



**SUMMARY TEST DATA ON AMPLIFIER**

**Customer :**  
**Job No :**  
**Model No : PE2-14-5G-20-12-SFF-VVG**  
**Serial No : PL1363/0443**

**Tested By : Kevin Mason**  
**Temperature : +25°C**  
**Date : 10/13/04**

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	4.94 – 4.99 GHz	Pass (See Plot)	
2	Gain:	+14.5dB Typ.	Pass (See Plot)	
3	Noise Figure: (No Attenuation)	6.5dB Typ.	Pass (See Plot)	
4	OP1dB:	+20dBm Min.	≥ +20dBm	
5	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
6	DC Supply:	400mA @ +12V Max.	197mA @+12V	
7	Gain Control	12dB Typ.	Pass	

Production Manager Approval:  Date: 10/13/04

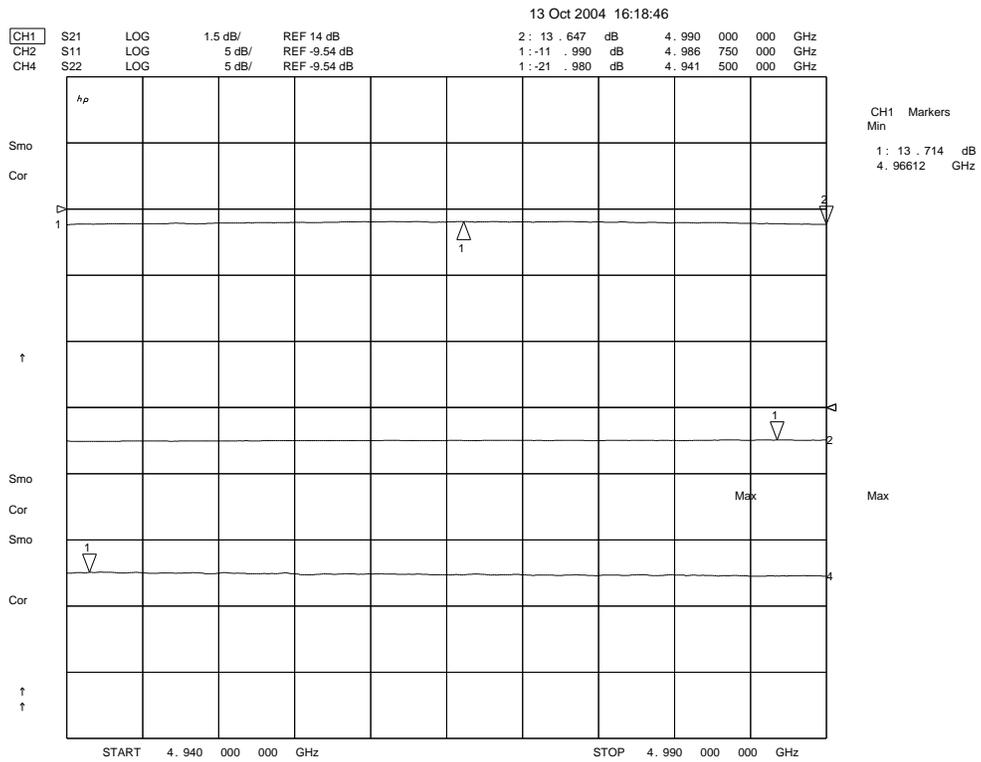
QA/QC Approval:  Date: 10/13/04

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 email: [sales@planarelec.com](mailto:sales@planarelec.com)



## VNA Plot

(CTL = 0V, No Attenuation)

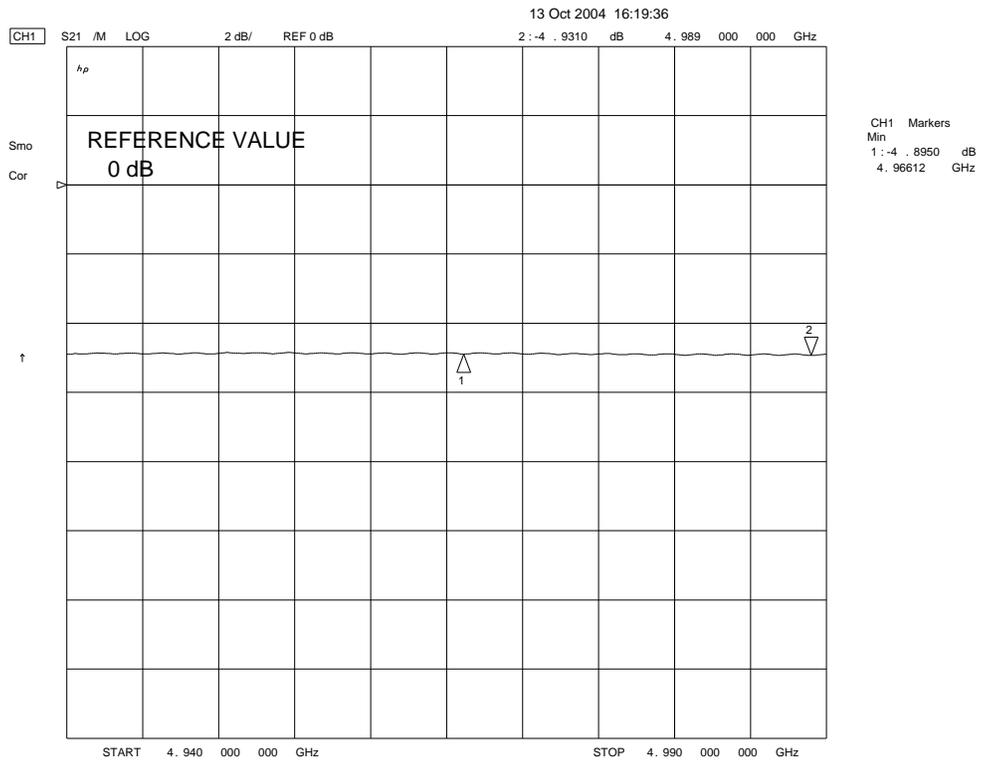


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### VNA Plot

(CTL = 3.1V, -5dB Attenuation)

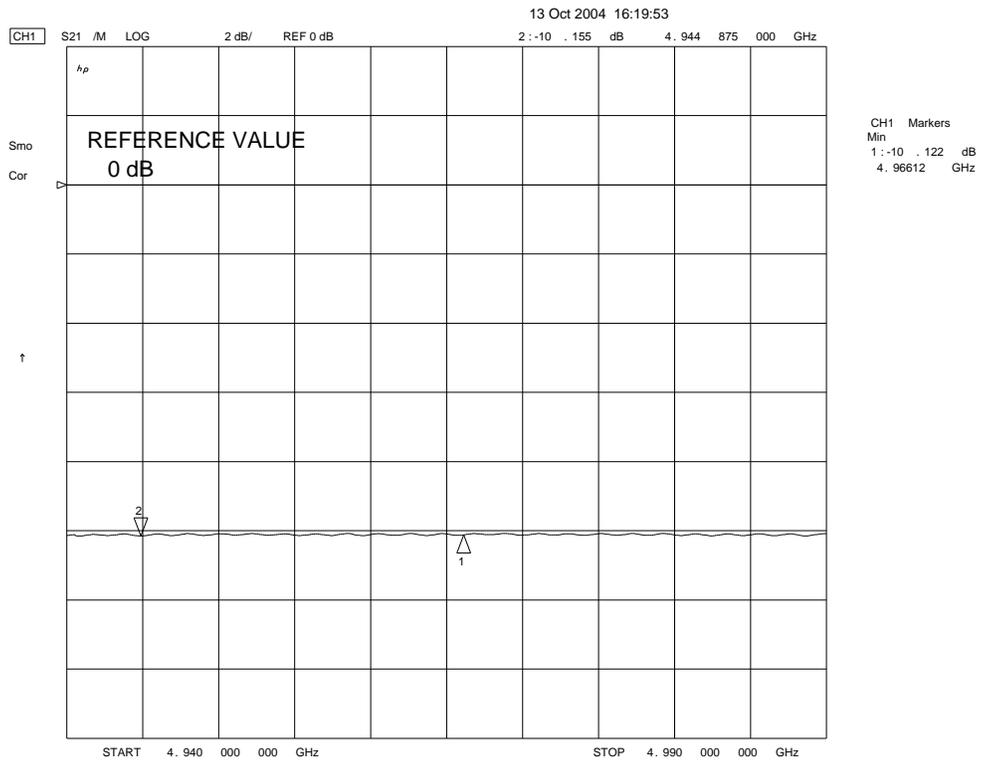


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### VNA Plot

(CTL = 5.4V, -10dB Attenuation)



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### Noise Figure Plot

