

FINAL TEST

Test Station 1 (2.11)

LUCENT TECHNOLOGIES TEST DATA SHEET (TDS)	EFFECTIVITY: 11/09/2000	TDS 409276E Ref PS1915 E
WRITTEN BY: Bryon Kasper	Receiver S/N 8246	DATE: 12/18/2000 Operator: GA/JM
MODEL: 2860E040	Part No. 1265-311-0034	Connector Option:

TEST TITLE	Conditions	MIN.	MAX.	MEAS.	UNITS
Supply Current	Optical Input < -40dBm	42	120	66.6	mA
Photodiode Dark Current		-	1	0.08	nA
Photodiode Responsivity	1550 nm +/-30 nm	0.7	-	0.7	AW
Transimpedance Gain	Optical Input = -12 dBm +/- 0.2dB, 100 MHz	800	-	1089.7	Ohms
Small Signal Bandwidth	Optical Input = -12 dBm +/-0.2dB, -3 dB	8	-	8.5	GHz
Peaking	Relative to 100 MHz	-	2.5	0.75	dB
Output Return Loss	0.1 to 11 GHz	10	-	16.2	dB
Eye Pattern Mask	Optical Input = -12 dBm +/-0.2dB	Section 3.3		Pass	Pass/Fail
Eye Pattern Mask	Optical Input = 0 dBm +/-0.2dB	Section 3.4		Pass	Pass/Fail
Total Input Noise	0.1 to 20 GHz	-	1200	354.4	nA rms

PASS

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