



**SUMMARY TEST DATA
ON
SWITCH FILTER BANK**

Customer :
 SO No : SO09000033
 Model No : 4SFB-2G6G-CD-5-N12-SFF
 Serial No : PL5673/0926

Tested By : S. Palacio
 Temperature : +25°C
 Date : 5/31/09

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA/QC
1	Pass band Frequency Range:	2 GHz – 6 GHz		
2	Pass band Bandwidth:	1 GHz @ each channel	See plots	
3	Insertion Loss:	5 dB Max	See plots	
4	Isolation:	60 dB Min @ channel to channel	See plots	
5	Pass band Ripple:	0.75 dB Peak-Peak	See plots	
6	Switching Speed:	As previously supplied	Pass	
7	Pass band VSWR	2:1 Max	See plots	
8	Control Line:	TTL Positive	Pass (See Truth Table)	
9	DC Supply:	+5VDC:200mA Max -12VDC:200mA Max	+5VDC: 198 mA -12VDC: 70 mA	
10	Stop band Freq. and Attenuation	15% of corner freq., 60 dB Min	See plots	

TTL Truth Table

CTL 1	CTL 2	Filter Path
0	1	2 – 3 GHz
0	0	3 – 4 GHz
1	0	4 – 5 GHz
1	1	5 – 6 GHz

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD FREDERICK, MD 21704

TEL: 301-682-5019 FAX: 3016621731

www.pmi-rf.com



Channel 1 (2 – 3 GHz) Broadband



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Channel 1 (2 – 3 GHz) Narrow Band



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Channel 2 (3 – 4 GHz) Broadband



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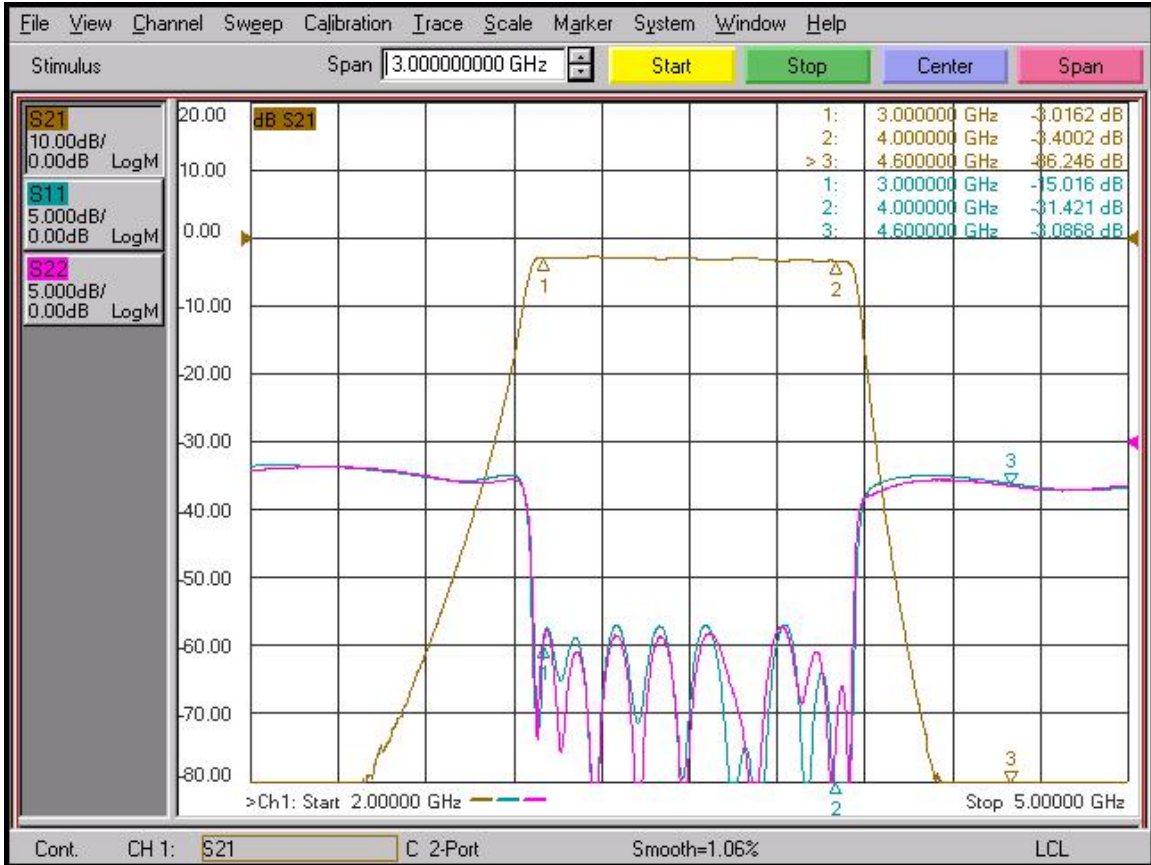
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Channel 2 (3 – 4 GHz) Narrow Band



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Channel 3 (4 – 5 GHz) Broadband



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Channel 3 (4 – 5 GHz) Narrow Band



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Channel 4 (5 – 6 GHz) Broadband



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Channel 4 (5 – 6 GHz) Narrow Band



Production Manager Approval _____ Date: _____

QA/QC Approval: _____ Date: _____