



**SUMMARY TEST DATA
ON
AMPLIFIER**

Job No : PE601001
 Model No : PEC-3614-0R56-8-15-SFF-TTLVG
 Serial No : PL2362/0619

Tested By : Kevin Mason
 Temperature : +25°C
 Date : 05/22/06

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.5 – 6.0 GHz	Pass	
2	Gain w/o Pad	39.0 dB Nominal 36.0 dB Min.	Pass	
	With Pad	14.0 dB Min.		
3	Flatness:	±2.0 dB Max.	± 1.18 dB	
4	Noise Figure w/o Pad	5.0 dB Max.	Pass	
	With 22dB Pad	12.0 dB Max.	(See plots)	
5	Pout @ 1dB Compression: w/o Pad With Pad	+8 dBm Min. +5 dBm Min.	Pass	
6	Max. Saturated Output Power	+19 dBm. Max.	Pass	
7	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	(See plot)	
8	Max. Input Power w/o Damage	+20 dBm CW	Pass	
9	DC Supply:	265mA @ +15V typ. 25mA @ -15V typ. TTL Current ≤ 2.5mA Total Current 310mA Max.	243mA @ +15V 0mA @ +15V Pass	

Production Manager Approval:  Date: 05/22/06

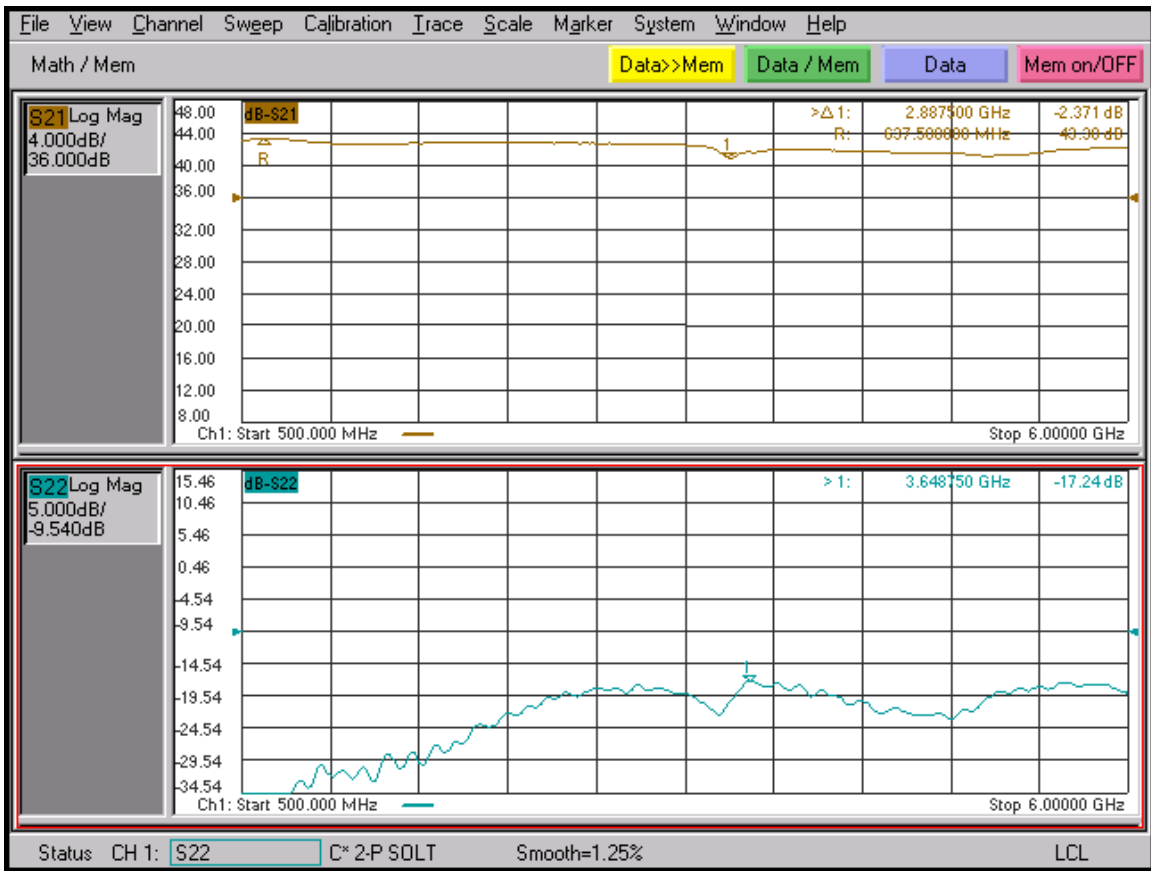
QA/QC Approval:  Date: 05/22/06

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Swept Plot (S21 and S22)

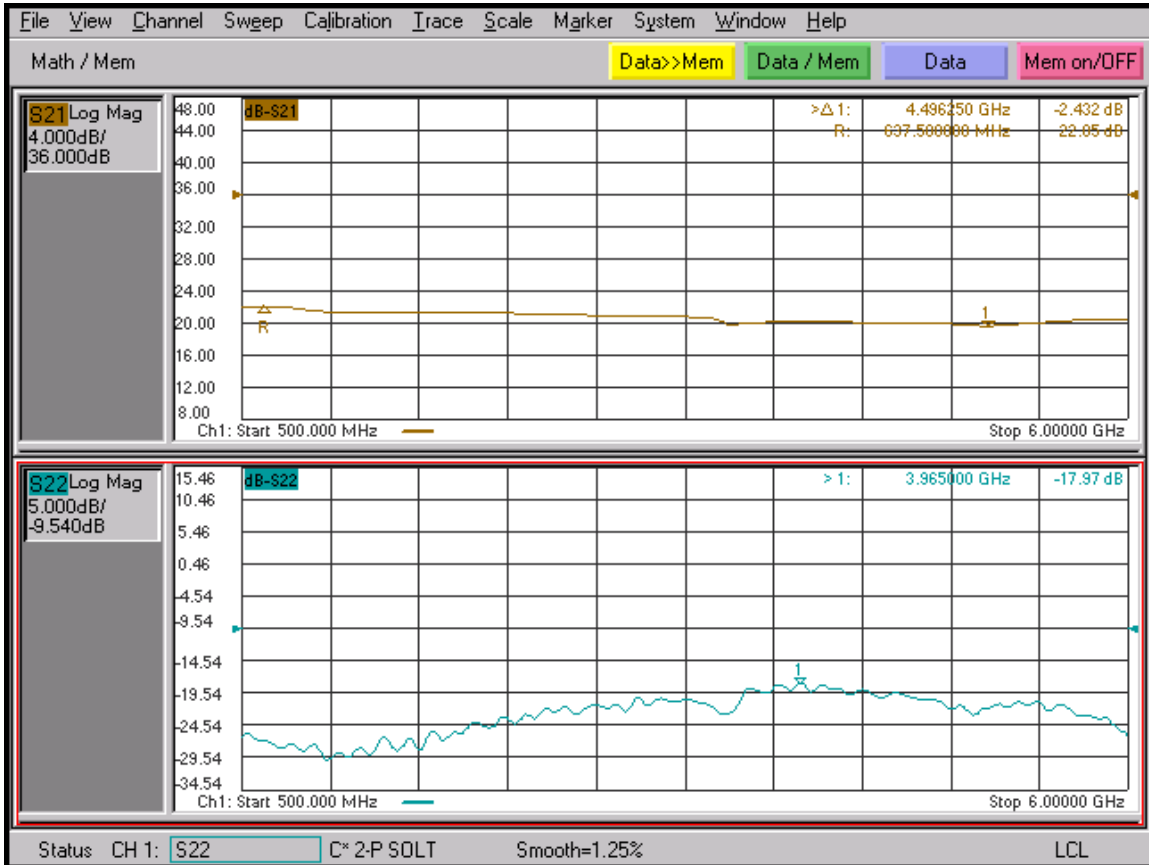
Without Pad – “TTL” = 0





Swept Plot (S21 and S22)

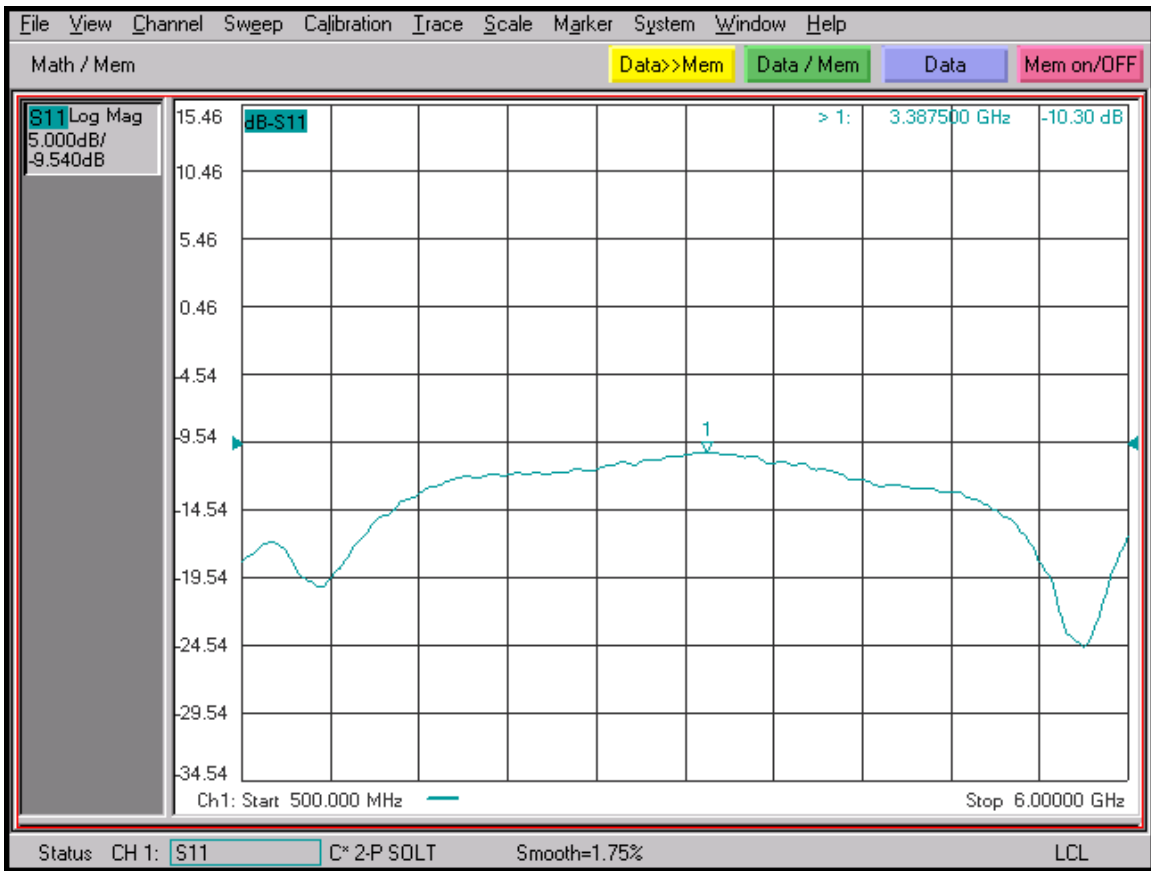
With 22dB Pad – “TTL” = 1



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Swept Plot, S11

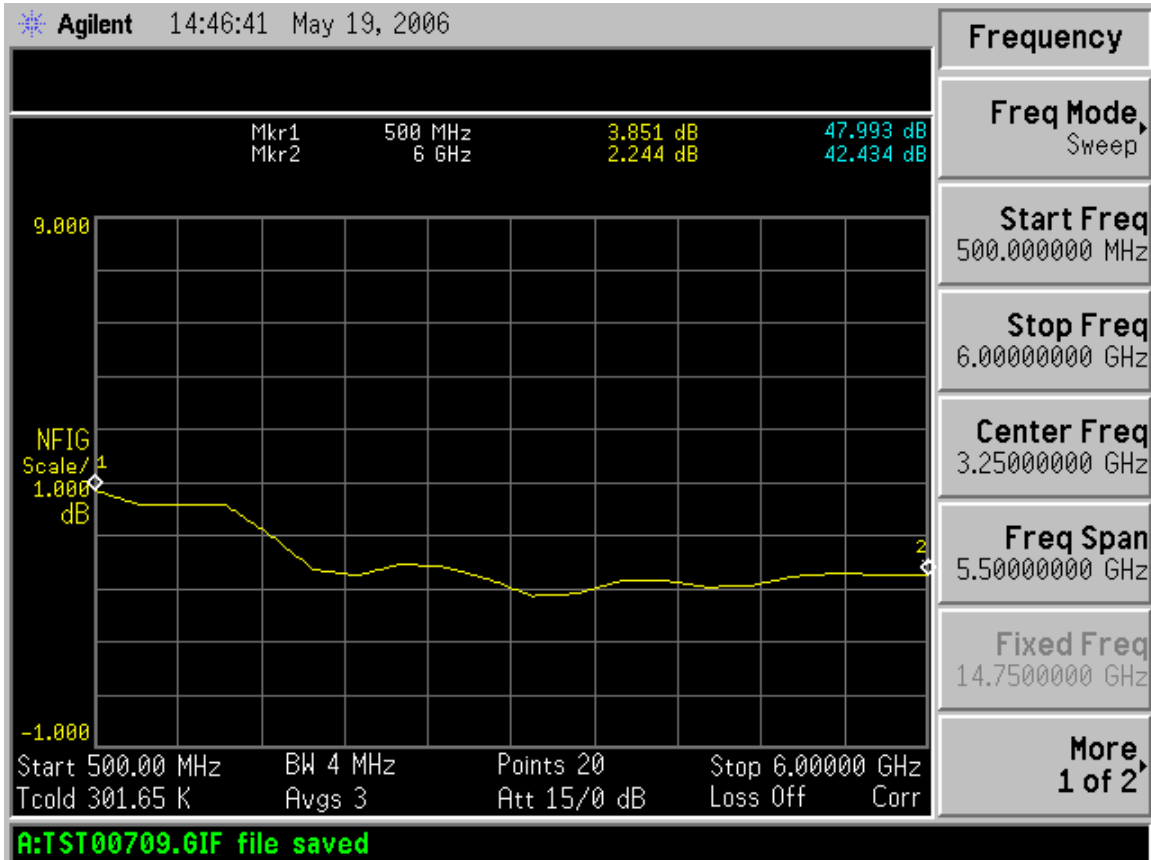


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Noise Figure Plot

Without Pad – “TTL” = 0





Noise Figure Plot

With 22dB Pad – “TTL” = 1

