

Repair Guide Handout

Optical Communications Equipment

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
Ando/Yokogawa	AQ6317	Optical Spectrum Analyzer	January 1, 2008
Ando/Yokogawa	AQ6317B	Optical Spectrum Analyzer	January 1, 2008
HP / Agilent	37717C	Communications Performance Analyzer	No longer serviced
HP / Agilent	37718A	OmniBER 718A Communications Performance Analyzer	November 1, 2009
HP / Agilent	37718B	OmniBER 718 622 Mb/s Comms Analyzer	February 1, 2008
HP / Agilent	37718C	OmniBER 718C Communications Performance Analyzer	July 1, 2008
HP / Agilent	70810B	Lightwave Section	April 1, 2006
HP / Agilent	71400A	Lightwave Signal Analyzer	October 1, 2000
HP / Agilent	8156A	Optical Attenuator Mainframe	December 1, 2008
HP / Agilent	81640A	Tunable Laser Module Low SSE 1600 nm	July 1, 2008
HP / Agilent	81640B	Tunable Laser Module Low SSE 1600 nm	July 1, 2008
HP / Agilent	81642A	1600nm high power Tunable Laser Module	September 2, 2007
HP / Agilent	81642B	1600nm high power Tunable Laser Module	July 1, 2008
HP / Agilent	81680A	Tunable Laser Module Low SSE 1550 nm	September 2, 2007
HP / Agilent	81680B	Tunable Laser Module Low SSE 1550 nm	July 1, 2008
HP / Agilent	81682A	Tunable Laser Module +8Bm 1550 nm	September 2, 2007
HP / Agilent	81682B	Tunable Laser Module 1550 nm	July 1, 2008
HP / Agilent	81600B	Tunable Laser Source Family	OEM Supported
HP / Agilent	81689A	Compact Tunable Laser	July 1, 2008
HP / Agilent	83440B	Optical to Electrical converter DC-6 GHz Lightwave Converter	November 1, 2010
HP / Agilent	83440C	Optical to Electrical converter DC-20 GHz Lightwave Converter	November 1, 2010
HP / Agilent	83440D	Optical to Electrical converter DC-32 GHz Lightwave Converter	November 1, 2010
HP / Agilent	8504A	Lightwave Precision Reflectometer	July 1, 2000
HP / Agilent	8504B	Lightwave Precision Reflectometer	May 1, 2006
HP / Agilent	8509A	Lightwave Polarization Analyzer	November 1, 2002
HP / Agilent	8509B	Lightwave Polarization Analyzer	January 1, 2007
HP / Agilent	8509C	Lightwave Polarization Analyzer w L band capacity	May 1, 2006
HP / Agilent	86105A	DCA Module 20 GHz optical / 20 GHz electrical module	December 1, 2008
HP / Agilent	86120A	Multi-wavelength meter 700 nm to 1650 nm	April 1, 2002
HP / Agilent	86120B	Multi-wavelength meter 700 nm to 1650 nm	OEM Supported
HP / Agilent	86120C	Multi-wavelength meter 1270 nm to 1650 nm	OEM Supported
HP / Agilent	86140A	OSA - Optical Spectrum Analyzer Benchtop	October 1, 2006
HP / Agilent	86140B	OSA - Optical Spectrum Analyzer Benchtop	April 1, 2010
HP / Agilent	86141B	OSA - Optical Spectrum Analyzer Benchtop	April 30, 2008

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
HP / Agilent	86142A	OSA - Optical Spectrum Analyzer	February 1, 2007
HP / Agilent	86142B	High Performance Optical Spectrum Analyzer	OEM Supported
HP / Agilent	86143B	OSA - Optical Spectrum Analyzer	August 1, 2010
HP / Agilent	86144B	OSA - Optical Spectrum Analyzer	April 30, 2008
HP / Agilent	86145A	Optical Spectrum Analyzer-portable unit	October 1, 2006
HP / Agilent	86145B	OSA - Optical Spectrum Analyzer	August 1, 2010
HP / Agilent	86146B	OSA - Optical Spectrum Analyzer	OEM Supported
HP / Agilent	8703A	Lightwave Component Analyzer	December 1, 2006
HP / Agilent	8703B	Lightwave Component Analyzer	July 1, 2010
Tektronix	ST-2400A	SDH/SONET Test Set	April 1, 2002

RF & Communications Equipment

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
Anritsu	MP1763B	BERT Testor Pattern Generator	April 1, 2006
Anritsu	MP1763C	Pulse Pattern Generator	April 1, 2006
Anritsu	MP1764A	BERT Testor Error Detector	April 1, 2006
Anritsu	MP1764C	Error Detector	April 1, 2006
HP / Agilent	70612/B	MMS interface module	October 1, 2003
HP / Agilent	70612A	Interface Module	December 1, 2004
HP / Agilent	70612C	Interface Module, dc to 26.5 GHz	December 1, 2004
HP / Agilent	70843A	12 Gb/s Bit Error Rate Tester (Part of 70612A/B/C System)	December 1, 2003
HP / Agilent	70843B	12 Gb/s Bit Error Rate Tester (Part of 70612A/B/C System)	July 1, 2006
HP / Agilent	70843C	12.5 Gb/s Bit Error Performance analyzer (Part of 70612A/B/C System)	July 1, 2008
HP / Agilent	71612B	12 Gb/s Error Performance analyzer (System)	July 1, 2006
HP / Agilent	71612C	12.5 Gb/s Error Performance analyzer (System)	July 1, 2008
HP / Agilent	83480A	Digital Communications Analyzer	October 1, 2006
HP / Agilent	83480B	Digital Communications Analyzer	October 1, 2006
HP / Agilent	83481A	Plug-in module with a 3 GHz optical and a 20 GHz electrical channel	October 2, 2006
HP / Agilent	83483A	Plug in dual channel electrical module	October 2, 2006
HP / Agilent	83486A	Plug-in module with a 3 GHz optical and a 20 GHz electrical channel	October 2, 2006
HP / Agilent	83487A	Plug-in module with a 3 GHz optical and a 20 GHz electrical channel	October 2, 2006
HP / Agilent	86100A	Infiniium DCA Wide-Bandwidth Oscilloscope	January 1, 2007
HP / Agilent	86100B	Infiniium DCA Wide-Bandwidth Oscilloscope	May 1, 2009
HP / Agilent	86101A	2.8 GHz optical / 20 GHz electrical module	August 1, 2010
HP / Agilent	86102A	10 GHz amplified optical / 20 GHz electrical module	November 1, 2010
HP / Agilent	86103A	2.8 GHz optical / 20 GHz electrical module	August 1, 2010

HP / Agilent	86105A	20 GHz optical / 20 GHz electrical module	December 1, 2008
HP / Agilent	86109A	30 GHz optical / 40 GHz electrical module	November 10, 2008
HP / Agilent	86130A	BitAlyzer® Error Performance Analyzer	April 1, 2008

RF Low Frequency

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
HP / Agilent	3325A	Synthesizer/Function Generator	November 1, 1996
HP / Agilent	3325B	Synthesizer/Function Generator	February 1, 2006
HP / Agilent	3335A	Synthesizer/Level Generator	November 1, 2000

RF Microwave

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
HP / Agilent	70340A	Microwave Synthesizer, 1 GHz to 20 GHz	November 1, 2005
HP / Agilent	8340A	10 MHz 26.5 GHz Synthesized Sweeper	June 1, 2002
HP / Agilent	8340B	Synthesized sweeper, 10 MHz to 26.5 GHz	October 1, 2005
HP / Agilent	83620A	Synthesized Sweeper, 10 MHz to 20 GHz	February 1, 2007
HP / Agilent	83620B	Synthesized Swept-Signal Generator, 0.01 - 20 GHz	November 1, 2008
HP / Agilent	83630A	Synthesized Sweeper, 10 MHz to 26.5 GHz	February 1, 2007
HP / Agilent	83630B	Synthesized Swept-Signal Generator, 0.01 - 26.5 GHz	November 1, 2008 December 27, 2006
HP / Agilent	83640A	Synthesized Sweeper, 10 MHz to 40 GHz	November 1, 2008
HP / Agilent	83640B	Synthesized Swept-Signal Generator, 0.01 - 40 GHz	November 1, 2008
HP / Agilent	83650A	Synthesized Sweeper, 10 MHz to 50 GHz	November 1, 2006
HP / Agilent	83650B	Synthesized Sweeper, 10 MHz to 50 GHz	August 1, 2009
HP / Agilent	8560A	RF Spectrum Analyzer	October 1, 1999
HP / Agilent	8560E	Portable Spectrum Analyzer, 30 Hz to 2.9 GHz	April 1, 2006
HP / Agilent	8560EC	Portable Spectrum Analyzer, 30 Hz to 2.9 GHz	OEM Supported
HP / Agilent	8561A	6.5 GHz RF Spectrum Analyzer	August 1, 2001
HP / Agilent	8561B	RF Spectrum Analyzer	July 1, 1998
HP / Agilent	8561E	Portable Spectrum Analyzer, 30 Hz to 6.5 GHz	April 1, 2006
HP / Agilent	8561EC	Portable Spectrum Analyzer, 30 Hz to 6.5 GHz	May 1, 2009
HP / Agilent	8562A	9 kHz 22 GHz spectrum analyzer	May 1, 2001
HP / Agilent	8562B	9 kHz 22 GHz spectrum analyzer	July 1, 1998
HP / Agilent	8562E	Portable Spectrum Analyzer, 30 Hz to 13.2 GHz	April 1, 2006
HP / Agilent	8562EC	Portable Spectrum Analyzer, 30 Hz to 13.2 GHz	OEM Supported
HP / Agilent	8563A	9 kHz 26.5 GHz spectrum analyzer	December 1, 2002
HP / Agilent	8563E	Portable Spectrum Analyzer, 9 kHz to 26.5 GHz	April 1, 2006
HP / Agilent	8563EC	Portable Spectrum Analyzer, 9 kHz to 26.5 GHz	OEM Supported

HP / Agilent	8564E	Portable Spectrum Analyzer, 9 kHz to 40 GHz	April 1, 2006
HP / Agilent	8564EC	Portable Spectrum Analyzer, 9 kHz to 40 GHz	OEM Supported
HP / Agilent	8565A	Spectrum Analyzer, 22 GHz	June 14, 1905
HP / Agilent	8565E	Portable Spectrum Analyzer, 9 kHz to 50 GHz	January 1, 2006
HP / Agilent	8565EC	Portable Spectrum Analyzer, 9 kHz to 50 GHz	OEM Supported
HP / Agilent	8590A	Portable RF Spectrum Analyzer, 10 kHz - 1.5 GHz	November 1, 1996
HP / Agilent	8590B	9kHz-1.8GHz Spectrum Analyzer	July 1, 1998
HP / Agilent	8591A	9kHz-1.8GHz RF Spectrum Analyzer	July 1, 1998
HP / Agilent	8591C	Cable TV Analyzer, 1 MHz to 1.8 GHz	November 1, 2008
HP / Agilent	8591E	Portable Spectrum Analyzer, 9 kHz to 1.8 GHz	August 1, 2007
HP / Agilent	8592A	50kHz 22GHz Portable Spectrum Analyzer	April 1, 1996
HP / Agilent	8592B	9kHz-22GHz MW Spectrum Analyzer	July 1, 1998
HP / Agilent	8593A	9kHz-22GHz MW Spectrum Analyzer	July 1, 1998
HP / Agilent	8593E	Portable Spectrum Analyzer, 9 kHz to 22 GHz	August 1, 2007
HP / Agilent	8594A	9 kHz-2.9 GHz RF SPECTRUM ANALYZER	July 1, 1998
HP / Agilent	8594E	Portable Spectrum Analyzer, 9 kHz to 2.9 GHz	August 1, 2007
HP / Agilent	8595A	9 kHz-6.5 GHz RF SPECTRUM ANALYZER	July 1, 1998
HP / Agilent	8595E	Portable Spectrum Analyzer, 9 kHz to 6.5 GHz	August 1, 2007
HP / Agilent	8596E	Portable Spectrum Analyzer, 9 kHz to 12.8 GHz	August 1, 2007
HP / Agilent	8662A	High-Performance Signal Generator, 1.2 GHz	April 1, 2007
HP / Agilent	8663A	High-Performance Signal Generator, 2.5 GHz	April 1, 2007
HP / Agilent	8719A	Network Analyzer, 130 MHz to 13.5 GHz	October 1, 2001
HP / Agilent	8719C	Microwave Network Analyzer, 50 MHz to 13.5 GHz	November 1, 2001
HP / Agilent	8719D	Microwave Vector Network Analyzer	September 1, 2004
HP / Agilent	8719ES	S-parameter Vector Network Analyzer, 50 MHz to 13.5 GHz	June 1, 2010
HP / Agilent	8719ET	Transmission/Reflection Vector Network Analyzer, 13.5 GHz	June 1, 2010
HP / Agilent	8720A	Microwave Network Analyzer, 130 20 GHz	November 1, 1994
HP / Agilent	8720B	Microwave Network Analyzer, 130 20 GHz	July 1, 2001
HP / Agilent	8720C	Network Analyzer, 50 20 GHz	November 1, 2001
HP / Agilent	8720D	Network Analyzer, 50 20 GHz	September 1, 2004
HP / Agilent	8720ES	Vector Network Analyzer, 50 MHz to 20 GHz	July 1, 2010
HP / Agilent	8720ET	Transmission/Reflection Vector Network Analyzer, 50 MHz to 20 GHz	June 1, 2010
HP / Agilent	8722A	Network Analyzer, 50MHzto 40 GHz	January 1, 1998
HP / Agilent	8722C	Microwave Network Analyzer, 50MHzto 40 GHz	November 1, 2001
HP / Agilent	8722ES	S-parameter Vector Network Analyzer, 50 MHz to 40 GHz	June 1, 2010
HP/Agilent	8722ET	Transmission/Reflection Vector Network Analyzer	June 1, 2010
HP / Agilent	8752A	RF network analyzer, 300 kHz to 1.3 GHz	May 1, 2000
HP / Agilent	8752B	75-ohm RF network analyzer	June 1, 2000

HP / Agilent	8752C	8752C RF Network Analyzer	September 1, 2004
HP / Agilent	8753A	Network Analyzer	January 1, 1995
HP / Agilent	8753B	Network Analyzer	January 1, 1995
HP / Agilent	8753C	Network Analyzer, 30 kHz to 3 GHz	February 1, 2001
HP / Agilent	8753D	Network Analyzer, 30 kHz to 3 GHz	February 1, 2005
HP / Agilent	8753E	RF Network Analyzer, 30 kHz to 3 or 6 GHz	September 1, 2004
HP / Agilent	8753ES	S-parameter Network Analyzer	December 1, 2011
HP / Agilent	8753ET	Transmission/Reflection Network Analyzer, 3 GHz or 6 GHz	December 1, 2011

Calibrators

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
Fluke	5500A	Multi-Product Calibrator	
Fluke	5520A	Multi-Product Calibrator Workstation	
Fluke	5700A	Five-function calibrators	
Fluke	5720A	Five-function calibrators	
Fluke	5725A	Amplifier	
Fluke	5790A	Calibration Kits Calibrators	

Digital Multimeters

<u>Manufacturer</u>	<u>Model w/ Links</u>	<u>Description</u>	<u>End of Service</u>
HP / Agilent	3458A	Digital Multimeter seven-function	Current supported
HP / Agilent	34401A	Digital Multimeter 6 1/2 digits of resolution	Current supported