



**SUMMARY TEST DATA  
ON  
4SFB-2G6G-CD-5-N12-SFF**

Customer:		Tested By:	C. Ertter
SO No:		Temperature:	+25°C
Model No:	4SFB-2G6G-CD-5-N12-SFF	Date:	10/8/20
Serial No:	PL30412/2040	Drawing No:	27610341
		Rev:	C1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULT	QA QC
1	Pass Band Frequency Range:	2 GHz – 6 GHz	2 GHz – 6 GHz See Plot	PMI QA 2
2	Pass Band Bandwidth:	1 GHz Min @ each channel	>1 GHz See Plot	
3	Pass Band Ripple:	0.5 dB Peak to Peak	See Typical Characteristics	
4	Insertion Loss:	5 dB Max	<5 dB See Plot	
5	Impedance:	50 OHMS	Pass	
6	Switching Speed:	2 us Max	See Typical Characteristics	
7	Pass Band VSWR:	2.0:1 Max	1.8:1 See Plot	
8	Control Line:	TTL Positive See Truth Table	Pass	
9	DC Supply:	+5VDC @ 200mA Max -15VDC @ 200mA Max	+5VDC @50 mA -15VDC @50 mA	
10	Stop Band Frequency And Attenuation:	15% of corner frequency 60 dB Min	Pass	PMI QA 2

<b>TTL Truth Table</b>		
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

QA/QC Approval: PMI QA 2 Date: 10.8.2020

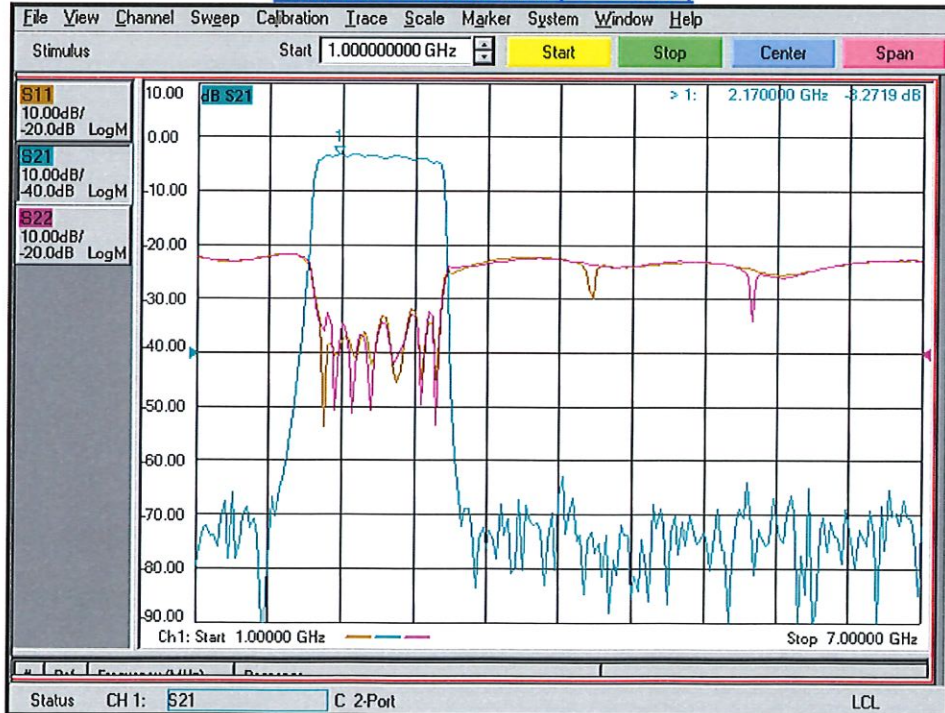


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## Channel 1 (2 – 3 GHz)



## Channel 1 Broadband (2 – 3 GHz)





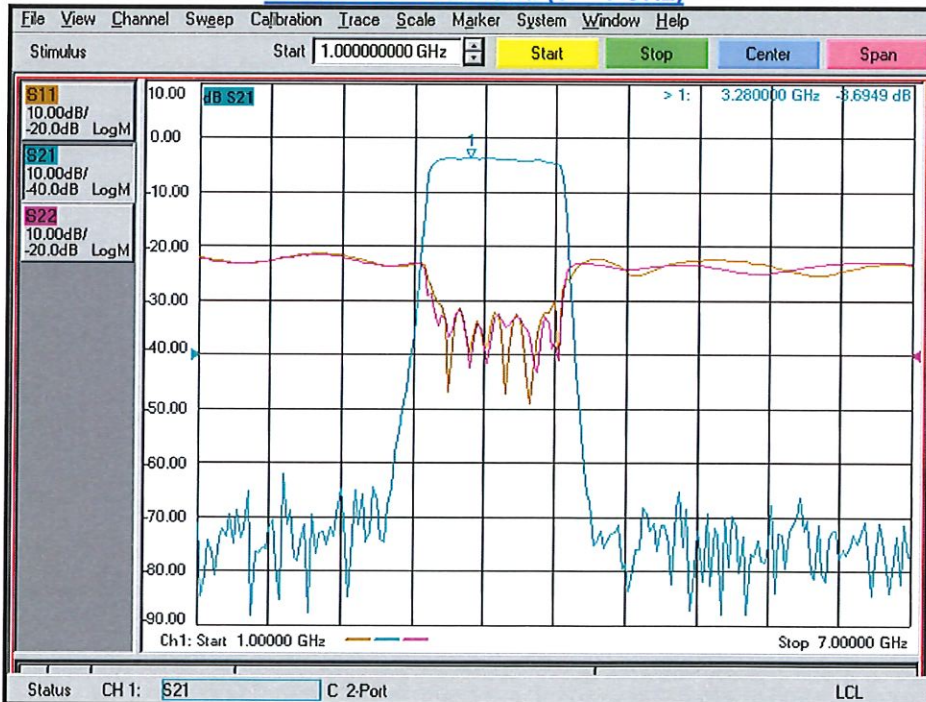


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**Channel 2 (3 – 4 GHz)**



**Channel 2 Broadband (3 – 4 GHz)**



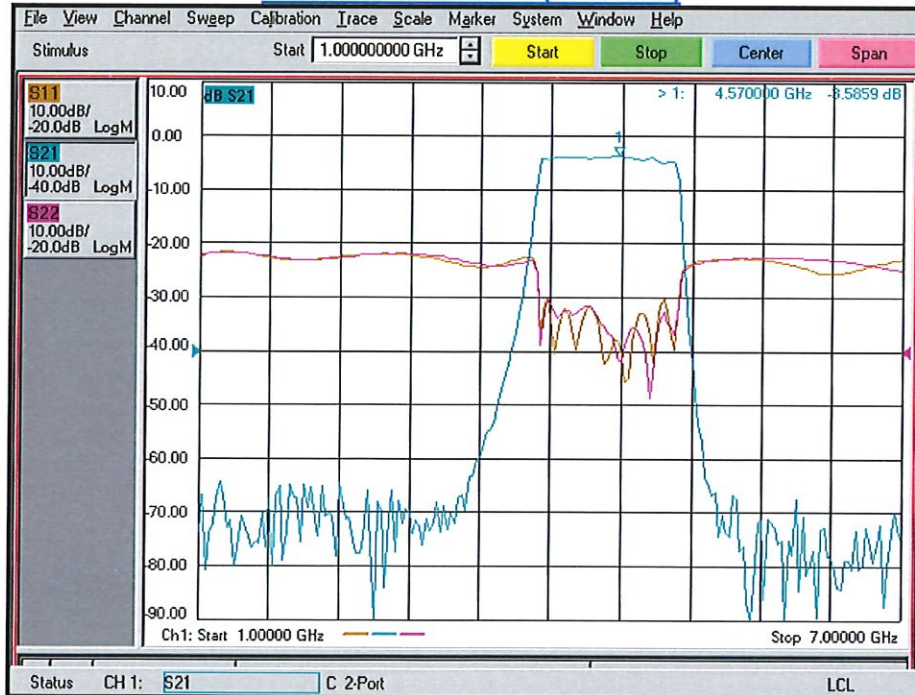


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**Channel 3 (4 – 5 GHz)**



**Channel 3 Broadband (4 – 5 GHz)**

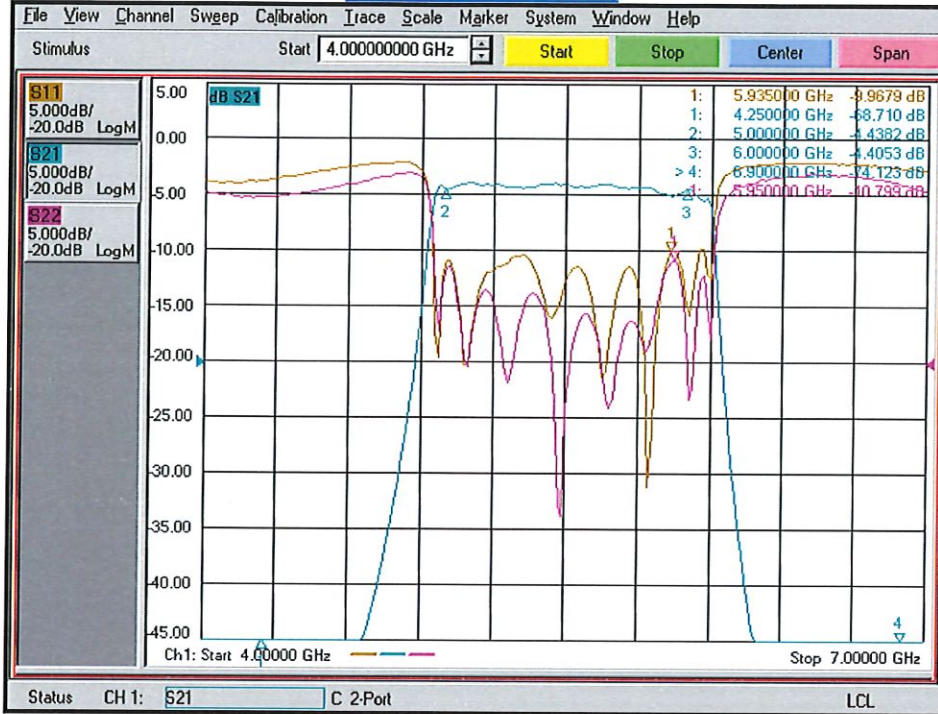






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**Channel 4 (5 – 6 GHz)**



**Channel 4 Broadband (5 – 6 GHz)**

