

Occupied Bandwidth

GPRS and WCDMA Mode Test Data

Test Band	Test Channel	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
GPRS 850	LCH	0.244	0.316	PASS
	MCH	0.243	0.308	PASS
	HCH	0.245	0.307	PASS
GPRS 1900	LCH	0.245	0.315	PASS
	MCH	0.244	0.313	PASS
	HCH	0.243	0.313	PASS
EGPRS 850	LCH	0.242	0.295	PASS
	MCH	0.244	0.309	PASS
	HCH	0.243	0.306	PASS
EGPRS 1900	LCH	0.243	0.302	PASS
	MCH	0.24	0.306	PASS
	HCH	0.242	0.3	PASS
WCDMA Band 2	LCH	4.136	4.692	PASS
	MCH	4.141	4.684	PASS
	HCH	4.142	4.692	PASS
WCDMA Band 4	LCH	4.139	4.683	PASS
	MCH	4.138	4.683	PASS
	HCH	4.139	4.683	PASS
WCDMA Band 5	LCH	4.135	4.682	PASS
	MCH	4.135	4.686	PASS
	HCH	4.135	4.67	PASS

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
		MCH	QPSK	RB6#0	1.09	1.23	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
		HCH	QPSK	RB6#0	1.09	1.25	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.72	3.04	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.71	3.05	PASS
		HCH	QPSK	RB15#0	2.71	3.05	PASS
			16-QAM	RB15#0	2.71	3.06	PASS
	5 MHz	LCH	QPSK	RB25#0	4.51	4.96	PASS
			16-QAM	RB25#0	4.5	4.94	PASS
		MCH	QPSK	RB25#0	4.5	4.98	PASS
			16-QAM	RB25#0	4.51	4.97	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.51	4.97	PASS
	10 MHz	LCH	QPSK	RB50#0	8.97	9.86	PASS
			16-QAM	RB50#0	8.97	9.9	PASS
		MCH	QPSK	RB50#0	8.96	9.86	PASS
			16-QAM	RB50#0	8.98	9.91	PASS
		HCH	QPSK	RB50#0	8.98	9.92	PASS
			16-QAM	RB50#0	8.96	9.92	PASS
	15 MHz	LCH	QPSK	RB75#0	13.46	14.93	PASS
			16-QAM	RB75#0	13.44	15.68	PASS
		MCH	QPSK	RB75#0	13.44	14.87	PASS
			16-QAM	RB75#0	13.5	15.1	PASS
		HCH	QPSK	RB75#0	13.44	14.91	PASS
			16-QAM	RB75#0	13.47	14.87	PASS
	20 MHz	LCH	QPSK	RB100#0	17.92	19.62	PASS
			16-QAM	RB100#0	17.92	19.63	PASS
		MCH	QPSK	RB100#0	17.97	19.71	PASS
			16-QAM	RB100#0	17.99	19.83	PASS
		HCH	QPSK	RB100#0	17.96	19.74	PASS
			16-QAM	RB100#0	17.93	19.74	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.1	1.25	PASS
		MCH	QPSK	RB6#0	1.09	1.23	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.1	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.72	3.05	PASS
			16-QAM	RB15#0	2.71	3.03	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
		HCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.71	3.06	PASS
	5 MHz	LCH	QPSK	RB25#0	4.51	4.96	PASS
			16-QAM	RB25#0	4.5	4.95	PASS
		MCH	QPSK	RB25#0	4.49	4.93	PASS
			16-QAM	RB25#0	4.51	4.97	PASS
		HCH	QPSK	RB25#0	4.5	4.93	PASS
			16-QAM	RB25#0	4.51	4.99	PASS
	10 MHz	LCH	QPSK	RB50#0	8.97	9.87	PASS
			16-QAM	RB50#0	8.99	9.93	PASS
		MCH	QPSK	RB50#0	8.97	9.88	PASS
			16-QAM	RB50#0	8.96	9.94	PASS
		HCH	QPSK	RB50#0	9	9.94	PASS
			16-QAM	RB50#0	8.98	10.03	PASS
	15 MHz	LCH	QPSK	RB75#0	13.47	15	PASS
			16-QAM	RB75#0	13.5	14.93	PASS
		MCH	QPSK	RB75#0	13.45	14.95	PASS
			16-QAM	RB75#0	13.47	14.84	PASS
		HCH	QPSK	RB75#0	13.44	14.87	PASS
			16-QAM	RB75#0	13.49	15.03	PASS
	20 MHz	LCH	QPSK	RB100#0	17.99	19.67	PASS
			16-QAM	RB100#0	17.98	19.7	PASS
		MCH	QPSK	RB100#0	17.93	19.63	PASS
			16-QAM	RB100#0	17.95	19.78	PASS
		HCH	QPSK	RB100#0	18.02	19.8	PASS
			16-QAM	RB100#0	18.01	19.57	PASS

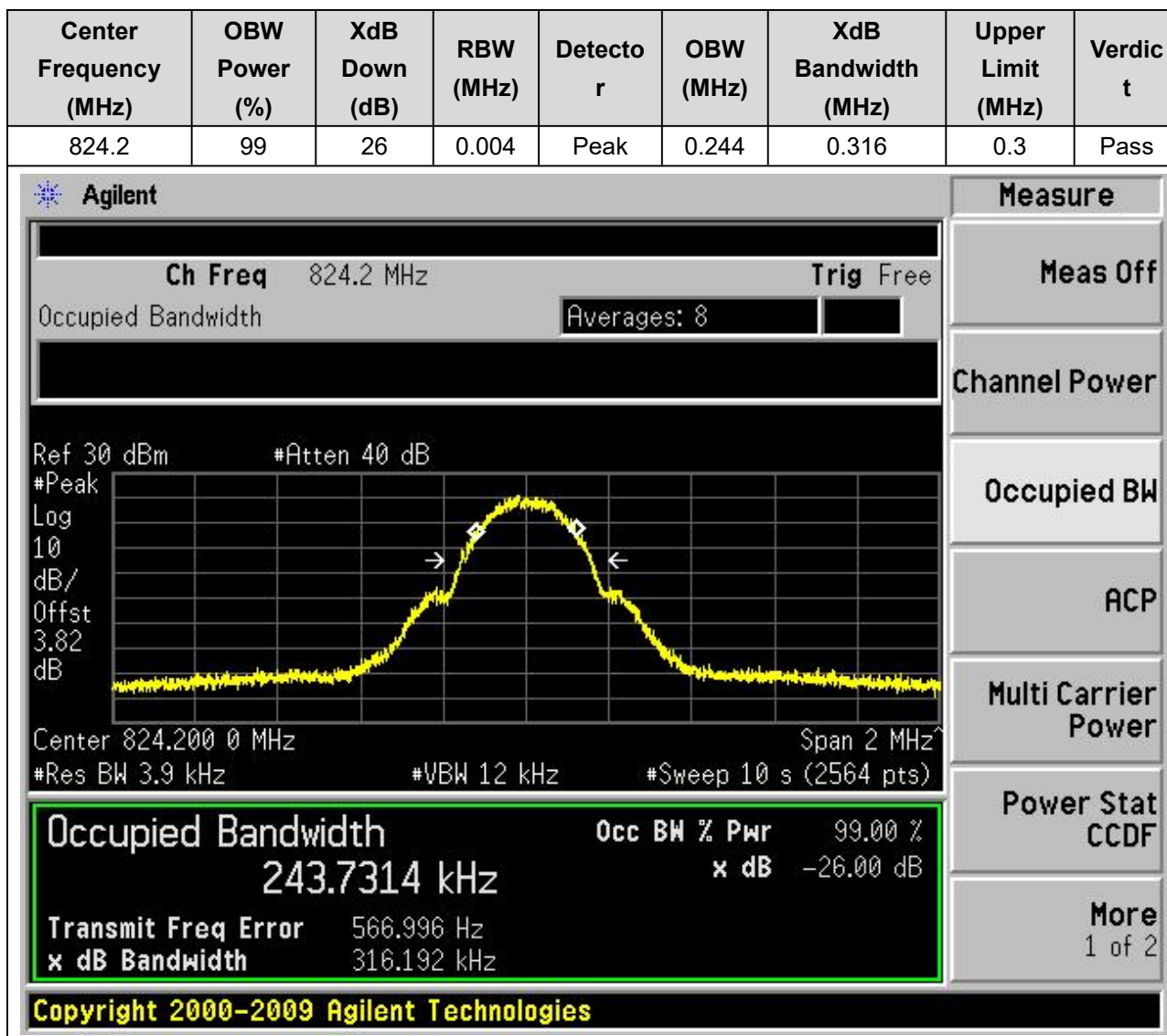
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 5	1.4 MHz	LCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
		MCH	QPSK	RB6#0	1.09	1.23	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
	3 MHz	LCH	QPSK	RB15#0	2.72	3.04	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.7	3.05	PASS
		HCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.71	3.06	PASS
	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	PASS
			16-QAM	RB25#0	4.5	4.93	PASS
		MCH	QPSK	RB25#0	4.5	4.97	PASS
			16-QAM	RB25#0	4.51	4.98	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.51	4.98	PASS
	10 MHz	LCH	QPSK	RB50#0	8.97	9.88	PASS
			16-QAM	RB50#0	8.97	9.9	PASS
		MCH	QPSK	RB50#0	8.96	9.88	PASS
			16-QAM	RB50#0	8.97	9.87	PASS
		HCH	QPSK	RB50#0	8.98	9.92	PASS
			16-QAM	RB50#0	8.97	9.92	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 7	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	PASS
			16-QAM	RB25#0	4.51	4.95	PASS
		MCH	QPSK	RB25#0	4.49	4.98	PASS
			16-QAM	RB25#0	4.53	4.99	PASS
		HCH	QPSK	RB25#0	4.49	4.98	PASS
			16-QAM	RB25#0	4.51	4.99	PASS
	10 MHz	LCH	QPSK	RB50#0	8.98	9.92	PASS
			16-QAM	RB50#0	8.99	9.9	PASS
		MCH	QPSK	RB50#0	8.96	9.89	PASS
			16-QAM	RB50#0	8.99	9.91	PASS
		HCH	QPSK	RB50#0	8.99	9.91	PASS
			16-QAM	RB50#0	8.98	9.98	PASS
	15 MHz	LCH	QPSK	RB75#0	13.49	14.99	PASS
			16-QAM	RB75#0	13.48	14.98	PASS
		MCH	QPSK	RB75#0	13.44	14.9	PASS
			16-QAM	RB75#0	13.49	15.03	PASS
		HCH	QPSK	RB75#0	13.48	14.97	PASS
			16-QAM	RB75#0	13.51	14.94	PASS
	20 MHz	LCH	QPSK	RB100#0	17.98	19.69	PASS
			16-QAM	RB100#0	17.96	19.73	PASS
		MCH	QPSK	RB100#0	17.95	19.73	PASS
			16-QAM	RB100#0	17.98	19.89	PASS
		HCH	QPSK	RB100#0	18	19.83	PASS
			16-QAM	RB100#0	17.97	19.82	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 38	5 MHz	LCH	QPSK	RB25#0	4.5	4.99	PASS
			16-QAM	RB25#0	4.52	5.15	PASS
		MCH	QPSK	RB25#0	4.5	5.04	PASS
			16-QAM	RB25#0	4.49	5.01	PASS
		HCH	QPSK	RB25#0	4.49	5.1	PASS
			16-QAM	RB25#0	4.5	5.11	PASS
	10 MHz	LCH	QPSK	RB50#0	9	9.91	PASS
			16-QAM	RB50#0	9	9.99	PASS
		MCH	QPSK	RB50#0	9	10.4	PASS
			16-QAM	RB50#0	8.97	9.94	PASS
		HCH	QPSK	RB50#0	9.02	10.06	PASS
			16-QAM	RB50#0	9.01	10.35	PASS
	15 MHz	LCH	QPSK	RB75#0	13.52	15.11	PASS
			16-QAM	RB75#0	13.51	15.17	PASS
		MCH	QPSK	RB75#0	13.46	15.42	PASS
			16-QAM	RB75#0	13.54	15.32	PASS
		HCH	QPSK	RB75#0	13.46	15.48	PASS
			16-QAM	RB75#0	13.54	15.73	PASS
	20 MHz	LCH	QPSK	RB100#0	18.01	19.79	PASS
			16-QAM	RB100#0	17.95	20.02	PASS
		MCH	QPSK	RB100#0	17.98	19.75	PASS
			16-QAM	RB100#0	18	20.37	PASS
		HCH	QPSK	RB100#0	18	20.19	PASS
			16-QAM	RB100#0	17.98	19.76	PASS

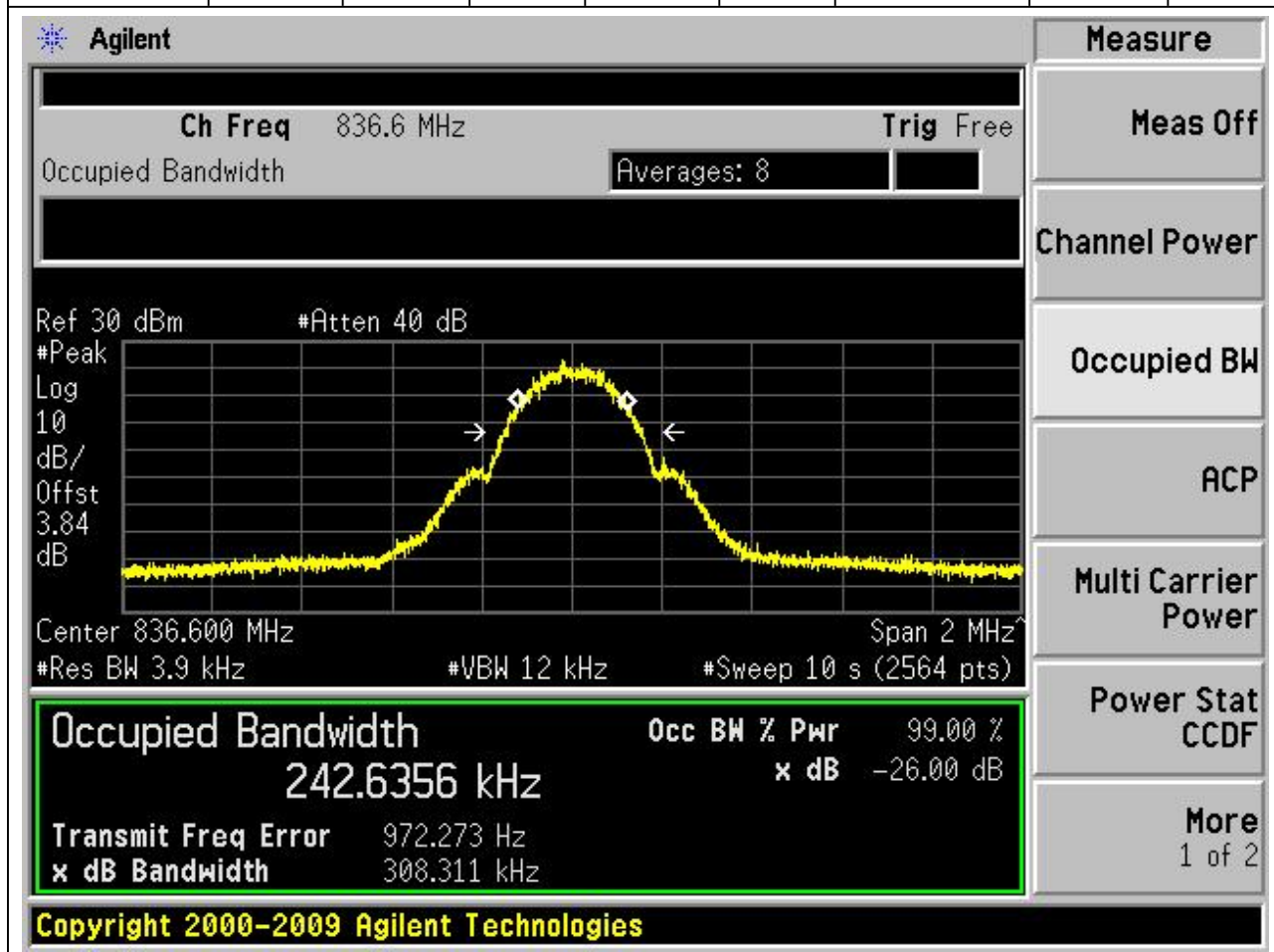
1. GPRS_GSM850

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



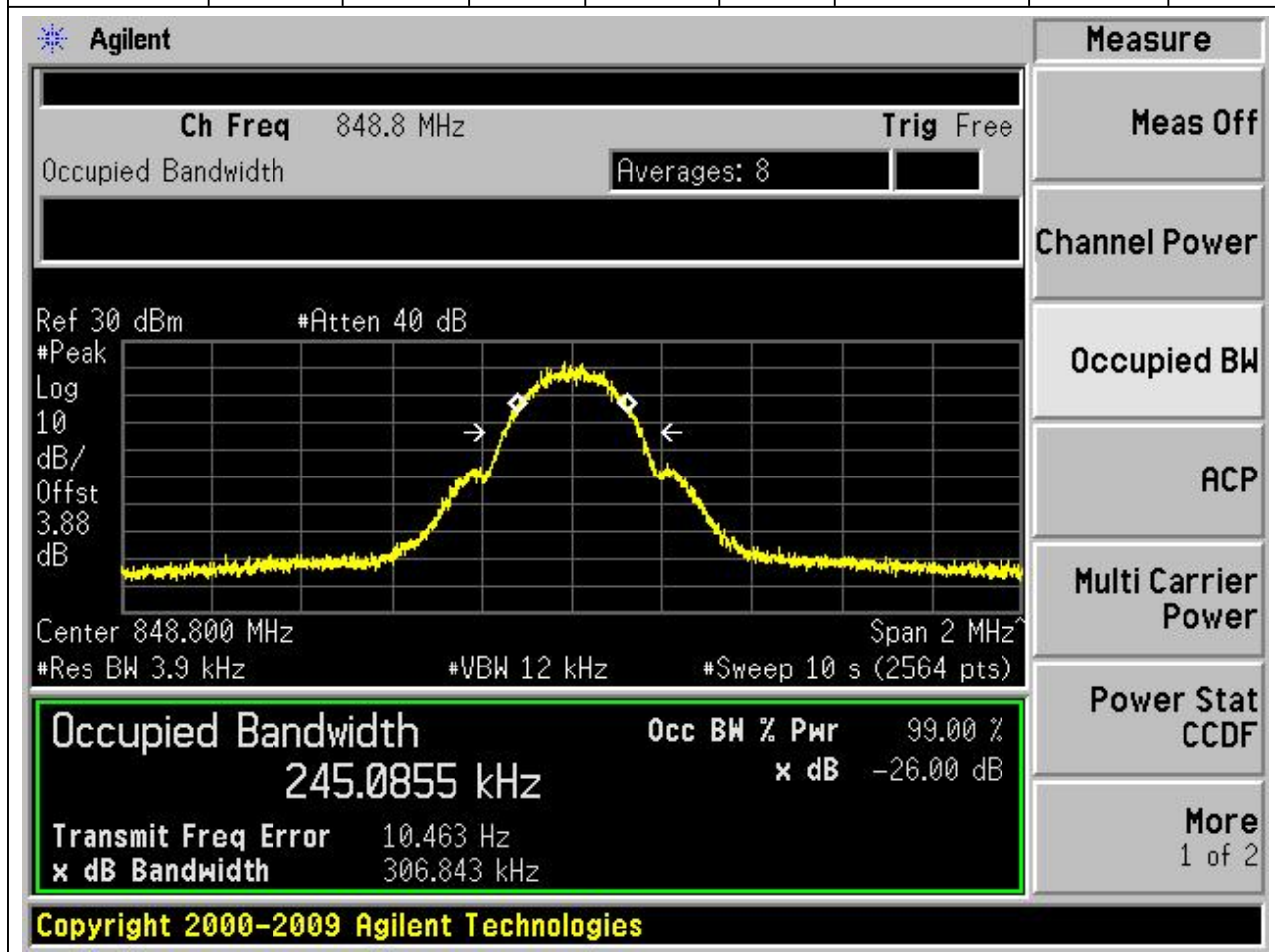
1.2 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.243	0.308	0.3	Pass



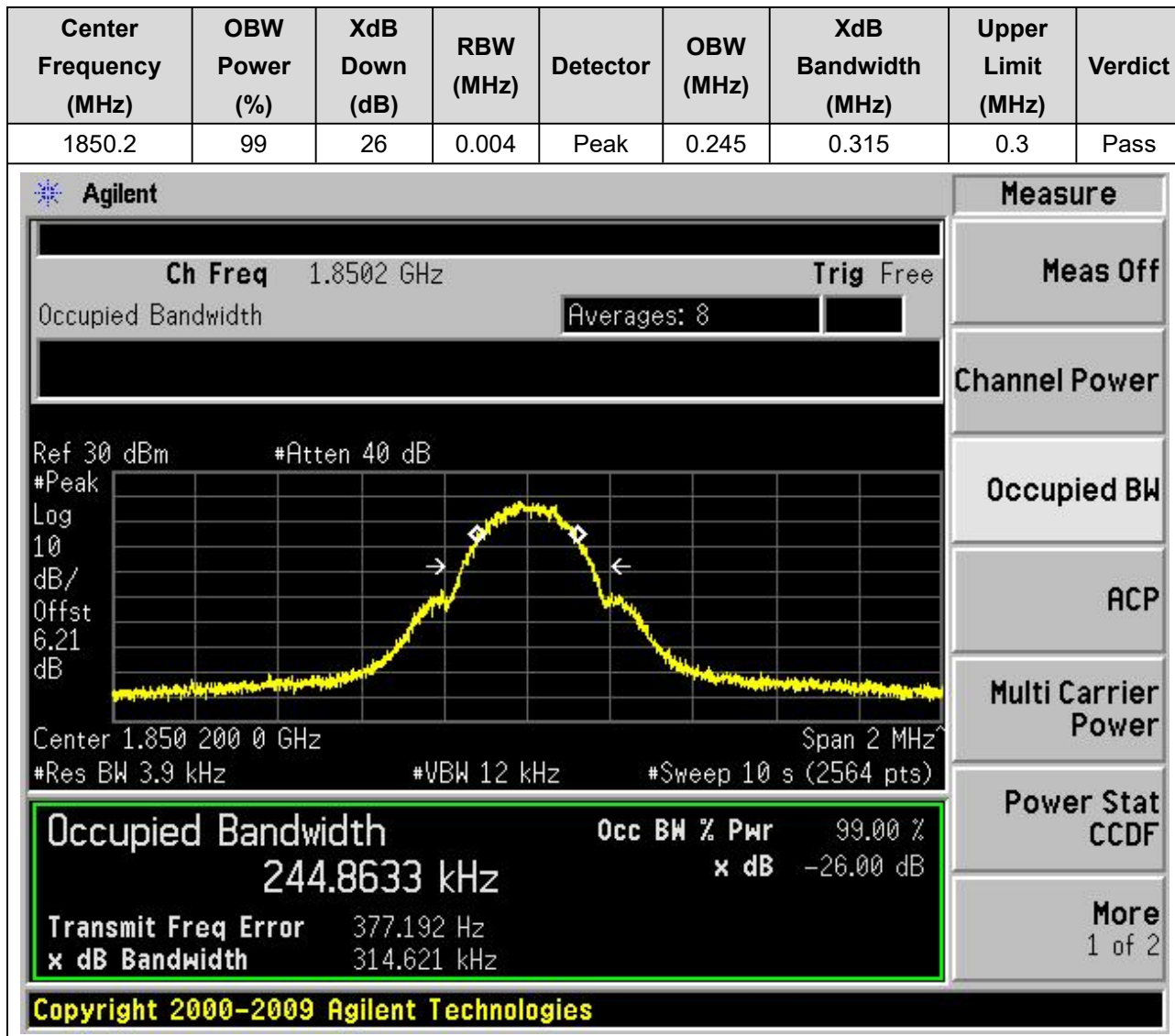
1.3 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.245	0.307	0.3	Pass



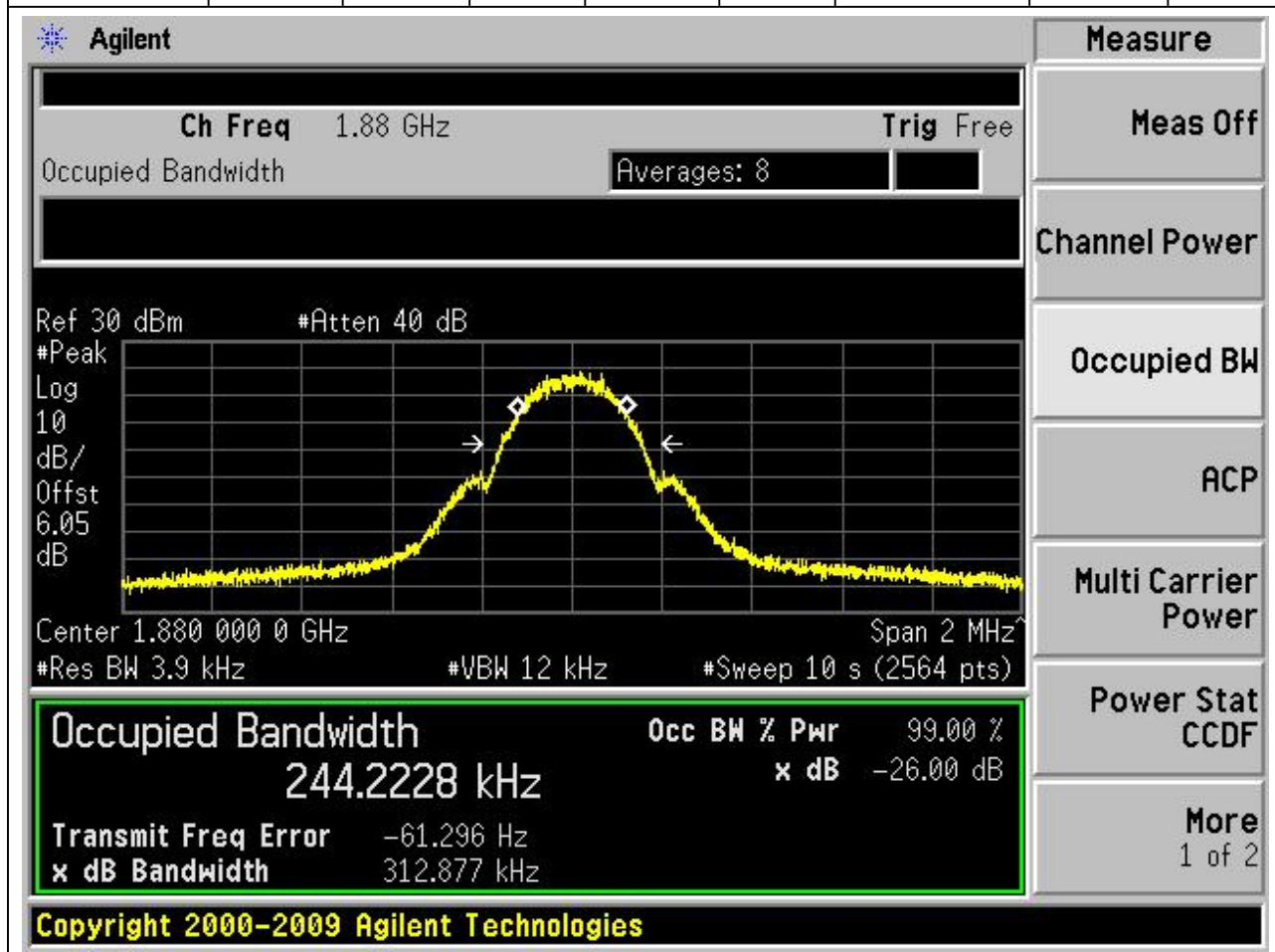
2. GPRS_PCS

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



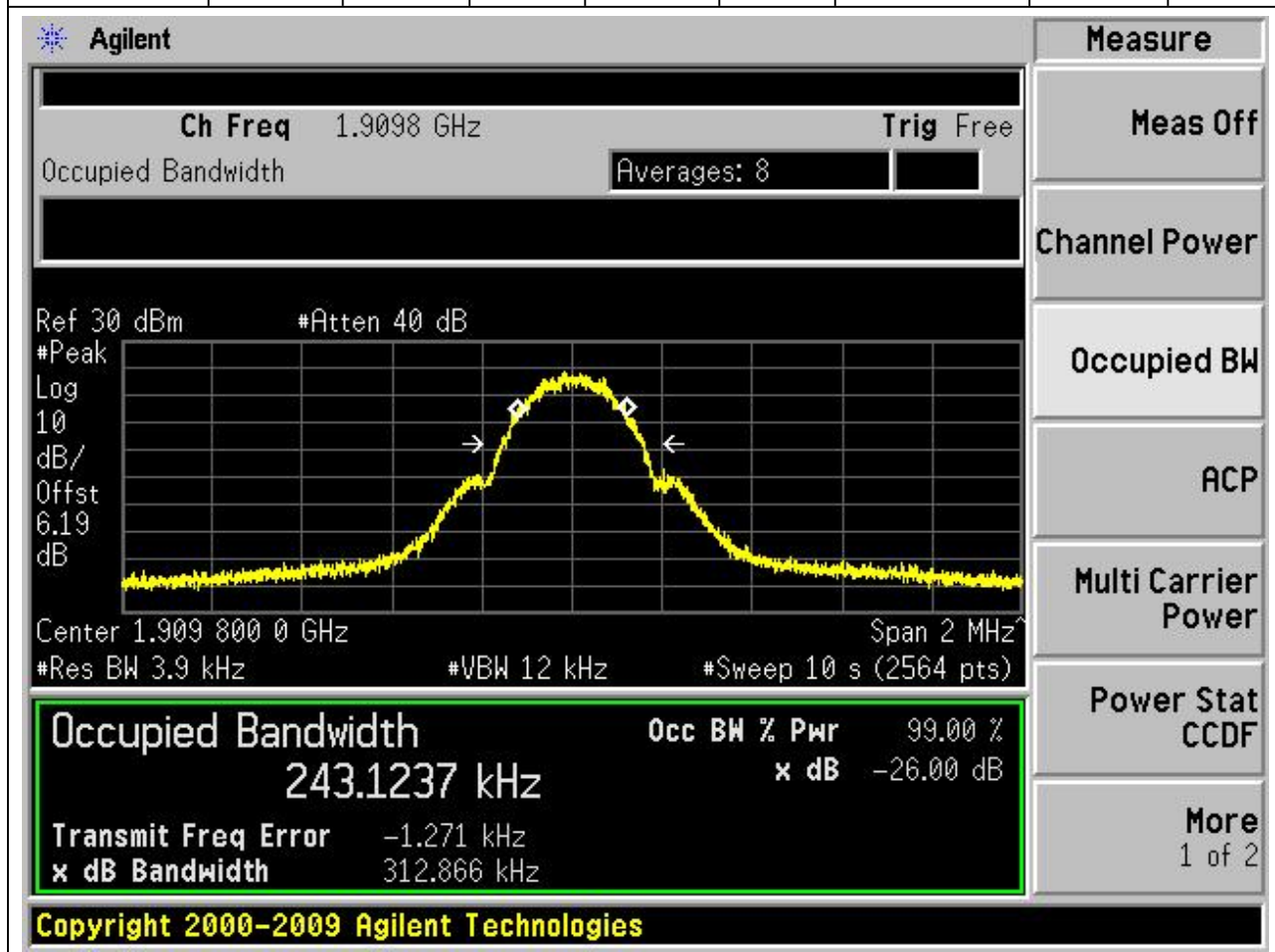
2.2 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.244	0.313	0.3	Pass



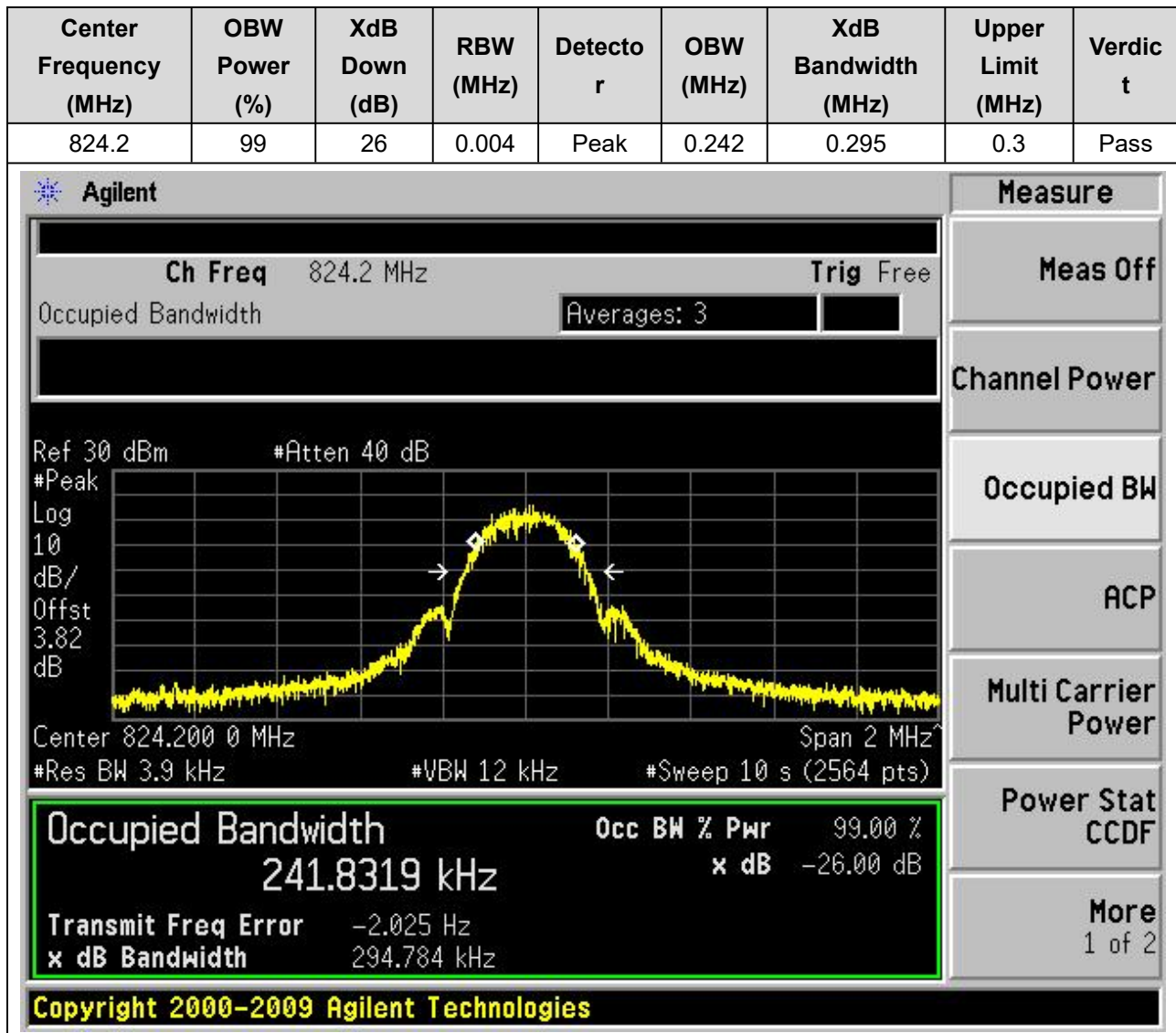
2.3 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.243	0.313	0.3	Pass



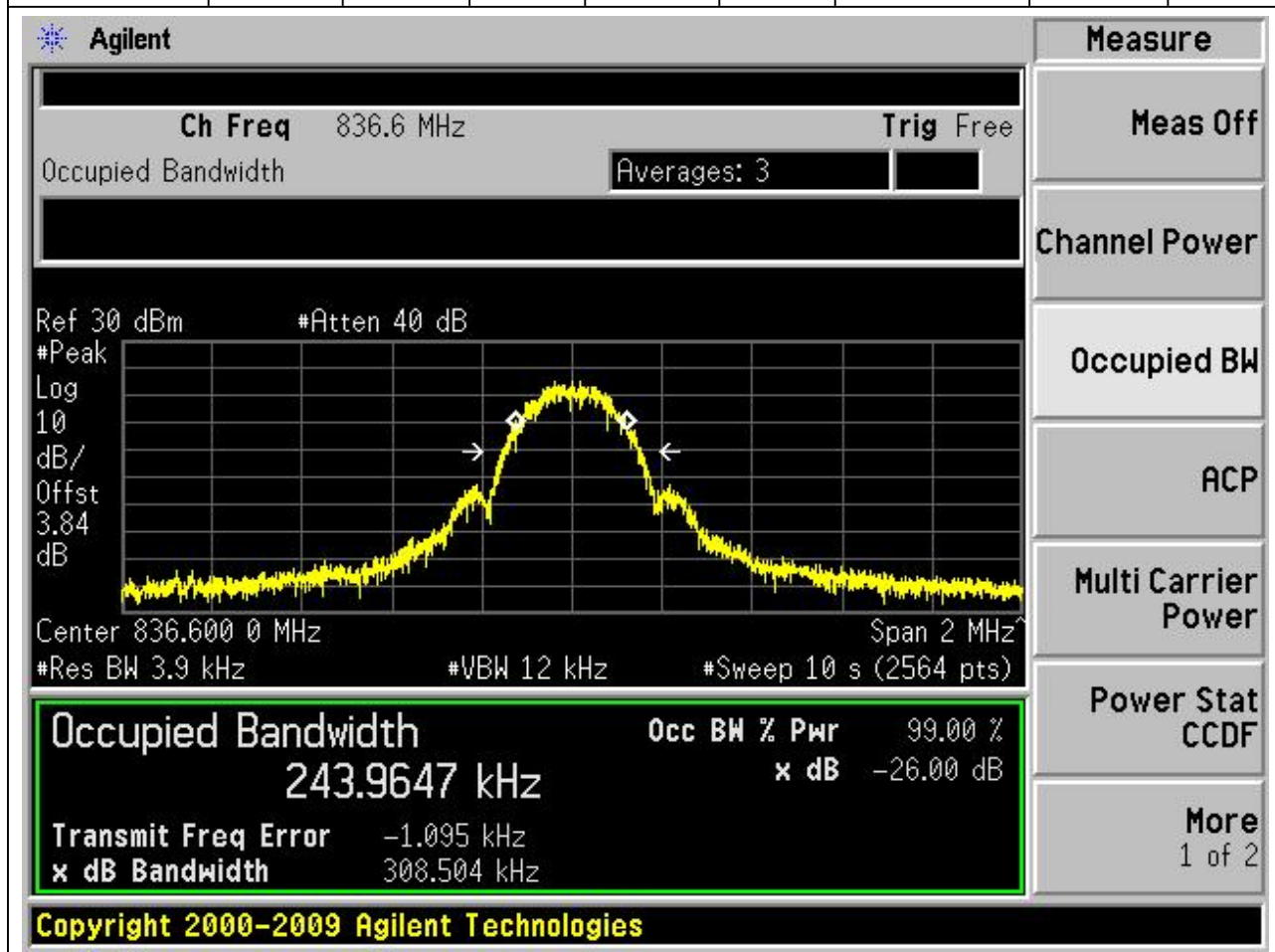
1. EGPRS_GSM850

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



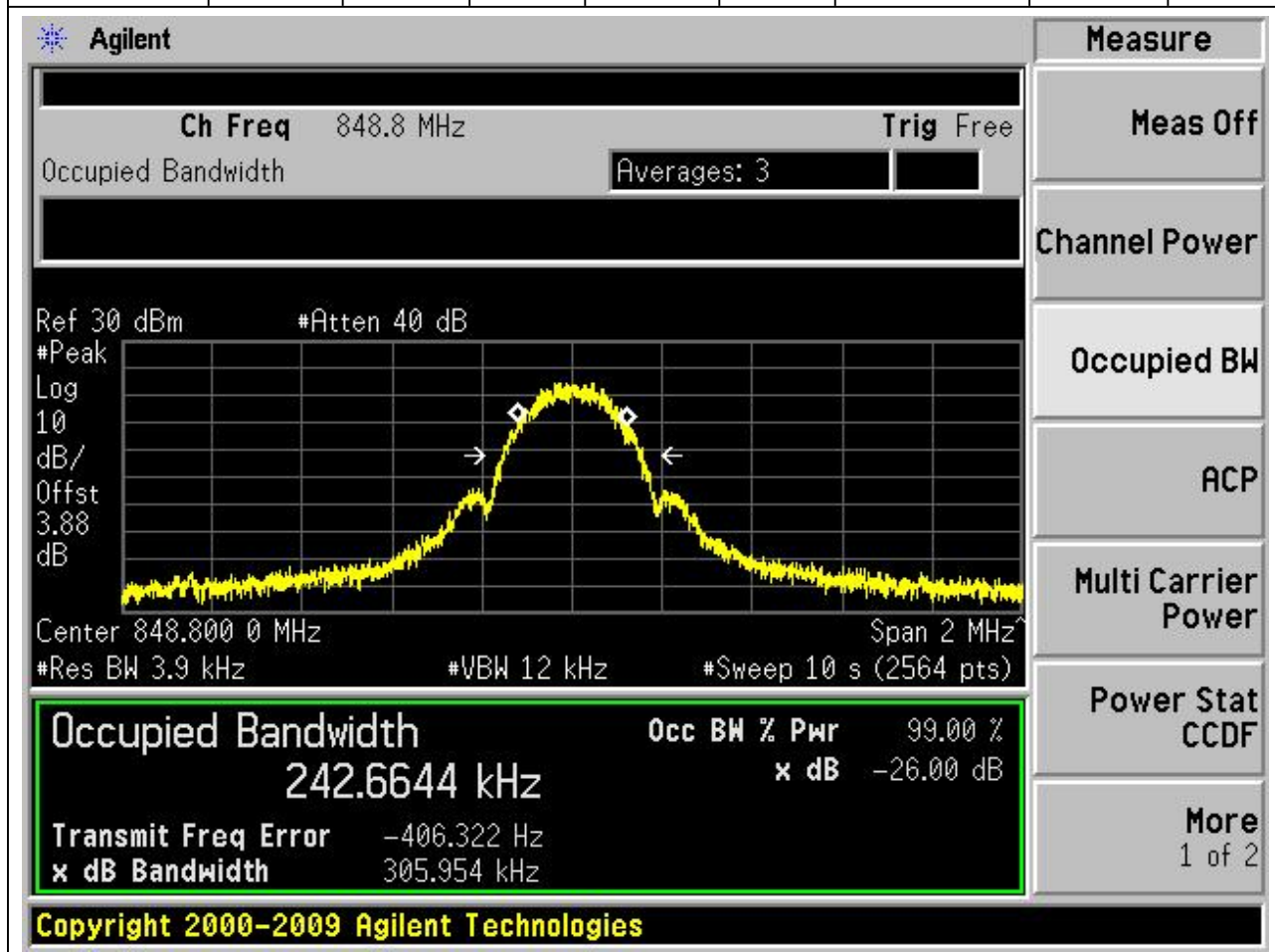
1.2 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.6	99	26	0.004	Peak	0.244	0.309	0.3	Pass



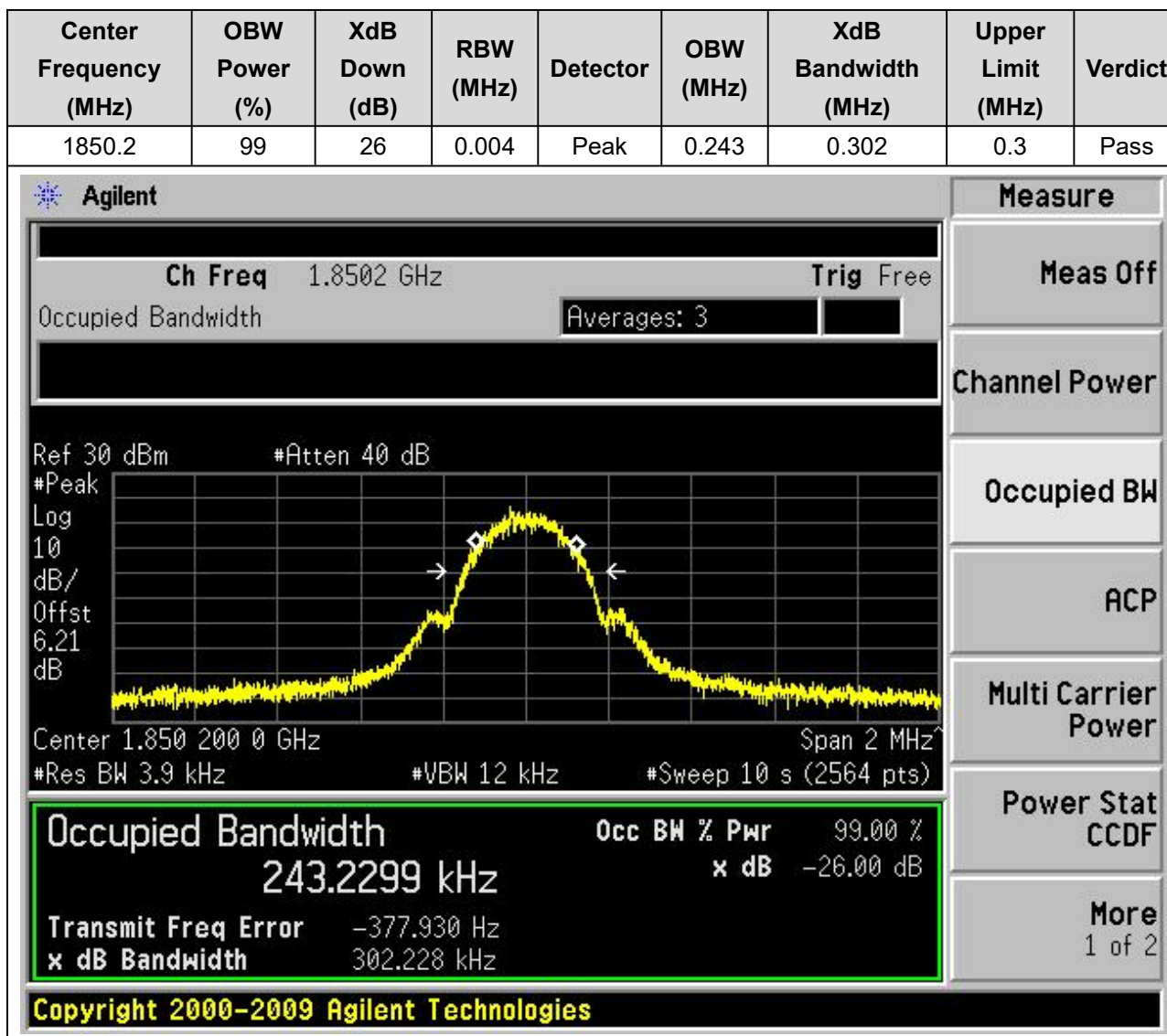
1.3 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.8	99	26	0.004	Peak	0.243	0.306	0.3	Pass



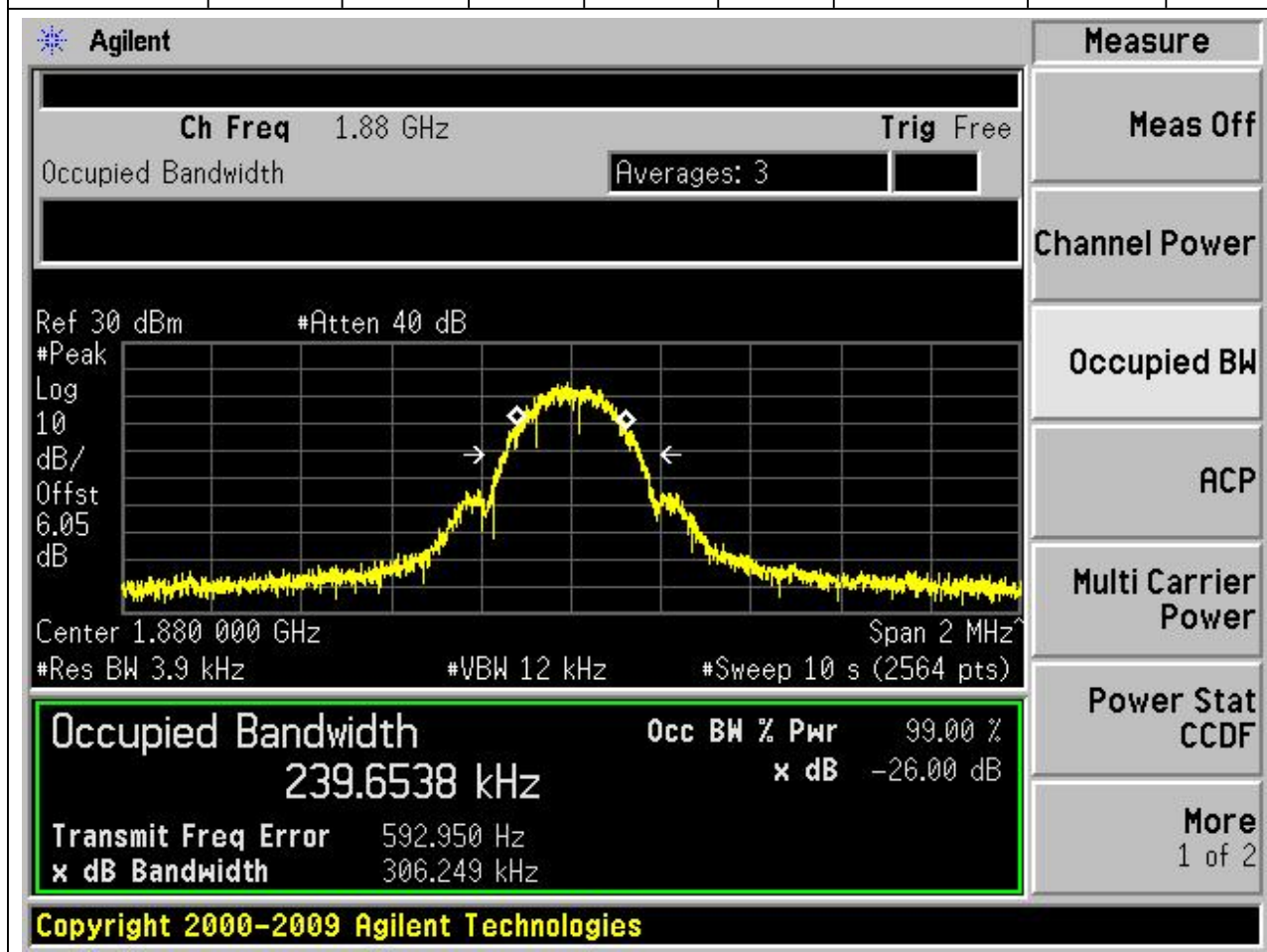
2. EGPRS_PCS

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



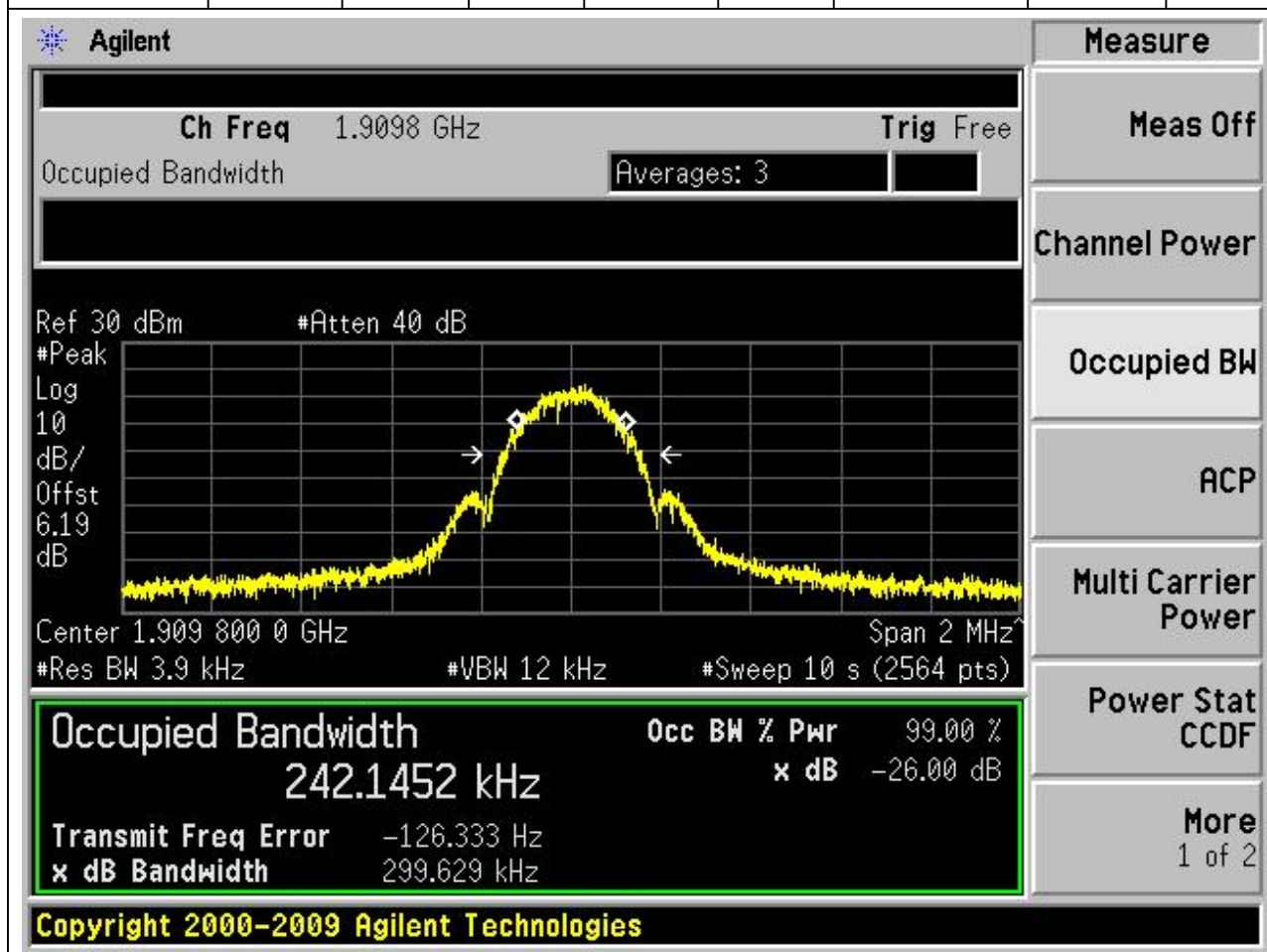
2.2 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.004	Peak	0.24	0.306	0.3	Pass



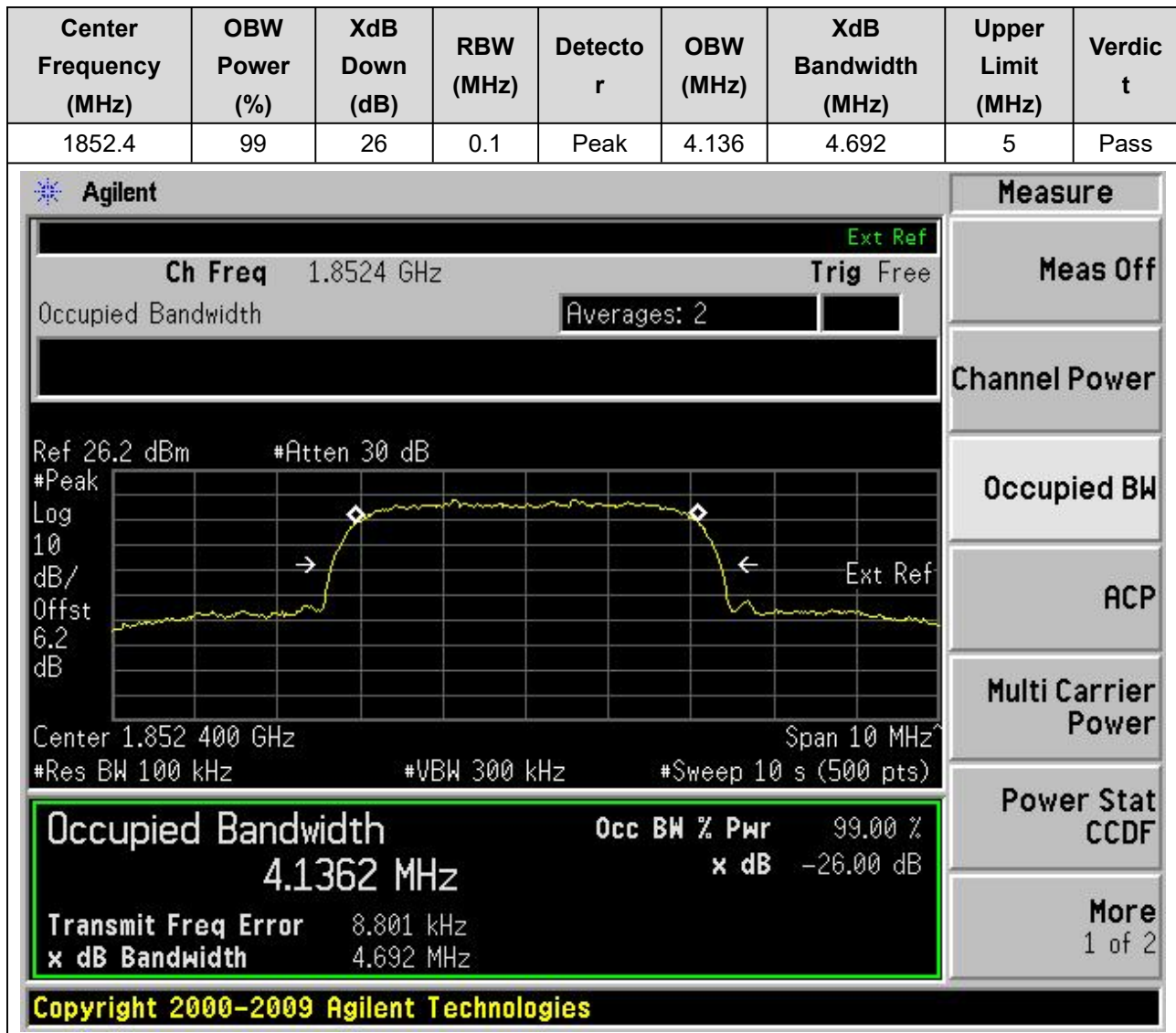
2.3 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.8	99	26	0.004	Peak	0.242	0.3	0.3	Pass

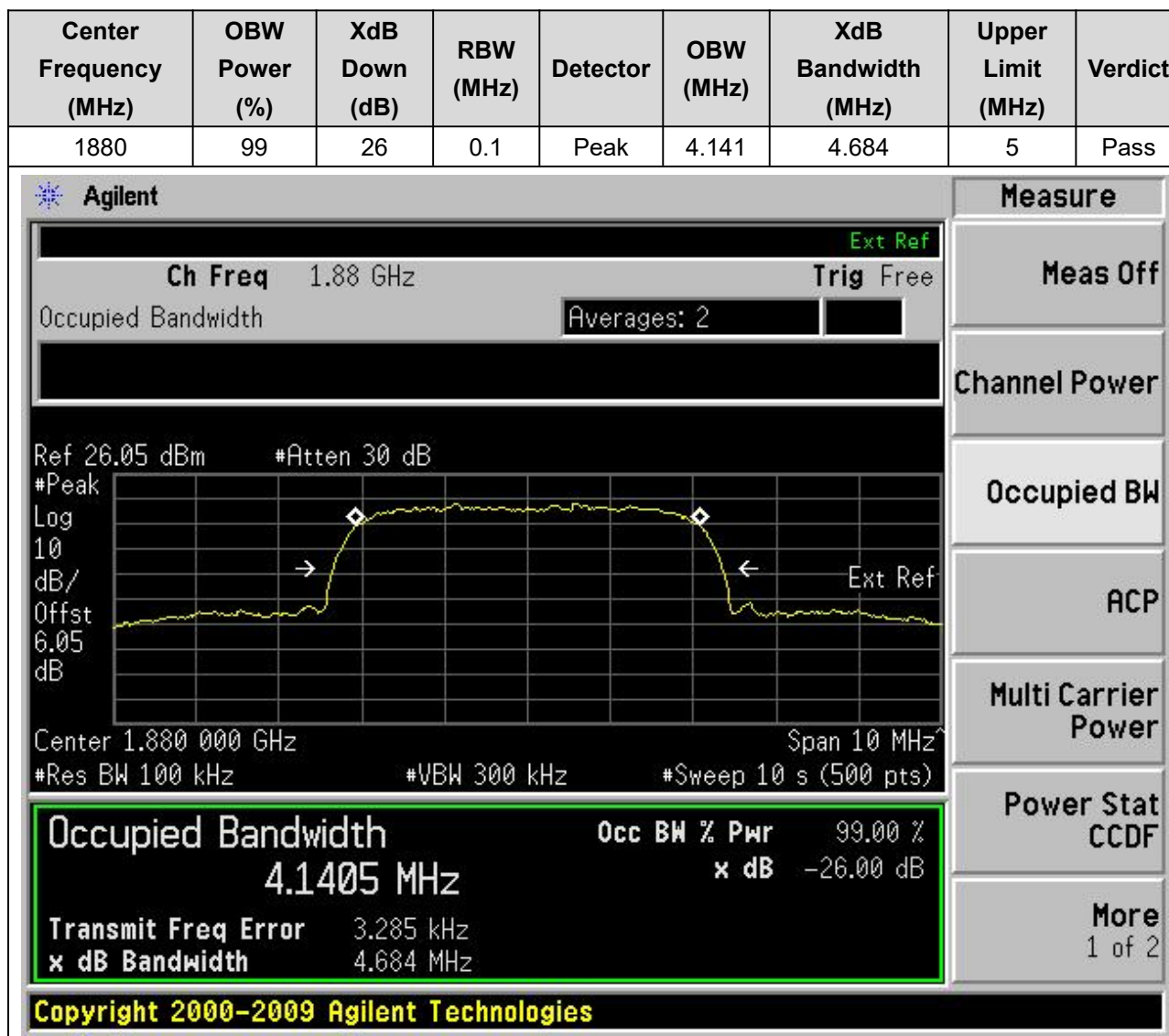


1. WCDMA_Band2

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

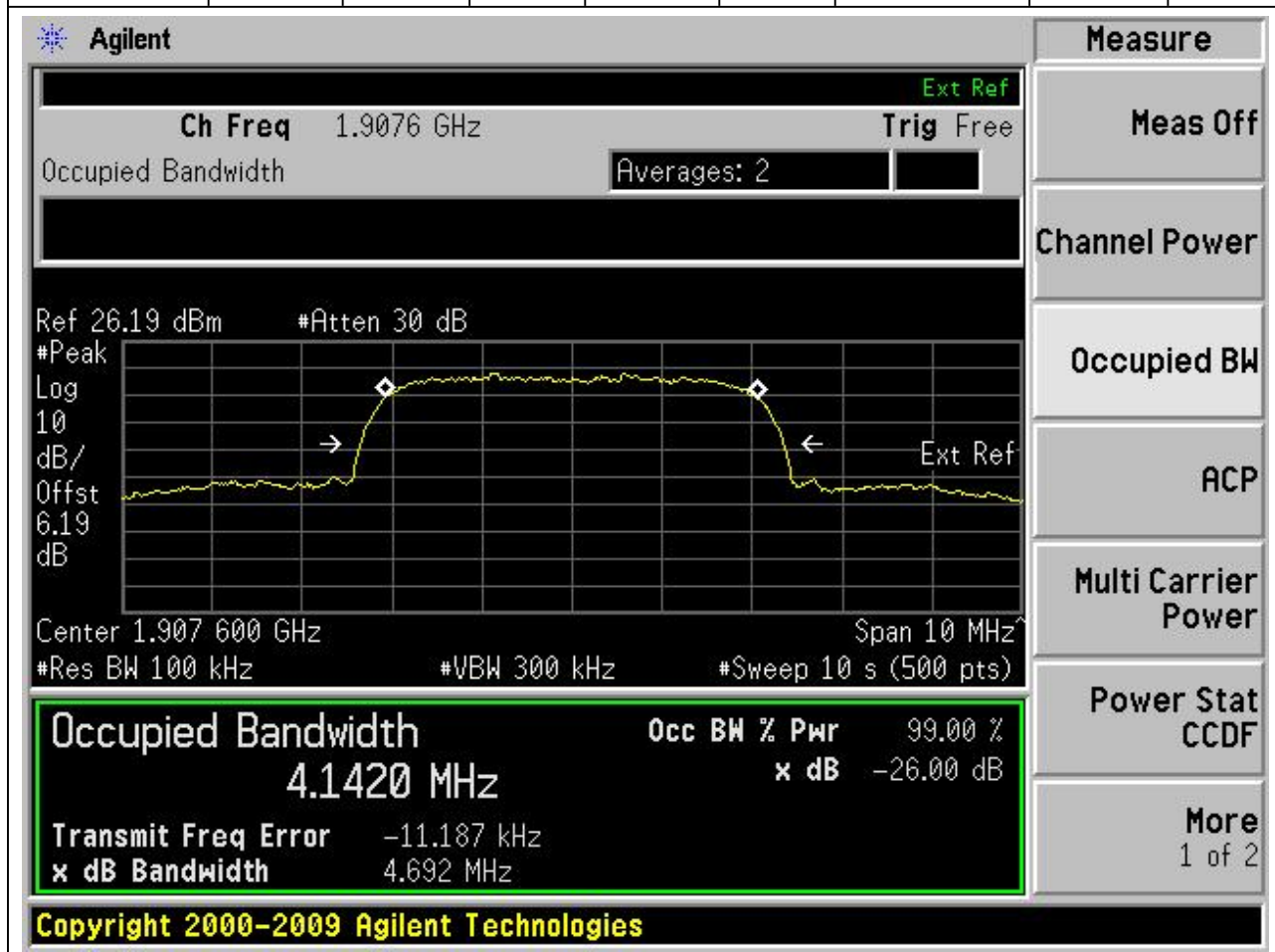


1.2 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9400)



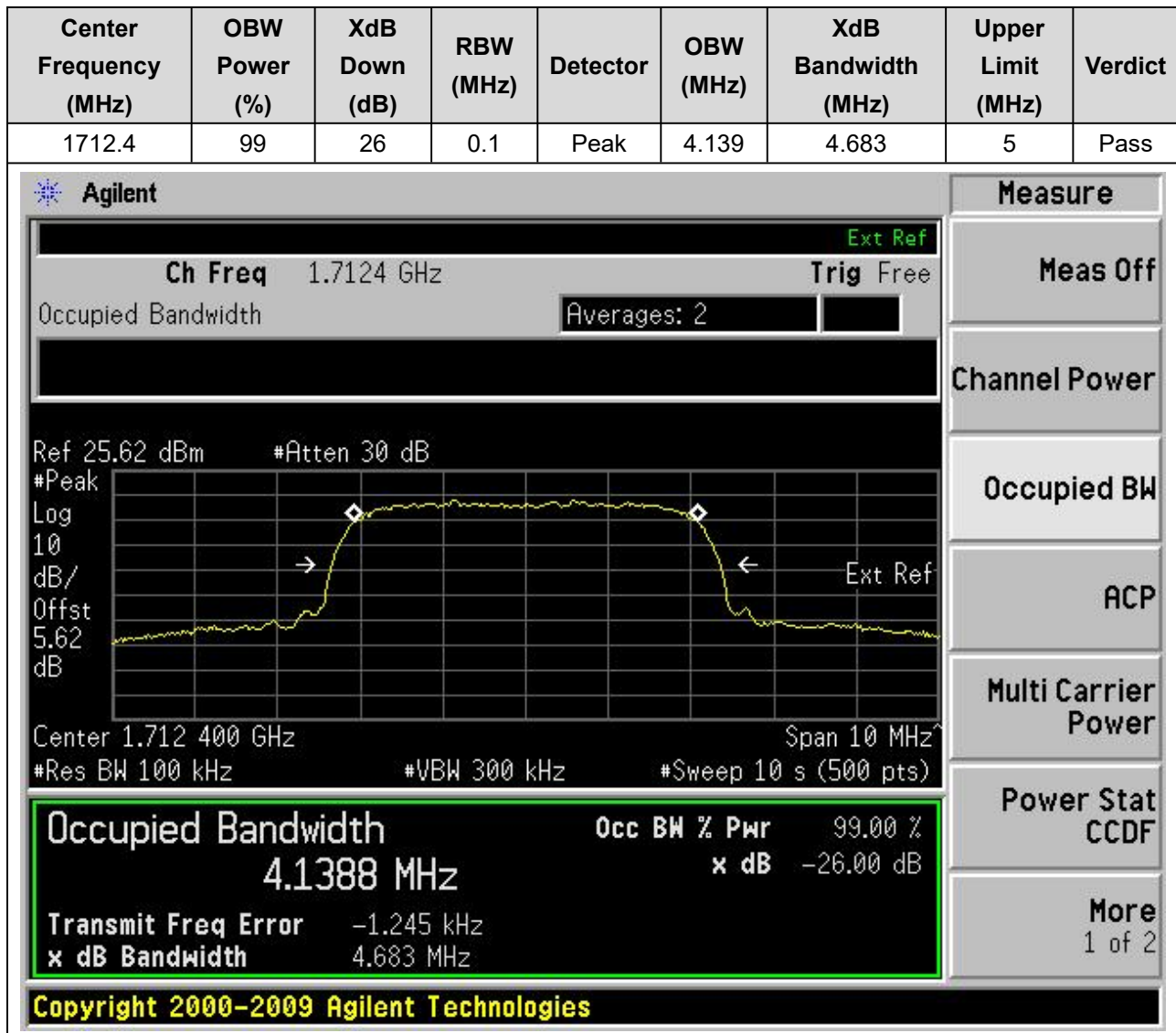
1.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9538)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.6	99	26	0.1	Peak	4.142	4.692	5	Pass



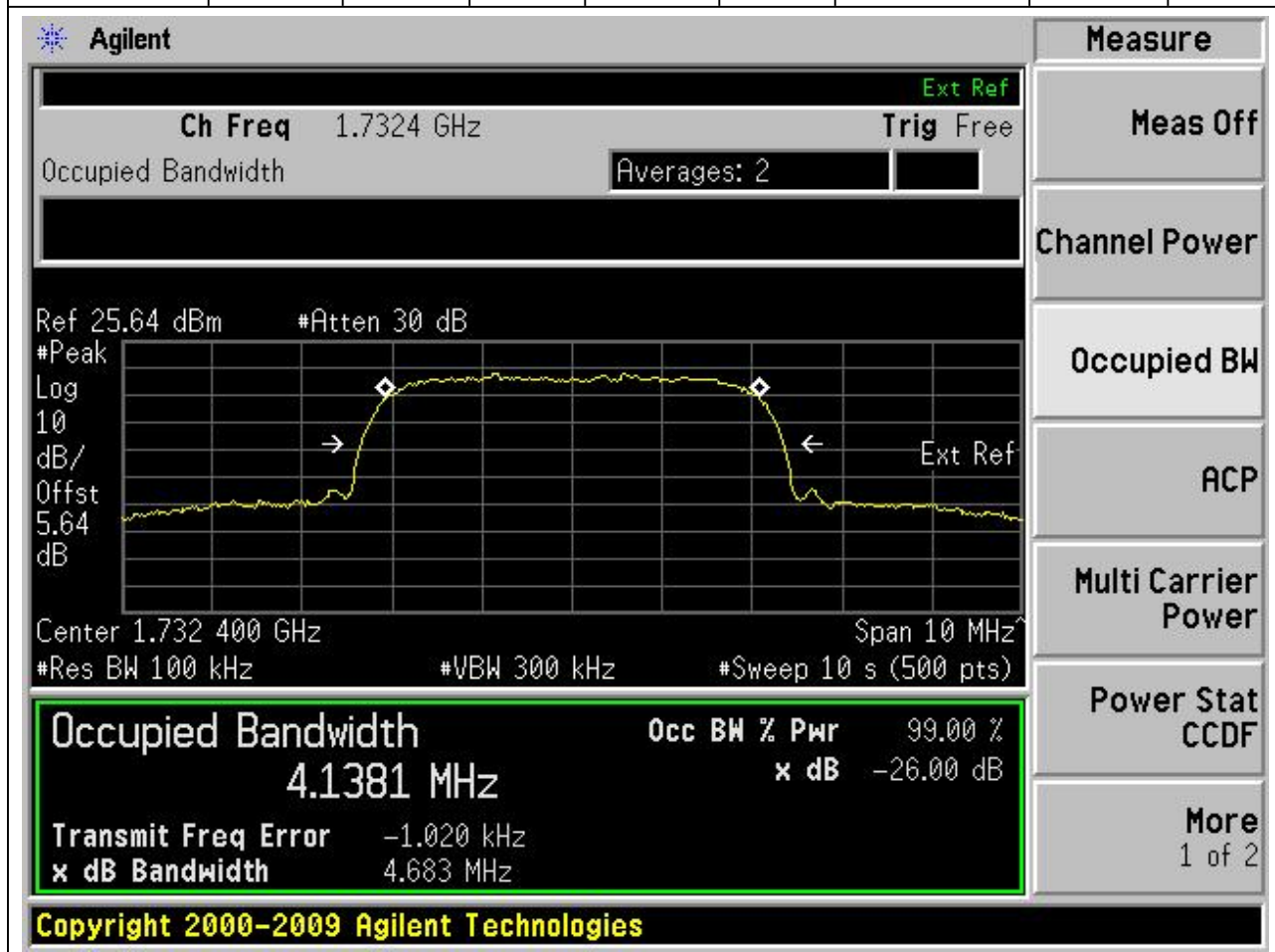
2. WCDMA_Band4

2.1 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:1312)

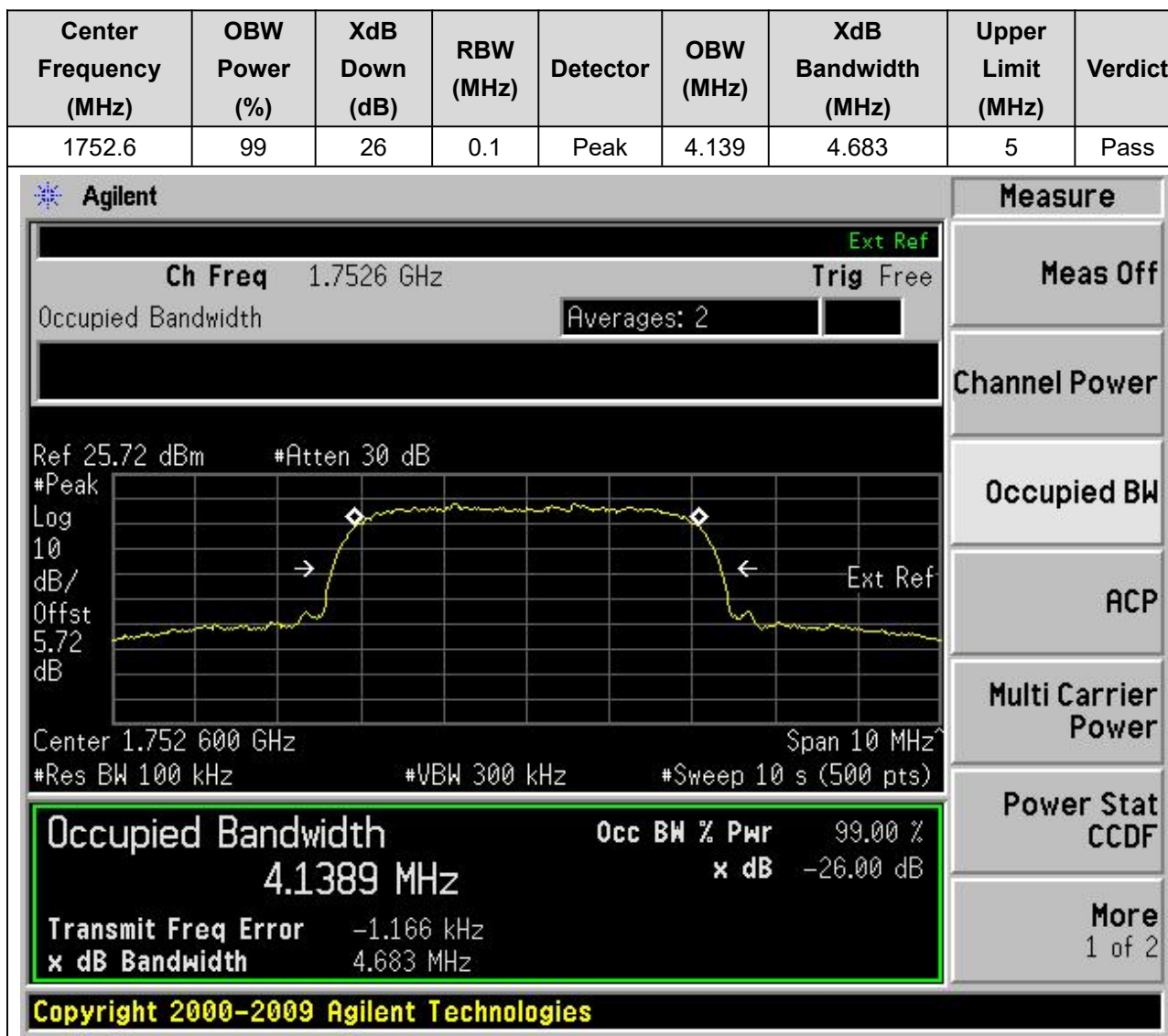


2.2 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:1412)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.4	99	26	0.1	Peak	4.138	4.683	5	Pass

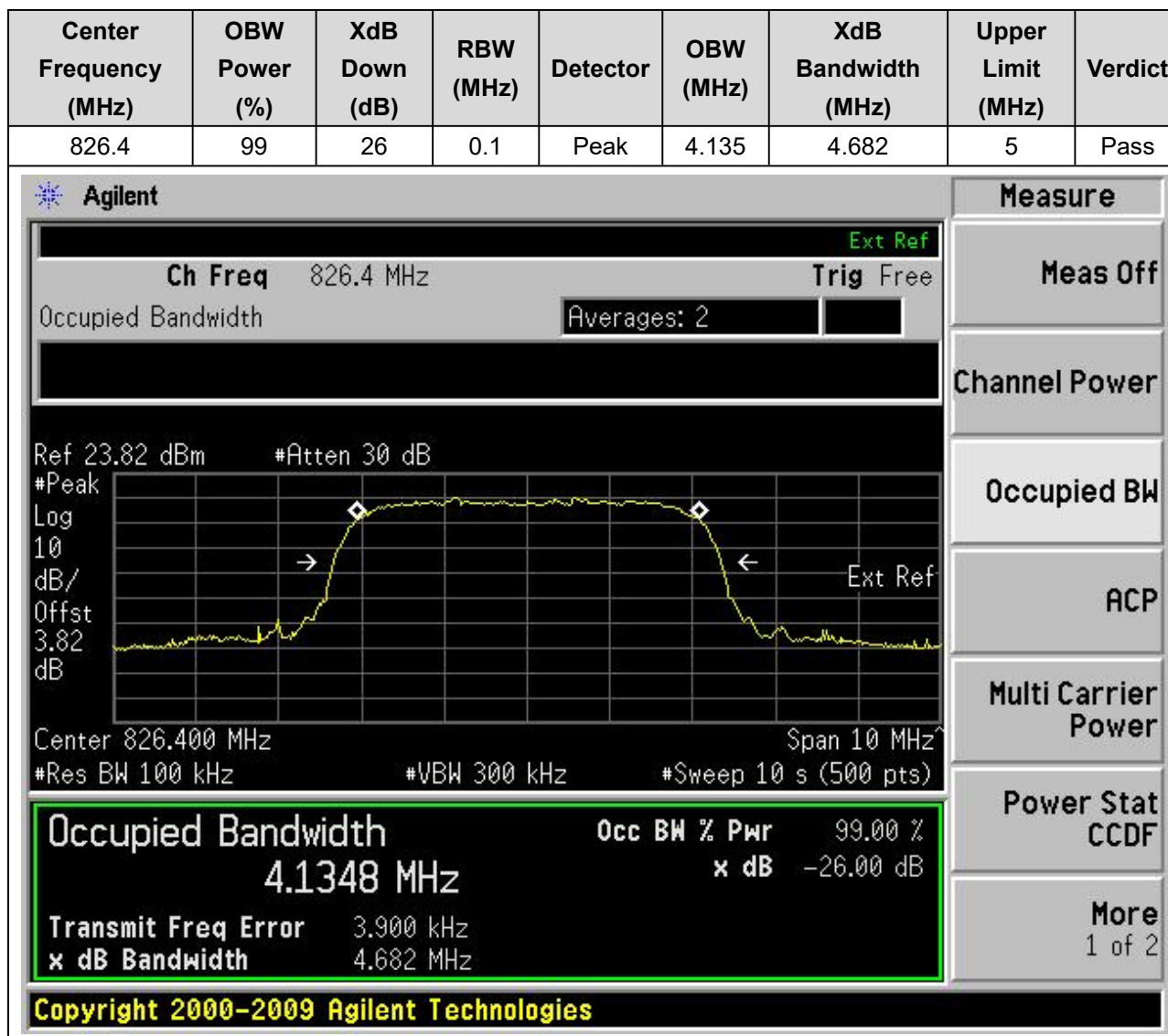


2.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:1513)



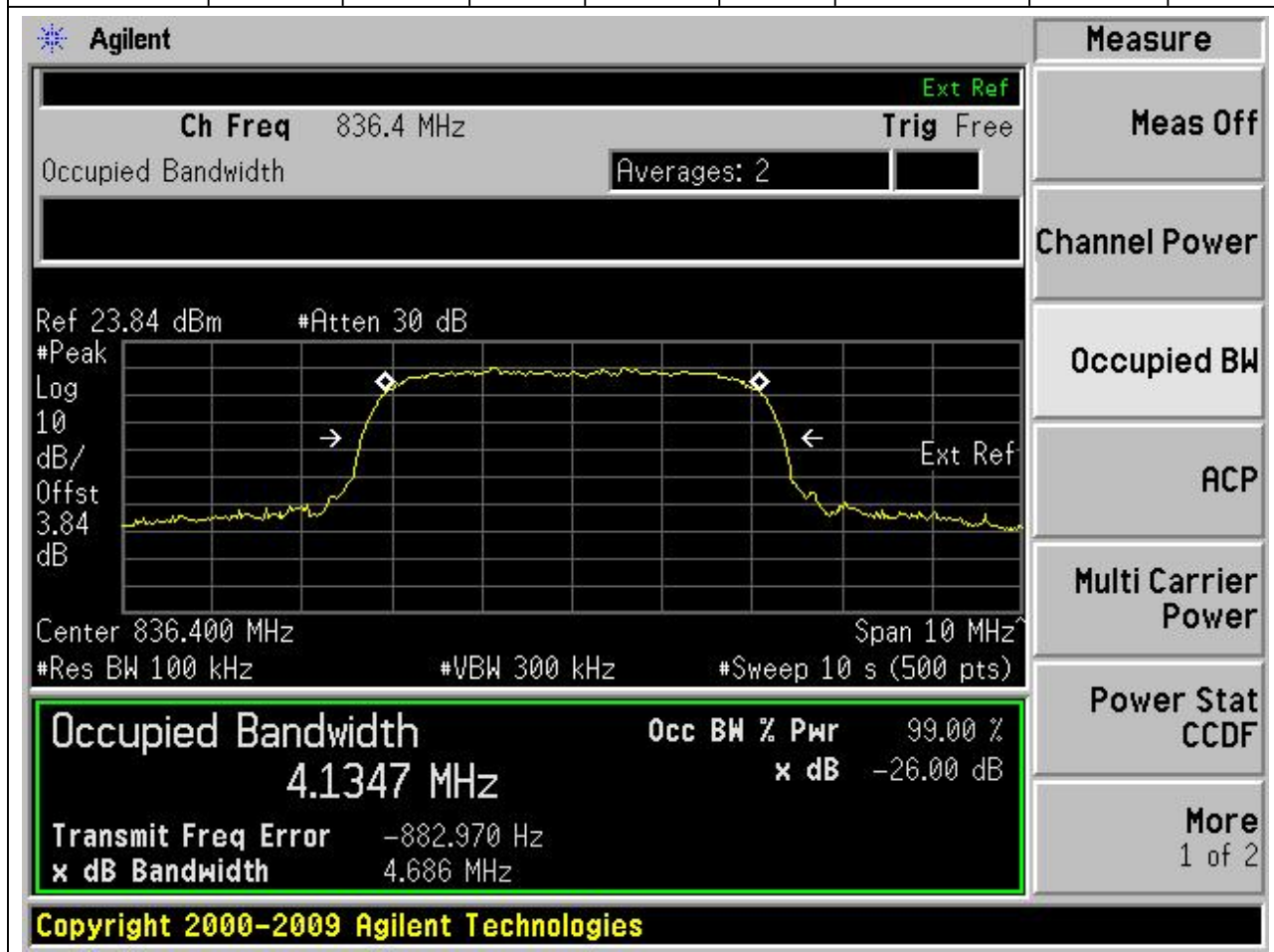
3. WCDMA_Band5

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



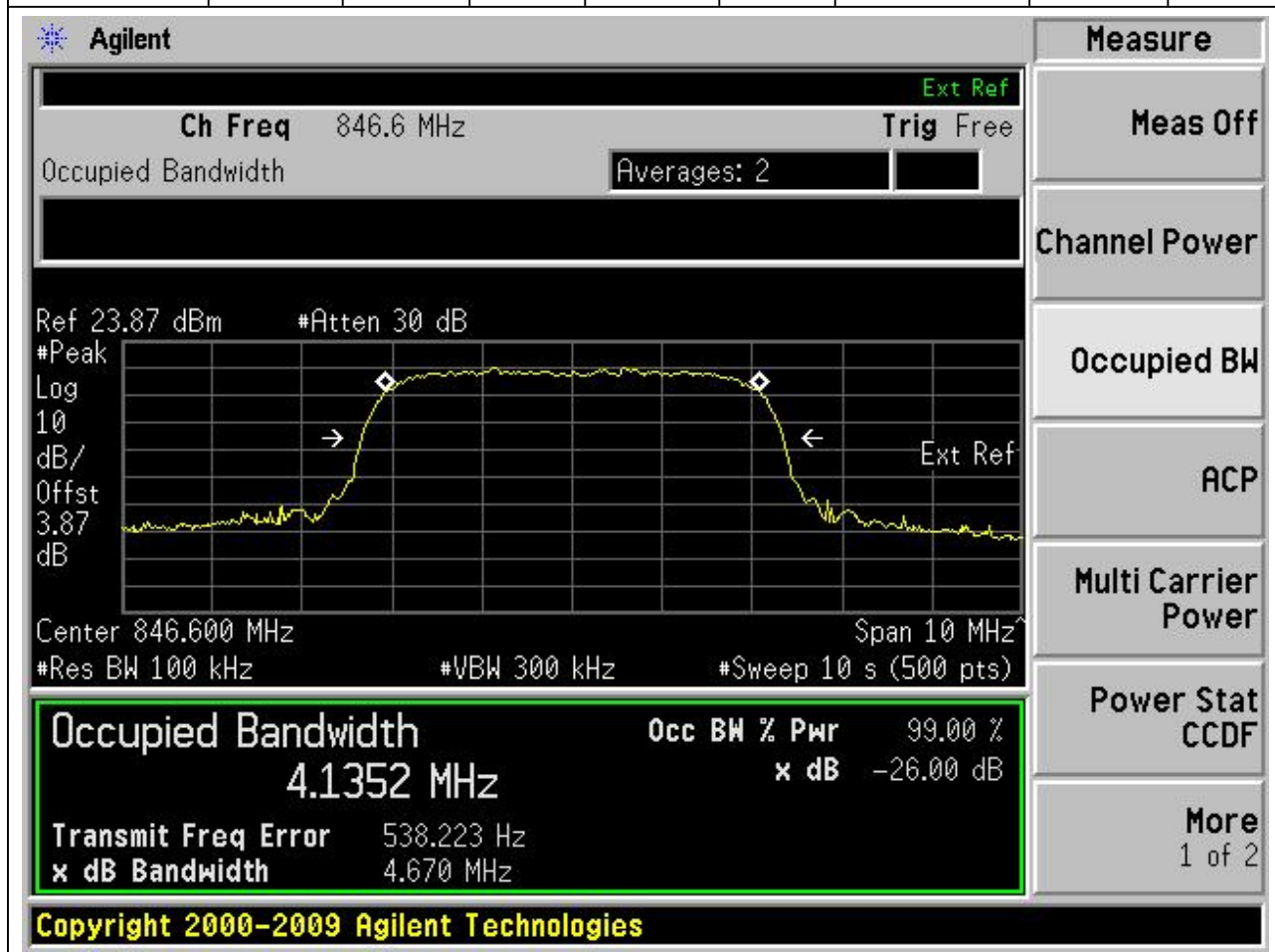
3.2 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4182)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.4	99	26	0.1	Peak	4.135	4.686	5	Pass



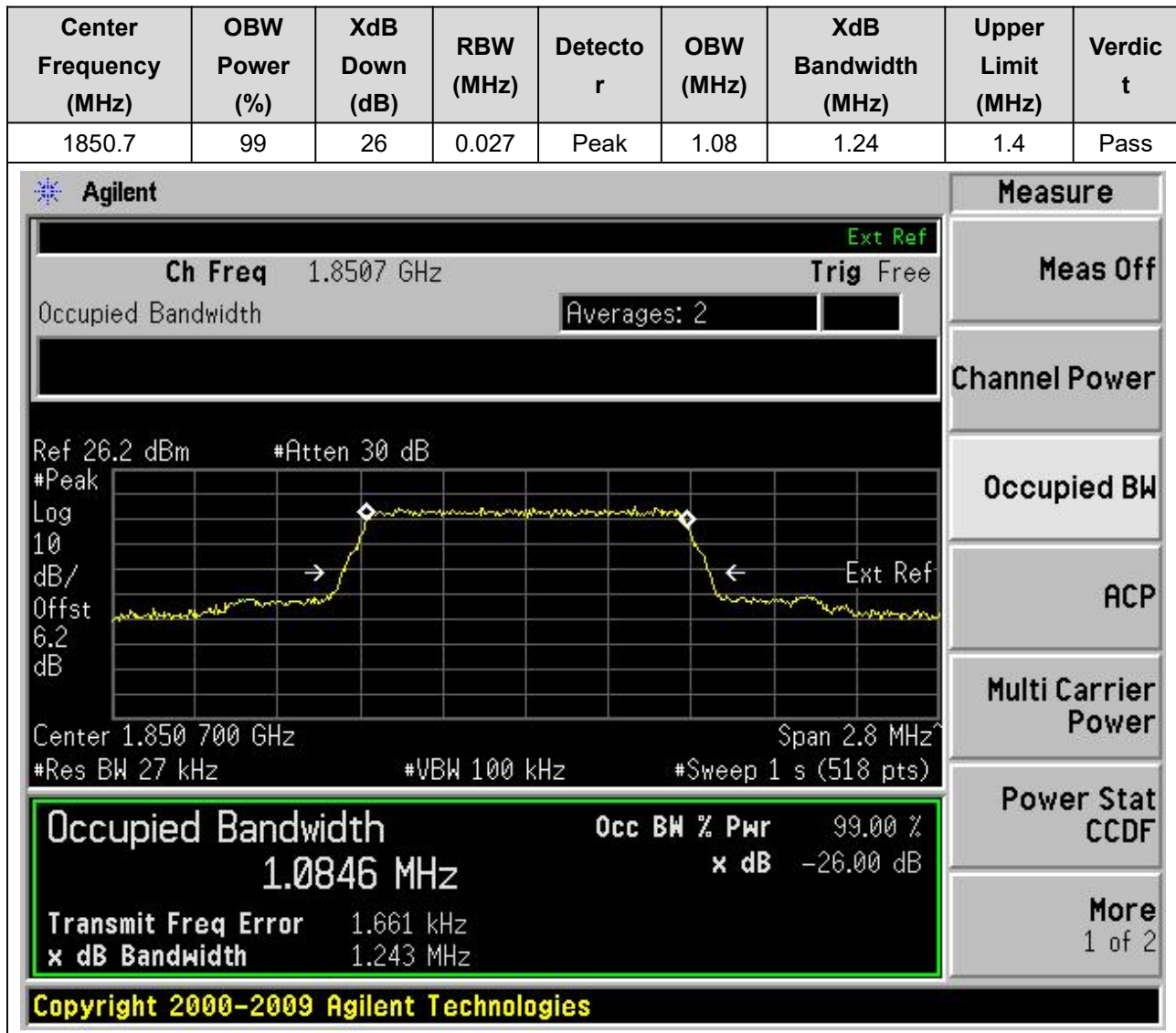
3.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4233)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.6	99	26	0.1	Peak	4.135	4.67	5	Pass



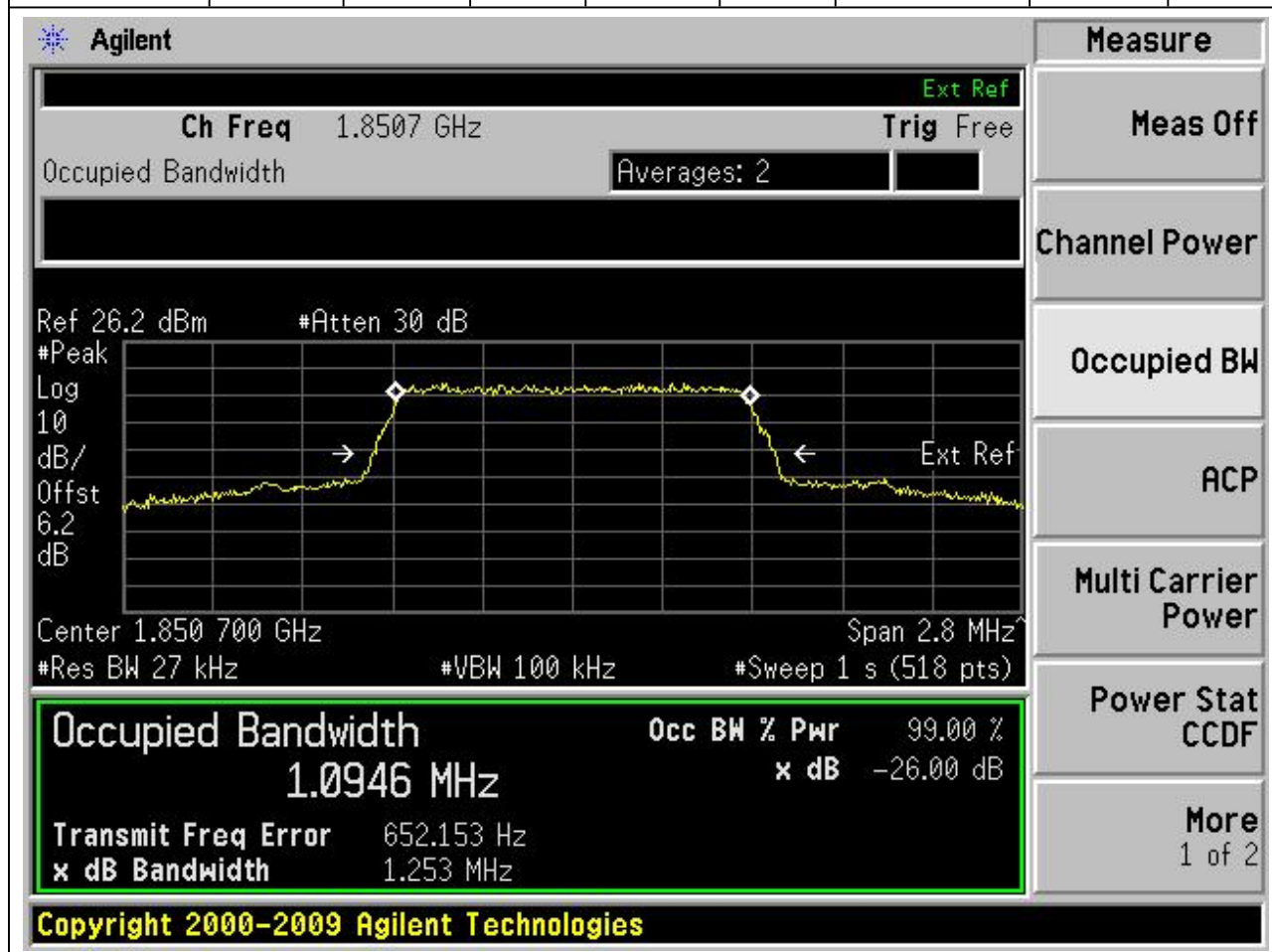
1. LTE_Band2

1.1 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



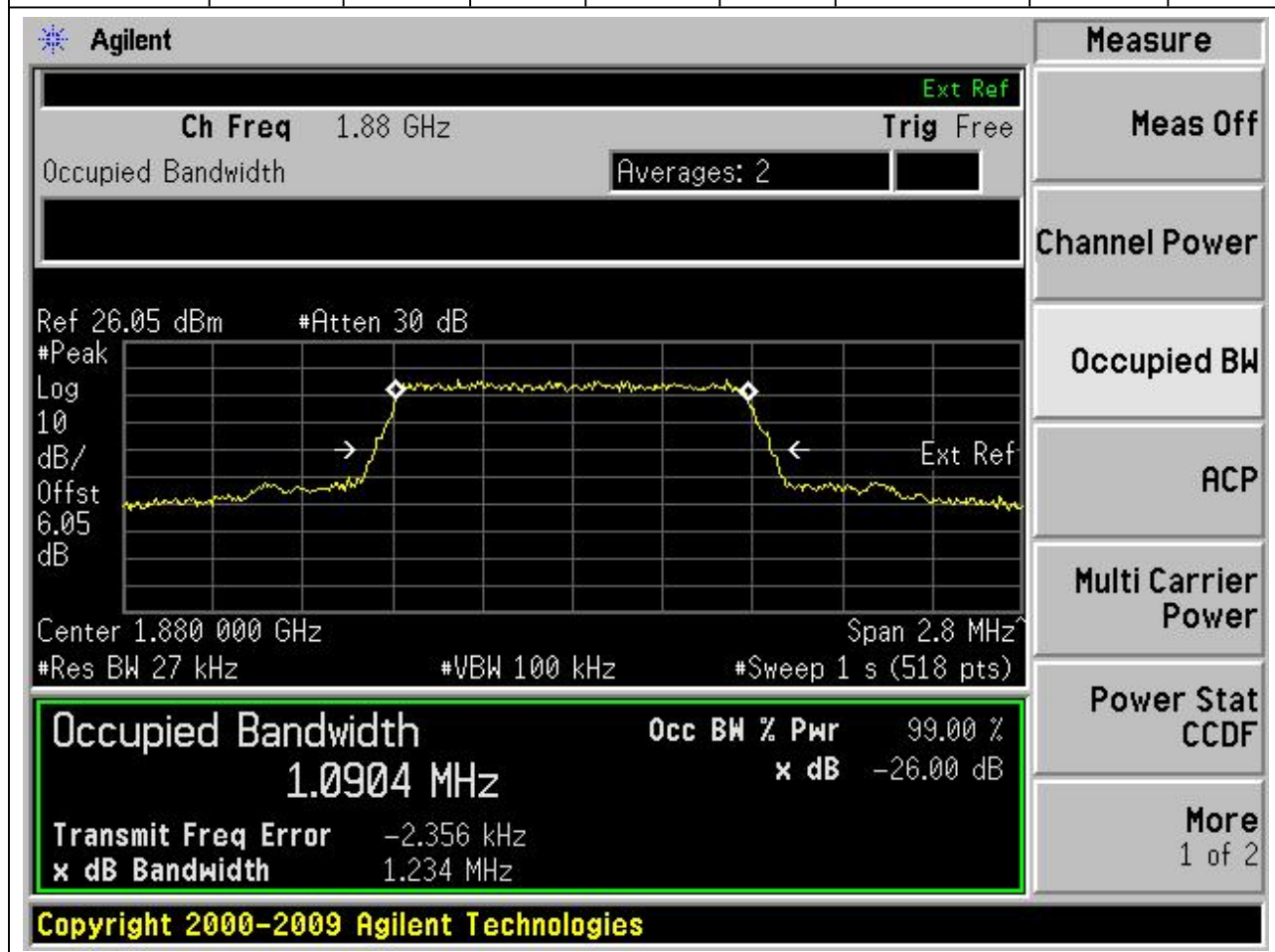
1.2 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18607, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.7	99	26	0.027	Peak	1.09	1.25	1.4	Pass



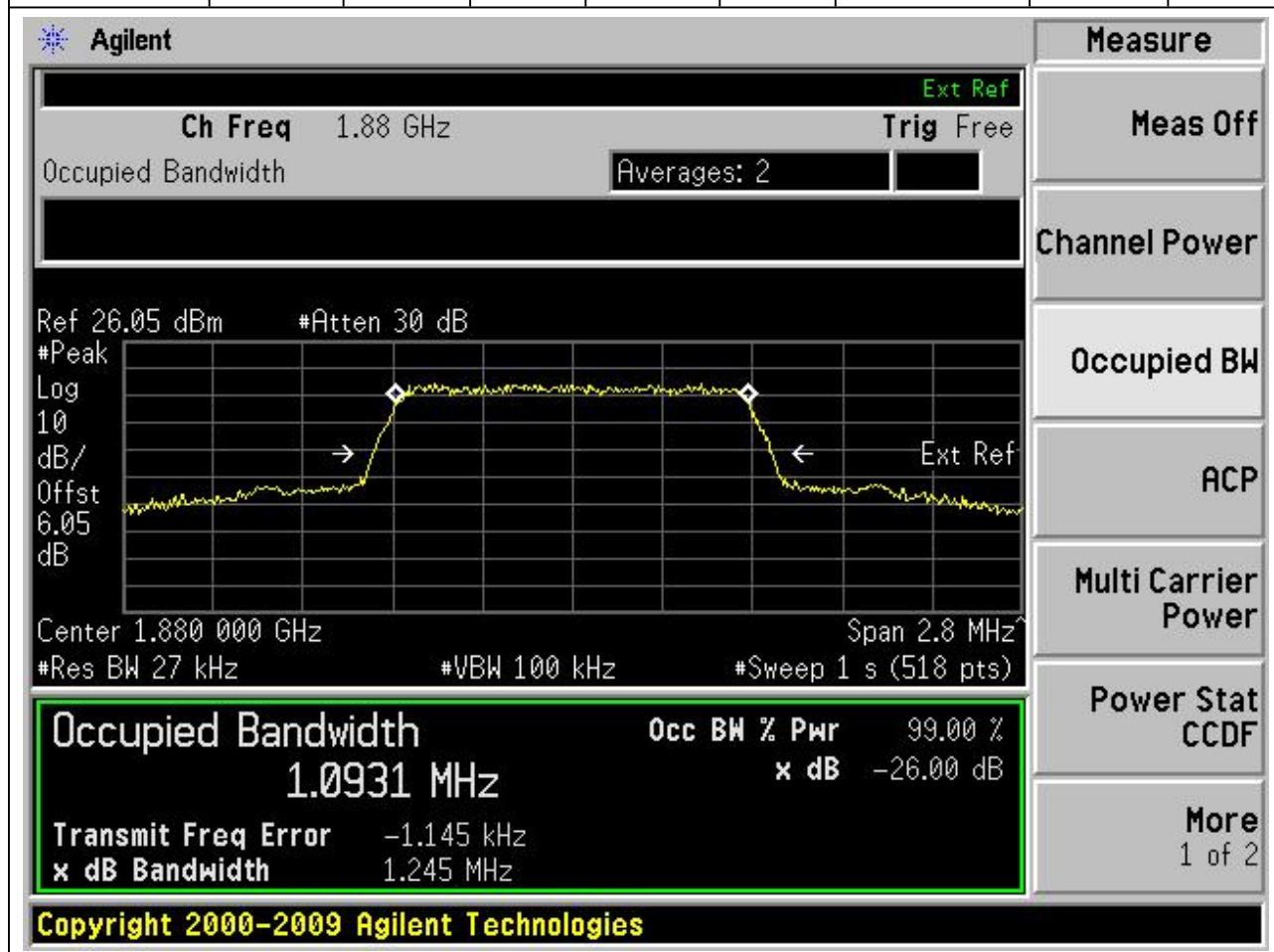
1.3 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.09	1.23	1.4	Pass



1.4 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.027	Peak	1.09	1.25	1.4	Pass



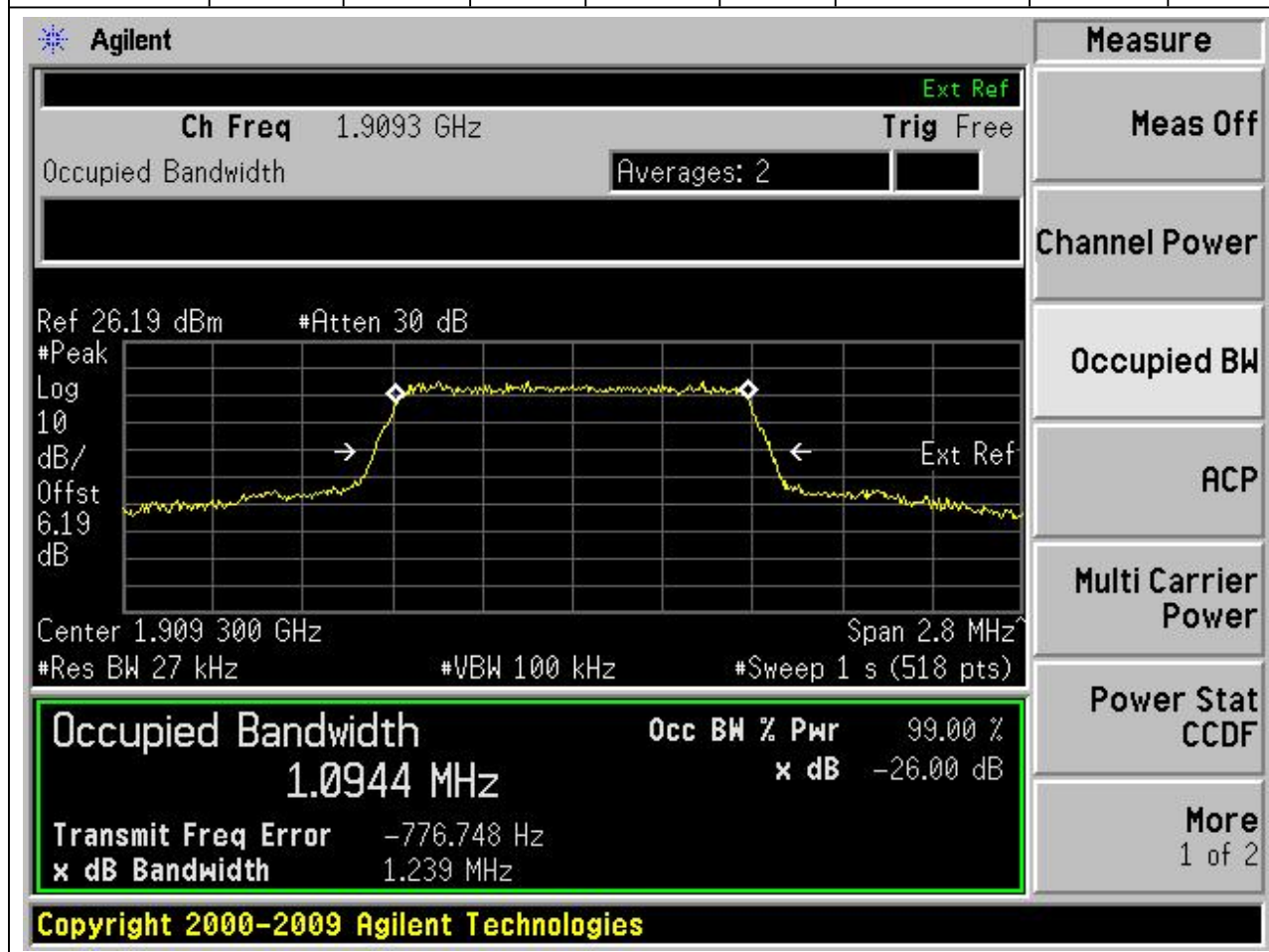
1.5 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.09	1.25	1.4	Pass

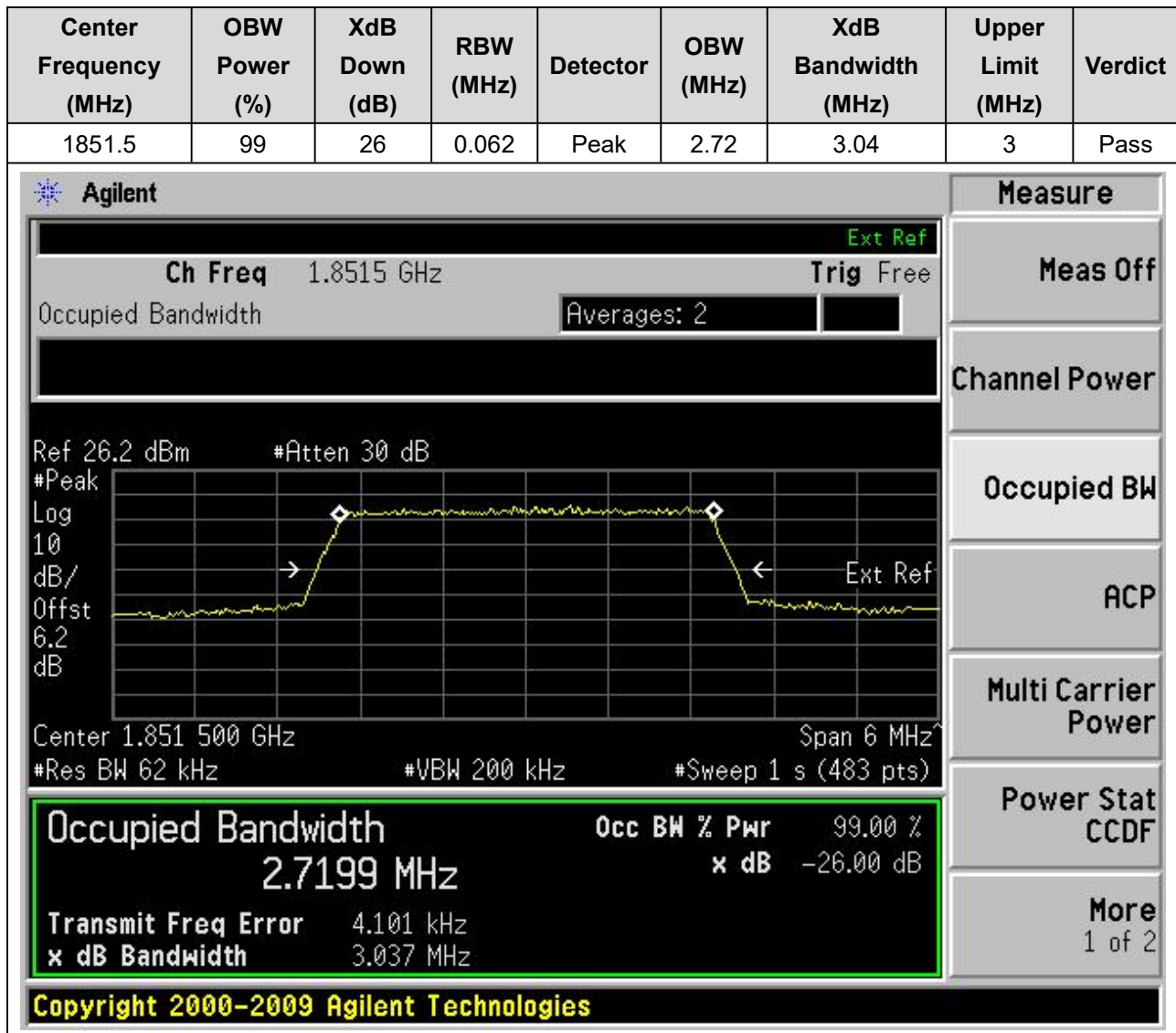


1.6 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19193, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1909.3	99	26	0.027	Peak	1.09	1.24	1.4	Pass

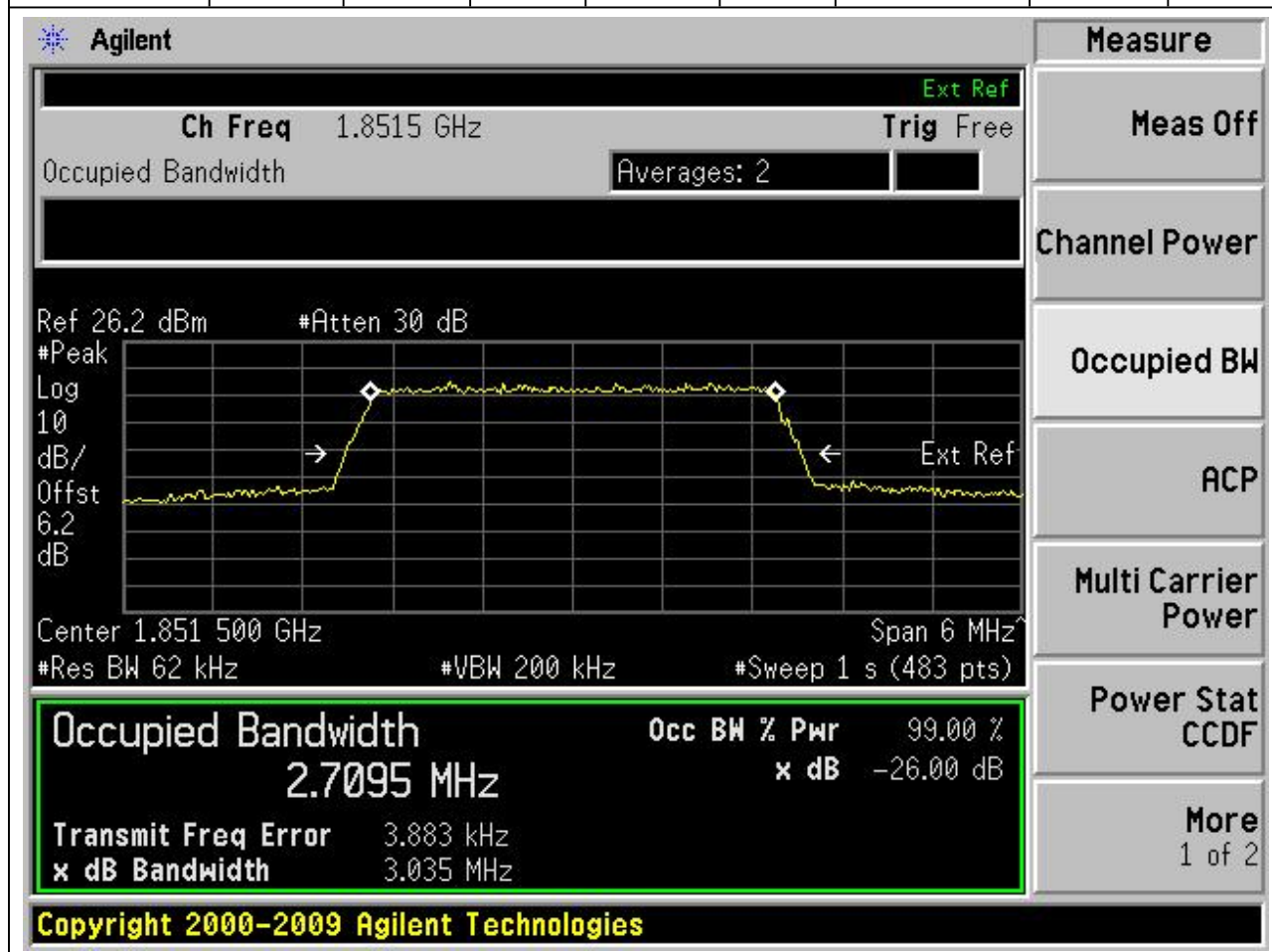


1.7 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)



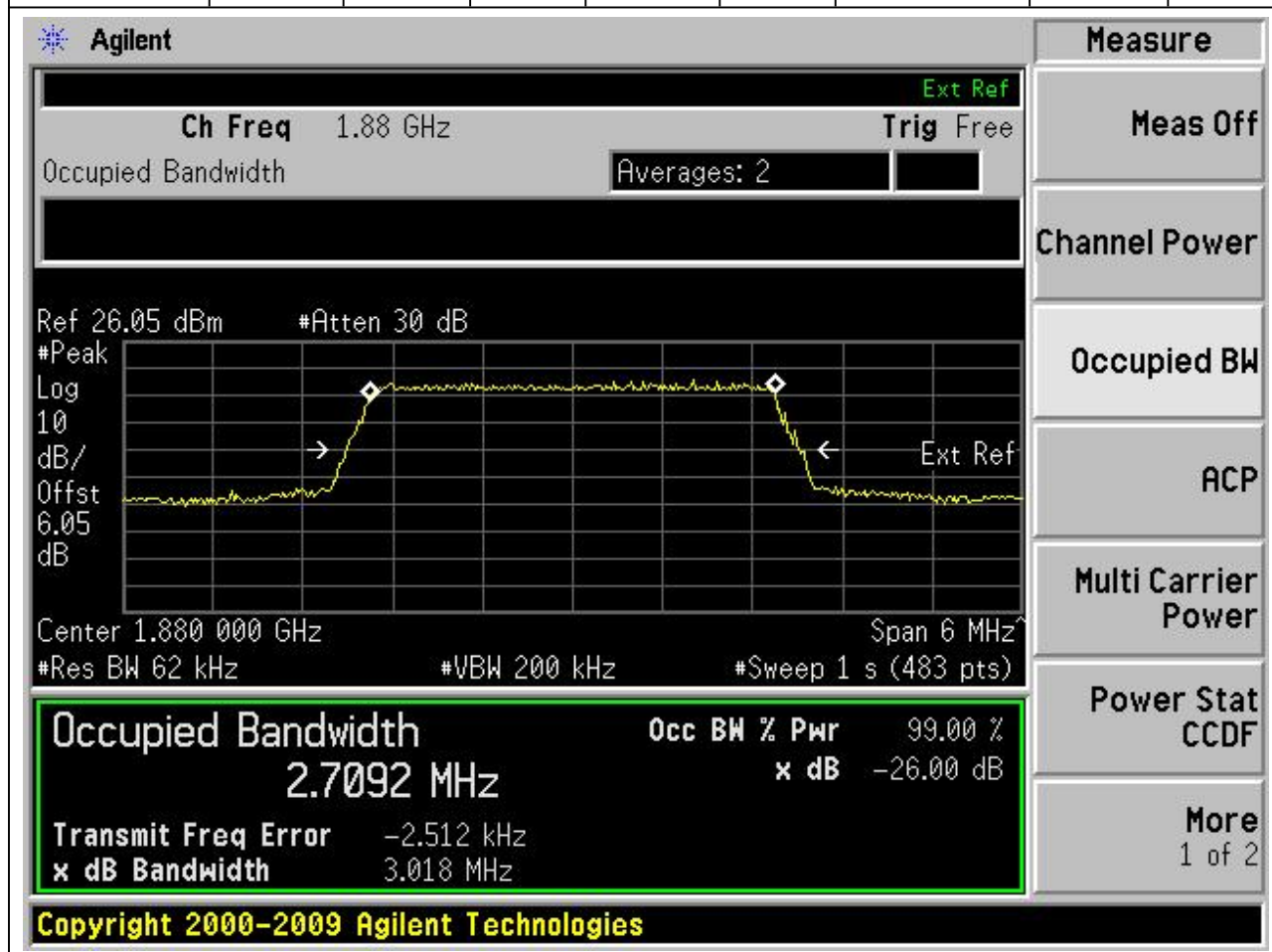
1.8 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18615, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1851.5	99	26	0.062	Peak	2.71	3.04	3	Pass

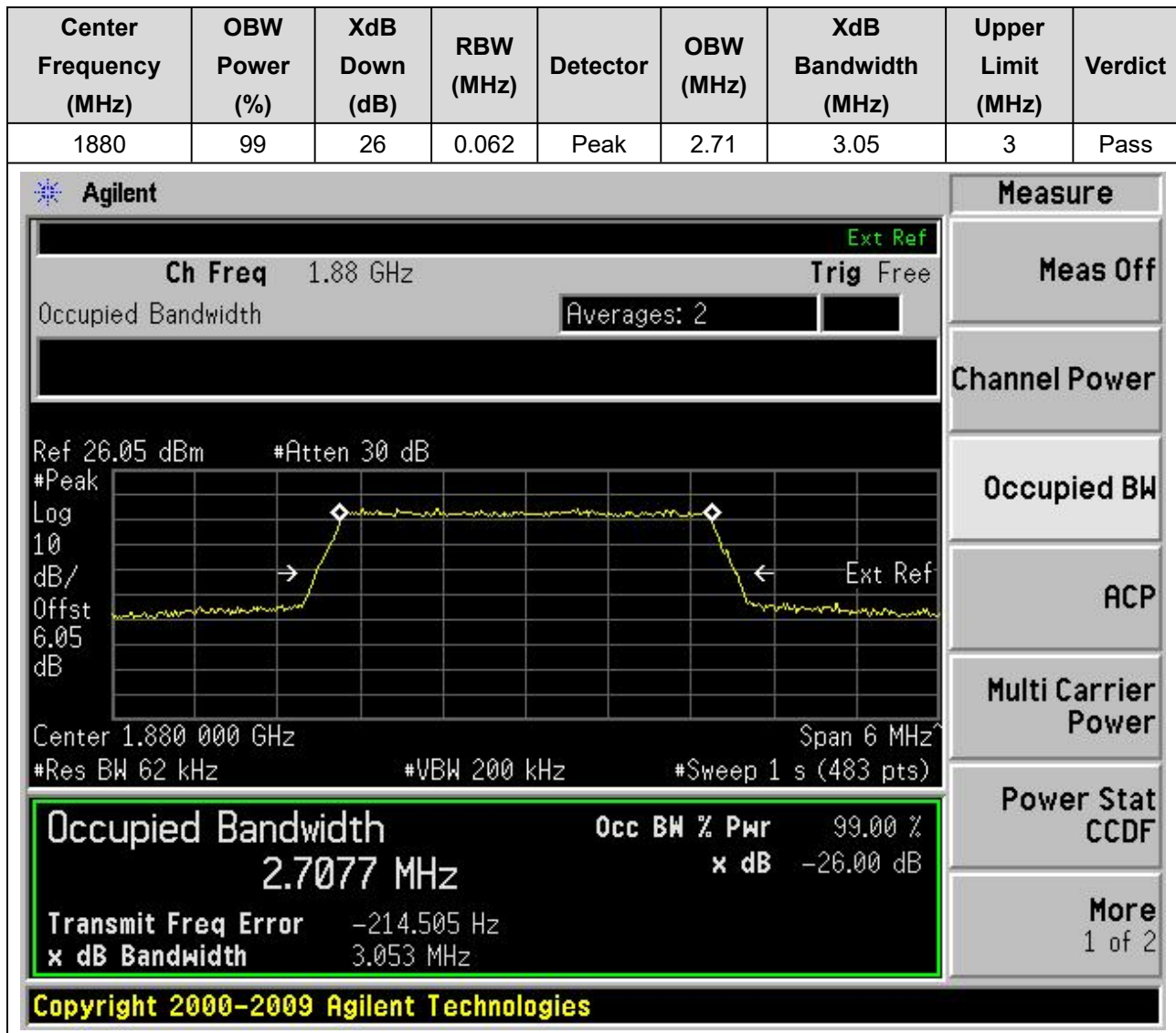


1.9 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.062	Peak	2.71	3.02	3	Pass

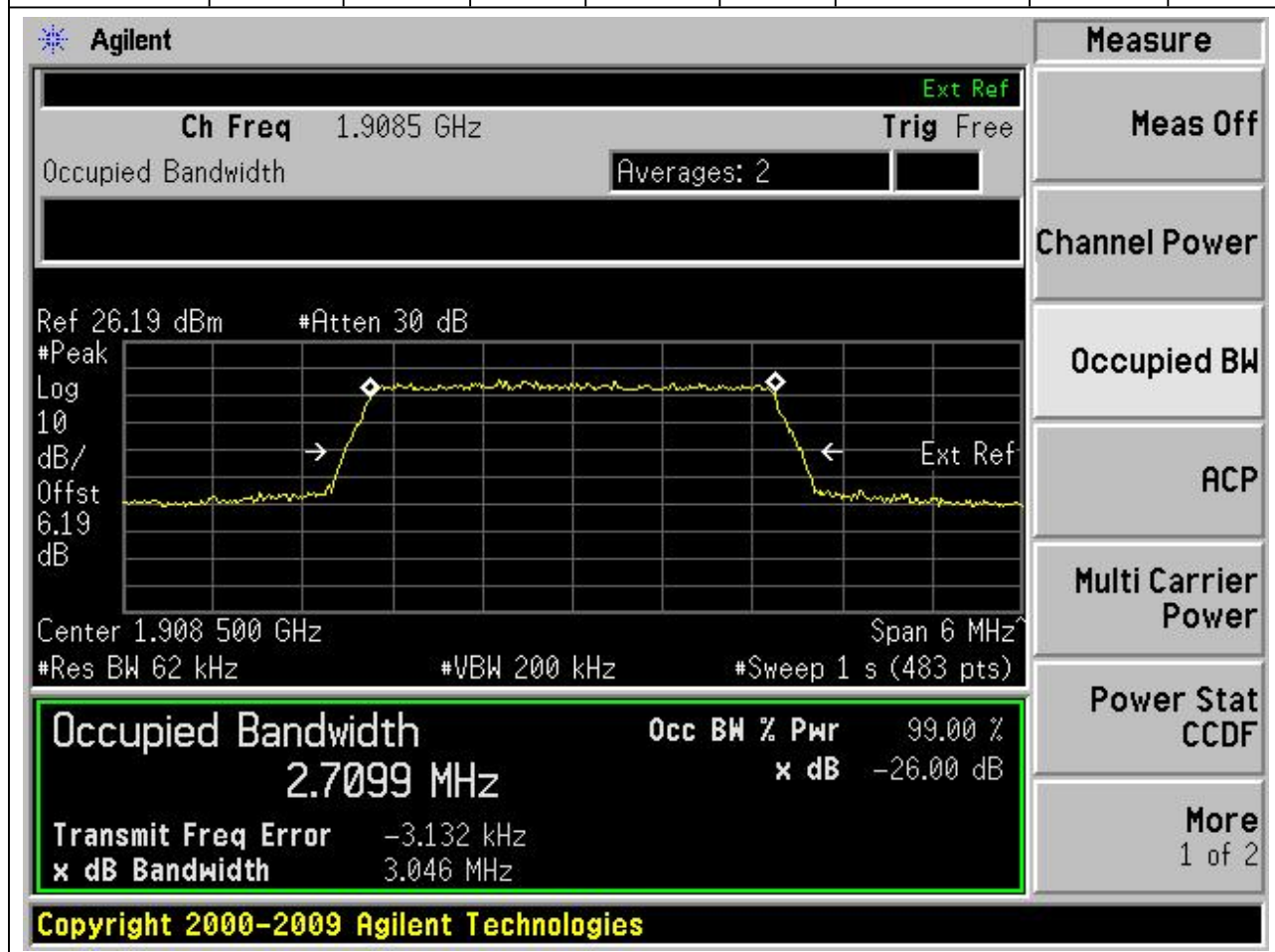


1.10 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)

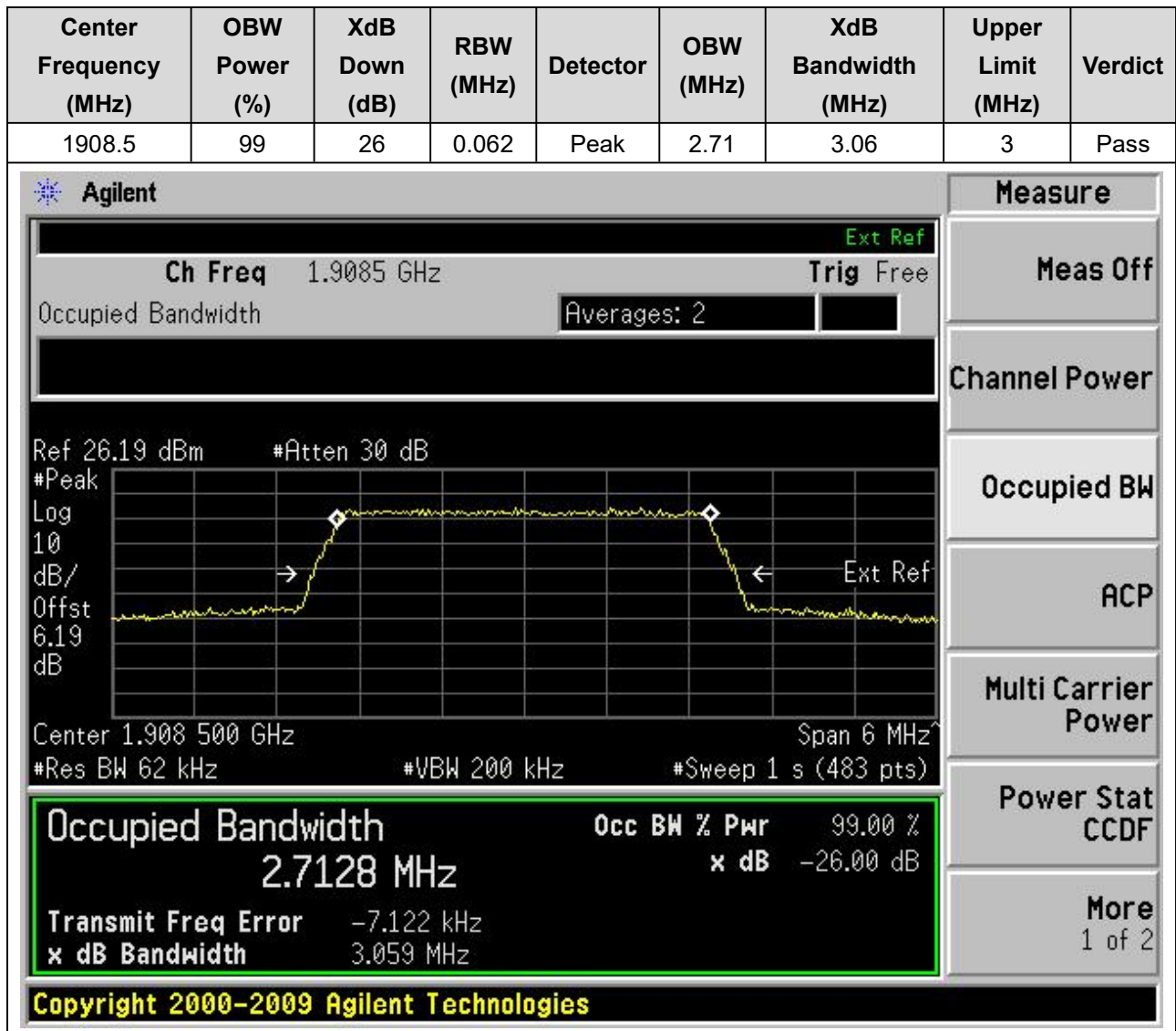


1.11 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1908.5	99	26	0.062	Peak	2.71	3.05	3	Pass

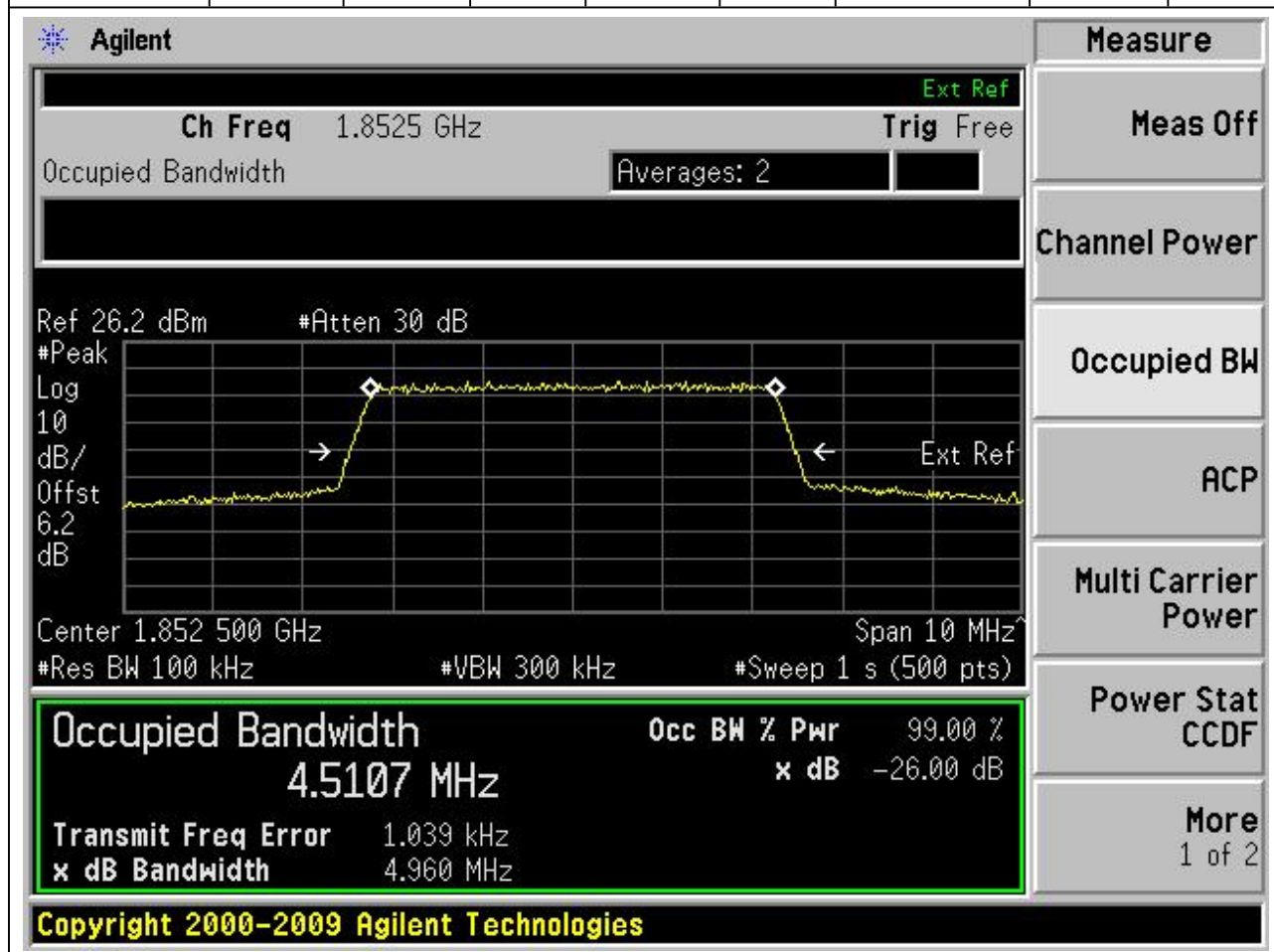


1.12 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19185, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)



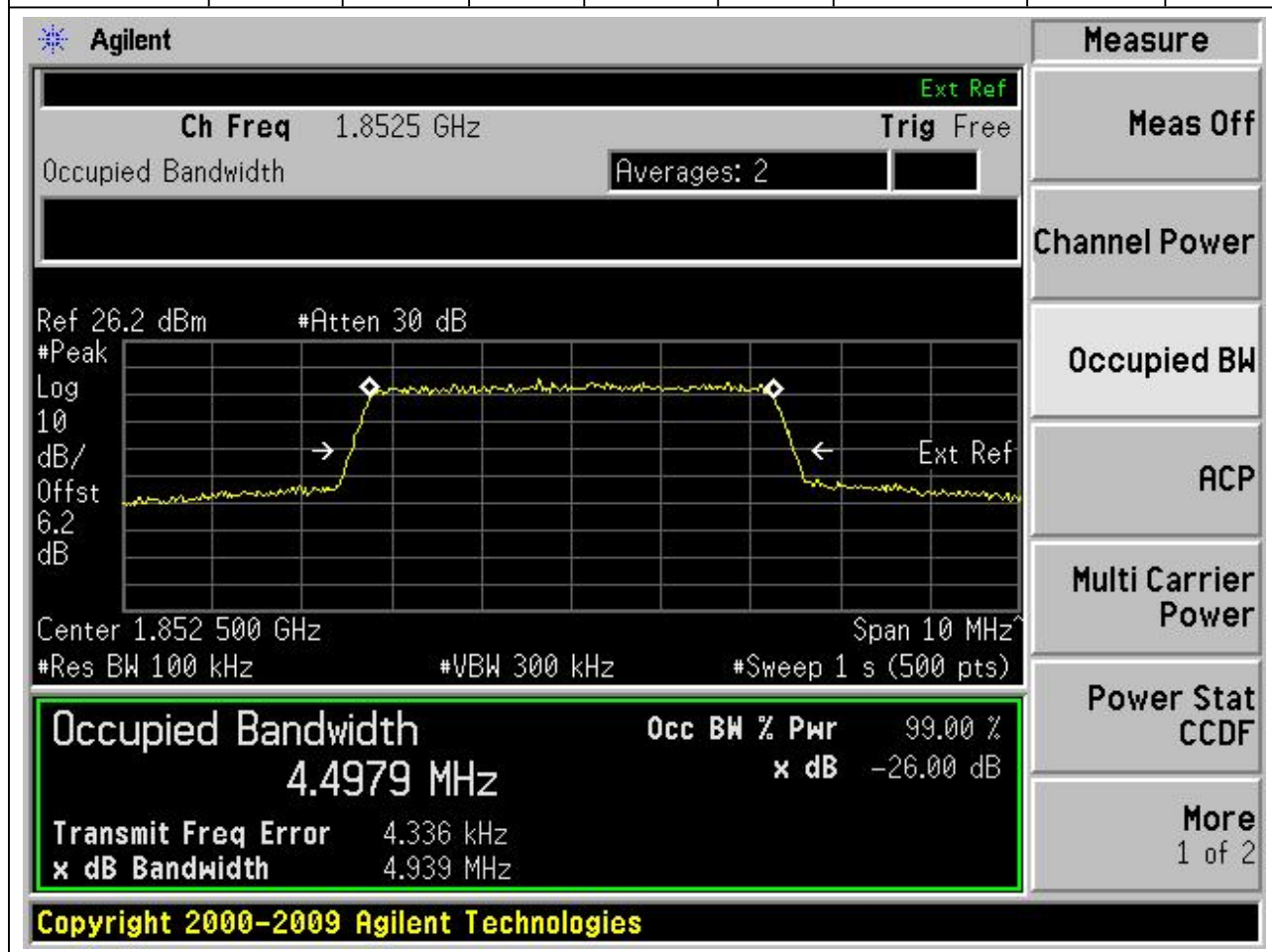
1.13 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.51	4.96	5	Pass



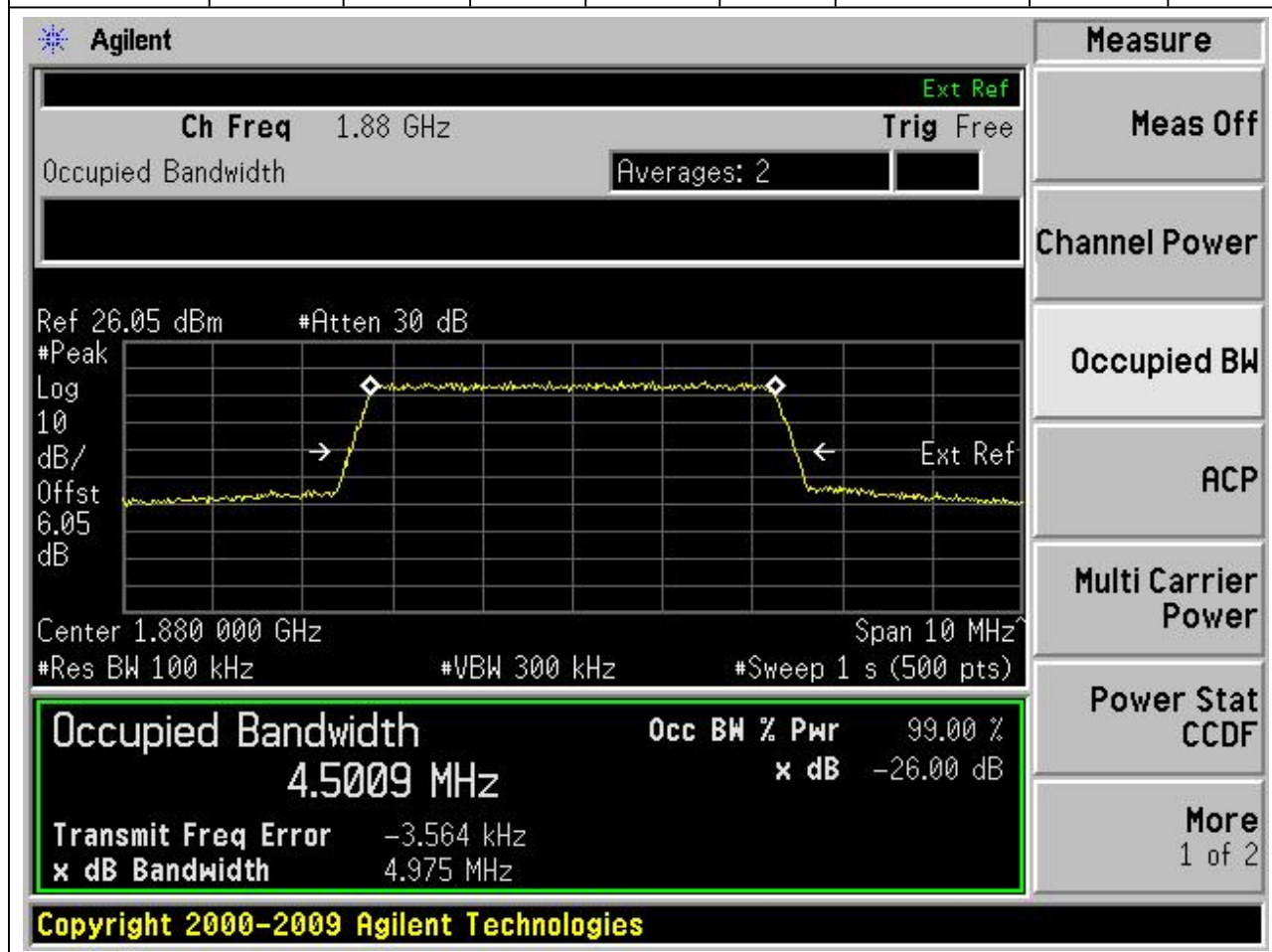
1.14 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18625, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1852.5	99	26	0.1	Peak	4.5	4.94	5	Pass



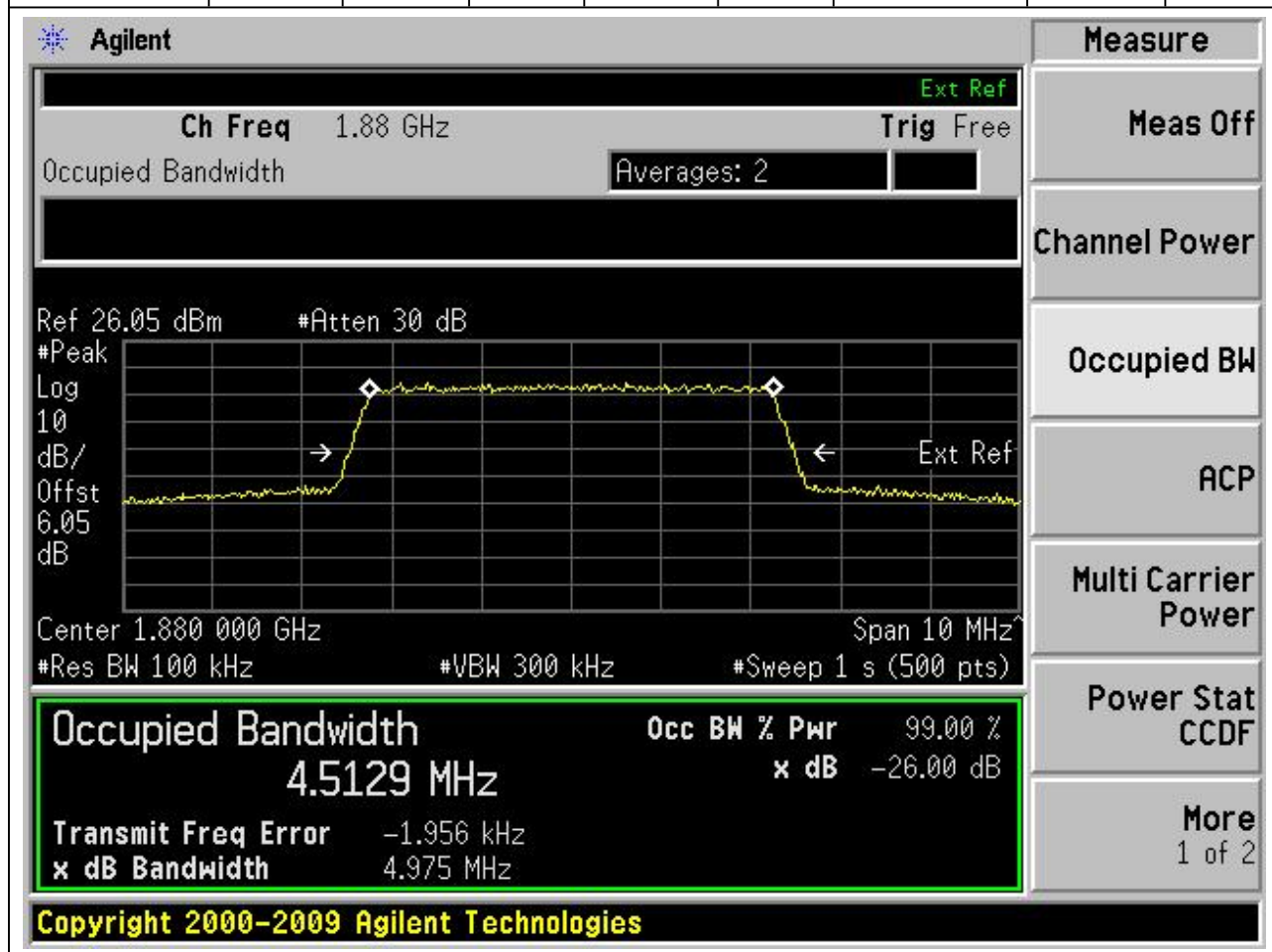
1.15 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.5	4.98	5	Pass



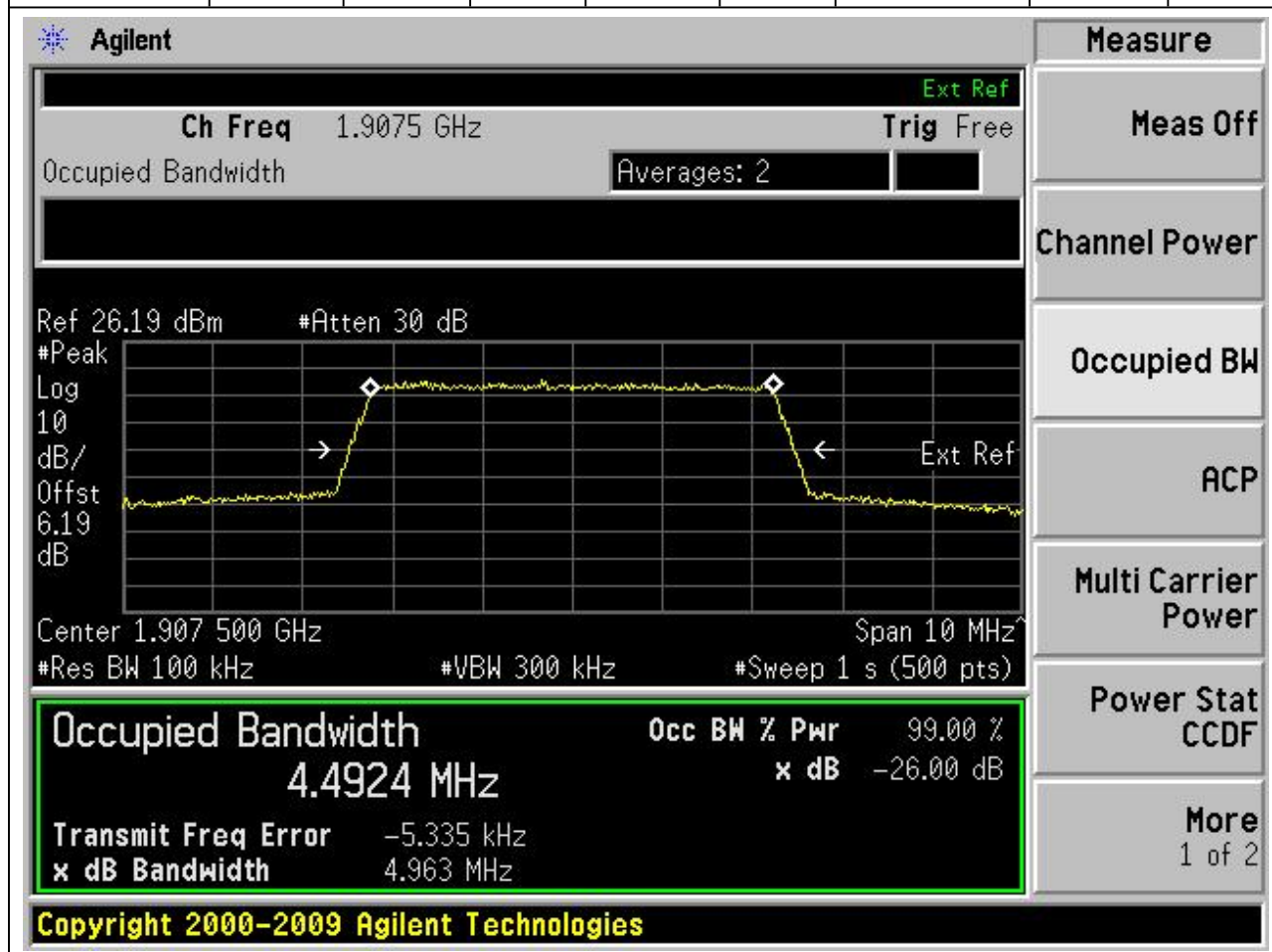
1.16 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.1	Peak	4.51	4.97	5	Pass



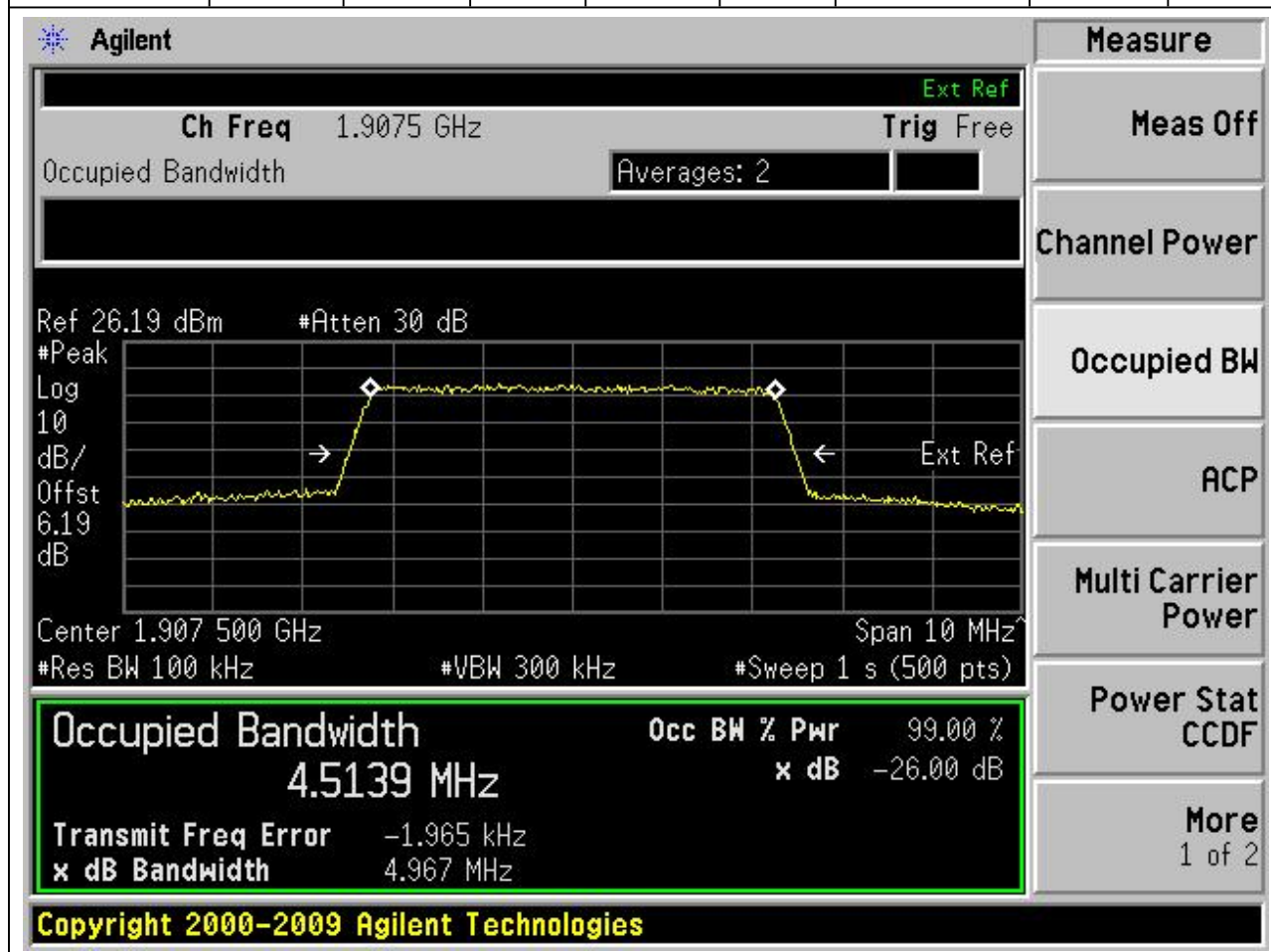
1.17 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.49	4.96	5	Pass



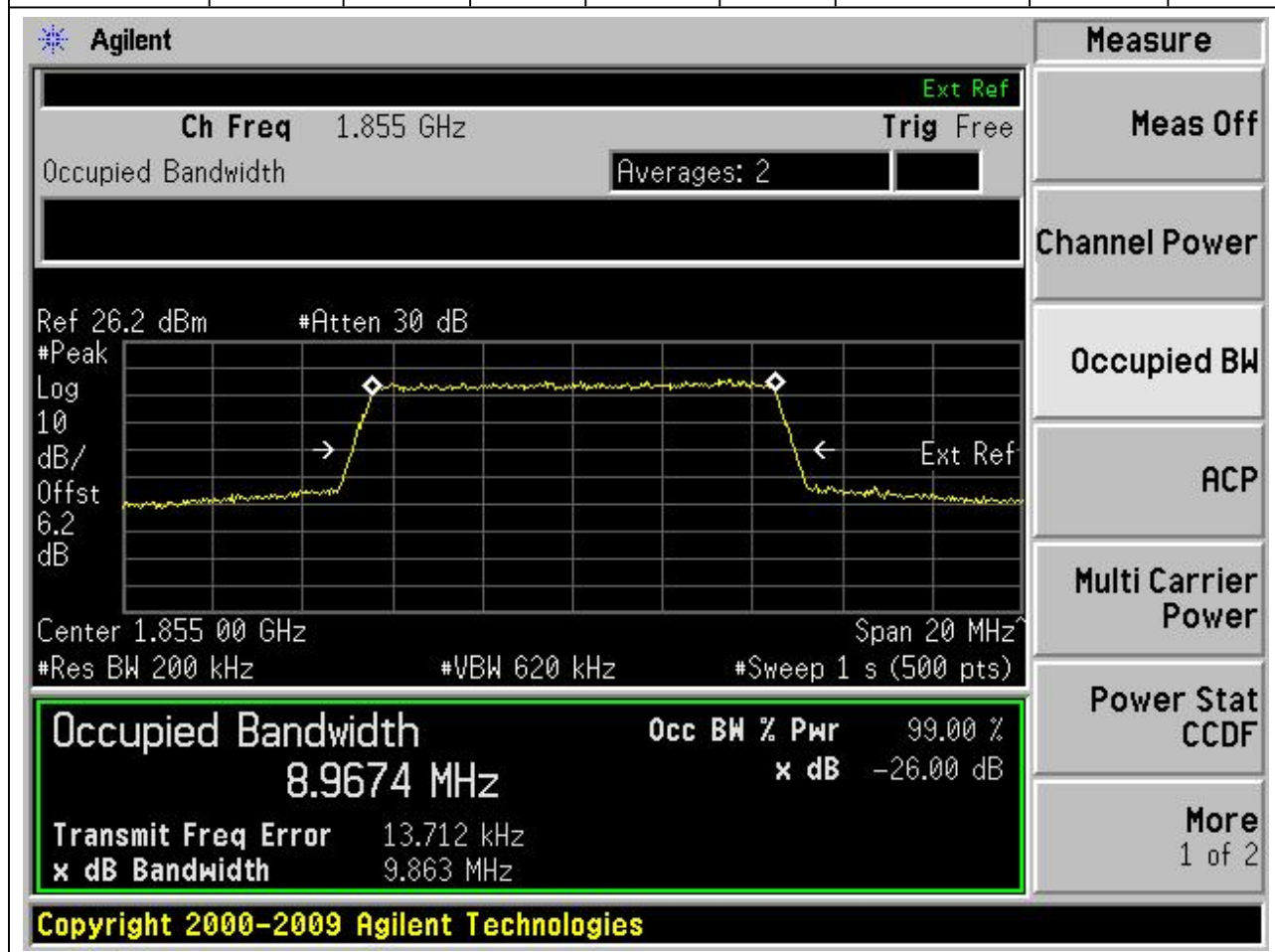
1.18 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19175, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1907.5	99	26	0.1	Peak	4.51	4.97	5	Pass

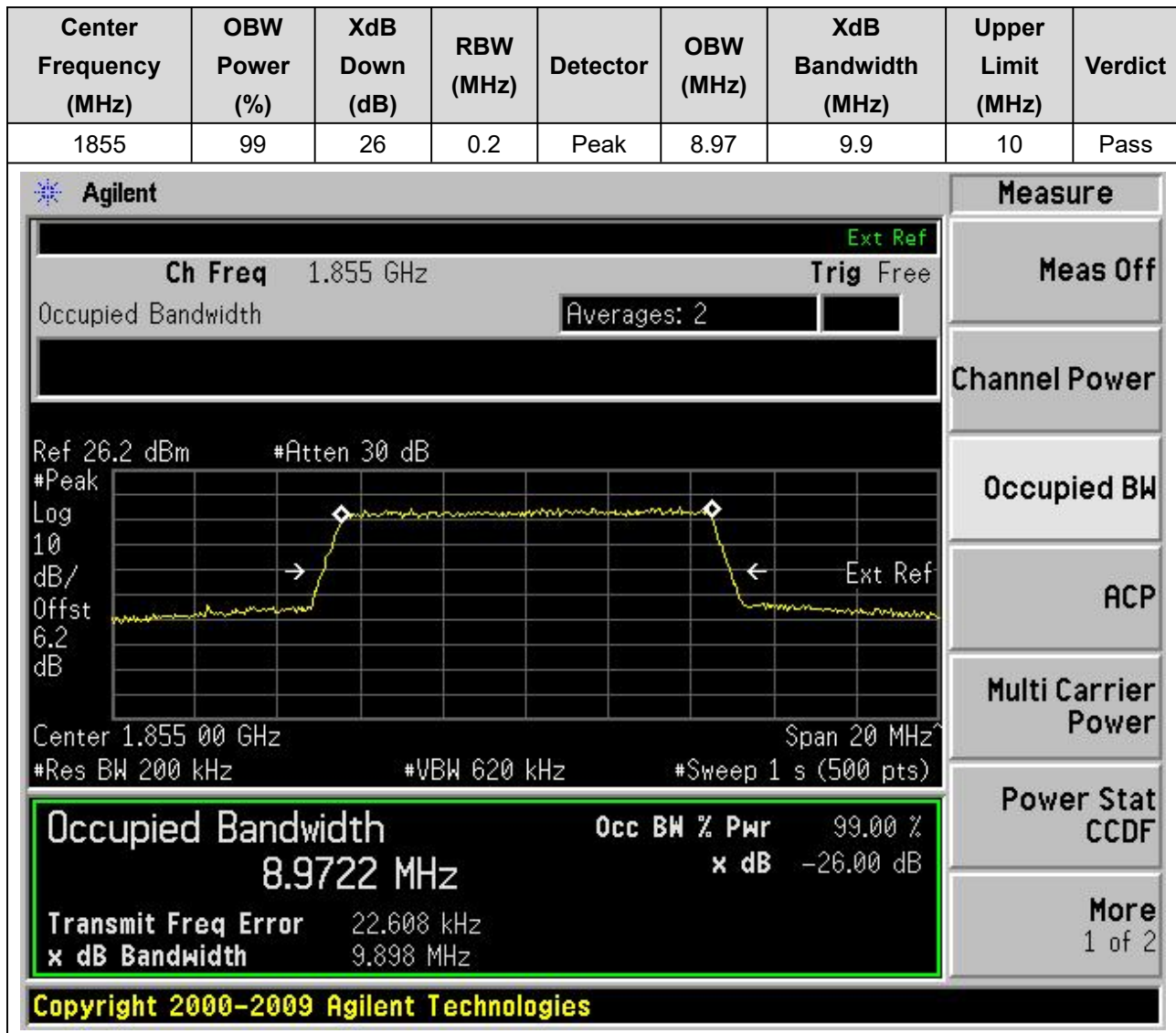


1.19 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1855	99	26	0.2	Peak	8.97	9.86	10	Pass

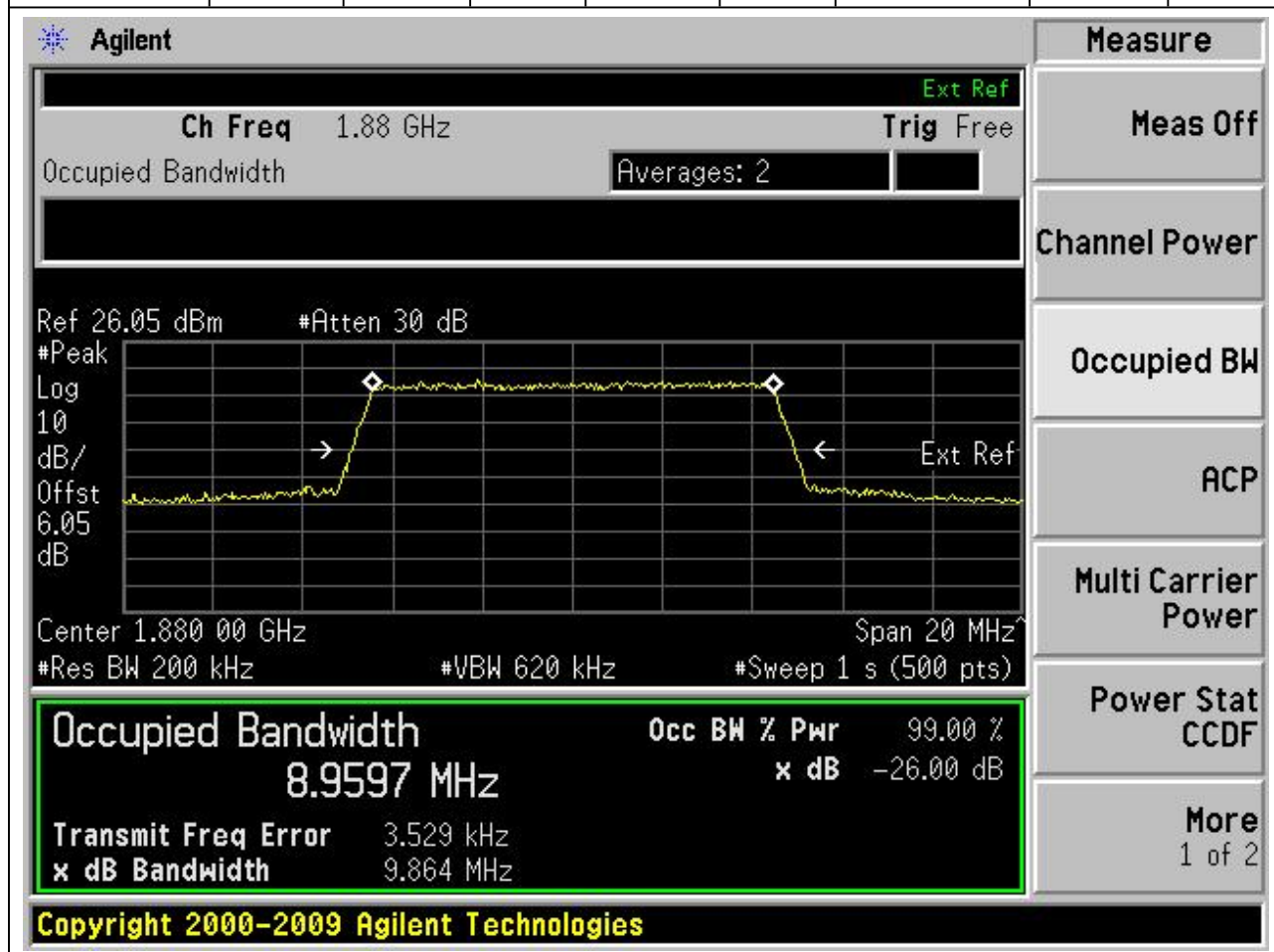


1.20 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18650, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



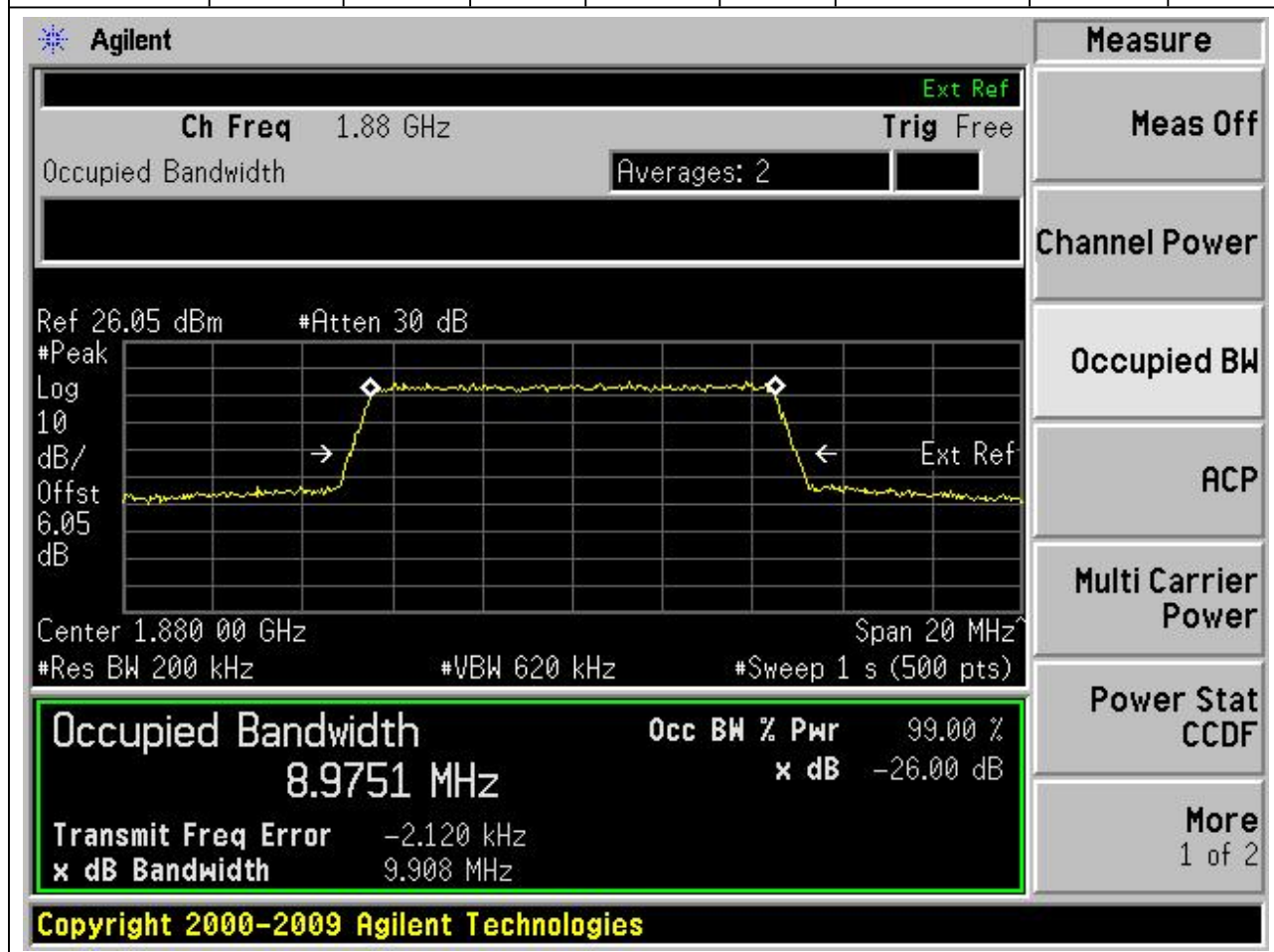
1.21 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.96	9.86	10	Pass

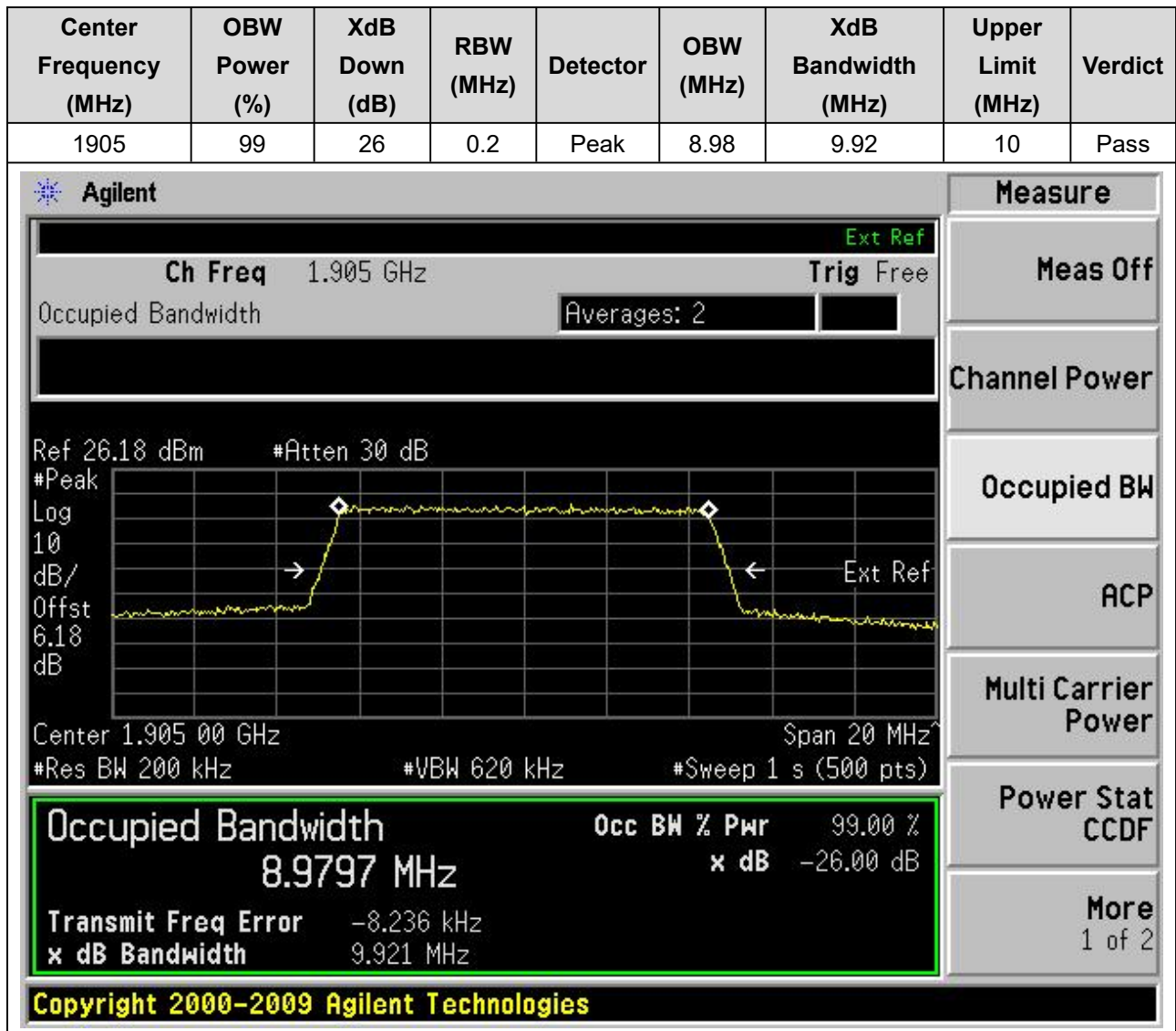


1.22 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.2	Peak	8.98	9.91	10	Pass

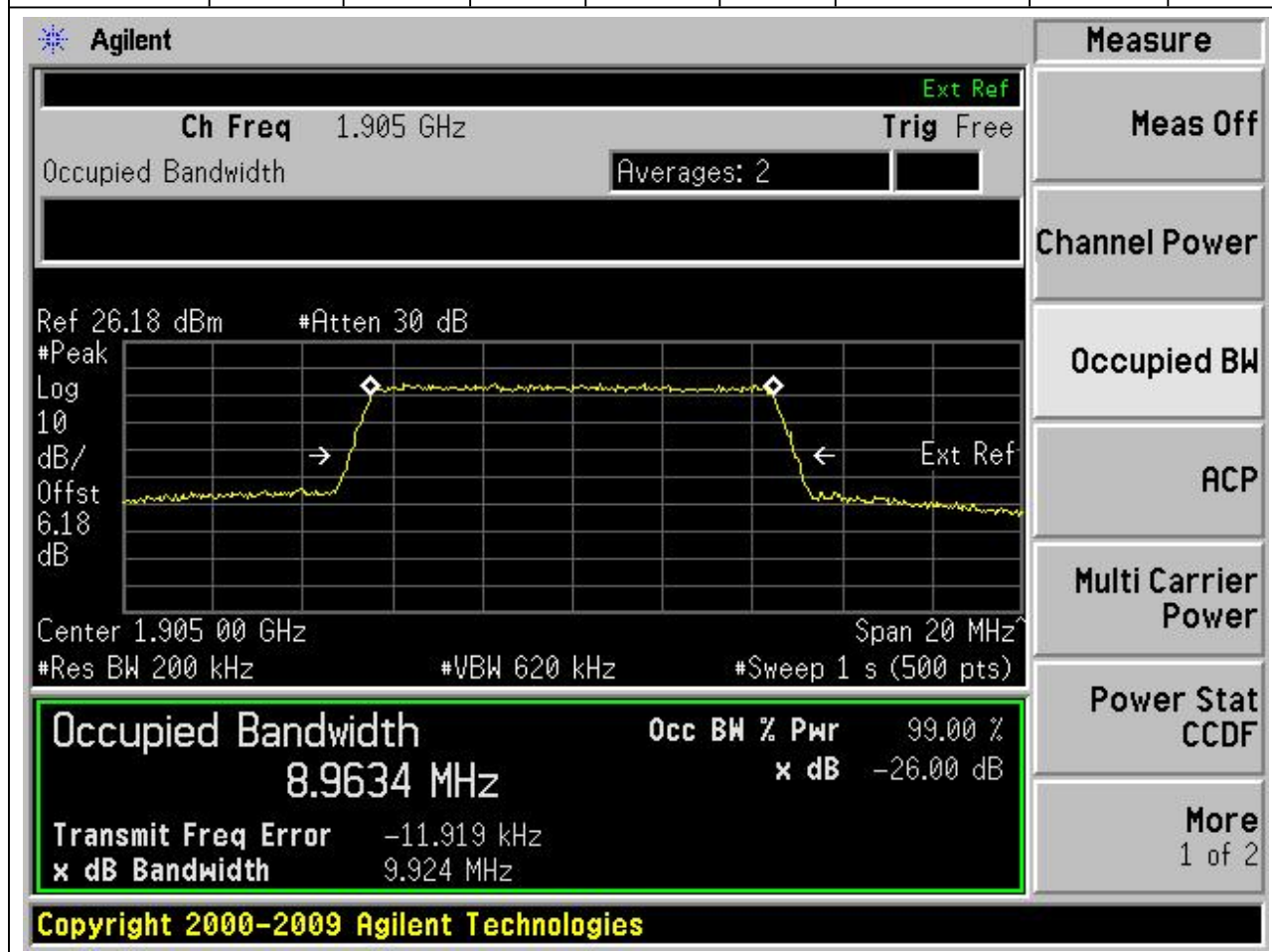


1.23 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

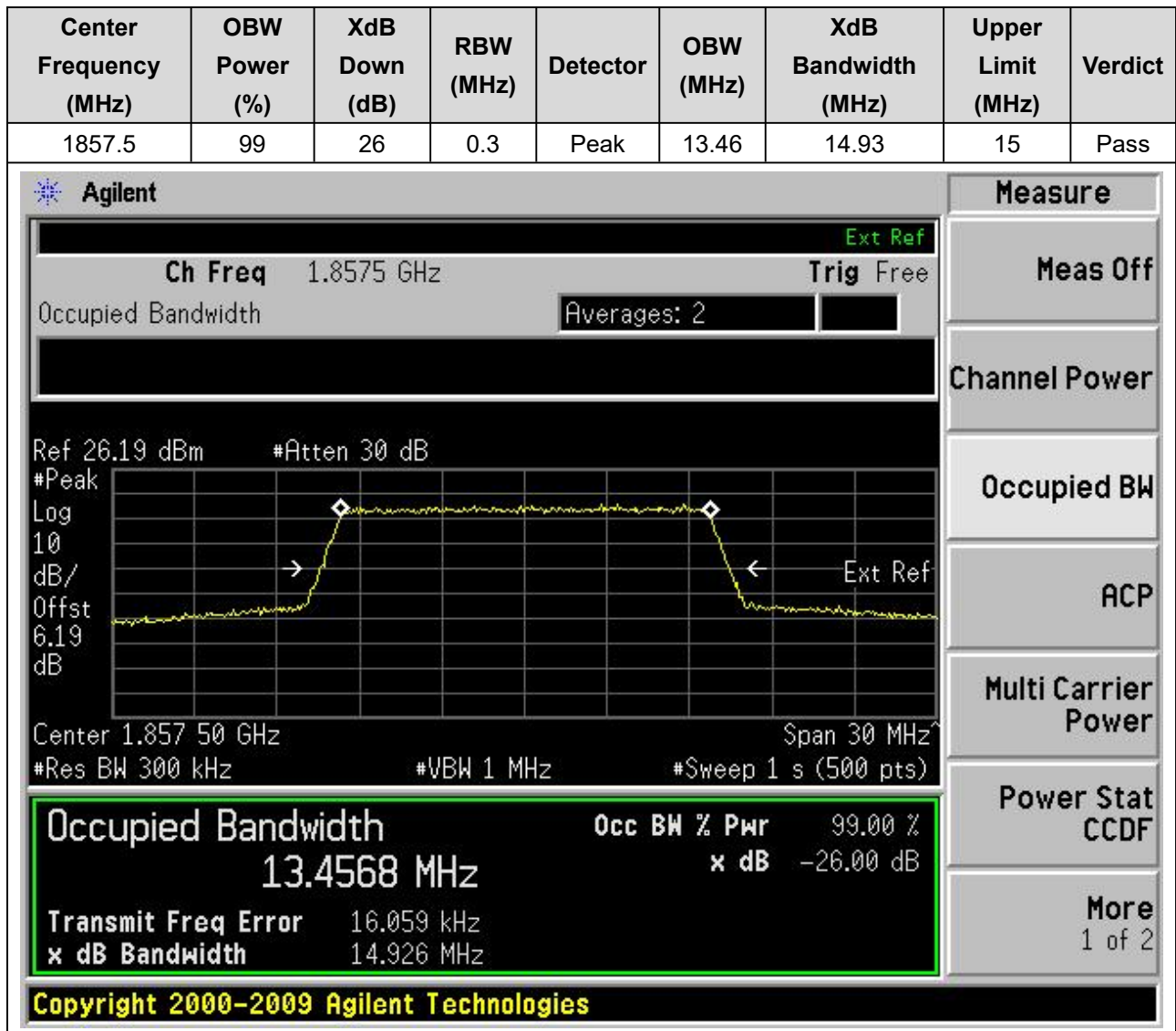


1.24 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19150, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1905	99	26	0.2	Peak	8.96	9.92	10	Pass

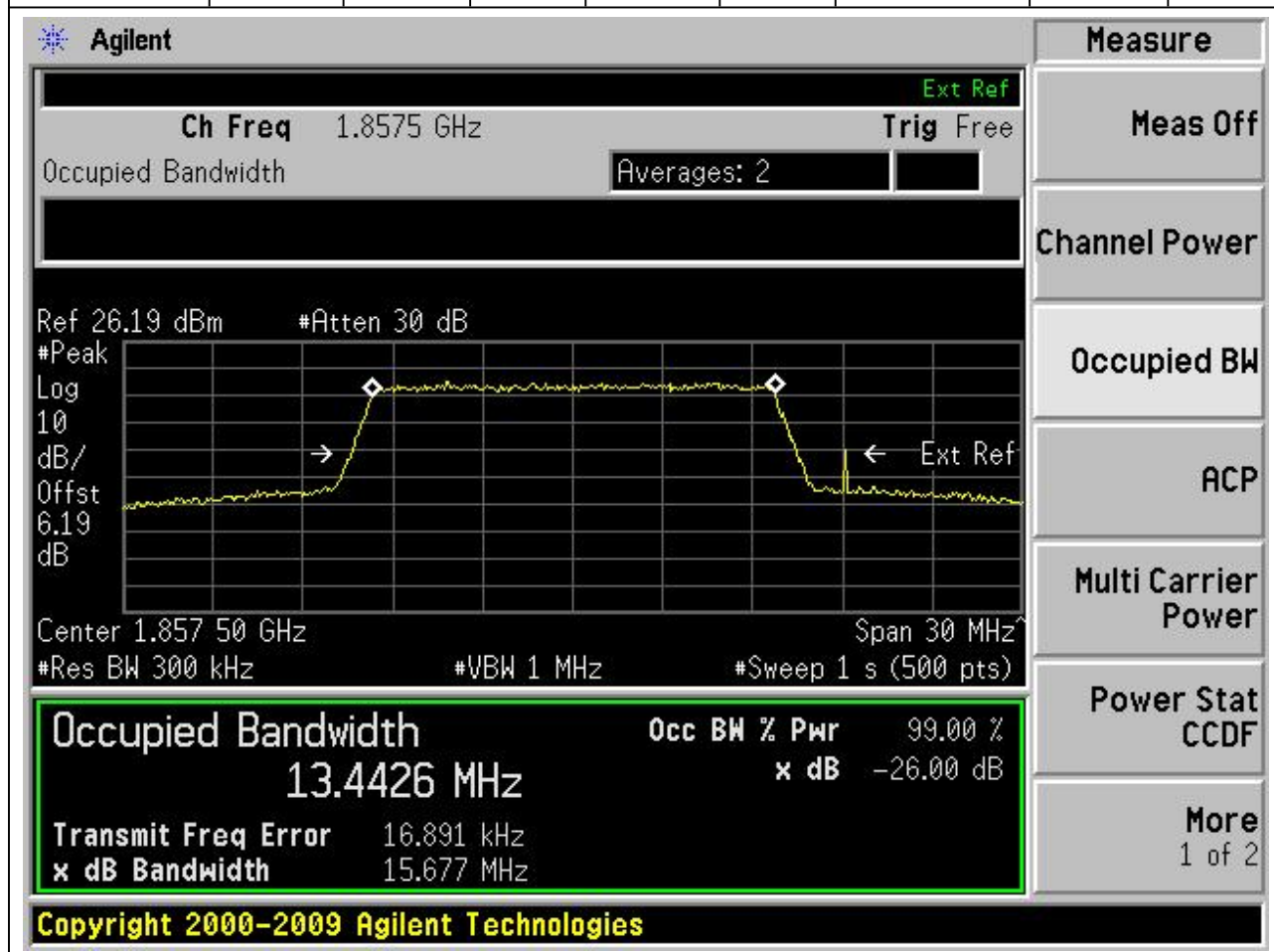


1.25 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)



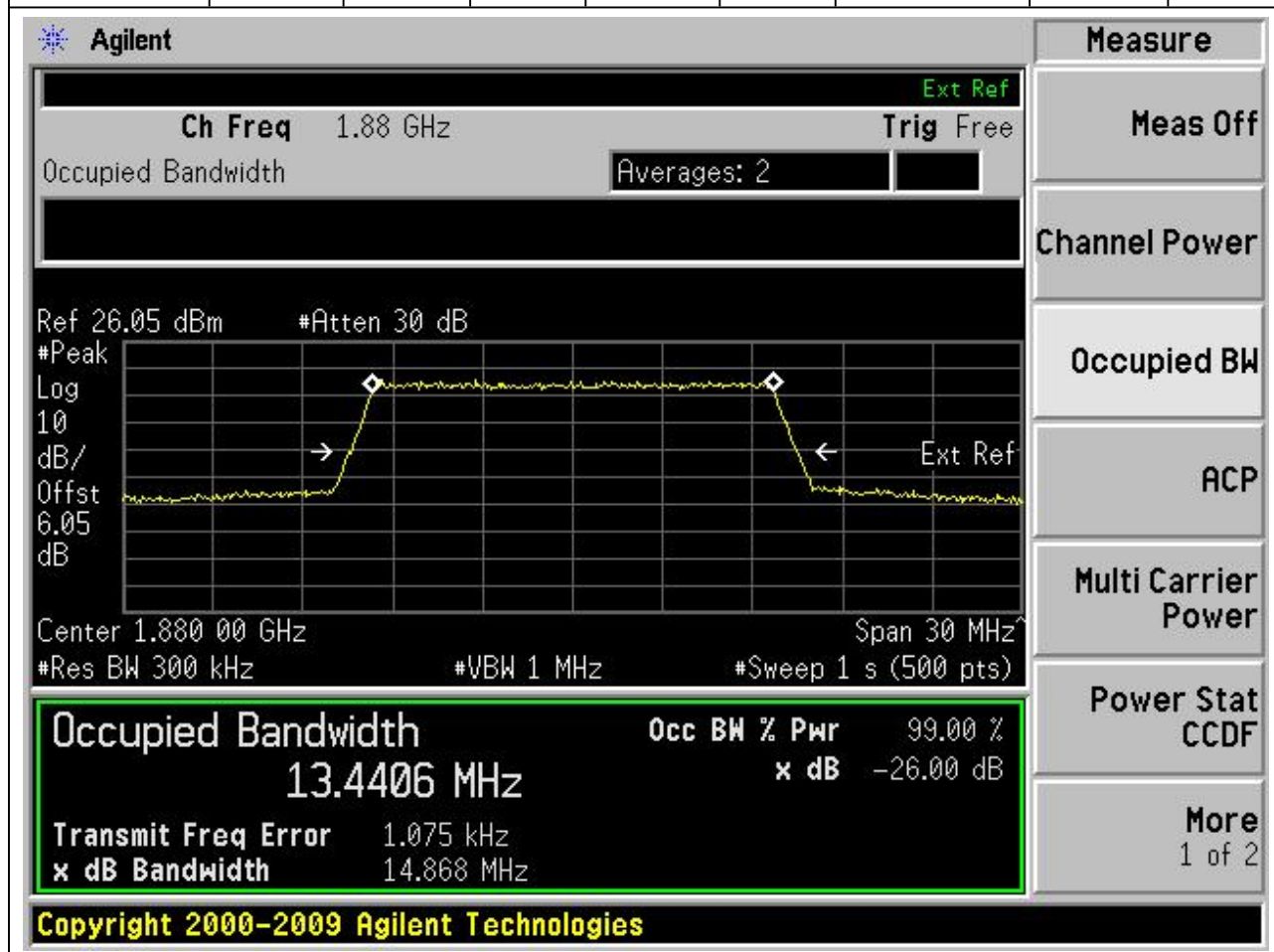
1.26 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1857.5	99	26	0.3	Peak	13.44	15.68	15	Pass

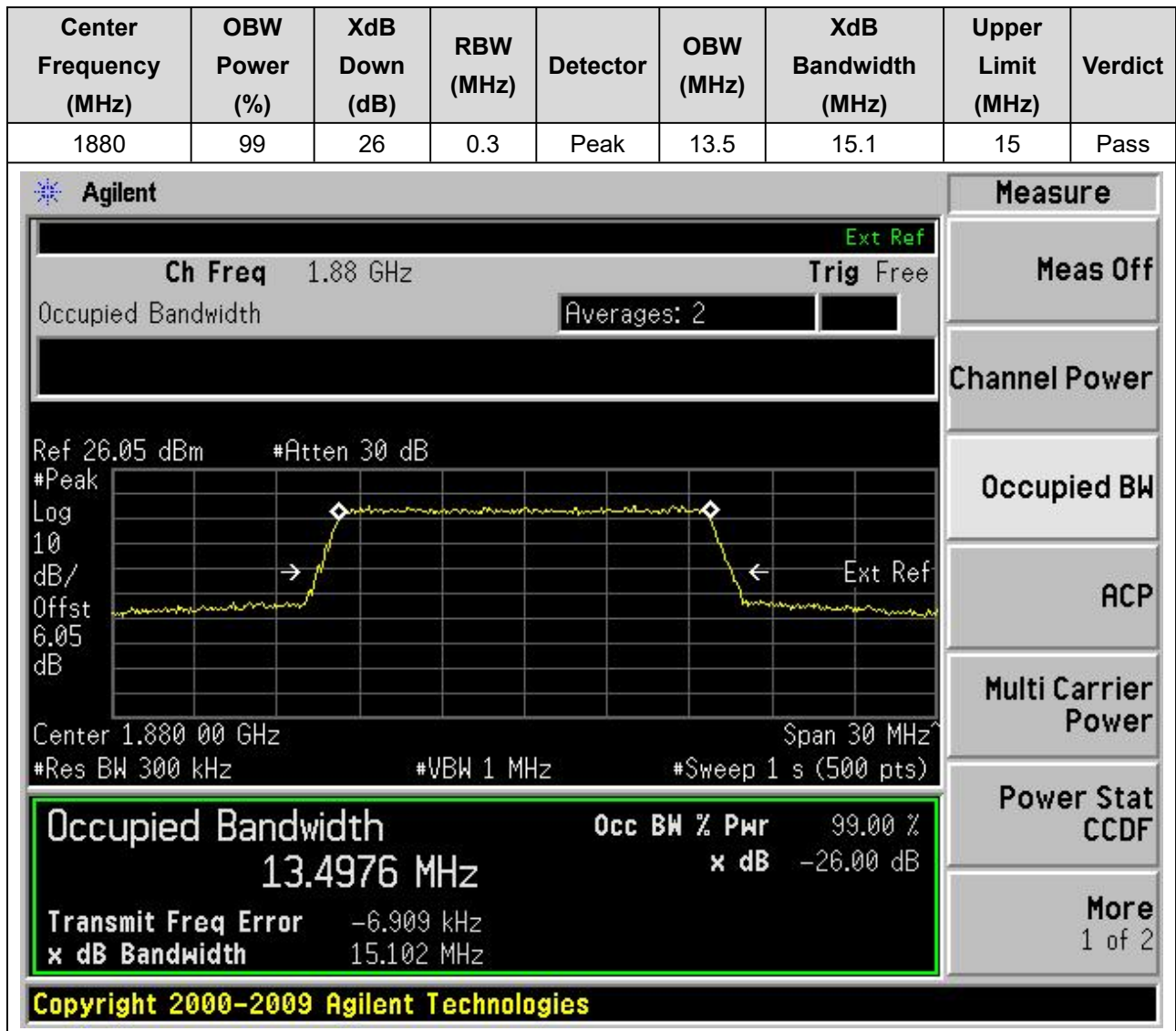


1.27 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.3	Peak	13.44	14.87	15	Pass

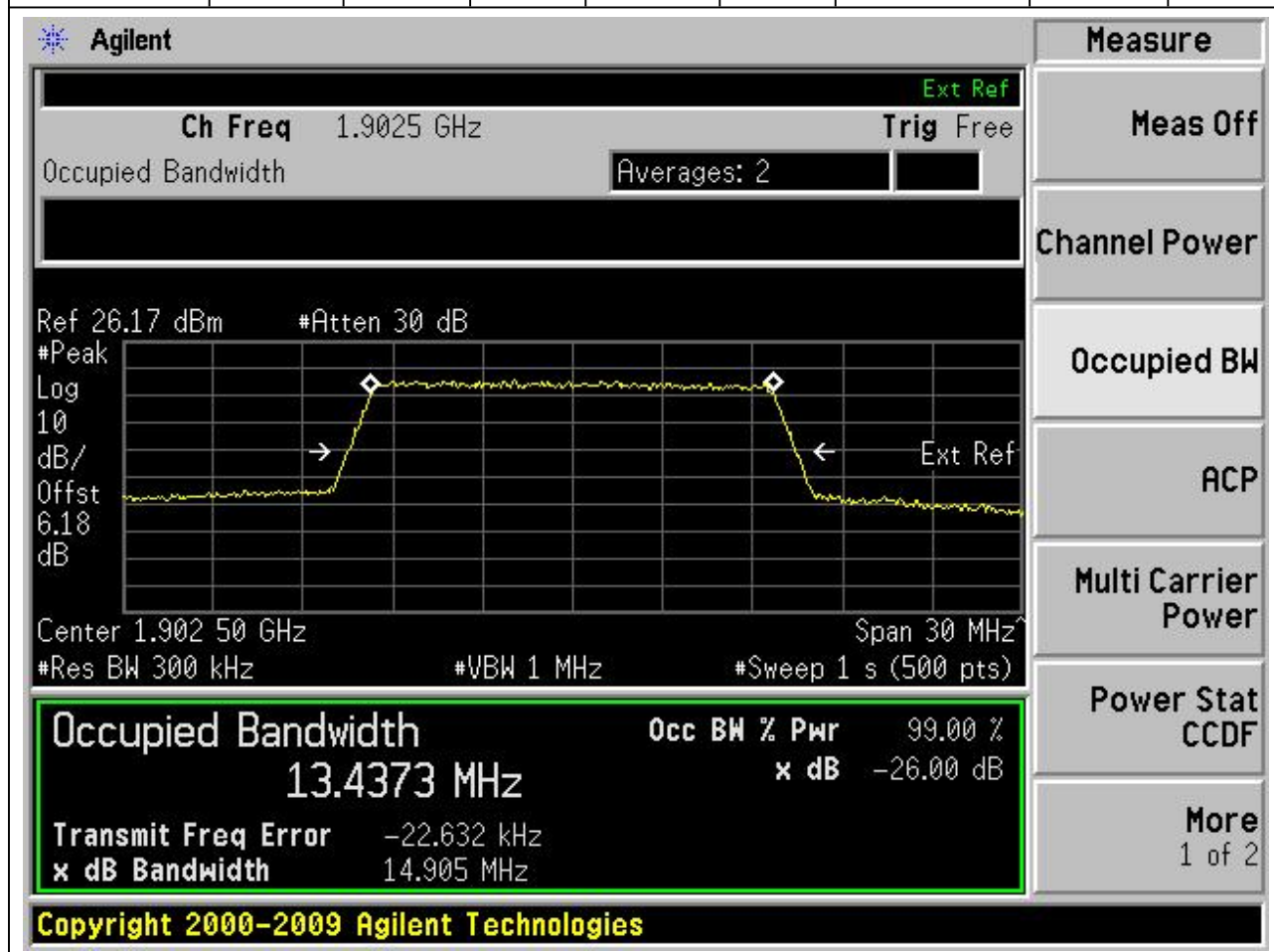


1.28 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)



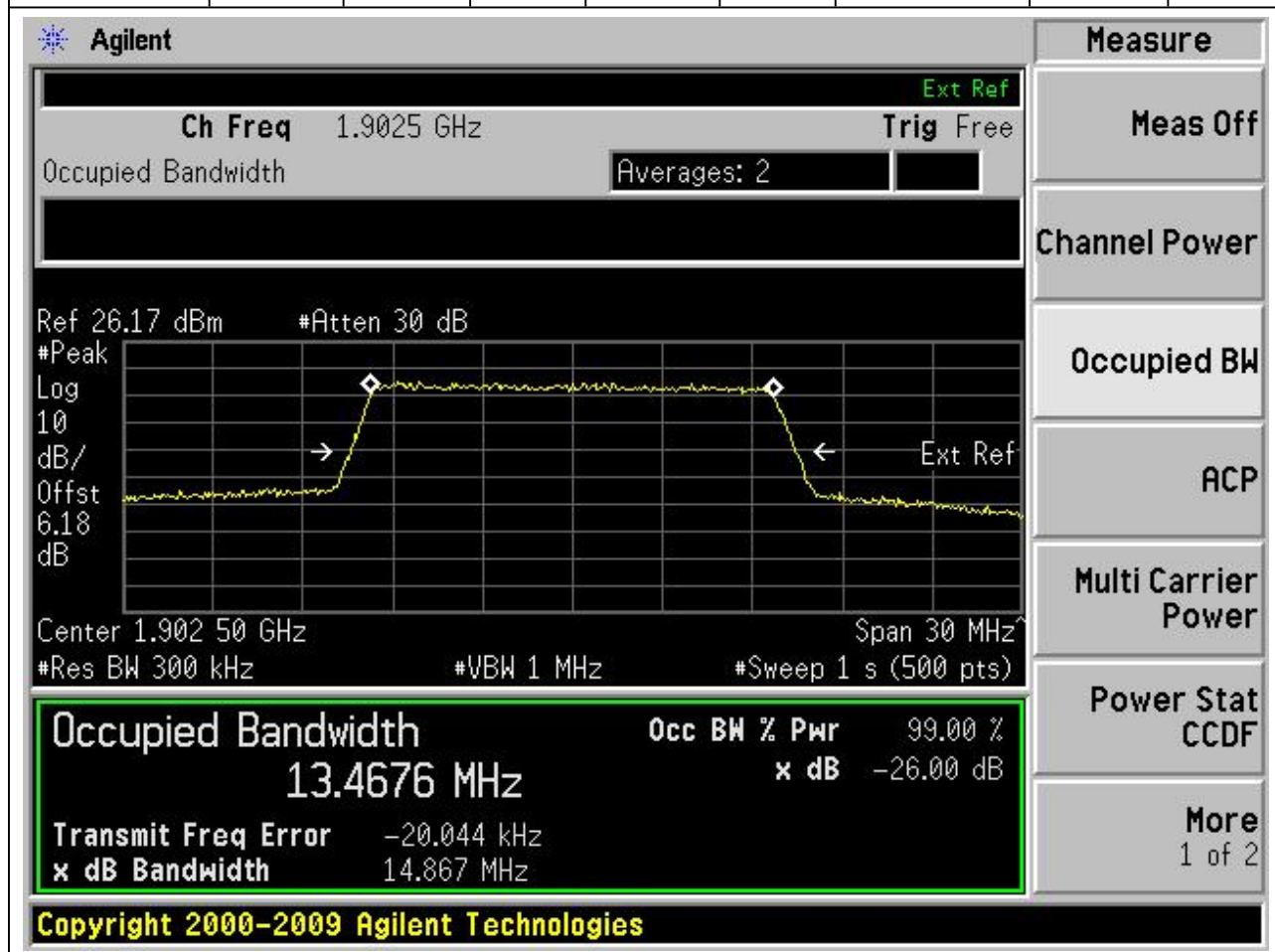
1.29 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.44	14.91	15	Pass



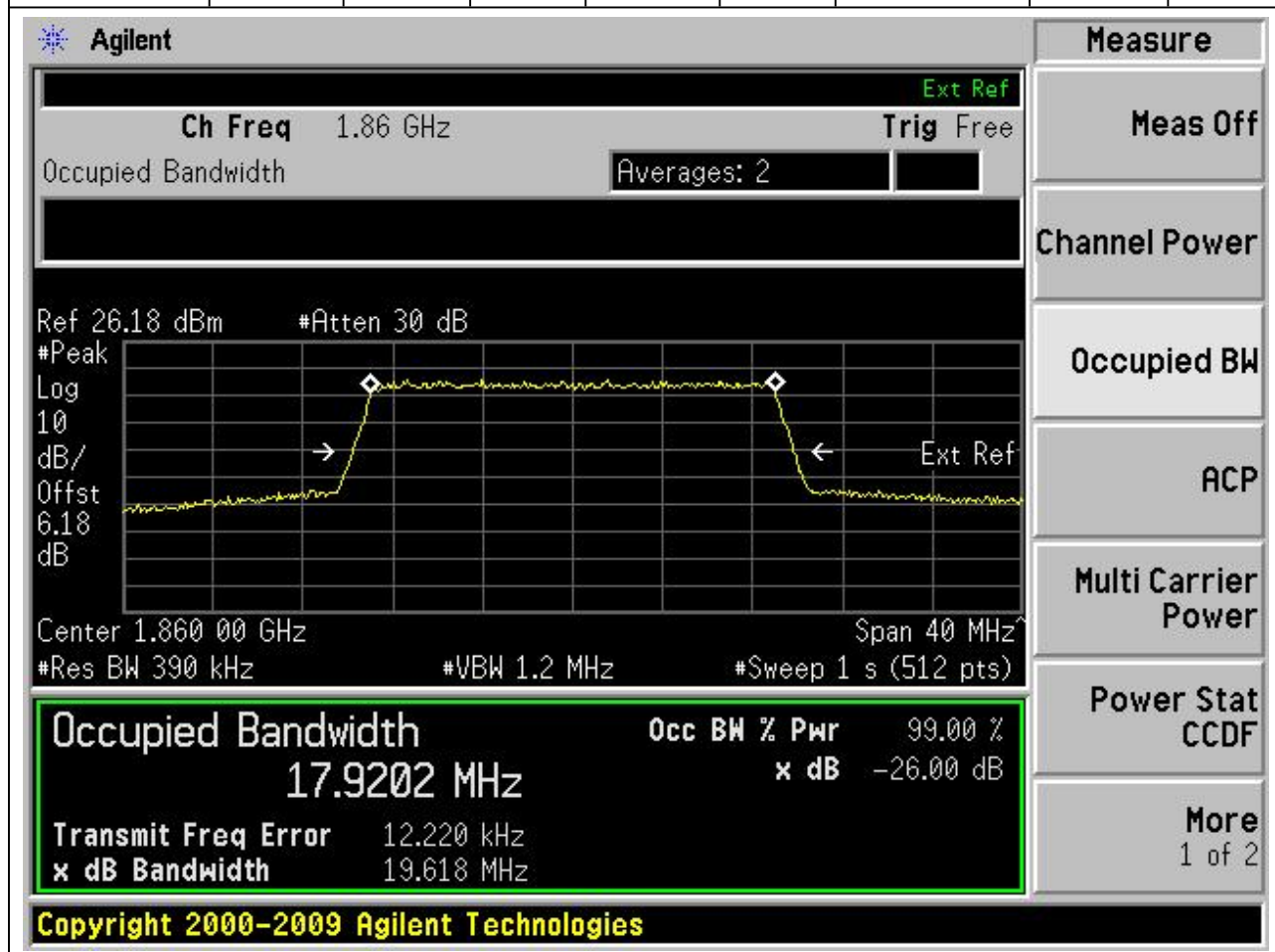
1.30 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1902.5	99	26	0.3	Peak	13.47	14.87	15	Pass

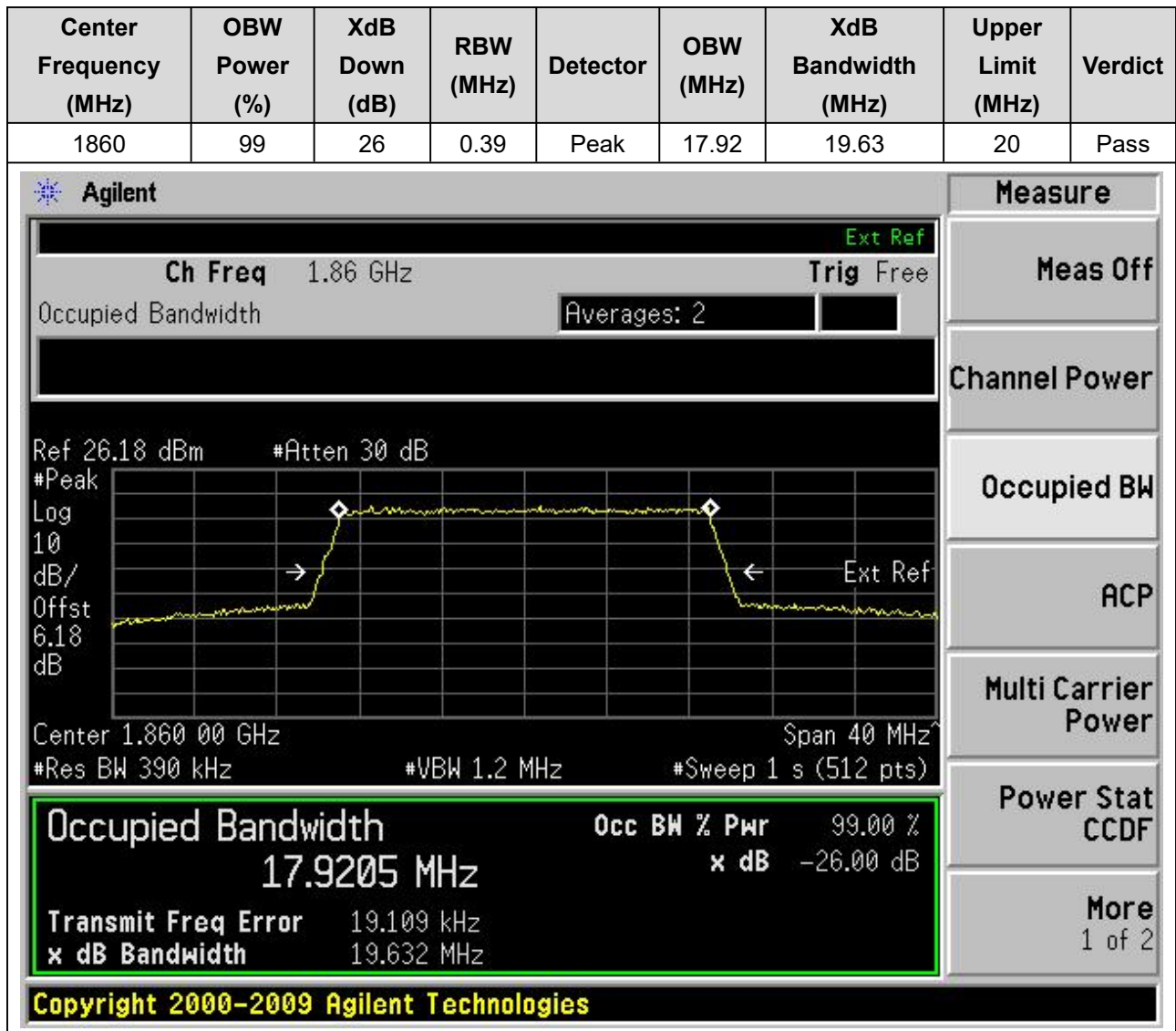


1.31 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

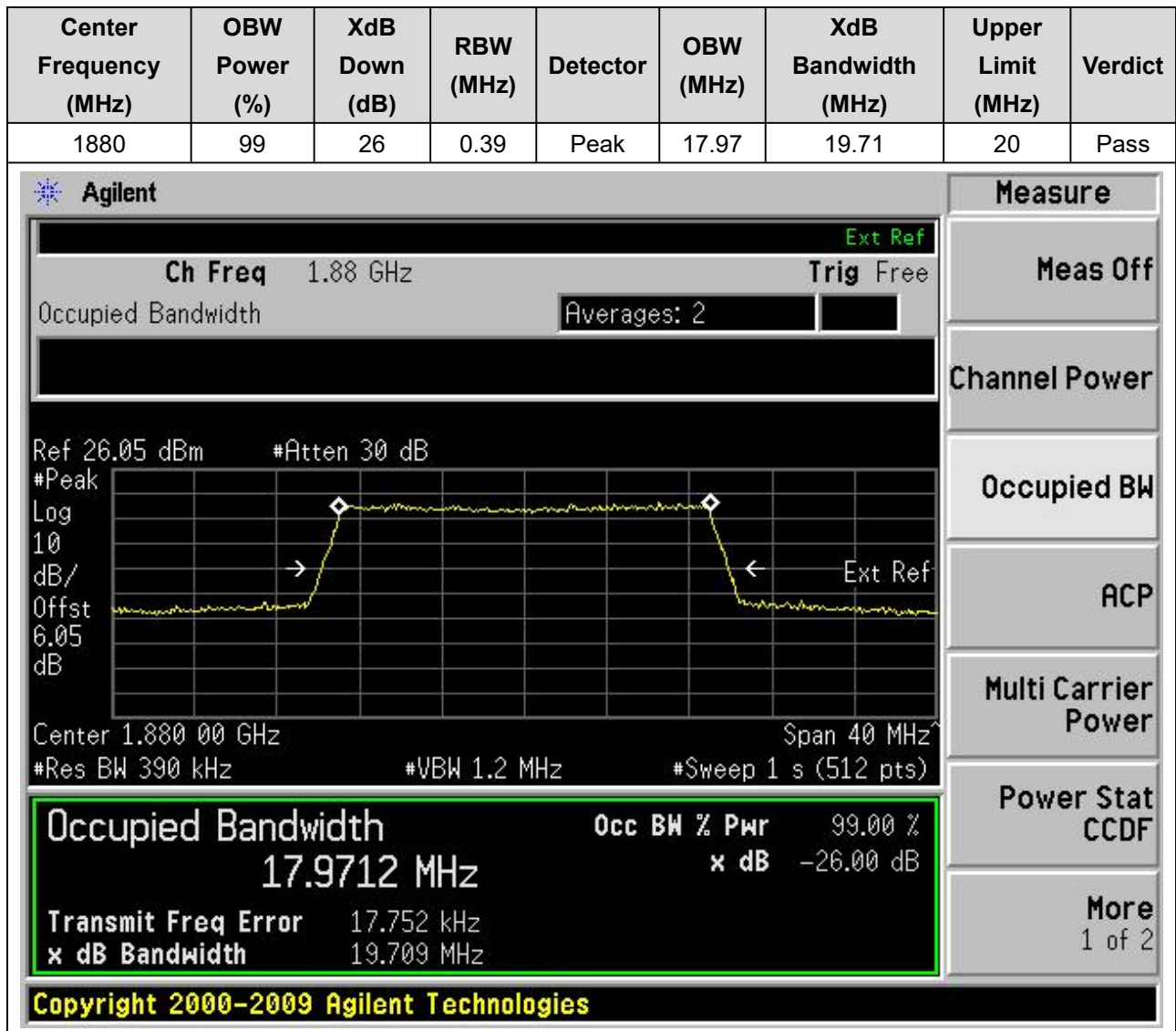
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1860	99	26	0.39	Peak	17.92	19.62	20	Pass



1.32 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

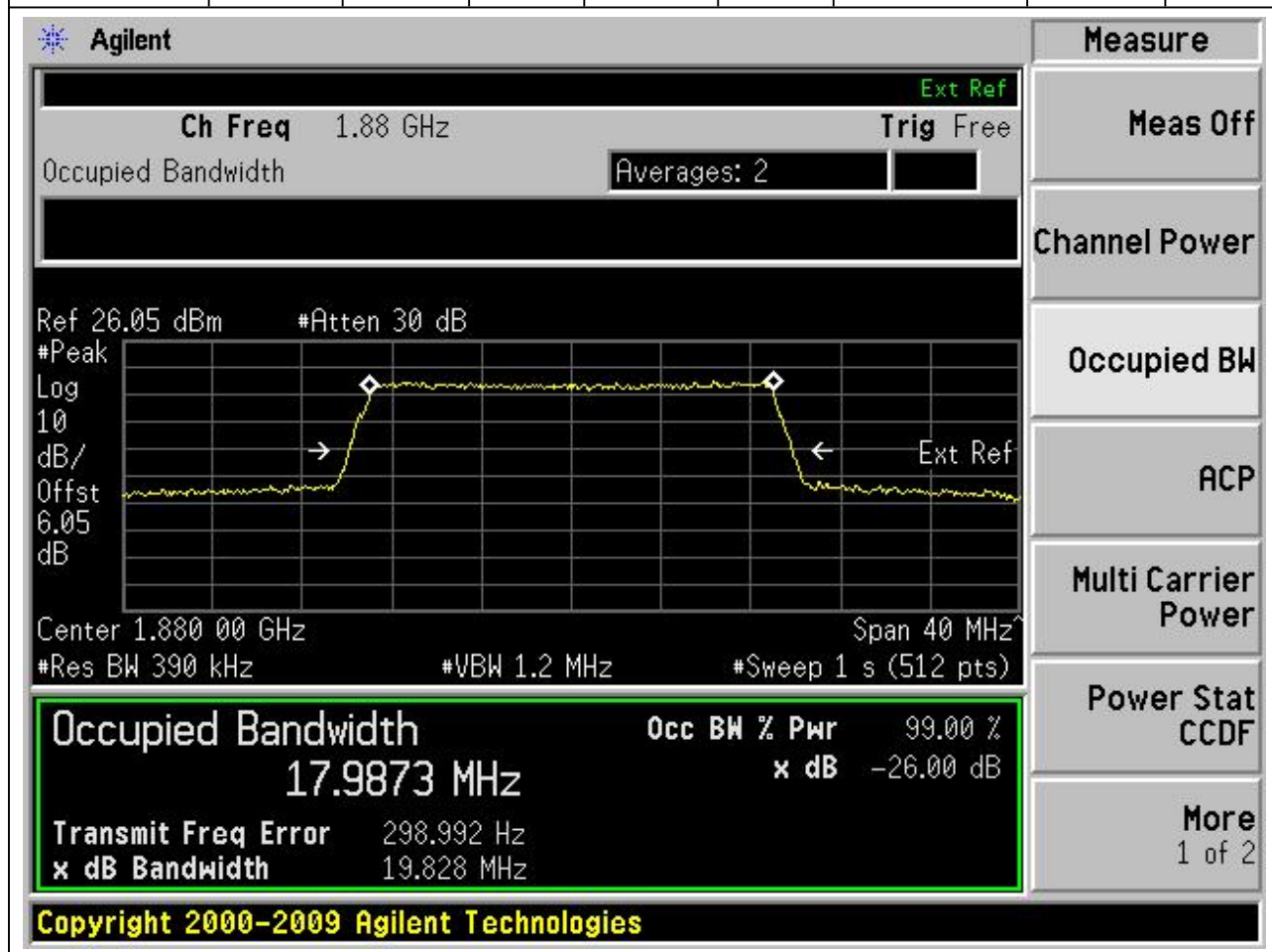


1.33 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



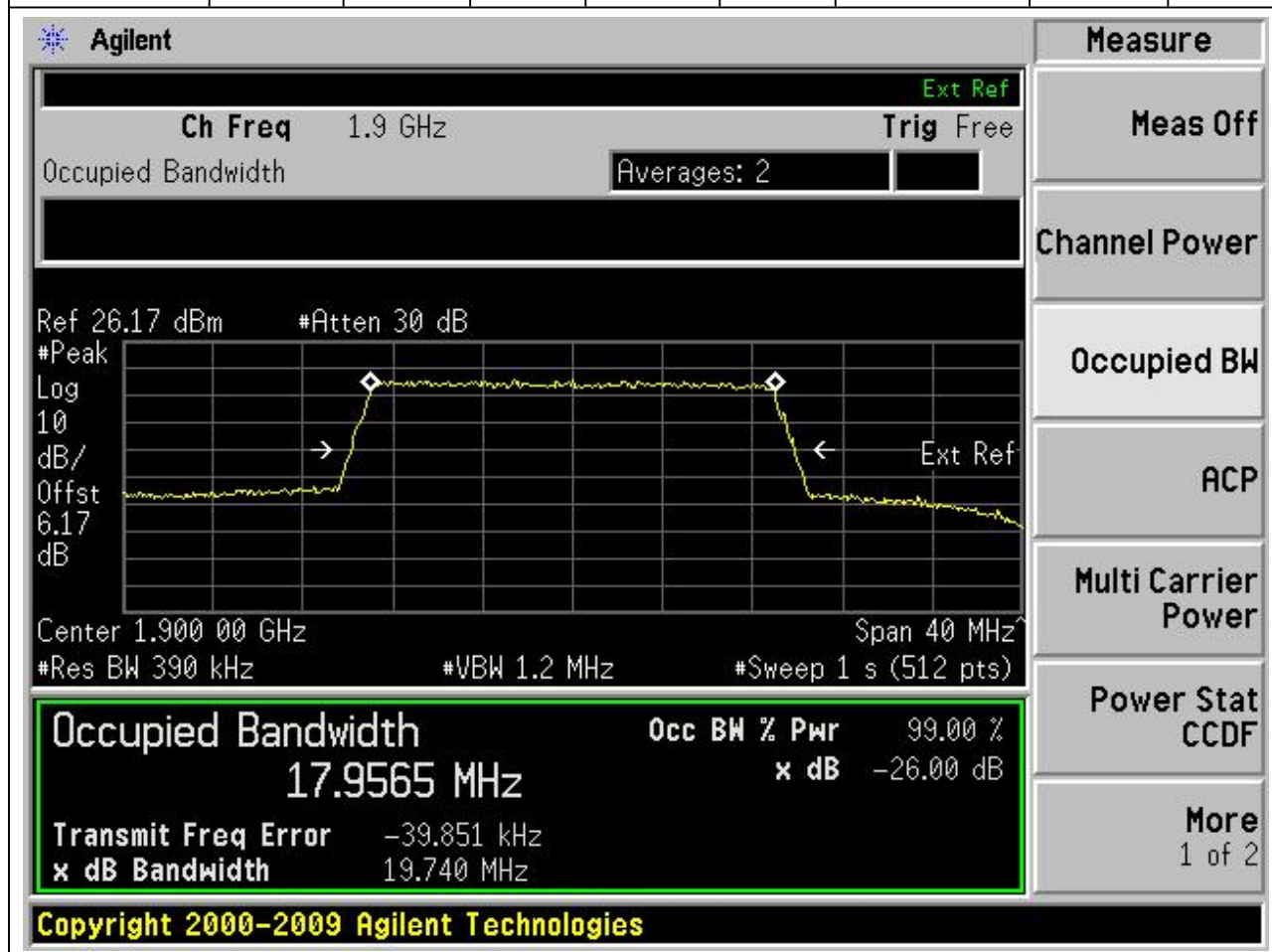
1.34 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1880	99	26	0.39	Peak	17.99	19.83	20	Pass

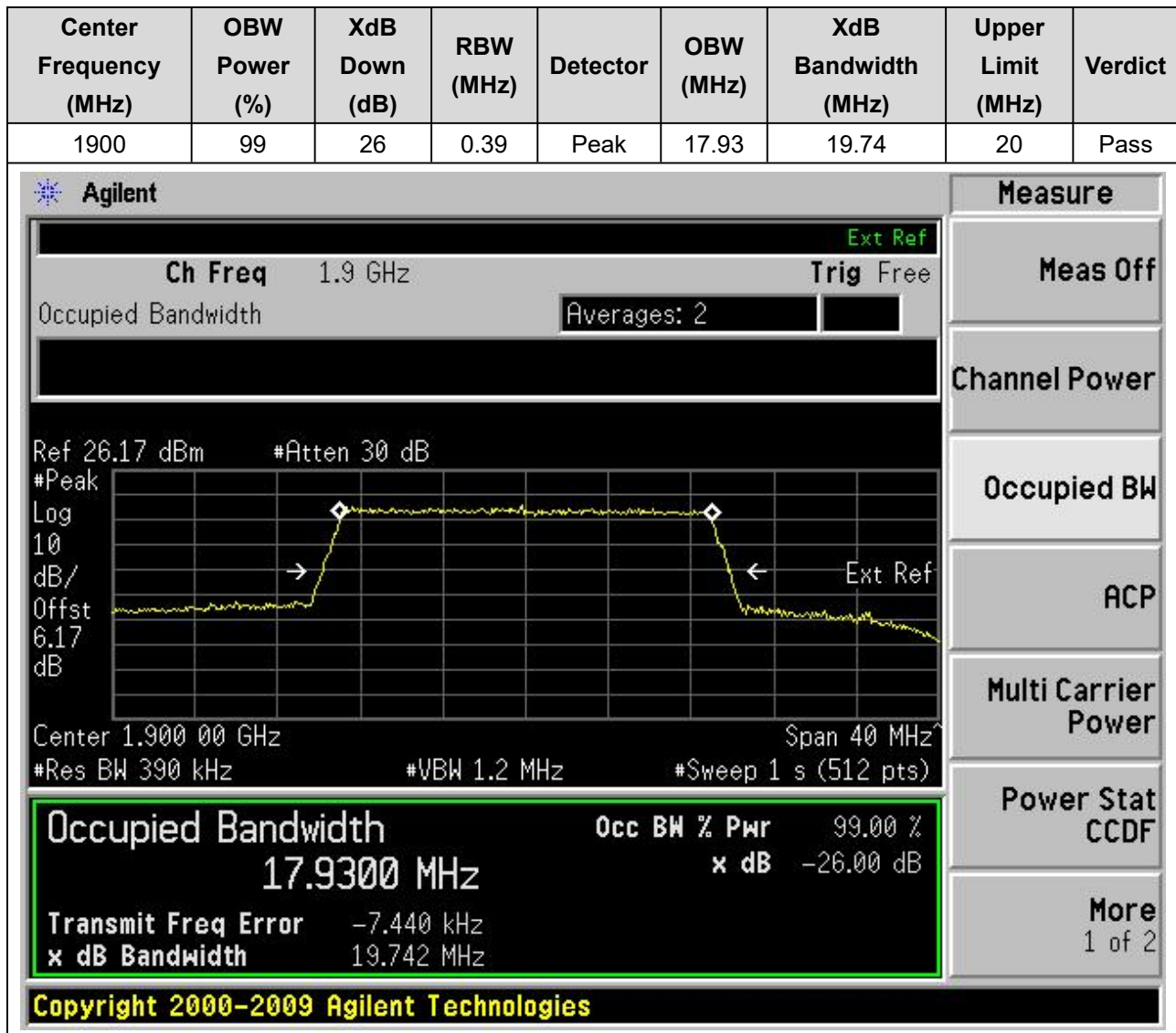


1.35 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1900	99	26	0.39	Peak	17.96	19.74	20	Pass

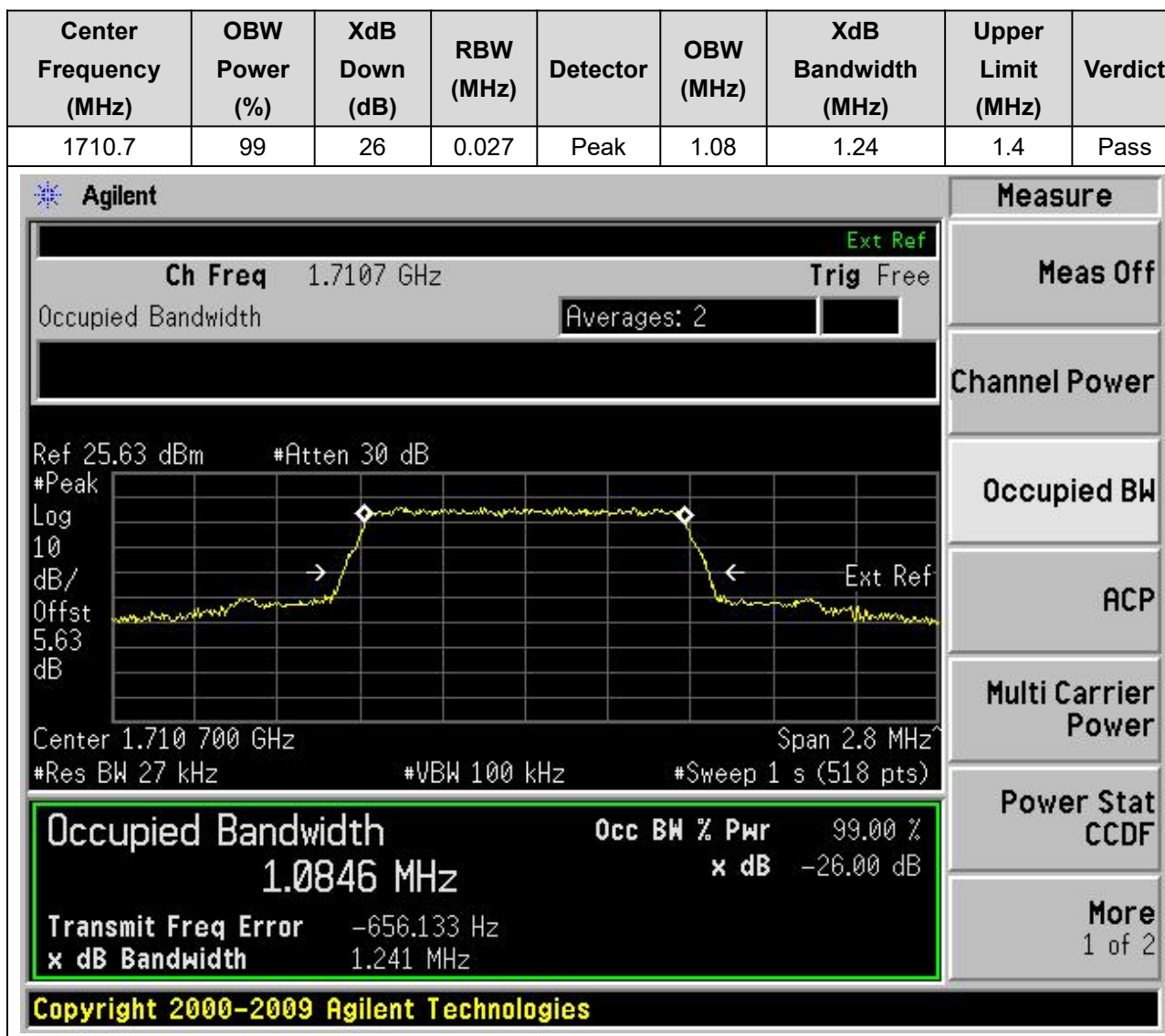


1.36 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



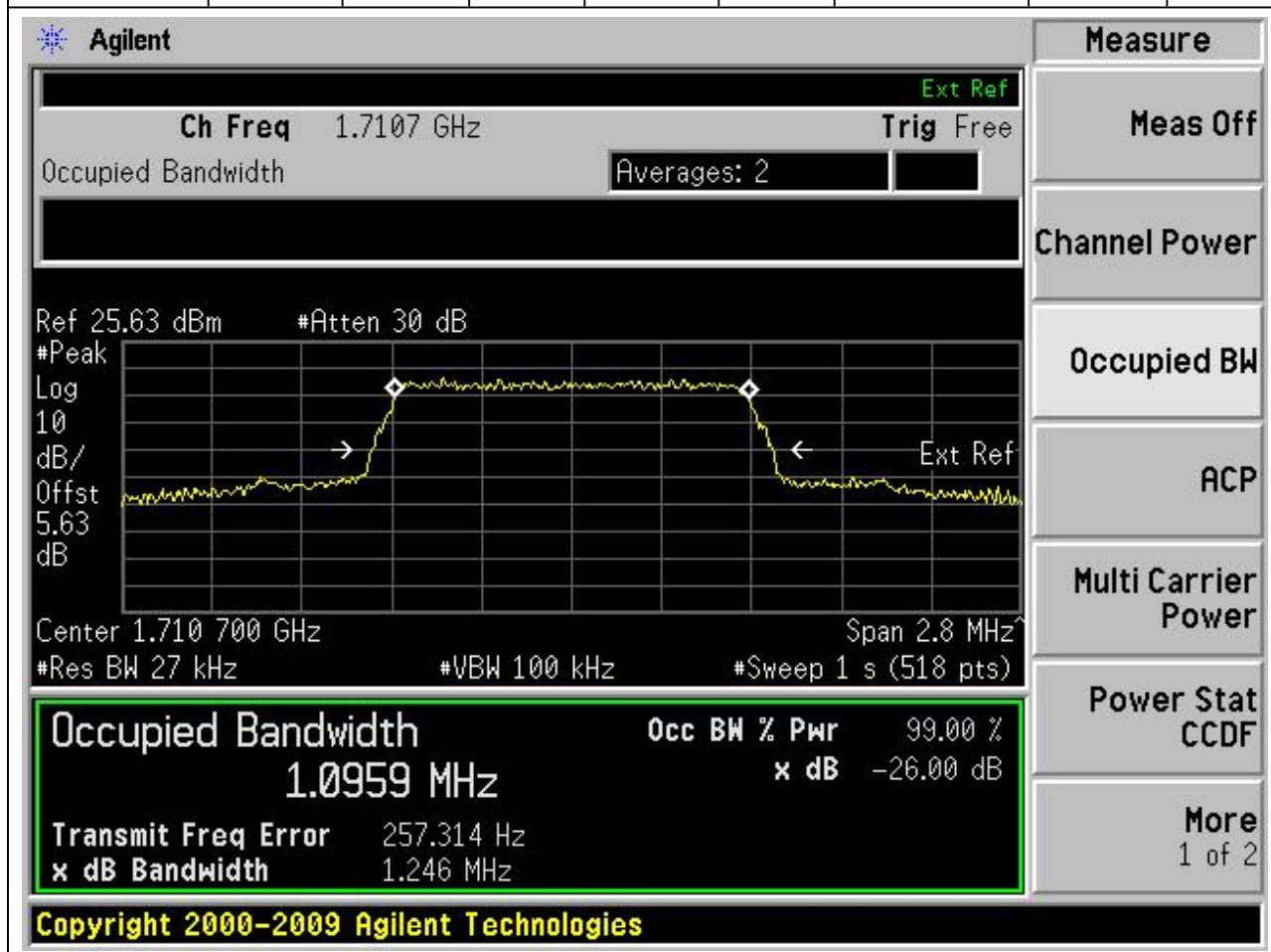
2. LTE_Band4

2.1 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



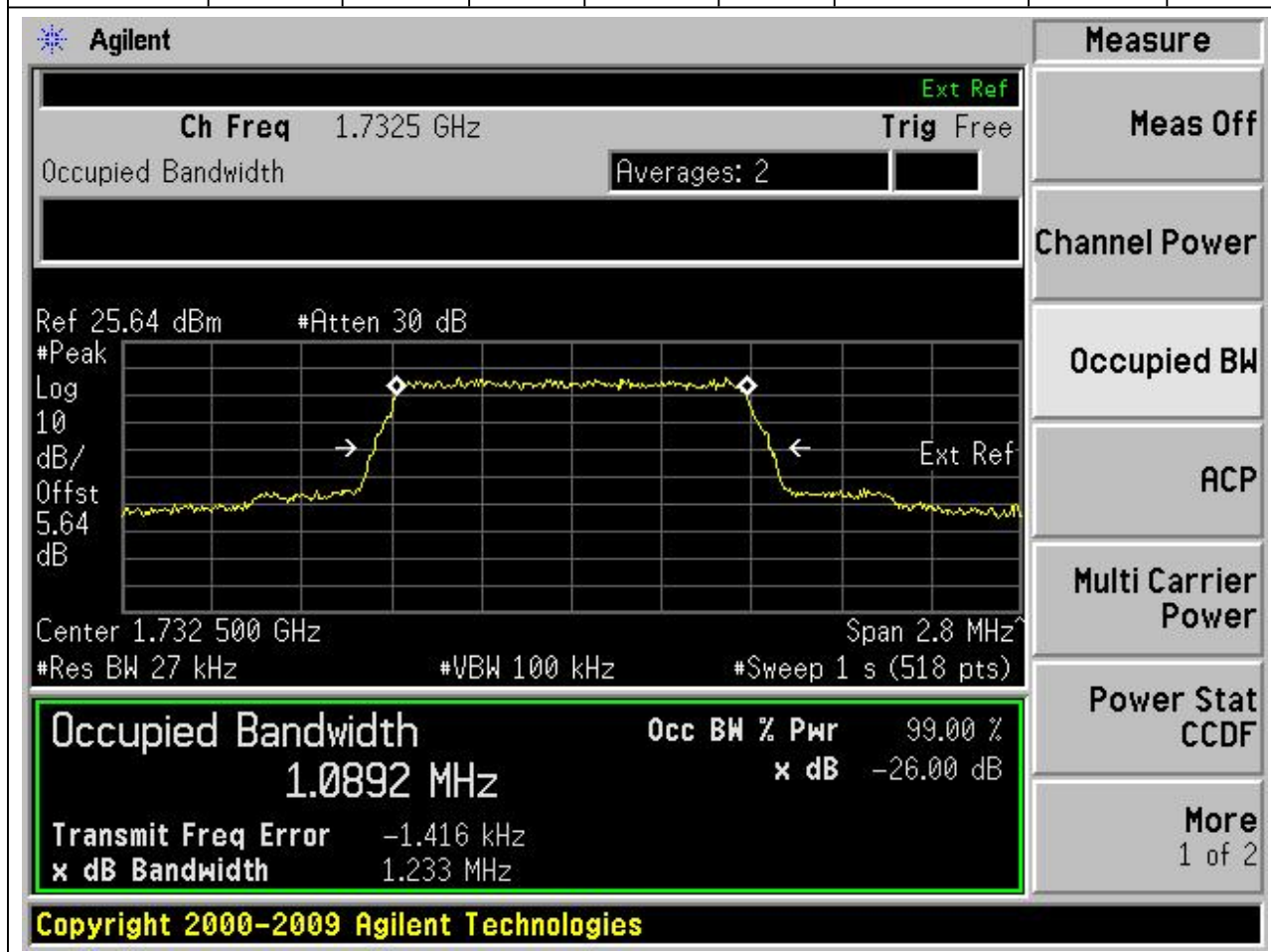
2.2 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.1	1.25	1.4	Pass



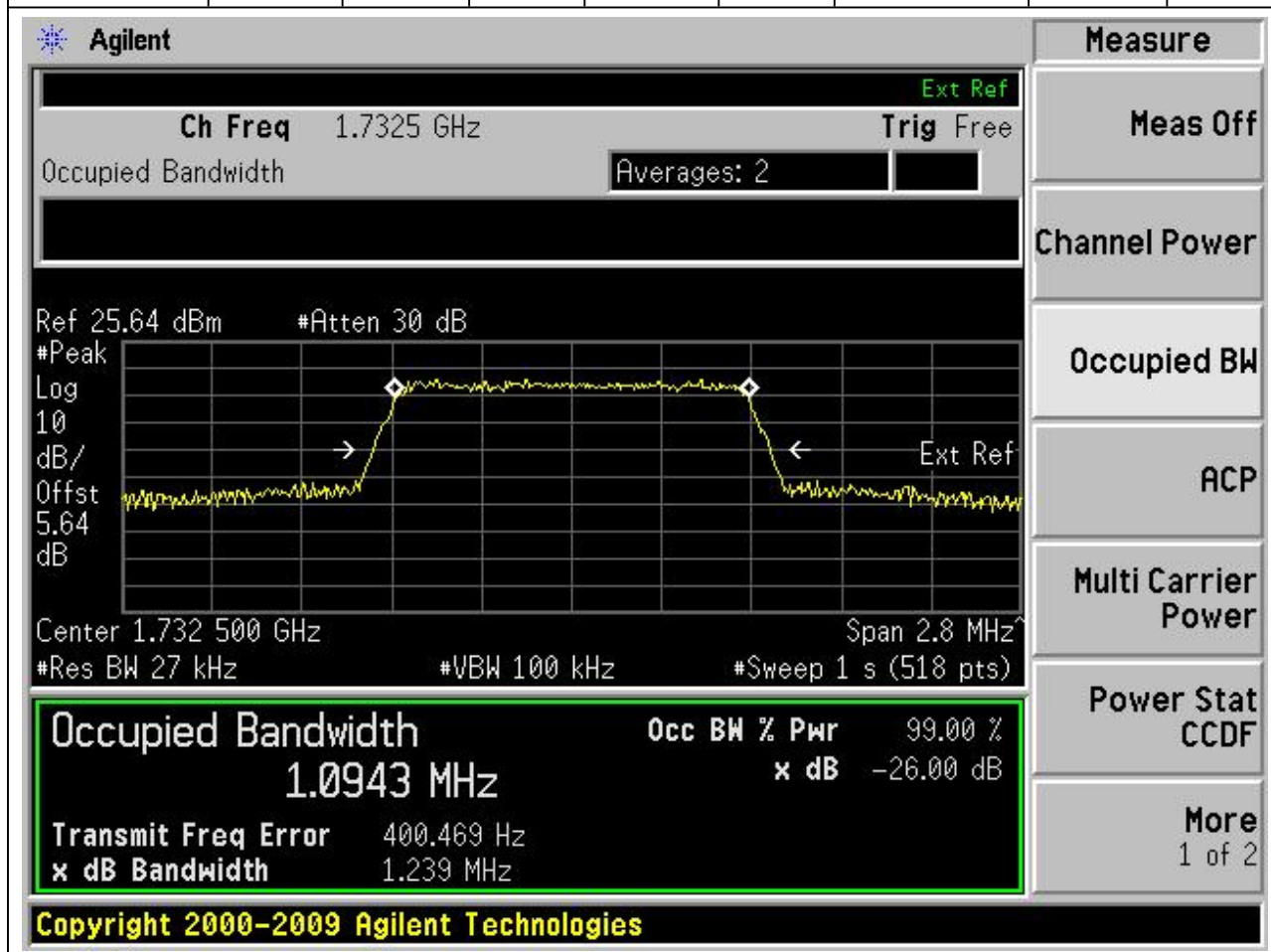
2.3 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.09	1.23	1.4	Pass

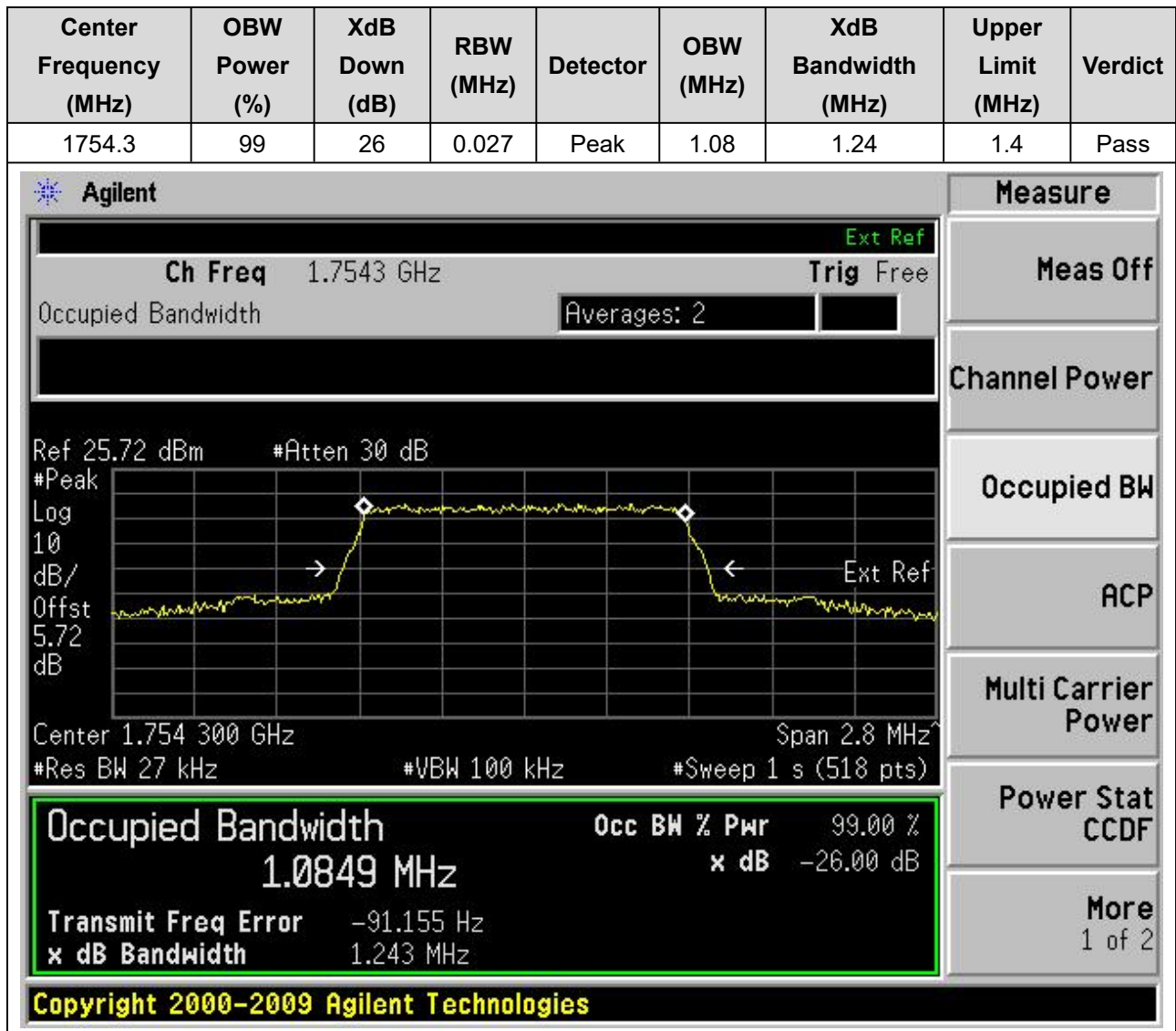


2.4 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:20175, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.09	1.24	1.4	Pass

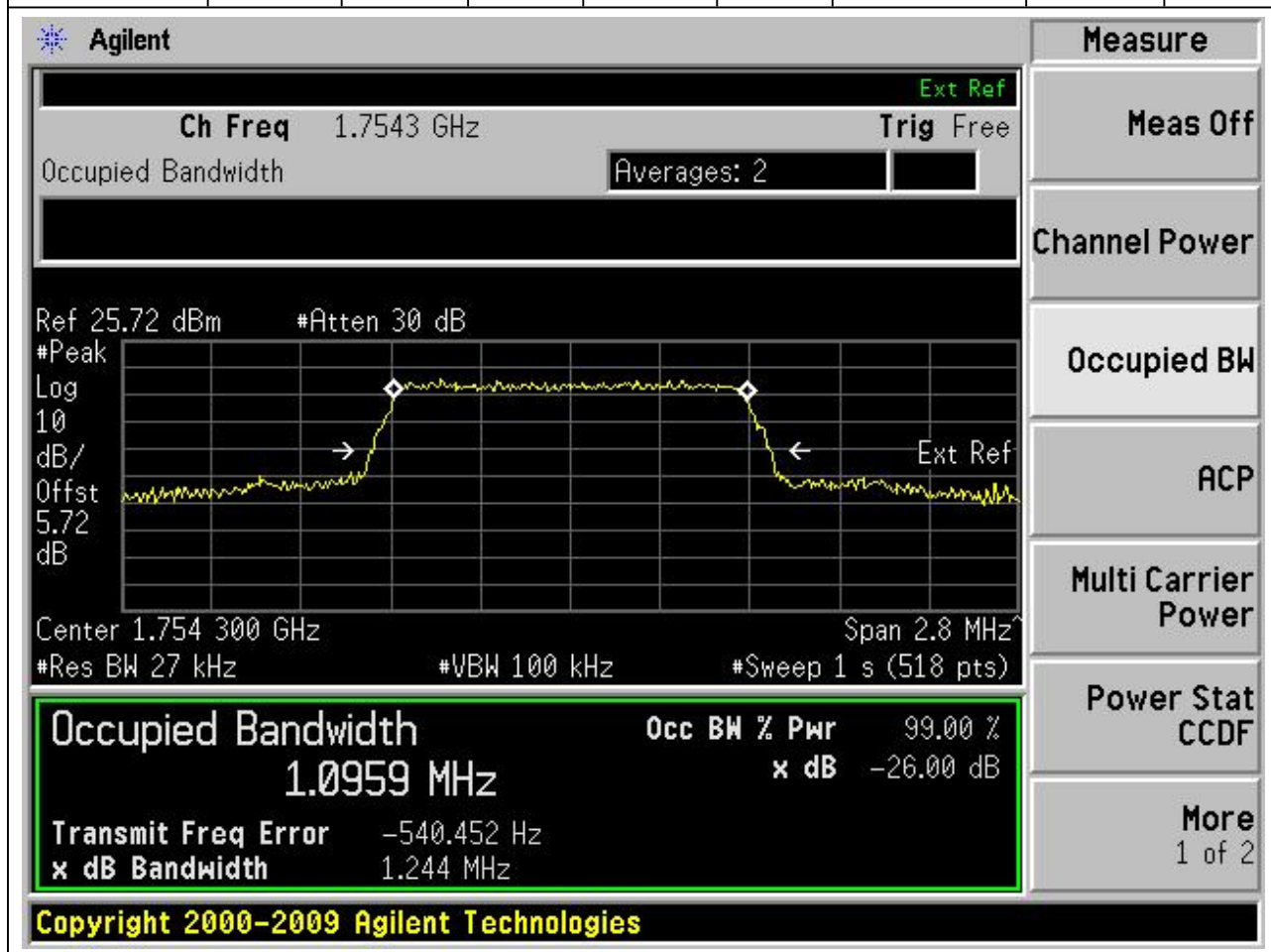


2.5 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



2.6 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:20393, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.1	1.24	1.4	Pass



2.7 LTE Occupied Bandwidth_Part22-24-27(NTNV)(Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.72	3.05	3	Pass

