



**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PEC-12-50M40G-4R0-15-SFF
 Serial No : PL1344

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 09/15/04

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	50MHz - 40GHz	Pass (See Plot)	
2	Gain:	+12dB Typ.	Pass (See Plot)	
3	Flatness:	±2.0dB Max	±1.63 dB	
4	Noise Figure: (midband)	4.0 dB Typ.	Pass (See Plot)	
5	Pout @ 1dB Compression:	+15dBm Min.	≥ +15dBm	
6	VSWR In/Out:	2.5:1 Max.	Pass (See Plot)	
7	DC Supply:	225mA @ +15V Max.	223mA @ +15V	

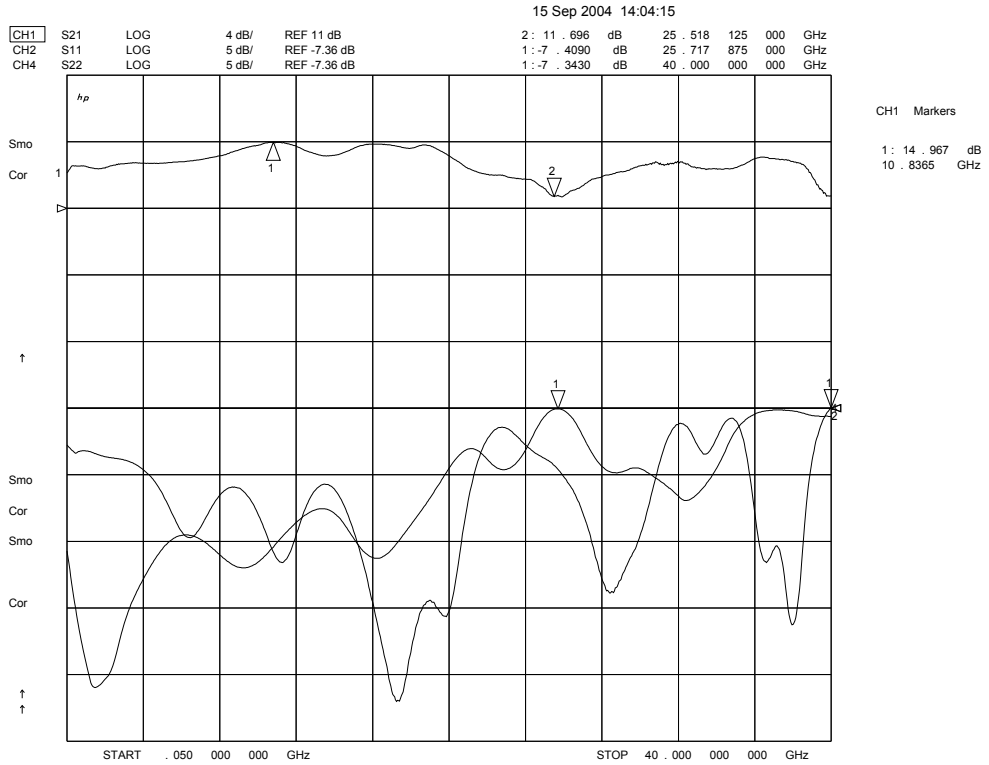
Production Manager Approval:  Date: 09/15/04

QA/QC Approval:  Date: 09/15/04

7311-G Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 email: sales@planarelec.com

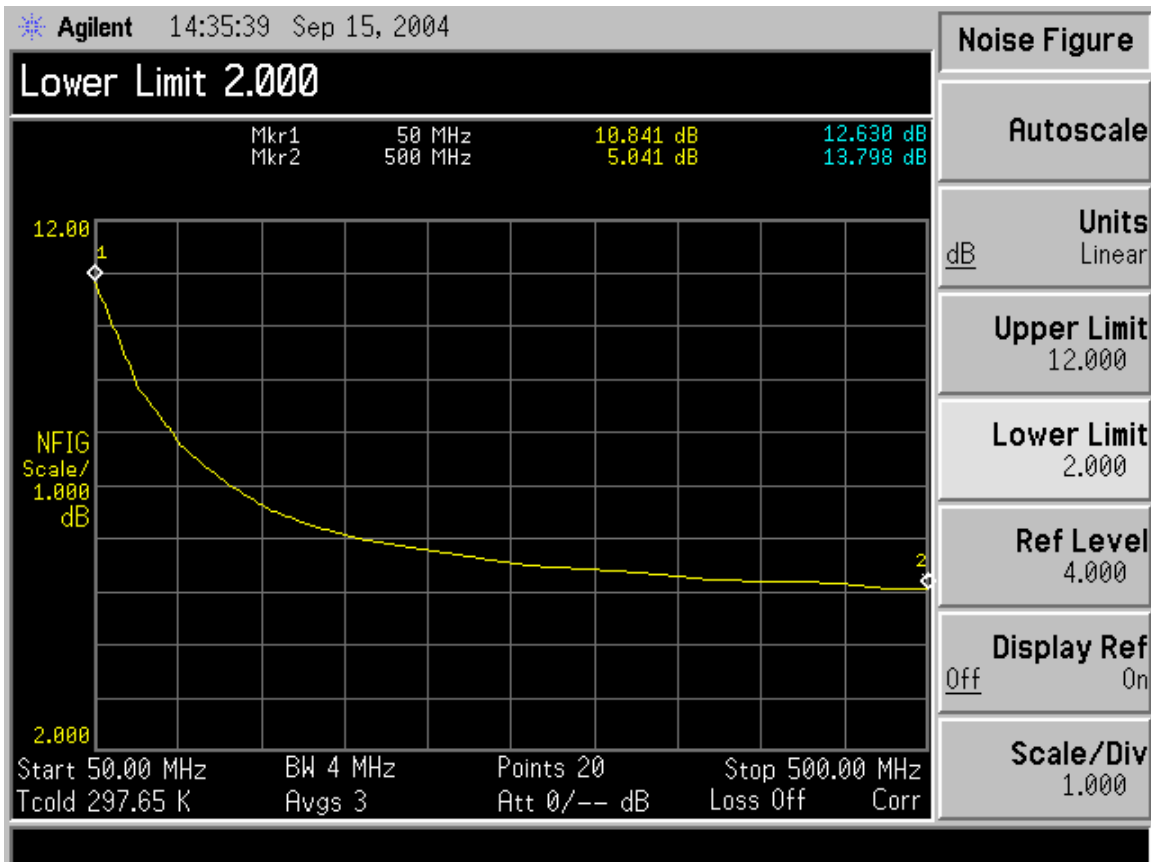


VNA Plot

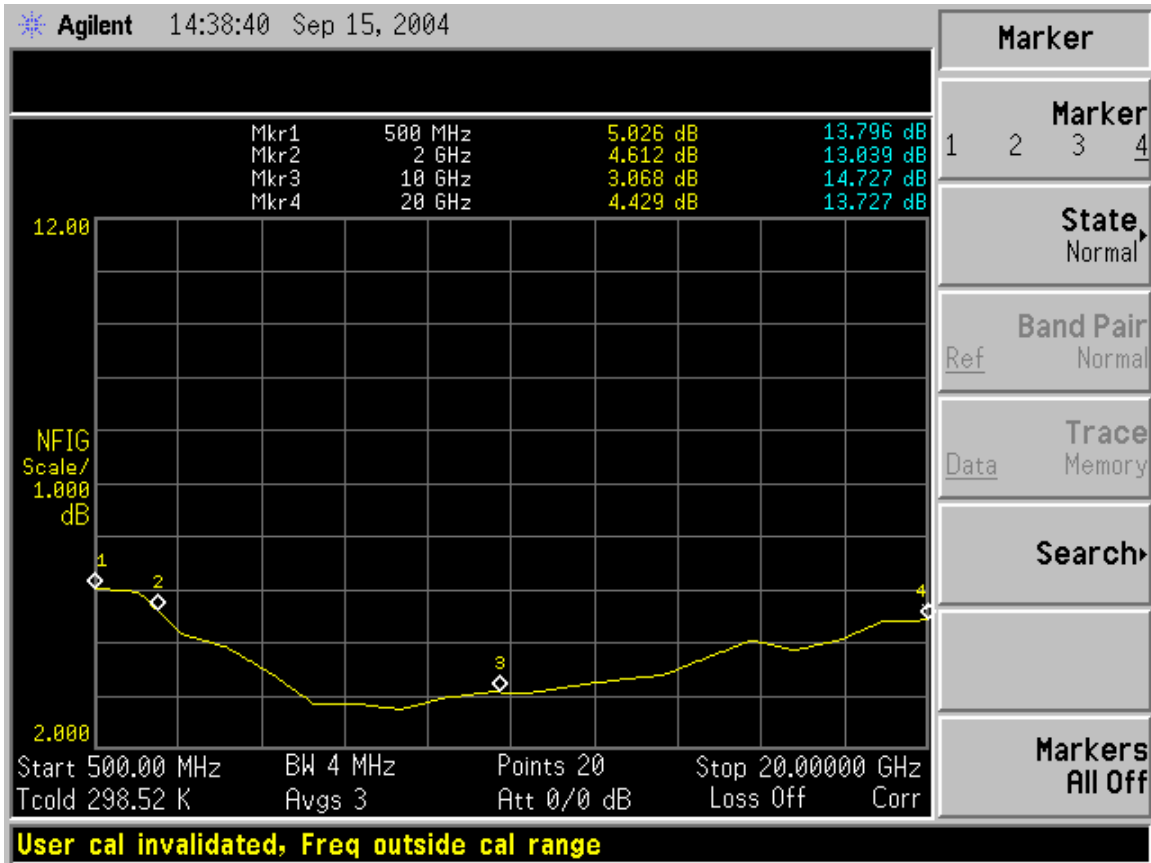


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Noise Figure Plot (50MHz to 500MHz)



Noise Figure Plot (500MHz to 20GHz)



Noise Figure Plot (20GHz to 26.5GHz)

