



**SUMMARY TEST DATA
ON
SWITCH FILTER BANK**

Customer :
 SO No : SO10-161-F
 Model No : 4SFB-2G6G-CD-5-N12-SFF
 Serial No : PL8433/1049

Tested By : S. Palacio
 Temperature : +25°C
 Date : 12/8/10

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA/QC
1	Pass band Frequency Range:	2 GHz – 6 GHz	See plots	
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:	2uS Max.	Pass	
7	Pass band VSWR	2.0:1 Max	See plots	
8	Control Line:	TTL	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	

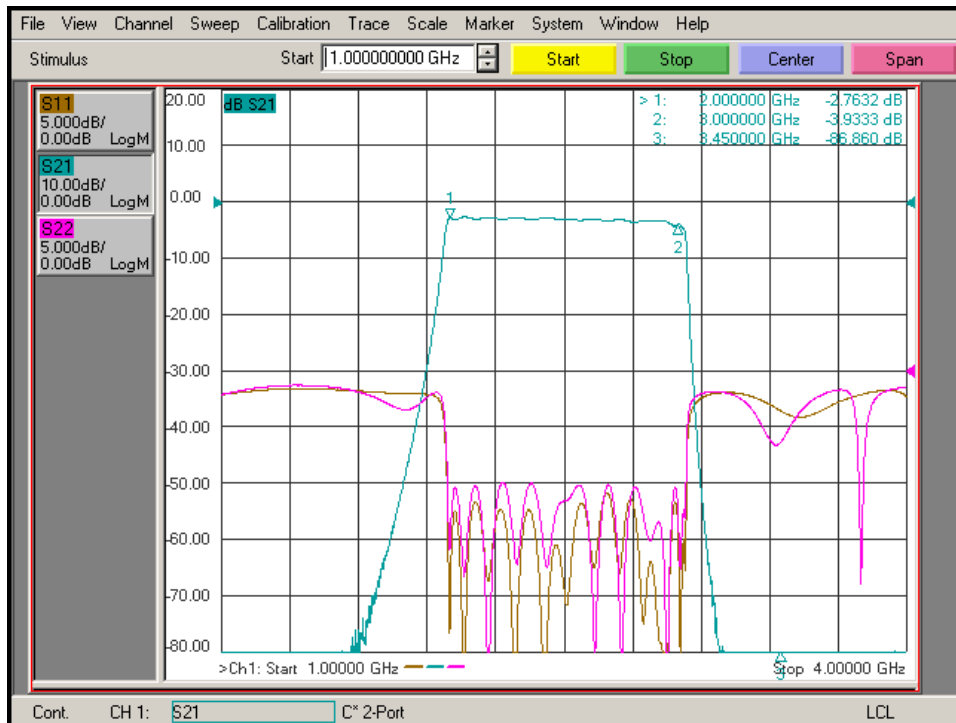
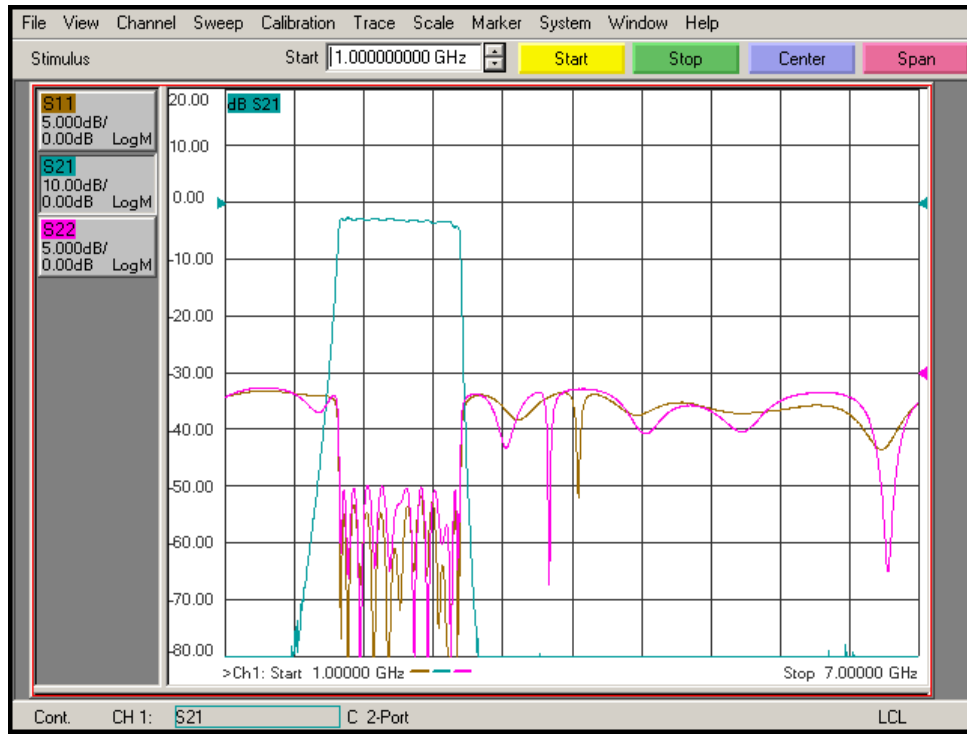
TTL Truth Table

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

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 TEL: 301-682-5019 FAX: 3016621731
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Channel 1 (2 – 3 GHz)



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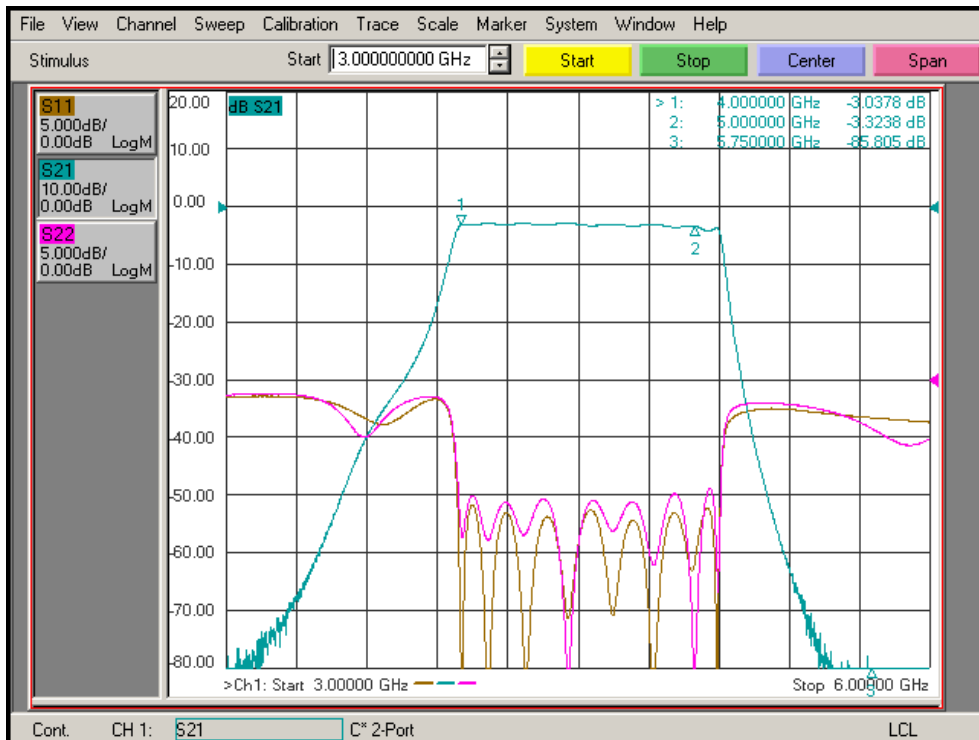
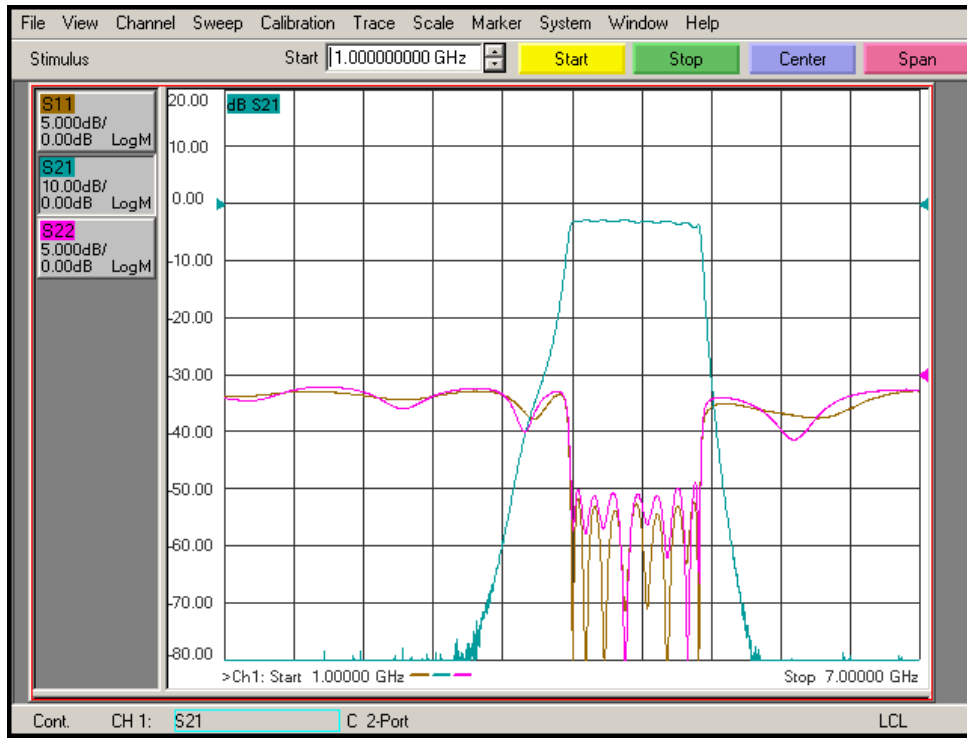
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Channel 3 (4 – 5 GHz)



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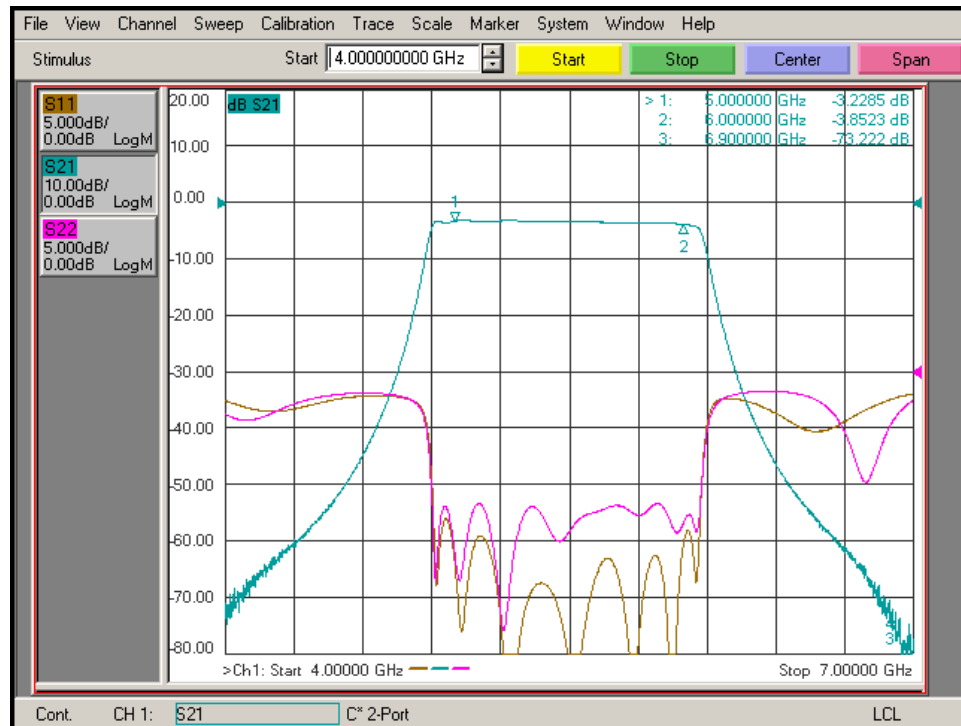
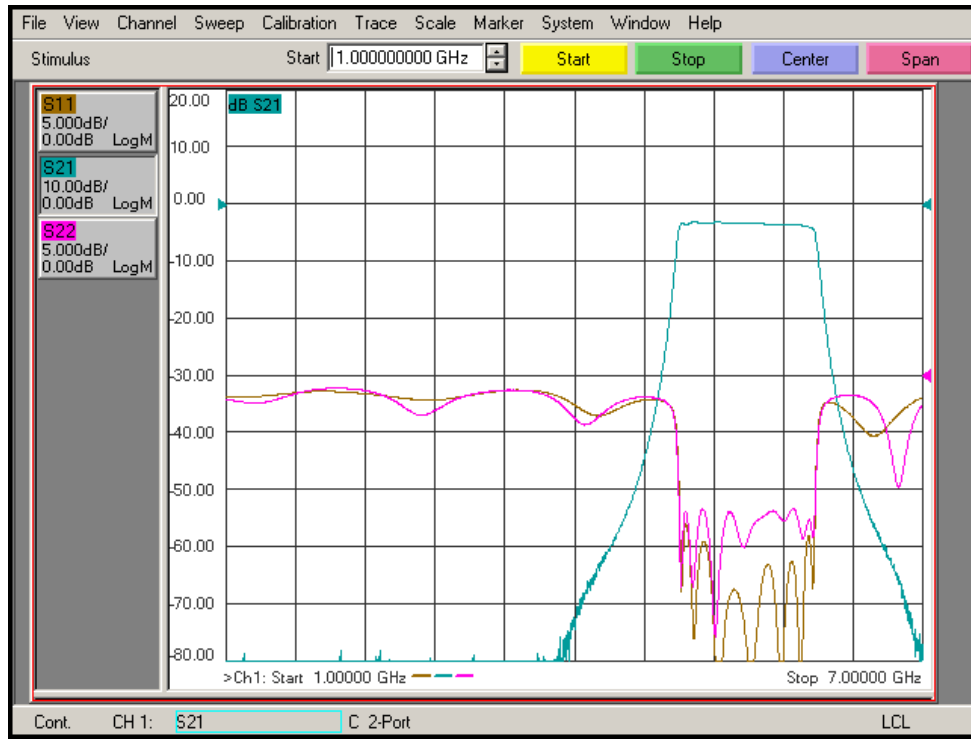
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Channel 4 (5 – 6 GHz)



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Production Manager Approval _____ **Date:** _____

QA/QC Approval: _____ **Date:** _____

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