



# SUMMARY TEST DATA ON PMC-9D5G10D5G-7D6-SFF

PL35272/2201

Customer: \_\_\_\_\_ Tested By: John R.  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: PMC-9D5G10D5G-7D6-SFF Date: 1/4/2022  
Serial No: PL35272/2201 Drawing No: 27641580 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	9.5 GHz to 10.5GHz	9.5 Ghz to 10.5 GHz	PMI QA 2
2	Insertion Loss	7.6 dB Max	7.28 dB	
3	Amplitude Balance	±0.5 dB Max	.46 dB	
4	Phase Balance	±5° Max	4.2 °	
5	Isolation	20 dB Min	24.6 dB	
6	VSWR	1.5:1 Max	1.29:1	
7	Power Handling	Average: 10 WATT Max (Port A, B, C & D) Peak: 0.1 kW Max	10 W	

QA/QC Approval:  \_\_\_\_\_ PMI QA 2 Date: 1/5/2022

7311-F Grove Road, Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



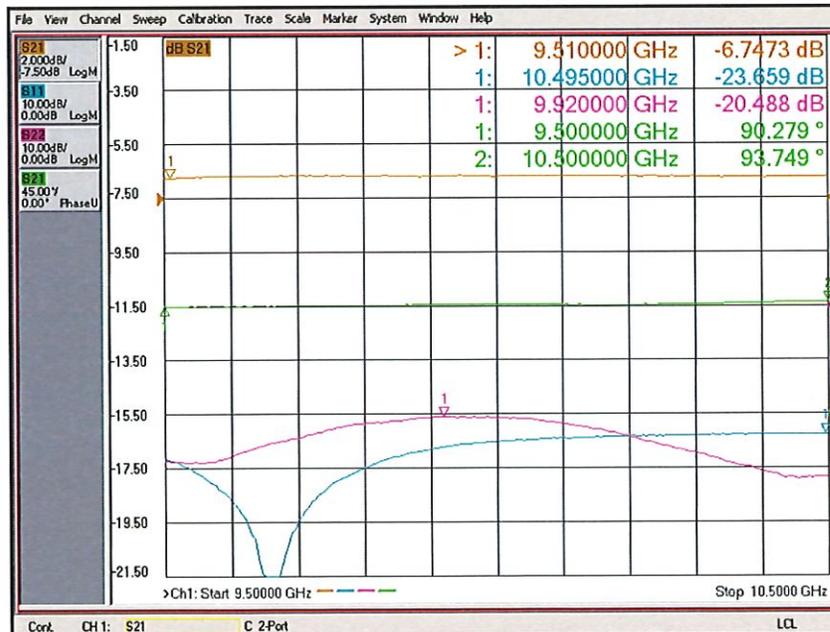
# SUMMARY TEST DATA ON PMC-9D5G10D5G-7D6-SFF

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## Port D to Port ELΔ VSWR, Insertion Loss, Phase Balance & Amplitude



## Port D to Port AZΣ VSWR, Insertion Loss, Phase Balance & Amplitude



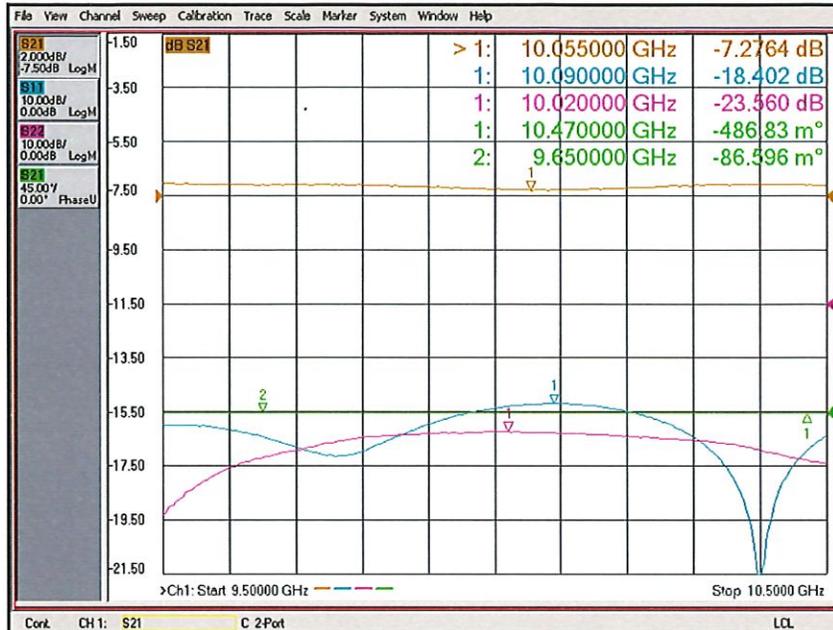
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# SUMMARY TEST DATA ON PMC-9D5G10D5G-7D6-SFF

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## Port D to Port ΔQ VSWR, Insertion Loss, Phase Balance & Amplitude



## Port D to Port AZA VSWR, Insertion Loss, Phase Balance & Amplitude



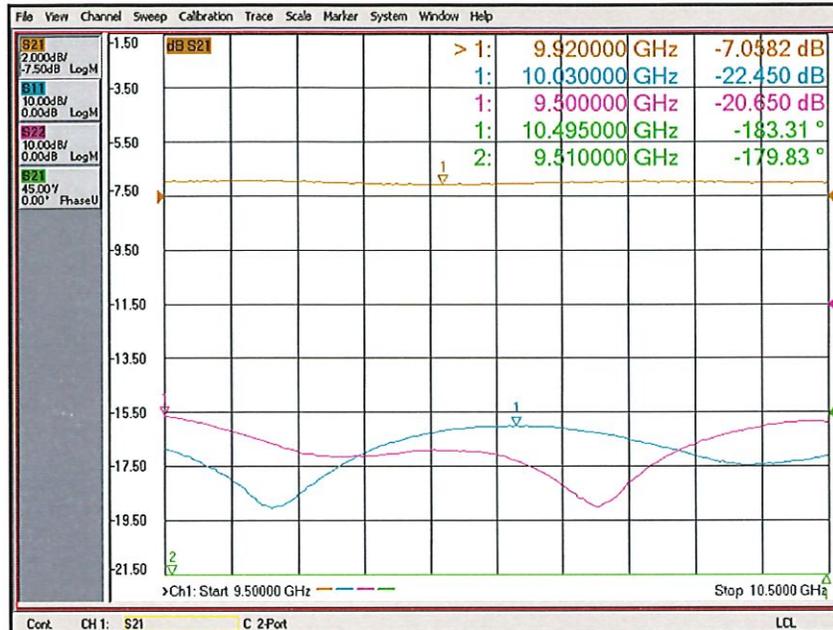
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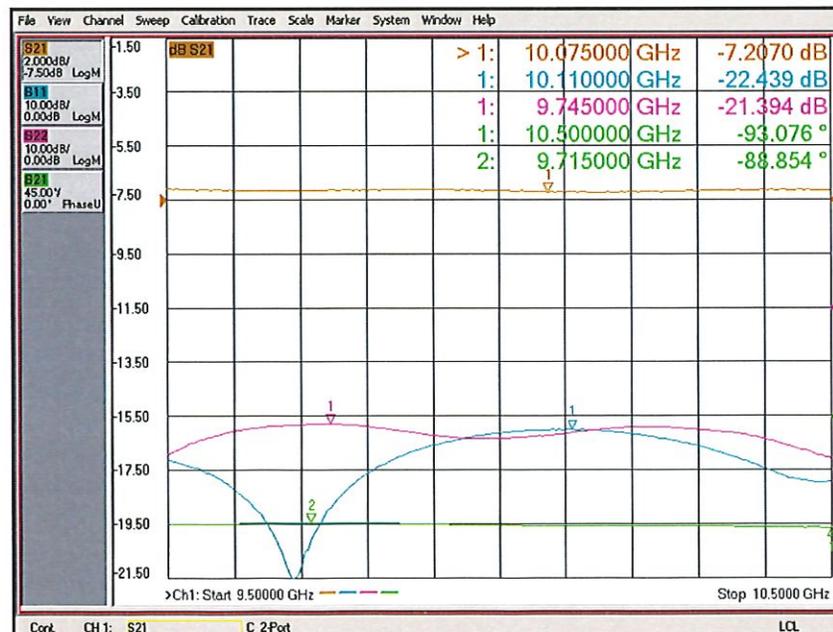
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### Port A to Port EL Δ VSWR, Insertion Loss, Phase Balance & Amplitude



### Port A to Port AZ Σ VSWR, Insertion Loss, Phase Balance & Amplitude



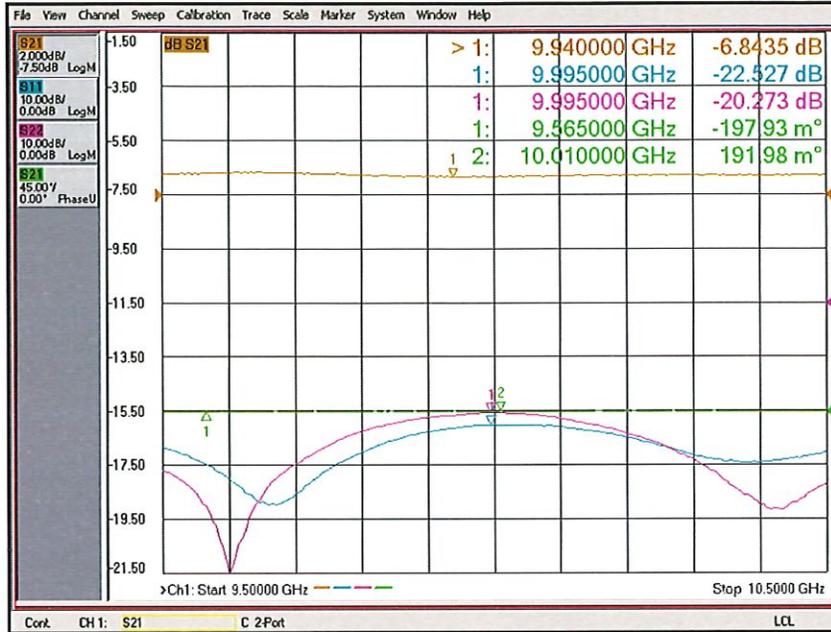
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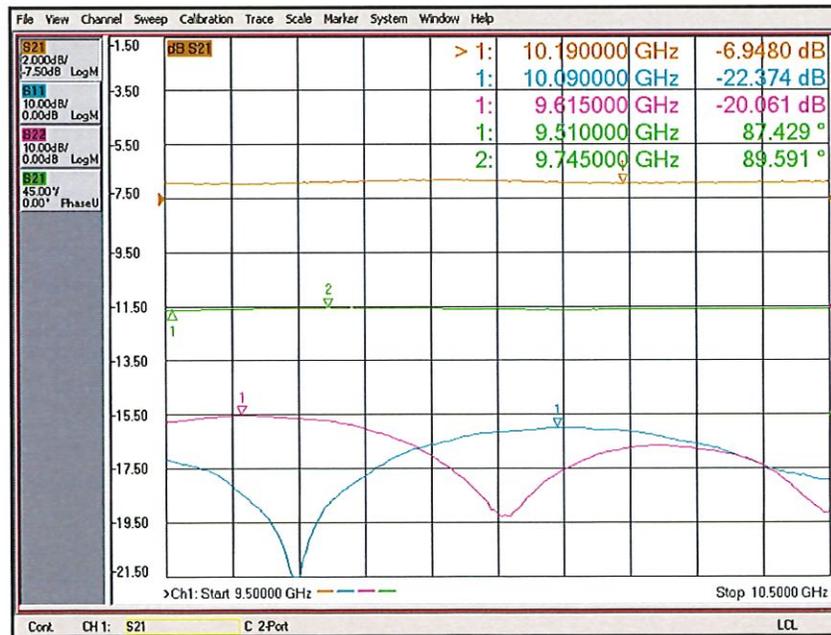
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## Port A to Port $\Delta Q$ VSWR, Insertion Loss, Phase Balance & Amplitude



## Port A to Port AZA Q VSWR, Insertion Loss, Phase Balance & Amplitude



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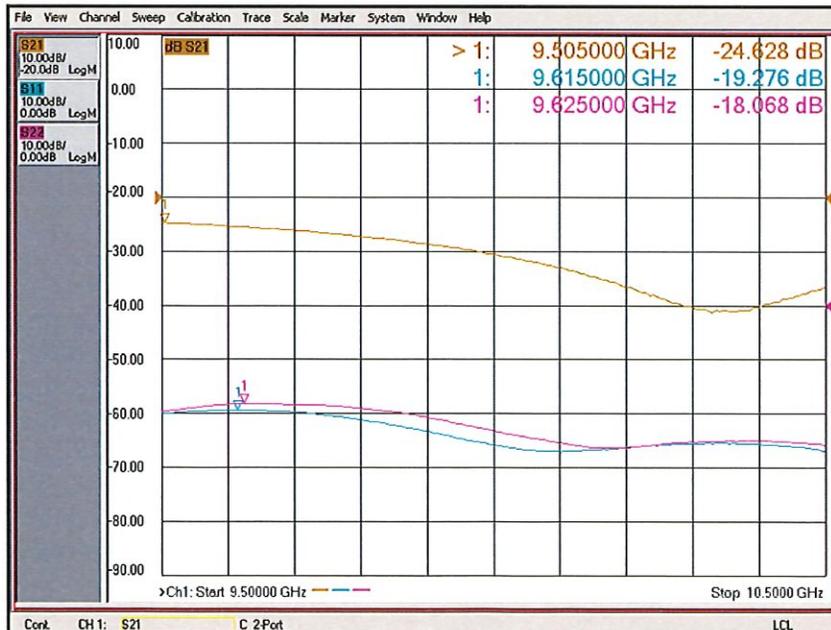
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## Port D to Port A Isolation



## Port C to Port B Isolation



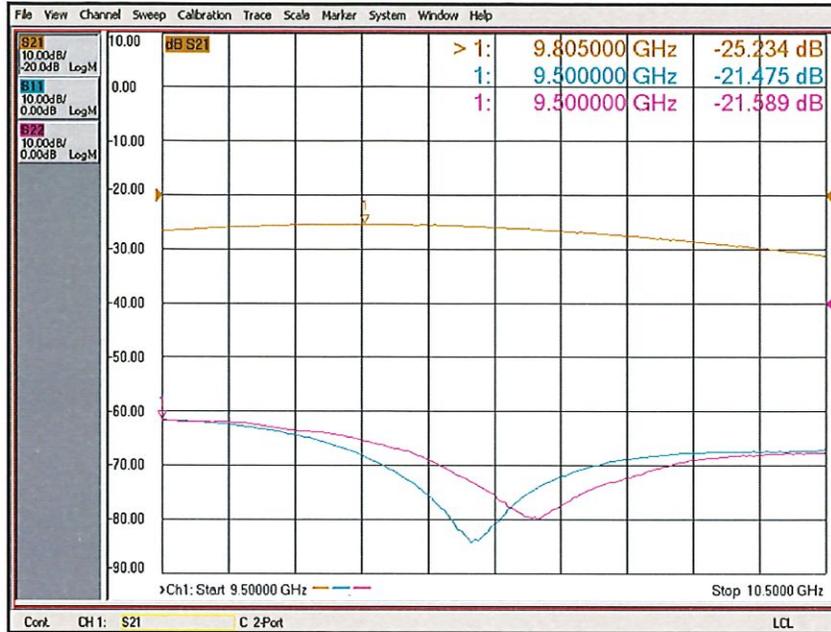
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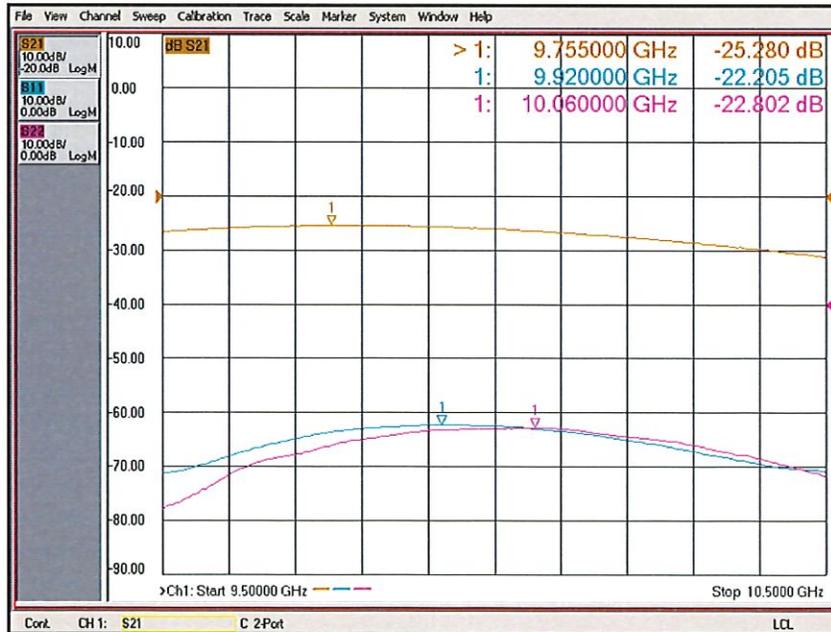
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## Port ELΔ to Port AZΔ Isolation



## Port ΔQ to Port AZΣ Isolation



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