



**SUMMARY TEST DATA
ON AMPLIFIER**

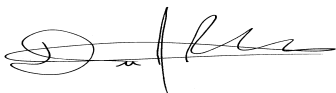
Customer :
 Job No :
 Model No : PM2-30-0R13-20-15-SFF
 Serial No : PL1081

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 09/04/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.1 – 3.0 GHz	Pass (See Plot)	
2	Gain Typical:	+30 dB	Pass (See Plot)	
3	Flatness:	±1.5 dB Max.	±0.86 dB	
4	*Noise Figure:	*3.5 dB Max.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+20 dBm Min.	≥ +20 dBm	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 Typical	Pass (See Plot)	
7	DC Supply:	300mA @ +15V Max.	251mA @ +15V	

Specification valid at 500MHz and above.

Production Manager Approval:  Date: 09/04/03

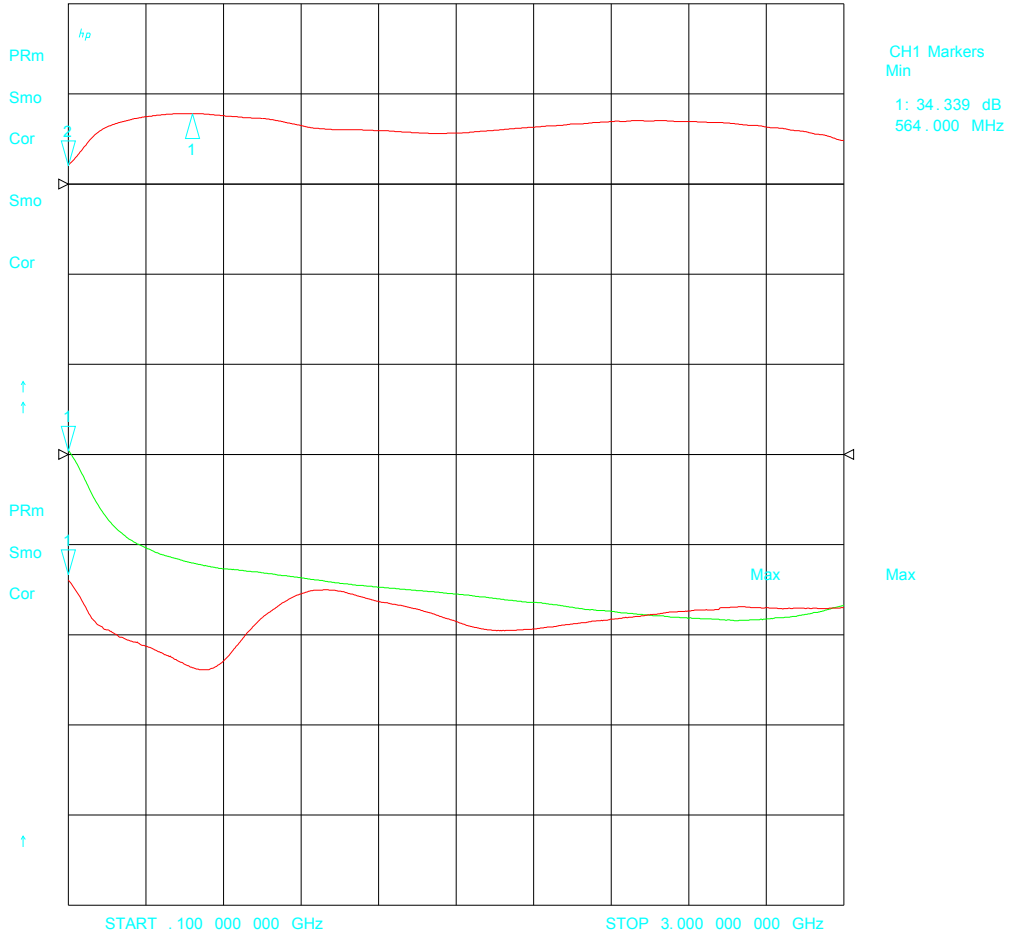
QA/QC Approval:  Date: 09/04/03

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VNA Plot

4 Sep 2003 15:01:16

CH1	S21	LOG	3 dB/	REF 32 dB	2: 32.612 dB	.100 000 000 GHz
CH2	S11	LOG	5 dB/	REF -8.09 dB	1: -7.9090 dB	.100 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -16.221 dB	.100 000 000 GHz



Noise Figure Plot

