



**SUMMARY TEST DATA
ON AMPLIFIER**

Customer :
 Job No :
 Model No : PM2-0R0118-15-10-SFF
 Serial No : PL1491

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 01/06/05

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2 MHz - 18 GHz	Pass (See Plot)	
2	Gain Window:	13.5 to 17.5dB	Pass (See Plot)	
3	Flatness:	±2.0 dB Max	±1.63 dB	
4	Noise Figure: 10-100 MHz 0.1GHz to 15GHz	10dB Max 7dB Max	Pass (See Plot)	
5	Pout @ 1dB Compression:	+13 dBm Min	≥ +13 dBm	
6	VSWR In/Out:	2.5:1 Max	Pass (See Plot)	
7	DC Supply:	300mA @ +15V Typ.	214mA @ +15V	

Production Manager Approval:  Date: 01/06/05

QA/QC Approval:  Date: 01/06/05

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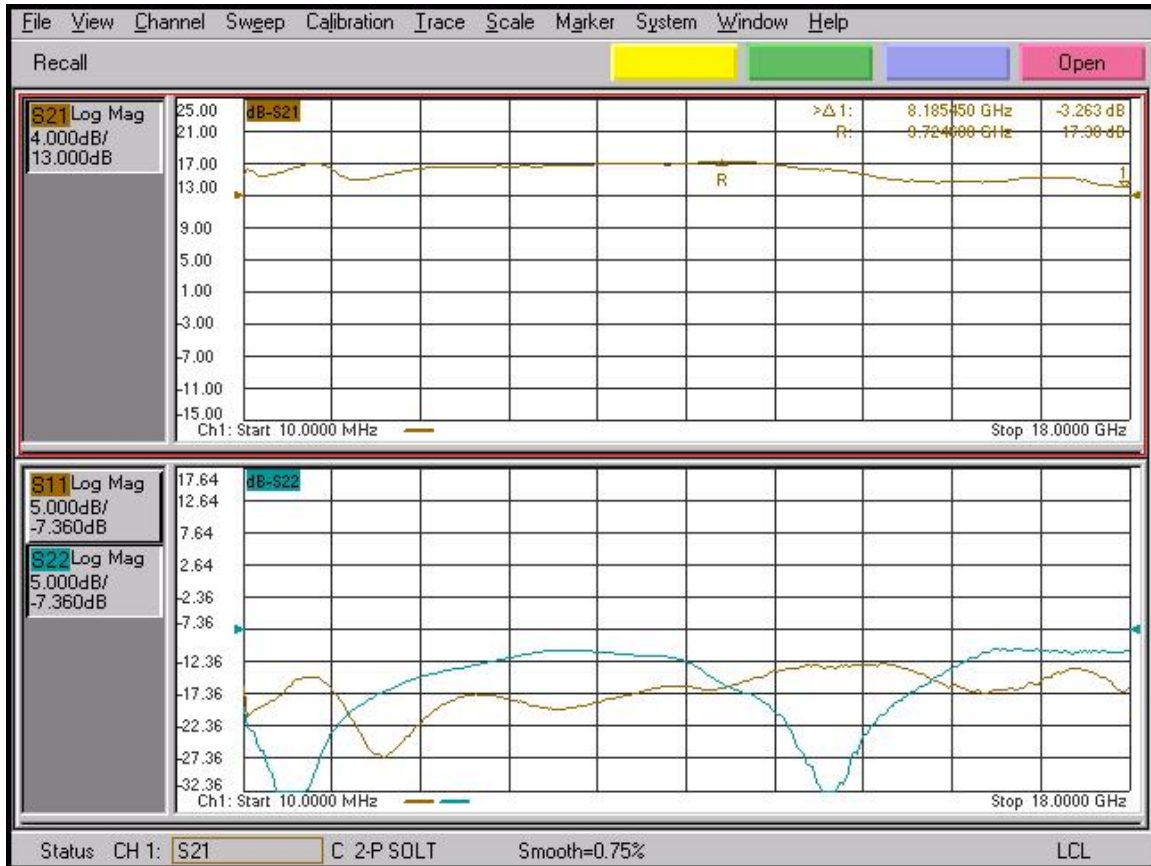
S21 Tabular Data (2 to 10MHz)

S21 Measured from 2MHz to 10MHz

2MHz	3MHz	4MHz	5MHz	6MHz	7MHz	8MHz	9MHz	10MHz
17.08dB	17.50dB	17.29dB	16.91dB	16.60dB	16.29dB	16.03dB	15.81dB	15.63dB

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VNA Plot (10 MHz to 18 GHz)



Noise Figure Plot (10 to 500MHz)



Noise Figure Plot (0.5 to 18GHz)

