

Summary of Test Data			
CW; T (Chip) = 25.0°C, T (Case) = 25.0°C, Seed $\lambda$ =1055 nm			
Parameter			
Operating Current	$I_{OP}$	300	mA
ASE Peak Wavelength	$\lambda_C$	1044.7	nm
Optical 3 dB Bandwidth	BW	49.9	nm
Max Gain Ripple (p-p) @ $I_{OP}$	$\delta G$	0.53	dB
Forward Voltage	$V_F$	1.85	V
TEC Operation @ $T_{CASE} = 25^\circ C$			
- TEC Current	$I_{TEC}$	0.20	A
- TEC Voltage	$V_{TEC}$	0.24	V
- Thermistor Resistance	$R_{TH}$	10K	$\Omega$
Steinhart Constants : a=1.129241E-3; b=2.341077E-4; c=8.775468E-8			

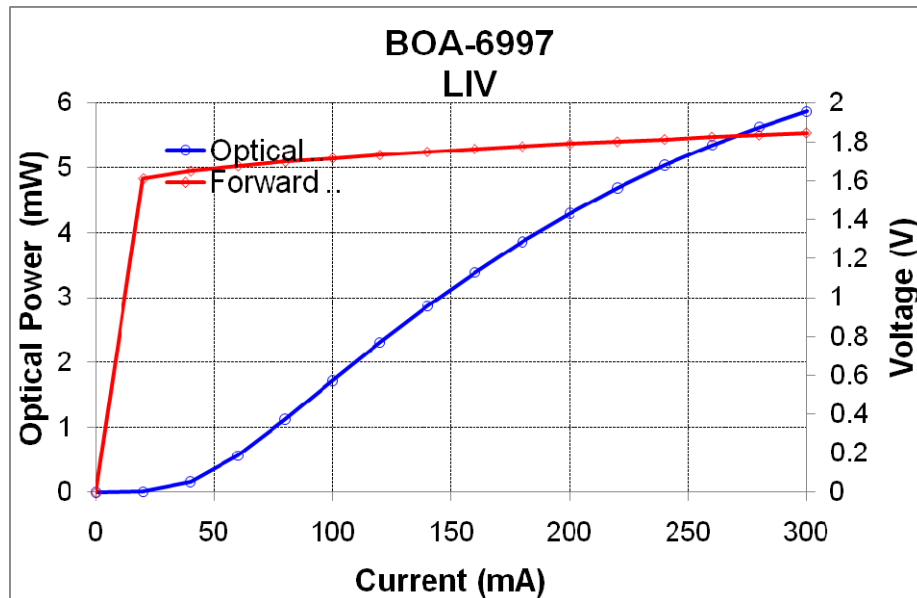


Figure 1: SLED LIV Plot

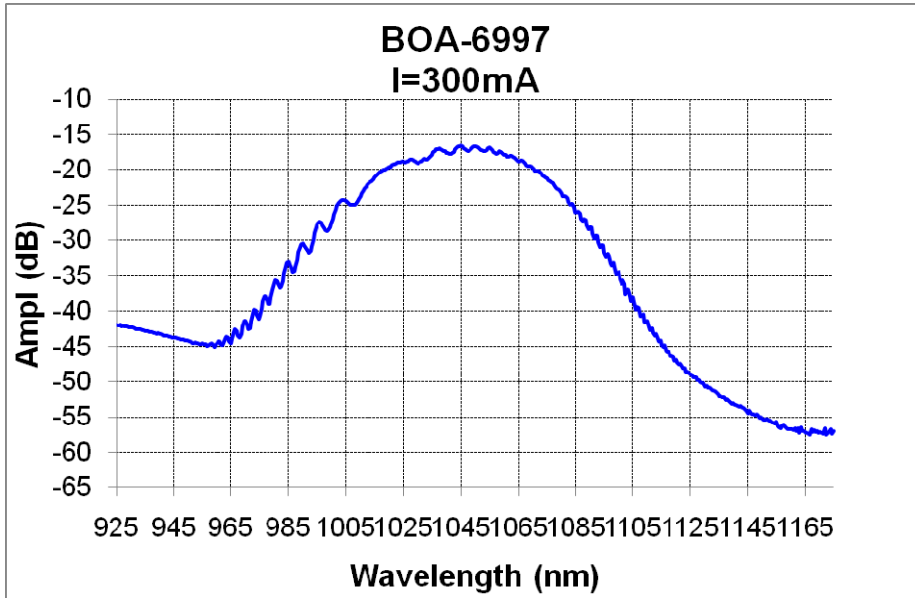


Figure 2: BOA Spectrum

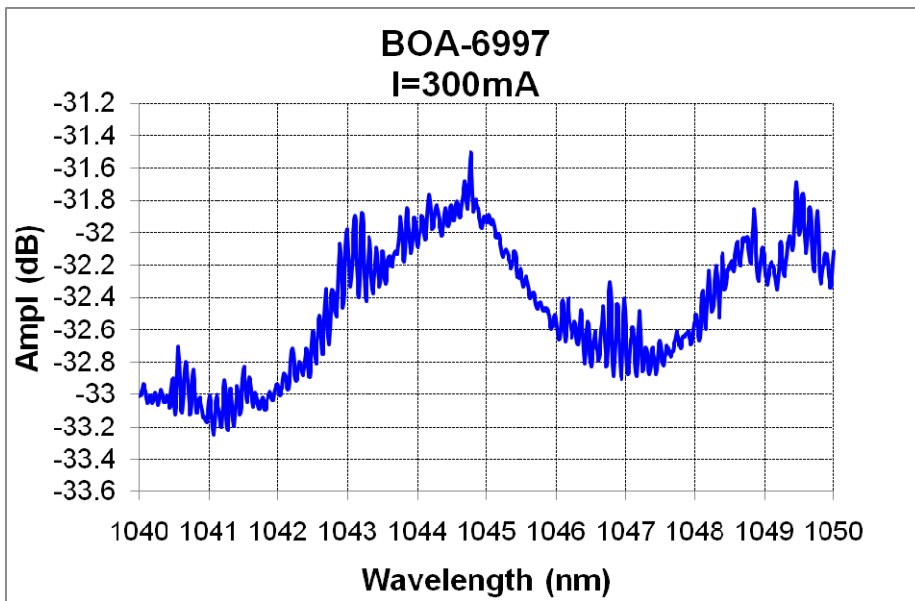


Figure 3: BOA Fine Spectrum