



**SUMMARY TEST DATA  
ON AMPLIFIER**

Customer :  
 Job No :  
 Model No : PE2-34-220-8-15-SFF-OPT800M  
 Serial No : PL1188R2

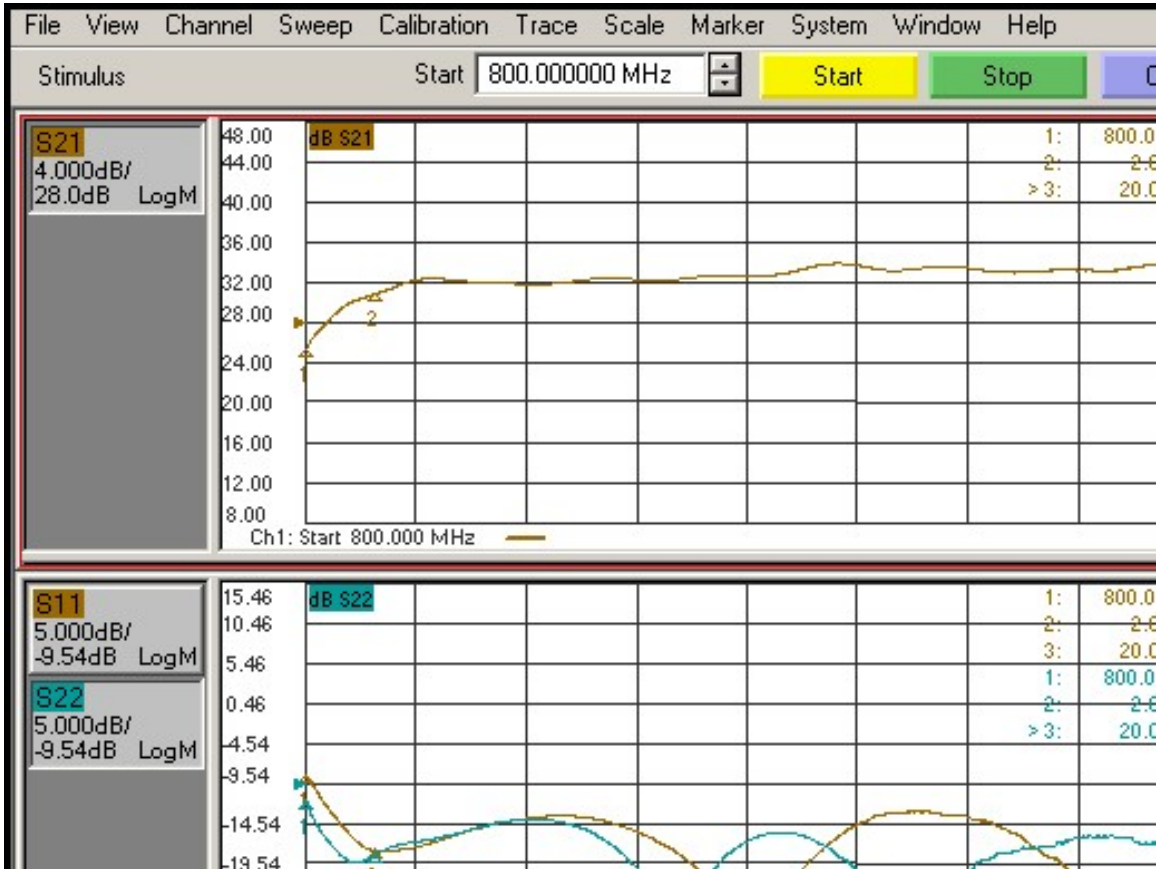
Tested By : Kevin Mason  
 Temperature : +25°C  
 Date : 12/21/07

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2.0 – 20.0GHz	Pass (See Plot)	
2	Extended Frequency Range:	0.8 – 2.0GHz	Pass (See Plot)	
3	Gain: (0.8-2.0 GHz)	20dB Min.	Pass	
	(2.0 – 20.0 GHz)	34dB Min.	Pass	
4	Flatness: (2-20GHz)	±1.5 dB Max.	±1.19 dB	
5	Noise Figure: (0.8-2.0 GHz)	5.3dB Typical	Pass (See Plot)	
	(2.0-20.0 GHz)	4.5dB Max.		
6	Pout @ 1dB Compression:	+8 dBm Min.	≥ +8dBm	
7	VSWR: (0.8-2.0 GHz)	2.5:1 Typical	Pass (See Plot)	
	(2.0-20.0Ghz)	2.0:1 Max.		
8	DC Supply:	350mA @ +15V Max.	248mA @ +15V	

Production Manager Approval:  Date: 12/21/07

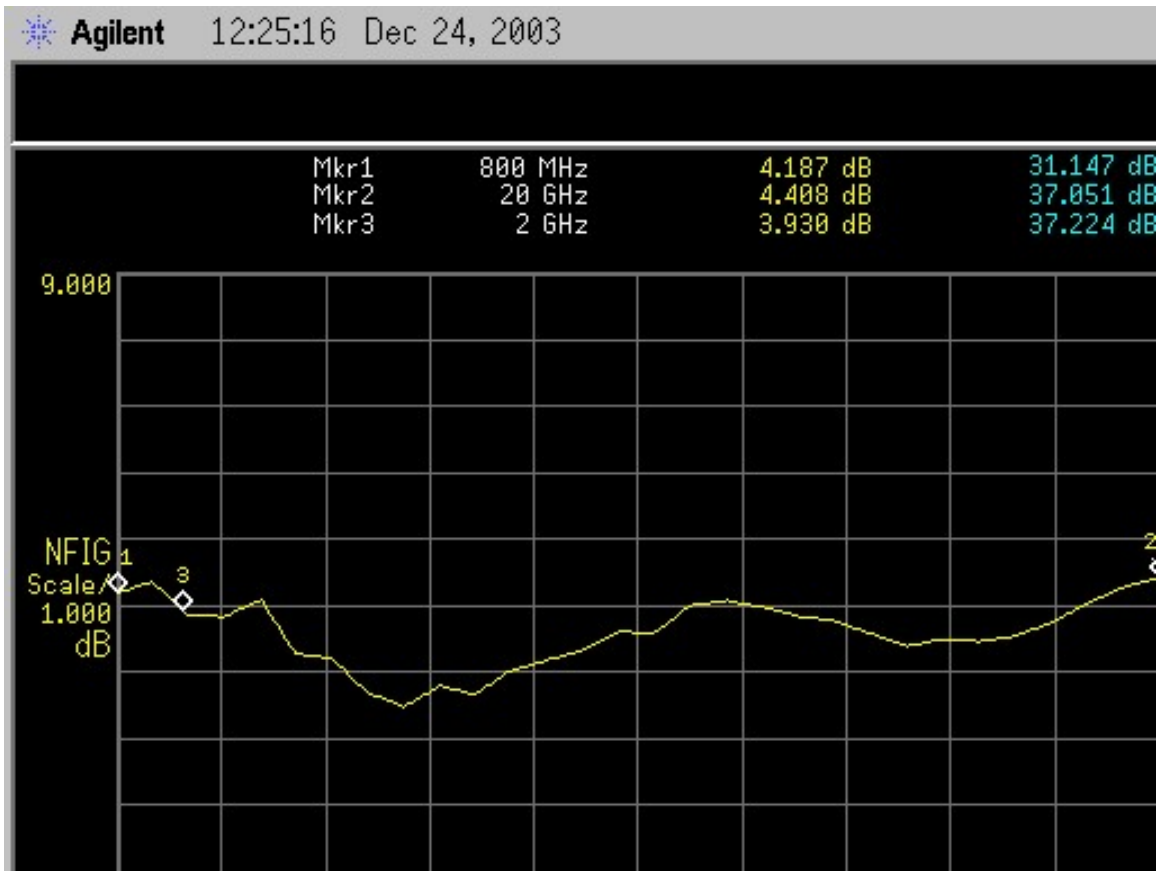
QA/QC Approval:  Date: 12/21/07

### VNA Plot





### Noise Figure Plot (reconfirmed 12/21/07)



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