

Occupied Bandwidth

GSM and WCDMA Mode Test Data

Test Band	Test Channel	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
GSM 850	LCH	0.243	0.31	PASS
	MCH	0.242	0.304	PASS
	HCH	0.243	0.308	PASS
GSM 1900	LCH	0.242	0.302	PASS
	MCH	0.247	0.297	PASS
	HCH	0.244	0.31	PASS
GPRS 850	LCH	0.241	0.312	PASS
	MCH	0.241	0.313	PASS
	HCH	0.243	0.318	PASS
GPRS 1900	LCH	0.241	0.31	PASS
	MCH	0.244	0.312	PASS
	HCH	0.243	0.311	PASS
EGPRS 850	LCH	0.243	0.305	PASS
	MCH	0.242	0.302	PASS
	HCH	0.239	0.302	PASS
EGPRS 1900	LCH	0.243	0.302	PASS
	MCH	0.24	0.306	PASS
	HCH	0.243	0.31	PASS
WCDMA Band 2	LCH	4.132	4.687	PASS
	MCH	4.14	4.685	PASS
	HCH	4.134	4.682	PASS
WCDMA Band 4	LCH	4.142	4.694	PASS
	MCH	4.14	4.678	PASS
	HCH	4.146	4.693	PASS
WCDMA Band 5	LCH	4.145	4.683	PASS
	MCH	4.138	4.677	PASS
	HCH	4.131	4.675	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	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.08	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-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	3.03	PASS
			64-QAM	RB15#0	2.72	3.04	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.7	2.98	PASS
			64-QAM	RB15#0	2.7	3.03	PASS
		HCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.72	3.07	PASS
			64-QAM	RB15#0	2.71	3.04	PASS
	5 MHz	LCH	QPSK	RB25#0	4.5	4.96	PASS
			16-QAM	RB25#0	4.5	4.98	PASS
			64-QAM	RB25#0	4.49	4.98	PASS
		MCH	QPSK	RB25#0	4.5	5.01	PASS
			16-QAM	RB25#0	4.52	4.98	PASS
			64-QAM	RB25#0	4.51	4.99	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.51	5	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
	10 MHz	LCH	QPSK	RB50#0	8.97	9.86	PASS
			16-QAM	RB50#0	8.97	9.91	PASS
			64-QAM	RB50#0	8.96	9.9	PASS
		MCH	QPSK	RB50#0	8.97	9.89	PASS
			16-QAM	RB50#0	8.97	9.88	PASS
			64-QAM	RB50#0	8.96	9.92	PASS
		HCH	QPSK	RB50#0	8.97	9.88	PASS
			16-QAM	RB50#0	8.97	9.94	PASS
			64-QAM	RB50#0	8.98	9.86	PASS
	15 MHz	LCH	QPSK	RB75#0	13.46	14.91	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
			16-QAM	RB75#0	13.46	14.9	PASS
			64-QAM	RB75#0	13.42	14.91	PASS
		MCH	QPSK	RB75#0	13.42	14.85	PASS
			16-QAM	RB75#0	13.5	15.06	PASS
			64-QAM	RB75#0	13.43	14.91	PASS
		HCH	QPSK	RB75#0	13.46	14.91	PASS
			16-QAM	RB75#0	13.45	14.87	PASS
			64-QAM	RB75#0	13.47	14.82	PASS
	20 MHz	LCH	QPSK	RB100#0	17.93	19.63	PASS
			16-QAM	RB100#0	17.91	19.68	PASS
			64-QAM	RB100#0	17.9	19.69	PASS
		MCH	QPSK	RB100#0	17.95	19.69	PASS
			16-QAM	RB100#0	17.95	19.8	PASS
			64-QAM	RB100#0	17.97	19.71	PASS
		HCH	QPSK	RB100#0	17.97	19.76	PASS
			16-QAM	RB100#0	17.93	19.67	PASS
			64-QAM	RB100#0	17.94	19.61	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	1.09	1.24	PASS
			16-QAM	RB6#0	1.1	1.25	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.25	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.23	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.72	3.05	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.7	3.03	PASS
		HCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.71	3.06	PASS
			64-QAM	RB15#0	2.72	3.05	PASS
	5 MHz	LCH	QPSK	RB25#0	4.5	4.97	PASS
			16-QAM	RB25#0	4.5	4.95	PASS
			64-QAM	RB25#0	4.5	4.97	PASS
		MCH	QPSK	RB25#0	4.5	4.99	PASS
			16-QAM	RB25#0	4.51	4.98	PASS
			64-QAM	RB25#0	4.5	4.99	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.51	5.01	PASS
			64-QAM	RB25#0	4.5	5	PASS
	10 MHz	LCH	QPSK	RB50#0	8.98	9.87	PASS
			16-QAM	RB50#0	8.98	9.91	PASS
			64-QAM	RB50#0	8.97	9.91	PASS
		MCH	QPSK	RB50#0	8.96	9.9	PASS
			16-QAM	RB50#0	8.98	9.93	PASS
			64-QAM	RB50#0	8.96	9.94	PASS
		HCH	QPSK	RB50#0	8.98	9.9	PASS
			16-QAM	RB50#0	8.98	9.95	PASS
			64-QAM	RB50#0	8.99	9.89	PASS
	15 MHz	LCH	QPSK	RB75#0	13.46	14.96	PASS
			16-QAM	RB75#0	13.47	14.85	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
		MCH	64-QAM	RB75#0	13.44	14.89	PASS
			QPSK	RB75#0	13.44	14.85	PASS
			16-QAM	RB75#0	13.5	15.05	PASS
		HCH	64-QAM	RB75#0	13.44	14.97	PASS
			QPSK	RB75#0	13.46	14.92	PASS
			16-QAM	RB75#0	13.47	14.83	PASS
		LCH	64-QAM	RB75#0	13.5	14.94	PASS
			QPSK	RB100#0	17.94	19.63	PASS
			16-QAM	RB100#0	17.94	19.62	PASS
	20 MHz	MCH	64-QAM	RB100#0	17.92	19.78	PASS
			QPSK	RB100#0	17.94	19.66	PASS
			16-QAM	RB100#0	17.96	19.82	PASS
		HCH	64-QAM	RB100#0	17.93	19.72	PASS
			QPSK	RB100#0	18	19.79	PASS
			16-QAM	RB100#0	17.95	19.72	PASS
			64-QAM	RB100#0	17.96	19.69	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	1.08	1.24	PASS
			16-QAM	RB6#0	1.1	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.23	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.08	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.72	3.05	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.72	3.04	PASS
		MCH	QPSK	RB15#0	2.71	3.03	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.7	2.98	PASS
		HCH	QPSK	RB15#0	2.71	3.03	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.71	3.03	PASS
	5 MHz	LCH	QPSK	RB25#0	4.5	4.98	PASS
			16-QAM	RB25#0	4.5	4.95	PASS
			64-QAM	RB25#0	4.49	4.98	PASS
		MCH	QPSK	RB25#0	4.49	4.97	PASS
			16-QAM	RB25#0	4.51	4.97	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.5	4.99	PASS
			64-QAM	RB25#0	4.49	4.97	PASS
	10 MHz	LCH	QPSK	RB50#0	8.97	9.87	PASS
			16-QAM	RB50#0	8.97	9.91	PASS
			64-QAM	RB50#0	8.97	9.93	PASS
		MCH	QPSK	RB50#0	8.96	9.87	PASS
			16-QAM	RB50#0	8.97	9.9	PASS
			64-QAM	RB50#0	8.97	9.91	PASS
		HCH	QPSK	RB50#0	8.96	9.84	PASS
			16-QAM	RB50#0	8.96	9.91	PASS
			64-QAM	RB50#0	8.98	9.85	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	4.5	4.97	PASS
			16-QAM	RB25#0	4.5	4.94	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
		MCH	QPSK	RB25#0	4.5	5	PASS
			16-QAM	RB25#0	4.51	4.98	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
		HCH	QPSK	RB25#0	4.49	4.97	PASS
			16-QAM	RB25#0	4.51	5.01	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
	10 MHz	LCH	QPSK	RB50#0	8.98	9.88	PASS
			16-QAM	RB50#0	8.95	9.92	PASS
			64-QAM	RB50#0	8.97	9.91	PASS
		MCH	QPSK	RB50#0	8.97	9.87	PASS
			16-QAM	RB50#0	8.97	9.96	PASS
			64-QAM	RB50#0	8.96	9.93	PASS
		HCH	QPSK	RB50#0	8.98	9.92	PASS
			16-QAM	RB50#0	8.97	9.94	PASS
			64-QAM	RB50#0	8.98	9.86	PASS
	15 MHz	LCH	QPSK	RB75#0	13.45	14.9	PASS
			16-QAM	RB75#0	13.48	14.85	PASS
			64-QAM	RB75#0	13.44	14.94	PASS
		MCH	QPSK	RB75#0	13.43	14.86	PASS
			16-QAM	RB75#0	13.47	15.03	PASS
			64-QAM	RB75#0	13.43	14.86	PASS
		HCH	QPSK	RB75#0	13.45	14.89	PASS
			16-QAM	RB75#0	13.47	14.89	PASS
			64-QAM	RB75#0	13.49	14.91	PASS
	20 MHz	LCH	QPSK	RB100#0	17.95	19.64	PASS
			16-QAM	RB100#0	17.94	19.64	PASS
			64-QAM	RB100#0	17.93	19.79	PASS
		MCH	QPSK	RB100#0	17.94	19.68	PASS
			16-QAM	RB100#0	17.96	19.84	PASS
			64-QAM	RB100#0	17.95	19.76	PASS
		HCH	QPSK	RB100#0	17.97	19.76	PASS
			16-QAM	RB100#0	17.92	19.72	PASS
			64-QAM	RB100#0	17.93	19.6	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.23	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.23	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.72	3.05	PASS
			16-QAM	RB15#0	2.71	3.03	PASS
			64-QAM	RB15#0	2.72	3.04	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-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
			64-QAM	RB15#0	2.71	3.04	PASS
	5 MHz	LCH	QPSK	RB25#0	4.5	4.97	PASS
			16-QAM	RB25#0	4.5	4.96	PASS
			64-QAM	RB25#0	4.49	4.97	PASS
		MCH	QPSK	RB25#0	4.5	5	PASS
			16-QAM	RB25#0	4.51	4.99	PASS
			64-QAM	RB25#0	4.5	4.97	PASS
		HCH	QPSK	RB25#0	4.5	4.96	PASS
			16-QAM	RB25#0	4.5	4.98	PASS
			64-QAM	RB25#0	4.5	4.99	PASS
	10 MHz	LCH	QPSK	RB50#0	8.97	9.92	PASS
			16-QAM	RB50#0	8.97	9.92	PASS
			64-QAM	RB50#0	8.97	9.94	PASS
		MCH	QPSK	RB50#0	8.95	9.84	PASS
			16-QAM	RB50#0	8.98	9.9	PASS
			64-QAM	RB50#0	8.97	9.9	PASS
		HCH	QPSK	RB50#0	8.97	9.9	PASS
			16-QAM	RB50#0	8.97	9.91	PASS
			64-QAM	RB50#0	8.97	9.86	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 17	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	PASS
			16-QAM	RB25#0	4.5	4.96	PASS
			64-QAM	RB25#0	4.5	4.97	PASS
		MCH	QPSK	RB25#0	4.49	4.97	PASS
			16-QAM	RB25#0	4.51	4.99	PASS
			64-QAM	RB25#0	4.5	4.99	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.51	5	PASS
			64-QAM	RB25#0	4.5	4.97	PASS
	10 MHz	LCH	QPSK	RB50#0	8.98	9.87	PASS
			16-QAM	RB50#0	8.99	9.91	PASS
			64-QAM	RB50#0	8.97	9.94	PASS
		MCH	QPSK	RB50#0	8.95	9.86	PASS
			16-QAM	RB50#0	8.96	9.86	PASS
			64-QAM	RB50#0	8.96	9.87	PASS
		HCH	QPSK	RB50#0	8.97	9.88	PASS
			16-QAM	RB50#0	8.96	9.92	PASS
			64-QAM	RB50#0	8.96	9.88	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 26(Part 22)	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.08	1.23	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.71	3.04	PASS
		MCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.7	3.04	PASS
			64-QAM	RB15#0	2.7	3.03	PASS
		HCH	QPSK	RB15#0	2.71	3.02	PASS
			16-QAM	RB15#0	2.71	3.05	PASS
			64-QAM	RB15#0	2.71	3.04	PASS
	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	PASS
			16-QAM	RB25#0	4.5	4.95	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
		MCH	QPSK	RB25#0	4.49	5	PASS
			16-QAM	RB25#0	4.51	4.99	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.5	4.99	PASS
			64-QAM	RB25#0	4.49	4.97	PASS
	10 MHz	LCH	QPSK	RB50#0	8.98	9.87	PASS
			16-QAM	RB50#0	8.96	9.91	PASS
			64-QAM	RB50#0	8.97	9.91	PASS
		MCH	QPSK	RB50#0	8.97	9.87	PASS
			16-QAM	RB50#0	8.97	9.88	PASS
			64-QAM	RB50#0	8.96	9.92	PASS
		HCH	QPSK	RB50#0	8.96	9.86	PASS
			16-QAM	RB50#0	8.95	9.9	PASS
			64-QAM	RB50#0	8.97	9.85	PASS
	15 MHz	LCH	QPSK	RB75#0	13.44	14.97	PASS
			16-QAM	RB75#0	13.46	14.84	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
			64-QAM	RB75#0	13.43	14.95	PASS
		MCH	QPSK	RB75#0	13.43	14.84	PASS
			16-QAM	RB75#0	13.47	15.06	PASS
			64-QAM	RB75#0	13.44	14.98	PASS
		HCH	QPSK	RB75#0	13.45	14.98	PASS
			16-QAM	RB75#0	13.46	14.86	PASS
			64-QAM	RB75#0	13.48	14.87	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 26(Part 90)	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.09	1.25	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.08	1.23	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.23	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.71	3.03	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.71	3.04	PASS
		MCH	QPSK	RB15#0	2.72	3.02	PASS
			16-QAM	RB15#0	2.7	3.04	PASS
			64-QAM	RB15#0	2.7	3.04	PASS
		HCH	QPSK	RB15#0	2.71	3.04	PASS
			16-QAM	RB15#0	2.71	3.05	PASS
			64-QAM	RB15#0	2.71	3.05	PASS
	5 MHz	LCH	QPSK	RB25#0	4.51	4.98	PASS
			16-QAM	RB25#0	4.5	4.95	PASS
			64-QAM	RB25#0	4.49	4.97	PASS
		MCH	QPSK	RB25#0	4.5	5.01	PASS
			16-QAM	RB25#0	4.51	4.98	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
		HCH	QPSK	RB25#0	4.49	4.96	PASS
			16-QAM	RB25#0	4.51	4.99	PASS
			64-QAM	RB25#0	4.5	4.98	PASS
	10 MHz	MCH	QPSK	RB50#0	8.97	9.87	PASS
			16-QAM	RB50#0	8.96	9.9	PASS
			64-QAM	RB50#0	8.97	9.91	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	4.98	PASS
			16-QAM	RB25#0	4.52	5.2	PASS
			64-QAM	RB25#0	4.53	5.09	PASS
		MCH	QPSK	RB25#0	4.5	5.03	PASS
			16-QAM	RB25#0	4.49	5.01	PASS
			64-QAM	RB25#0	4.51	5.15	PASS
		HCH	QPSK	RB25#0	4.49	5.13	PASS
			16-QAM	RB25#0	4.5	5.12	PASS
			64-QAM	RB25#0	4.51	5.02	PASS
	10 MHz	LCH	QPSK	RB50#0	8.99	9.9	PASS
			16-QAM	RB50#0	8.99	9.96	PASS
			64-QAM	RB50#0	9	9.94	PASS
		MCH	QPSK	RB50#0	9	10.37	PASS
			16-QAM	RB50#0	8.97	9.94	PASS
			64-QAM	RB50#0	9	9.95	PASS
		HCH	QPSK	RB50#0	9.02	10.04	PASS
			16-QAM	RB50#0	8.99	10.24	PASS
			64-QAM	RB50#0	9.03	10.32	PASS
	15 MHz	LCH	QPSK	RB75#0	13.52	15.03	PASS
			16-QAM	RB75#0	13.51	15.19	PASS
			64-QAM	RB75#0	13.46	14.98	PASS
		MCH	QPSK	RB75#0	13.47	15.42	PASS
			16-QAM	RB75#0	13.54	15.3	PASS
			64-QAM	RB75#0	13.51	15.26	PASS
		HCH	QPSK	RB75#0	13.48	15.57	PASS
			16-QAM	RB75#0	13.53	15.19	PASS
			64-QAM	RB75#0	13.53	15.13	PASS
	20 MHz	LCH	QPSK	RB100#0	18	19.86	PASS
			16-QAM	RB100#0	17.97	20.25	PASS
			64-QAM	RB100#0	18	21.91	PASS
		MCH	QPSK	RB100#0	17.98	19.72	PASS
			16-QAM	RB100#0	17.99	20.25	PASS
			64-QAM	RB100#0	18	20.03	PASS
		HCH	QPSK	RB100#0	17.98	20.15	PASS
			16-QAM	RB100#0	17.96	19.88	PASS
			64-QAM	RB100#0	18	20.58	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 41	5 MHz	LCH	QPSK	RB25#0	4.5	4.98	PASS
			16-QAM	RB25#0	4.52	5.23	PASS
			64-QAM	RB25#0	4.53	5.09	PASS
		MCH	QPSK	RB25#0	4.5	5.05	PASS
			16-QAM	RB25#0	4.5	5.03	PASS
			64-QAM	RB25#0	4.51	5.13	PASS
		HCH	QPSK	RB25#0	4.49	5.1	PASS
			16-QAM	RB25#0	4.51	5.11	PASS
			64-QAM	RB25#0	4.5	5.03	PASS
	10 MHz	LCH	QPSK	RB50#0	8.99	9.91	PASS
			16-QAM	RB50#0	8.98	9.95	PASS
			64-QAM	RB50#0	9	9.99	PASS
		MCH	QPSK	RB50#0	8.99	10.22	PASS
			16-QAM	RB50#0	8.96	9.93	PASS
			64-QAM	RB50#0	8.99	9.91	PASS
		HCH	QPSK	RB50#0	9.01	10.03	PASS
			16-QAM	RB50#0	9	10.31	PASS
			64-QAM	RB50#0	9.03	10.28	PASS
	15 MHz	LCH	QPSK	RB75#0	13.53	15.26	PASS
			16-QAM	RB75#0	13.51	15.32	PASS
			64-QAM	RB75#0	13.47	15.54	PASS
		MCH	QPSK	RB75#0	13.47	15.66	PASS
			16-QAM	RB75#0	13.53	15.37	PASS
			64-QAM	RB75#0	13.5	15.3	PASS
		HCH	QPSK	RB75#0	13.47	15.71	PASS
			16-QAM	RB75#0	13.55	15.83	PASS
			64-QAM	RB75#0	13.53	15.17	PASS
	20 MHz	LCH	QPSK	RB100#0	18.02	20.53	PASS
			16-QAM	RB100#0	17.98	20.19	PASS
			64-QAM	RB100#0	17.97	20.7	PASS
		MCH	QPSK	RB100#0	17.97	20.06	PASS
			16-QAM	RB100#0	17.98	20.3	PASS
			64-QAM	RB100#0	18	19.98	PASS
		HCH	QPSK	RB100#0	17.98	20.04	PASS
			16-QAM	RB100#0	17.95	19.8	PASS
			64-QAM	RB100#0	17.97	20.31	PASS

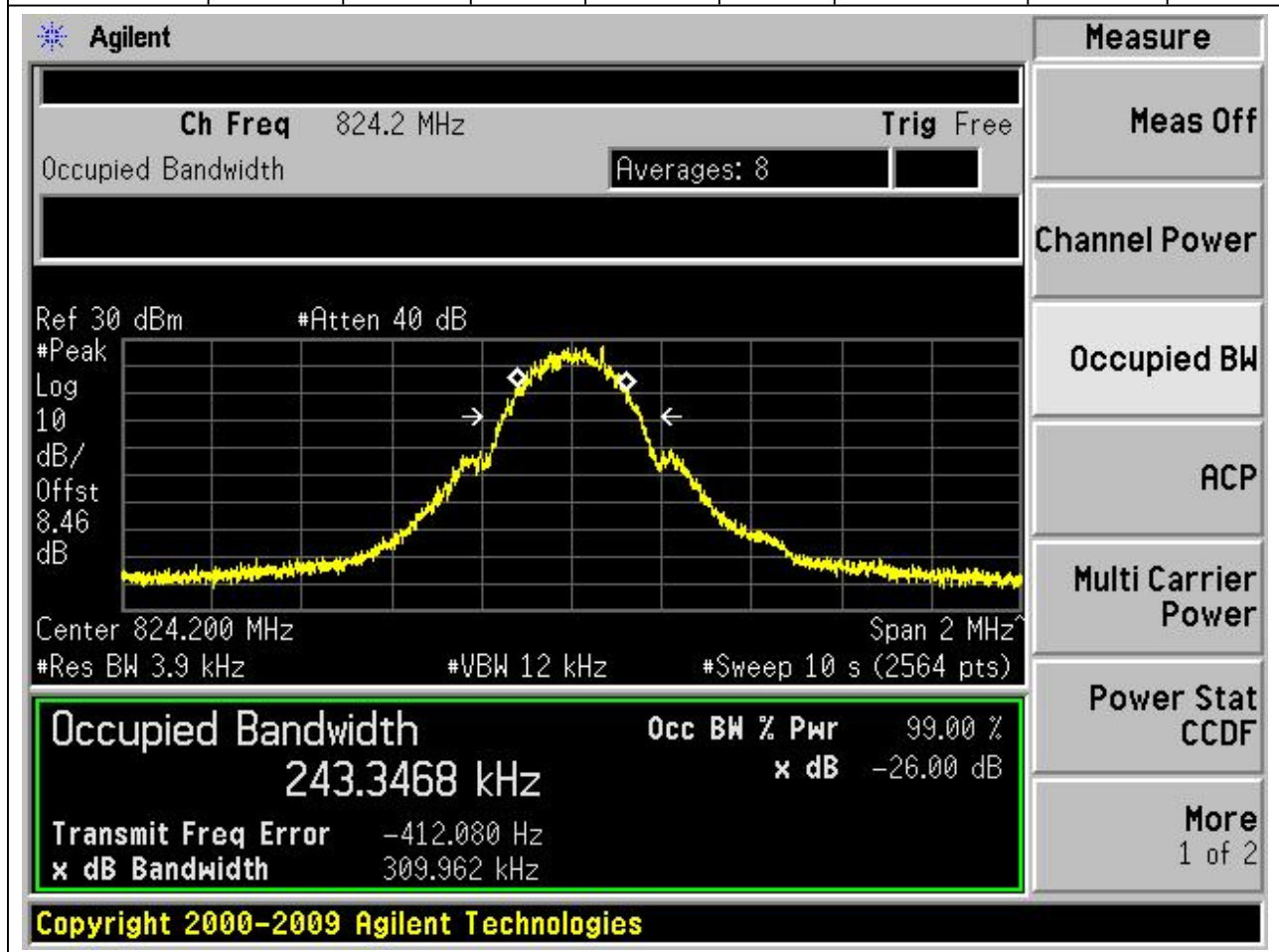
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.24	PASS
			16-QAM	RB6#0	1.1	1.25	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		MCH	QPSK	RB6#0	1.09	1.25	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
		HCH	QPSK	RB6#0	1.09	1.24	PASS
			16-QAM	RB6#0	1.09	1.24	PASS
			64-QAM	RB6#0	1.09	1.24	PASS
	3 MHz	LCH	QPSK	RB15#0	2.71	3.05	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.72	3.05	PASS
		MCH	QPSK	RB15#0	2.71	3.03	PASS
			16-QAM	RB15#0	2.71	3.04	PASS
			64-QAM	RB15#0	2.71	3.03	PASS
		HCH	QPSK	RB15#0	2.71	3.05	PASS
			16-QAM	RB15#0	2.71	3.05	PASS
			64-QAM	RB15#0	2.71	3.04	PASS
	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	PASS
			16-QAM	RB25#0	4.5	4.95	PASS
			64-QAM	RB25#0	4.49	4.99	PASS
		MCH	QPSK	RB25#0	4.5	4.96	PASS
			16-QAM	RB25#0	4.51	4.98	PASS
			64-QAM	RB25#0	4.51	4.98	PASS
		HCH	QPSK	RB25#0	4.49	4.97	PASS
			16-QAM	RB25#0	4.51	4.97	PASS
			64-QAM	RB25#0	4.5	4.97	PASS
	10 MHz	LCH	QPSK	RB50#0	8.98	9.87	PASS
			16-QAM	RB50#0	8.96	9.9	PASS
			64-QAM	RB50#0	8.98	9.94	PASS
		MCH	QPSK	RB50#0	8.97	9.89	PASS
			16-QAM	RB50#0	8.99	9.94	PASS
			64-QAM	RB50#0	8.97	9.94	PASS
		HCH	QPSK	RB50#0	8.97	9.9	PASS
			16-QAM	RB50#0	8.97	9.94	PASS
			64-QAM	RB50#0	8.98	9.84	PASS
	15 MHz	LCH	QPSK	RB75#0	13.45	14.87	PASS

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	OBW (MHz)	XdB Bandwidth (MHz)	Verdict
			16-QAM	RB75#0	13.46	14.9	PASS
			64-QAM	RB75#0	13.43	14.94	PASS
		MCH	QPSK	RB75#0	13.44	14.86	PASS
			16-QAM	RB75#0	13.5	15.07	PASS
			64-QAM	RB75#0	13.44	14.92	PASS
		HCH	QPSK	RB75#0	13.42	14.9	PASS
			16-QAM	RB75#0	13.46	14.91	PASS
			64-QAM	RB75#0	13.47	14.85	PASS
	20 MHz	LCH	QPSK	RB100#0	17.94	19.63	PASS
			16-QAM	RB100#0	17.94	19.61	PASS
			64-QAM	RB100#0	17.91	19.76	PASS
		MCH	QPSK	RB100#0	17.96	19.7	PASS
			16-QAM	RB100#0	17.98	19.83	PASS
			64-QAM	RB100#0	17.97	19.74	PASS
		HCH	QPSK	RB100#0	17.95	19.72	PASS
			16-QAM	RB100#0	17.92	19.66	PASS
			64-QAM	RB100#0	17.92	19.67	PASS

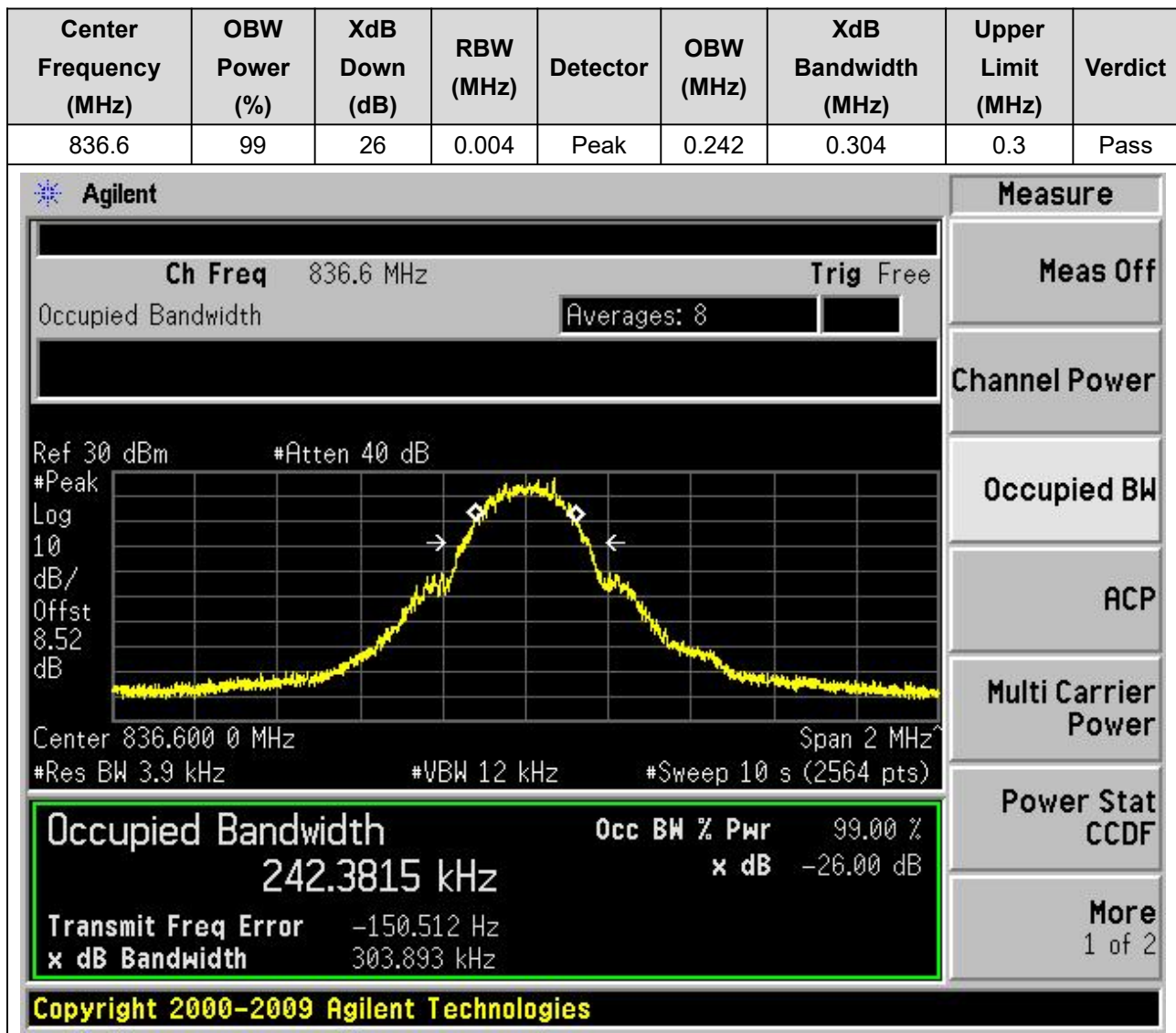
1. GSM_GSM850

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

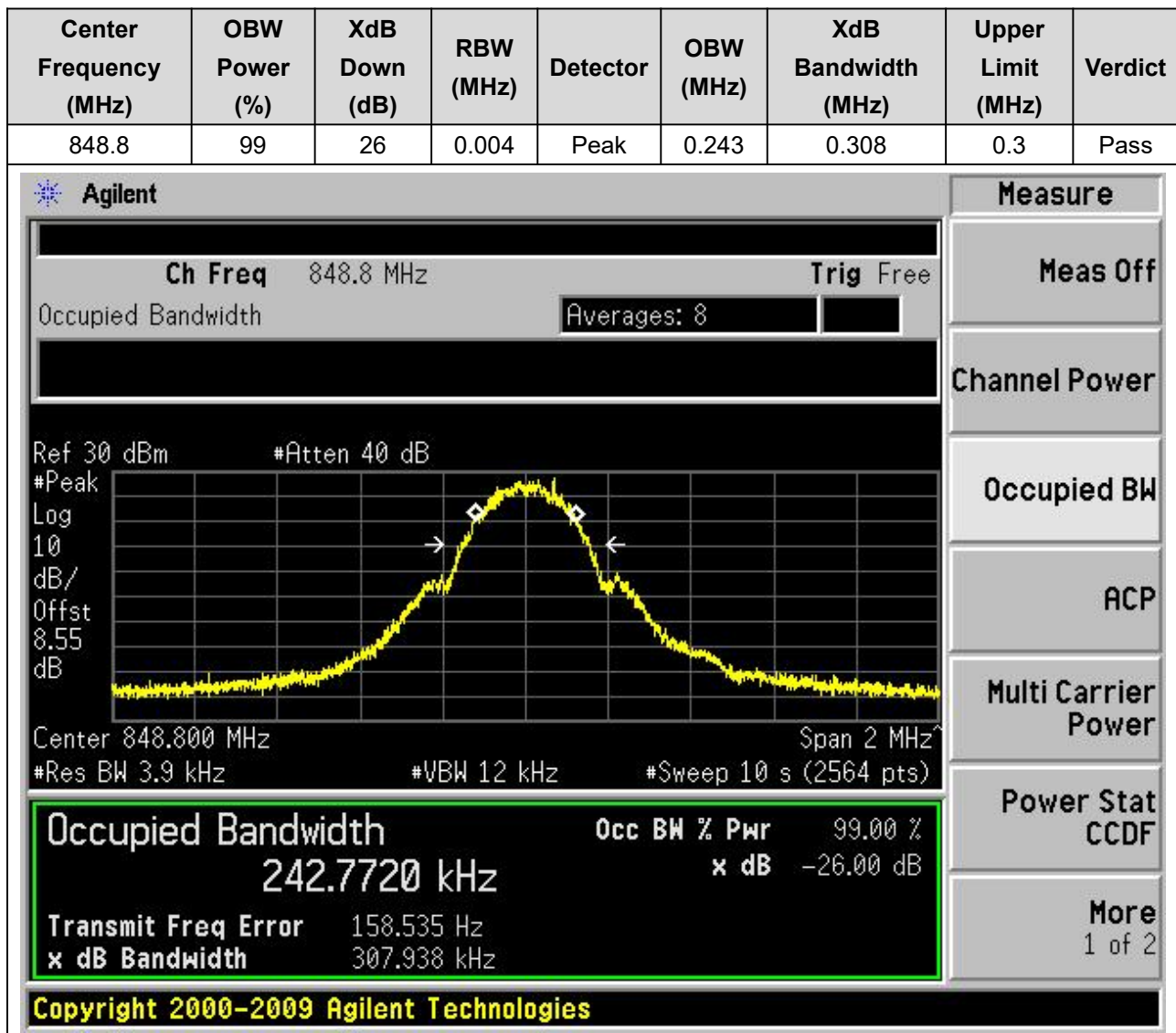
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.243	0.31	0.3	Pass



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



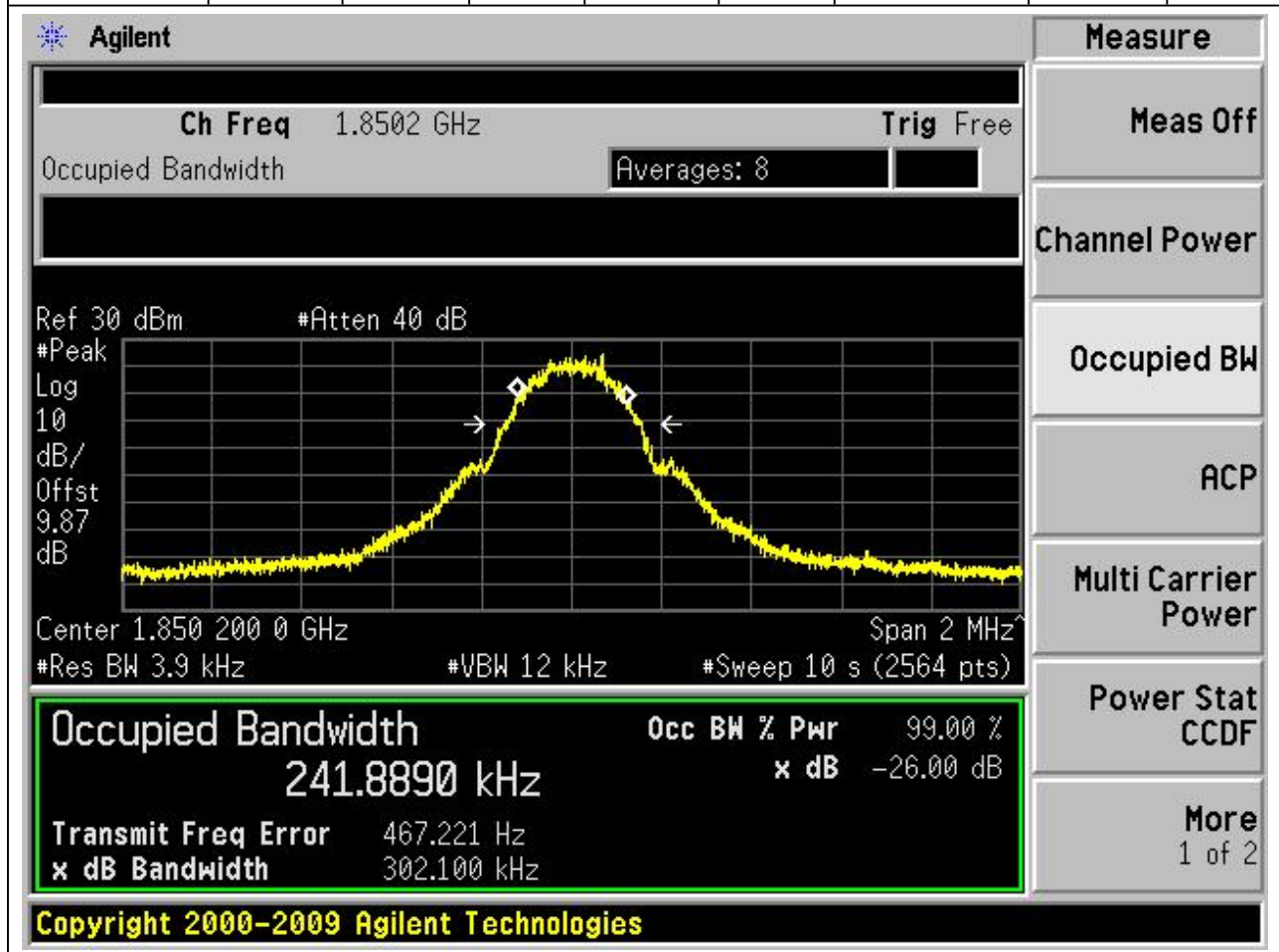
1.3 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:251)



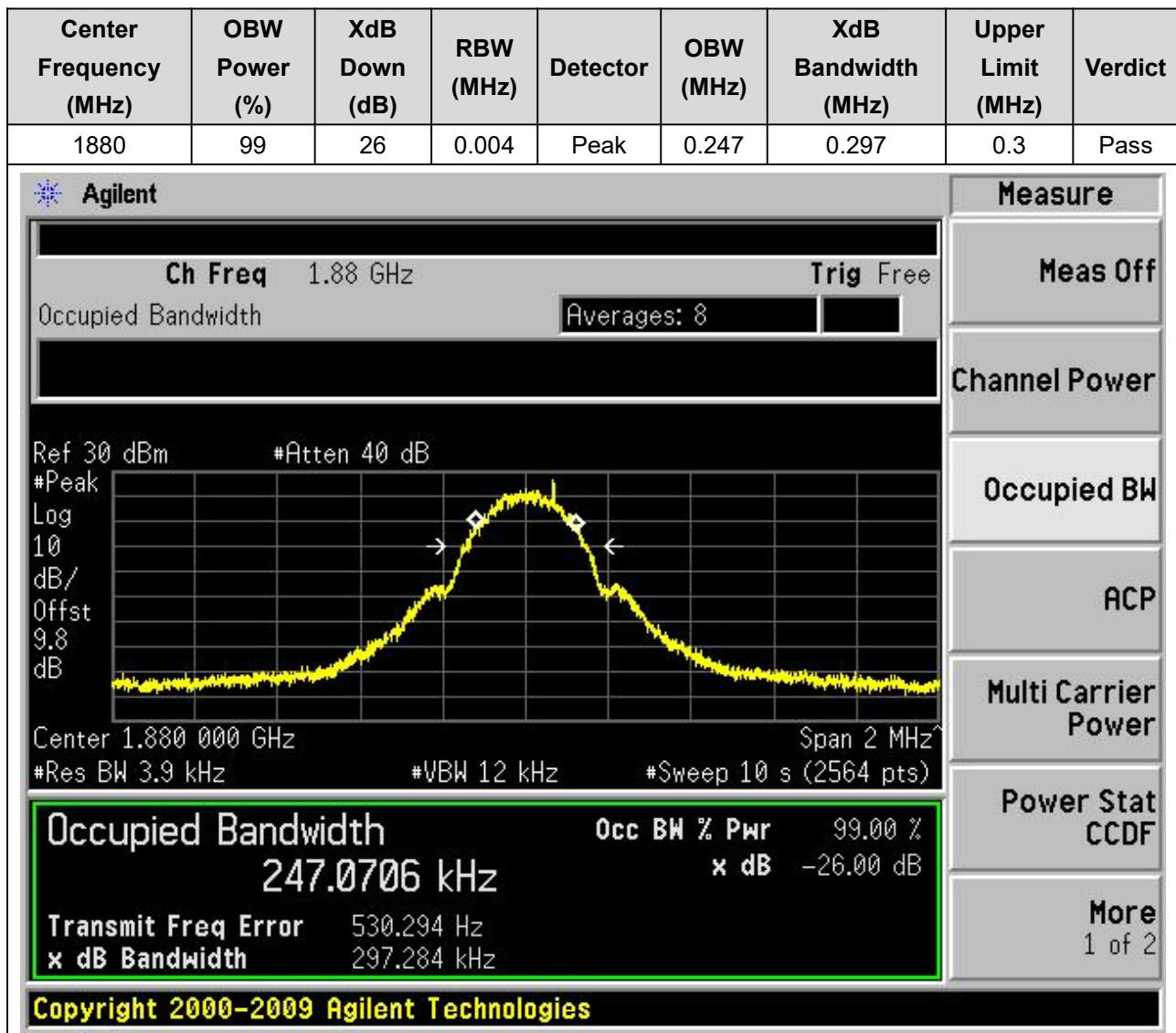
2. GSM_PCS

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

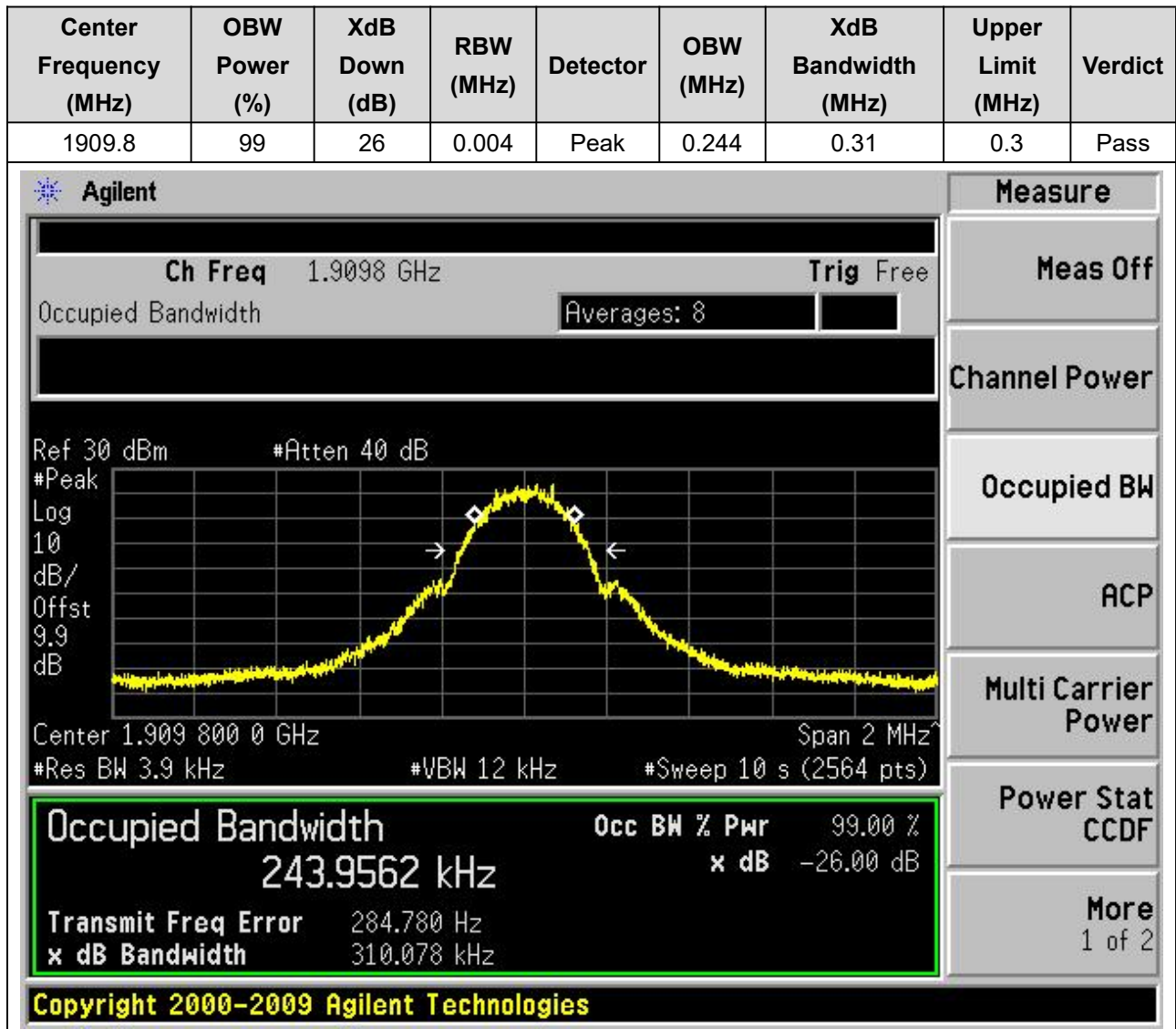
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.242	0.302	0.3	Pass



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



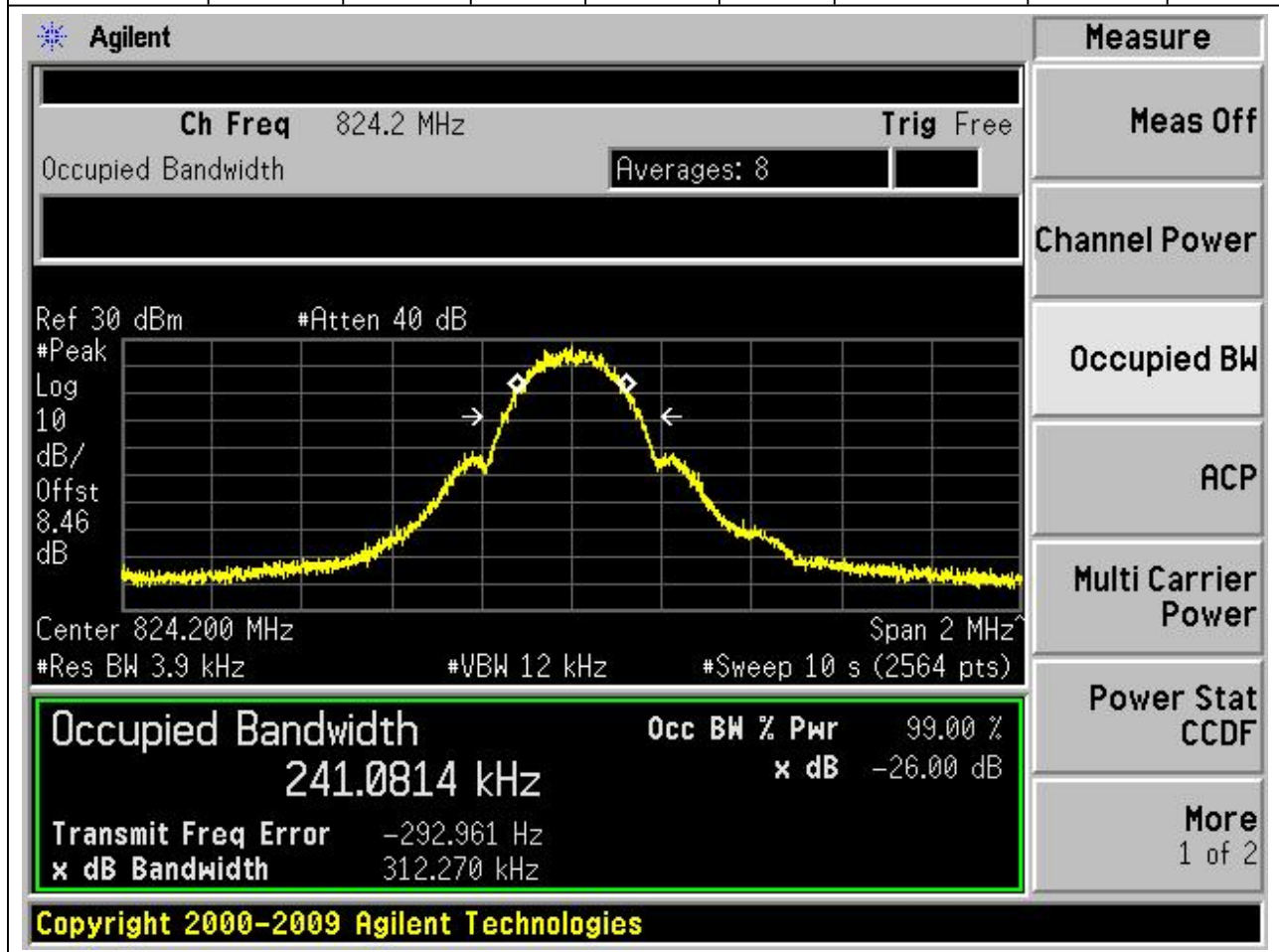
2.3 GSM Occupied Bandwidth_Part22-24(NTNV)(Channel:810)



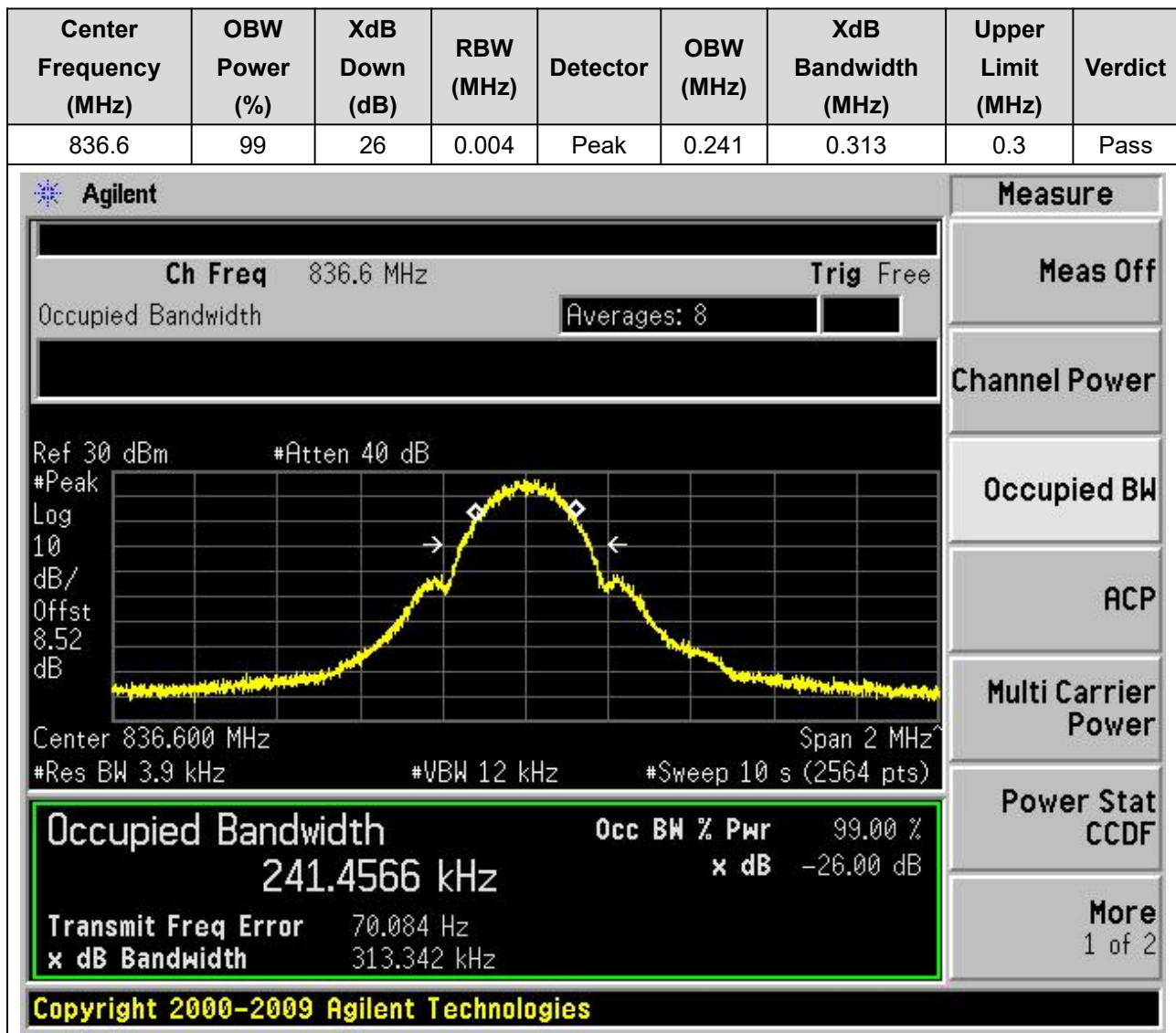
1. GPRS_GSM850

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

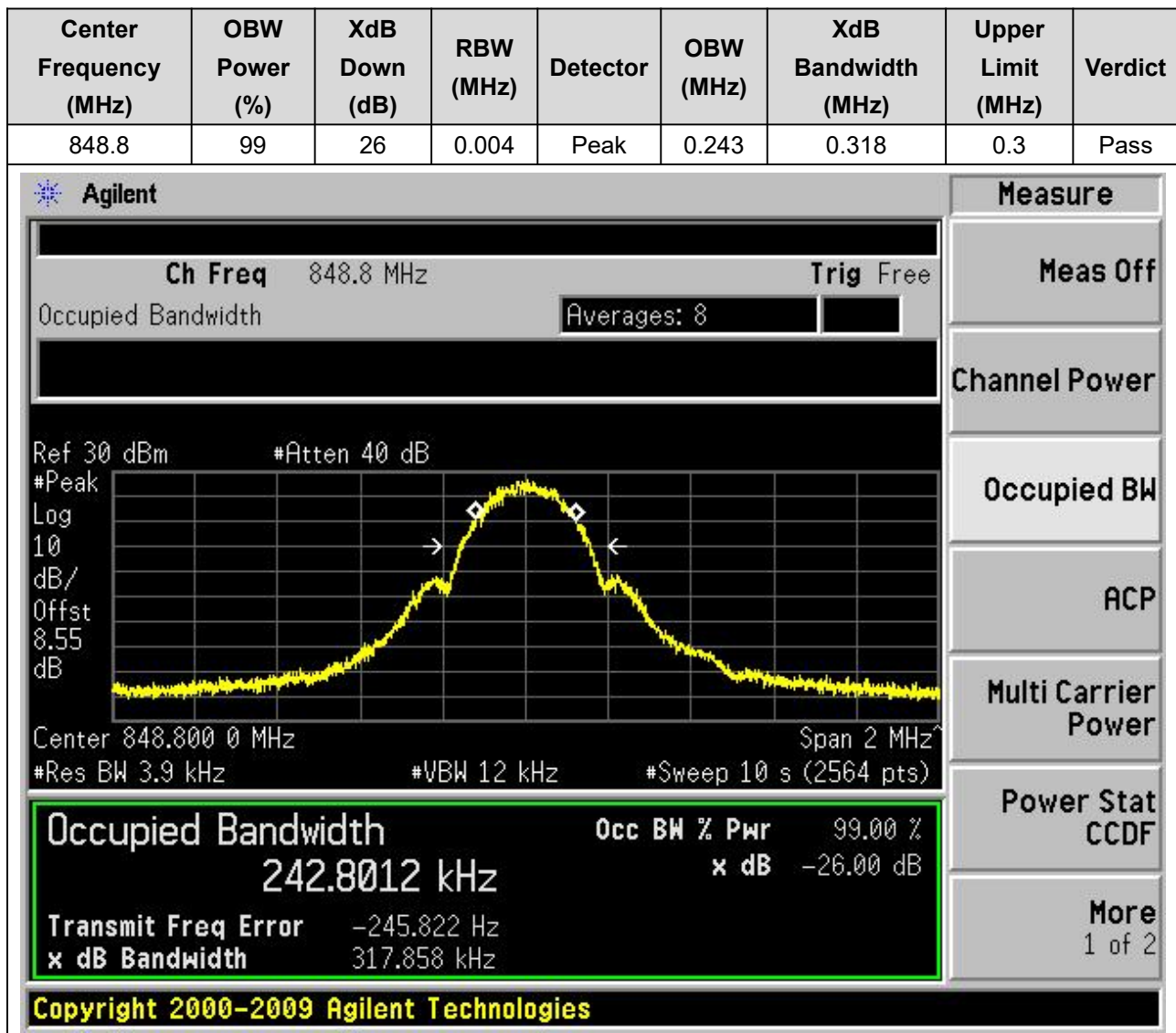
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.2	99	26	0.004	Peak	0.241	0.312	0.3	Pass



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



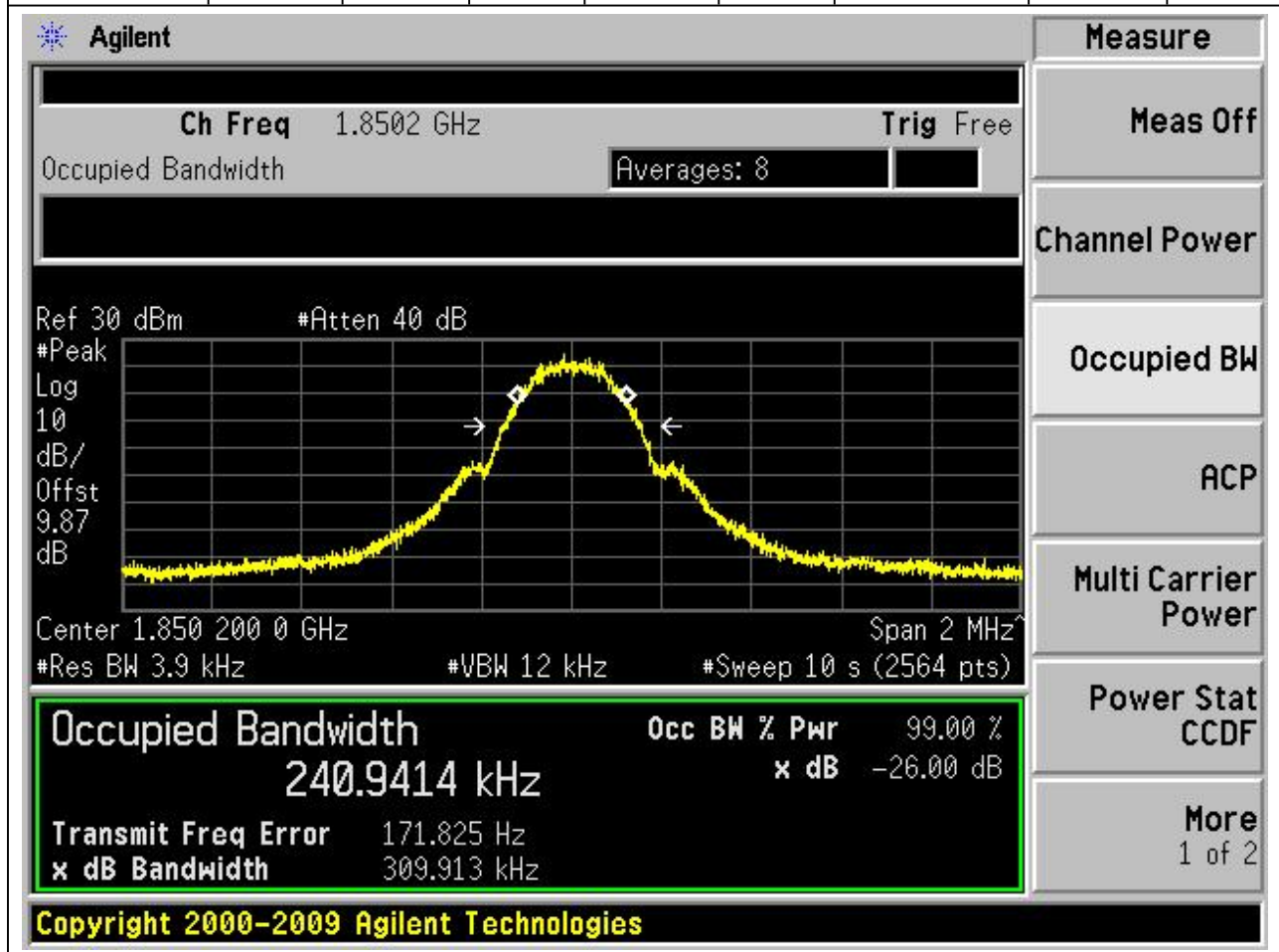
1.3 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)



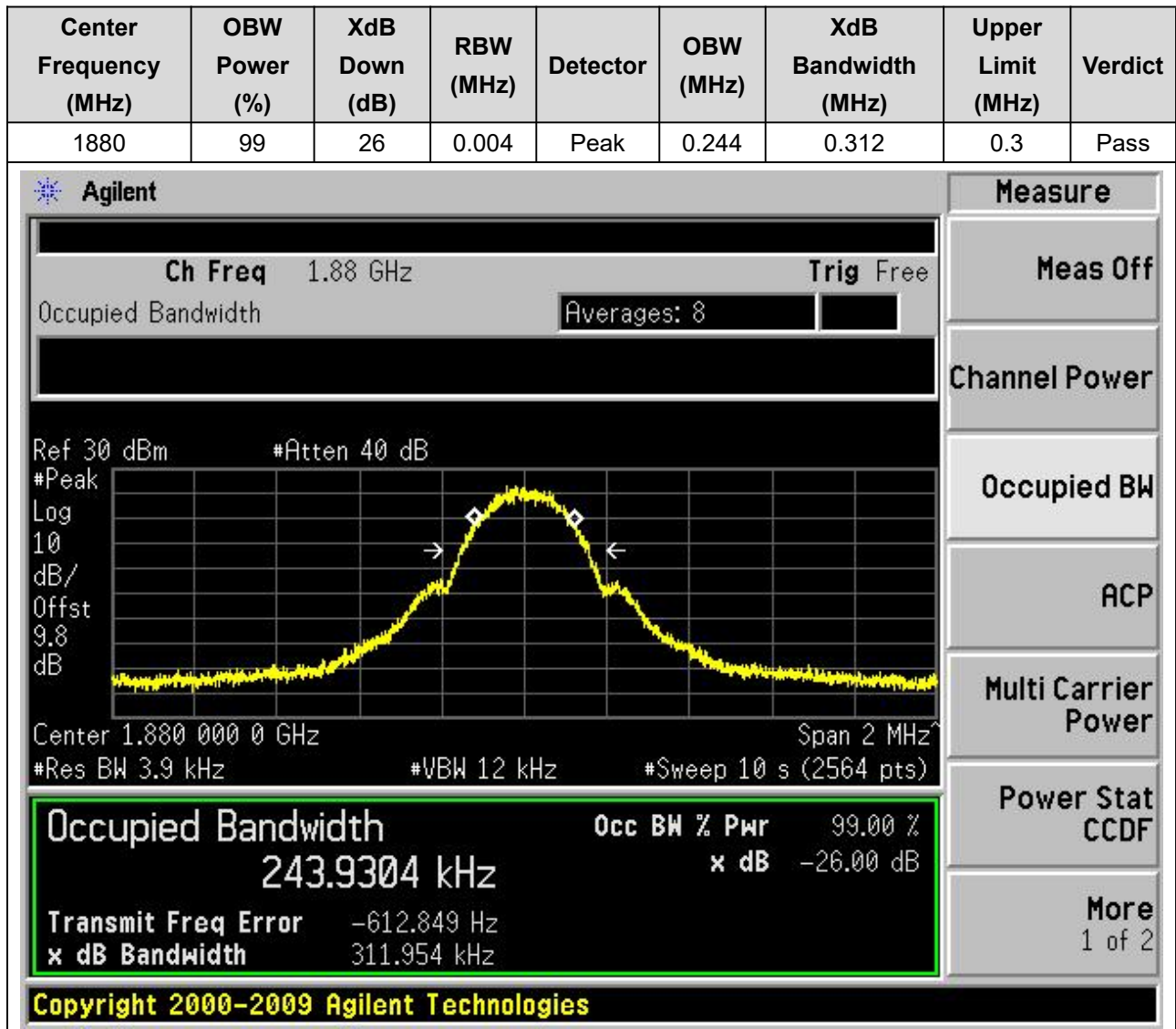
2. GPRS_PCS

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.241	0.31	0.3	Pass

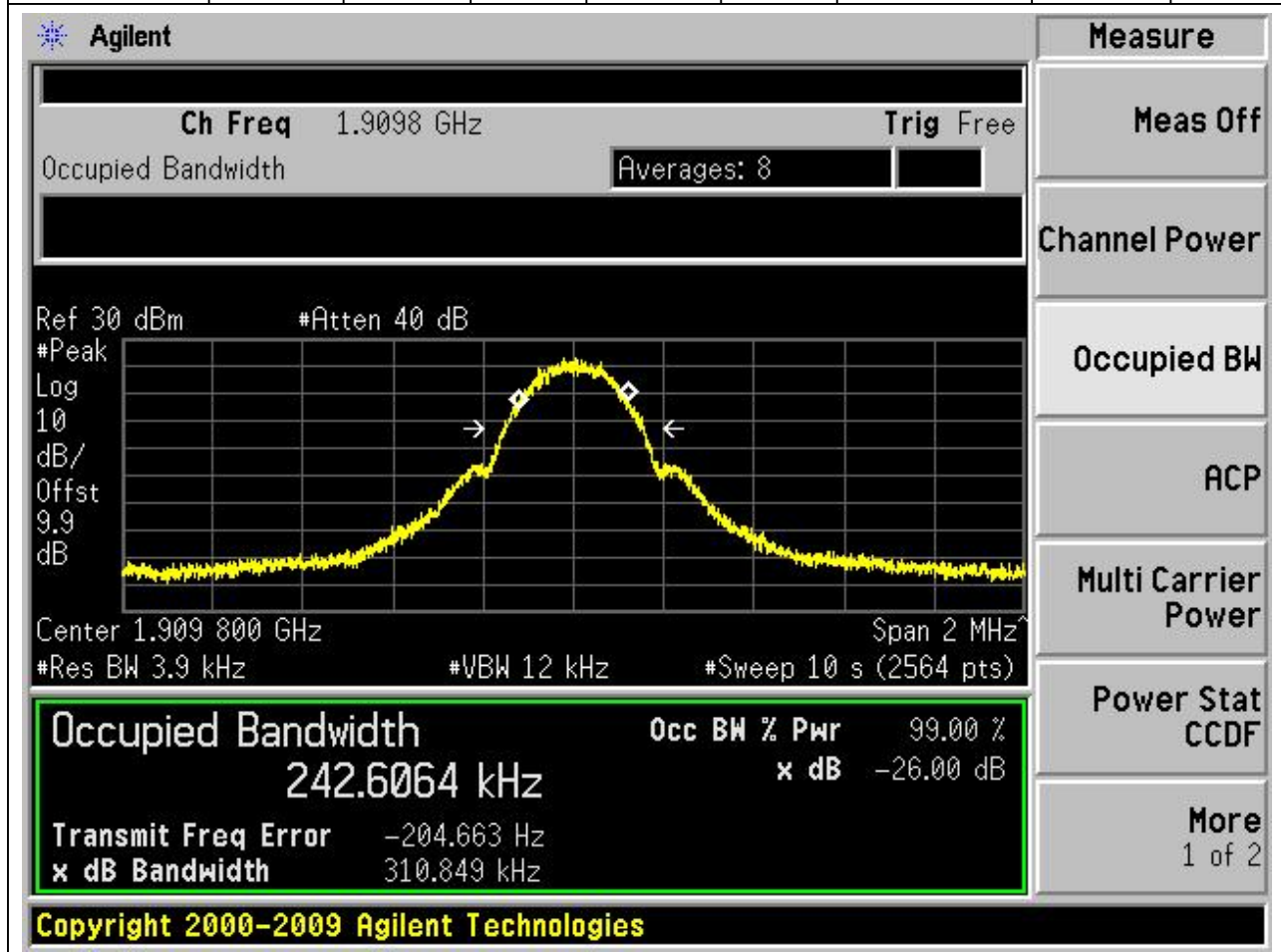


2.2 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:661)



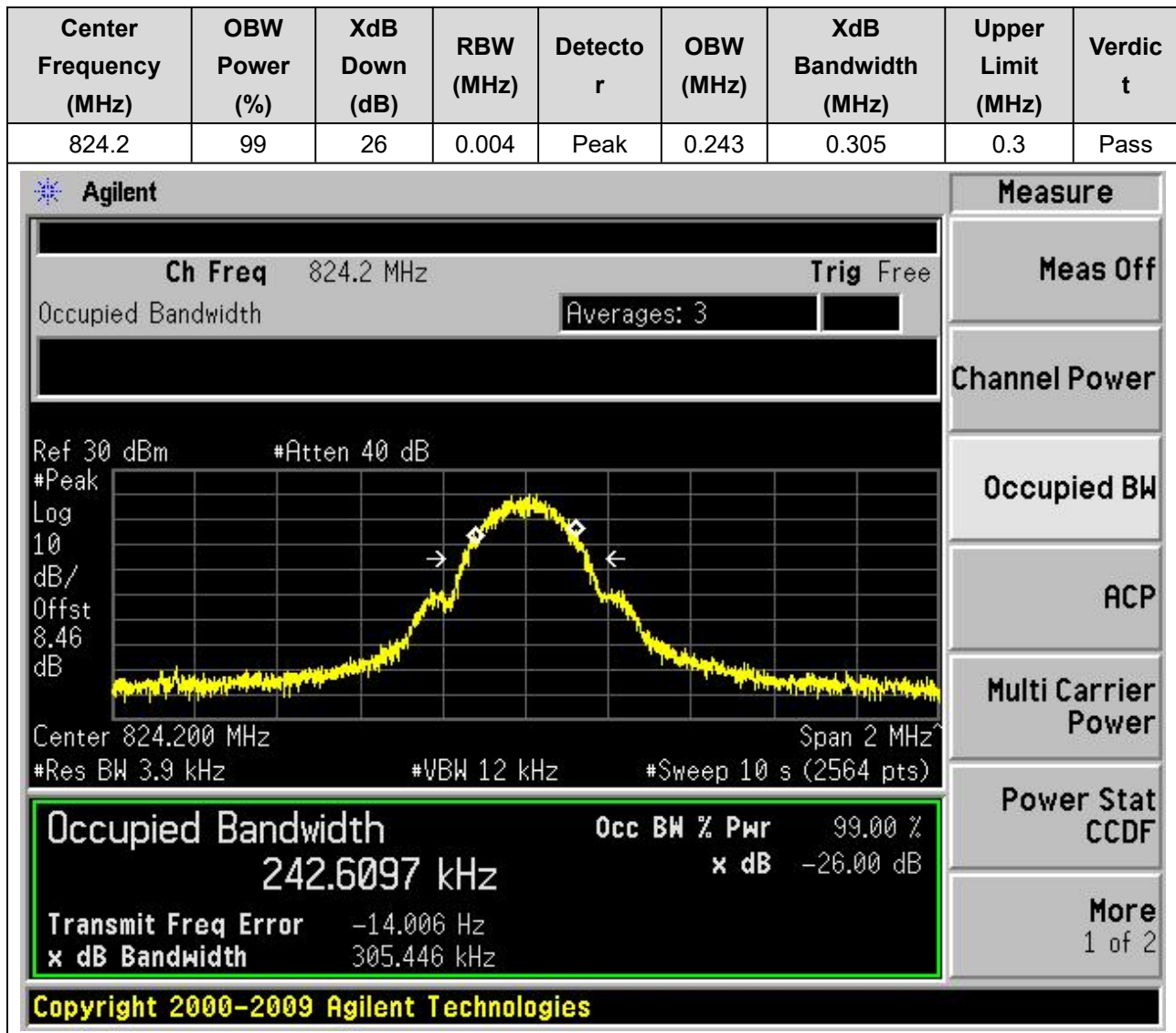
2.3 GPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:810)

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	0.311	0.3	Pass

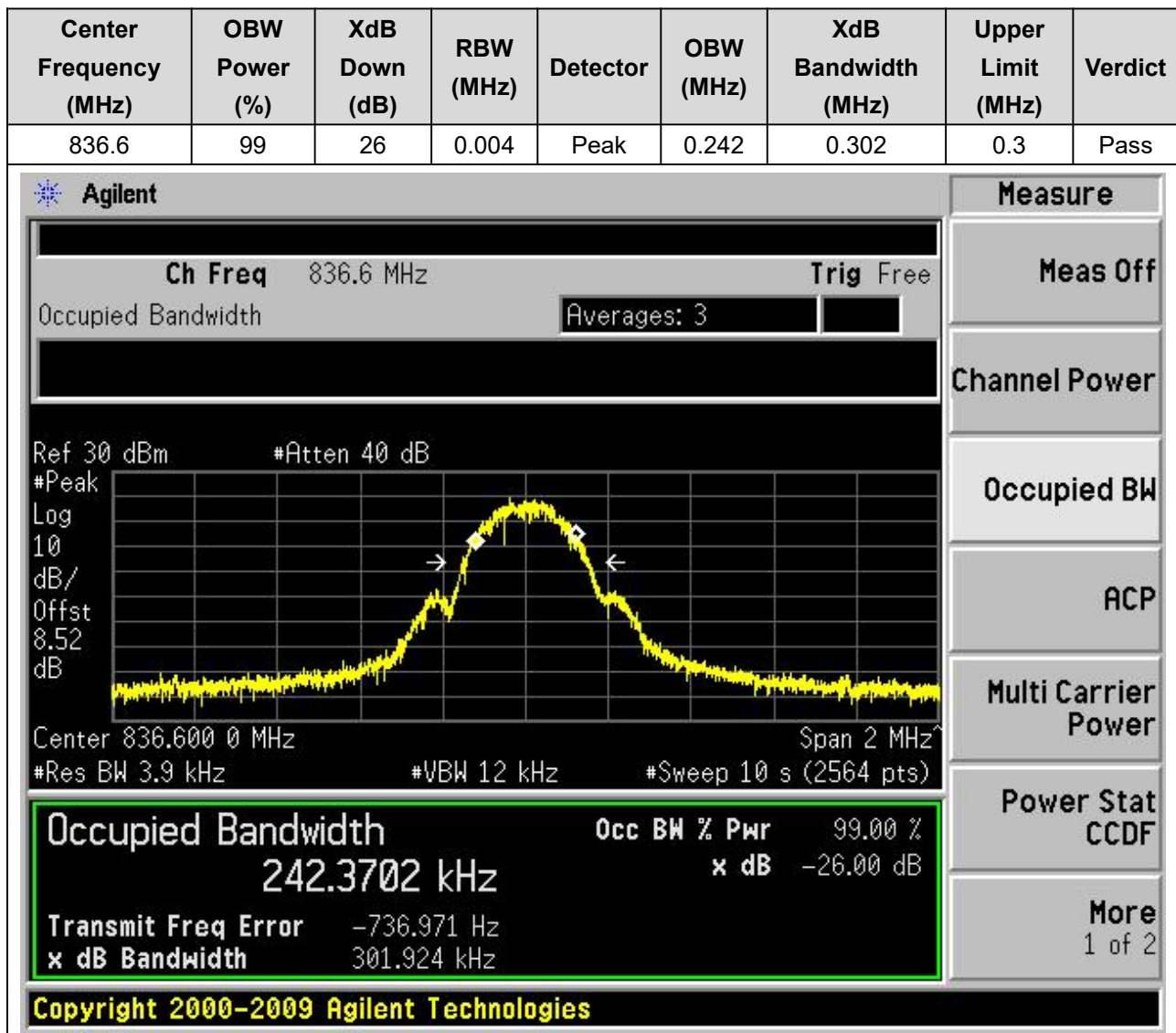


1. EGPRS_GSM850

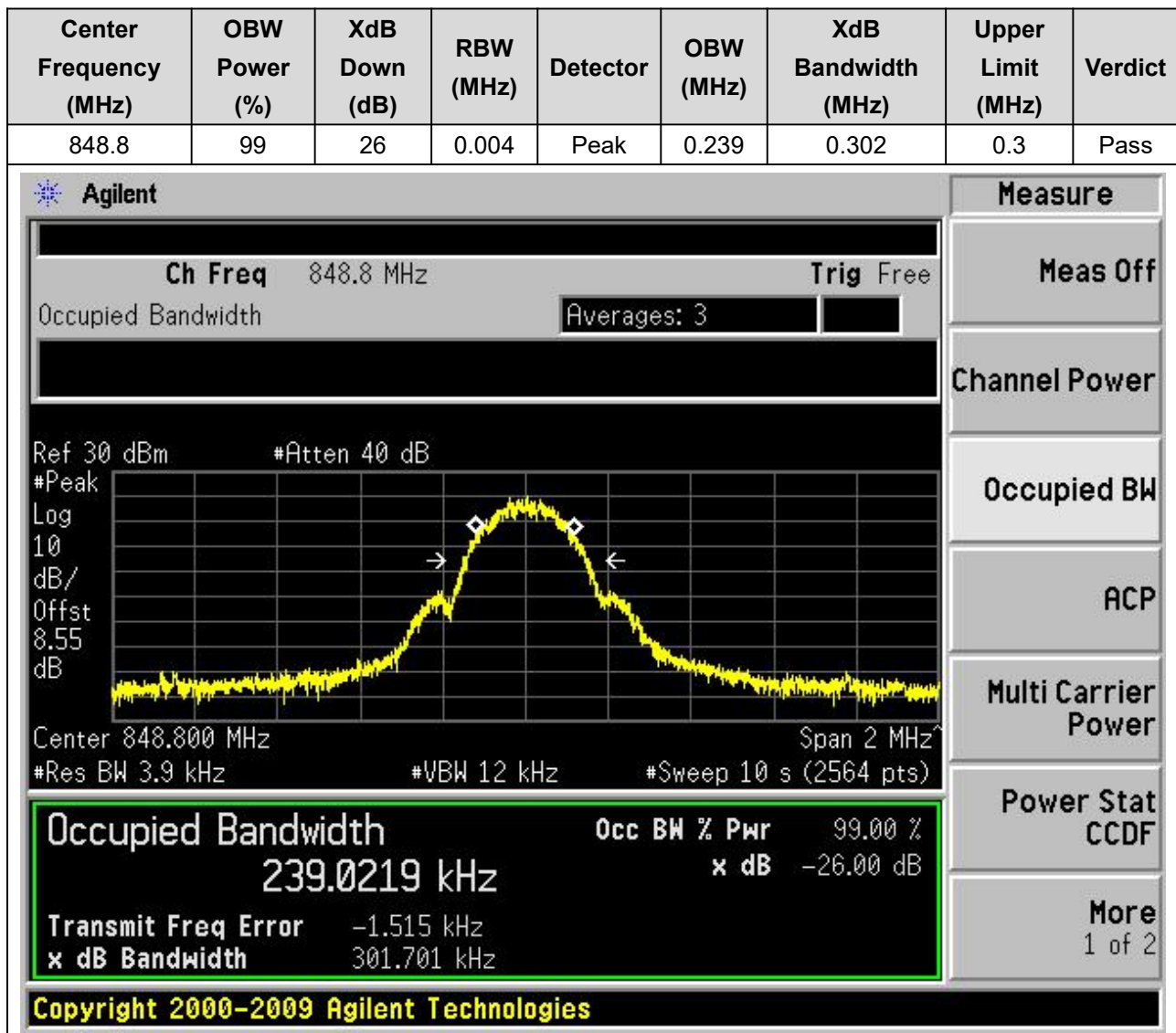
1.1 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:128)



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



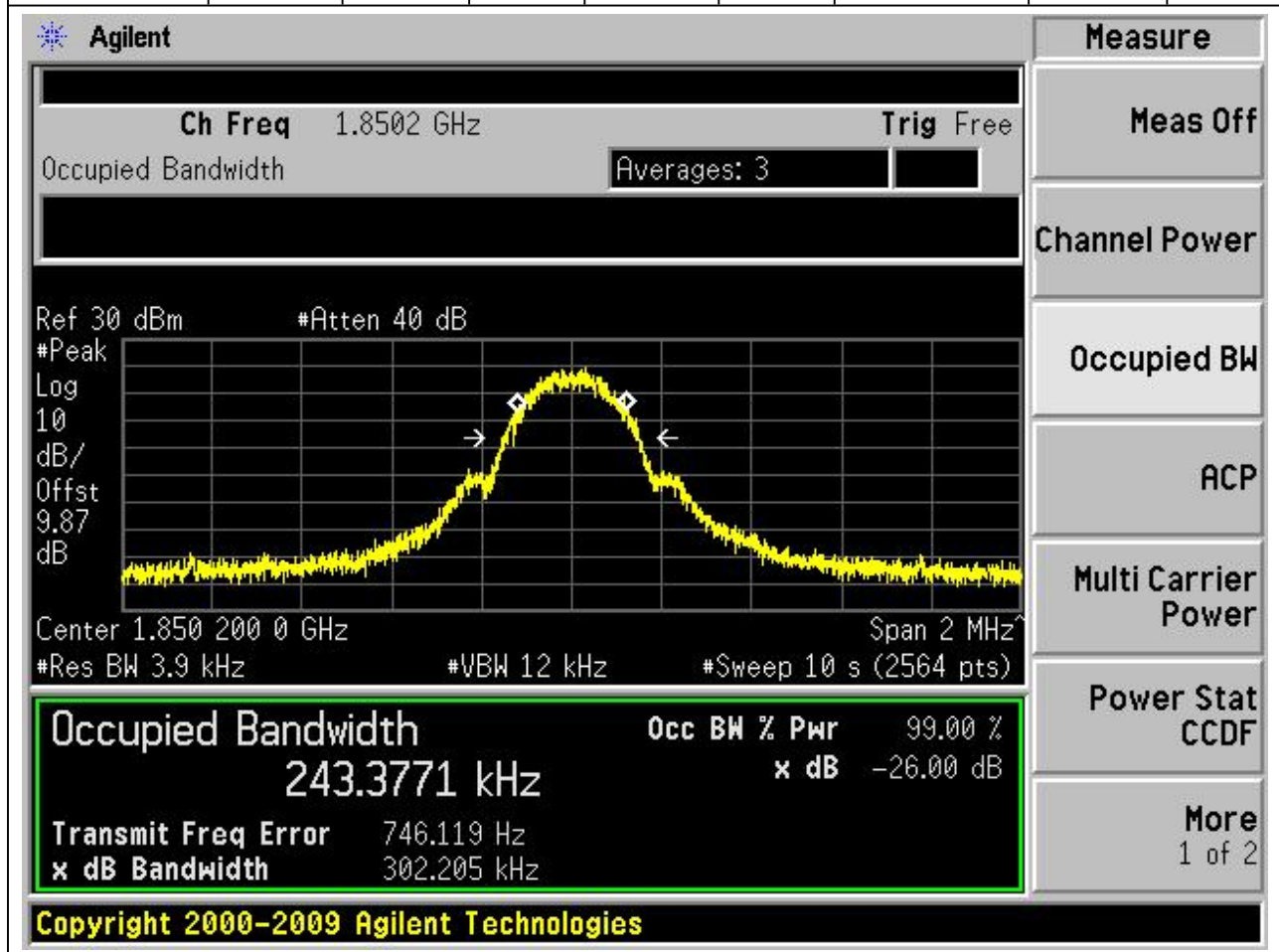
1.3 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:251)



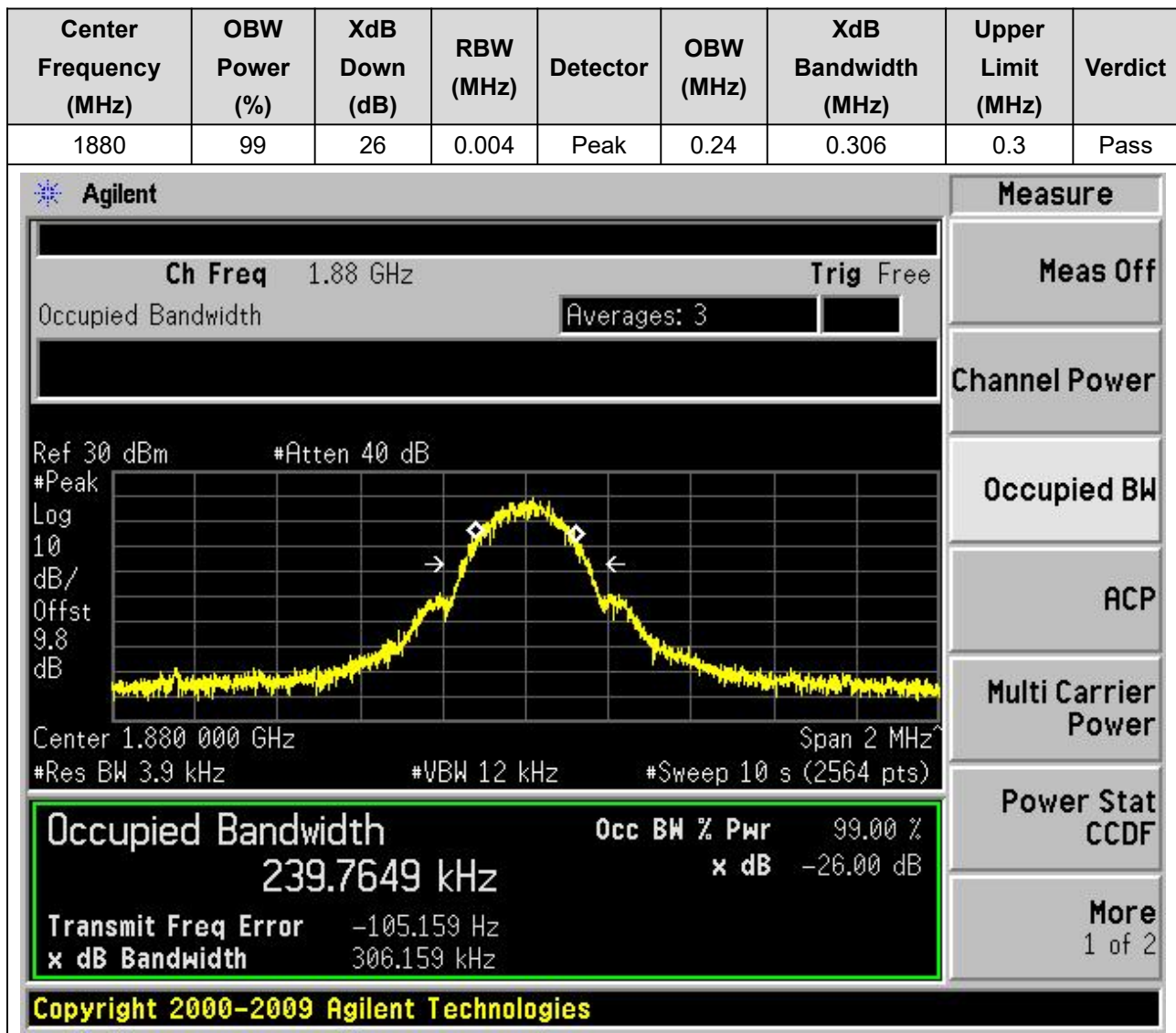
2. EGPRS_PCS

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

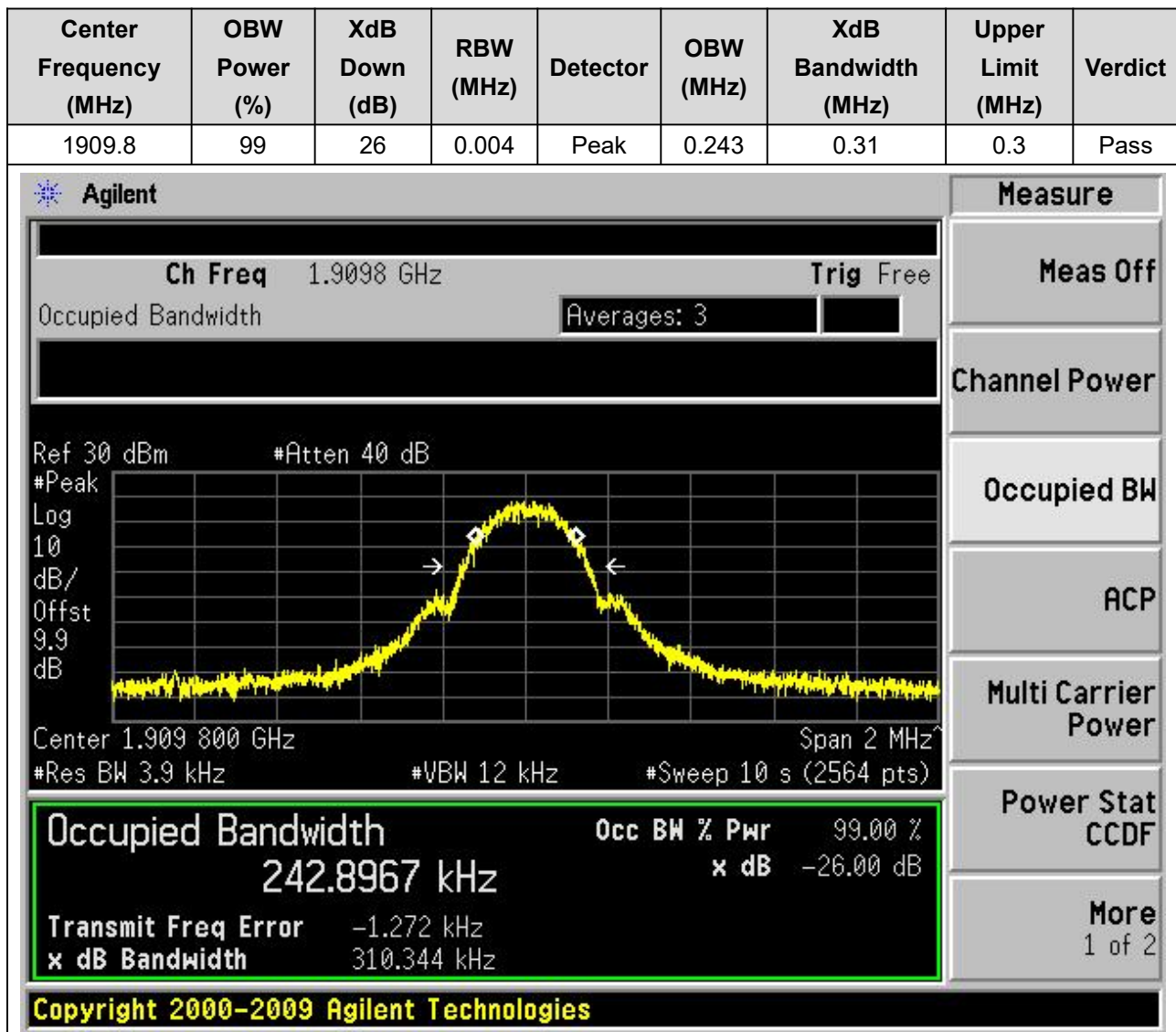
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1850.2	99	26	0.004	Peak	0.243	0.302	0.3	Pass



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

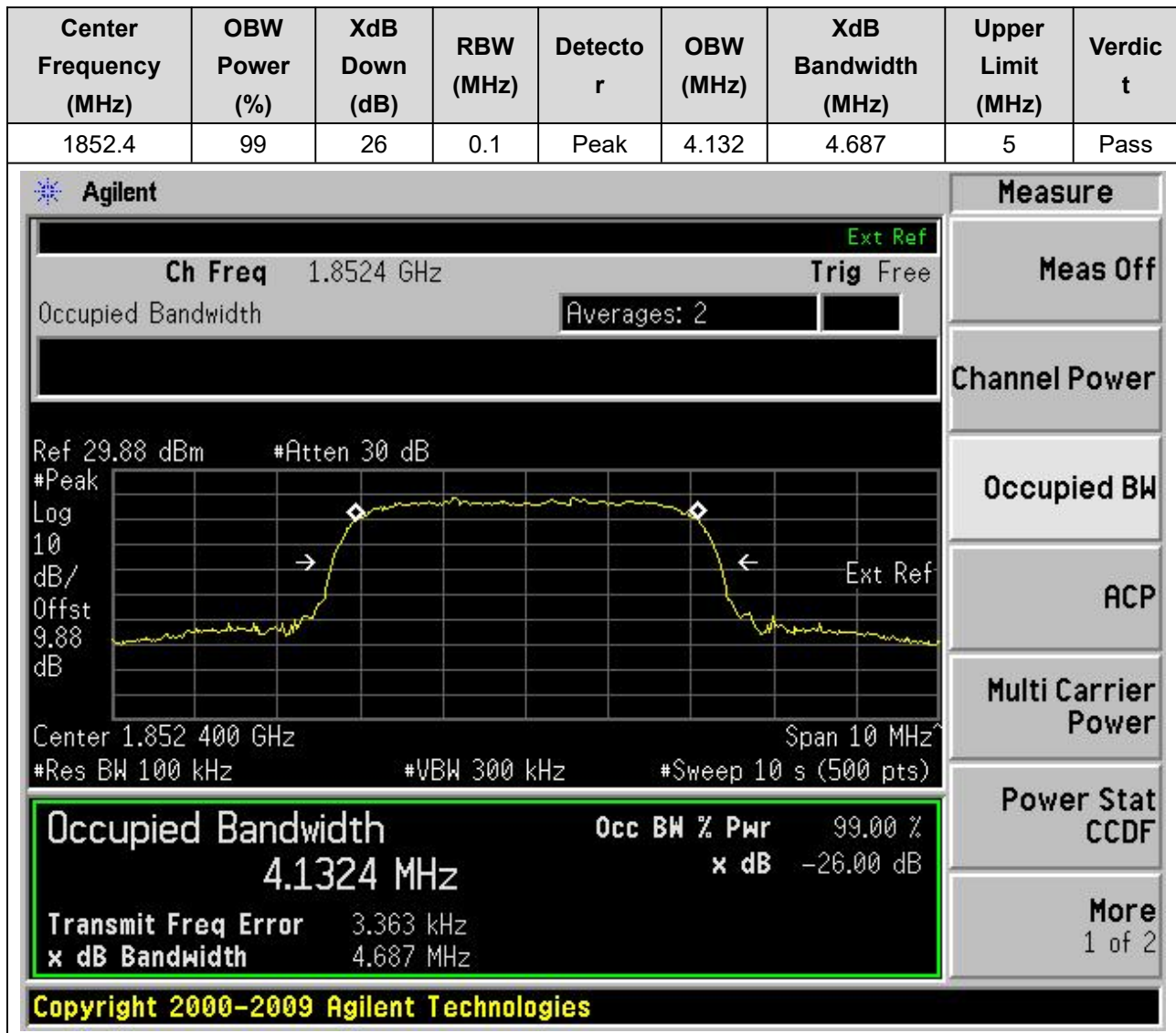


2.3 EGPRS Occupied Bandwidth_Part22-24(NTNV)(Channel:810)

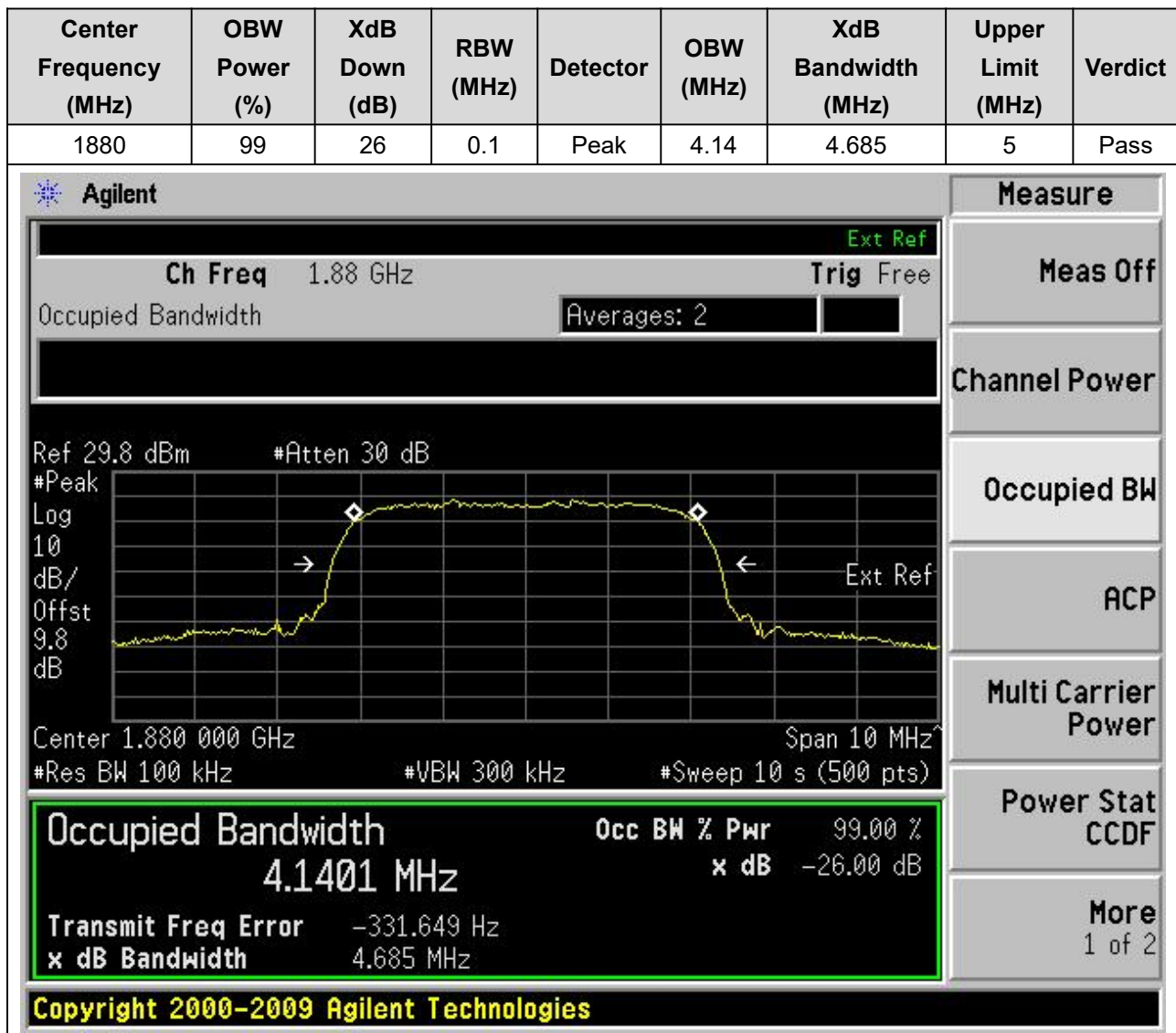


1. WCDMA_Band2

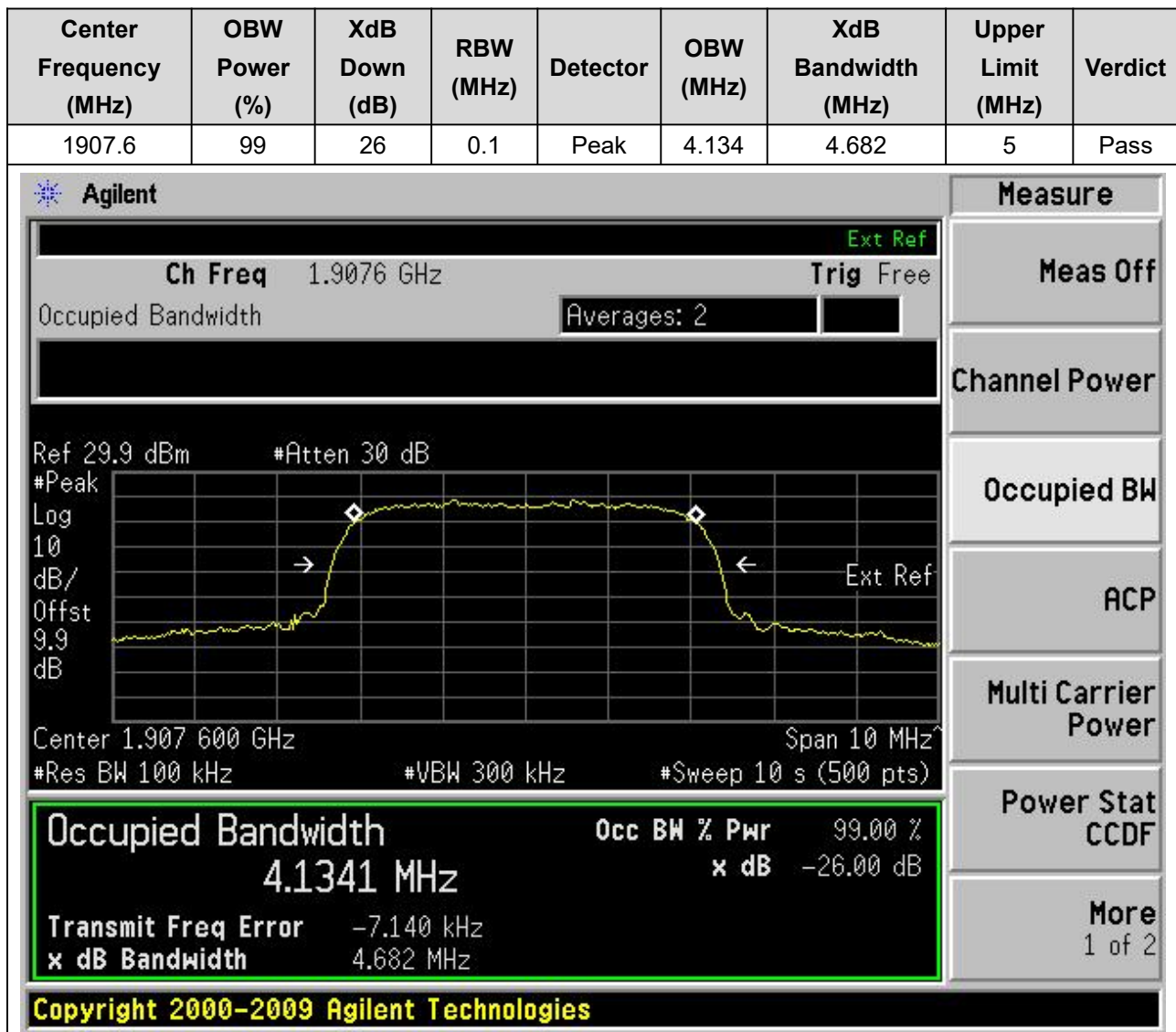
1.1 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9262)



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



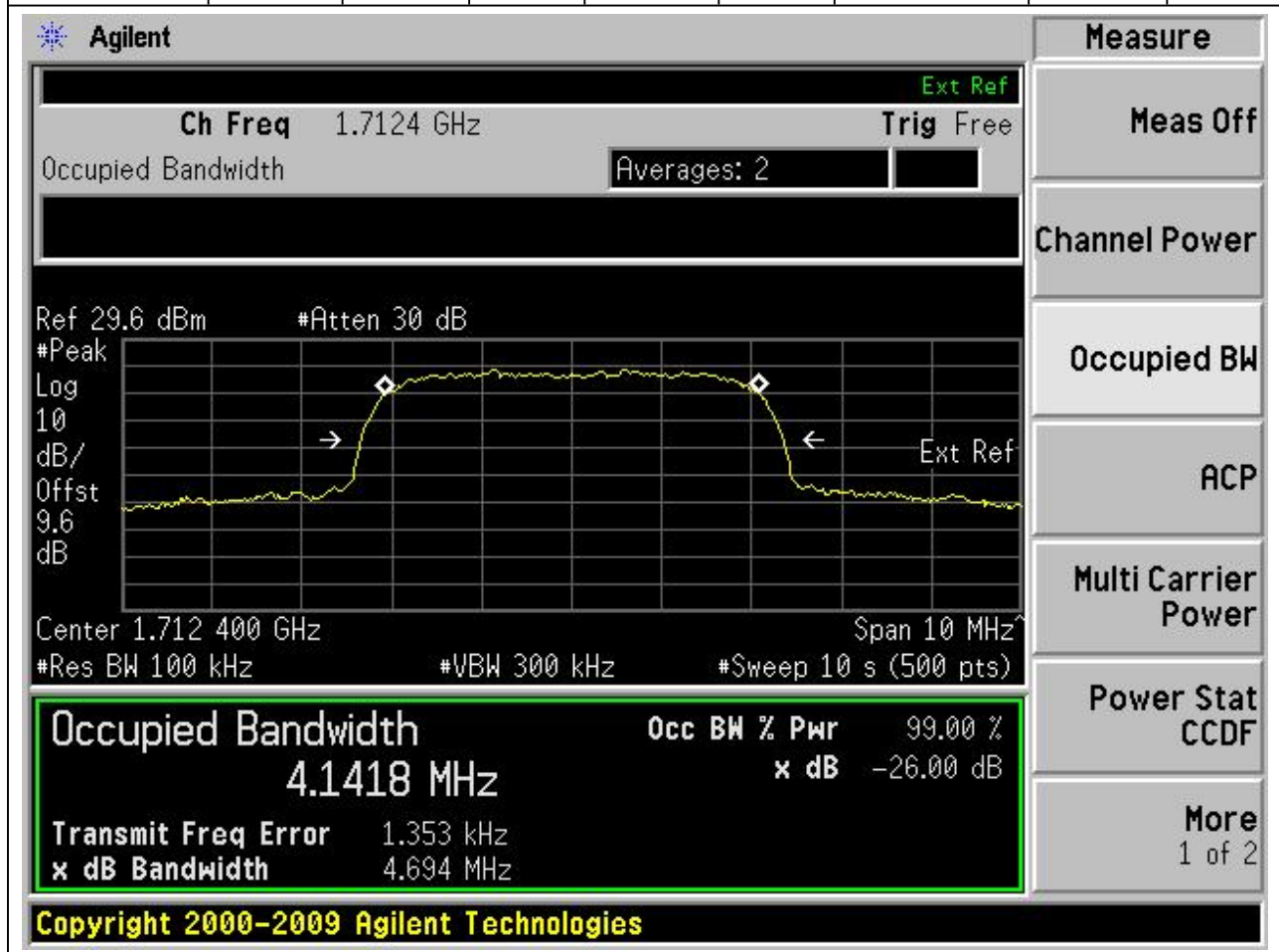
1.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:9538)



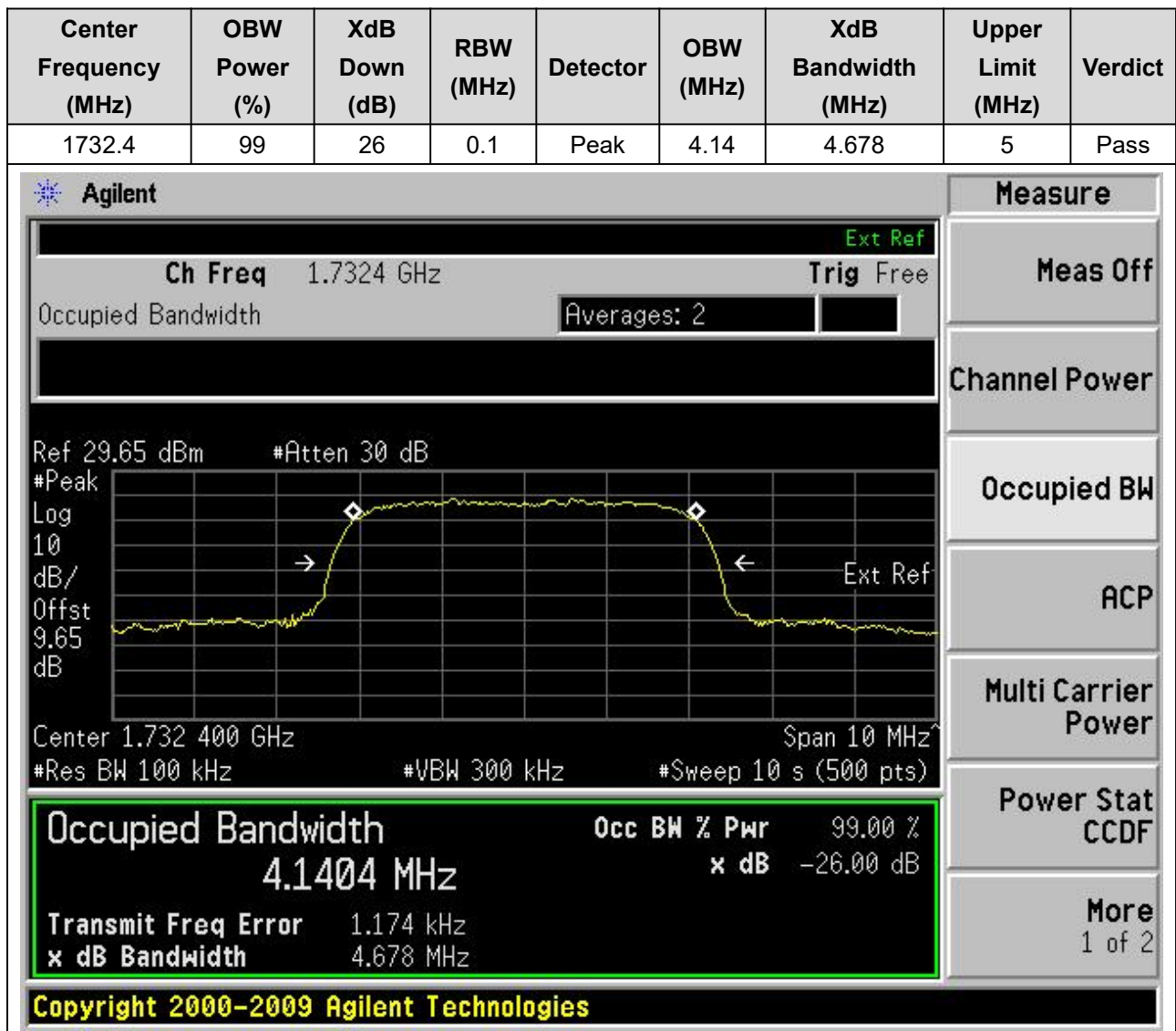
2. WCDMA_Band4

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

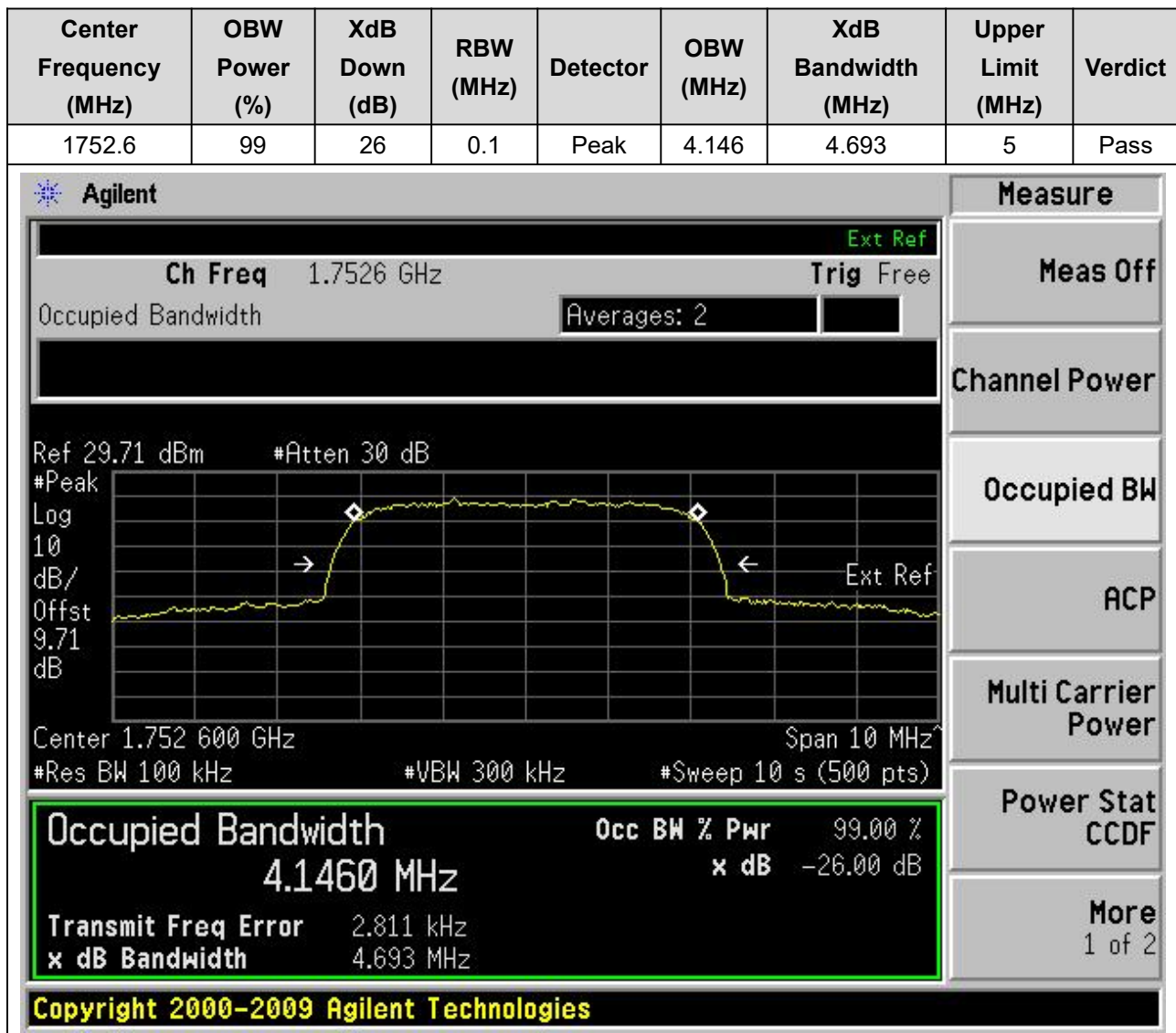
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.4	99	26	0.1	Peak	4.142	4.694	5	Pass



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



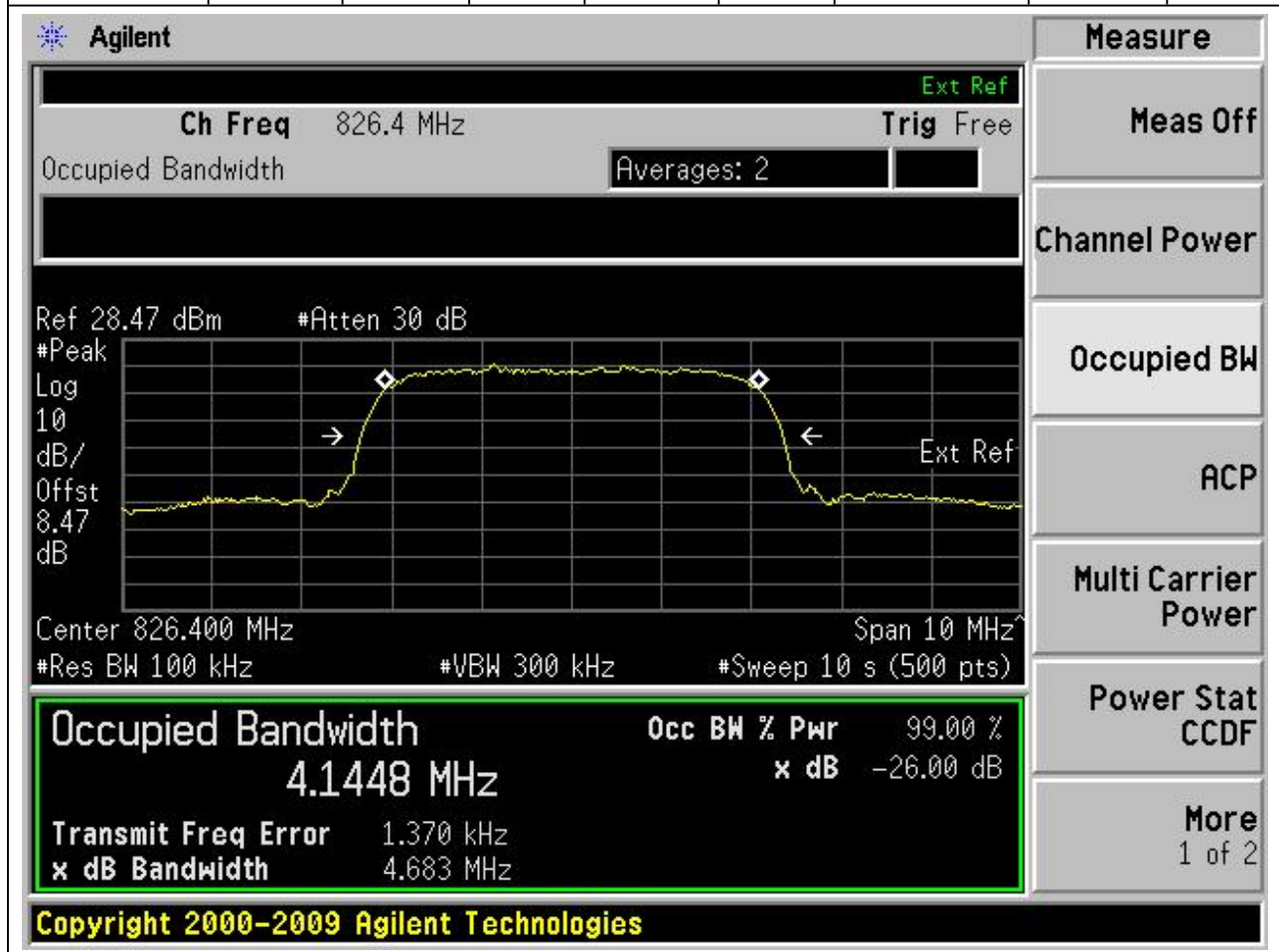
2.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:1513)



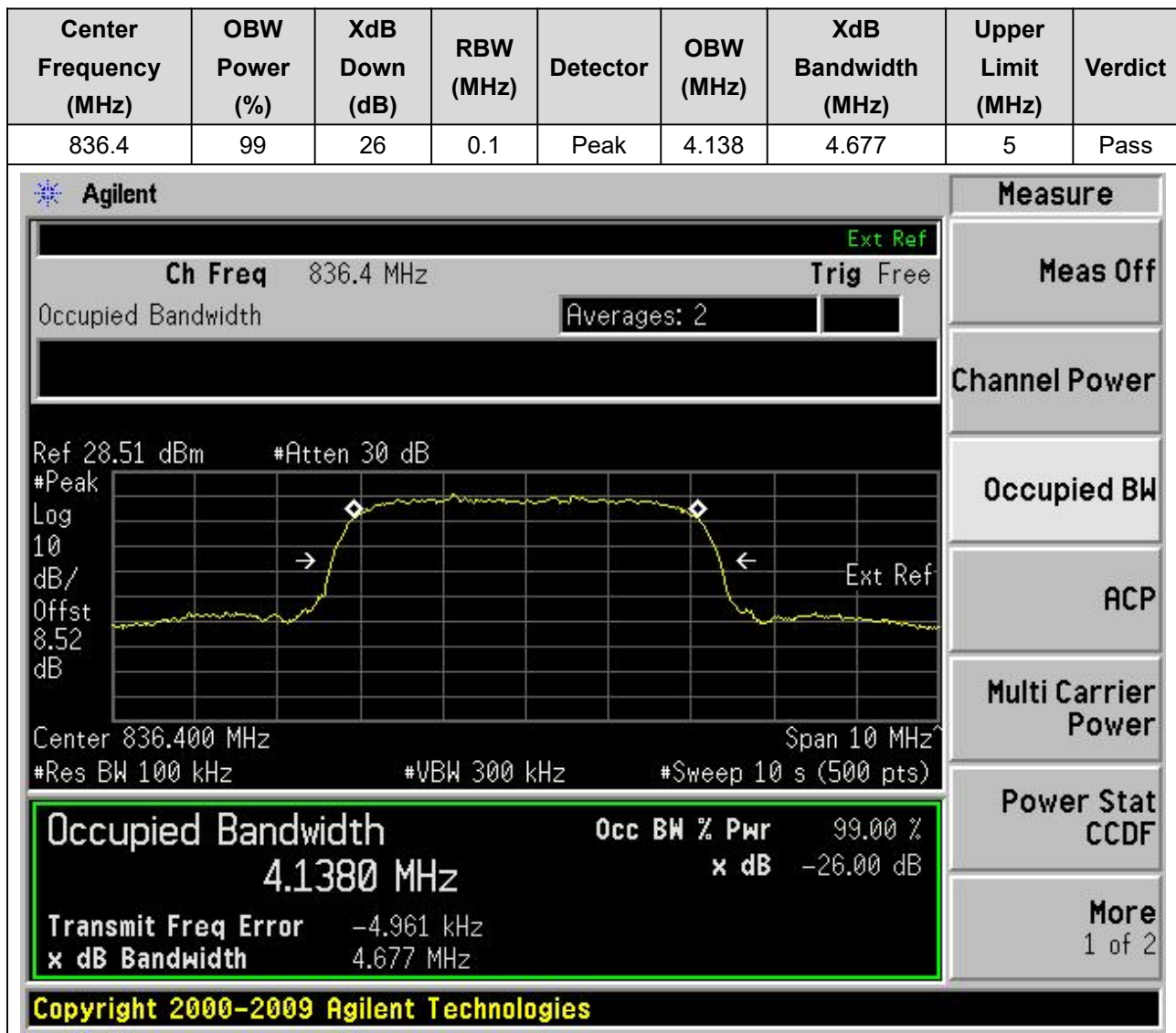
3. WCDMA_Band5

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

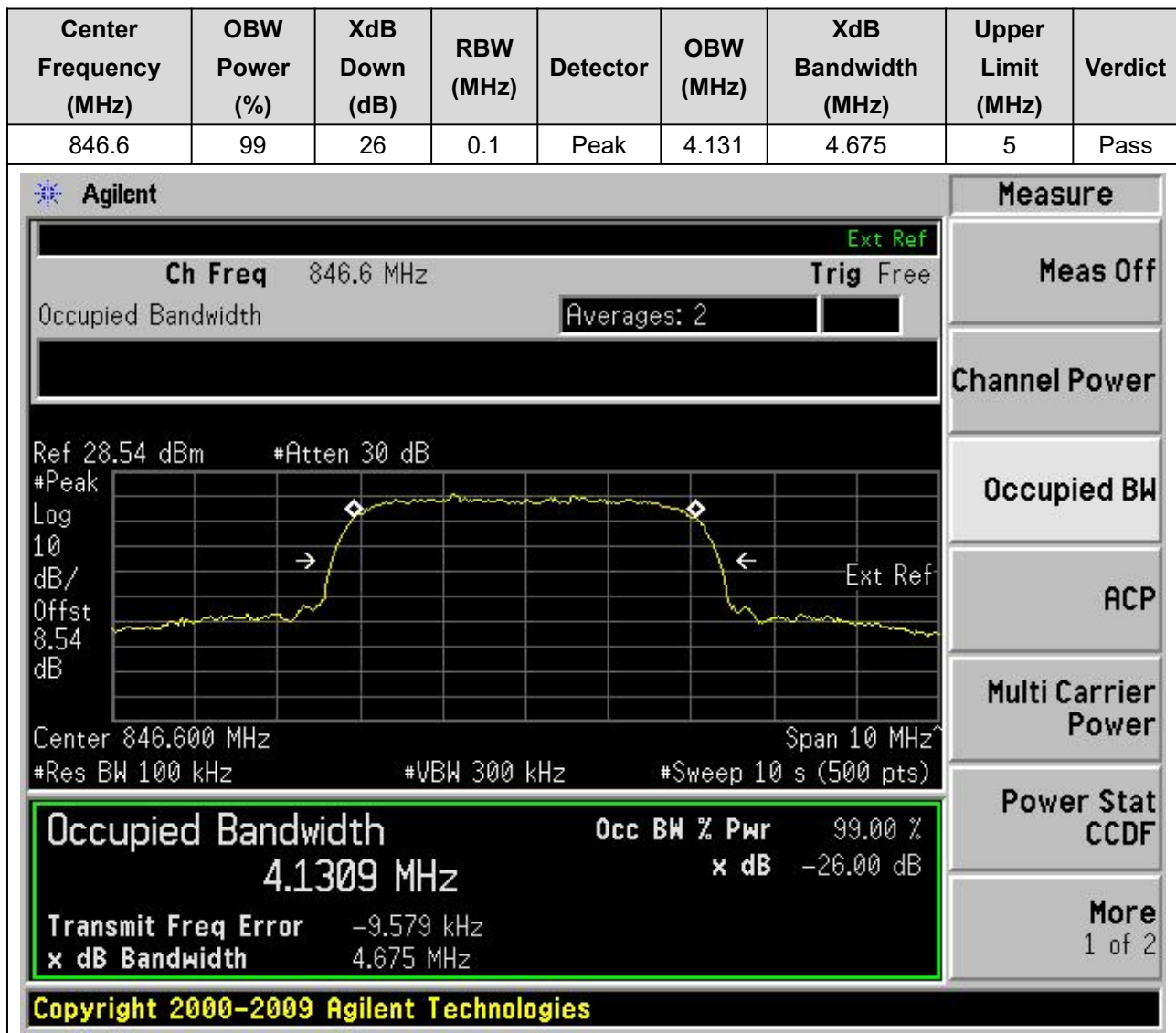
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.4	99	26	0.1	Peak	4.145	4.683	5	Pass



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

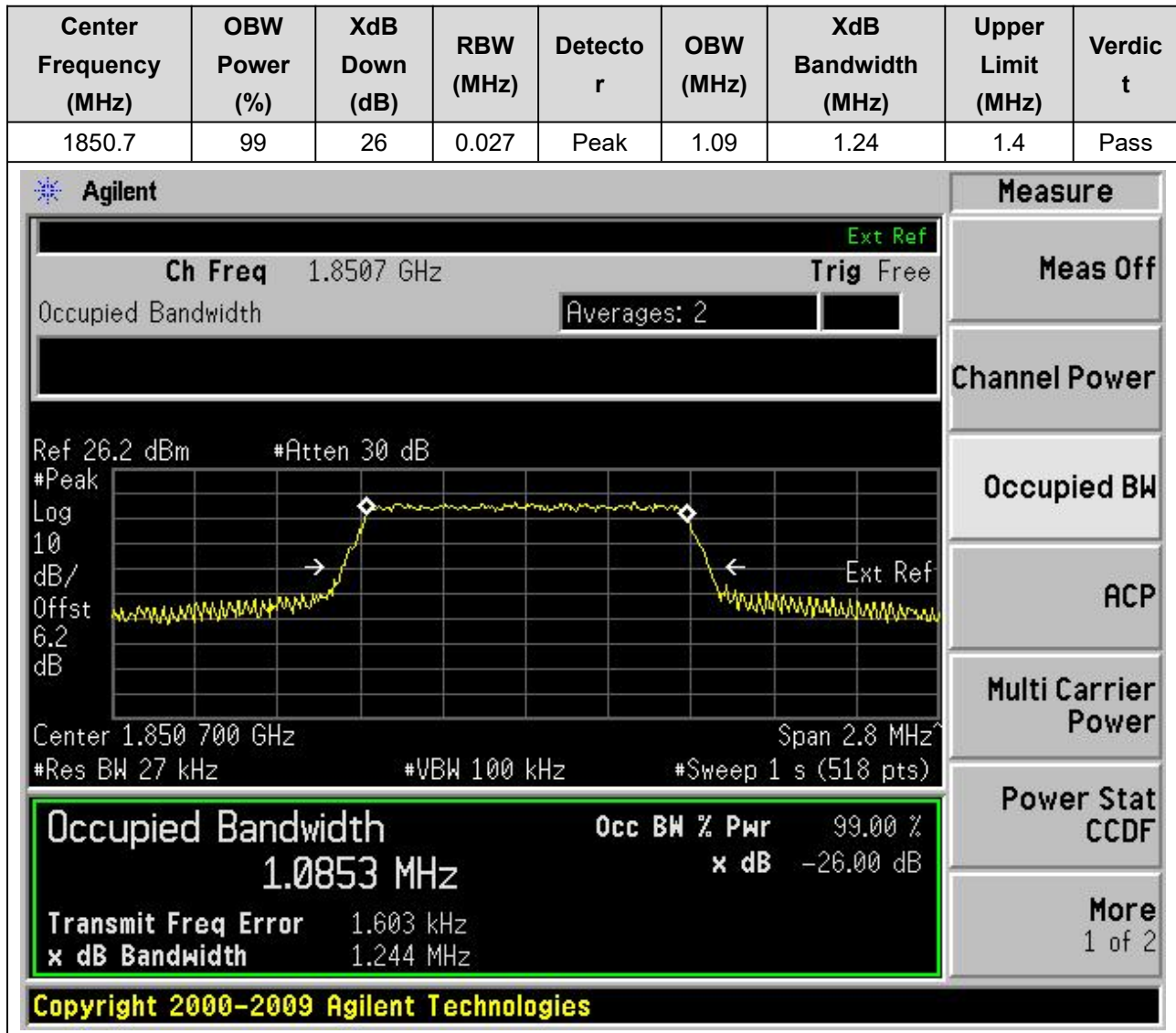


3.3 WCDMA Occupied Bandwidth_Part22-24-27(NTNV)(Channel:4233)

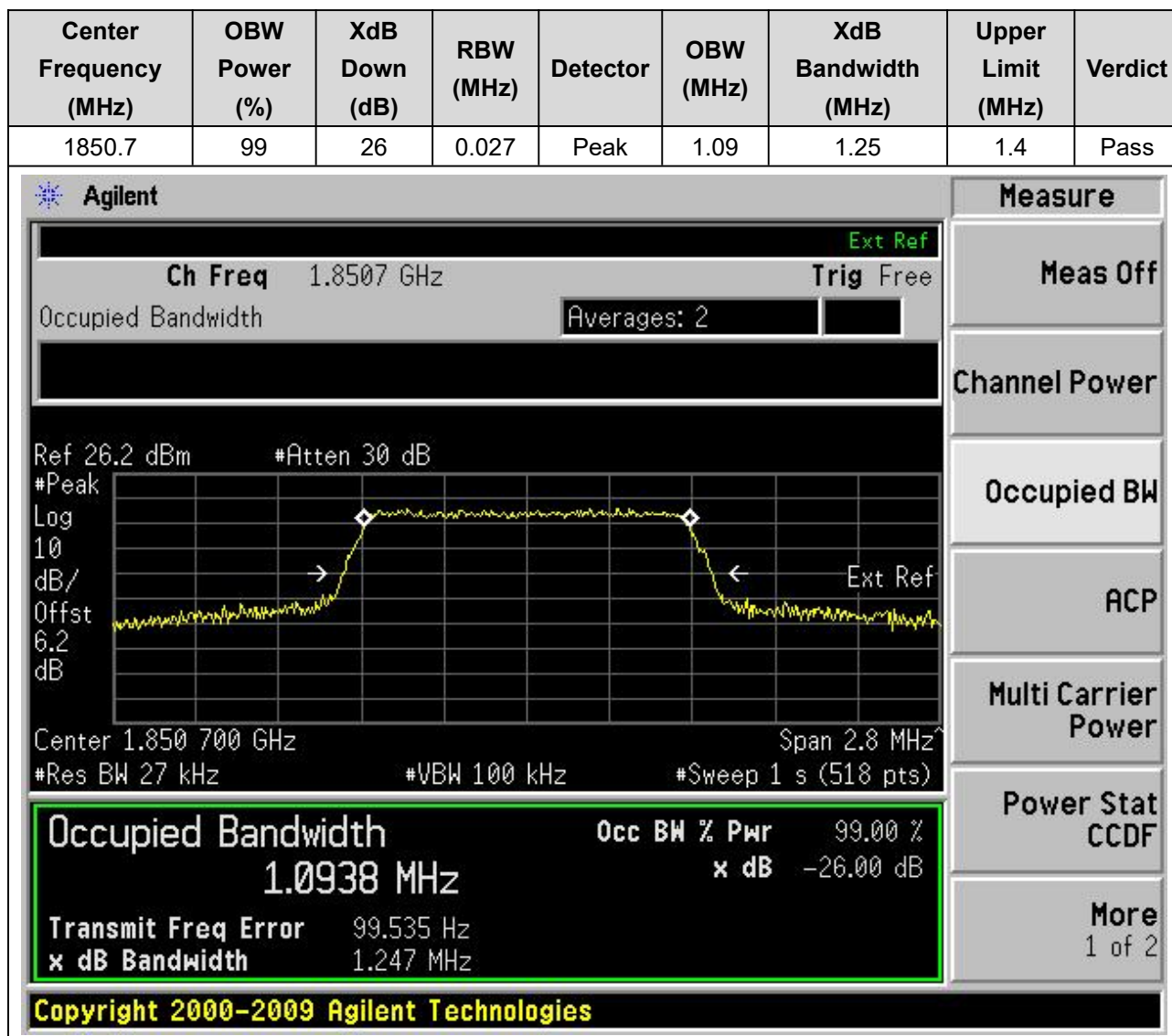


1. LTE_Band2

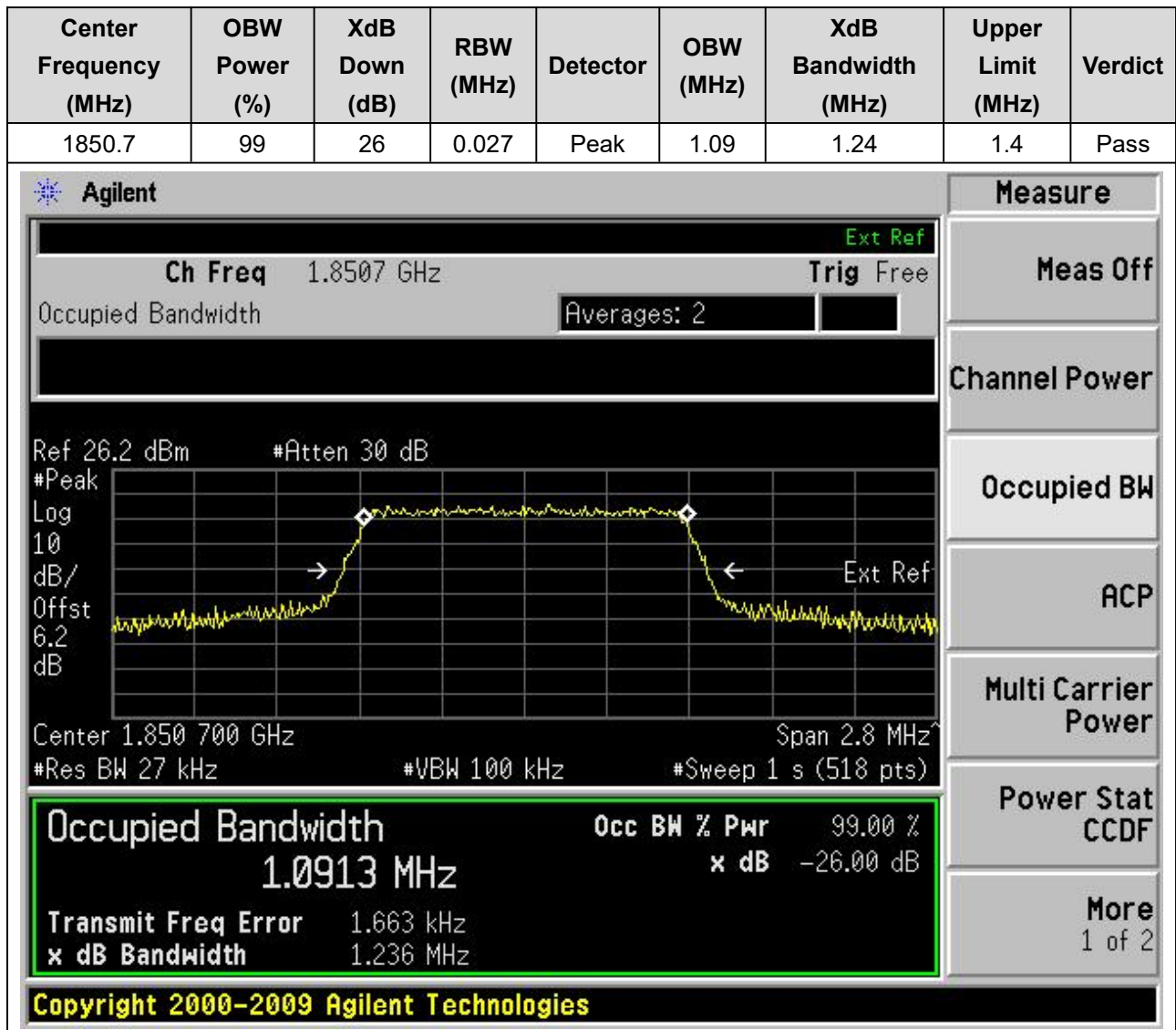
1.1 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



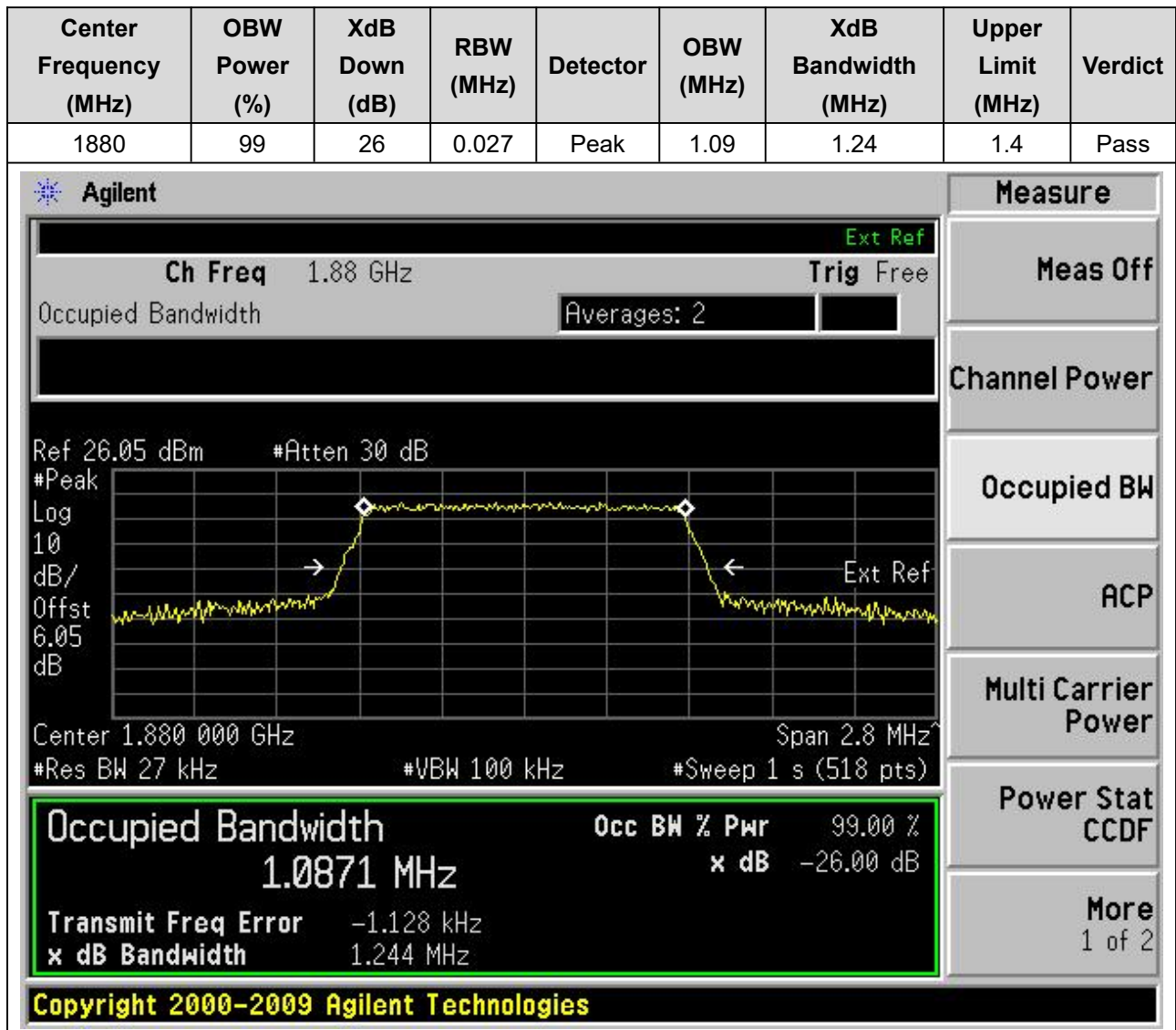
1.2 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18607, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)



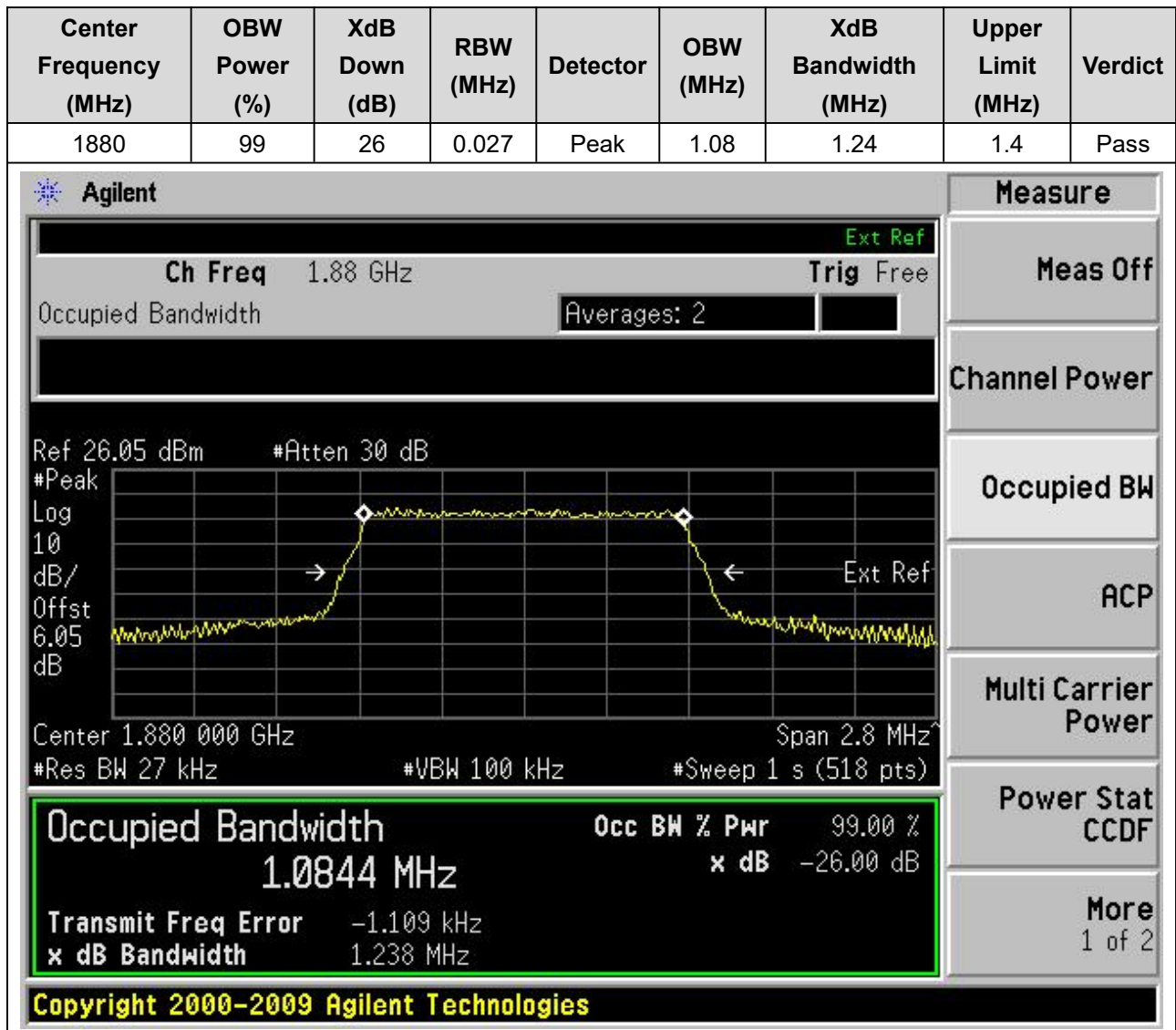
1.3 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18607, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)



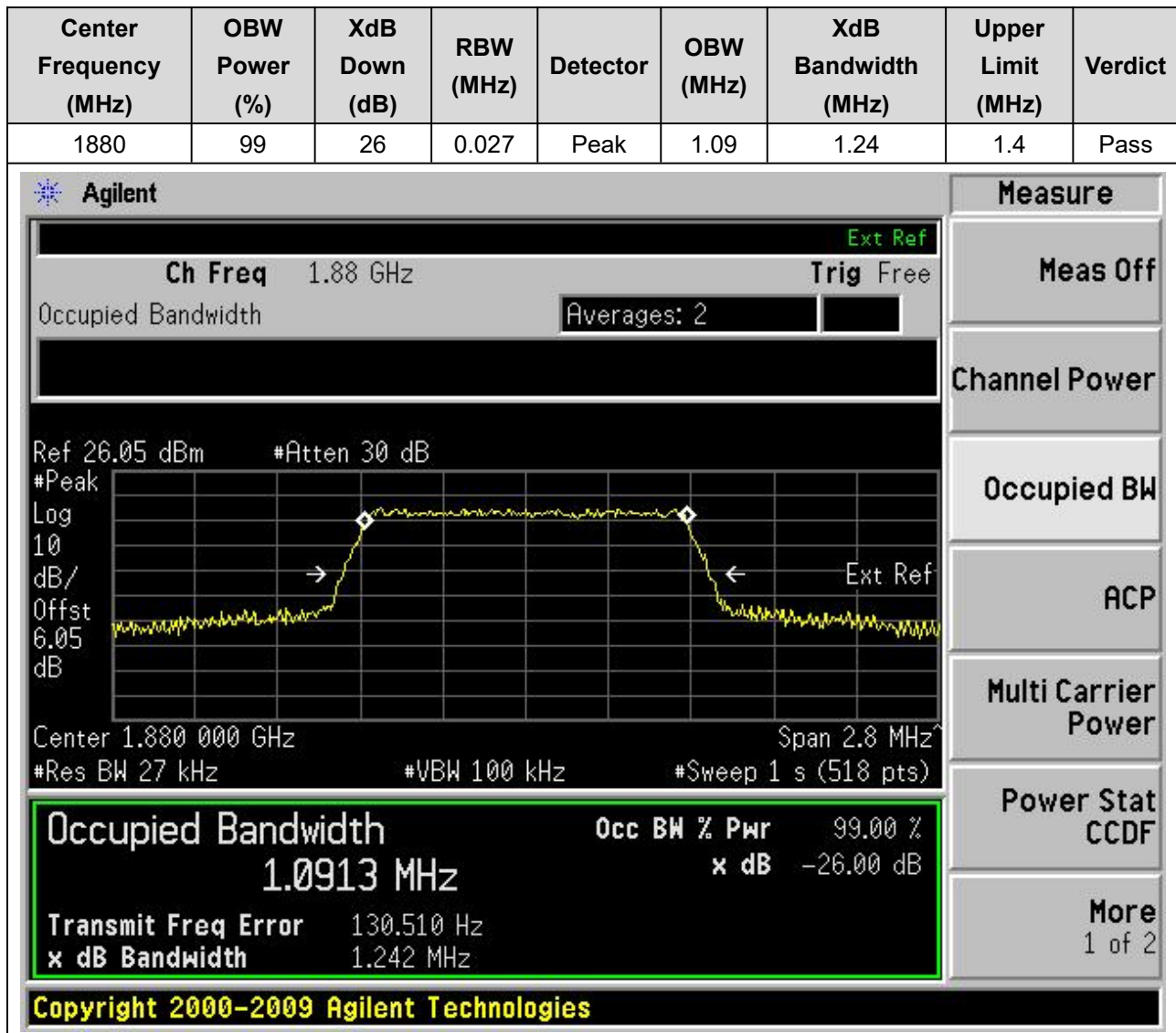
1.4 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



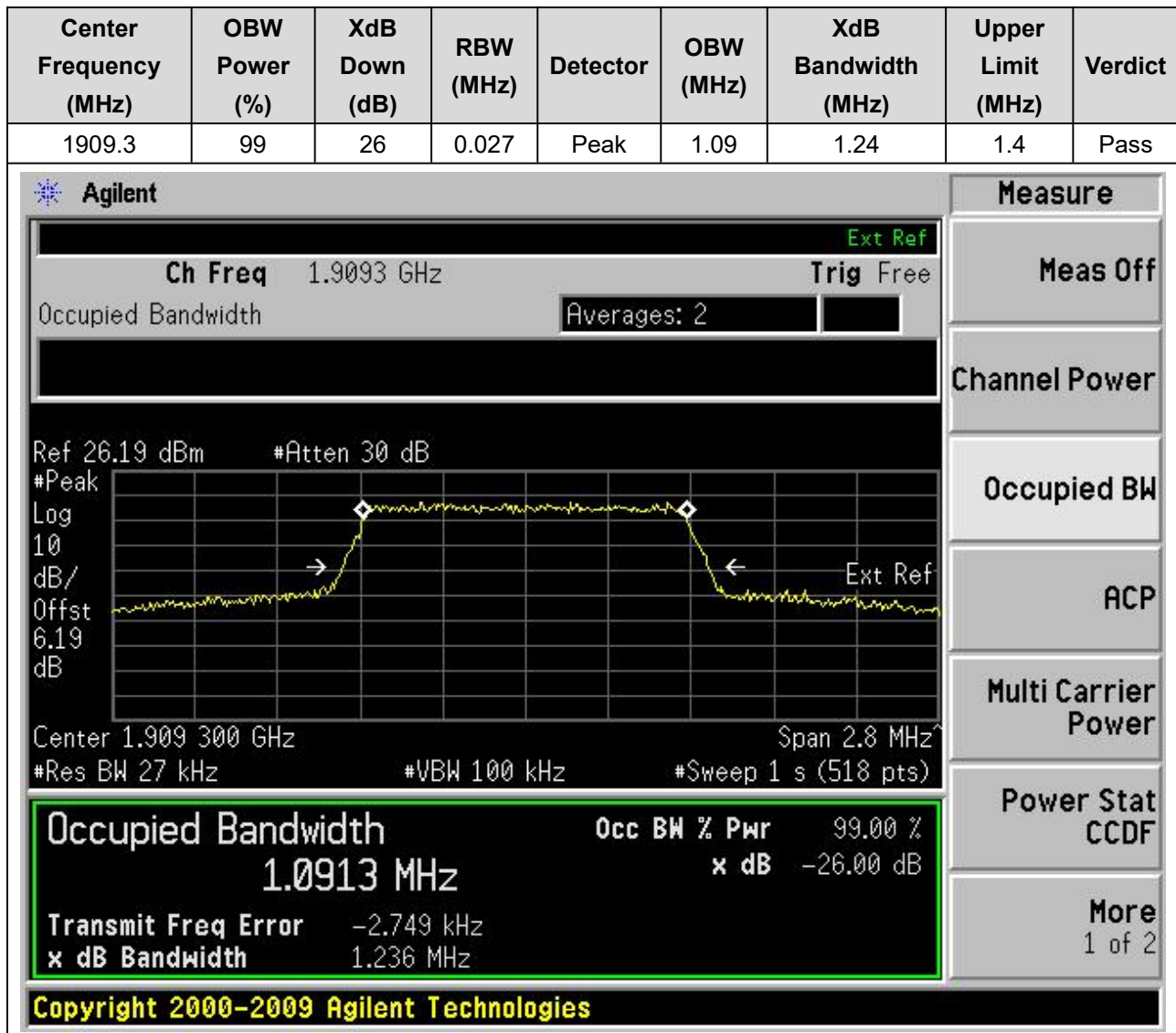
1.5 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)



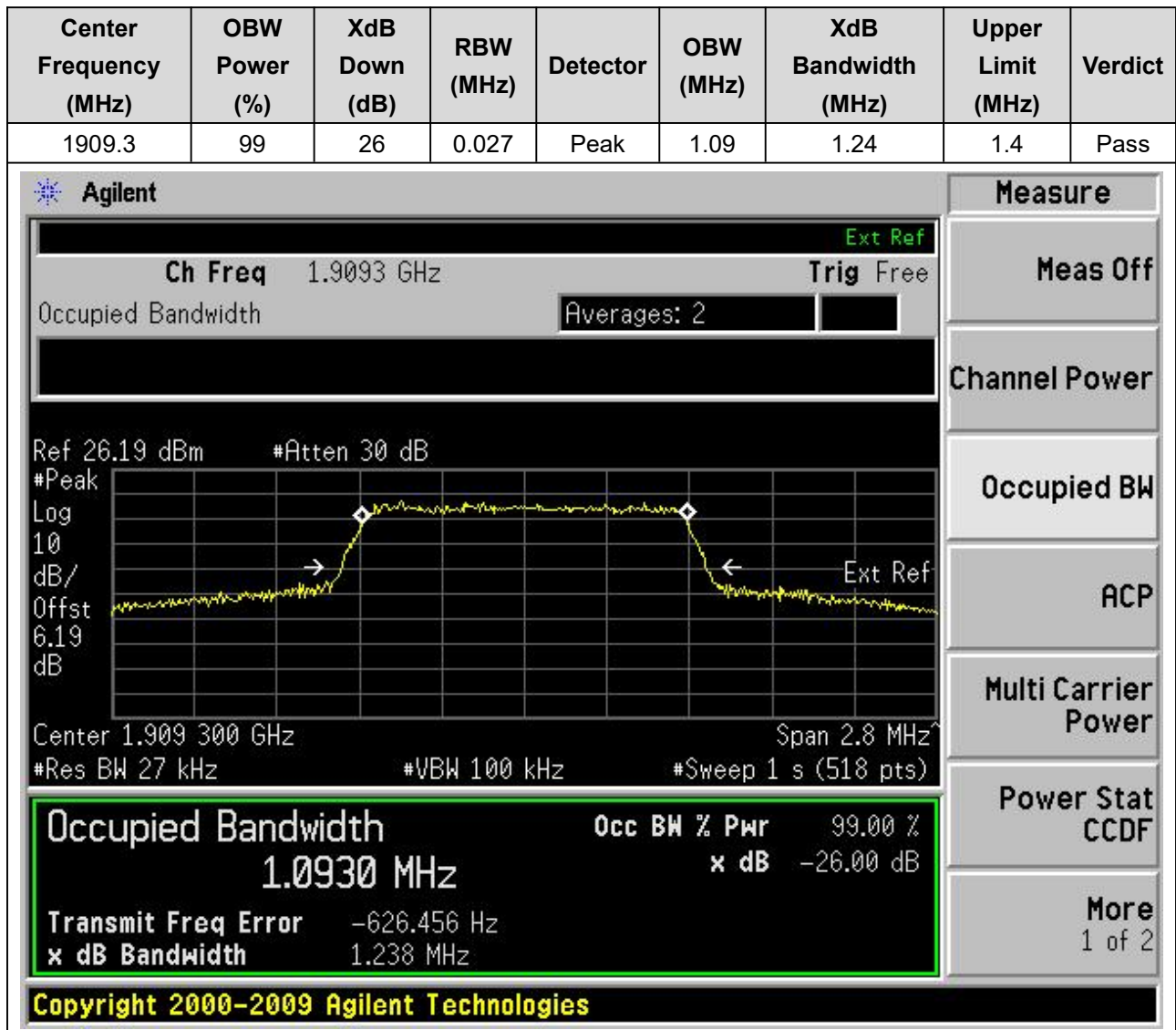
1.6 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)



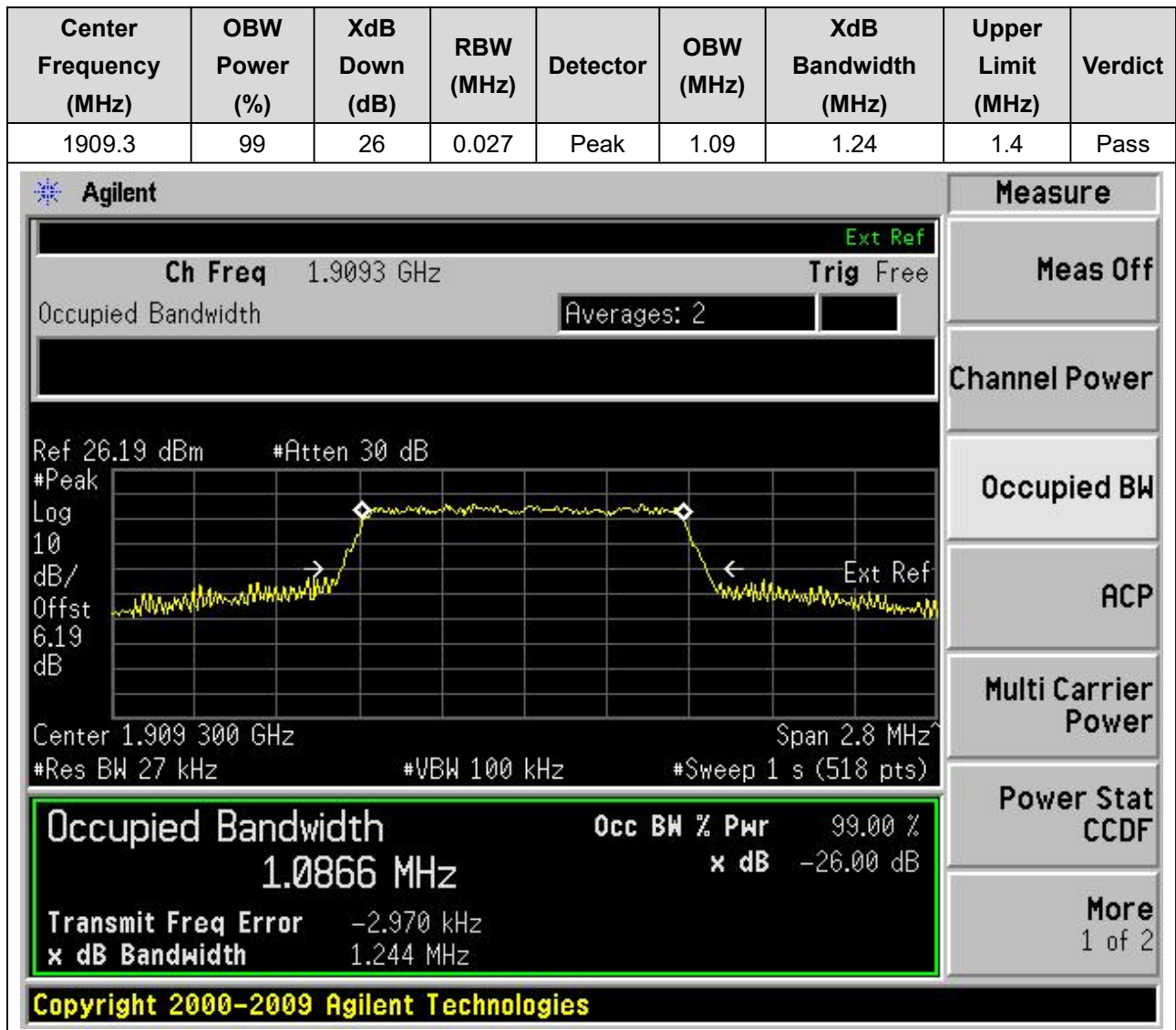
1.7 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



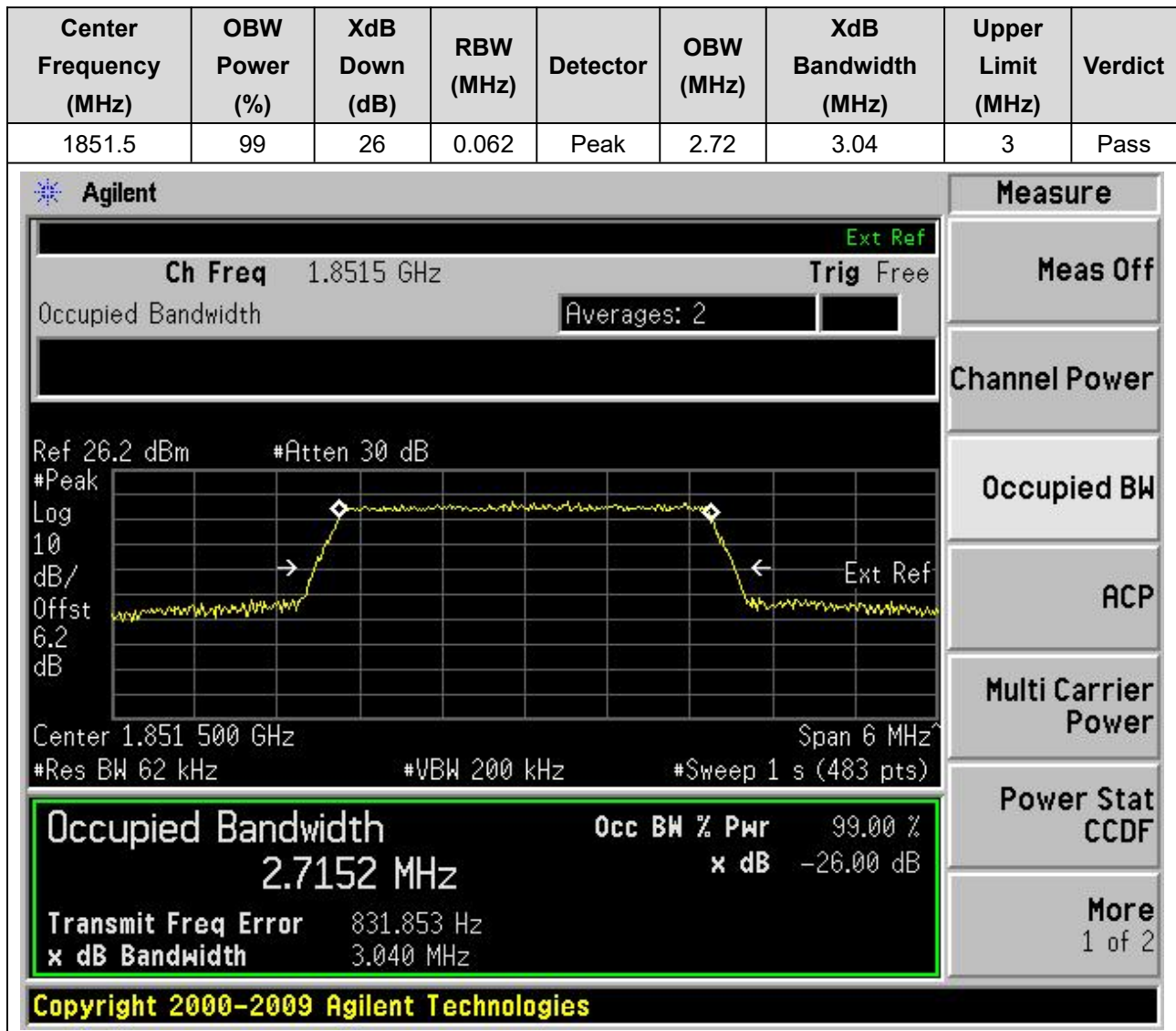
1.8 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19193, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)



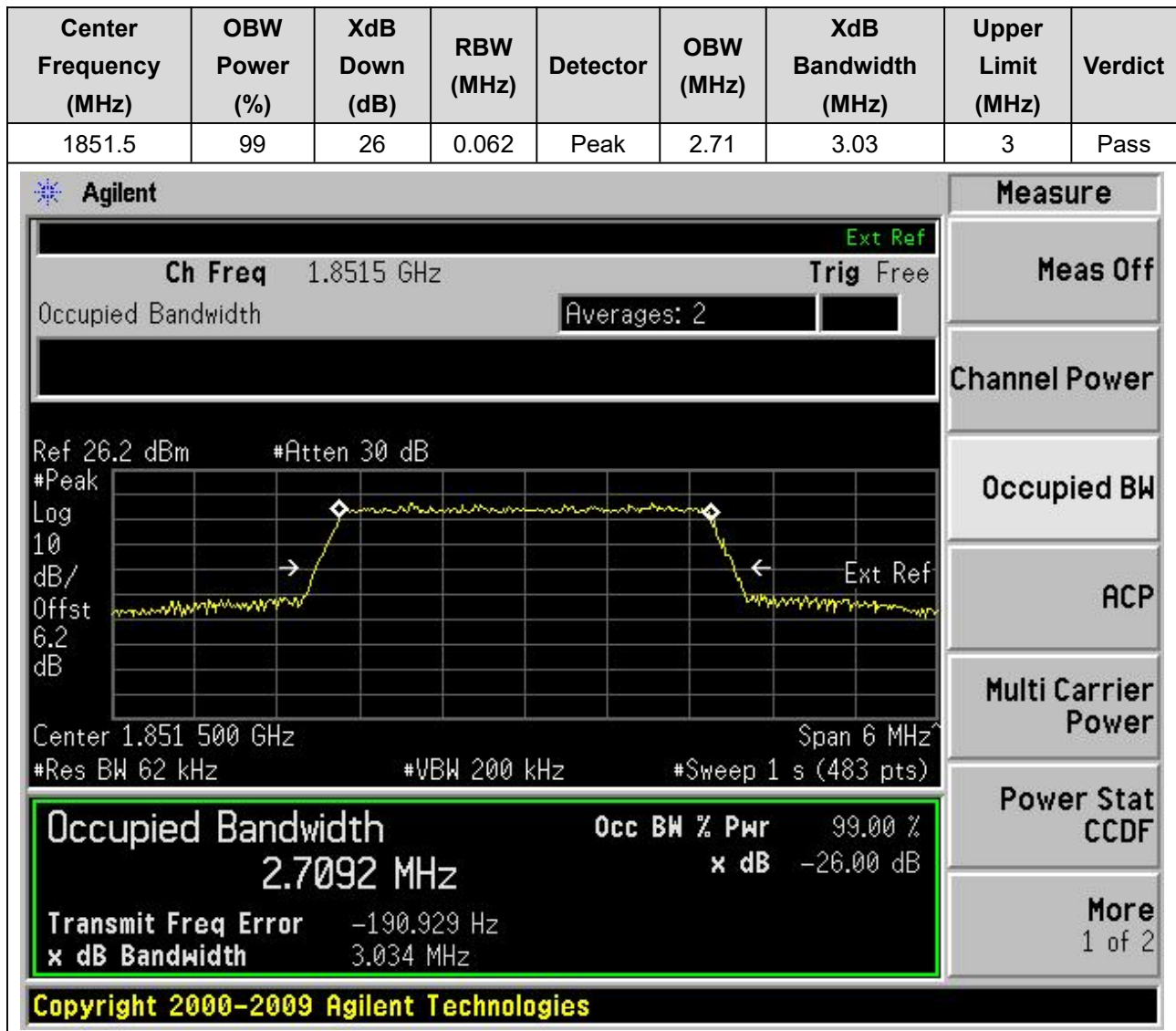
1.9 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19193, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)



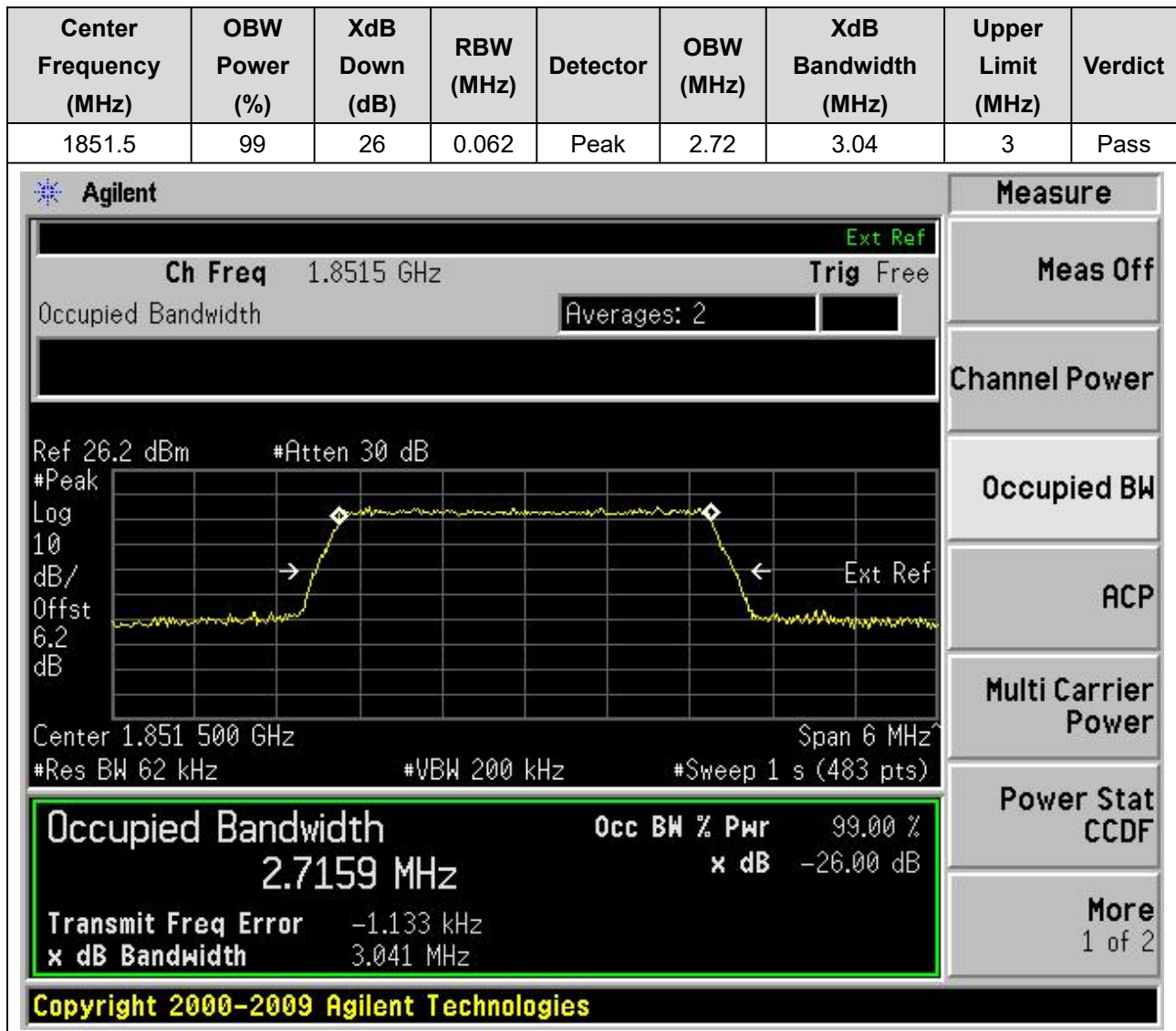
1.10 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)



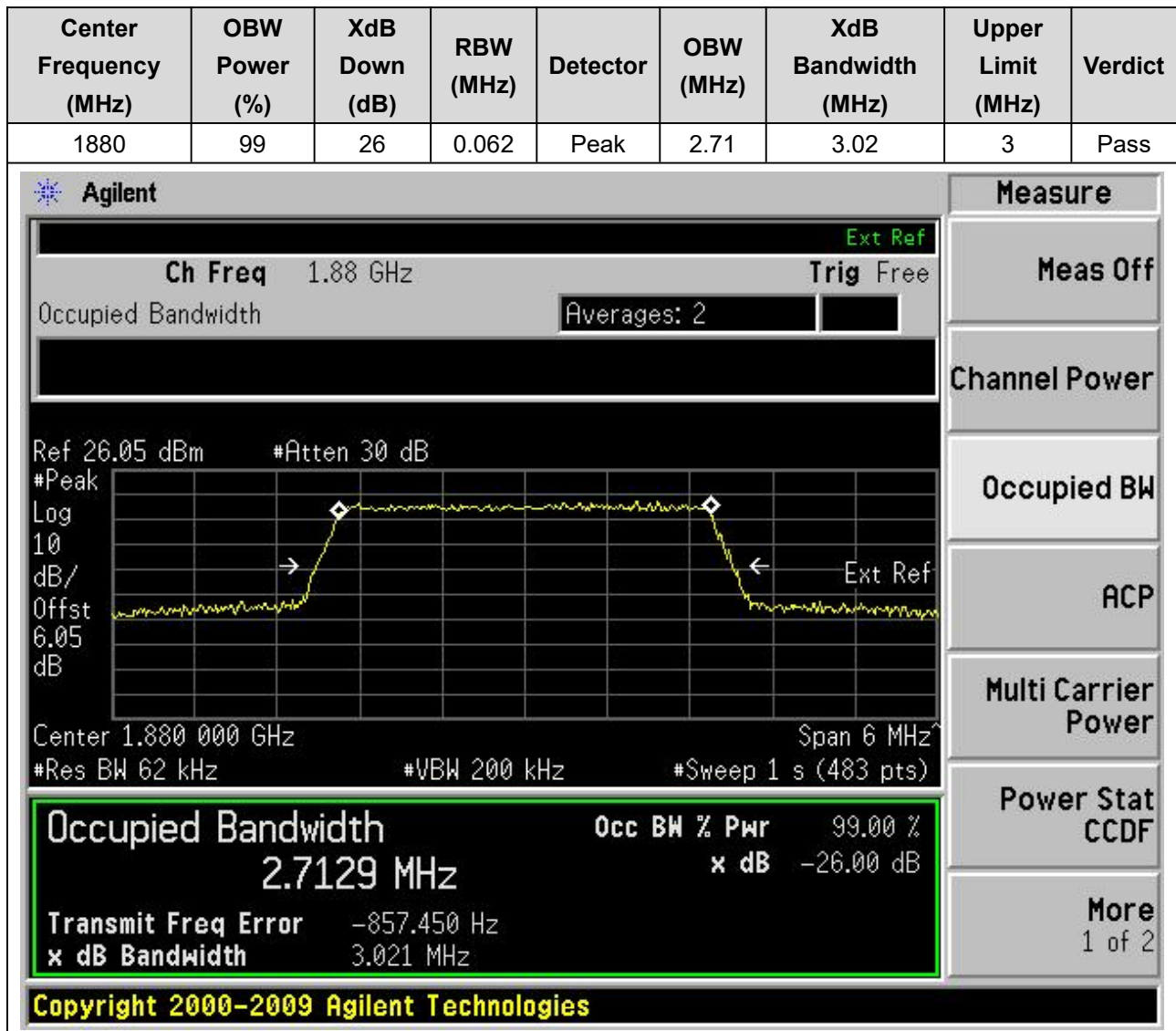
1.11 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18615, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)



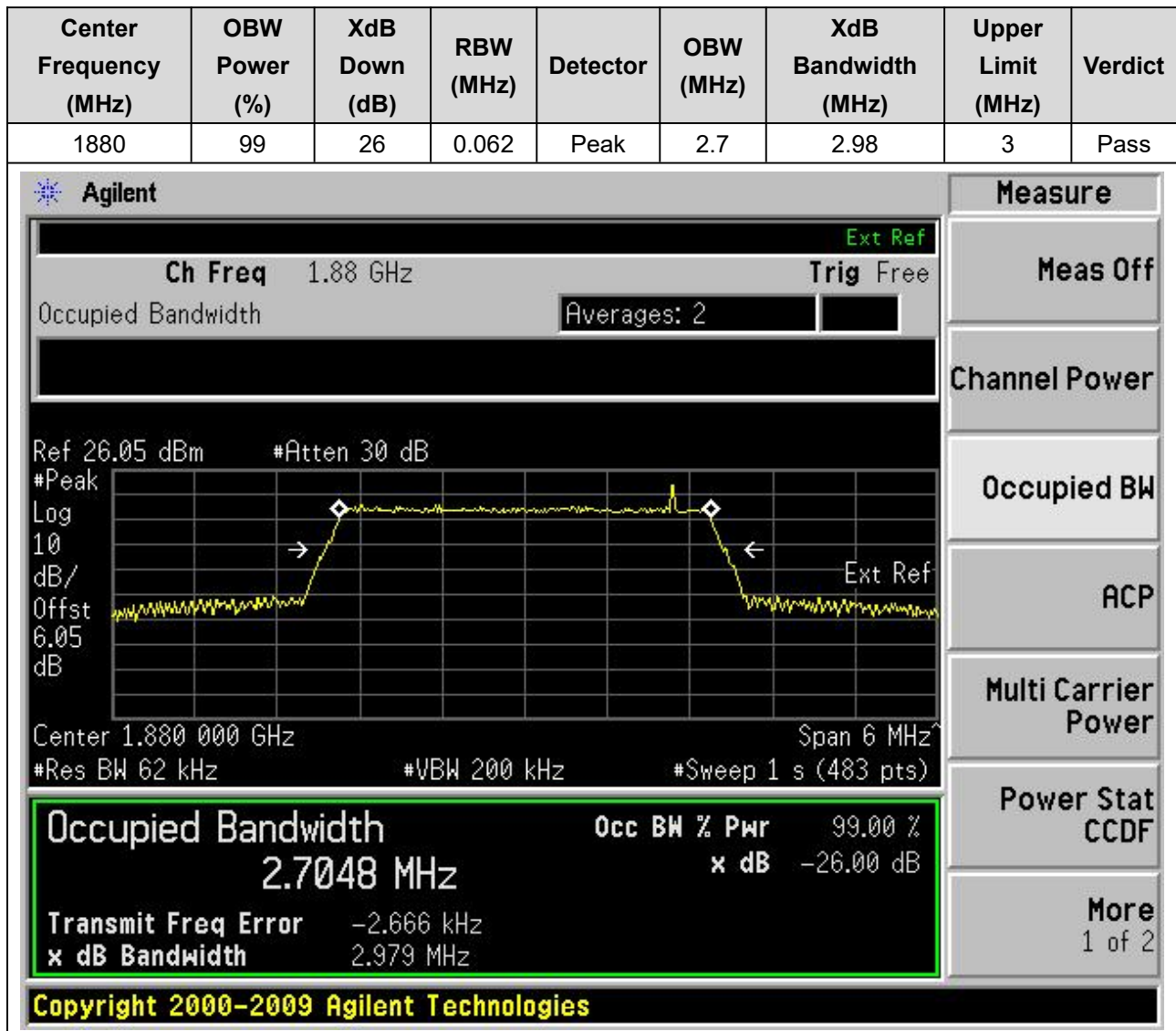
1.12 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18615, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)



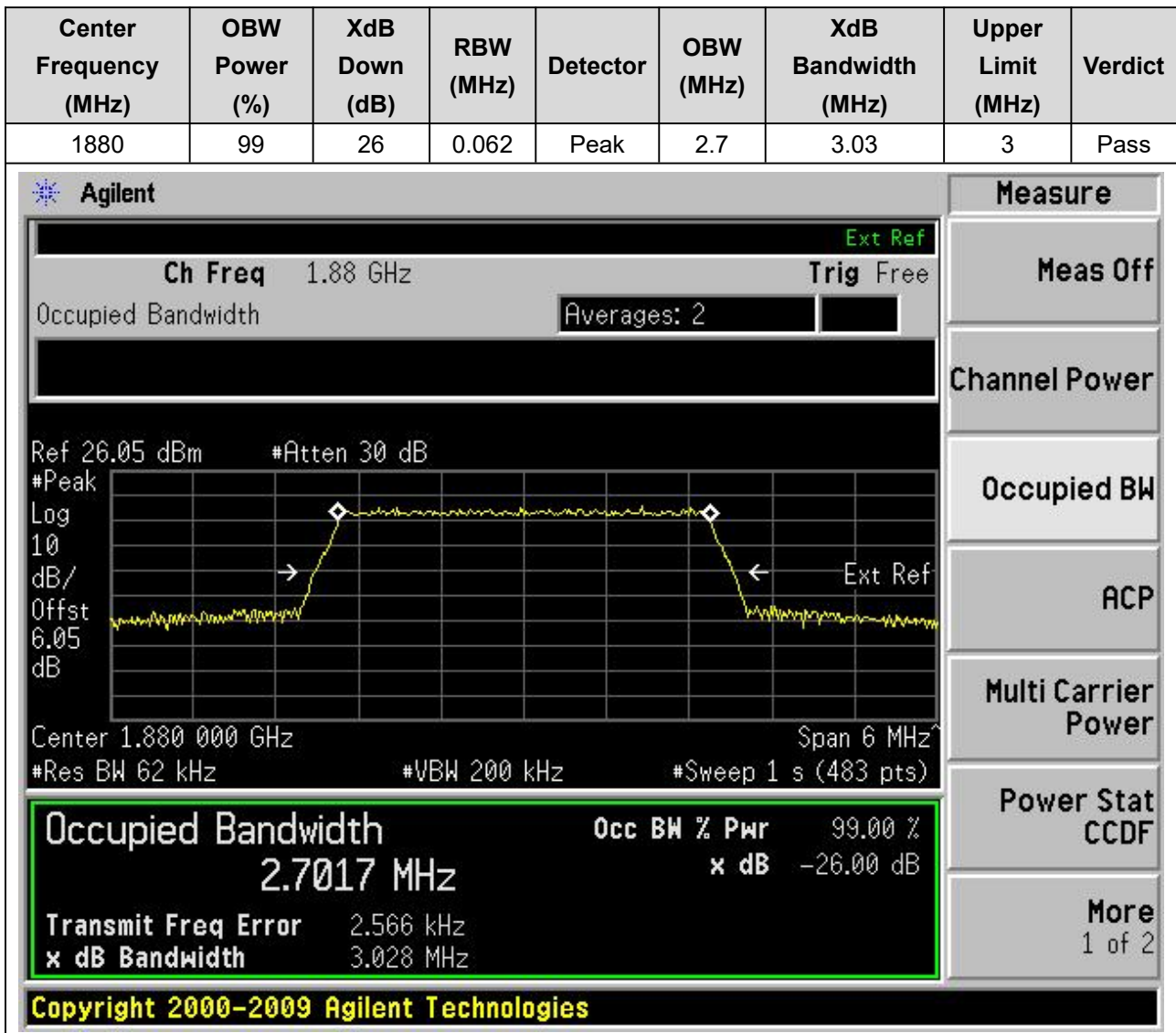
1.13 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)



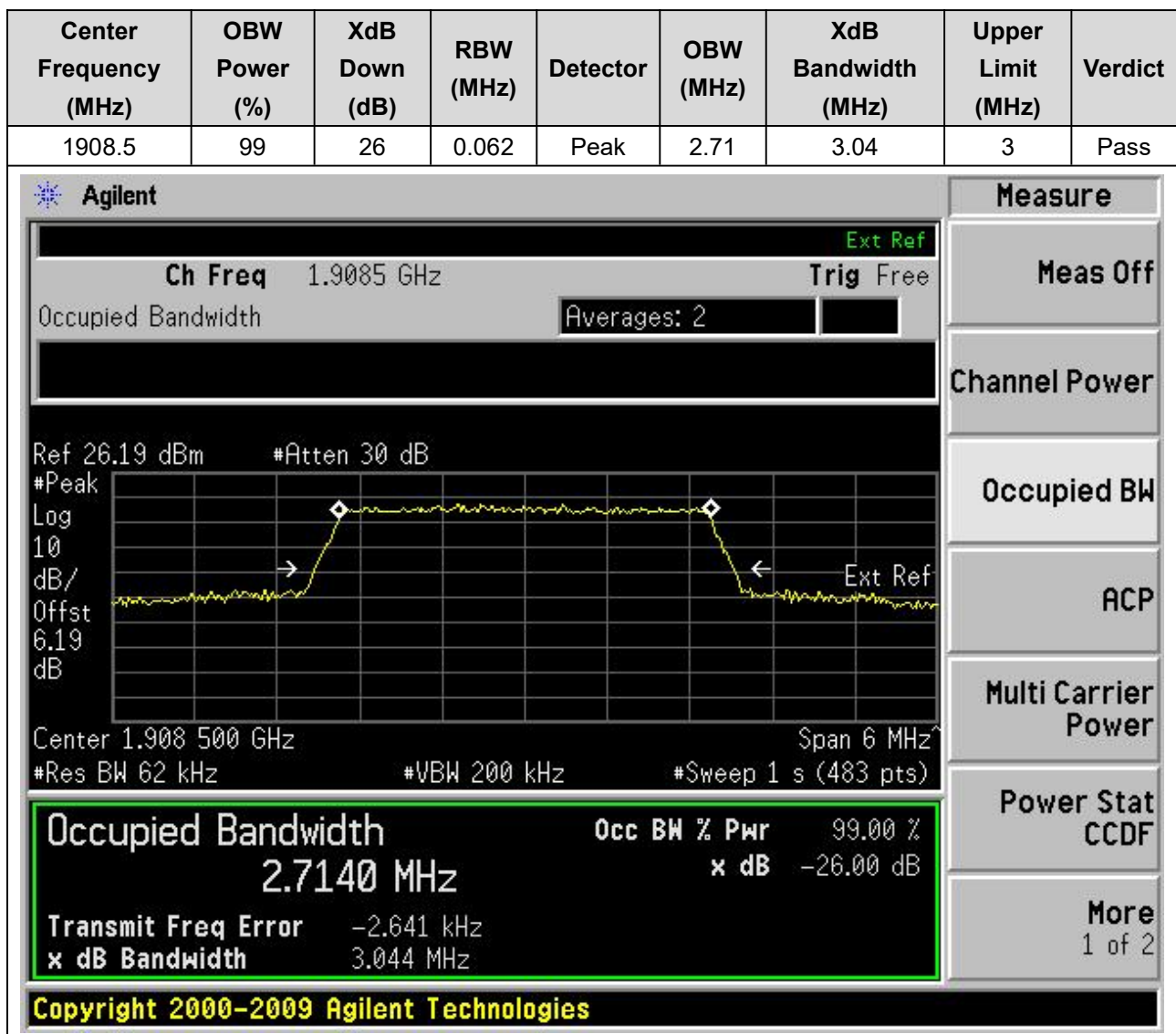
1.14 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)



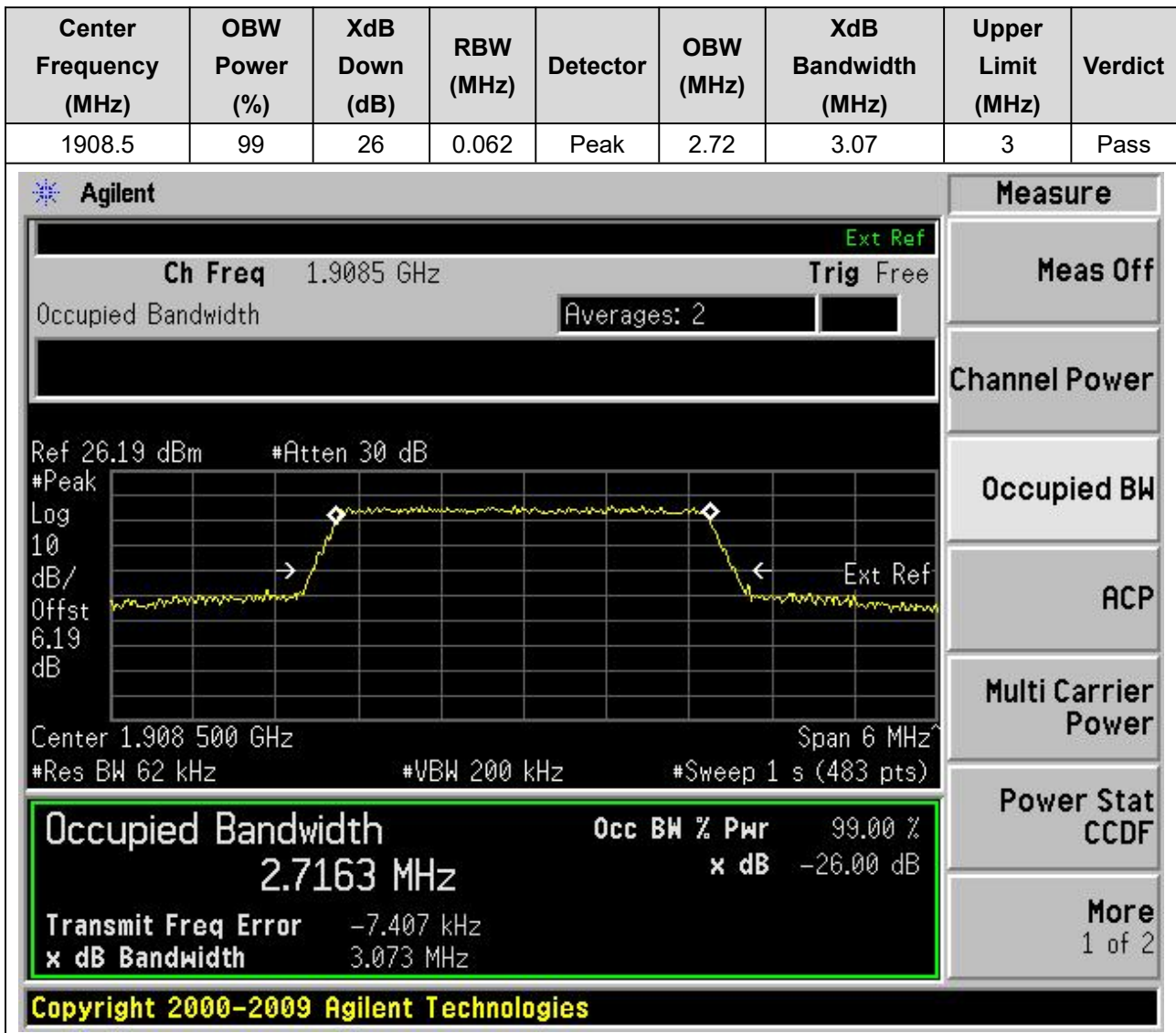
1.15 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)



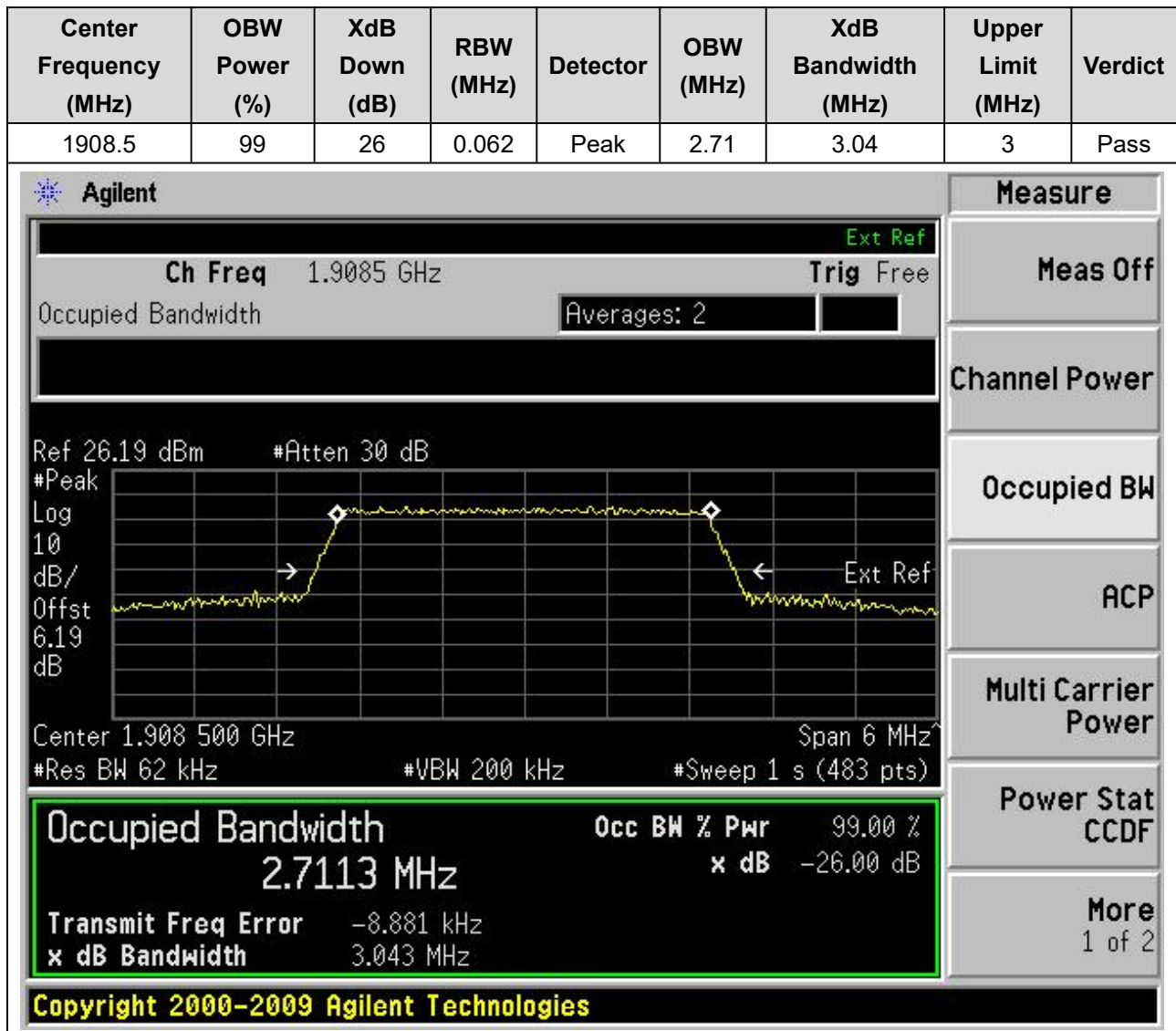
1.16 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)



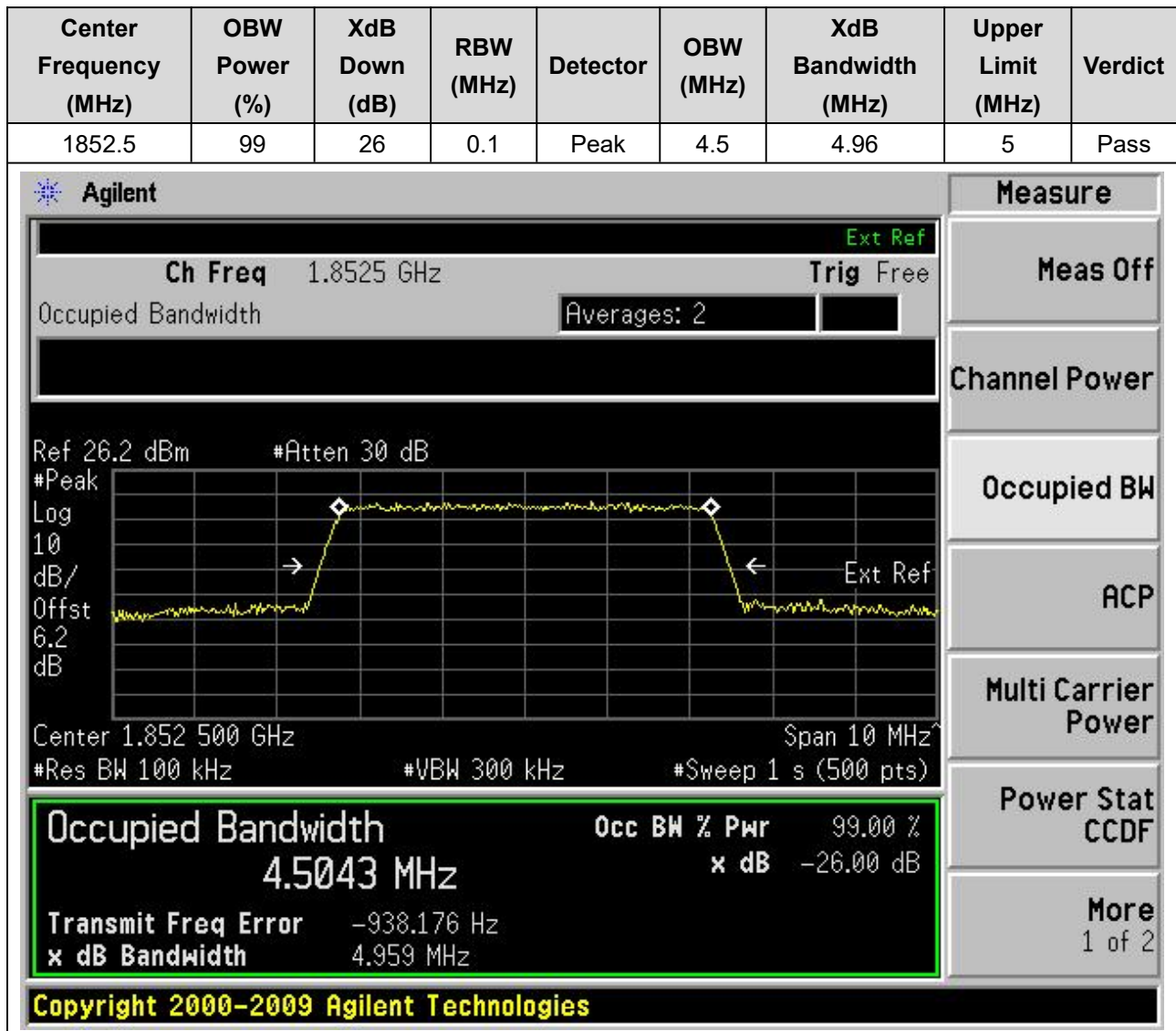
1.17 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19185, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)



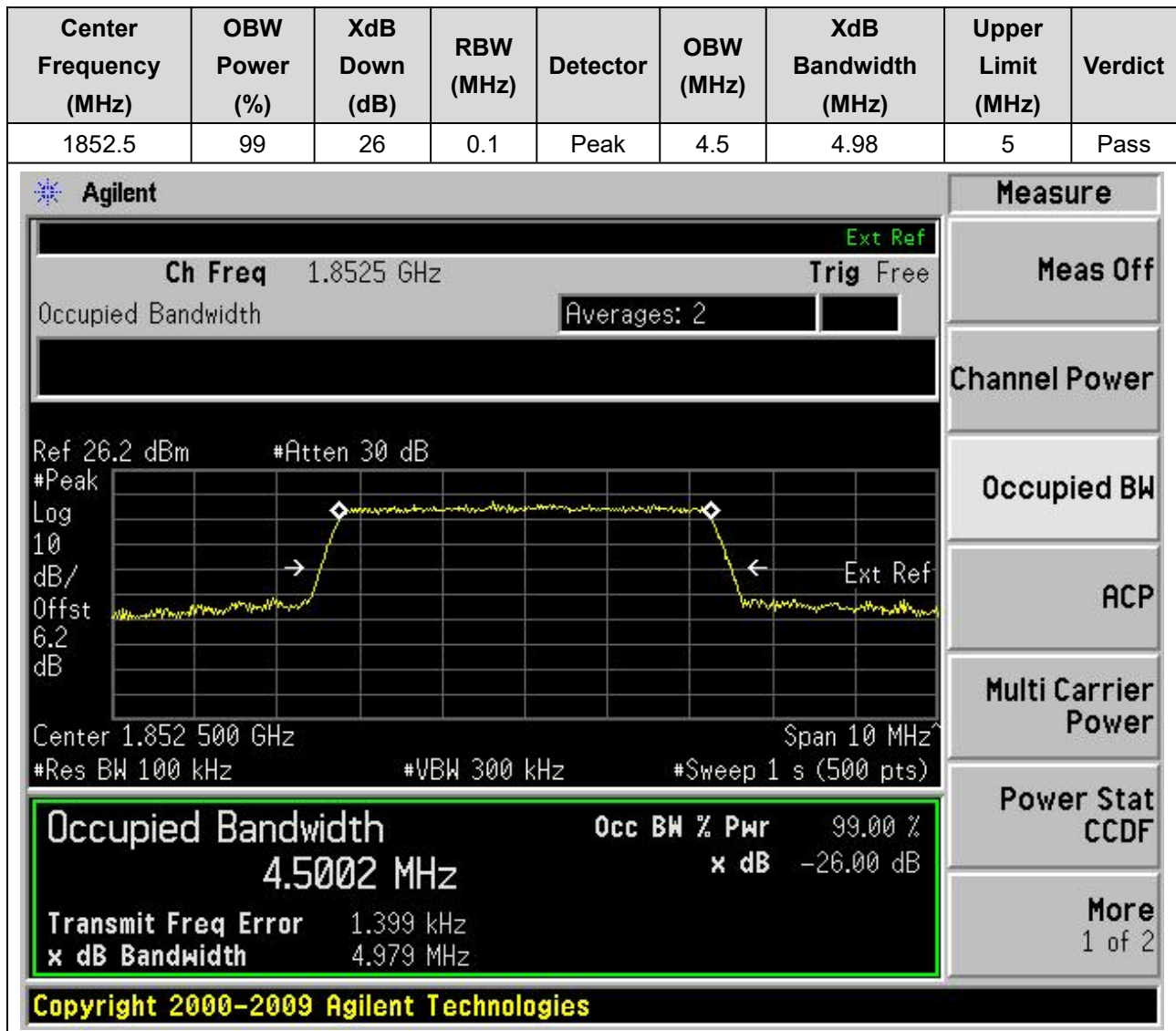
1.18 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19185, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)



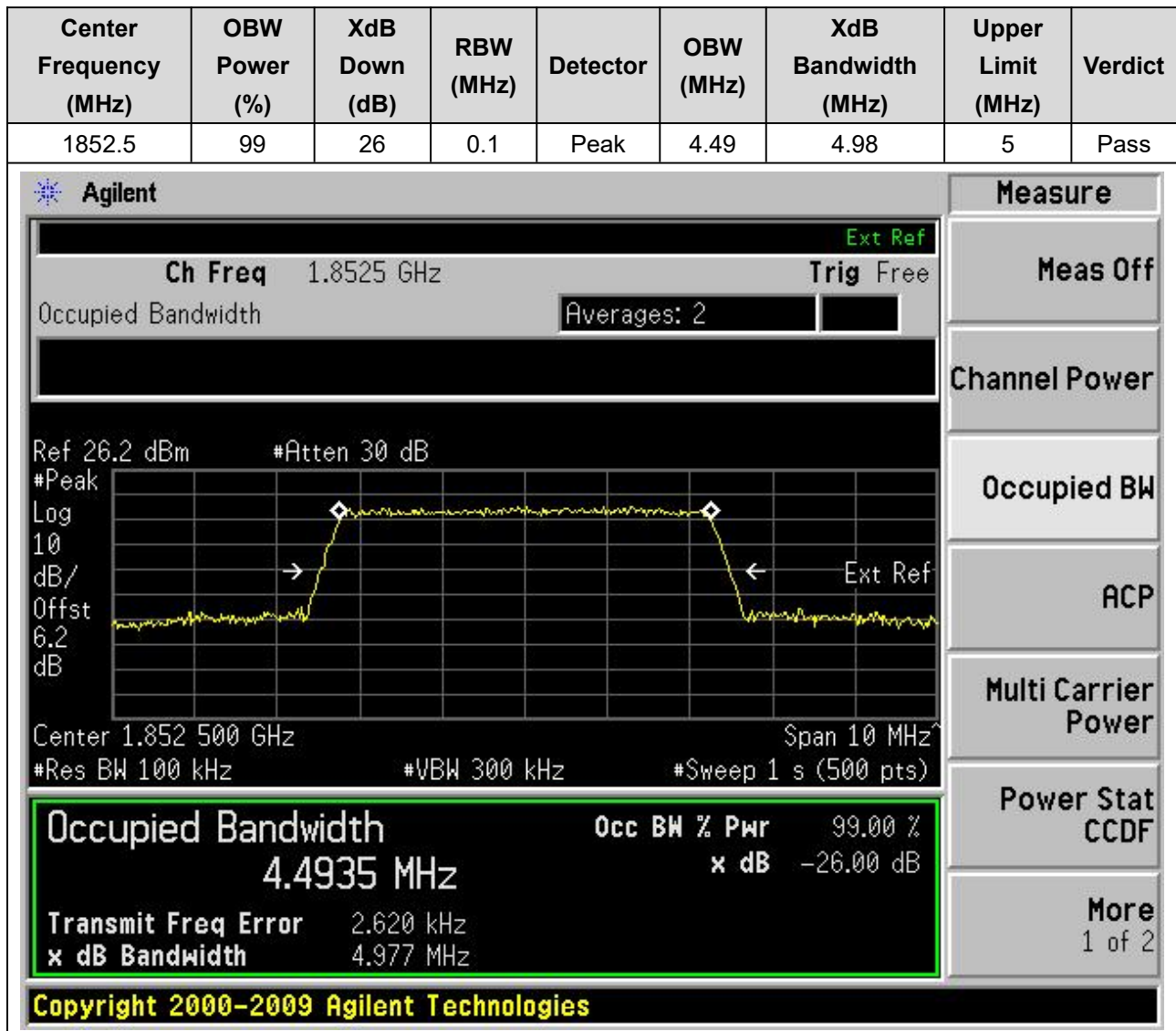
1.19 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



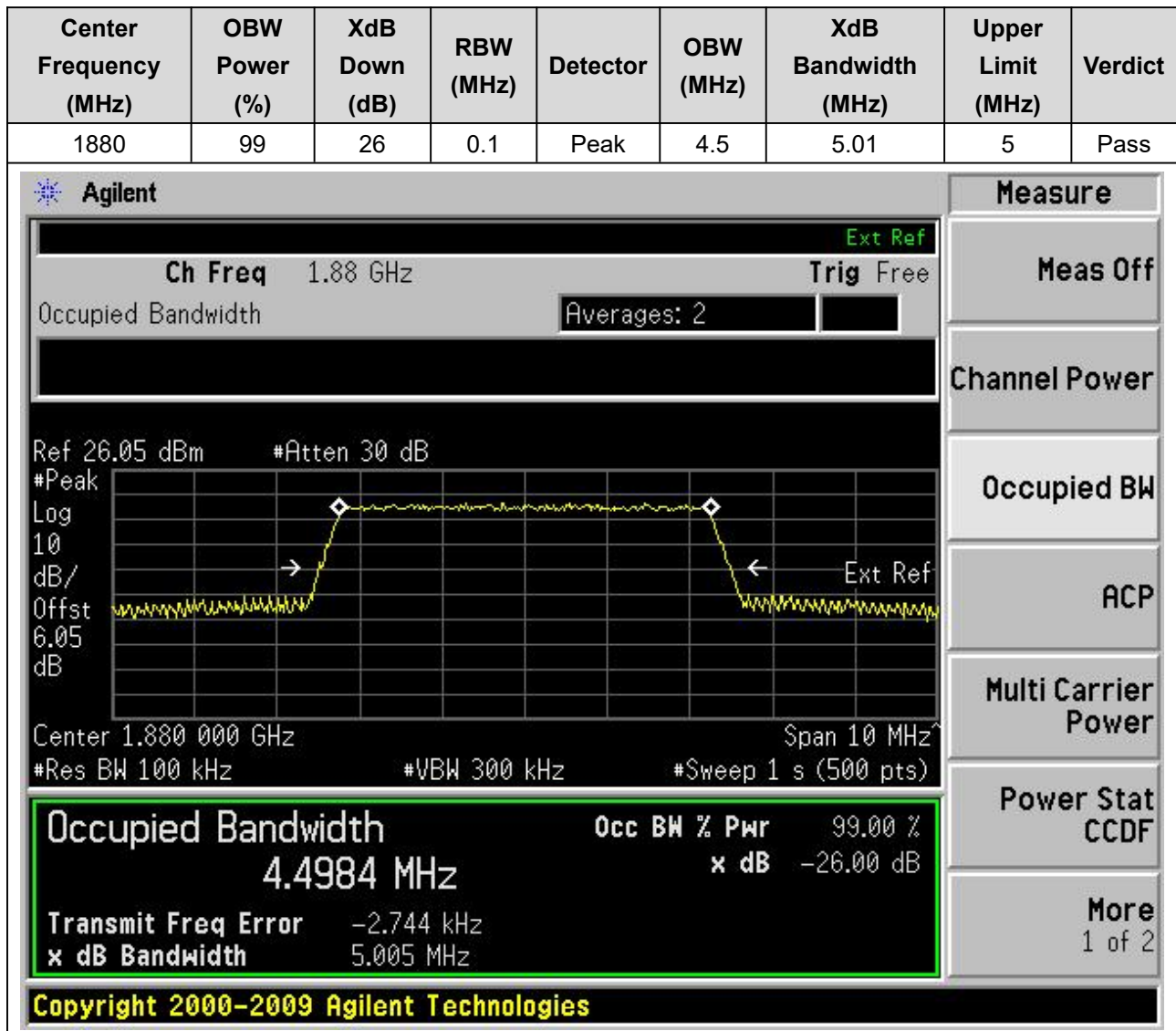
1.20 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18625, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)



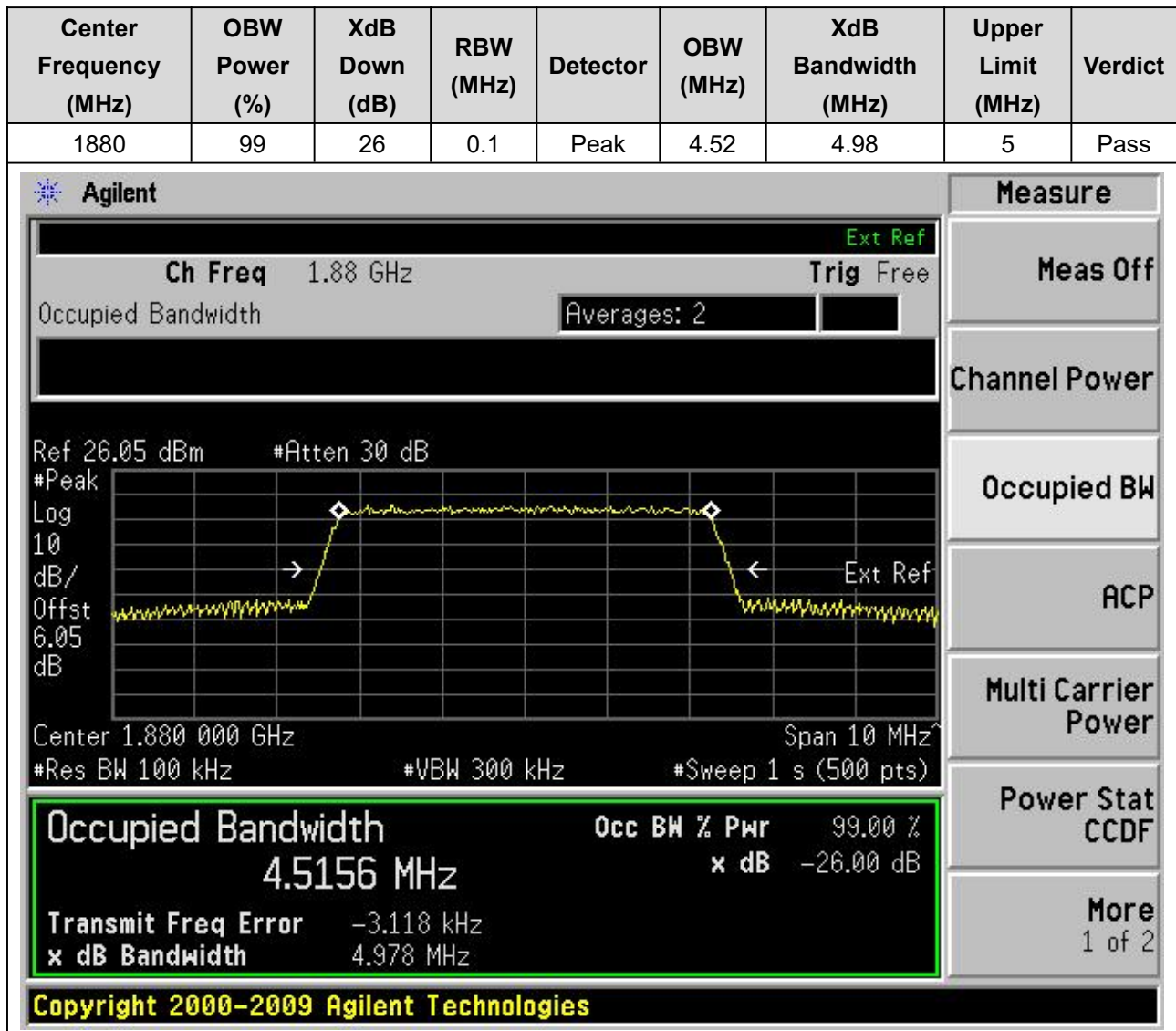
1.21 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18625, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



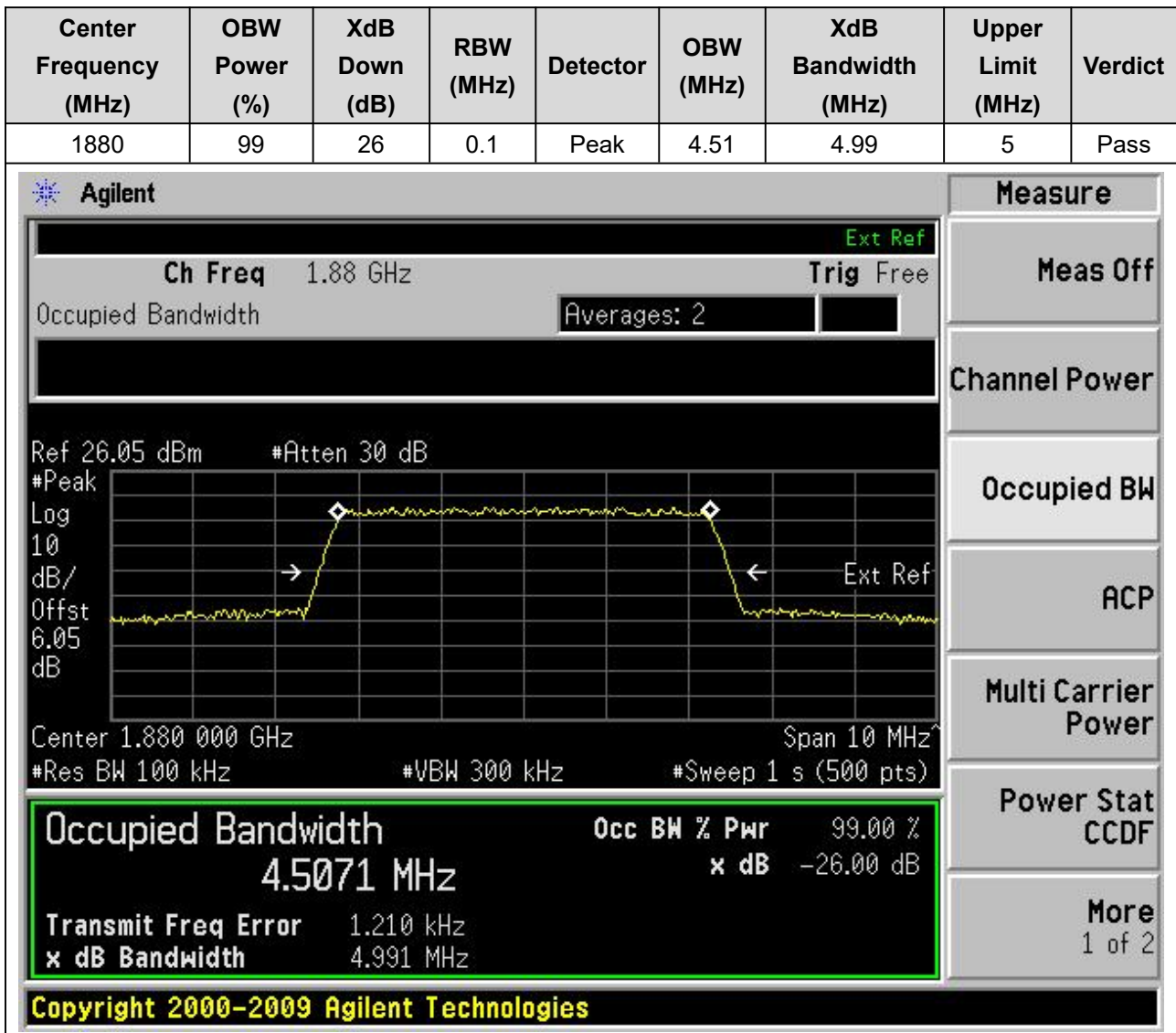
1.22 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



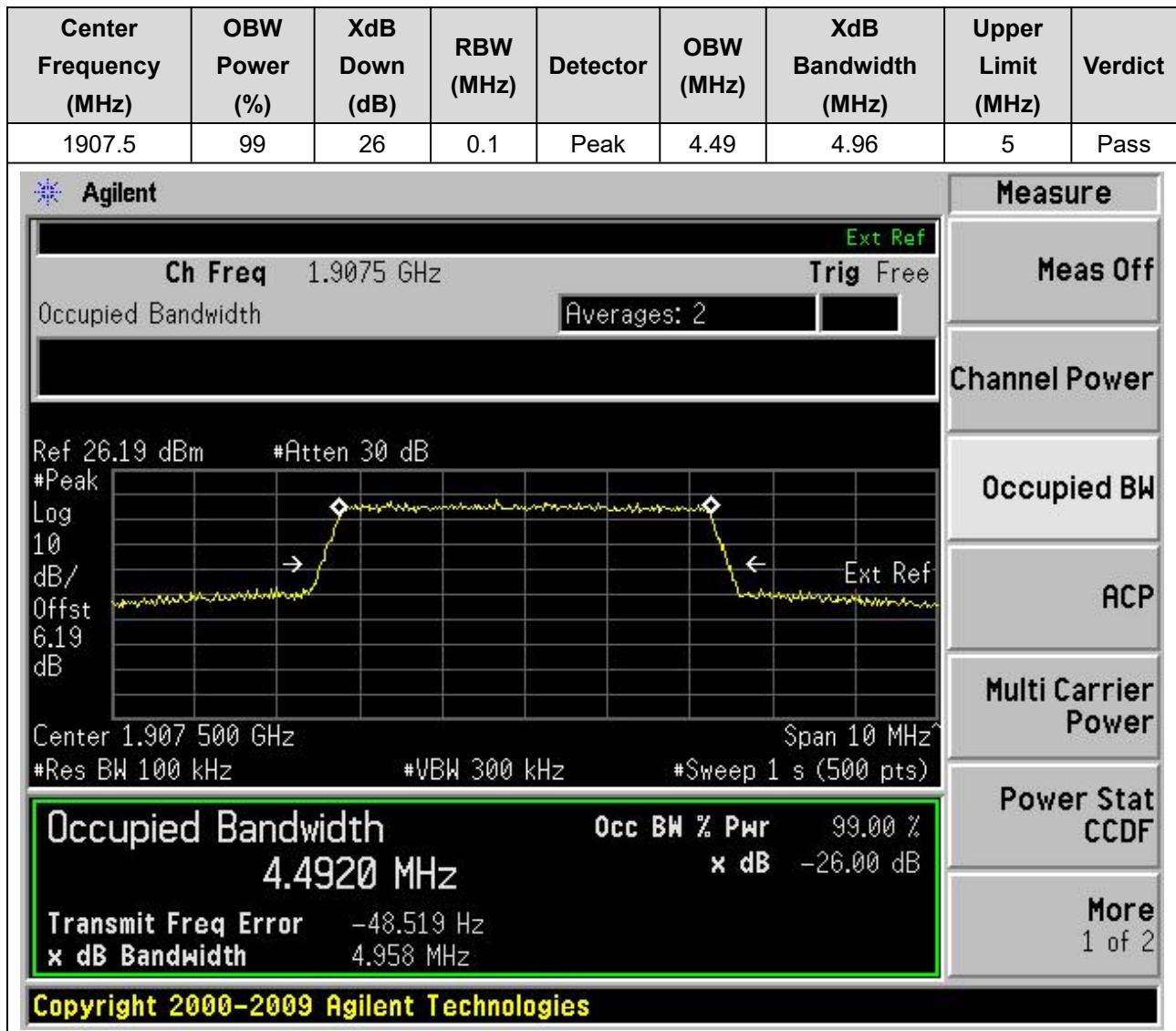
1.23 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)



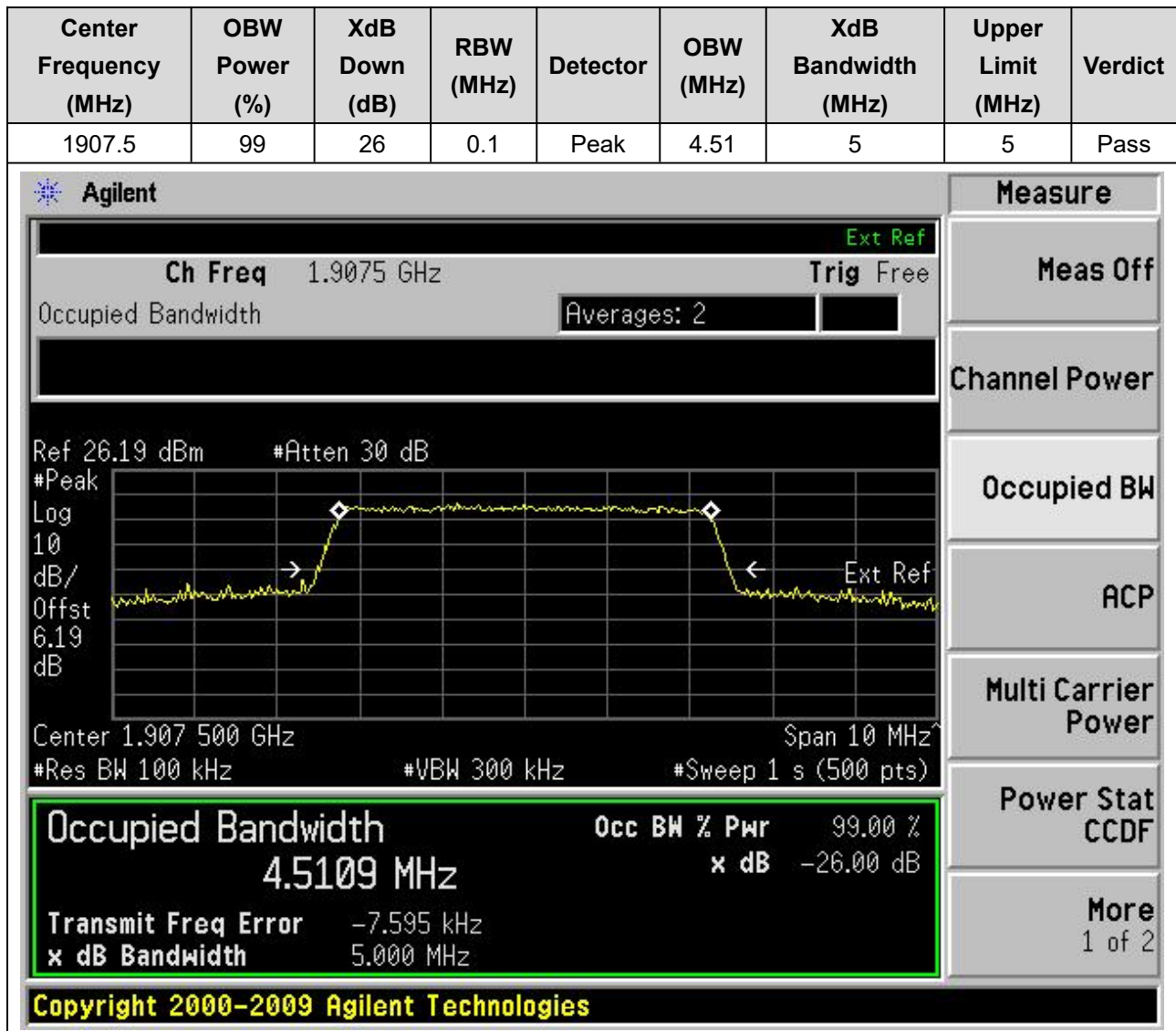
1.24 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18900, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



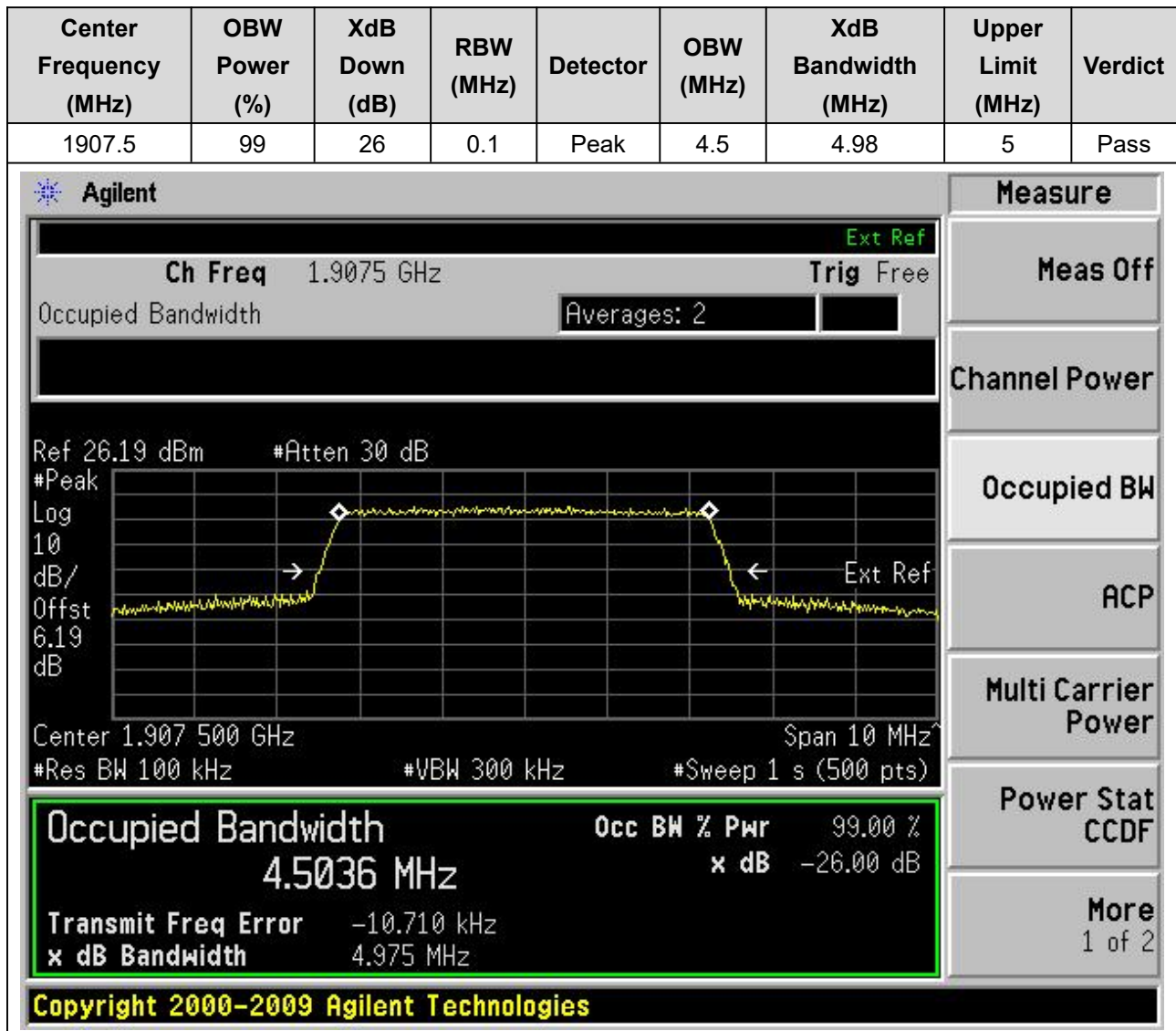
1.25 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



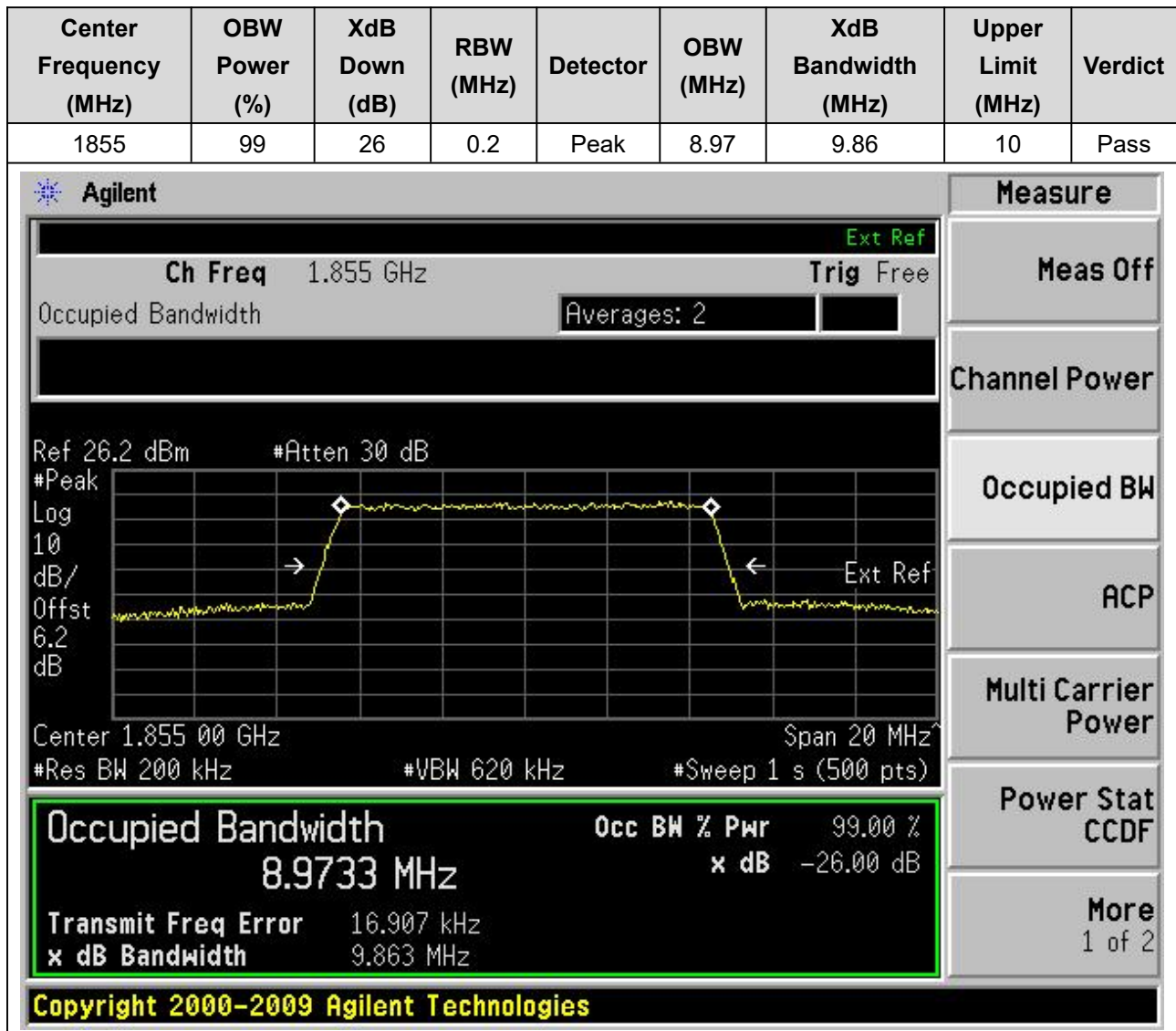
1.26 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19175, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)



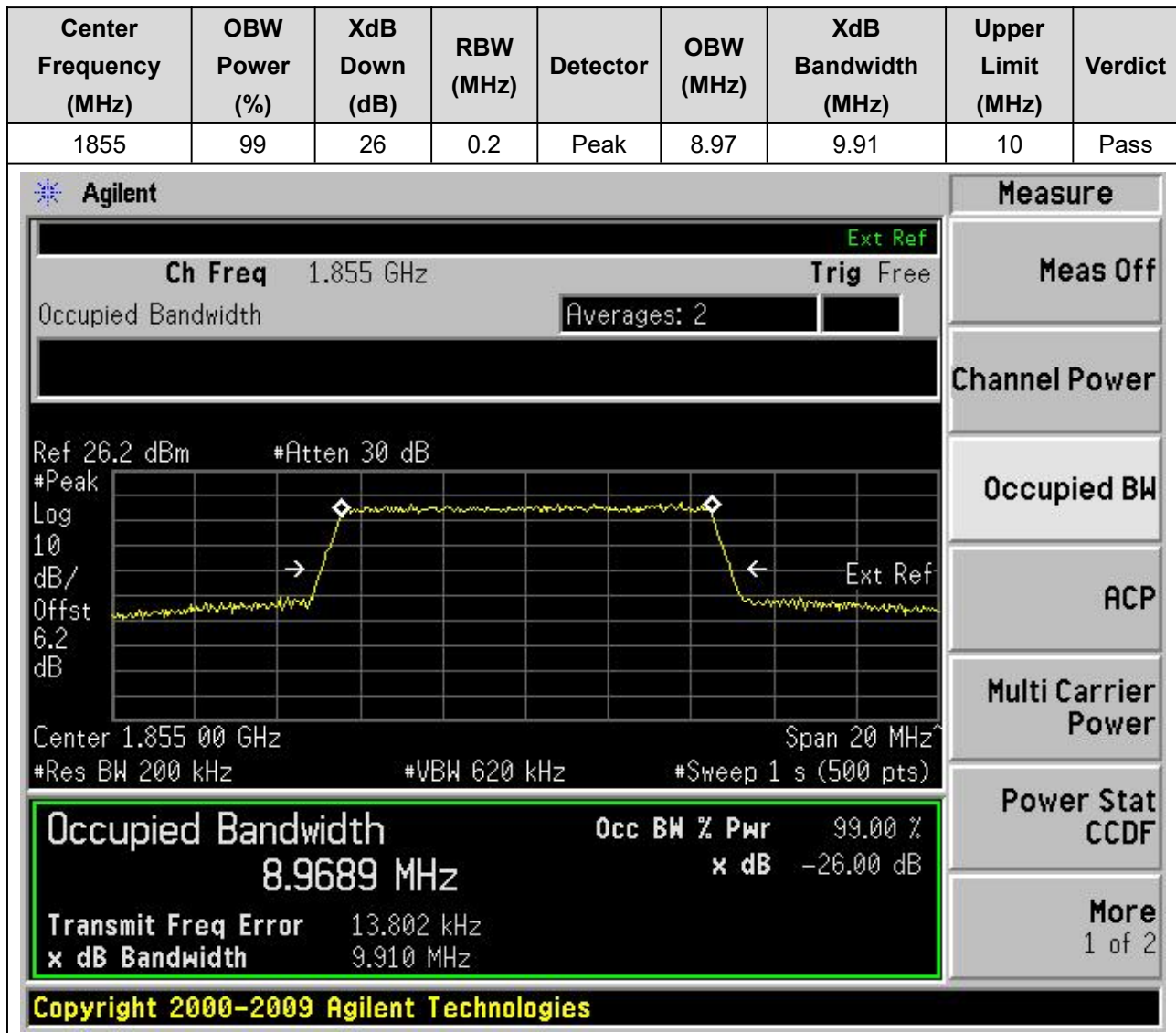
1.27 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:19175, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



1.28 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



1.29 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18650, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



1.30 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(NTNV)(Channel:18650, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

