Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON 8SFB-2G18G-SFF

Customer: [redacted]
SO No: [redacted]
Model No: 8SFB-2G1 8G-SFF
Serial No: PL39329/2303

Tested By: Y Li
Temperature: 25°C
Date: 1/20/2023
Drawing No: 27645340 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA2
2	Insertion Loss	8dB Typ, 10 dB Max	Channel 1: 4 dB Channel 2: 4 dB Channel 3: 4.2 dB Channel 4: 4.6 dB Channel 5: 4.6 dB Channel 6: 5 dB Channel 7: 5.8 dB Channel 8: 6.5 dB	
3	VSWR: In/Out	2:1 Max.	Channel 1: 1.5:1 Channel 2: 1.7:1 Channel 3: 1.4:1 Channel 4: 1.6:1 Channel 5: 1.6:1 Channel 6: 1.5:1 Channel 7: 1.4:1 Channel 8: 1.6:1	
4	Pass Band Ripple	±0.5 dB Typ., ±1.0 dB Max.	Channel 1: ± 0.7 dB Channel 2: ± 0.4 dB Channel 3: ± 0.4 dB Channel 4: ± 0.3 dB Channel 5: ± 0.2 dB Channel 6: ± 0.3 dB Channel 7: ± 0.5 dB Channel 8: ± 0.4 dB	
5	Rejection	60 dB At Channel Frequencies: 1: 4.6-13.75 GHz 2: 3.25 GHz, 7.25 GHz 3: 3.75 GHz, 9.25 GHz 4: 6.75 GHz, 11.25 GHz 5: 8.75 GHz, 13.25 GHz 6: 10.75 GHz, 15.25 GHz 7: 12.75 GHz, 17.25 GHz 8: 14.75 GHz, 19.25 GHz	Channel 1: 69.7 dB Channel 2: 80.4, 91 dB Channel 3: 91.4, 89.2 dB Channel 4: 85.3, 79.5 dB Channel 5: 82.2, 87.5 dB Channel 6: 82.8, 76.5 dB Channel 7: 86.9, 81.2 dB Channel 8: 65.2, 78.7 dB	
6	Switching Speed	200 ns Max.	Pass See Typical Characteristics	
7	Input Power	15 dBm Max.	Pass See Typical Characteristics	
8	DC Supply	+12VDC @ 500 mA -12VDC @ 100 mA	+ VDC @ 495 mA - VDC @ 49 mA	PMI QA2

QA/QC Approval: PMI QA2 Date: 1/23/2023

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

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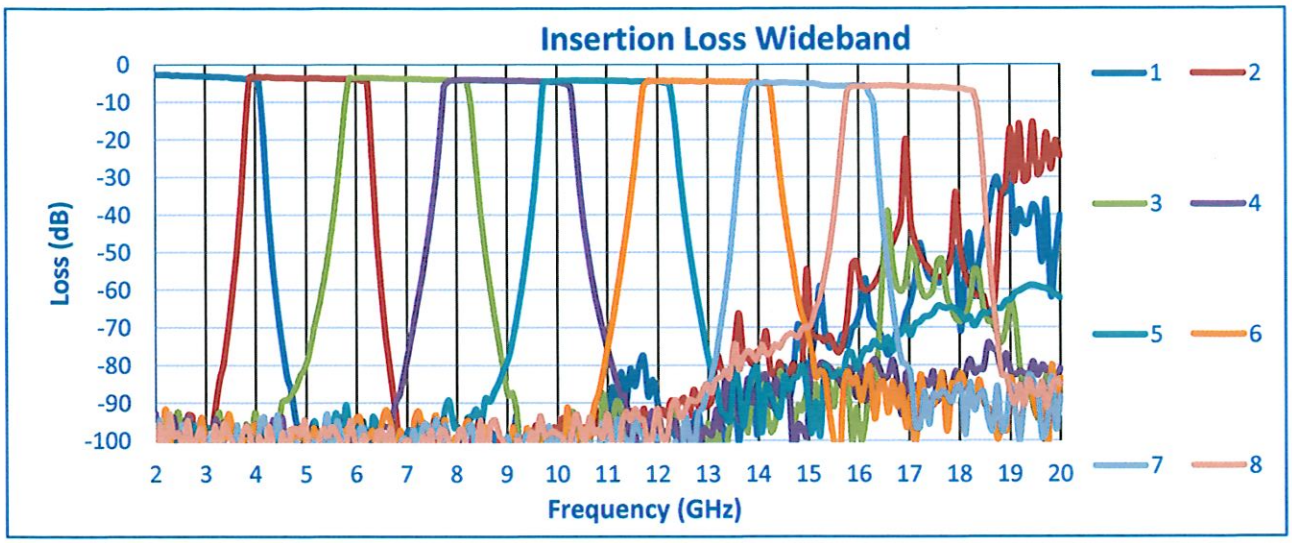

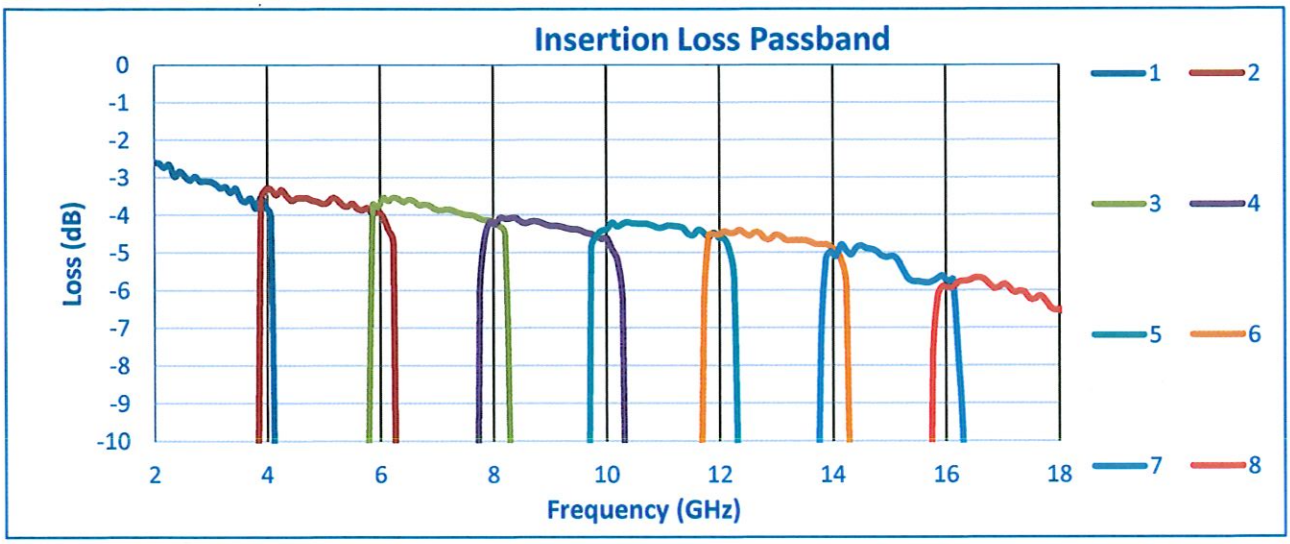

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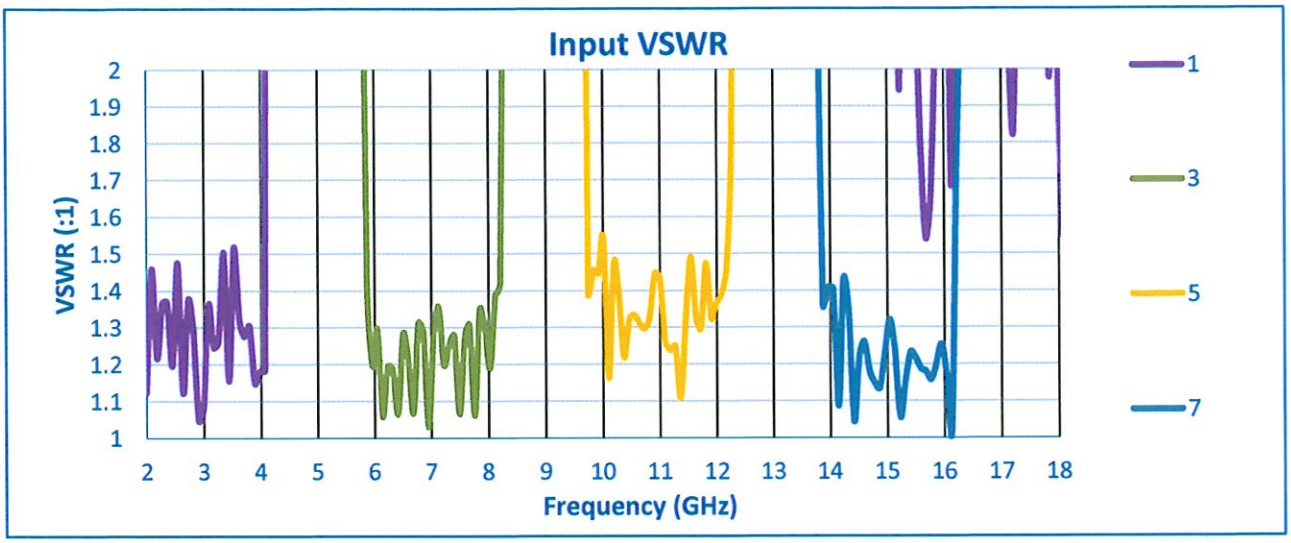

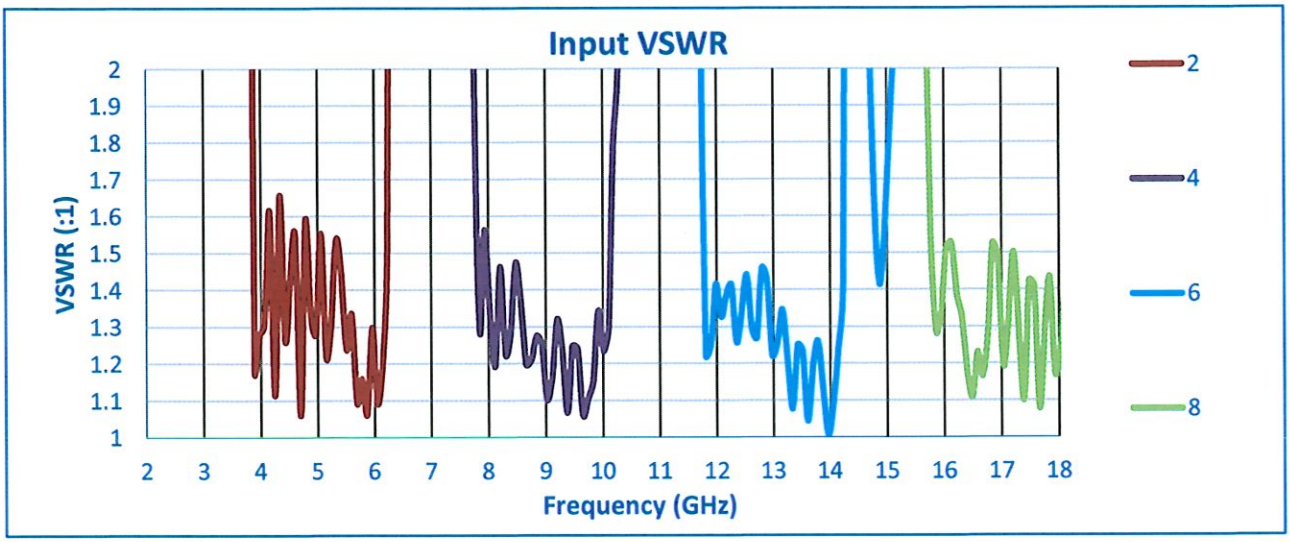

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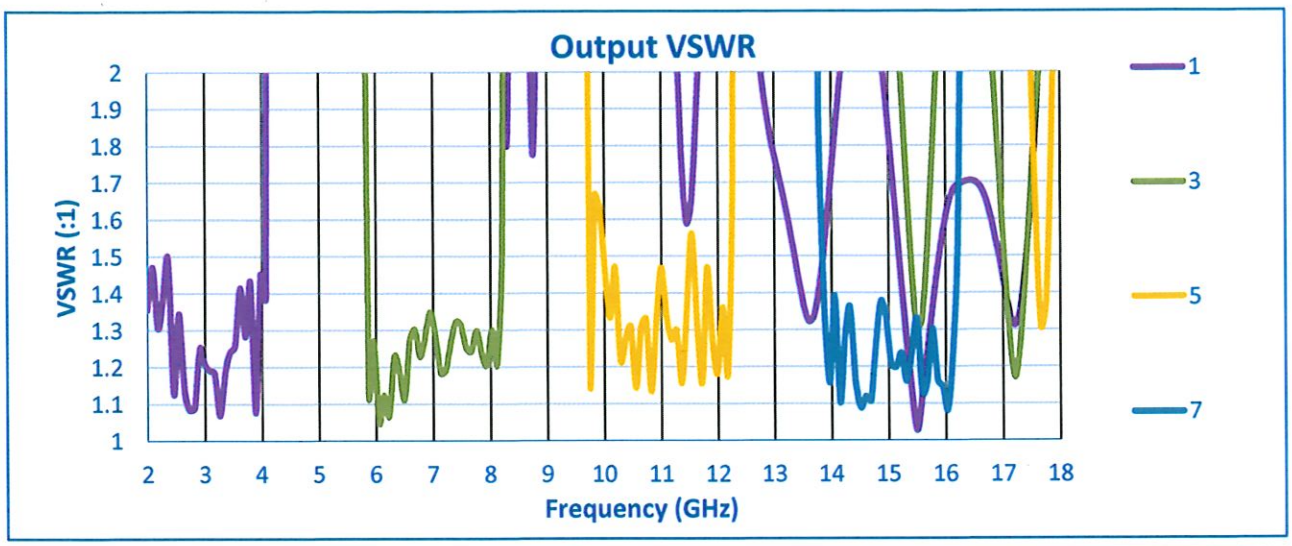

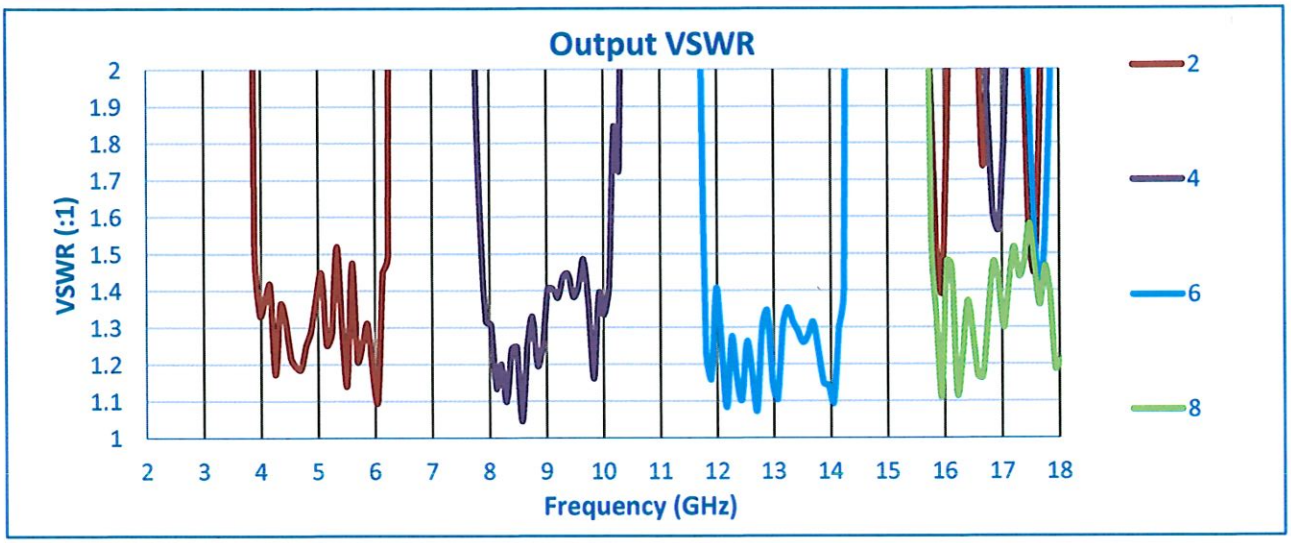

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