



SUMMARY TEST DATA ON SAMPLE AMPLIFIER

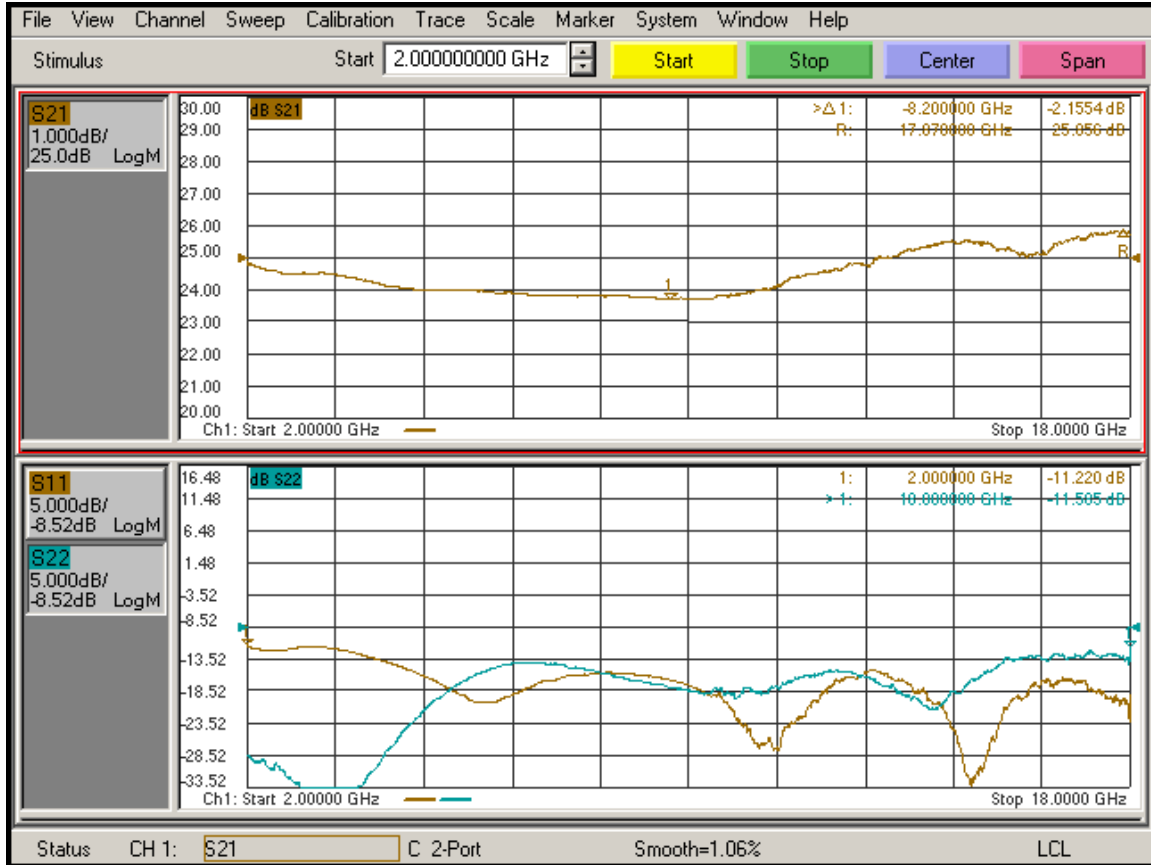
Customer :
Job No :
Model No : PE2-28-6R418-4R0-15-9-SFF
Serial No : PL3361

Tested By : Kevin Mason
Temperature : +25°C
Date : 6/27/07

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	6.4-18.0 GHz	Pass	
2	Gain:	+26dB Typ.	Pass (See Plot)	
3	Gain Flatness:	±1.25dB Typ.	±1.07dB	
4	Psat:	+13dBm Typ.	See Following Table	
5	In-Band Harmonic Rejection:	-14dBc Typ.	Pass	
6	VSWR:	Input : 2.0:1 Output: 2.0:1 (Max.)	Pass (See Plot)	
7	Noise Figure:	5.75dB Max.	Pass	
8	DC Supply:	250mA@ +9VDC Max.	135mA	
9	Input Power:	+20dBm CW Max.	Pass	

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S-Parameter Plot



Saturated Output Power Measurements:

Pin = -25dBm

Frequency (GHz)	6.4	10.0	12.0	16.0	18.0
Power (dBm)	-1.2	-1.6	-1.3	-1	-0.7

Pin = -5dBm

Frequency (GHz)	6.4	10.0	12.0	16.0	18.0
Power (dBm)	10.3	9.2	10.6	10	8.3

Pin = +4dBm

Frequency (GHz)	6.4	10.0	12.0	16.0	18.0
Power (dBm)	11.2	9.3	11.3	10.3	8.9