



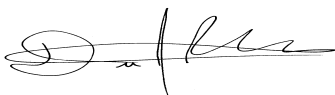
### SUMMARY TEST DATA ON AMPLIFIER

**Customer :**  
**Job No :**  
**Model No :** PHC-20-26-26DBM-15-SFF  
**Serial No :** PL957R1

**Tested By :** Kevin Mason  
**Temperature :** +25°C  
**Date :** 07/30/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2 – 6 GHz	Pass	
2	Gain:	18dB Min. to 22dB Max.	Pass (See Plot)	
3	Gain Variation: J1 to J2	± 2.0 dB Max.	± 0.59dB	
4	Noise Figure:	7.5 dB Max.	Pass (See Plot)	
5	Output Power @ 1dB Gain Compression	+26dBm Min.	≥ +26dBm	
6	VSWR In/Out:	1.8:1 Max.	Pass (See Plots)	
7	2 <sup>ND</sup> Harmonic Rejection @ Pin=-4dBm:	-30dBc Min.	≥ -30dBc	
8	Reverse Isolation	45dB Min.	≥ 45dB	
9	DC Power	925mA@+15 VDC	406mA	

**Production Manager Approval:**  **Date:** 07/30/03

**QA/QC Approval:**  **Date:** 07/30/03

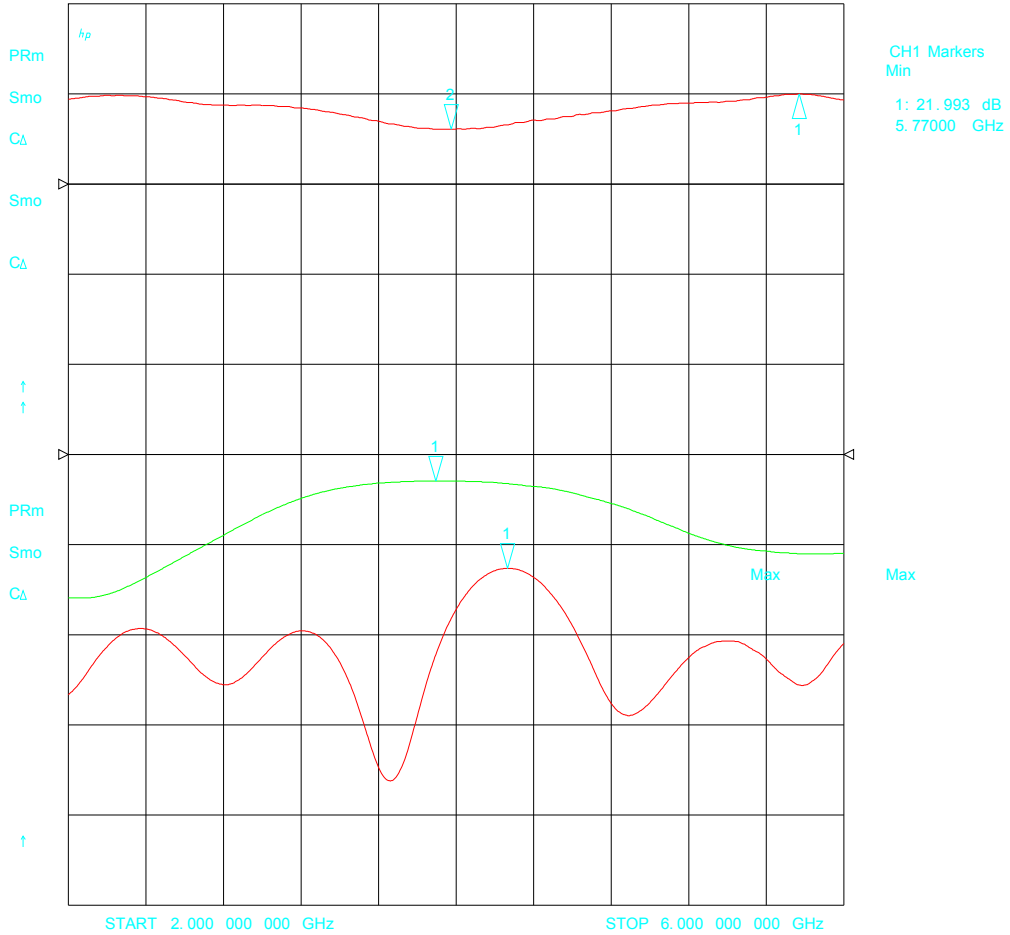
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### VNA Plot – J1 to J2

30 Jul 2003 10:08:43

CH1	S21	LOG	3 dB/	REF 19 dB	2: 20.811 dB	3.975 000 000 GHz
CH2	S11	LOG	5 dB/	REF -9.54 dB	1: -11.017 dB	3.895 000 000 GHz
CH3	S22	LOG	5 dB/	REF -9.54 dB	1: -15.864 dB	4.265 000 000 GHz



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### Noise Figure Plot - J1 to J2

