



**TYPICAL TEST DATA
ON AMPLIFIER**

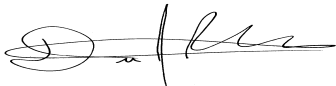
Customer :
 Job No :
 Model No : PM2-30-118-23-15-SFF
 Serial No : PL998

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 08/13/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	1 - 18 GHz	(See Plot)	
2	Gain:	+30dB Typ.	(See Plot)	
3	Flatness:	±1.5 dB Max	±1.34 dB	
4	Noise Figure:	5.0 dB Max.	4.5 dB	
5*	Pout @ 1dB Compression:	+22 dBm Min.	≥ +22 dBm	
6	VSWR In/Out:	2.0:1 Max.	(See Plot)	
7	DC Supply:	450mA @ +15VDC Max.	342mA @ +15VDC	

* measured at midband

Production Manager Approval:  Date: 08/13/03

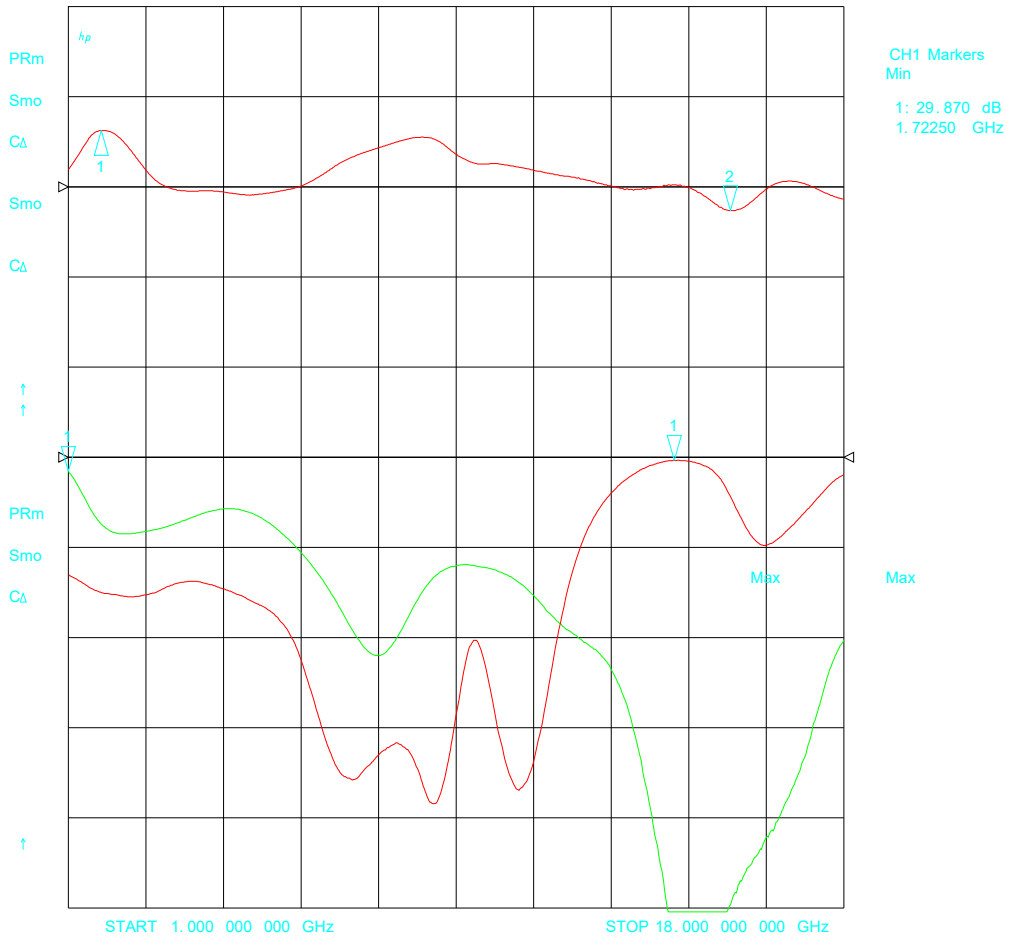
QA/QC Approval:  Date: 08/13/03

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VNA Plot

13 Aug 2003 14:57:58

CH1	S21	LOG	3 dB/	REF 28 dB	2: 27.198 dB	15.513 750 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -10.323 dB	1.000 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -9.7160 dB	14.281 250 000 GHz



Noise Figure Plot

