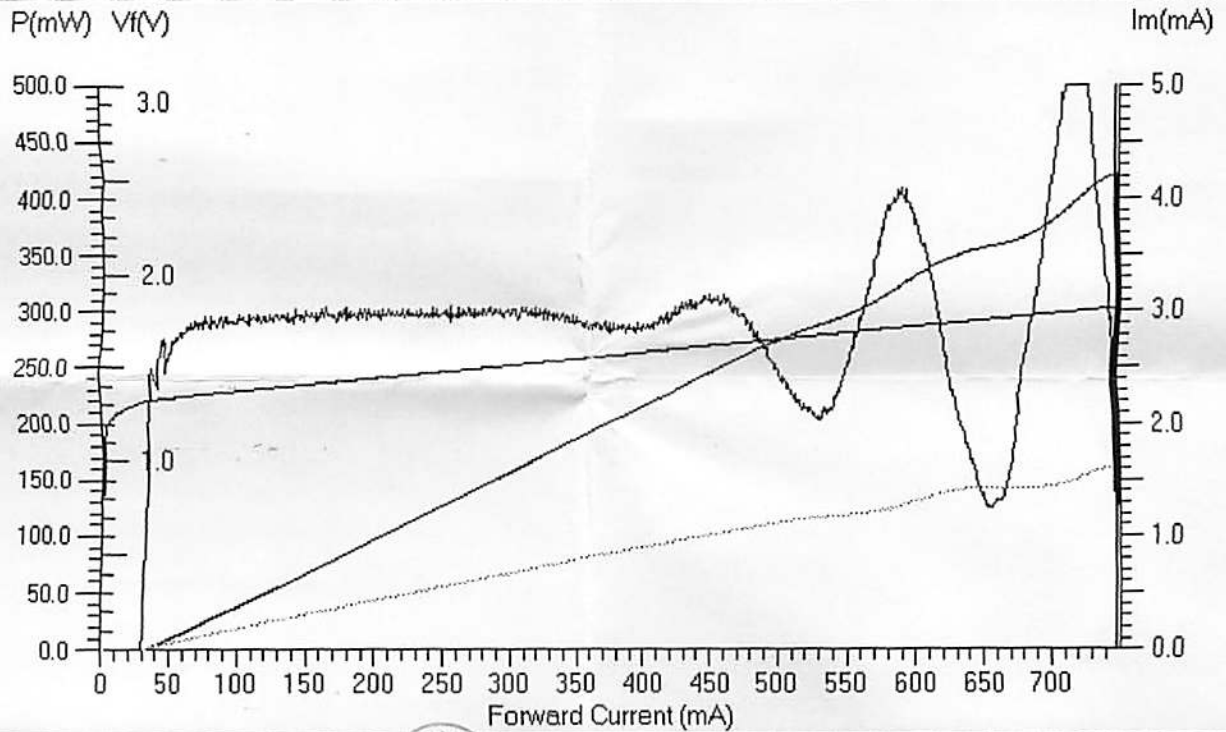


# 980 Electro Optical Characteristics



**Device Ser No. :** SO206949.001  
**Chip Ser No. :** 75970Z-W0110  
**Date :** 04 August 2007 05:38:53

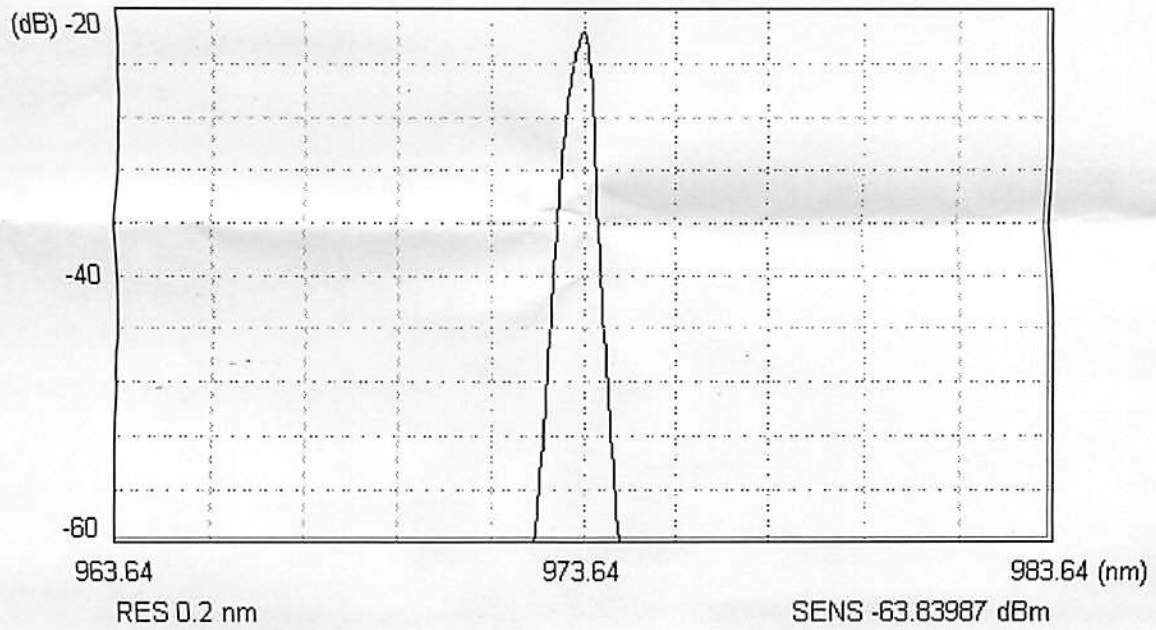


**Software Name :** 3.03.17  
**Tester ID :** QYWANG  
**Node No. :** 569

Case temperature 25 Deg C unless stated

Monitor dark current	(nA)	.20	
Threshold current	(mA)	32.10	
Laser forward current @ 150mW facet power	(mA)	206.1	
Fibre power @ 150 mW facet power	(mW)	100.7	
Monitor current (@ If=400 mA)	(mA)	.90	
Monitor Photodiode Responsivity	(uA/mW)	4.19	
Forward Voltage @ 150 mW facet power	(V)	1.45	
Laser Current for 150 mW Fibre Power	(mA)	289.1	
Laser Current for 200 mW & 250 mW Fibre Power	(mA)	374.1	458.0
Laser Current for 300 mW & 350 mW Fibre Power	(mA)	558.1	632.1
Laser Current for 400 mW & 450 mW Fibre Power	(mA)	721.1	.0
Linear Power & Current (-20 - 75 Deg C)	(mW) (mA)	276.0	505.0
Rated Power & Current (600 mA limit)	(mW) (mA)	276.4	505.0
Rated Power & Current (650 mA limit)	(mW) (mA)	276.4	505.0
Rated Power & Current (700 mA limit)	(mW) (mA)	276.4	505.0
Rated Power & Current (750 mA limit)	(mW) (mA)	276.4	505.0
TEC Current @ If=700 mA, 75 Deg C Case	(A)	1.21	
TEC Voltage @ If=700 mA, 75 Deg C Case	(V)	1.91	
Thermistor Resistance @ 25 Deg C	(kOhms)	10.06	

# 980 PUMP SPECTRAL PLOT



**Case temperature** : 25 C  
**Submount temperature** : 10 kohms  
**Laser current** : 206.1 mA  
**RMS Centre wavelength** : 973.6 nm  
**RMS width @ -13 dB** : 0.20 nm

**Software ID** : 3.03.17  
**Test head** : PACKAGE  
**Chip Serial No.** : 75970Z-W0110  
**Node No.** : 569  
**Device Serial No.** : SO206949.001



**Operator** : QYWANG

04 August 2007 05:37:20