



### SUMMARY TEST DATA ON AMPLIFIER

**Customer :**  
**Job No :**  
**Model No : PHC-20-26-26DBM-15-SFF**  
**Serial No : PL964**

**Tested By : Kevin Mason**  
**Temperature : +25°C**  
**Date : 06/27/03**

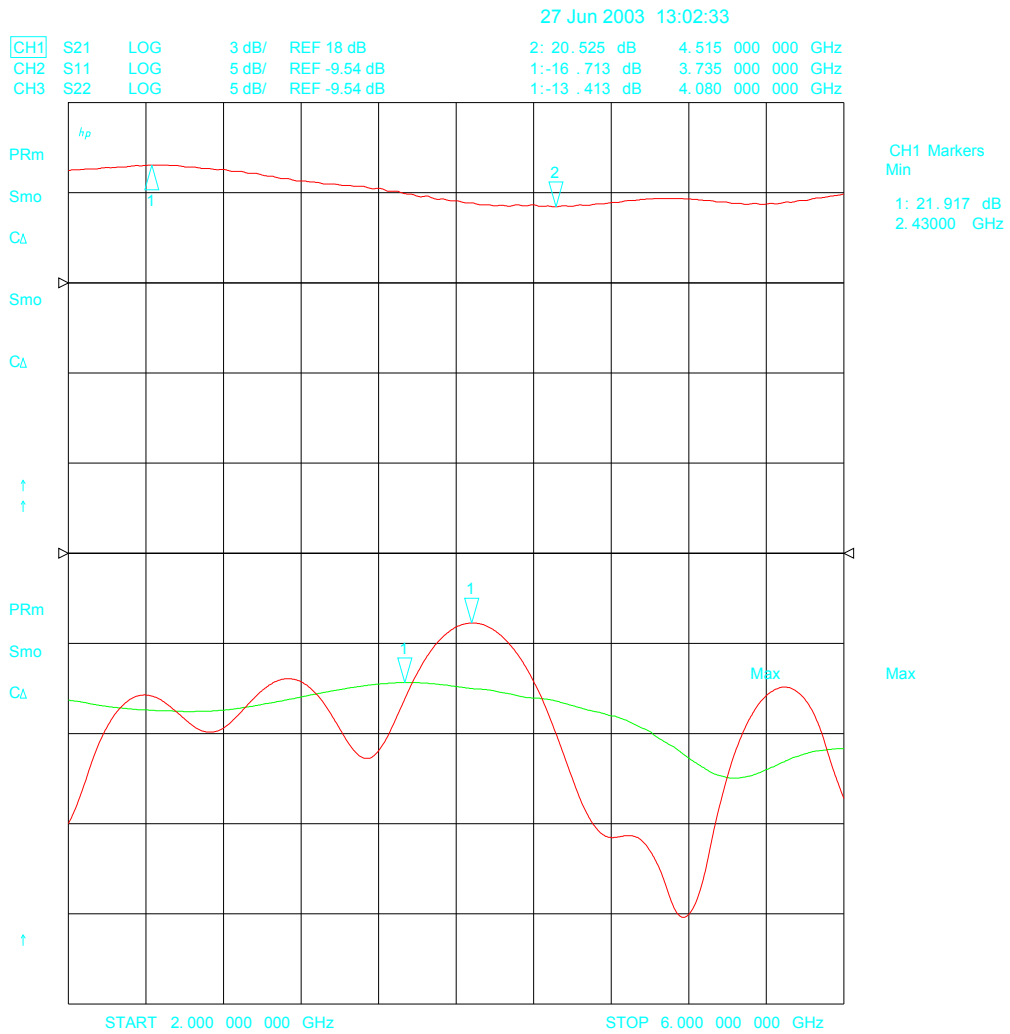
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2 – 6 GHz	Pass	
2	Gain:	18dB Min. to 22dB Max.	Pass (See Plot)	
3	Gain Variation: J1 to J2	± 2.0 dB Max.	± 0.69dB	
4	Noise Figure:	7.5 dB Max.	Pass (See Plot)	
5	Output Power @ 1dB Gain Compression	+26dBm Min.	≥ +26dBm	
6	VSWR In/Out:	1.8:1 Max.	Pass (See Plots)	
7	2 <sup>ND</sup> Harmonic Rejection @ Pin=-4dBm:	-30dBc Min.	≥ -30dBc (See Plot)	
8	Reverse Isolation	45dB Min.	-55.5dB	
9	DC Power	925mA@+15 VDC	396mA	

Production Manager Approval:  Date: 06/27/03

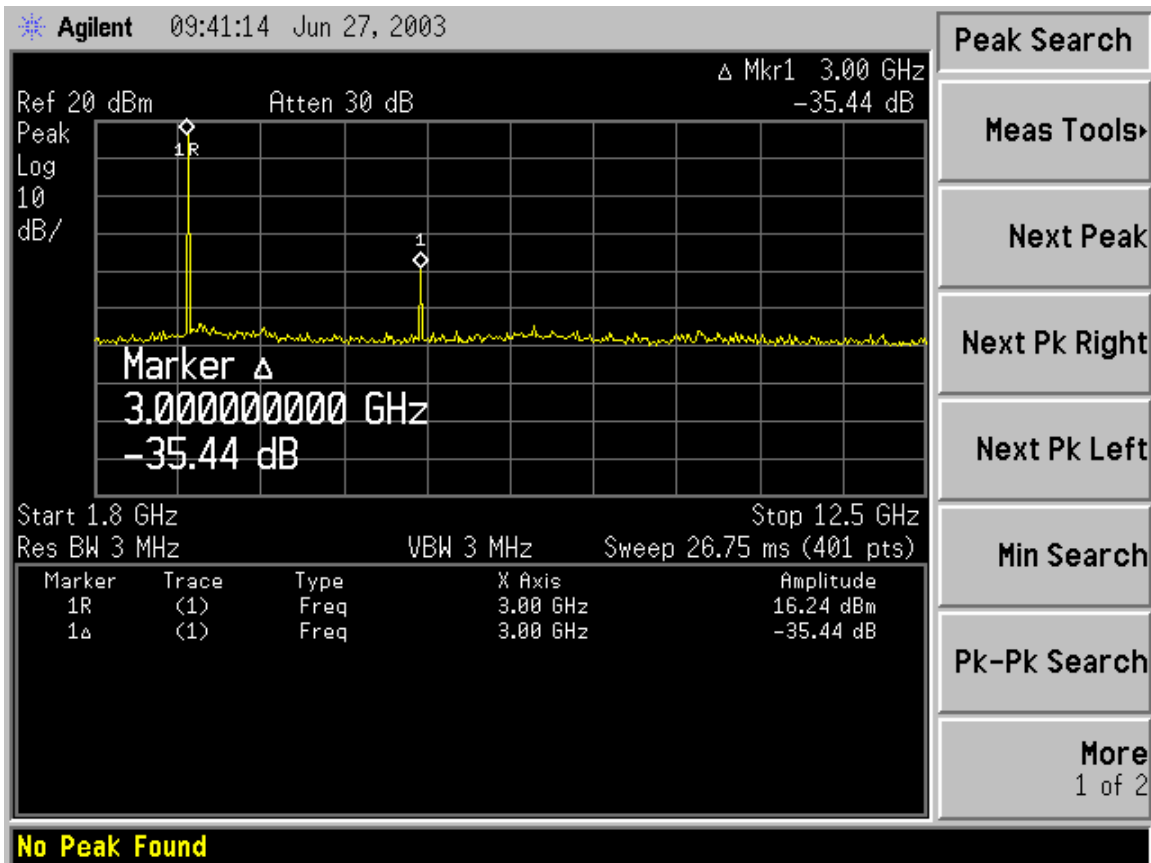
QA/QC Approval:  Date: 06/27/03

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### VNA Plot – J1 to J2



### Worst Case 2<sup>ND</sup> Harmonic Plot with Pin=-4dBm



### Noise Figure Plot - J1 to J2

