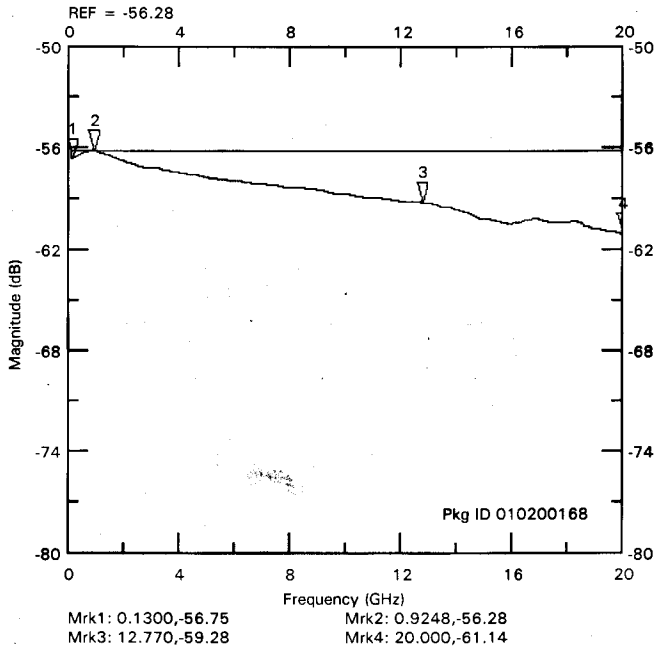
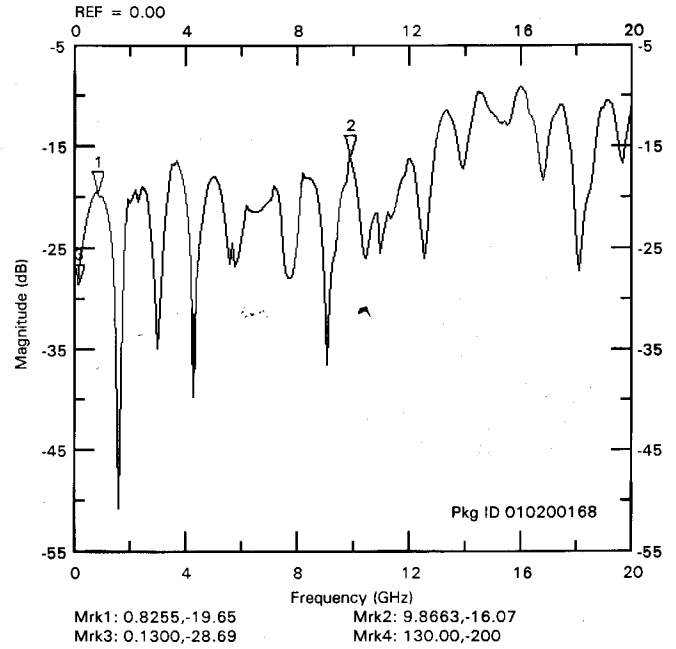


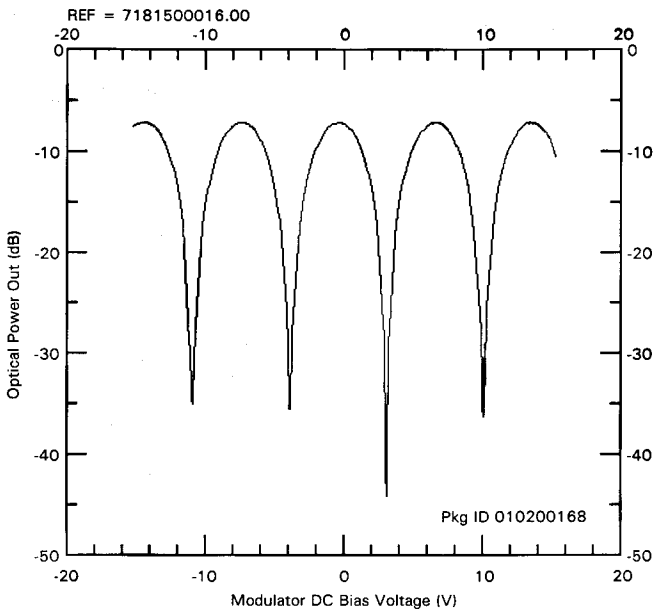
**Magnitude of Electro-Optic Response
0.130 to 20 GHz**



**S11
0.130 to 20GHz**



Optical Output Power vs Bias Voltage



Test Parameters Specification

Parameter	Actual	Specification
Wavelength	1550 nm*	1525-1565 nm
Bandwidth	12.8 GHz	> =9 GHz
Insertion Loss	4.2 dB	< =5.5 dB
Extinction Ratio	27.8 dB	> =20 dB
DC Switching Voltage	3.5 V	< =4.5 V
Impedance	43 Ohms*	43 Ohms
S11	> =15 dB*	> =12 dB
Optical Return Loss	> 40 dB*	> =35 dB
P.E.R.	22.5 dB	> =20 dB

* By Design (not measured)