

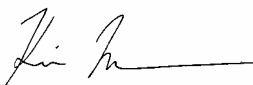


SUMMARY TEST DATA ON AMPLIFIER

Job No : PE603029
Model No : PEC-20-218-16-15-SFF-TTLVG
Serial No : PL2399

Tested By : Kevin Mason
Temperature : +25°C
Date : 6/05/06

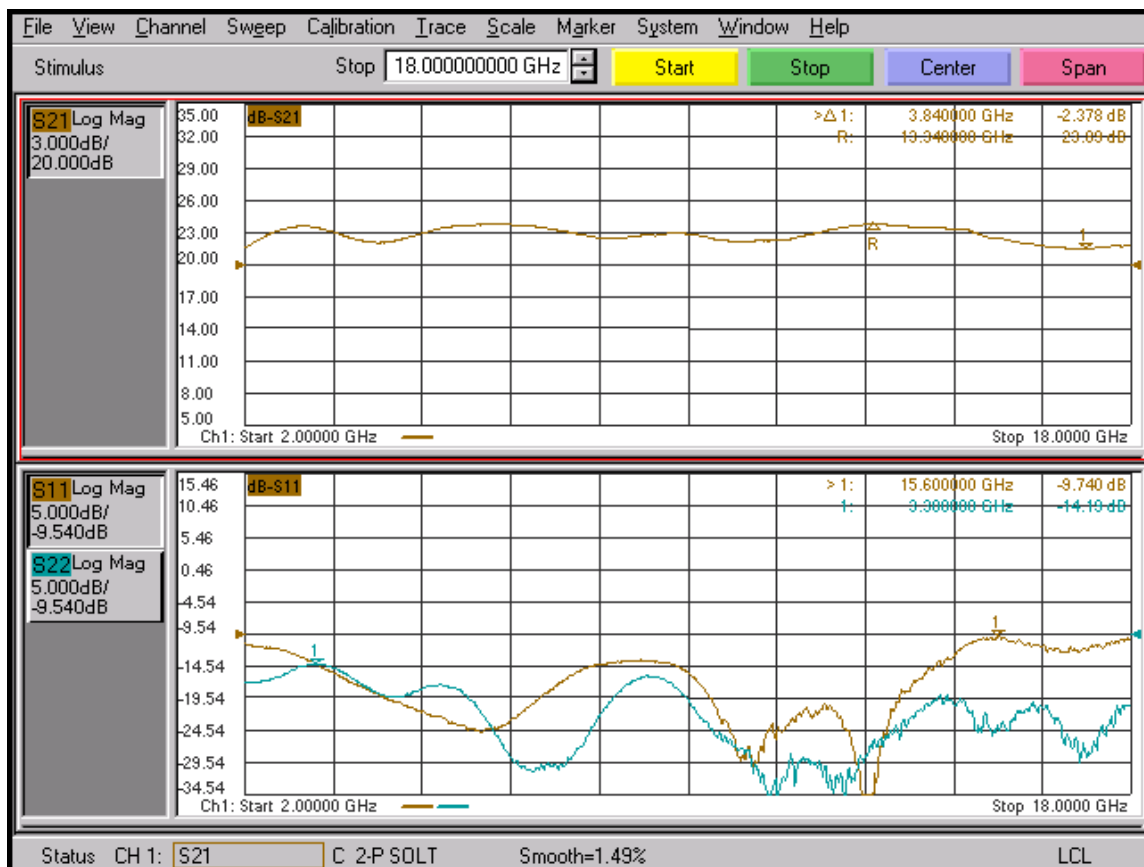
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2 - 18 GHz	Pass (See Plot)	
2	Gain:	20dB Min. "ON state" 0dB "OFF state"	Pass (See Plot)	
3	Flatness:	±1.5 dB Max "On State"	±1.18 dB	
4	Noise Figure:	7dB Max "On State"	Pass (See Plot)	
5	Pout @ 1dB Compression:	+15dBm Min +16dBm Typ. "On State"	≥ +15 dBm	
6	VSWR In/Out:	2.0:1 Max	Pass (See Plot)	
7	DC Supply:	400mA @ +15VDC 50mA @ -15VDC	204mA @ +15V Not Used	
8	Switching Speed:	<2us	Pass	

Production Manager Approval:  Date: 6/05/06

QA/QC Approval:  Date: 6/05/06



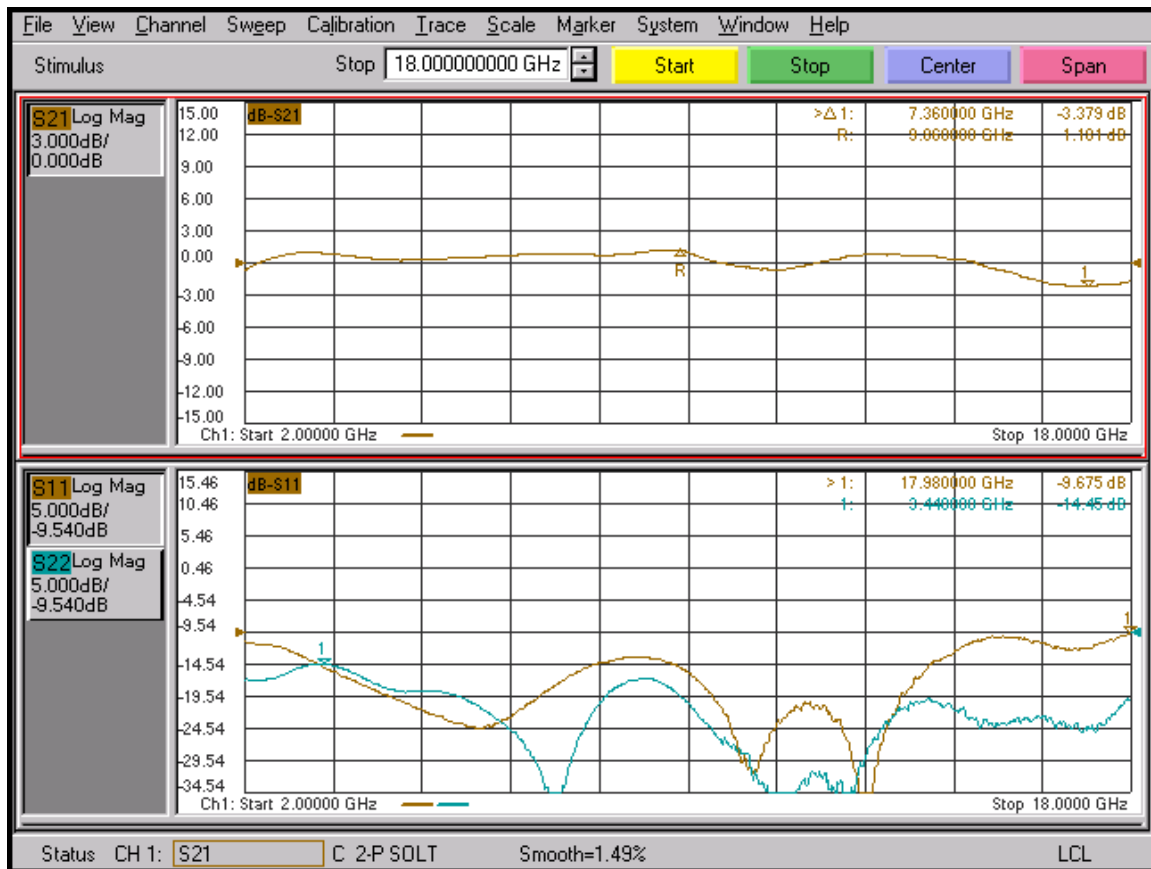
VNA Plot (CTL = TTL "0") Full Gain



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VNA Plot (CTL = TTL "1") Attenuated Gain



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Noise Figure Plot ("ON" State)

