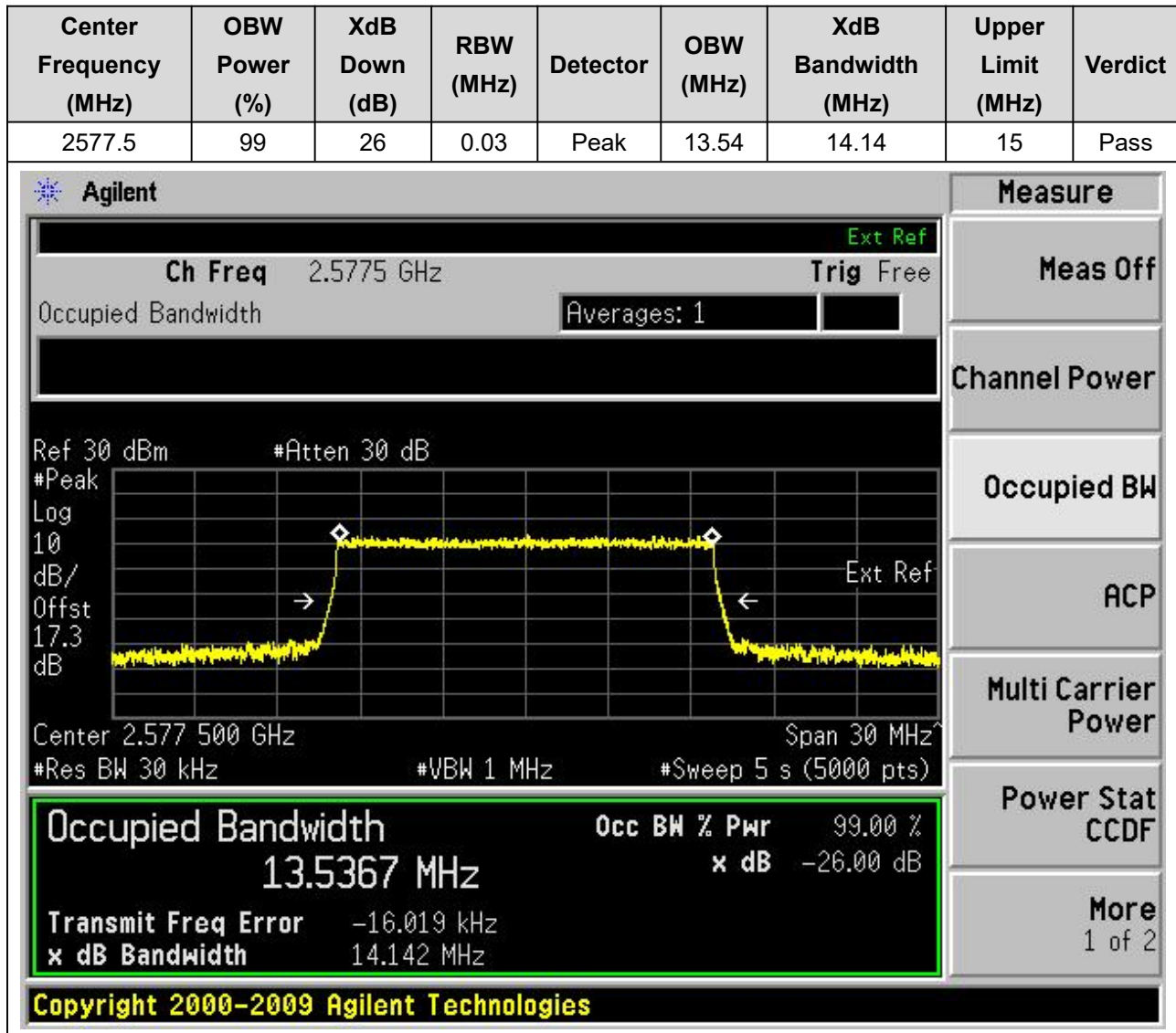
1.15 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)



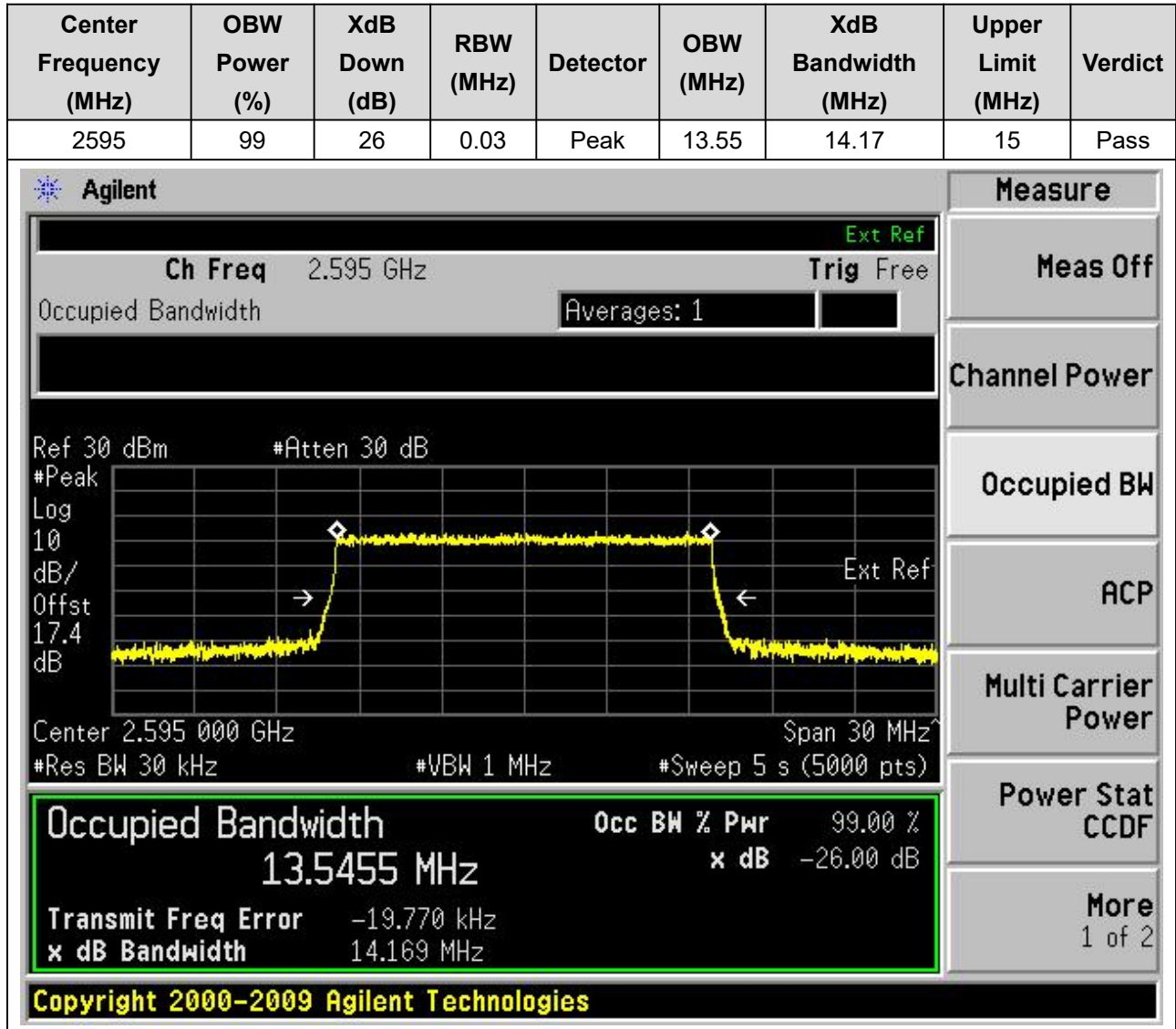
1.16 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:38, RB Position:0)



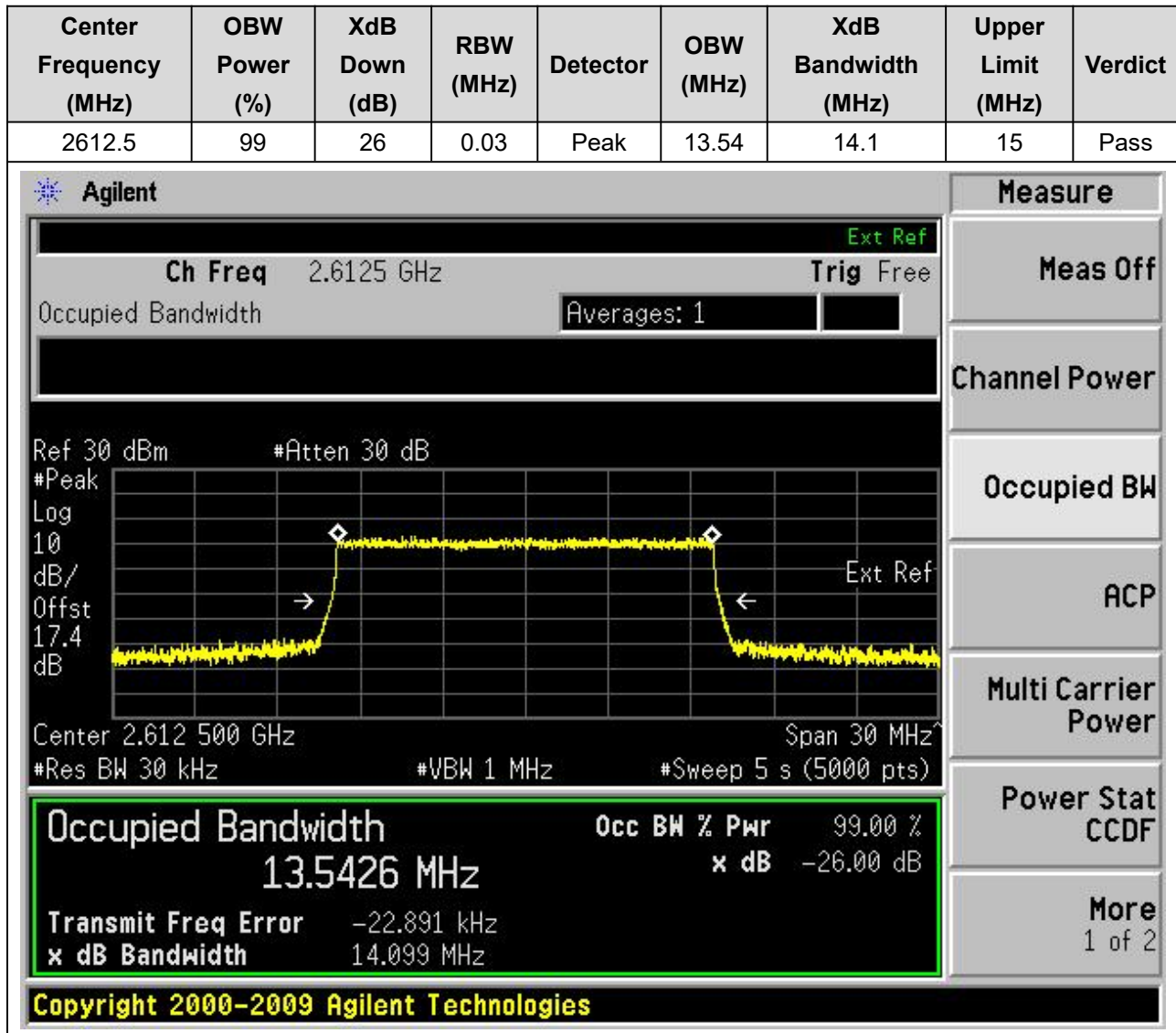
1.17 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:38, RB Position:0)



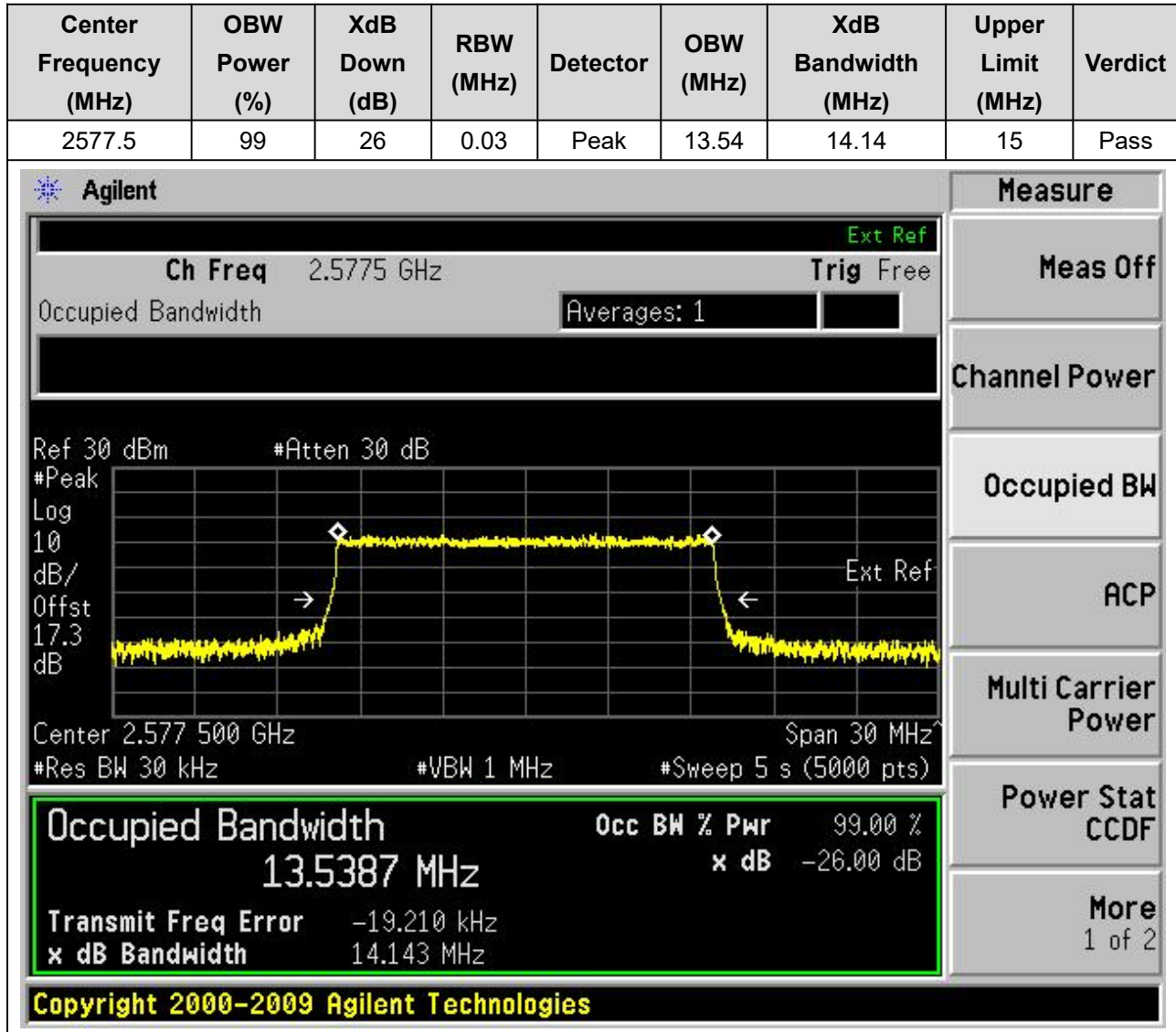
1.18 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:38, RB Position:0)



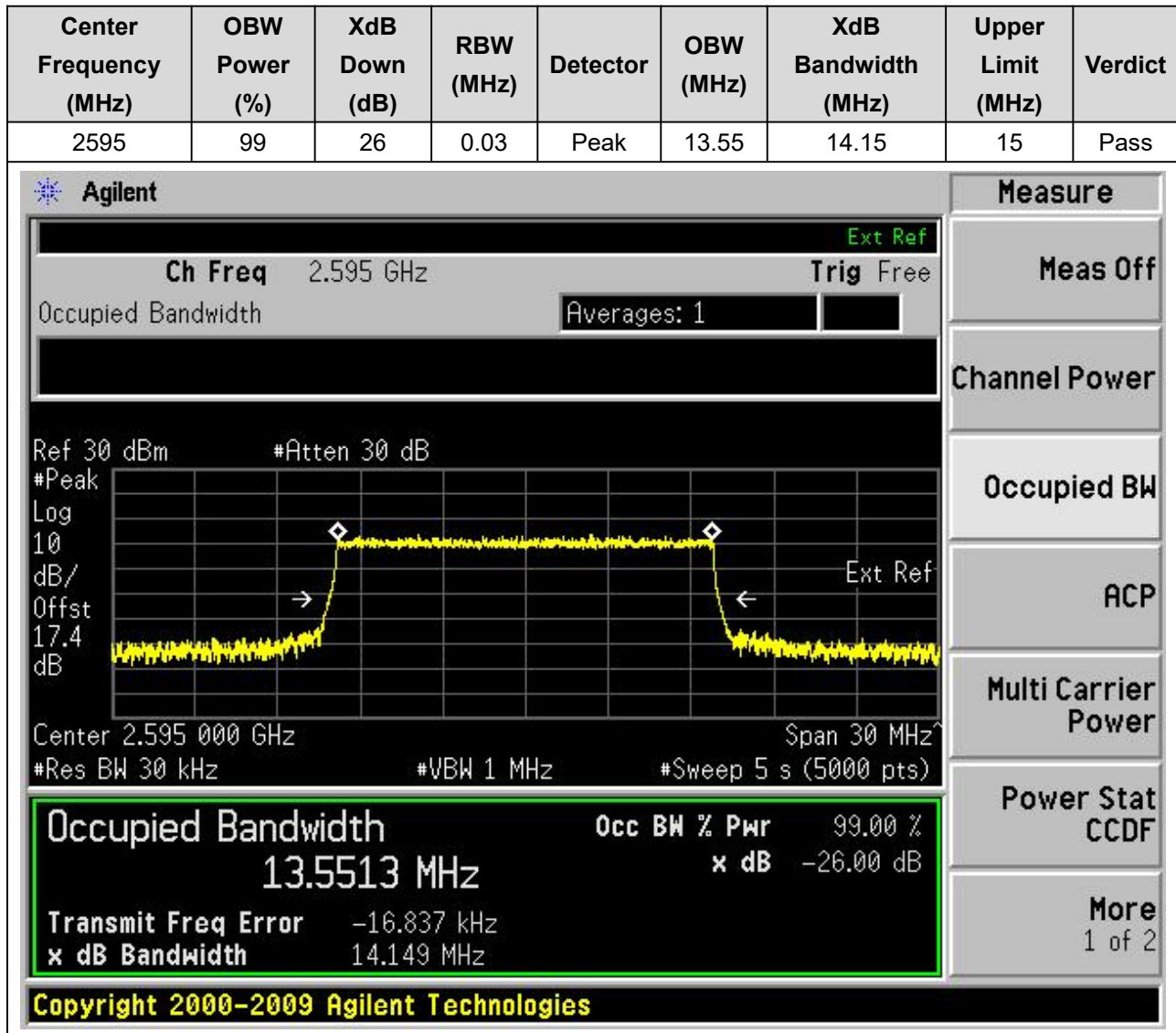
1.19 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)



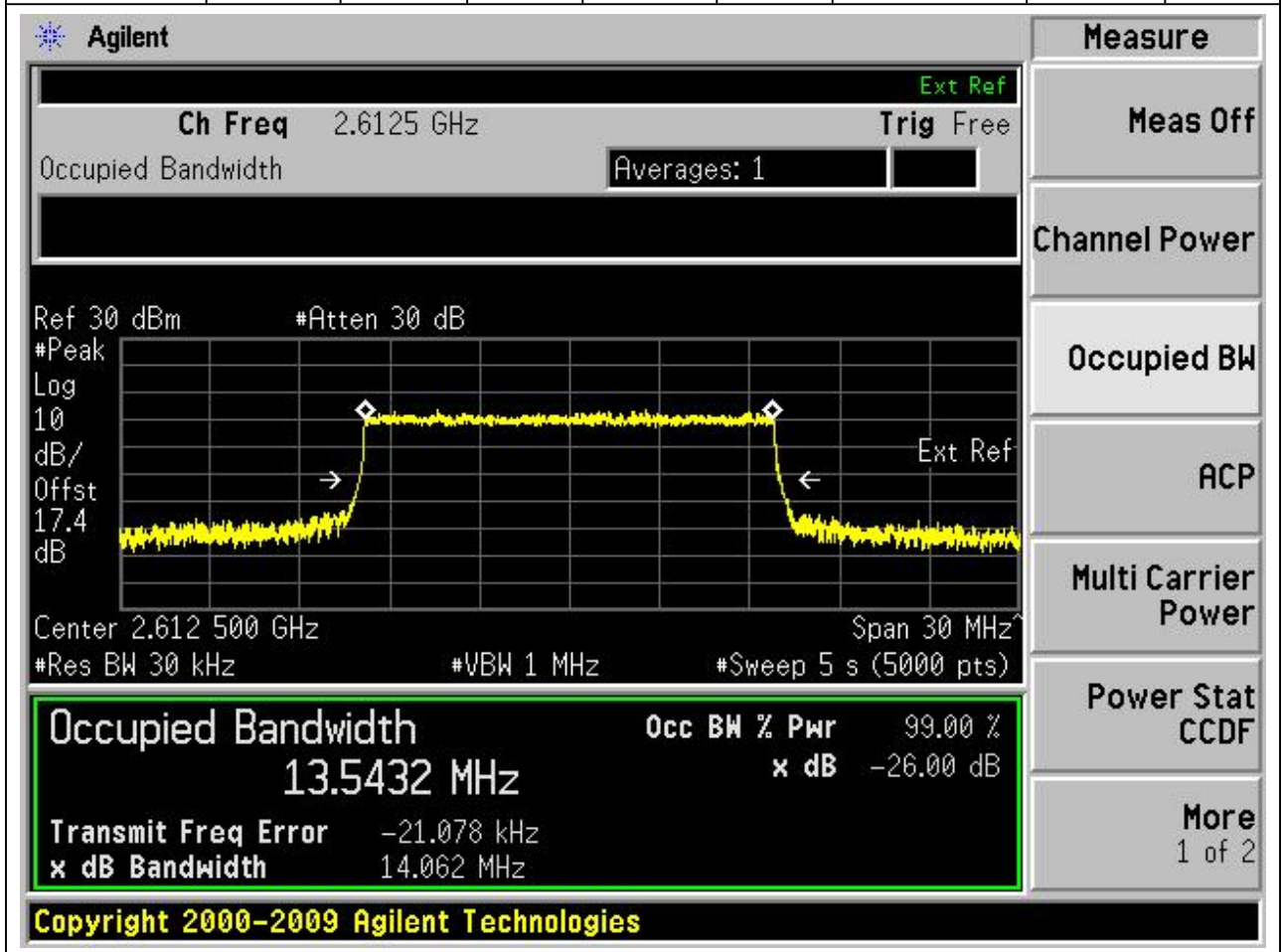
1.20 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)



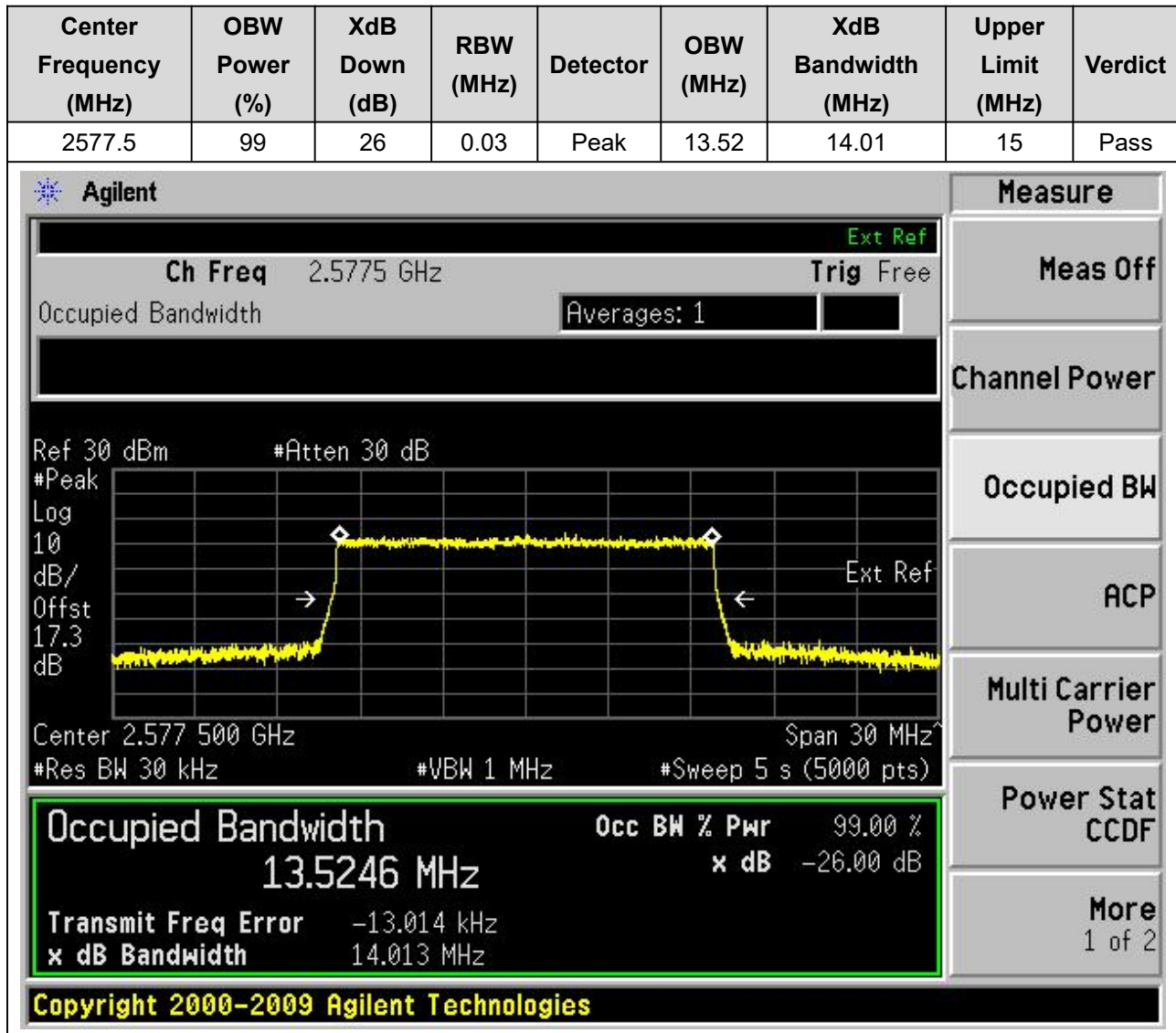
BPSK_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.03	Peak	13.54	14.06	15	Pass



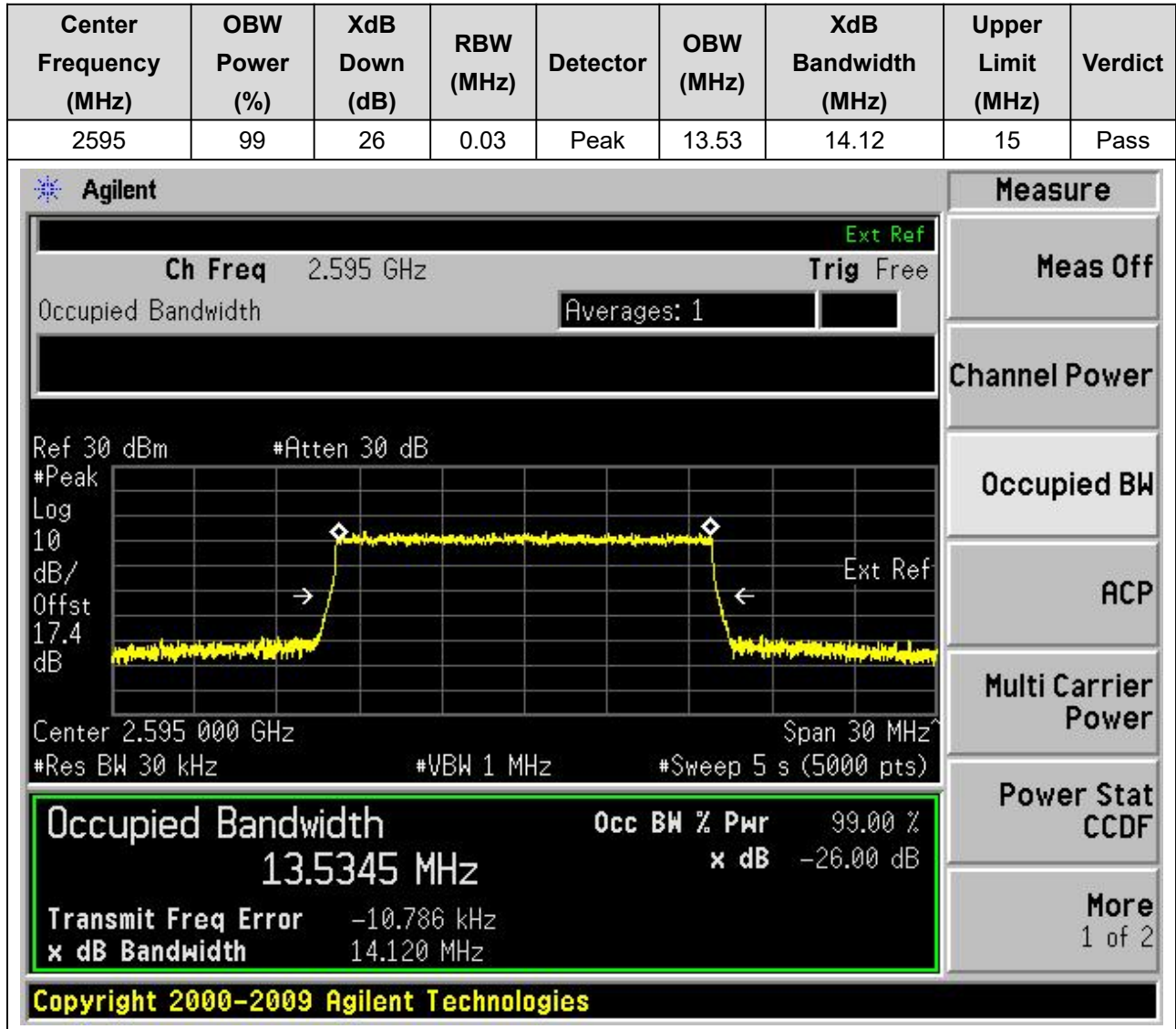
1.22 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)



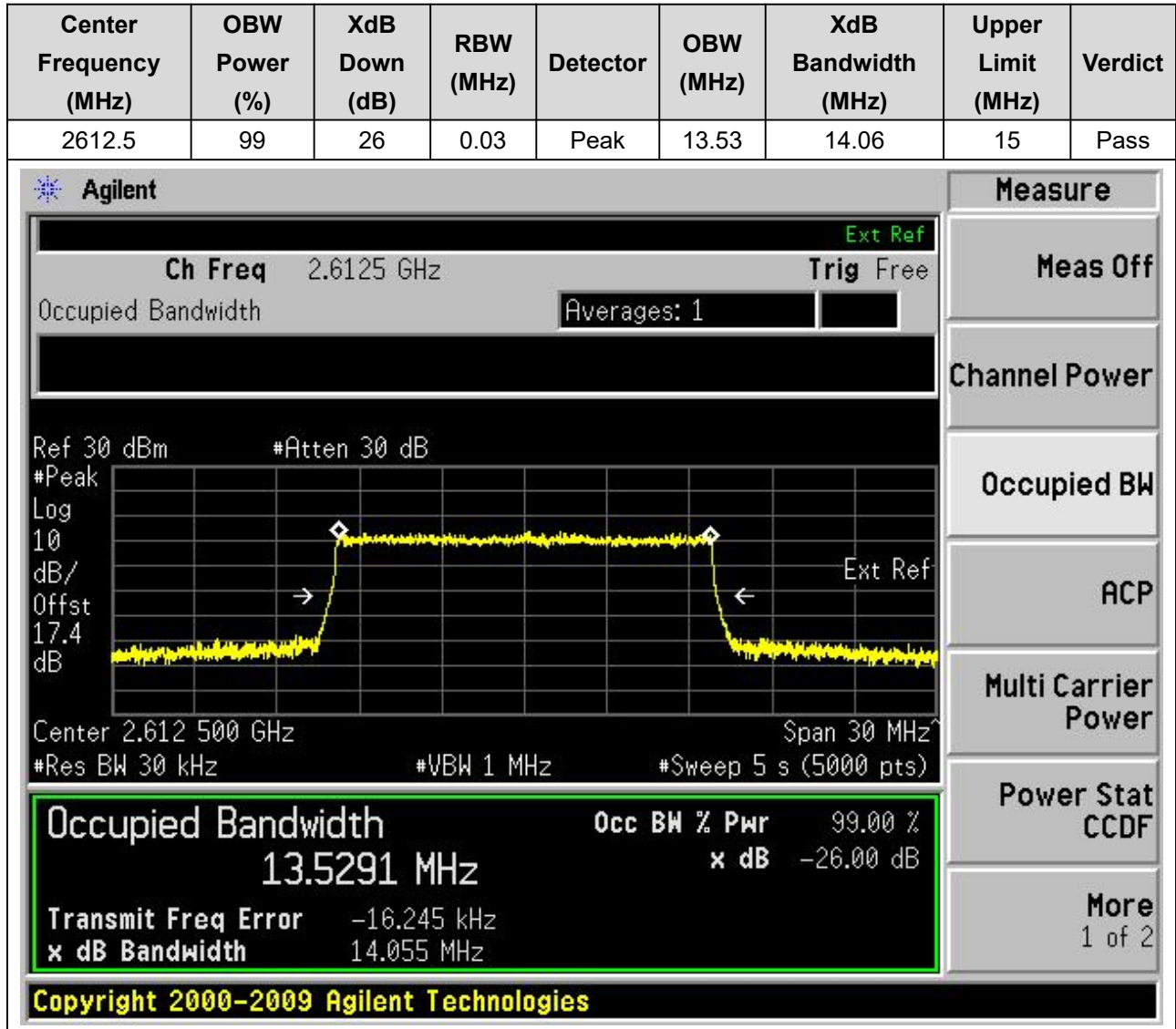
1.23 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)



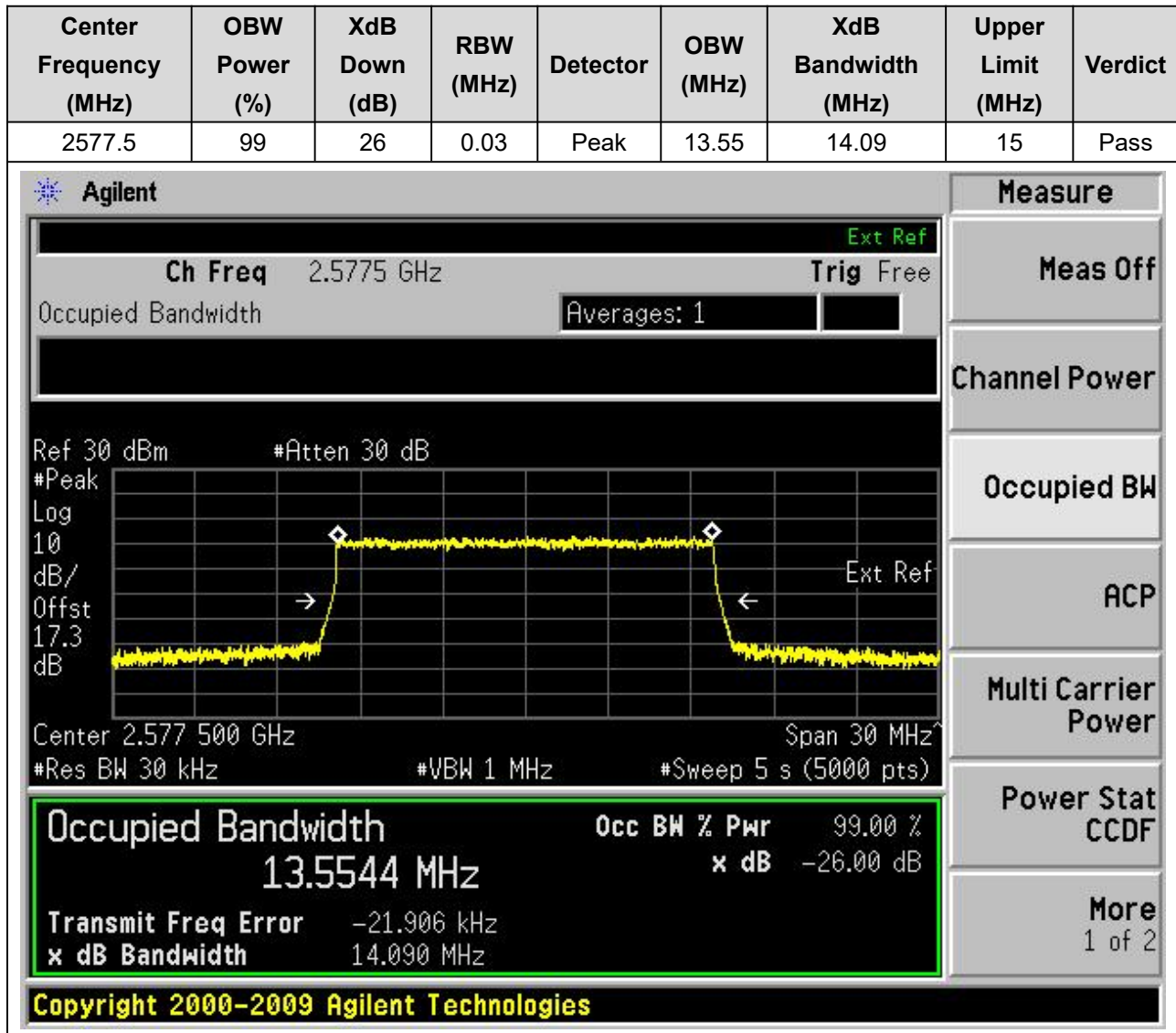
1.24 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)



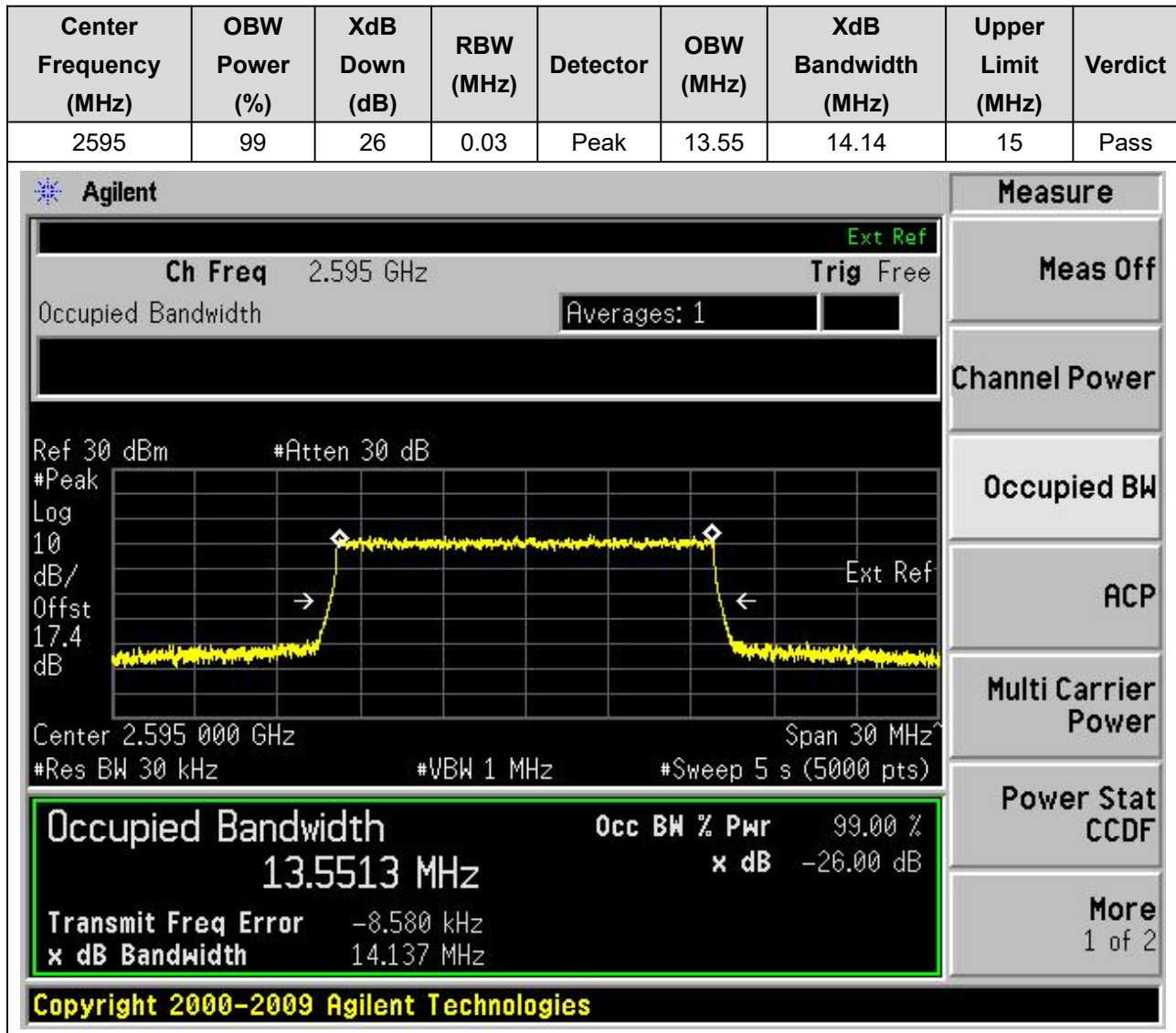
1.25 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)



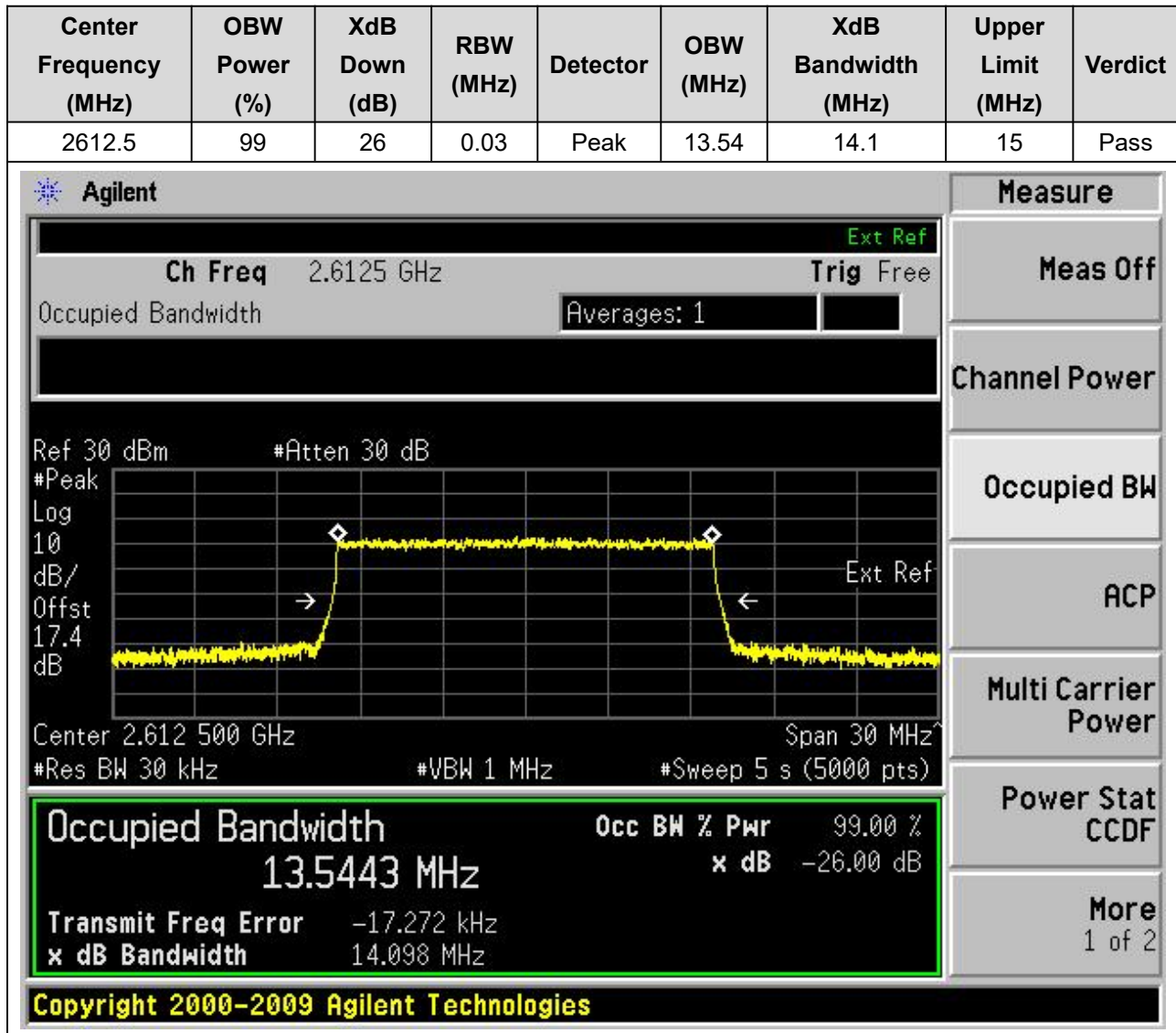
1.26 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)



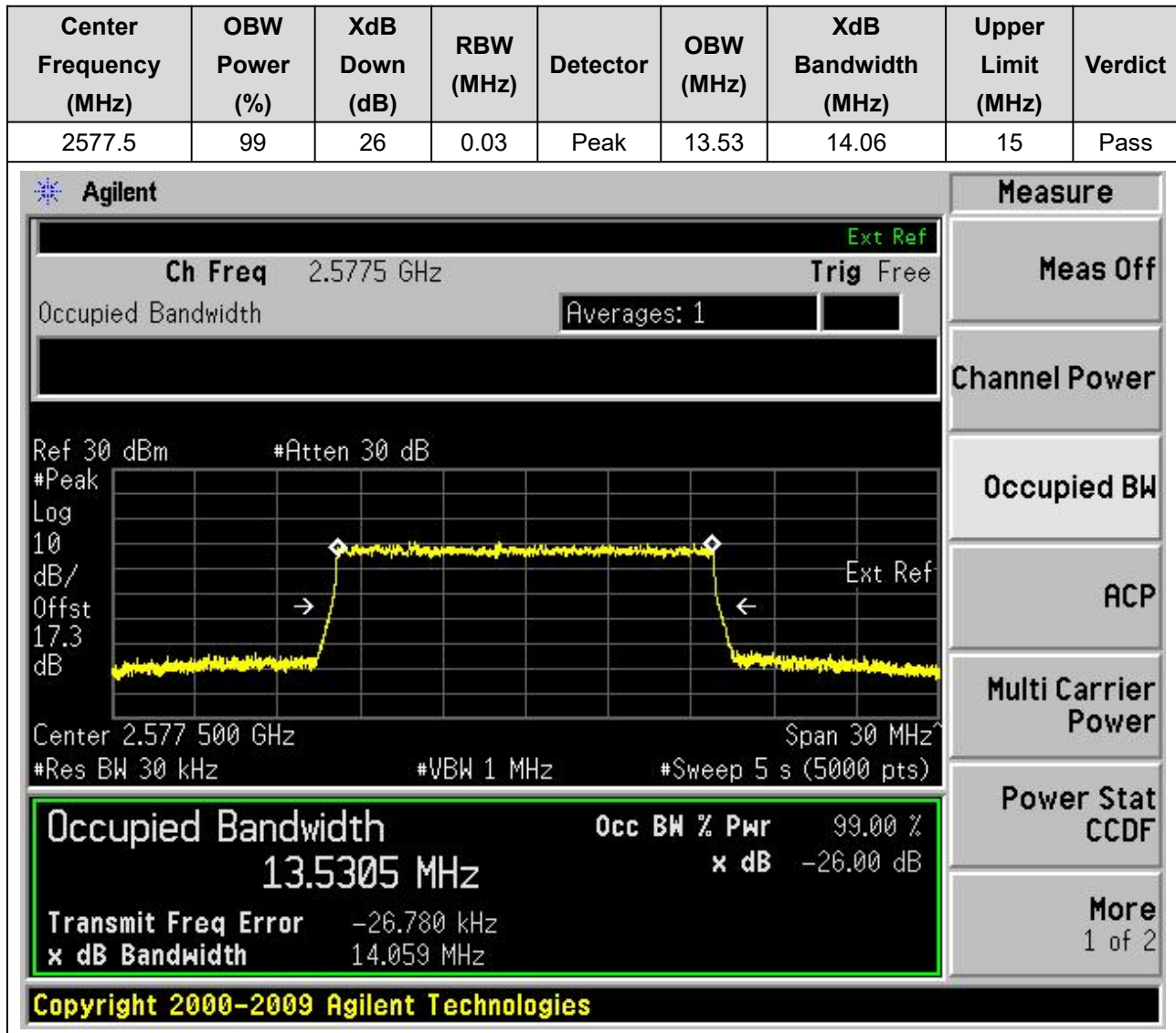
1.27 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)



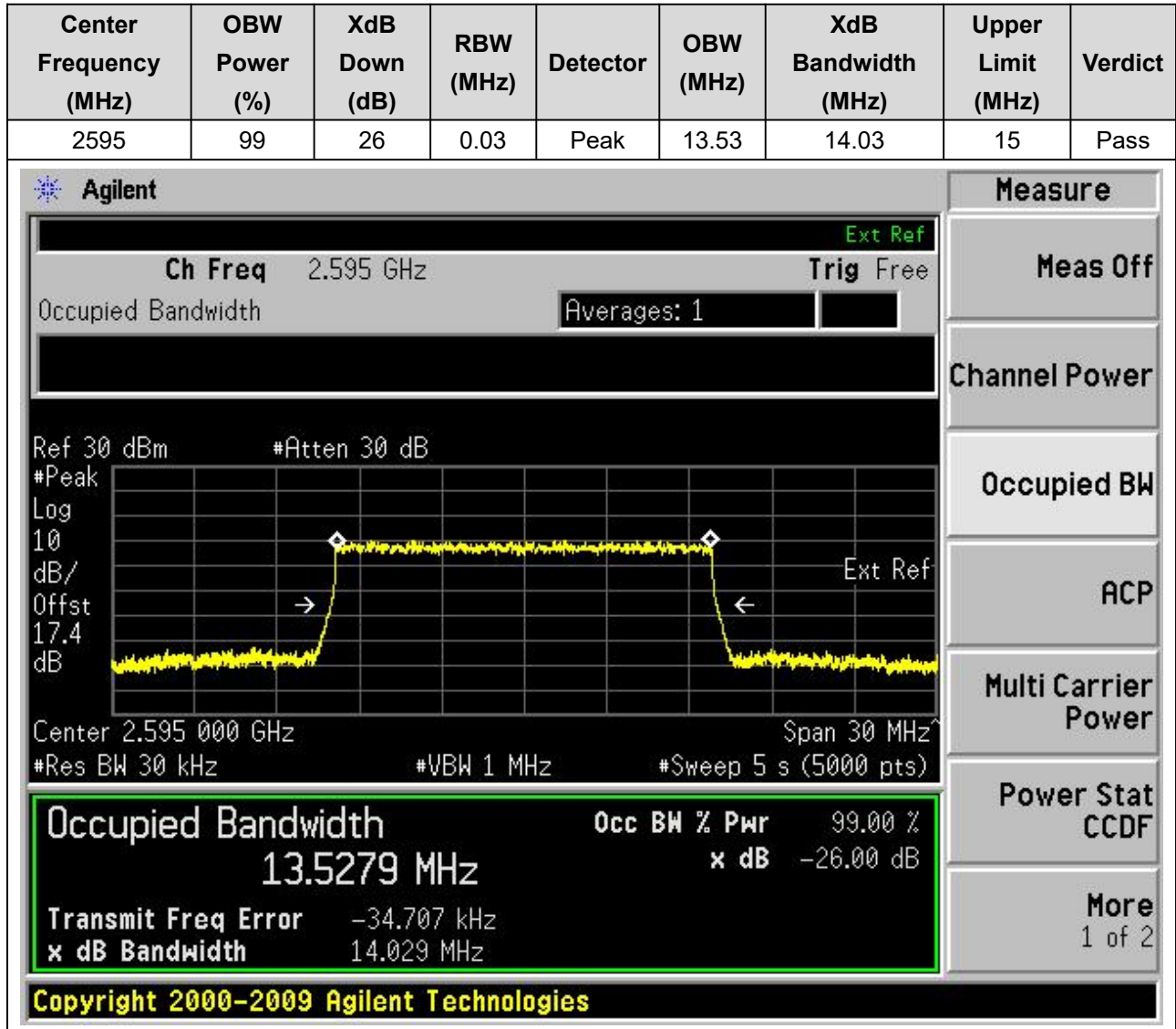
1.28 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)



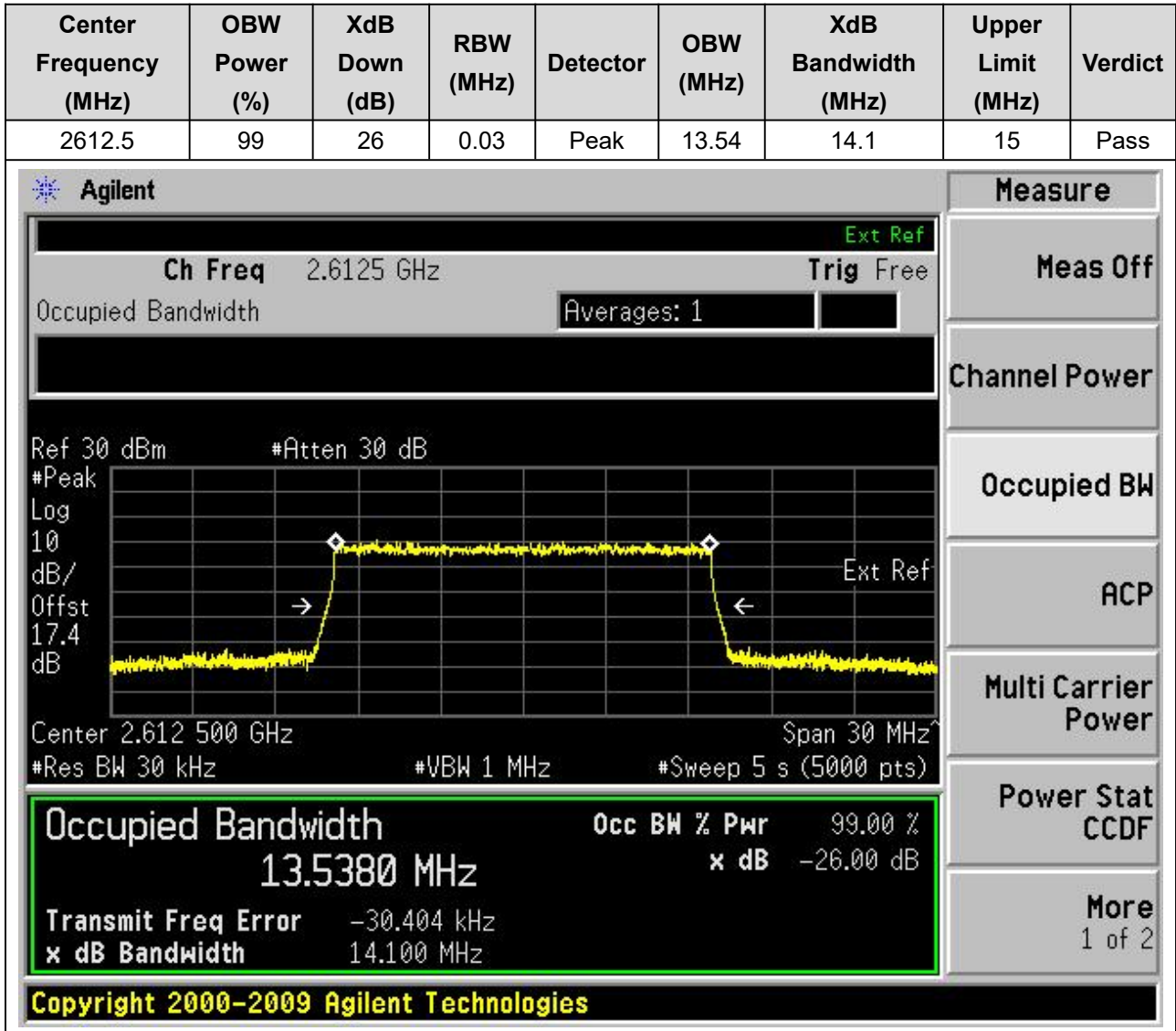
1.29 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)



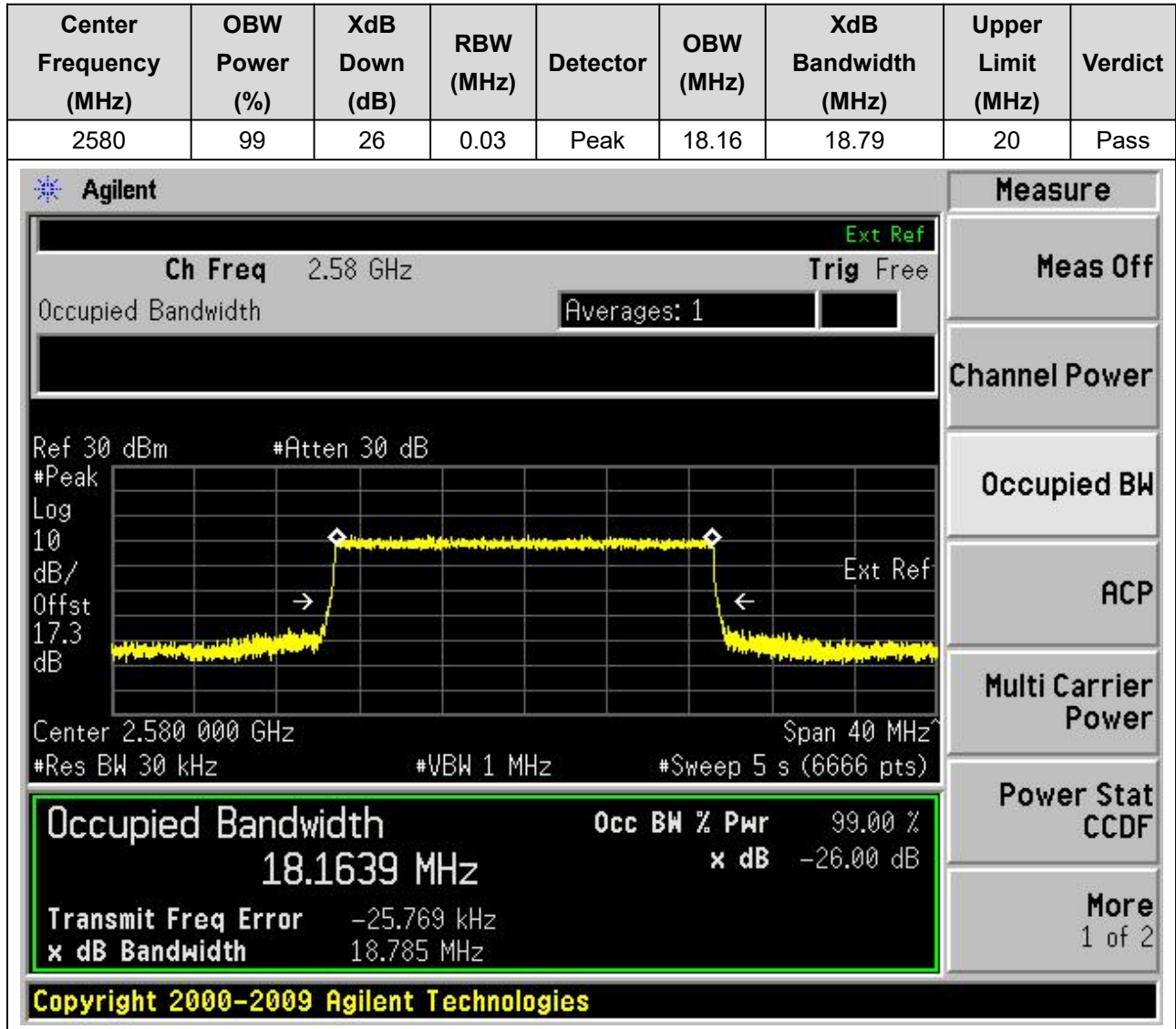
1.30 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)



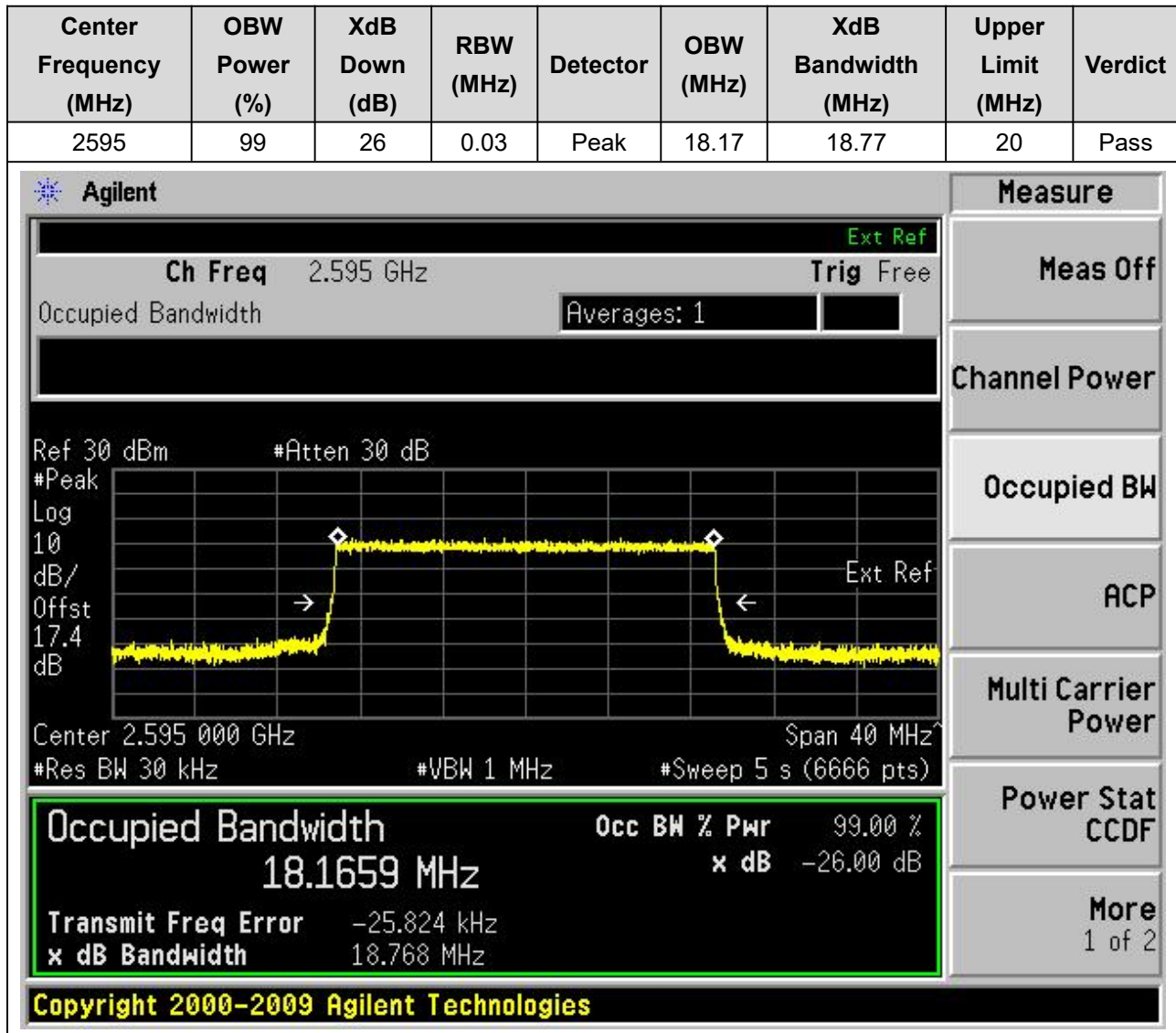
1.31 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:51, RB Position:0)



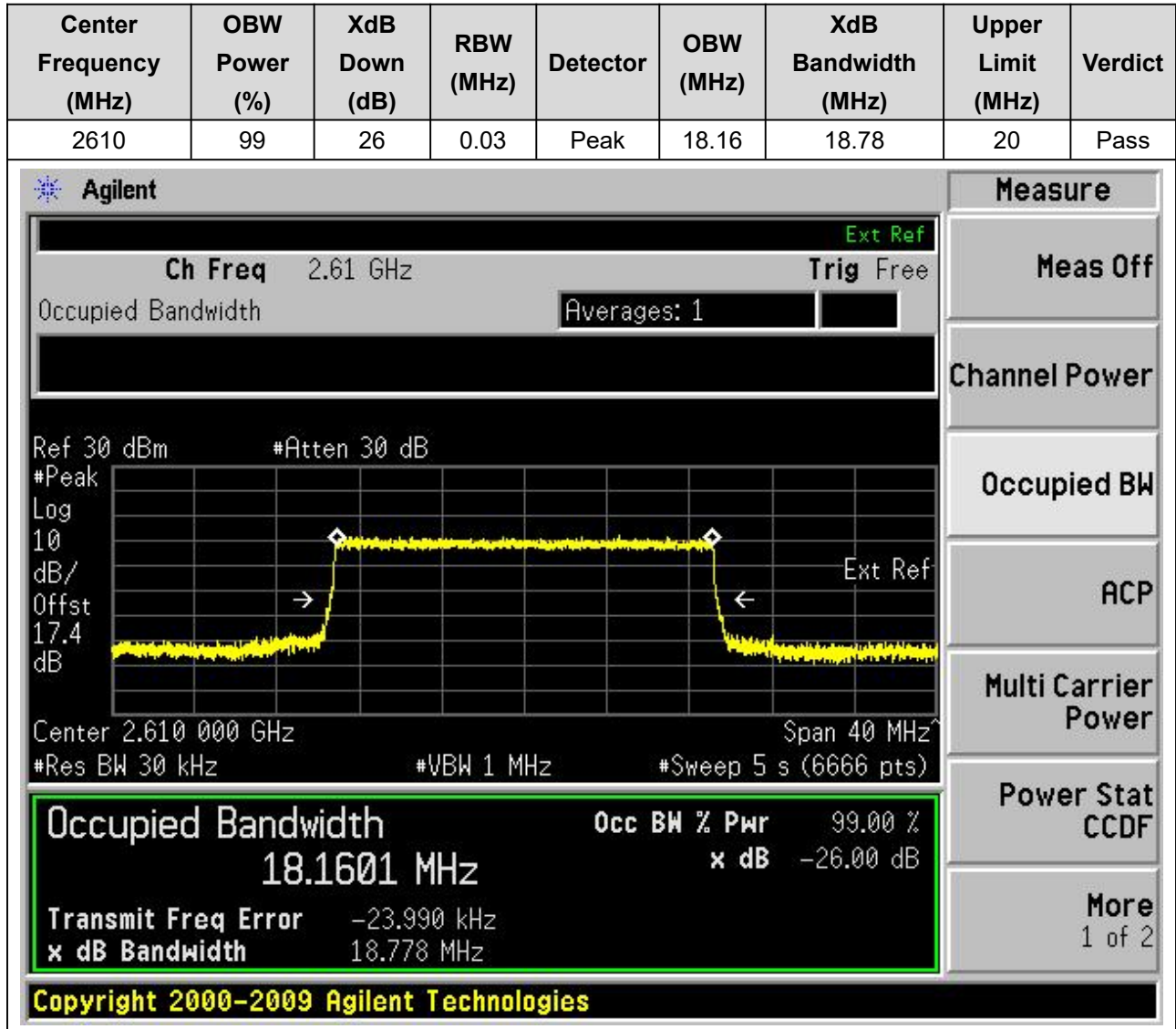
1.32 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:51, RB Position:0)



1.33 Occupied Bandwidth for SA Support PI2

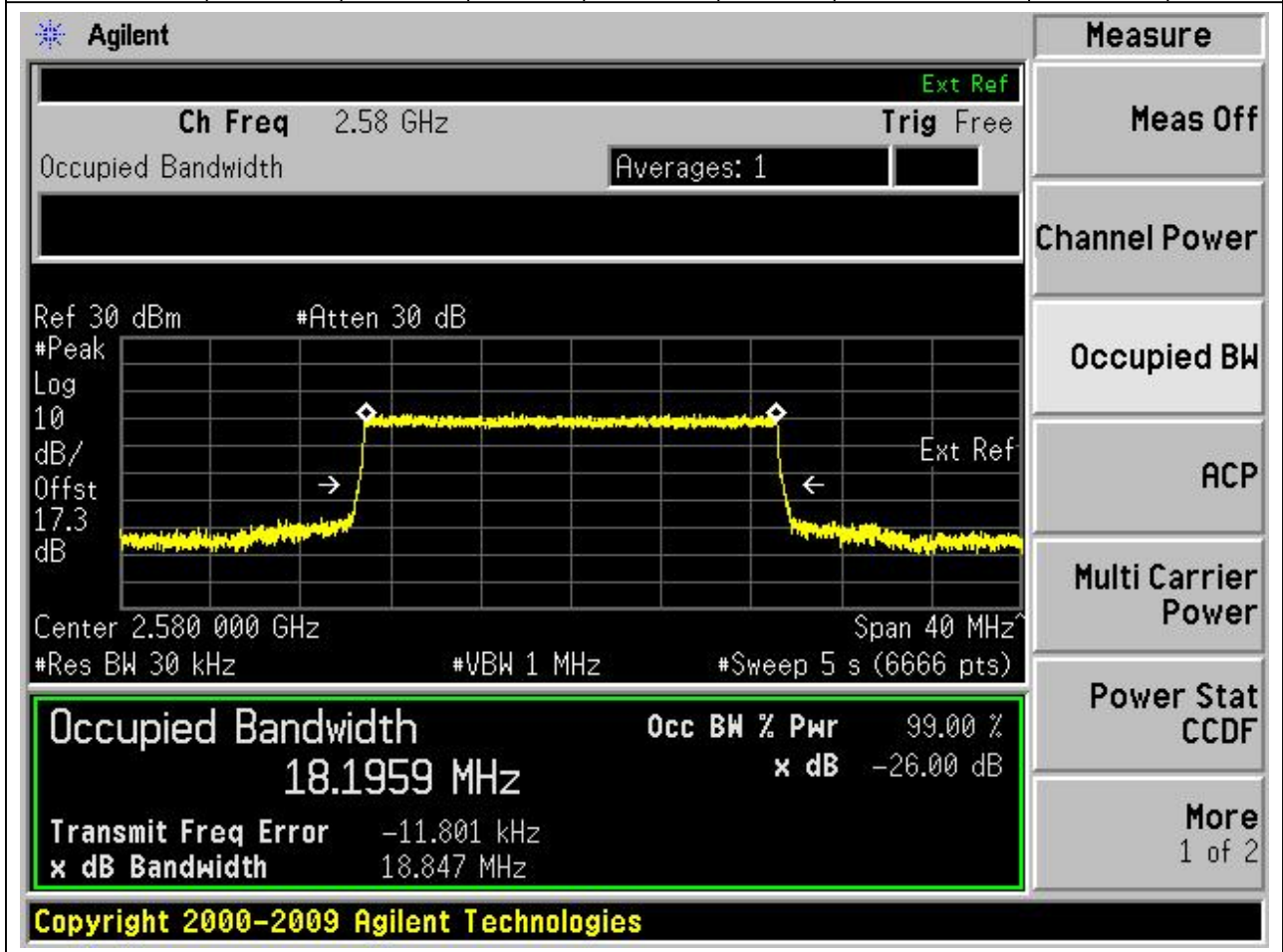
BPSK_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:51, RB Position:0)



1.34 Occupied Bandwidth for SA Support PI2

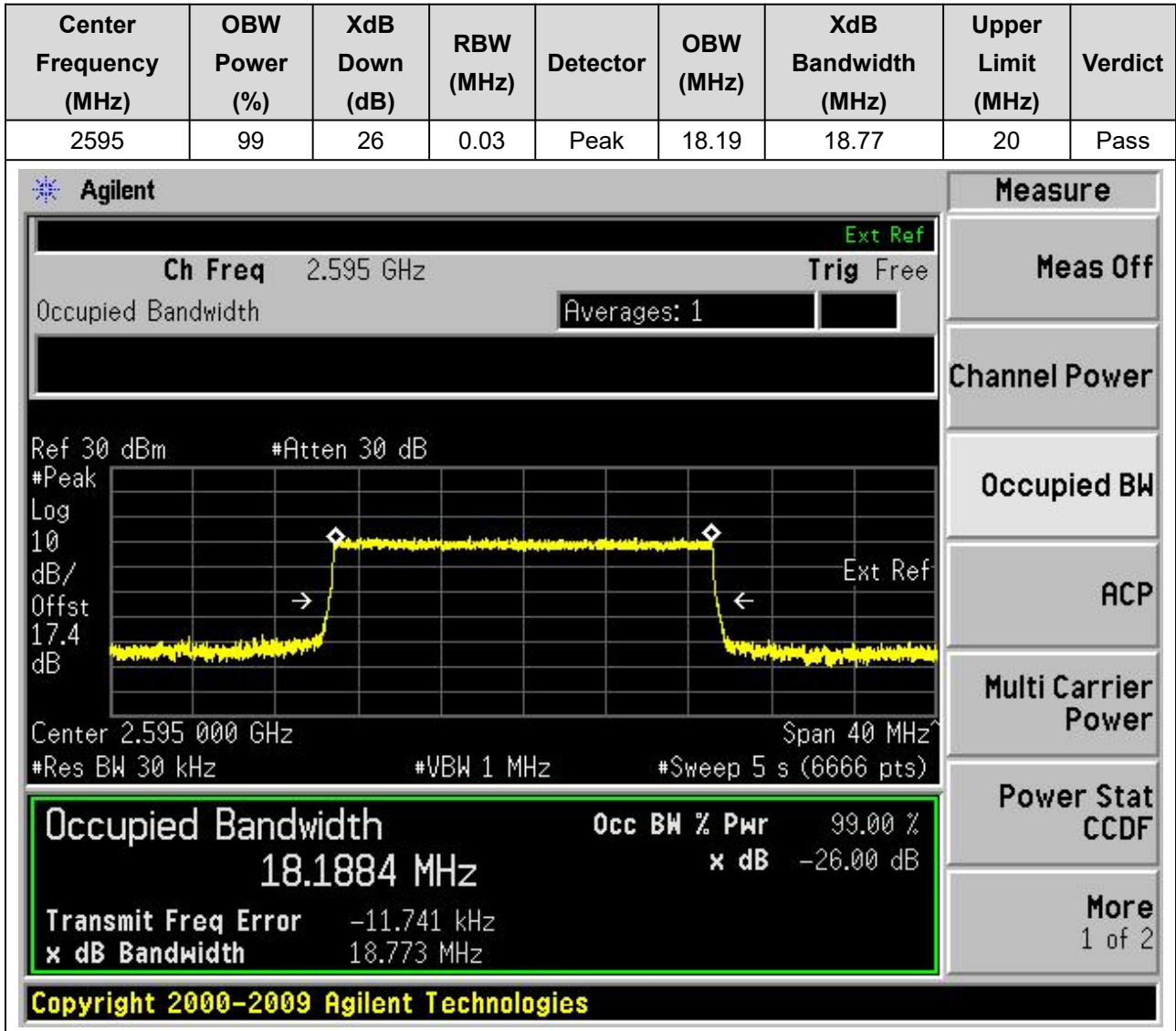
BPSK_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.03	Peak	18.2	18.85	20	Pass



1.35 Occupied Bandwidth for SA Support PI2

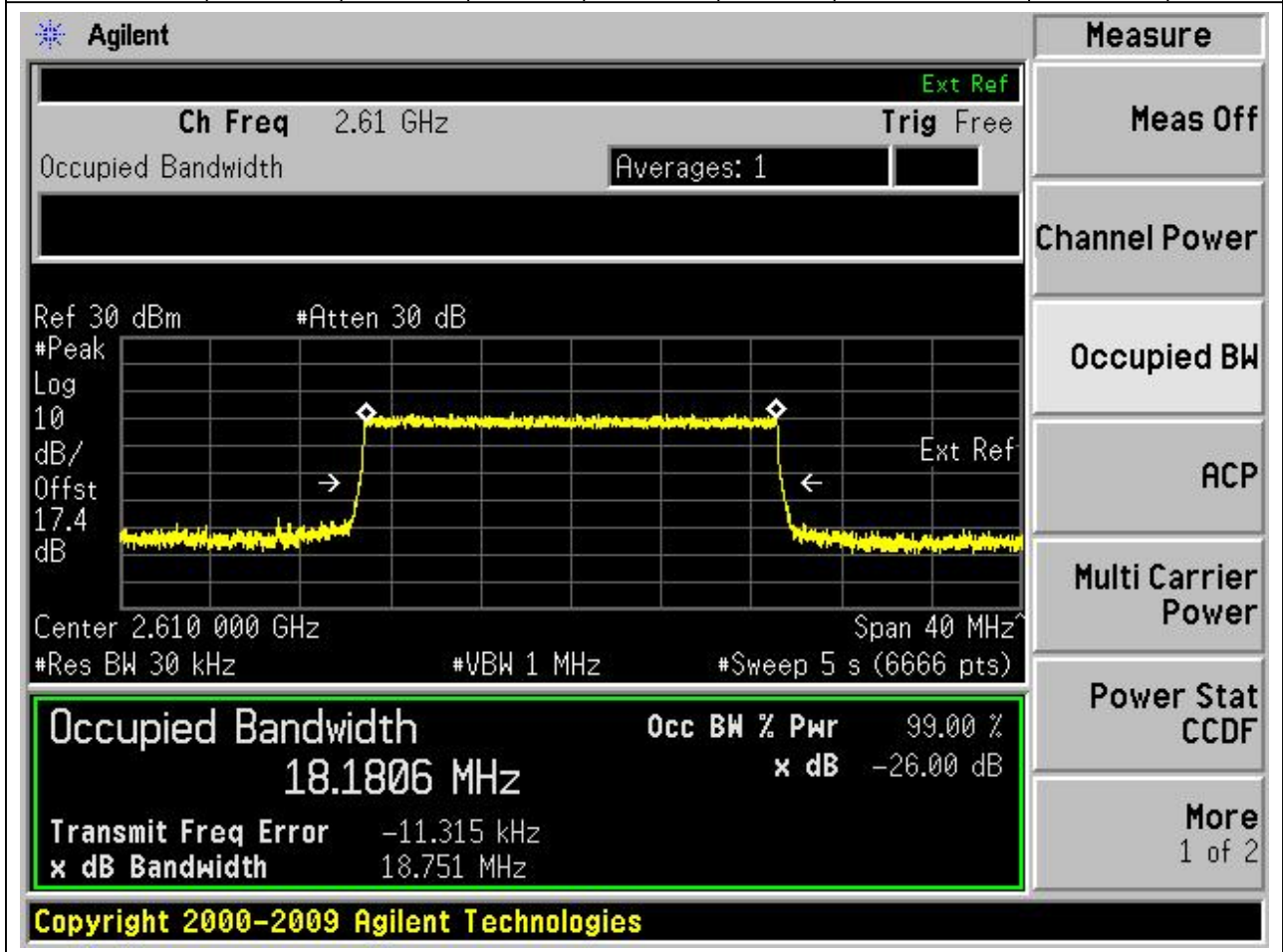
BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)



1.36 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

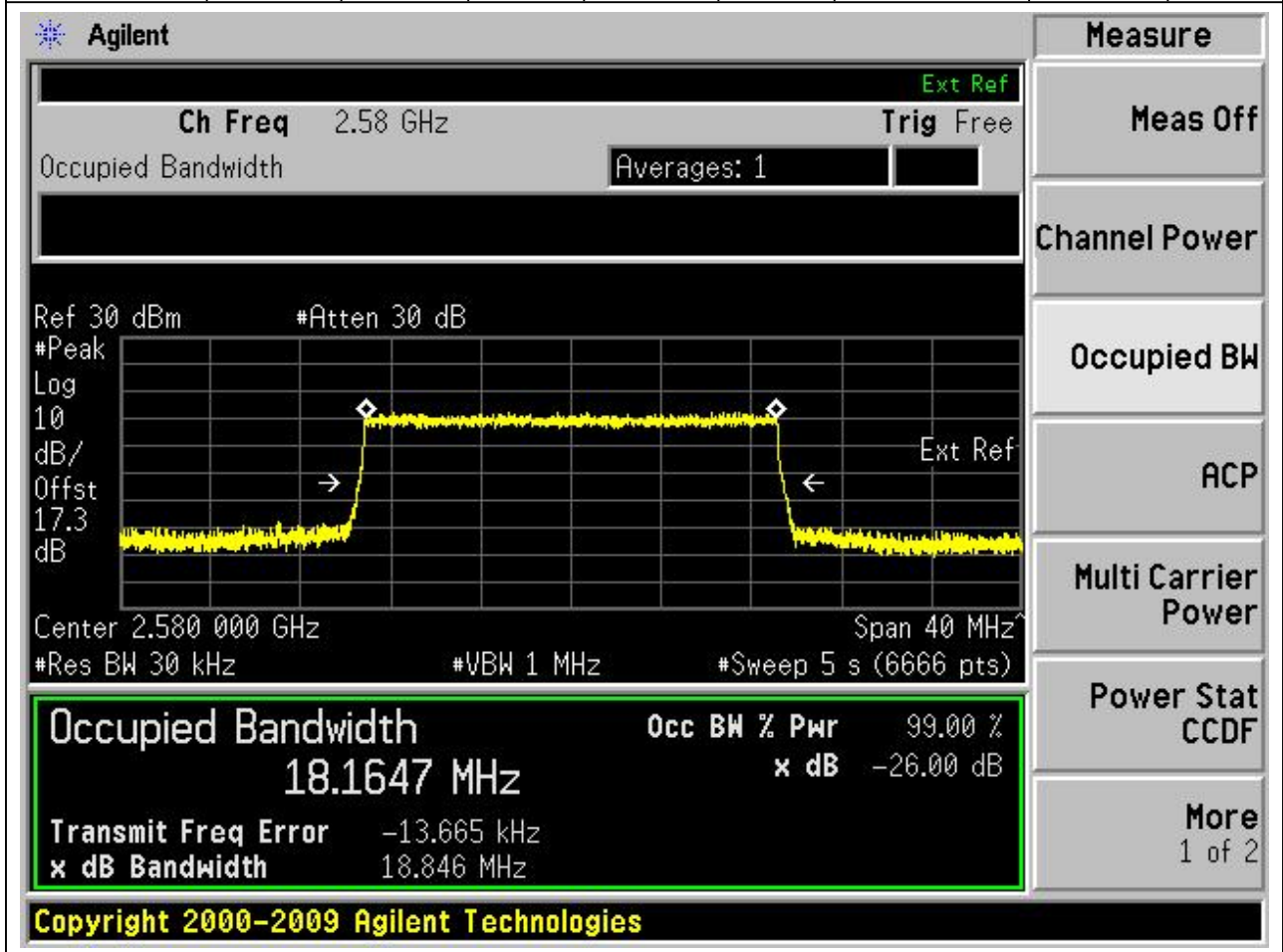
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.03	Peak	18.18	18.75	20	Pass



1.37 Occupied Bandwidth for SA Support PI2

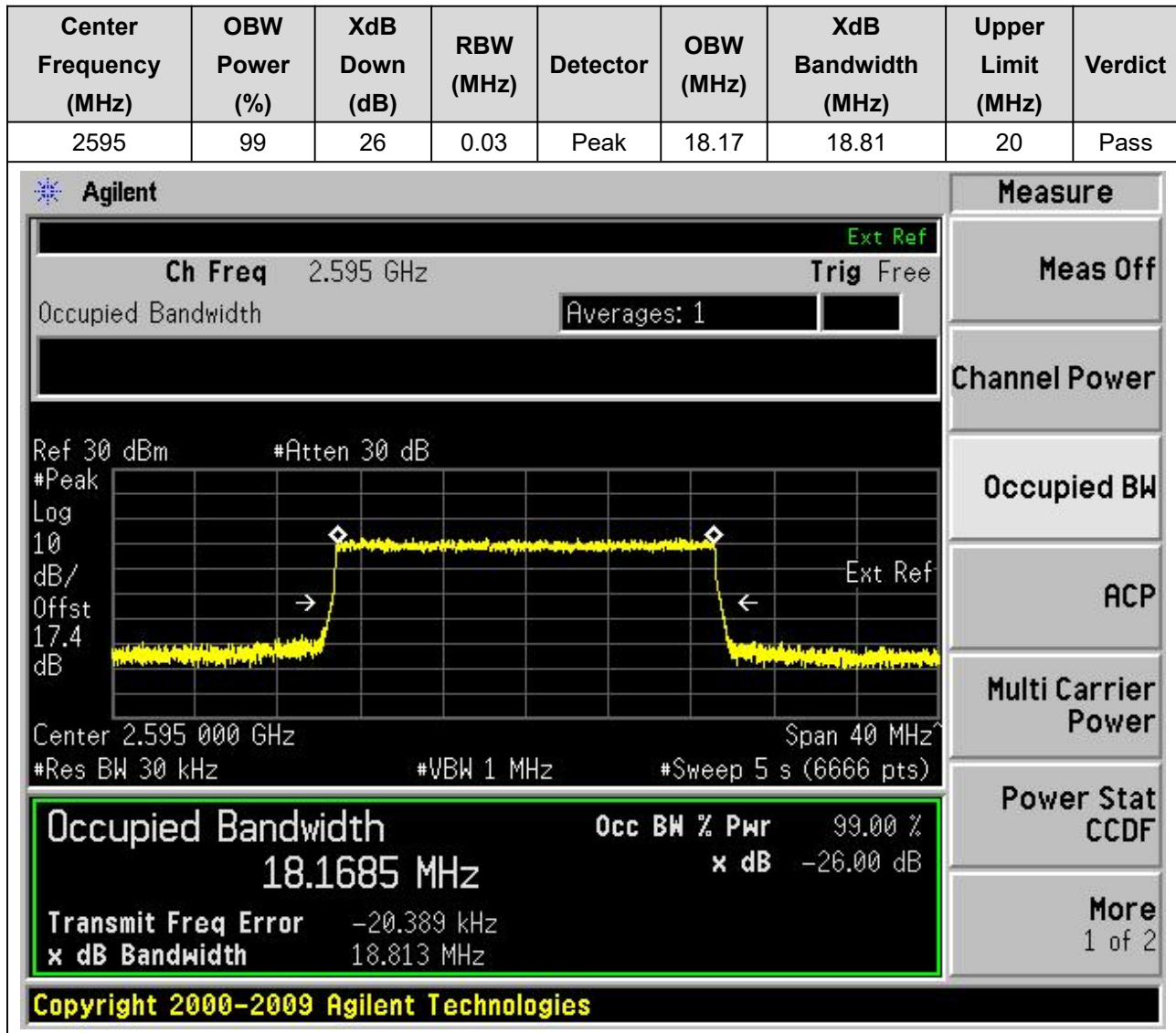
BPSK_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.03	Peak	18.16	18.85	20	Pass



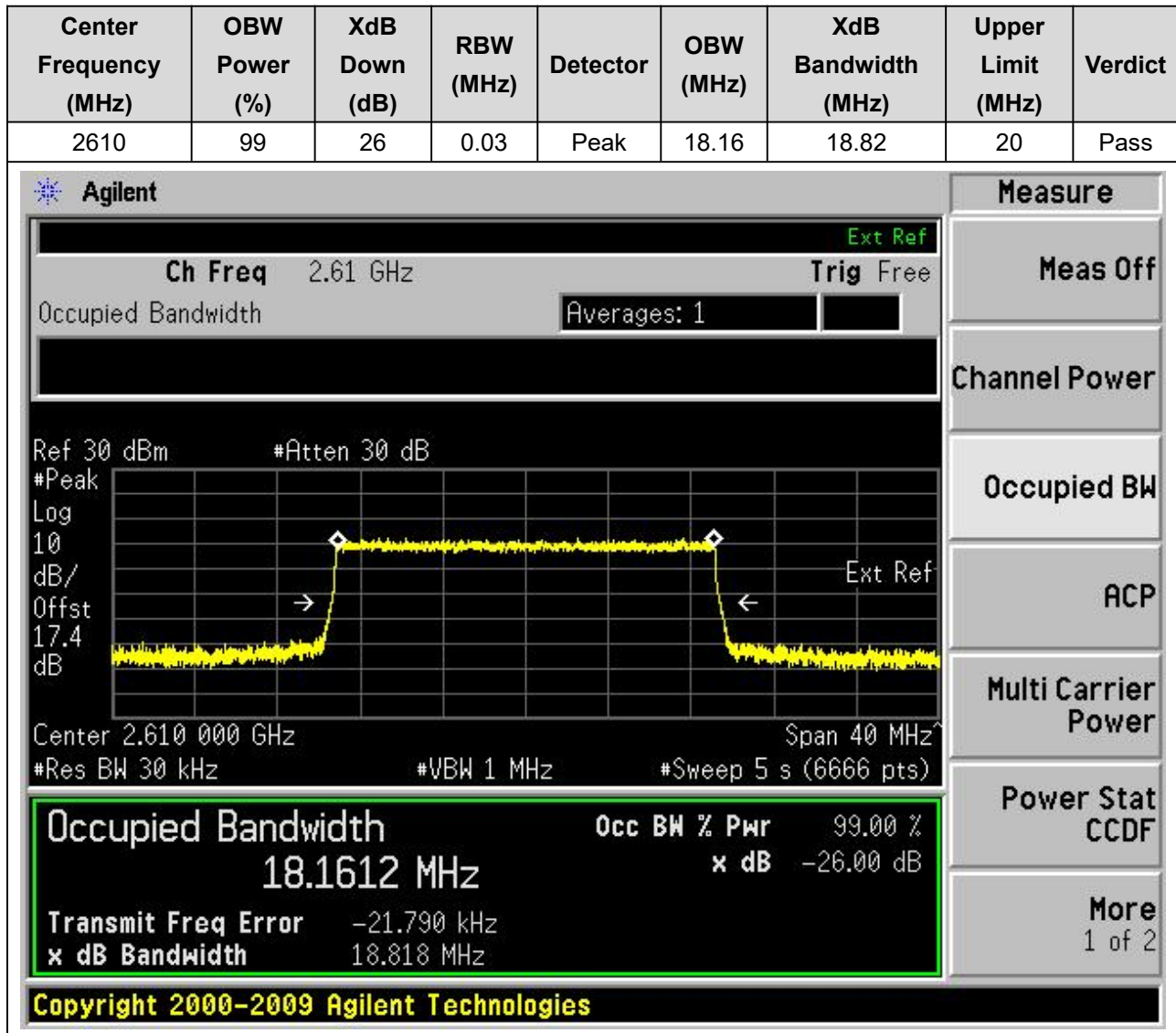
1.38 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)



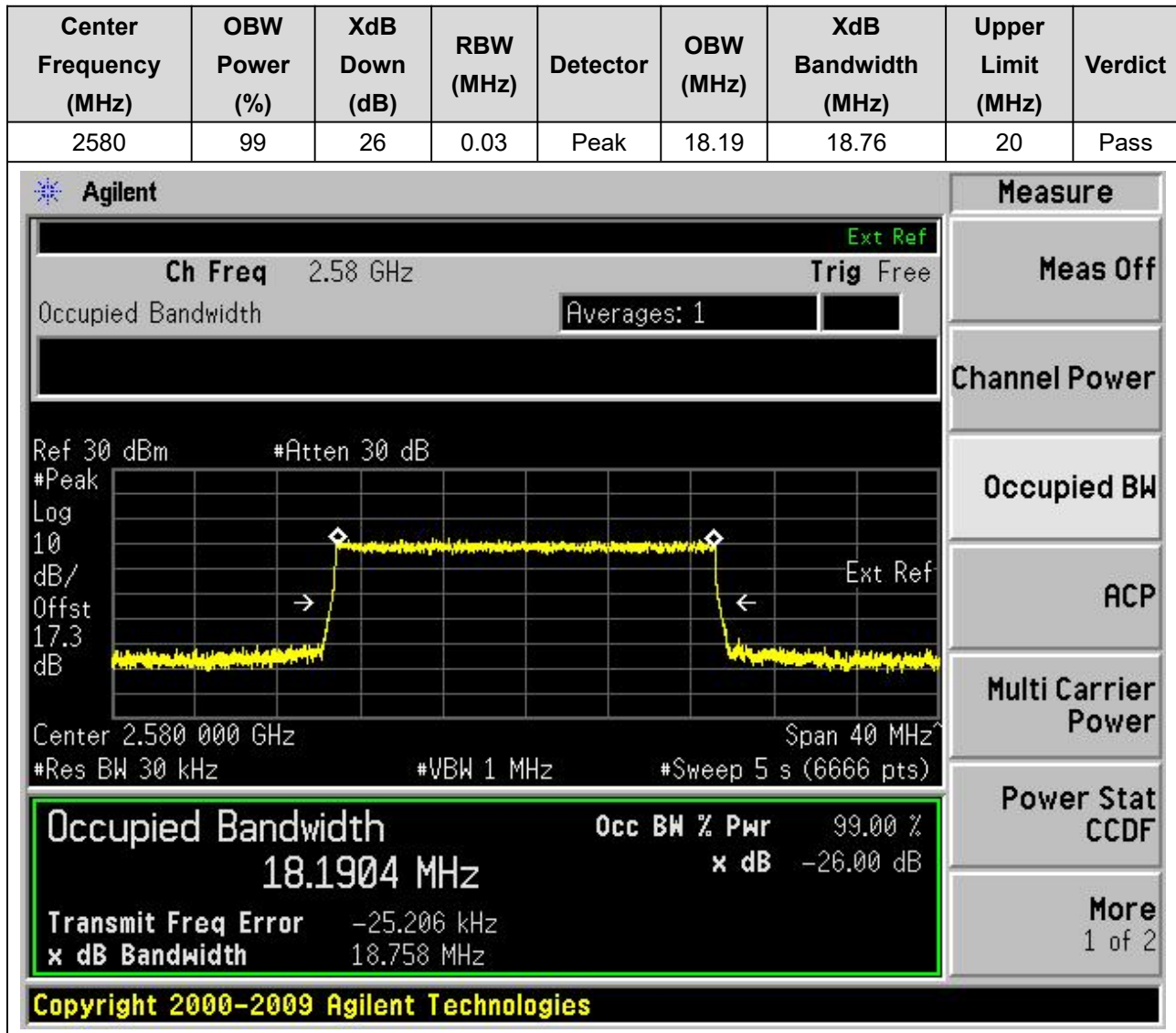
1.39 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)



1.40 Occupied Bandwidth for SA Support PI2

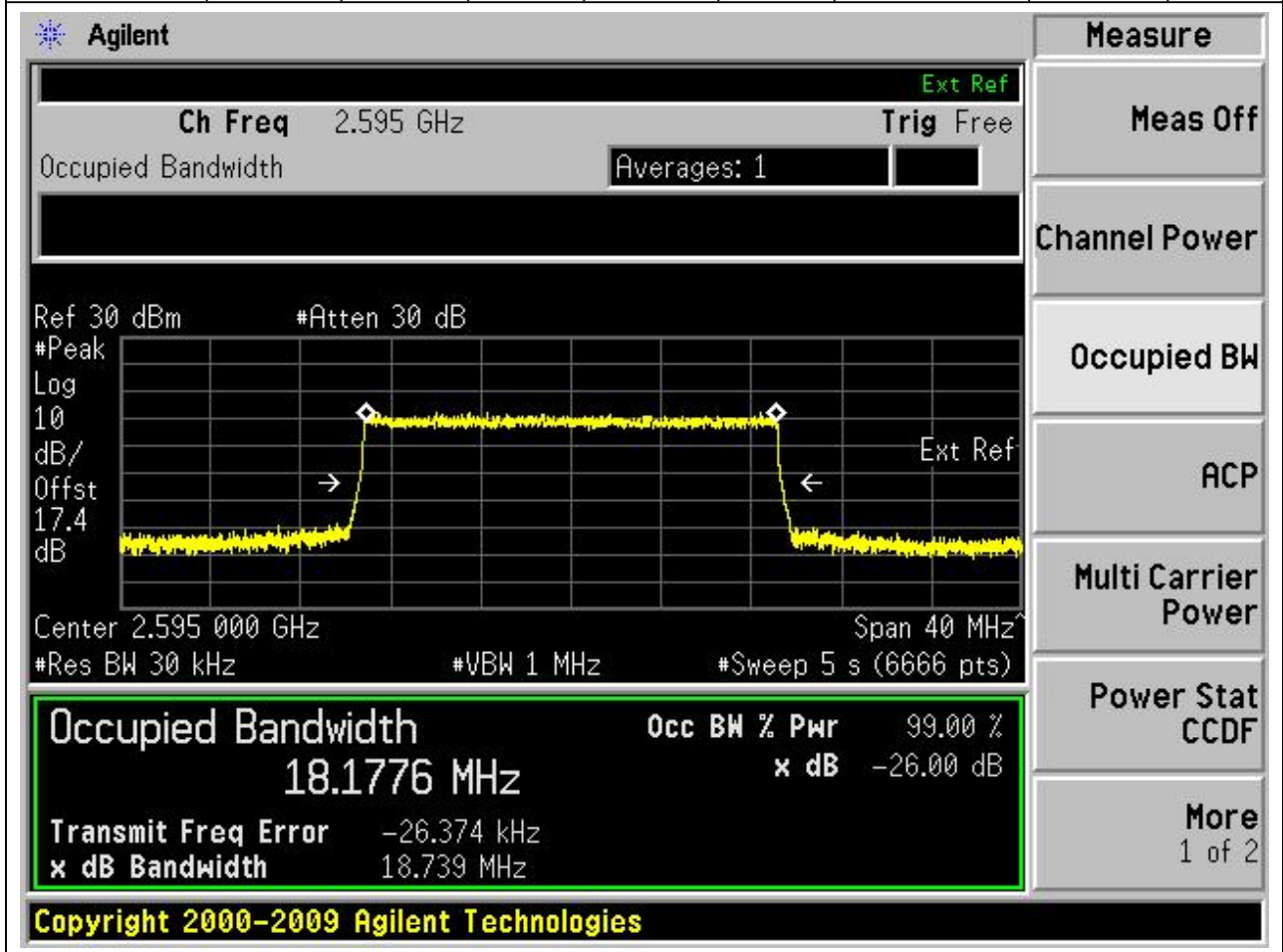
BPSK_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)



1.41 Occupied Bandwidth for SA Support PI2

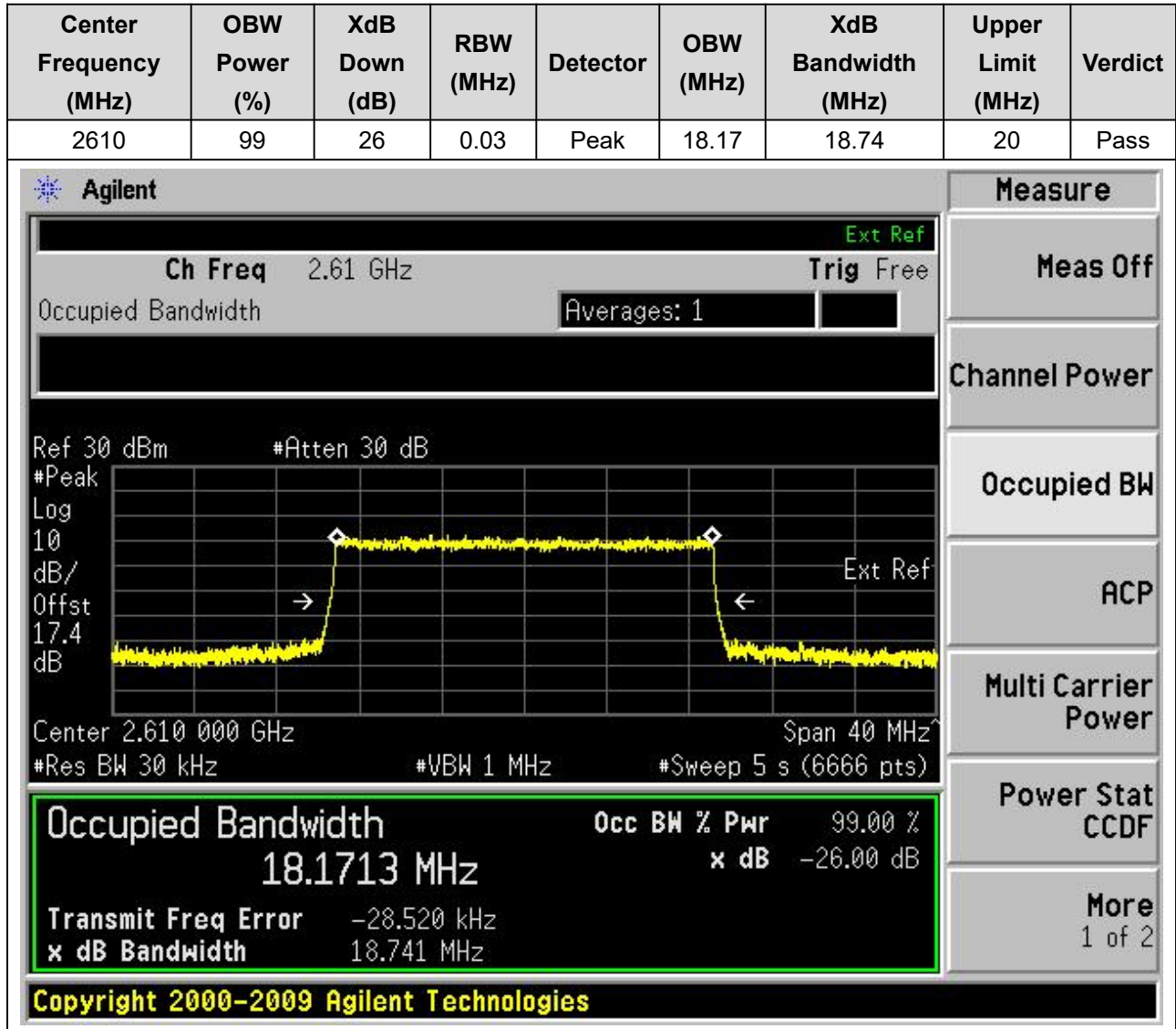
BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	18.18	18.74	20	Pass



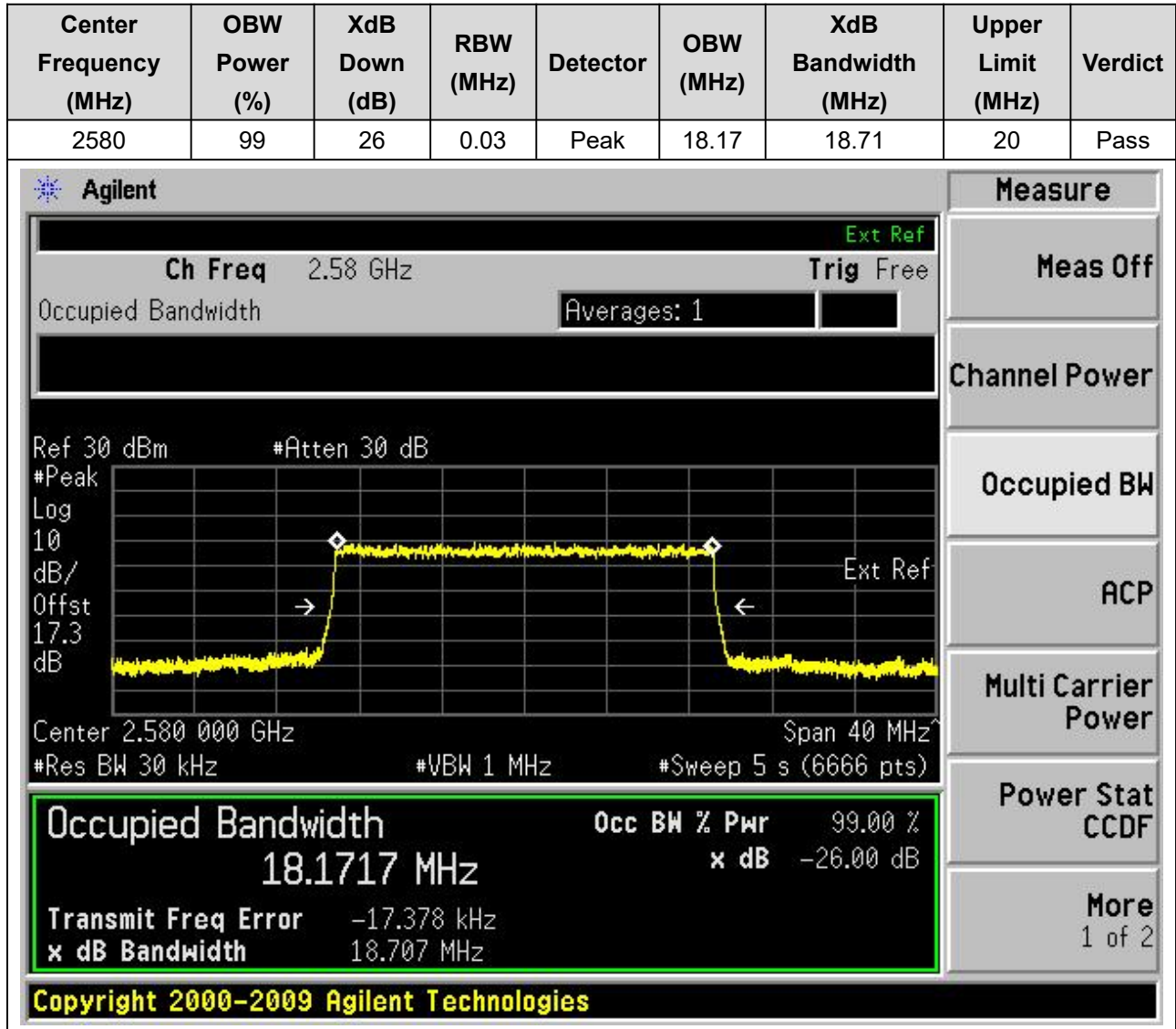
1.42 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)



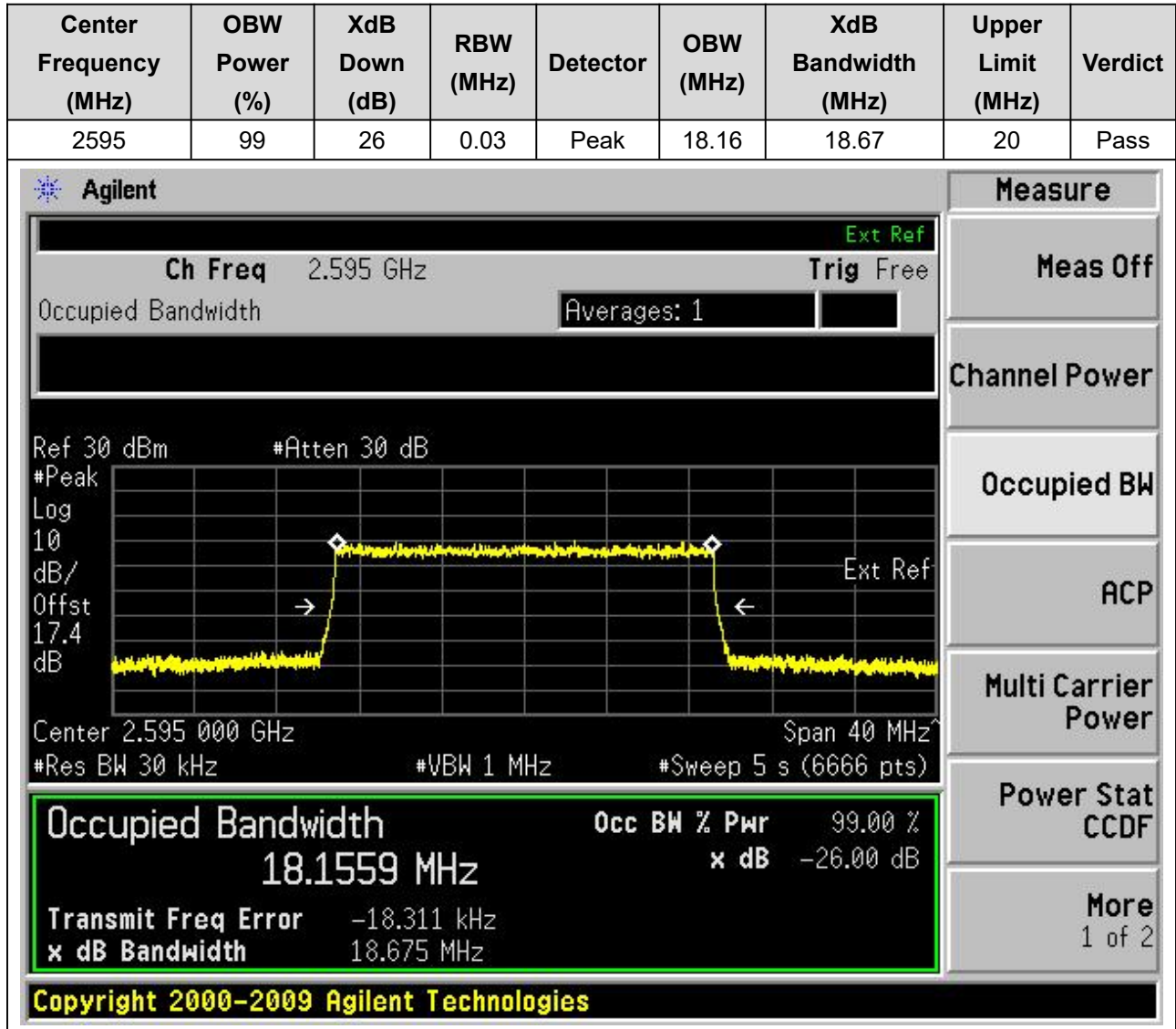
1.43 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)



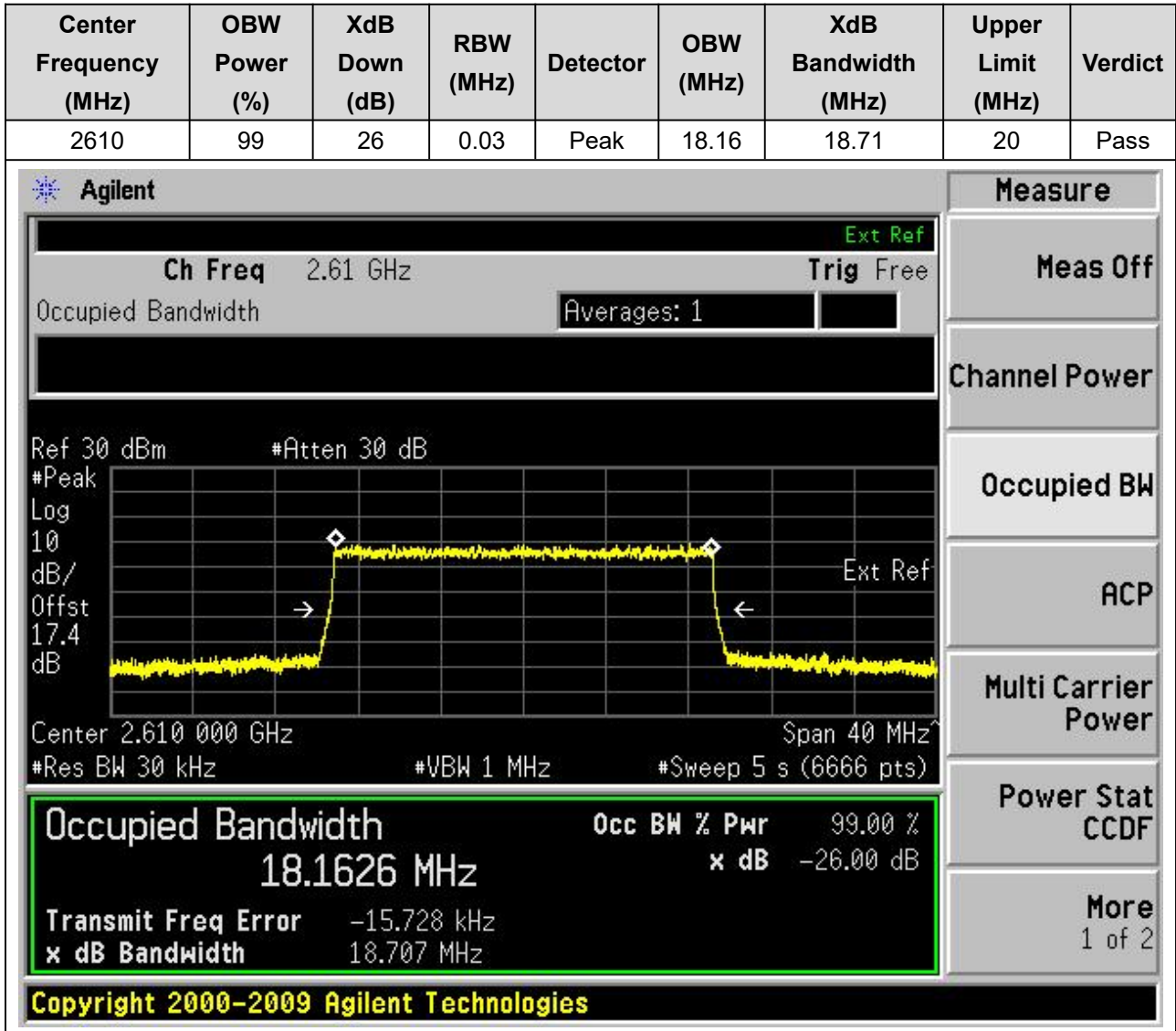
1.44 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)



1.45 Occupied Bandwidth for SA Support PI2

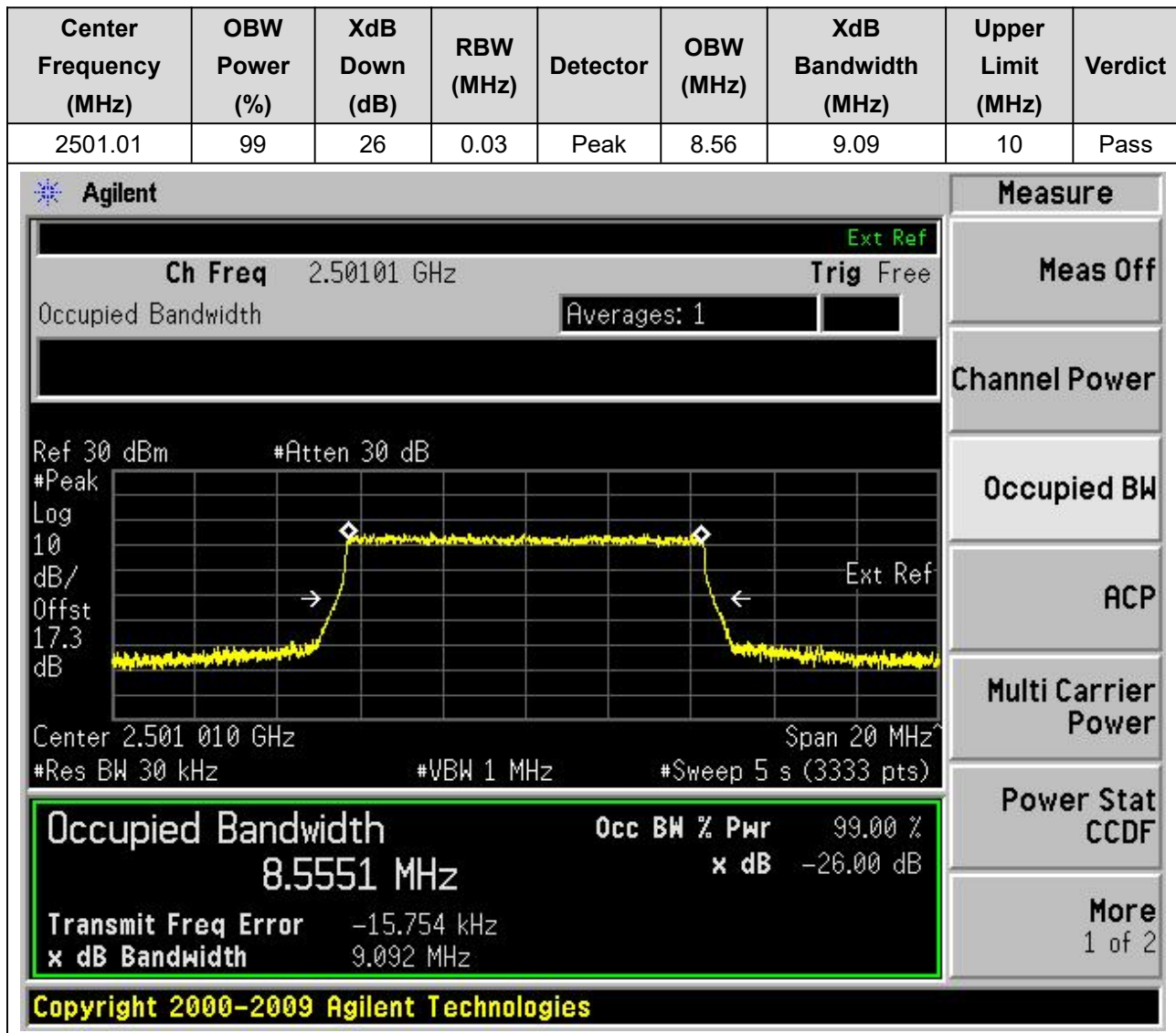
BPSK_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30,
OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)



2. n41

2.1 Occupied Bandwidth for SA Support PI2

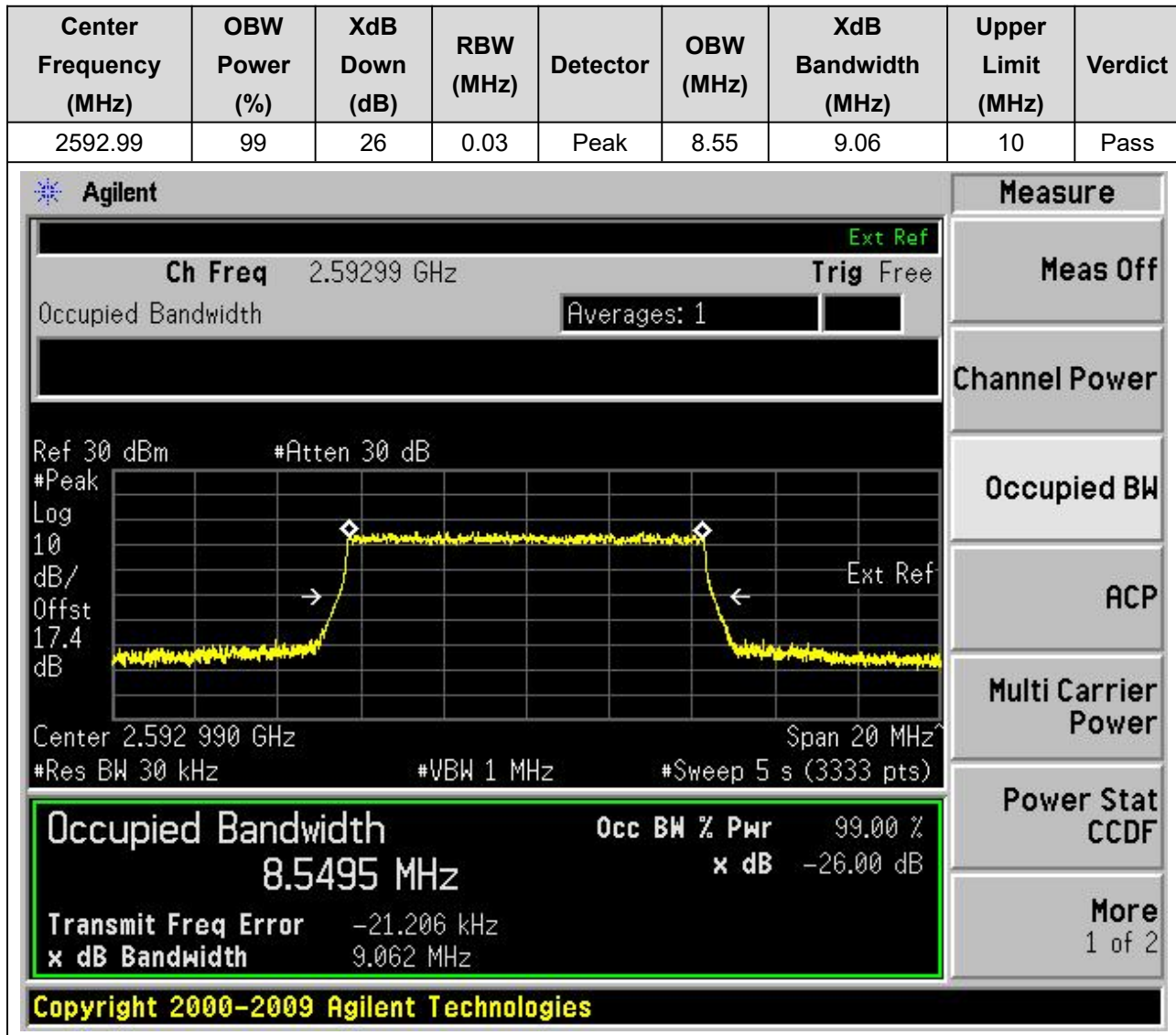
BPSK_Part22-24-27(NTNV)(Channel:500202, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:24, RB Position:0)



2.2 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:518598, Bandwidth:10, SCS:30,

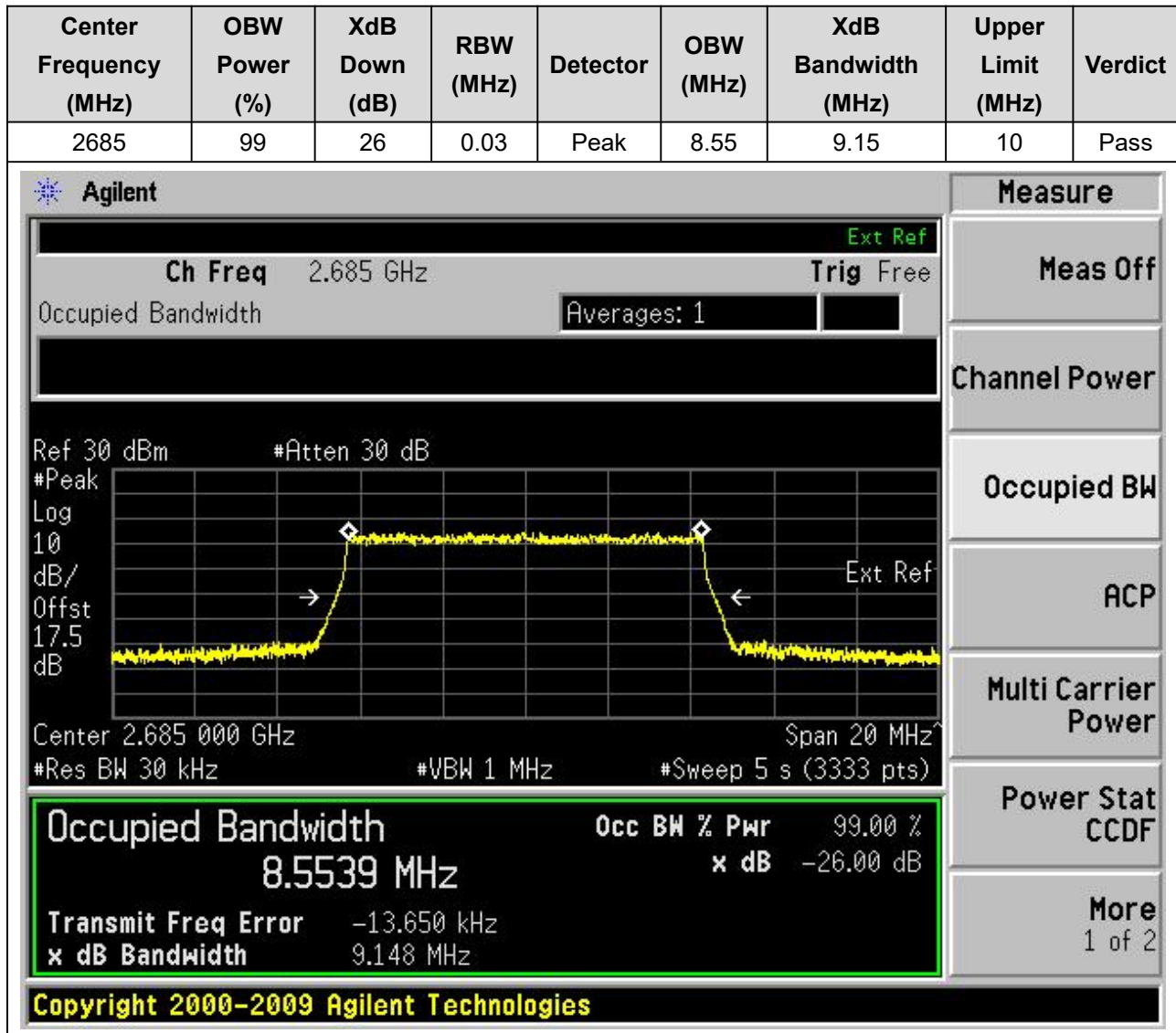
OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:24, RB Position:0)



2.3 Occupied Bandwidth for SA Support PI2

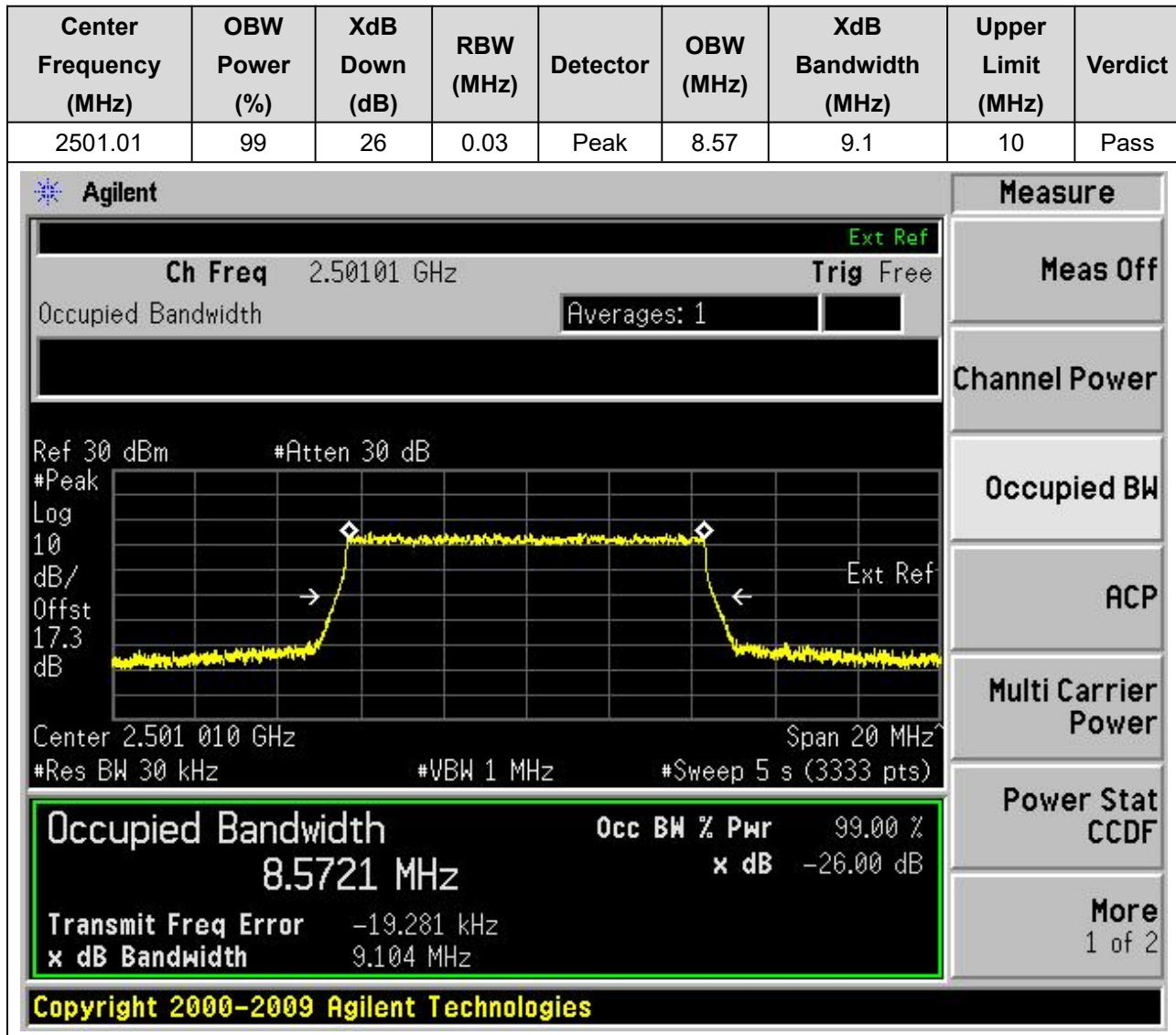
BPSK_Part22-24-27(NTNV)(Channel:537000, Bandwidth:10, SCS:30,

OFDM:CP-OFDM, Modulation:Pi/2-BPSK, RB Number:24, RB Position:0)



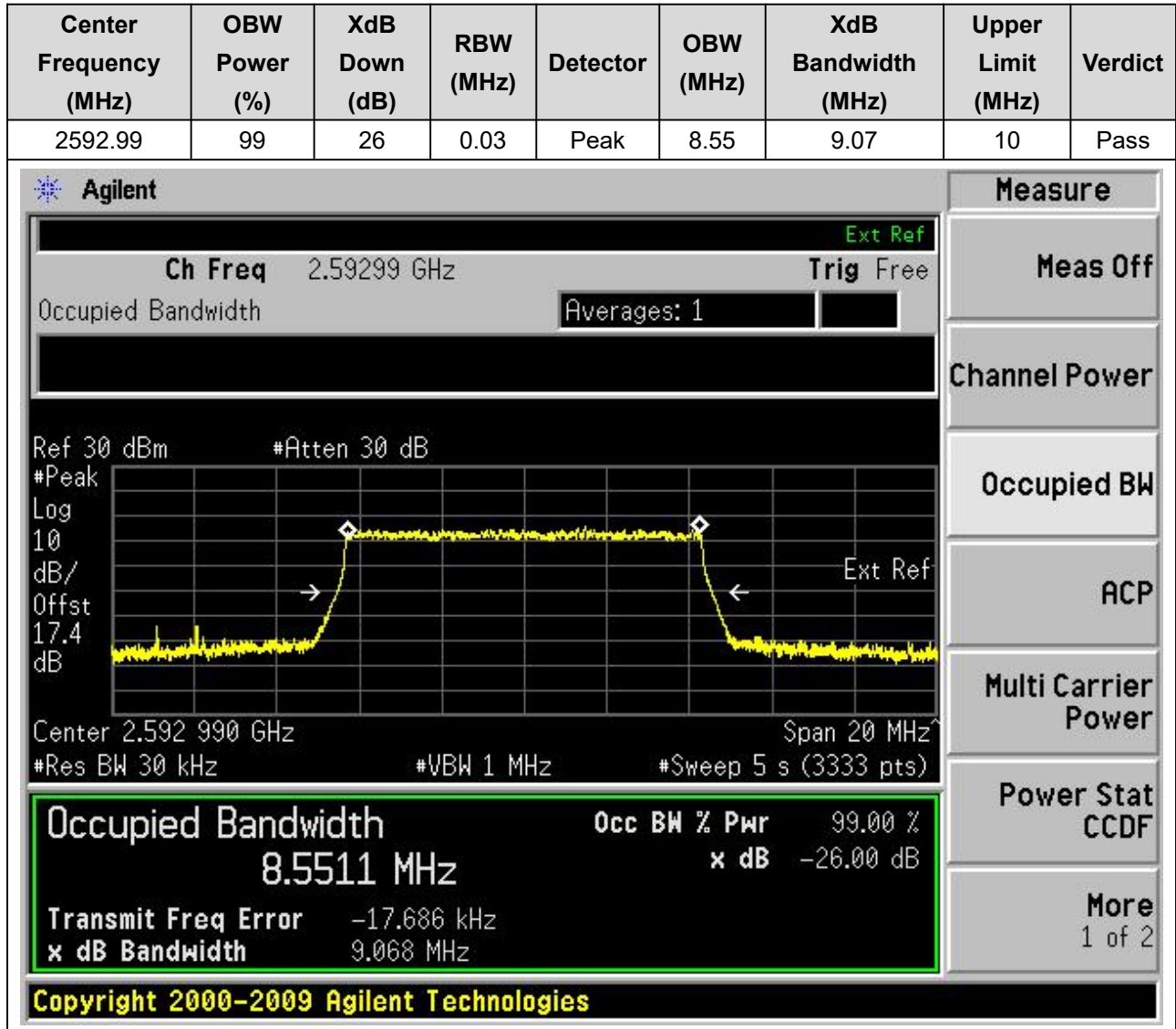
2.4 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:500202, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



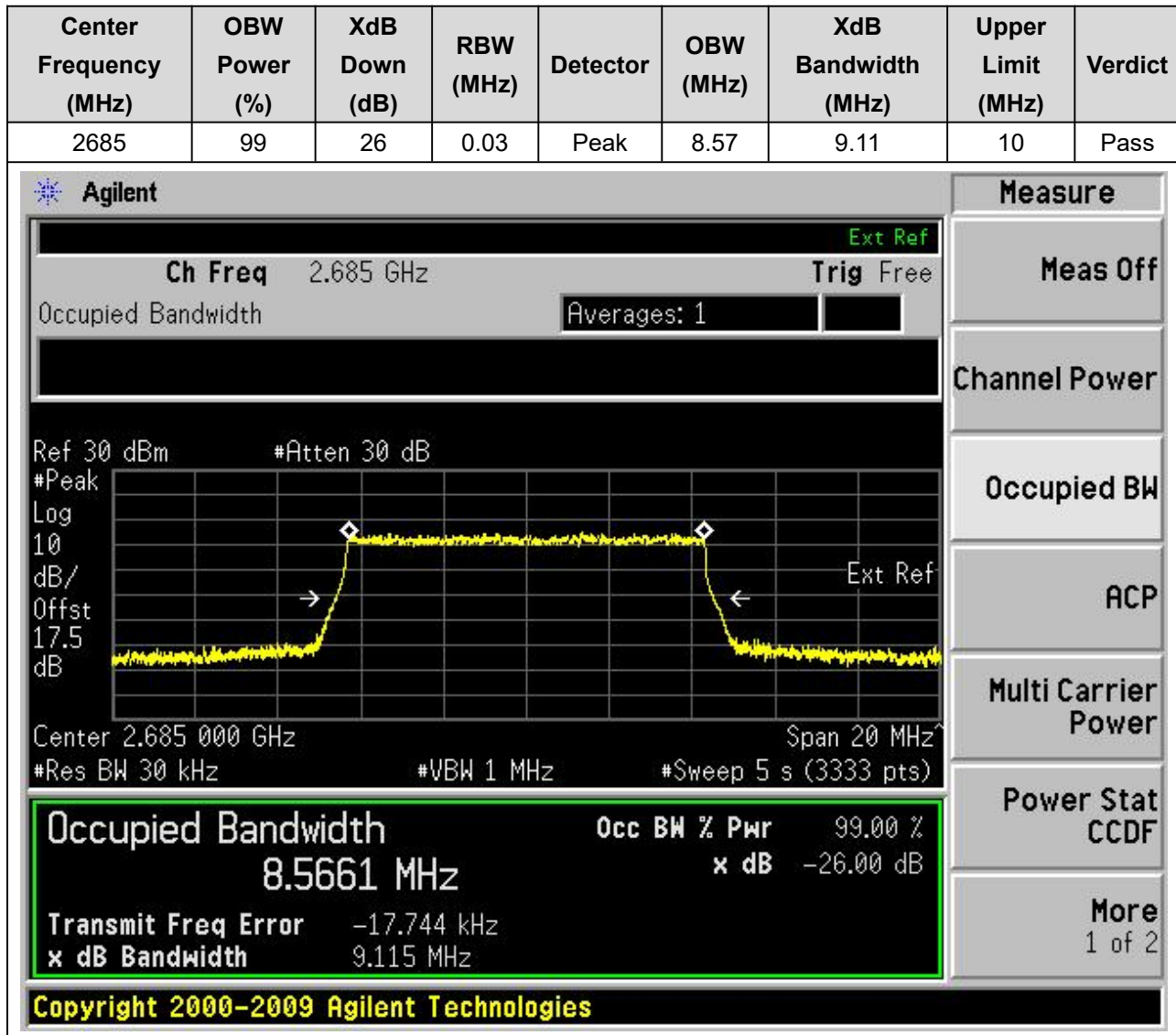
2.5 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:518598, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



2.6 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:537000, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



2.7 Occupied Bandwidth for SA Support PI2

BPSK_Part22-24-27(NTNV)(Channel:500202, Bandwidth:10, SCS:30,
OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2501.01	99	26	0.03	Peak	8.57	9.11	10	Pass

