PLANAR electronics technology

SUMMARY TEST DATA
ON AMPLIFIER

Customer :
Job No :
Model No : PHC-20-26-26DBM-15-SFF
Serial No : PL963

Tested By : Kevin Mason
Temperature : +25°C
Date : 06/27/03

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2 – 6 GHz	Pass	
2	Gain:	18dB Min. to 22dB Max.	Pass (See Plot)	
3	Gain Variation: J1 to J2	± 2.0 dB Max.	± 0.85dB	
4	Noise Figure:	7.5 dB Max.	Pass (See Plot)	
5	Output Power @ 1dB Gain Compression	+26dBm Min.	≥ +26dBm	
6	VSWR In/Out:	1.8:1 Max.	Pass (See Plots)	
7	2ND Harmonic Rejection @ Pin=-4dBm:	-30dBc Min.	≥ -30dBc (See Plot)	
8	Reverse Isolation	45dB Min.	-57.3dB	
9	DC Power	925mA@+15 VDC	407mA	

Production Manager Approval: _____ **Date: 06/27/03**

QA/QC Approval: _____ **Date: 06/27/03**

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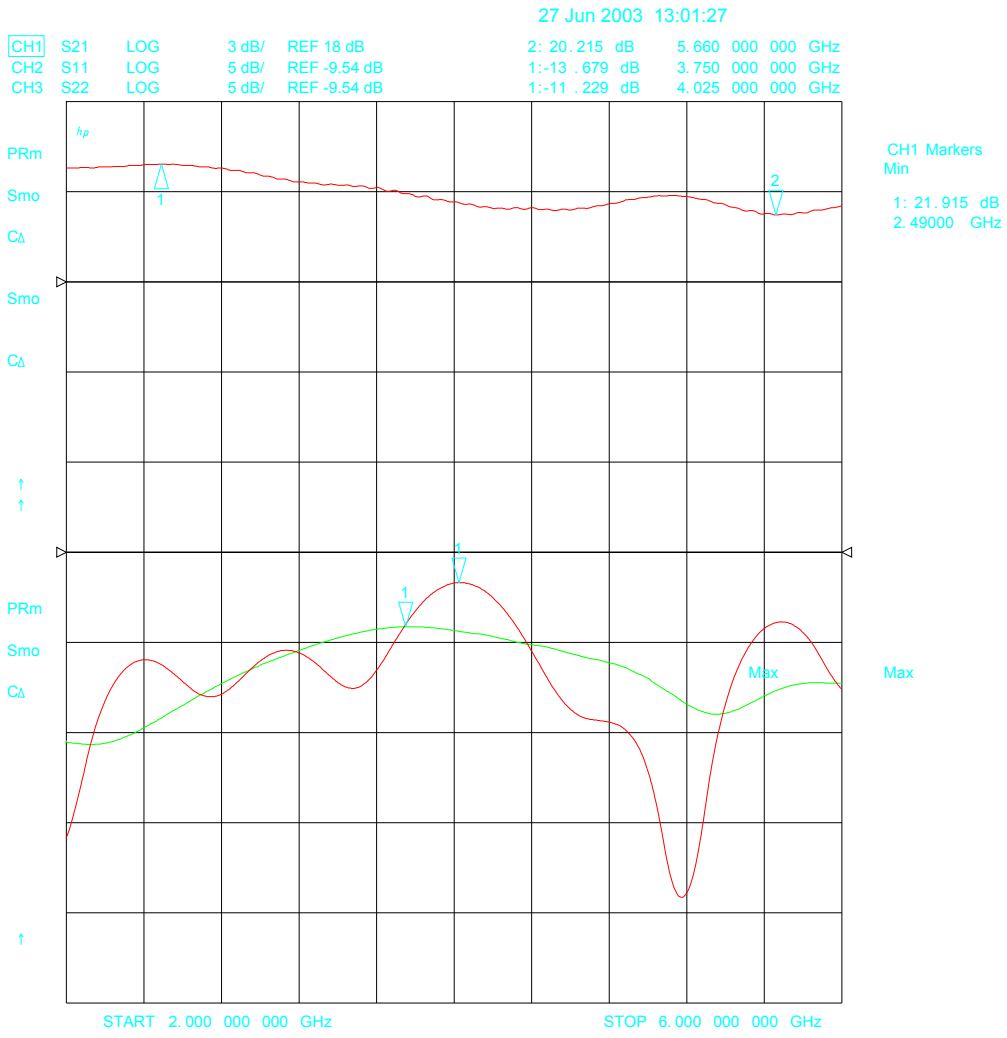
VNA Plot – J1 to J2



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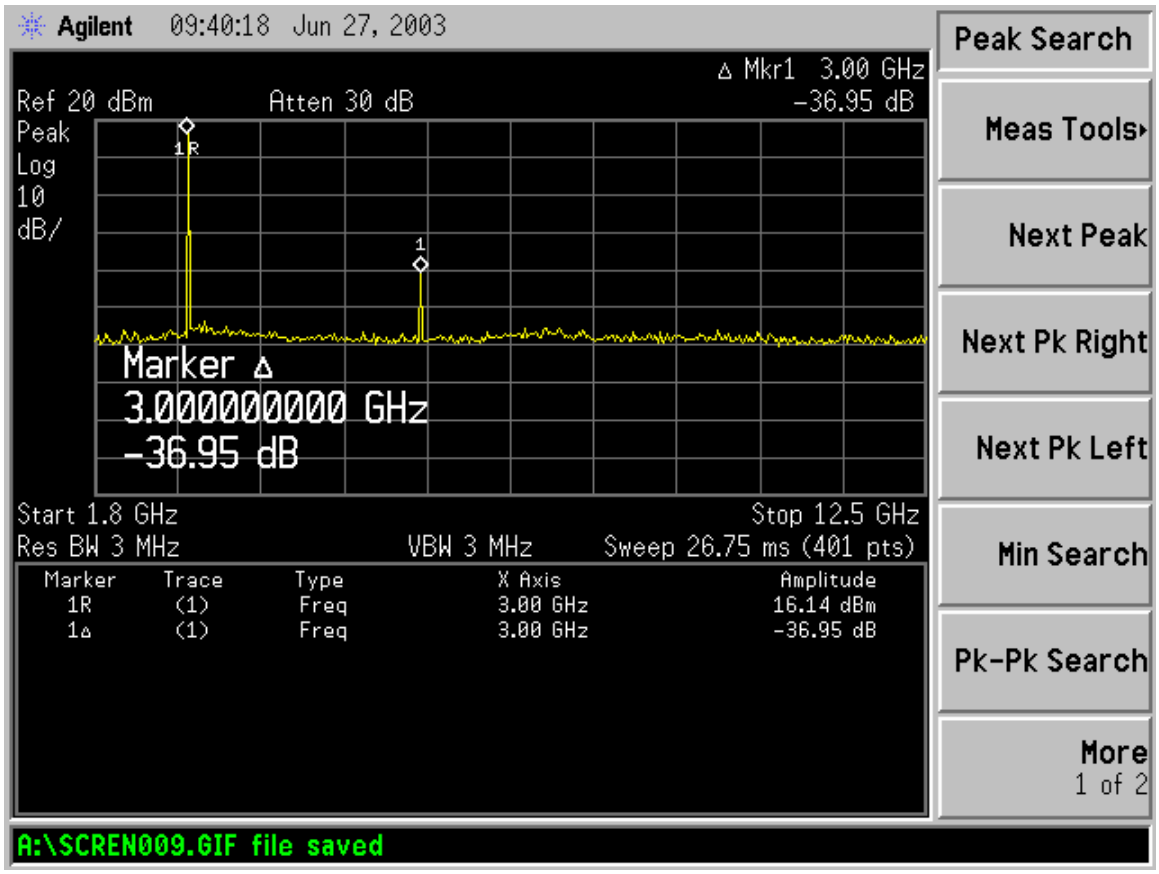
Worst Case 2ND Harmonic Plot with Pin=-4dBm



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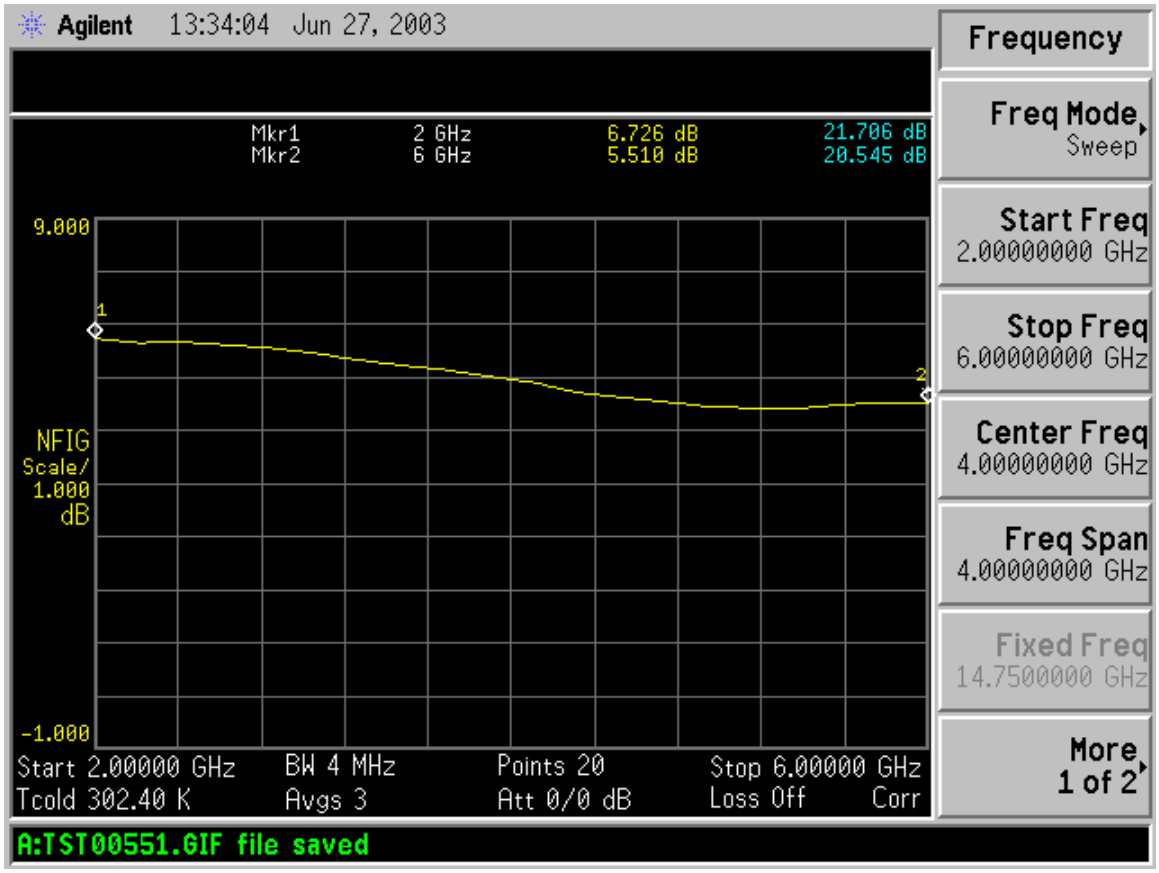
Noise Figure Plot - J1 to J2



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