

TEST DATA SHEET

Agere Systems TEST DATA SHEET (TDS)	TDS 409276 Rev. E Ref PS-1915 EFFECTIVITY: 11/09/00	Date: 3/10/2001 Operator: AM
WRITTEN BY: Bryon Kasper	Receiver S/N: 13394	Test Station: 2
Model 2860E-040	Part No. 1265-311-0034	Connector Option: SC/UPC

TEST TITLE	CONDITIONS	MIN	MAX	MEAS	UNITS
Supply Current	Optical Input <-40dBm	42	120	86.0	mA
Small Signal Bandwidth	Optical Input=-12 dBm+/-0.2 dB, -3 dB	8.0	-	8.2	GHz
Peaking	Relative to 100 MHz	-	2.5	0.27	dB
Transimpedance Gain	Optical Input =-12 dBm+/-0.2 dB, 100 MHz	800	-	1084.9	Ohms
Output Return Loss	0.1 to 11 GHz	10	-	14.7	dB
Photodiode Dark Current		-	1.0	0.07	nA
Eye Pattern Mask	Optical Input =-12 dBm+/-0.2 dB	Section 3.3		Pass	Pass/Fail
Eye Pattern Mask	Optical Input = 0 dBm+/-0.2 dB	Section 3.4		Pass	Pass/Fail
Total Input Noise	0.1 to 20 GHz	-	1200	220.0	nA rms
Photodiode Dark Responsivity	1550 nm+/-30 nm	0.7	-	0.82	A/W