



SUMMARY TEST DATA ON AMPLIFIER

Customer :
Job No :
Model No : PE2-14-5G-20-12-SFF-VVG
Serial No : PL1364/0443

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.	195mA @+12V	
7	Gain Control	12dB Typ.	Pass	

Production Manager Approval:  Date: 10/13/04

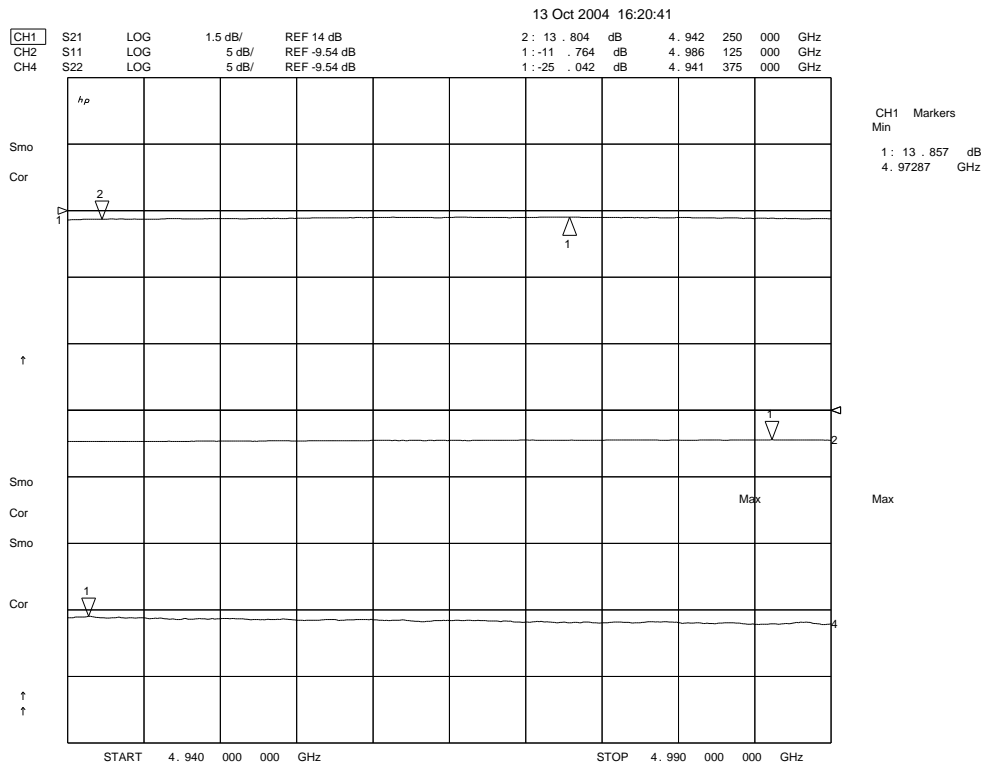
QA/QC Approval:  Date: 10/13/04

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 email: sales@planarelec.com



VNA Plot

(CTL = 0V, No Attenuation)

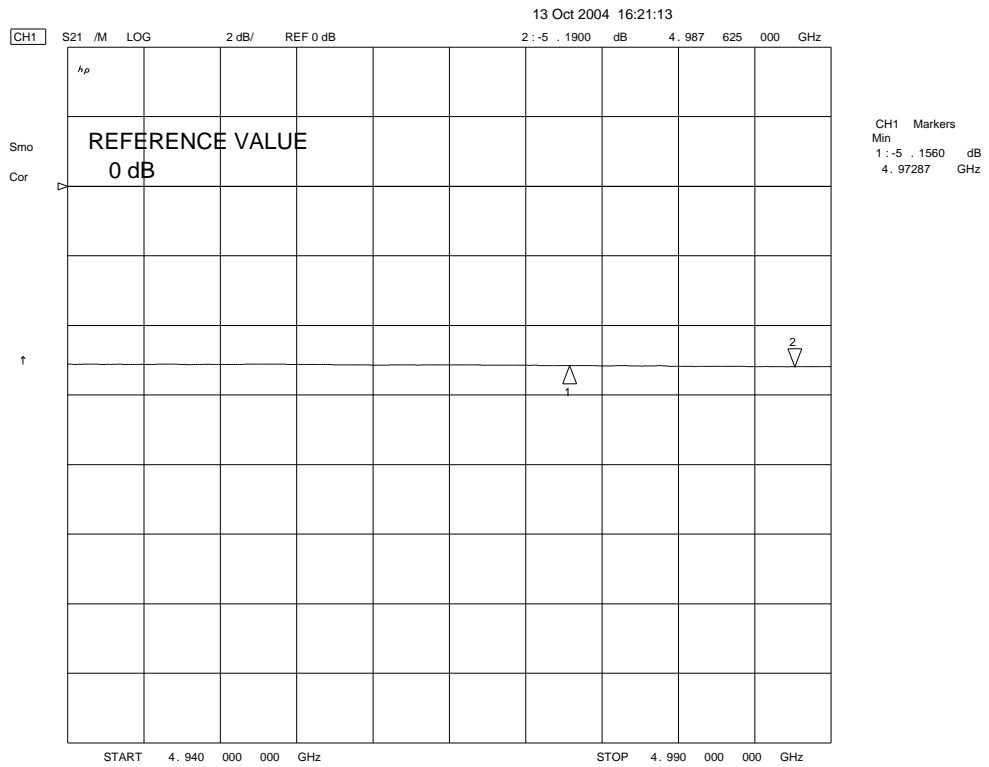


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VNA Plot

(CTL = 3.9V, -5dB Attenuation)

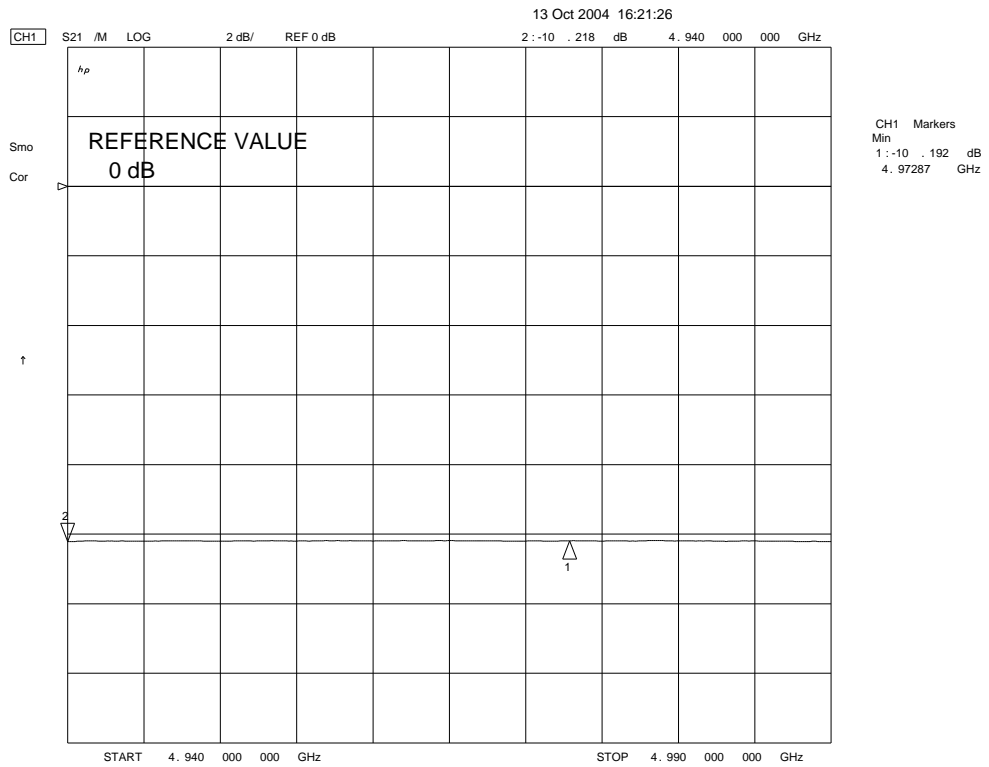


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VNA Plot

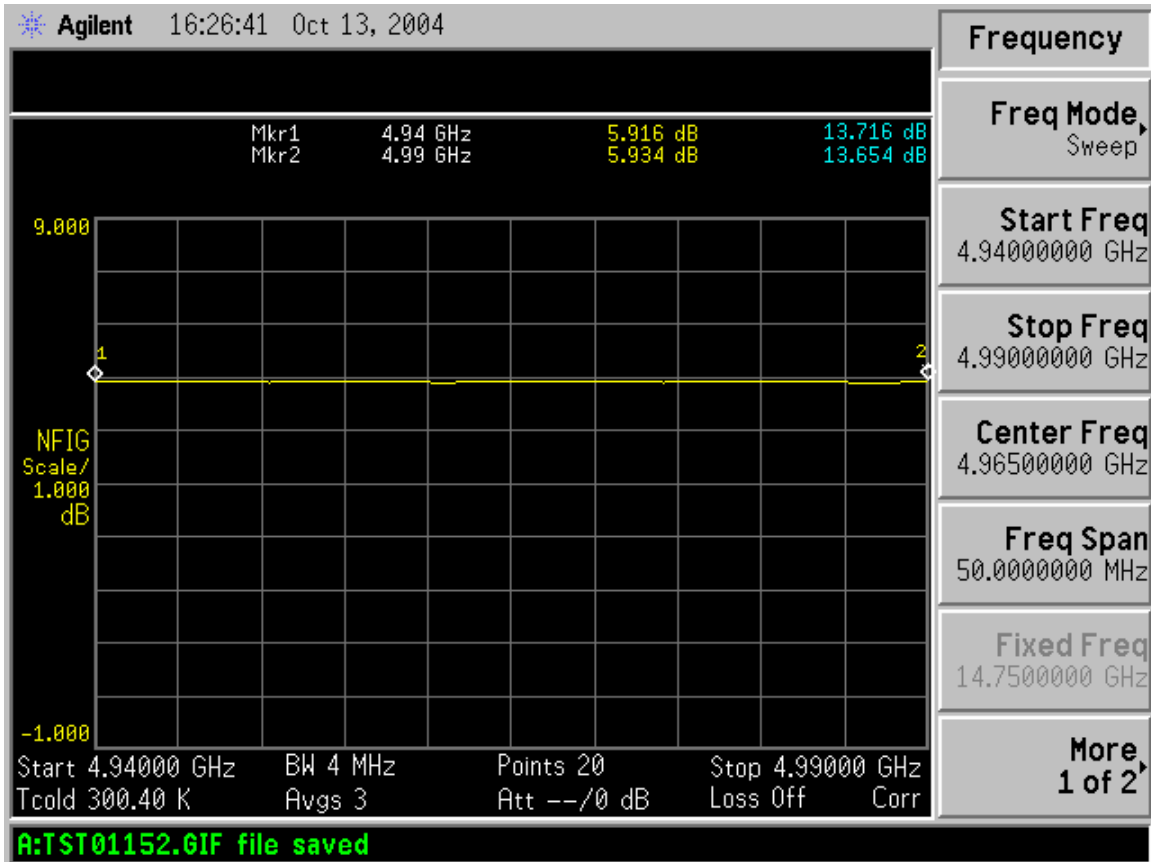
(CTL = 4.9V, -10dB Attenuation)



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Noise Figure Plot



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