



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

Customer: _____
SO No: _____
Model No: 4SFB-2G6G-CD-5-N12-SFF
Serial No: PL61745/2633

Tested By: H. Gonzales
Temperature: +25°C
Date: 8/10/2026
Drawing No: 27610341 Rev: C1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz - 6 GHz	2 GHz - 6 GHz	PMI QA6
2	Pass Band Bandwidth:	1 GHz Min. @ Each Channel	Pass See Graphs	
3	Pass Band Ripple:	0.5 dB Peak to Peak	Pass 0.5 dB Peak to Peak See Graphs	
4	Insertion Loss:	5 dB Max.	3.78 dB See Graphs	
5	Impedance:	50 Ω	50 Ω	
6	Switching Speed:	2 μ s Max.	<300 ns See Typical Characteristics	
7	Pass Band VSWR:	2.0:1 Max.	1.83:1 See Plots	
8	Control Line:	TTL Positive See Truth Table	Pass	
9	DC Supply:	+5 VDC @ 200 mA Max. -15 VDC @ 200 mA Max.	+5 VDC @ 45mA -15 VDC @ 51mA	
10	Stop Band Frequency and Attenuation:	15% of corner frequency 60 dB Min.	64 dB See Graphs	PMI QA6

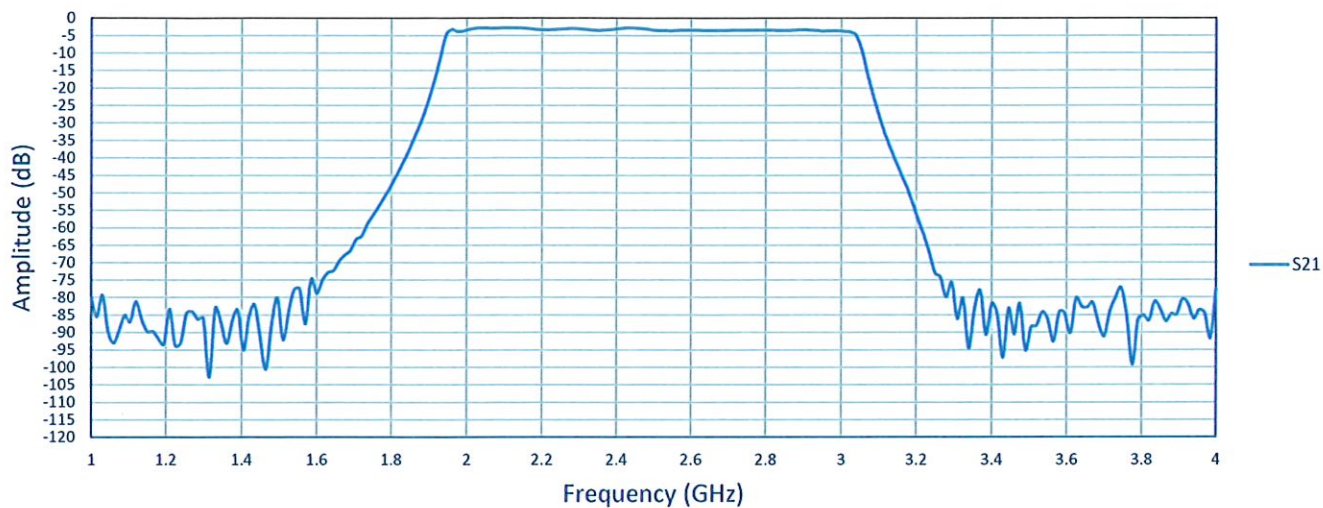
TTL Truth Table		
CTL 1	CTL 2	Filter Path
0	1	2 - 3 GHz
0	0	3 - 4 GHz
1	0	4 - 5 GHz
1	1	5 - 6 GHz

QA/QC Approval: Anthony Karczy PMI QA6

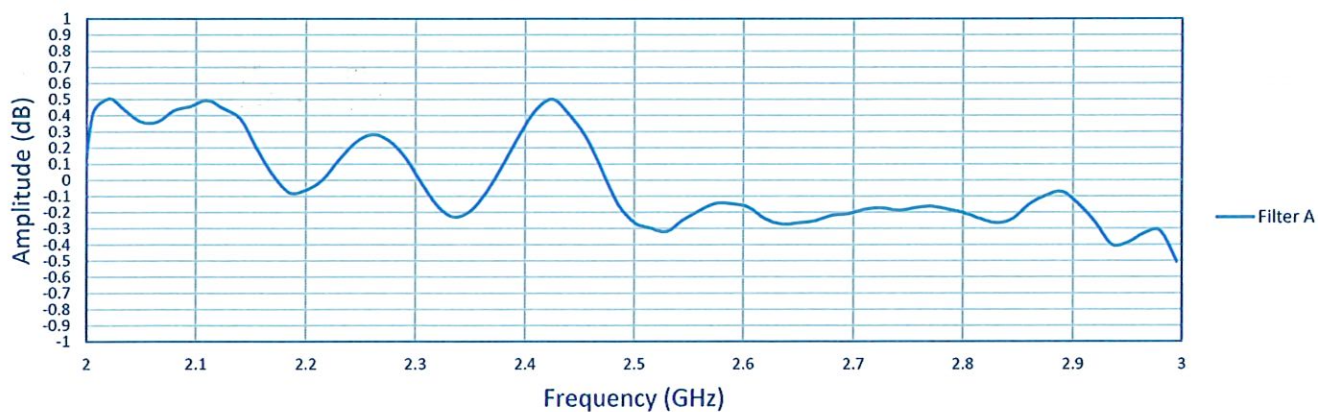
Date: 8/19/26

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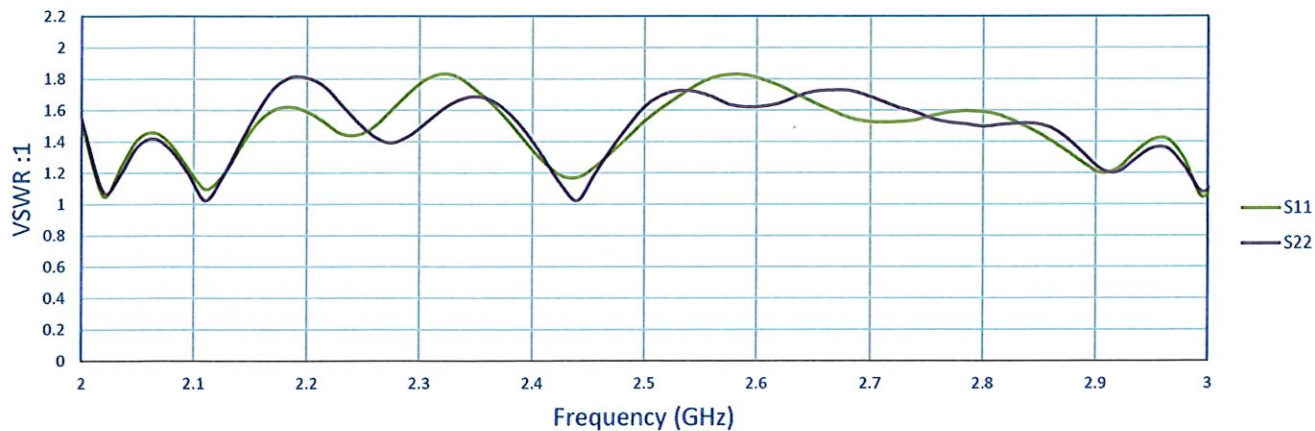
2 - 3 GHz Filter



2 - 3 GHz Filter Ripple

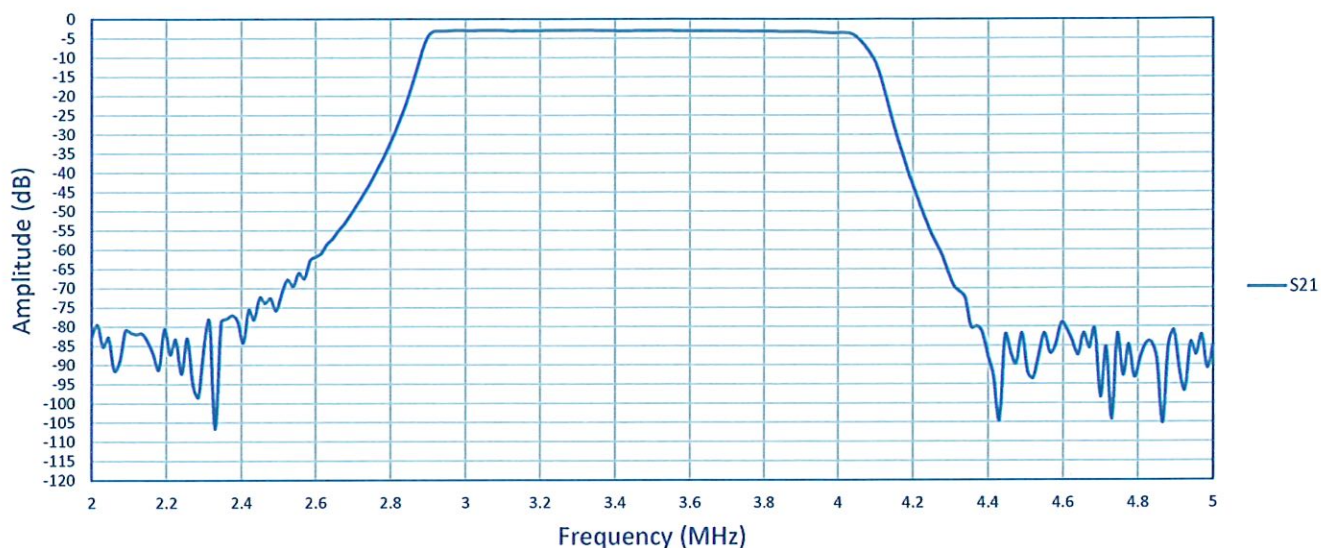


VSWR 2 - 3 GHz Filter

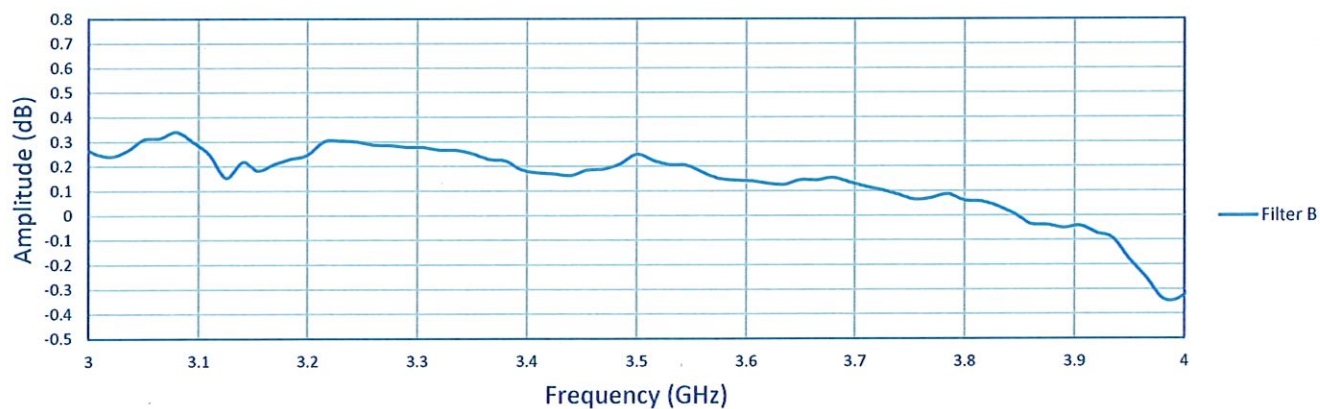


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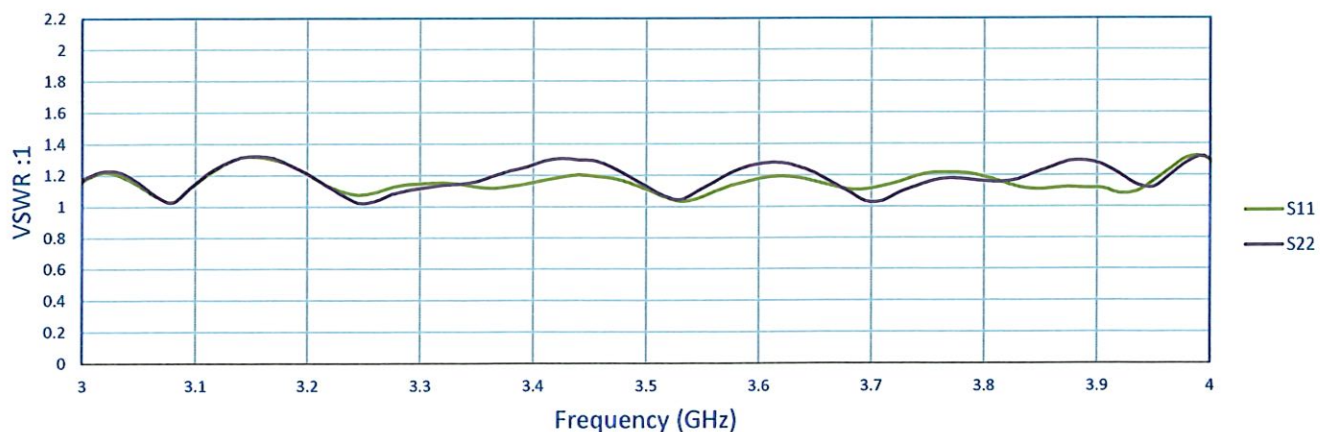
3 - 4 GHz Filter



3 - 4 GHz Filter Ripple

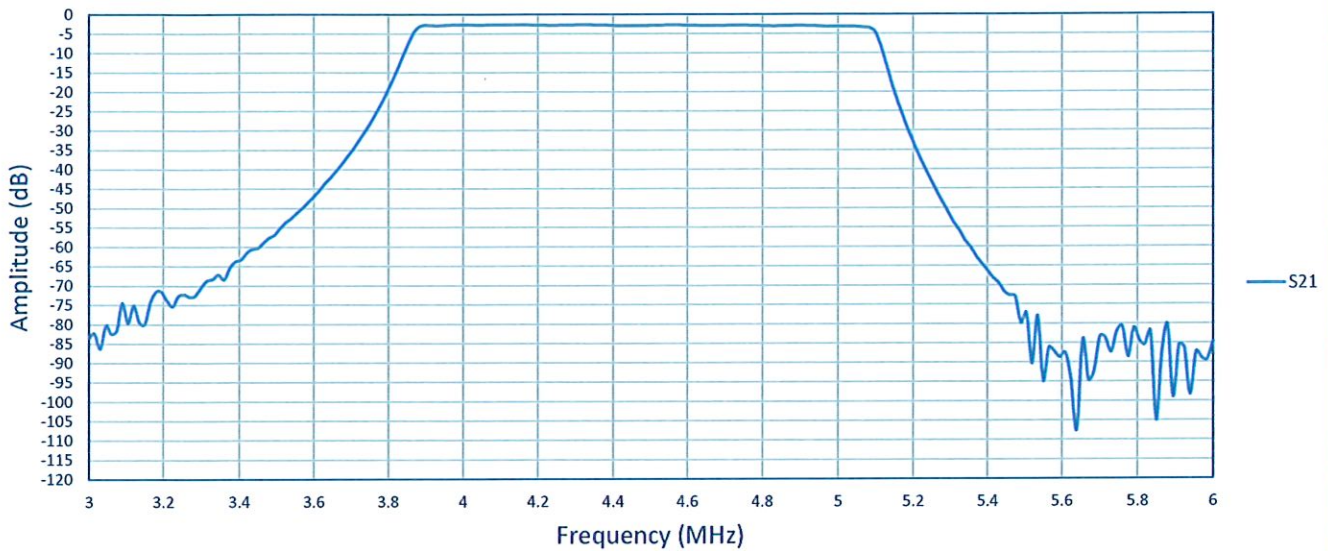


VSWR 3 - 4 GHz Filter

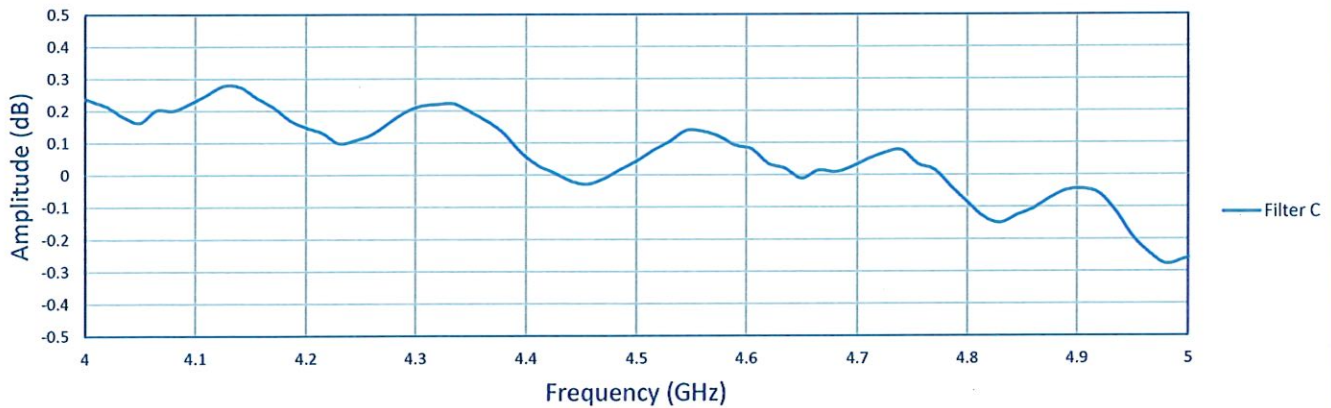


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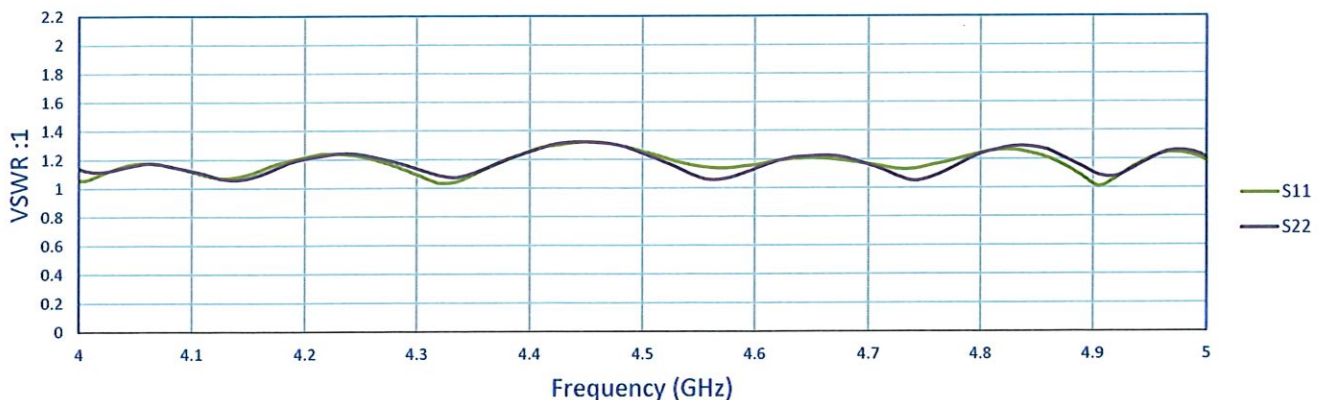
4 - 5 GHz Filter



4 - 5 GHz Filter Ripple

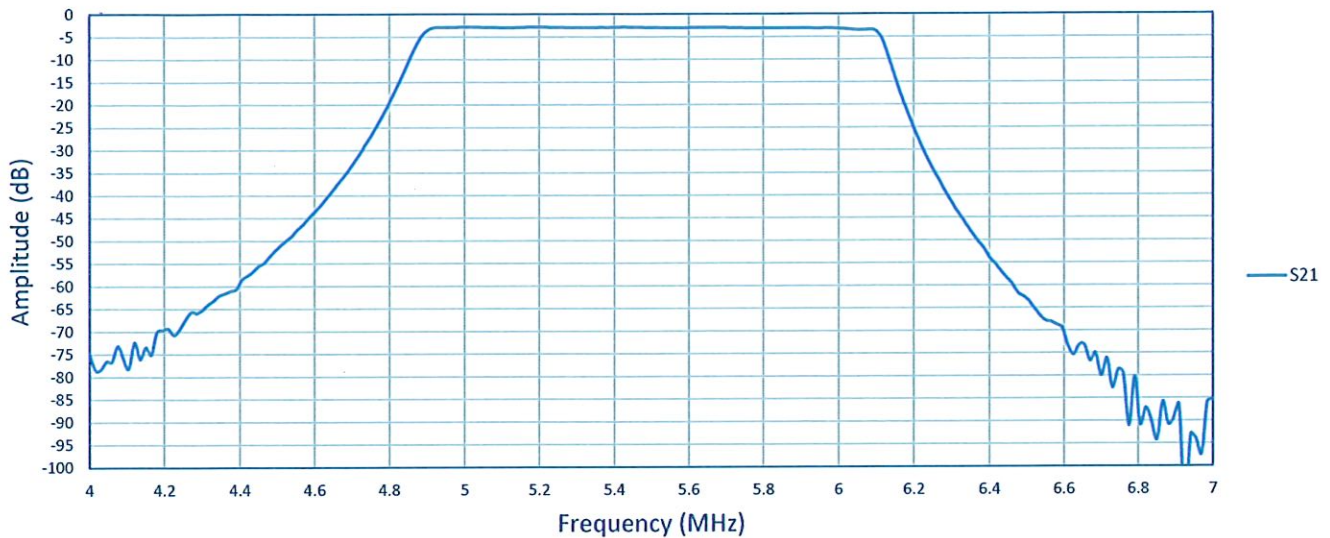


VSWR 4 - 5 GHz Filter

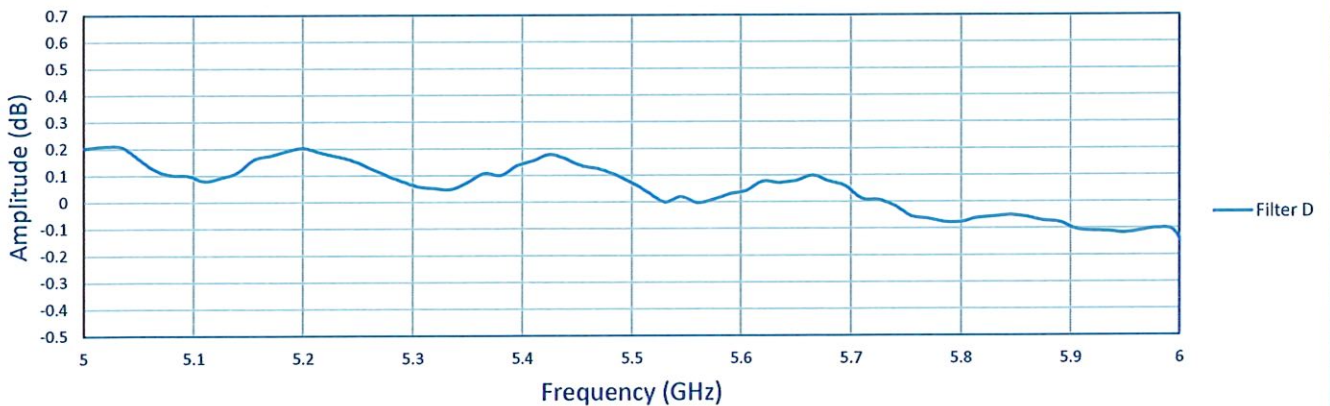


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5 - 6 GHz Filter



5 - 6 GHz Filter Ripple



VSWR 5 - 6 GHz Filter

