

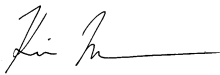


**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
Job No :
Model No : PE2-38-218-4R5-17-15-SFF
Serial No : PL1655/0516

Tested By : Kevin Mason
Temperature : +25°C
Date : 4/25/05

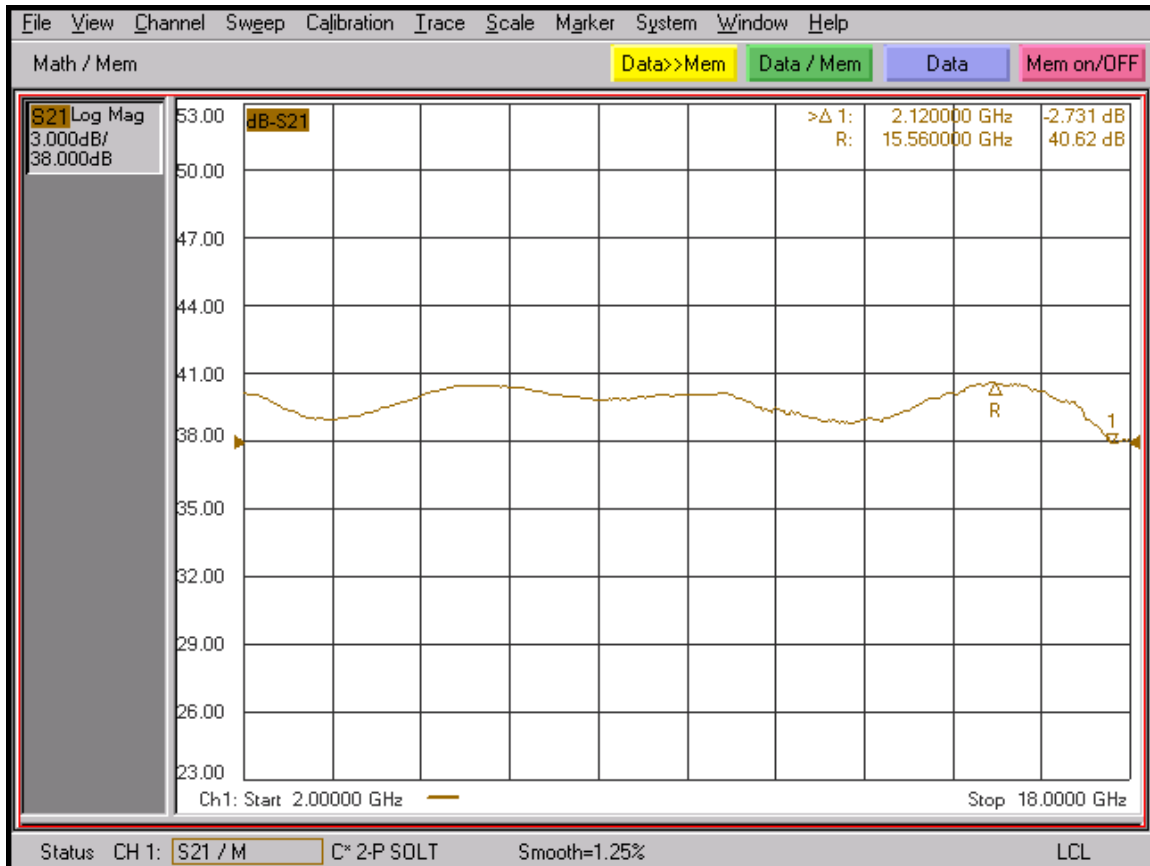
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2.0-18.0 GHz	Pass	
2	Gain:	+38dB Min.	Pass (See Plots)	
3	Gain Flatness:	± 1.5dB Max.	± 1.36dB	
4	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plots)	
5	Noise Figure:	3.8dB Typ. 4.7dB Max.	Pass (See NF Plot)	
6	OP1dB:	+17dBm Goal +16dBm Min.	≥ +17dBm	
7	DC Supply:	350mA@ +15V Max.	337mA@ +15V	

Production Manager Approval:  Date: 4/25/05

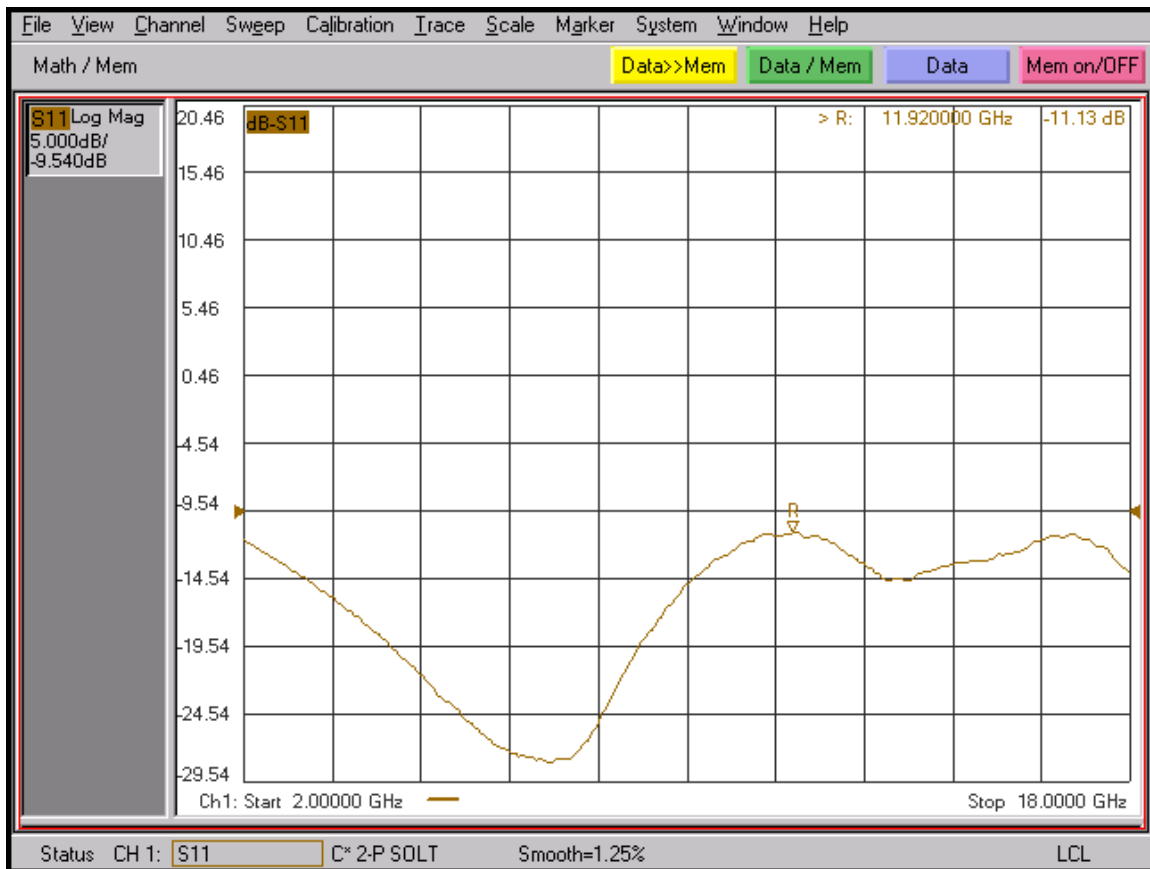
QA/QC Approval:  Date: 4/25/05

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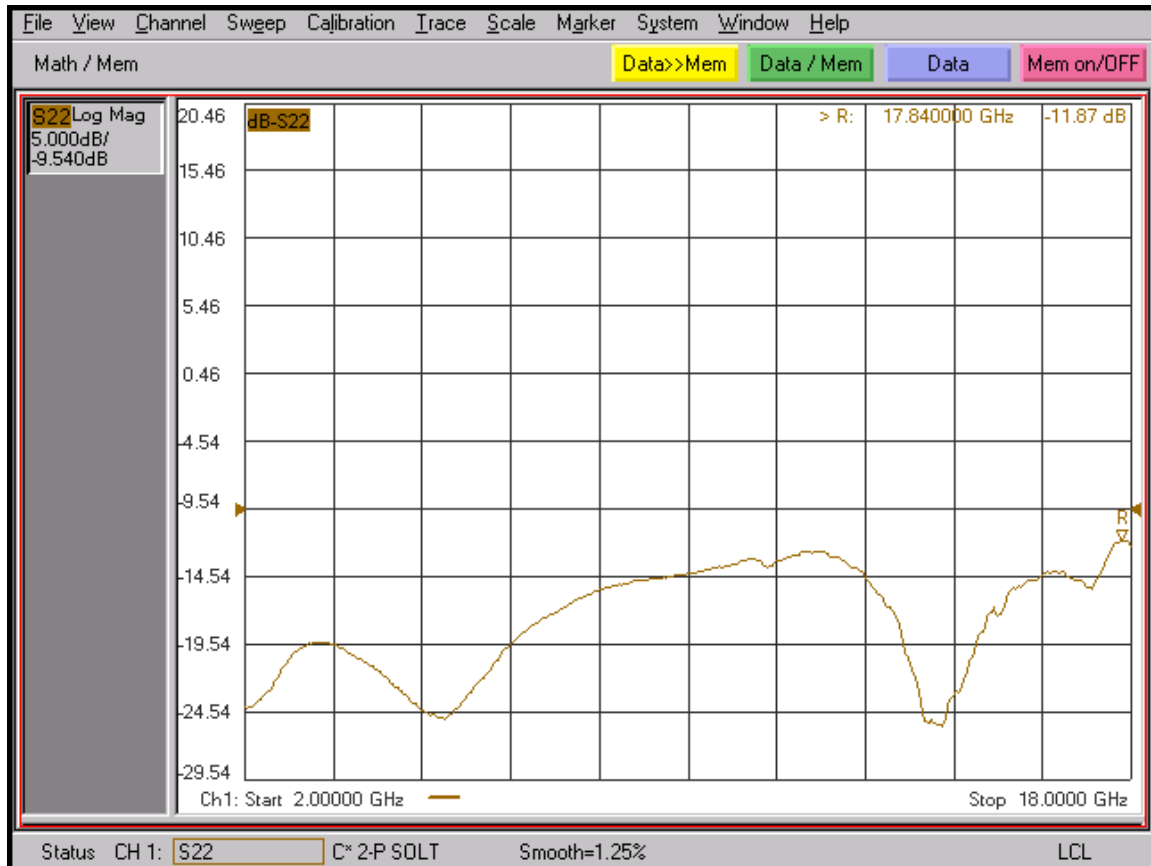
Swept S-Parameter Plot (S21)



Swept S11 Plot



Swept S22 Plot



Noise Figure Plot

