



## SUMMARY TEST DATA ON PMC-9G10G-7D9-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PMC-9G10G-7D9-SFF  
 Serial No: PL52279/2515

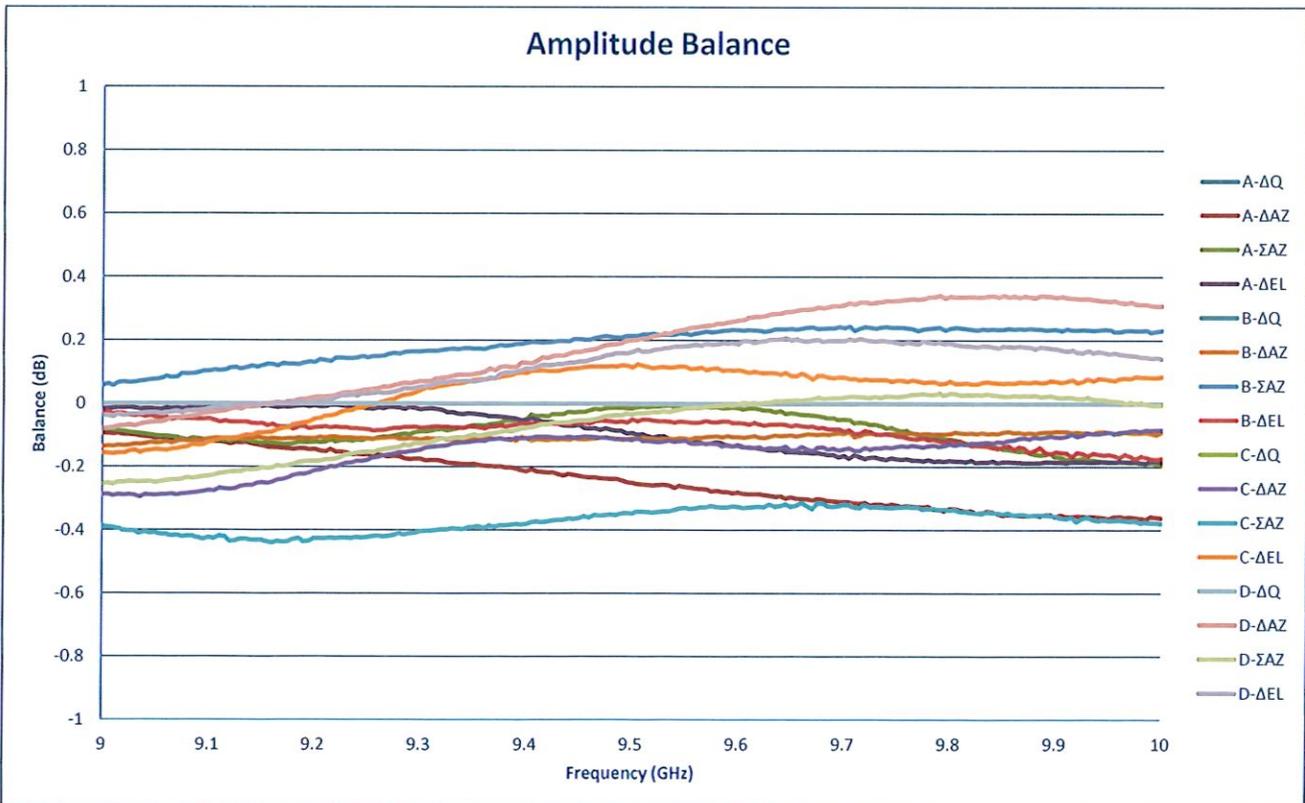
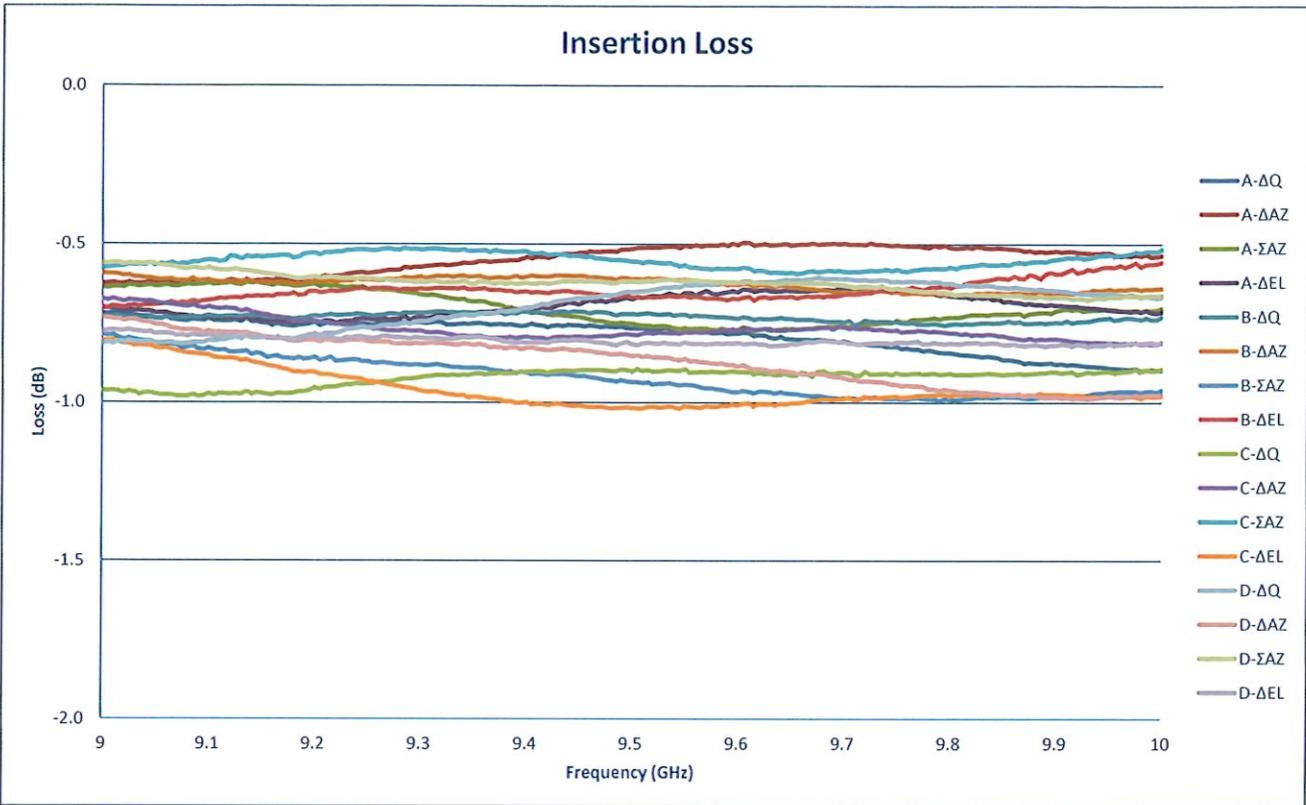
Tested By: E. Kretz  
 Temperature: +25°C  
 Date: 4/9/2025  
 Drawing No: 27635520      REV: A1

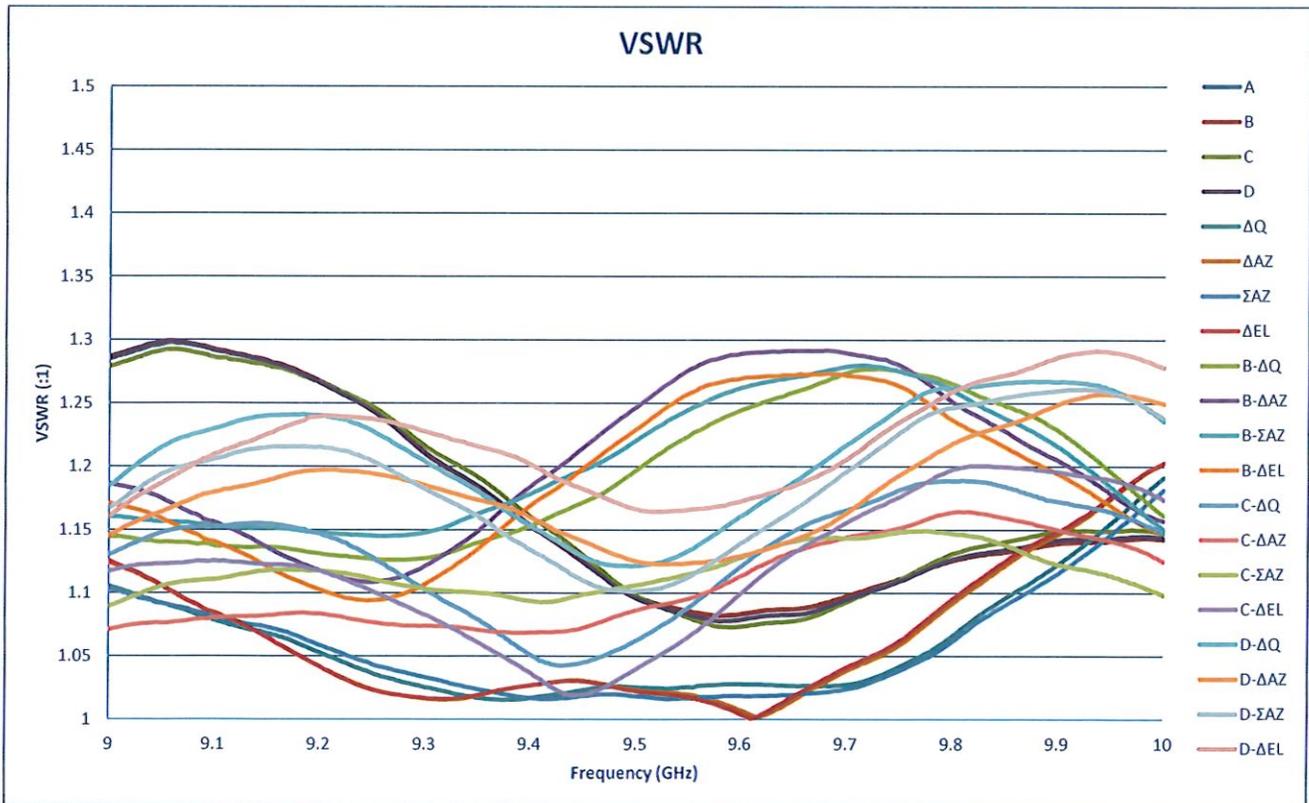
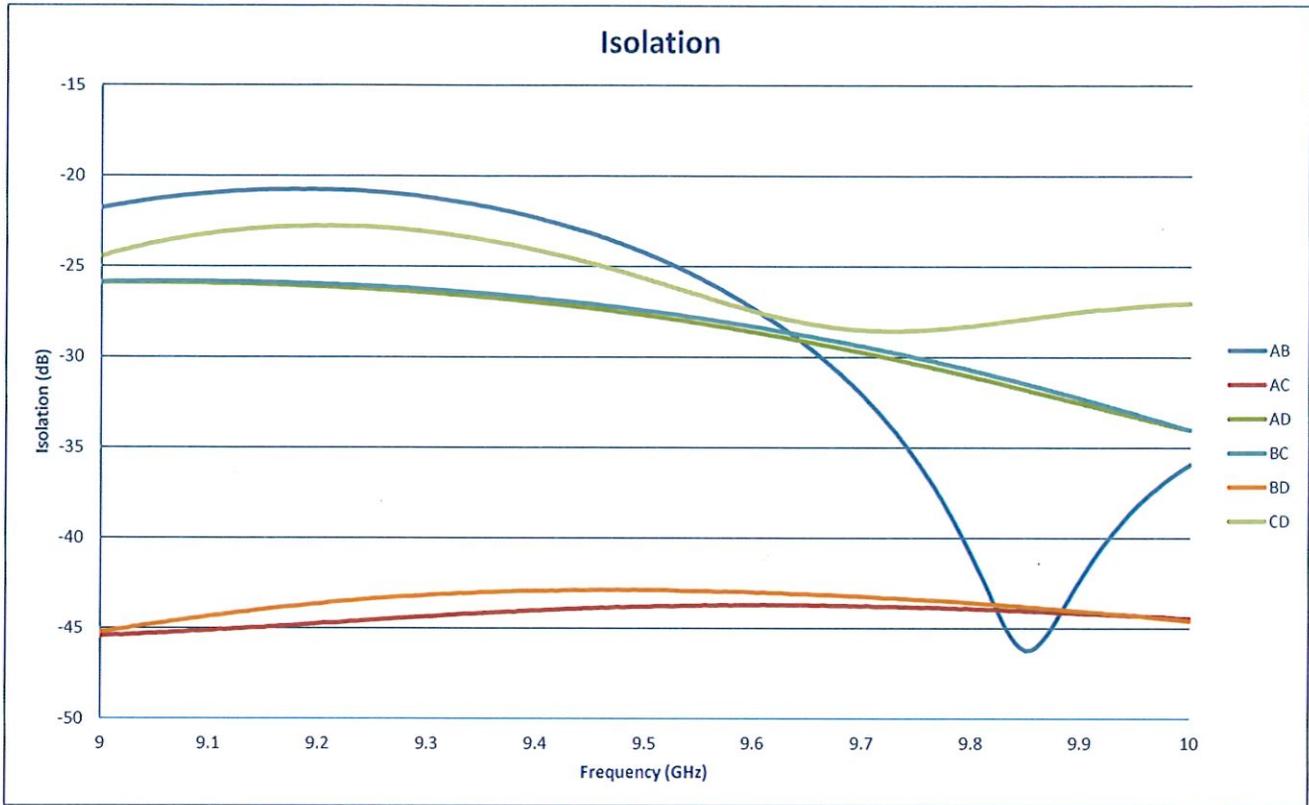
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	9.0 GHz to 10.0 GHz	9.0 GHz to 10.0 GHz	PMI QA/QC       PMI QA/QC
2	Insertion Loss:	1.9 dB Max. (If input signals at ports A, B, C and D are equal Amplitude or Power & Inphase with an output at Port ΣAZ)	1.02 dB See Graph	
3	Insertion Loss:	7.9 dB Max (If input signals at port A, B, C or D and all other ports are terminated to 50 Ohms with an output at ports ΣAZ, ΔEL, ΔAZ, or ΔQ)	7.04 dB See Graph	
4	Amplitude Balance:	±0.6 dB Max.	+0.34 dB -0.44 dB See Graph	
5	Phase Balance:	±6° Max.	±3.85°	
6	Isolation:	18 dB Min.	21 dB	
7	VSWR:	1.6:1 Max.	1.3:1 See Graph	
8	Power Handling:	Average: 10 W Max. (Port A, B, C, & D) Peak: 0.1 kW Max.	See Typical Characteristics	

QA/QC Approval: *Cameron Kelly*

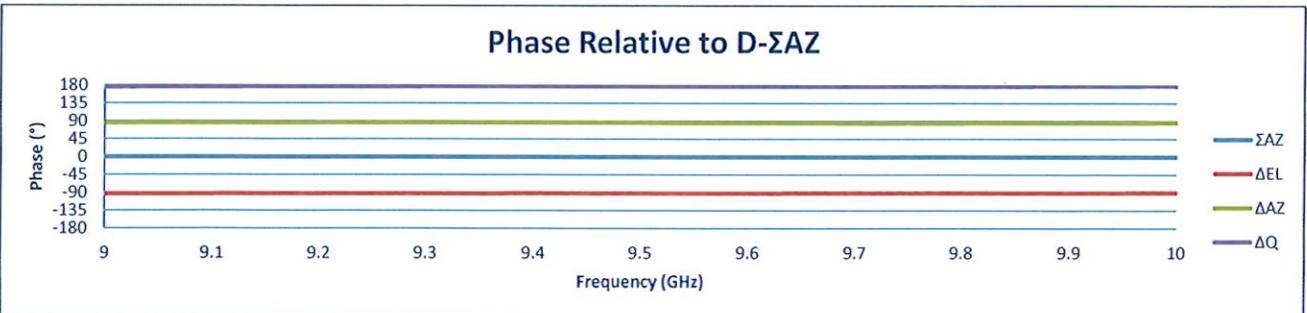
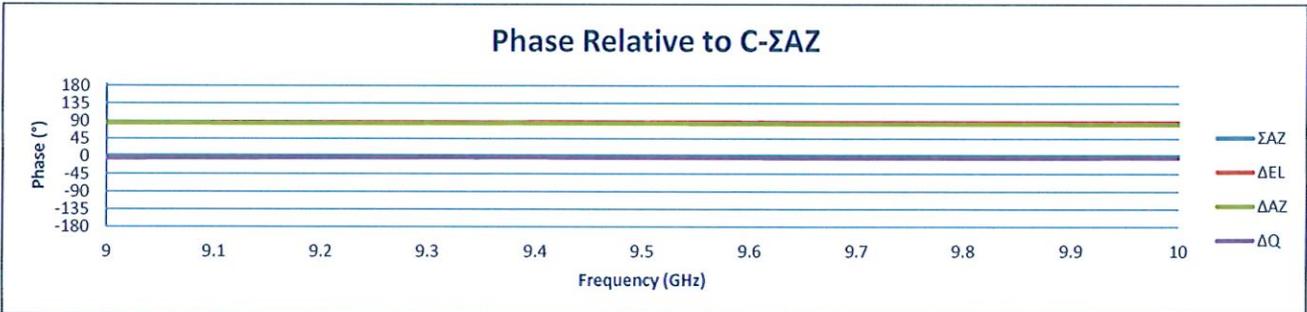
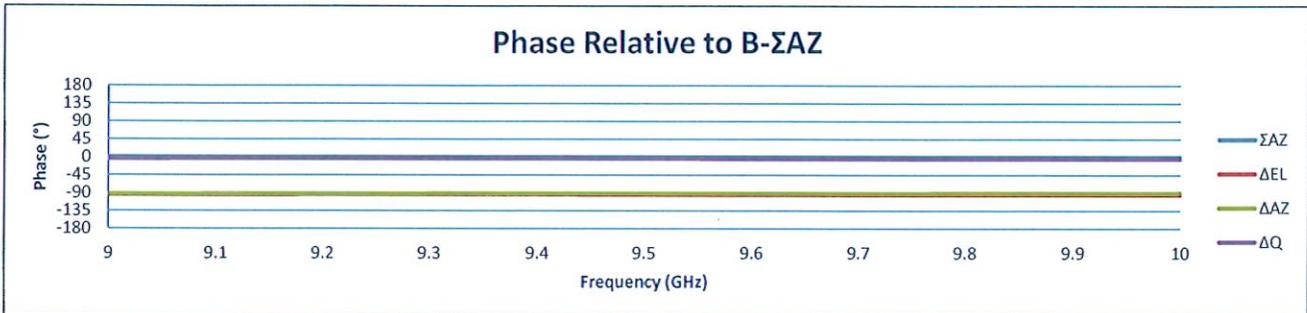
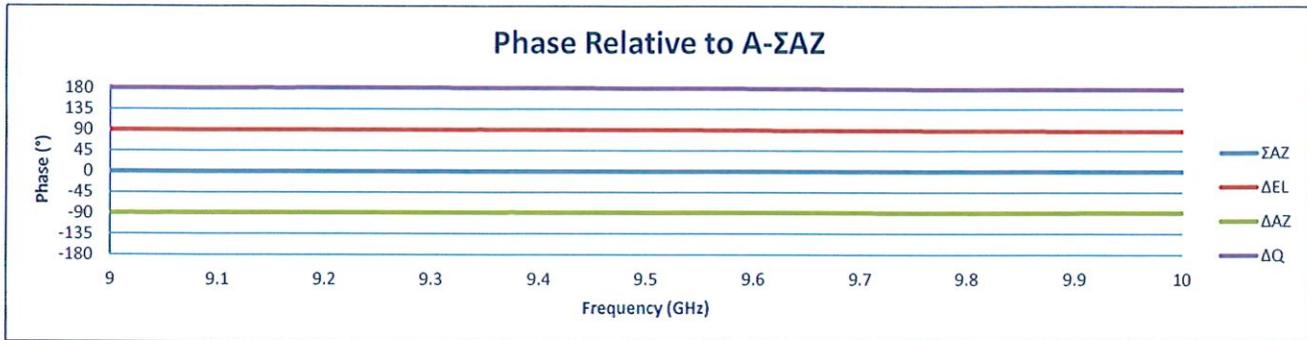
Date: 4/9/25

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





**SUMMARY TEST DATA  
ON  
PMC-9G10G-7D9-SFF**



Phase Data Relative to ΣAZ	A	B	C	D	ΣAZ	ΔEL	ΔQ	ΔAZ	
	A	-	Isolation	Isolation	Isolation	0°	89°	179°	-89°
	B	Isolation	-	Isolation	Isolation	0°	-94°	-3°	-92°
	C	Isolation	Isolation	-	Isolation	0°	86°	-3°	84°
	D	Isolation	Isolation	Isolation	-	0°	-92°	177°	86°
	ΣAZ	0°	0°	0°	0°	-	Isolation	Isolation	Isolation
	ΔEL	89°	-94°	86°	-92°	Isolation	-	Isolation	Isolation
	ΔQ	179°	-3°	-3°	177°	Isolation	Isolation	-	Isolation
	ΔAZ	-89°	-92°	84°	86°	Isolation	Isolation	Isolation	-