



Procedure JPS0014P	Optical Power Sensor Manf: Agilent Model: 81635a	Sheet 1 of 4
Serial Number	Customer Reference Number	Certificate Number
Customer	Calibrated By	Date 27-Aug-06
Ambient Temp 21 +/- 1C	R.H. 41 +/- 5%	
Reference Equipment Used JPS0086A JPS0036A JPS0174A JPS0177A JPS0077A JPS0078A		

Absolute Power				Channel 1		
Power Level:	10.00uW			Wavelength:	1310nm	
Ref Patchcords:	Cal 11	Cal 14	Cal 16	Averaging Time:	500ms	
Cal Factor:	0.00			Difference:	dB	
Reference Power Level	UUT Indication			Min Lim	Max Lim	Status
10.00uW	10.11uW			9.64uW	10.36uW	PASS
Power Level:	10.00uW			Wavelength:	1550nm	
Ref Patchcords:	Cal 11	Cal 14	Cal 16	Averaging Time:	500ms	
Cal Factor:	0.00			Difference:	dB	
Reference Power Level	UUT Indication			Min Lim	Max Lim	Status
10.00uW	10.01uW			9.64uW	10.36uW	PASS

Absolute Power				Channel 2		
Power Level:	10.00uW			Wavelength:	1310nm	
Ref Patchcords:	Cal 11	Cal 14	Cal 16	Averaging Time:	500ms	
Cal Factor:	0.00			Difference	dB	
Reference Power Level	UUT Indication			Min Lim	Max Lim	Status
10.00uW	10.08uW			9.64uW	10.36uW	PASS
Power Level:	10.00uW			Wavelength:	1550nm	
Ref Patchcords:	Cal 11	Cal 14	Cal 16	Averaging Time:	500ms	
Cal Factor:	0.00			Difference	dB	
Reference Power Level	UUT Indication			Min Lim	Max Lim	Status
10.00uW	10.01uW			9.64uW	10.36uW	PASS

Results : JPS0014F rev 2

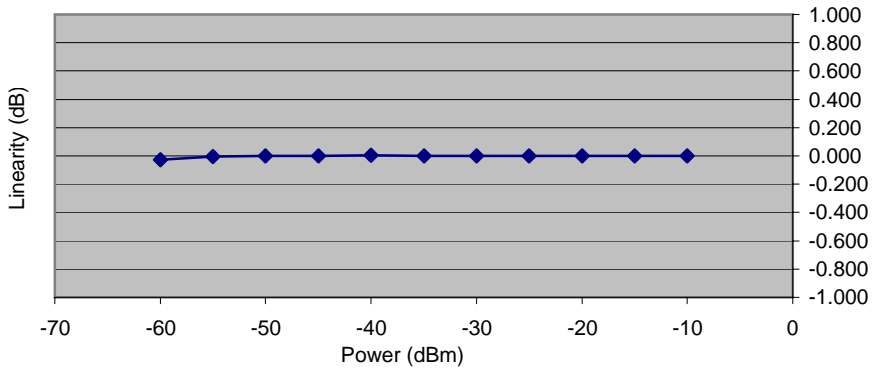
Procedure JPS0014P	Optical Power Sensor Manf: Agilent Model: 81635a	Sheet 2 of 4
Date 00-Jan-00	Calibrated By	Certificate Number
Serial Number 0	Customer Reference Number	
Reference Equipment Used JPS0086A JPS0036A JPS0174A JPS0177A JPS0077A JPS0078A		

Linearity Test Channel 1


Ref Patchcords: Cal 11 Cal 14 Cal 16
Range: auto **Avg Time:** 100ms **Wavelength:** 1550nm
Cal Factor: 0.00 **Ref Power:** -10dBm **Difference:** -0.008 dB

Power Level (dBm)	Ref Indication (dBm)	UUT Indication (dBm)	Linearity (dB)
-10.000	-10.000	-9.992	0.000
-15.000	-14.992	-14.984	0.000
-20.000	-19.993	-19.984	0.001
-25.000	-24.999	-24.991	0.000
-30.000	-30.006	-29.997	0.001
-35.000	-35.013	-35.004	0.001
-40.000	-40.017	-40.006	0.003
-45.000	-45.021	-45.012	0.001
-50.000	-50.026	-50.017	0.001
-55.000	-55.036	-55.035	-0.007
-60.000	-60.032	-60.051	-0.027

dBm	Linearity
-10	0.000
-15.000	0.000
-20.000	0.001
-25.000	0.000
-30.000	0.001
-35.000	0.001
-40.000	0.003
-45.000	0.001
-50.000	0.001
-55.000	-0.007
-60.000	-0.027



Results : JPS0014F rev 2

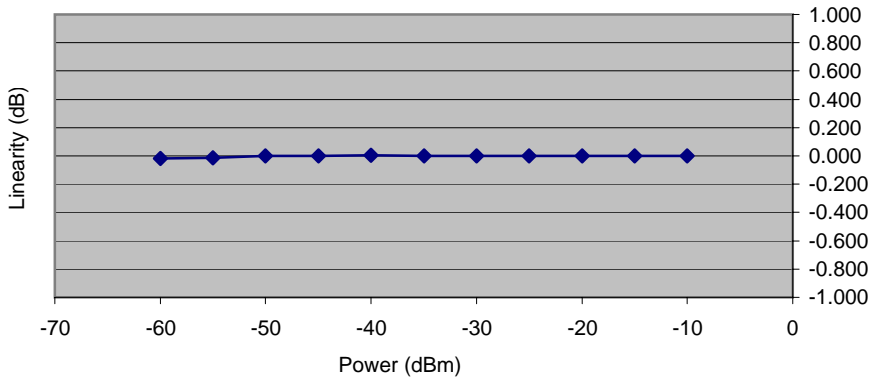
Procedure JPS0014P	Optical Power Sensor Manf: Agilent Model: 81635a	Sheet 3 of 4
Date 27-Aug-06	Calibrated By	Certificate Number
Serial Number	Customer Reference Number	
Reference Equipment Used JPS0086A JPS0036A JPS0174A JPS0177A JPS0077A JPS0078A		

Linearity Test Channel 2


Ref Patchcords: Cal 11 Cal 14 Cal 16
Range: auto **Avg Time:** 100ms **Wavelength:** 1550nm
Cal Factor: 0.00 **Ref Power:** -10dBm **Difference:** -0.008 dB

Power Level (dBm)	Ref Indication (dBm)	UUT Indication (dBm)	Linearity (dB)
-10.000	-10.000	-9.992	0.000
-15.000	-14.991	-14.984	-0.001
-20.000	-19.993	-19.984	0.001
-25.000	-24.998	-24.992	-0.002
-30.000	-30.007	-29.997	0.002
-35.000	-35.013	-35.005	0.000
-40.000	-40.017	-40.006	0.003
-45.000	-45.022	-45.012	0.002
-50.000	-50.027	-50.018	0.001
-55.000	-55.033	-55.039	-0.014
-60.000	-60.034	-60.042	-0.016

dBm	Linearity
-10	0.000
-15.000	-0.001
-20.000	0.001
-25.000	-0.002
-30.000	0.002
-35.000	0.000
-40.000	0.003
-45.000	0.002
-50.000	0.001
-55.000	-0.014
-60.000	-0.016



Results : JPS0014F rev 2

Procedure JPS0014P	Optical Power Sensor Manf: Agilent Model: 81635a	Sheet 4 of 4
Date 27-Aug-06	Calibrated By	Certificate Number
Serial Number	Customer Reference Number	
Reference Equipment Used JPS0086A JPS0036A JPS0174A JPS0177A JPS0077A JPS0078A		

Comments:

Procedure: As derived from Agilent 81635a Dual Power Sensor Module Manual First Edition 81635-90024 E0201

Specifications: As for HP81635a Dual Power Meter p56 Of 81635-90024 E0201

Ref	Description	Cal Due
JPS0086A	Agilent 81654a Dual FP Laser Source	21-Jan-07
JPS0036A	Agilent 81618a Optical Amplifier Module	29-Mar-07
JPS0174A	Agilent 81623b Optical Head	29-Mar-07
JPS0177A	Agilent 81634b Optical Power Meter	31-Mar-07
JPS0077A	Agilent 8156a Optical Attenuator	22-Jan-07
JPS0078A	Agilent 8156a Optical Attenuator	22-Jan-07