



**SUMMARY TEST DATA
ON
AMPLIFIER**

Customer :
 Job No :
 Model No : PE2-30-0R118G-4R0-10-15-SFM
 Serial No : PL5556

Tested By : Hugo G.
 Temperature : +25°C
 Date : 04/30/09

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.1GHz – 18GHz	Pass	
2	Gain:	+30dB Typ.	Pass (See Plot)	
3	Flatness:	±2.5dB Max.	±2.30dB Max.	
4	Typical Noise Figure:	5.2dB @ 100MHz 4.4dB @ 500MHz 4.0dB @ 2.0GHz 2.5dB @ 10GHz 3.2dB @ 18GHz	Pass (See Plot)	
5	Pout @ 1dB Compression:	+10dBm Min.	+10dBm Min.	
6	VSWR In/Out:	2.3:1 Max.	Pass (See Plot)	
7	DC Supply:	250mA @ +12 to +15VDC Nominal	114mA @ +12 to +15VDC Nominal	

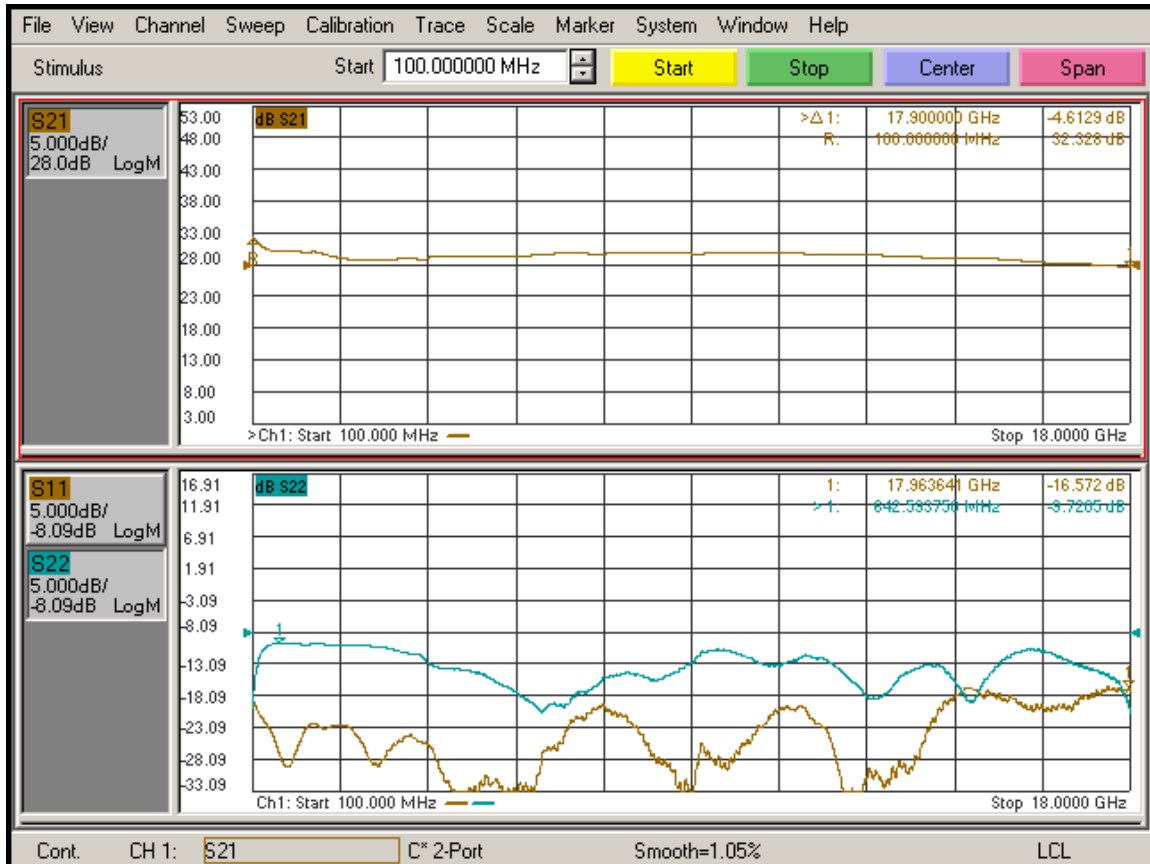
Production Manager Approval: _____ Date: 04/30/09

QA/QC Approval: _____ Date: 04/30/09

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



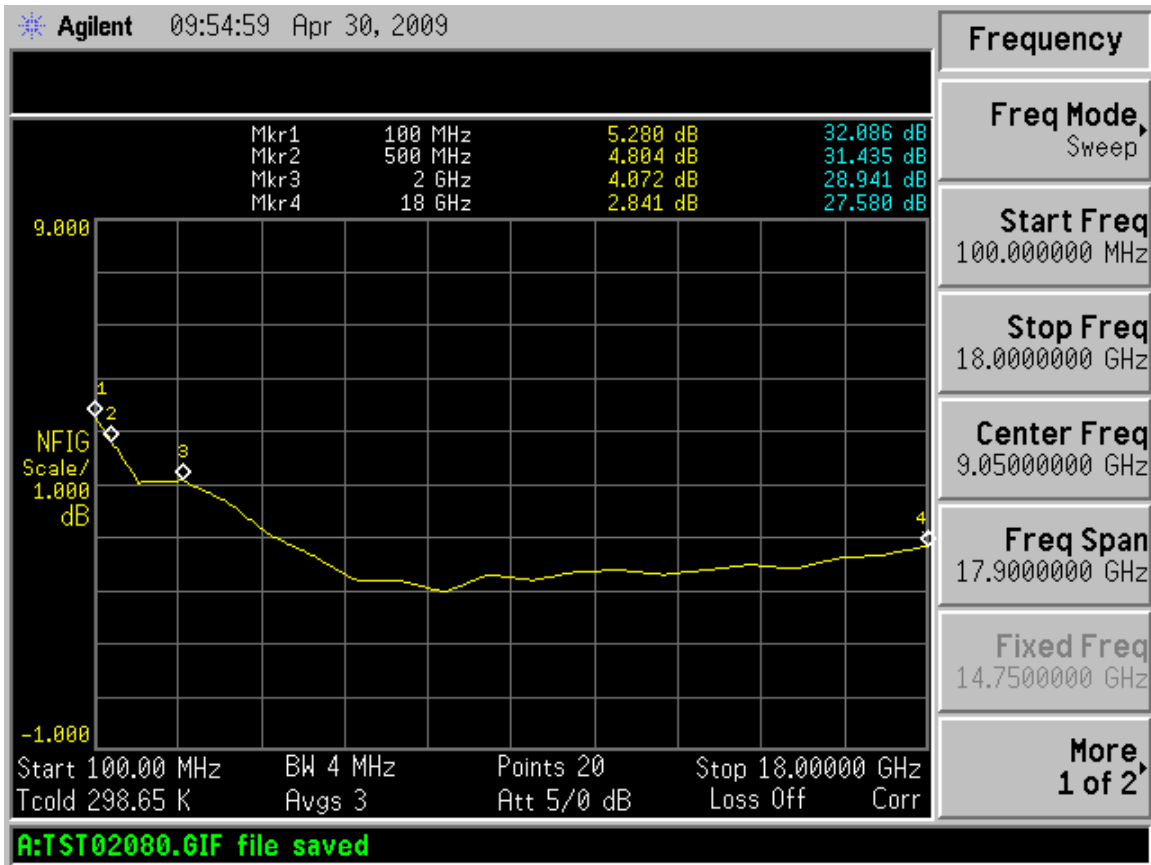
Swept Plot



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Noise Figure Plot



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