



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PMC-9G10G-7D9-SFF  
 Serial No: PL52281/2515

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

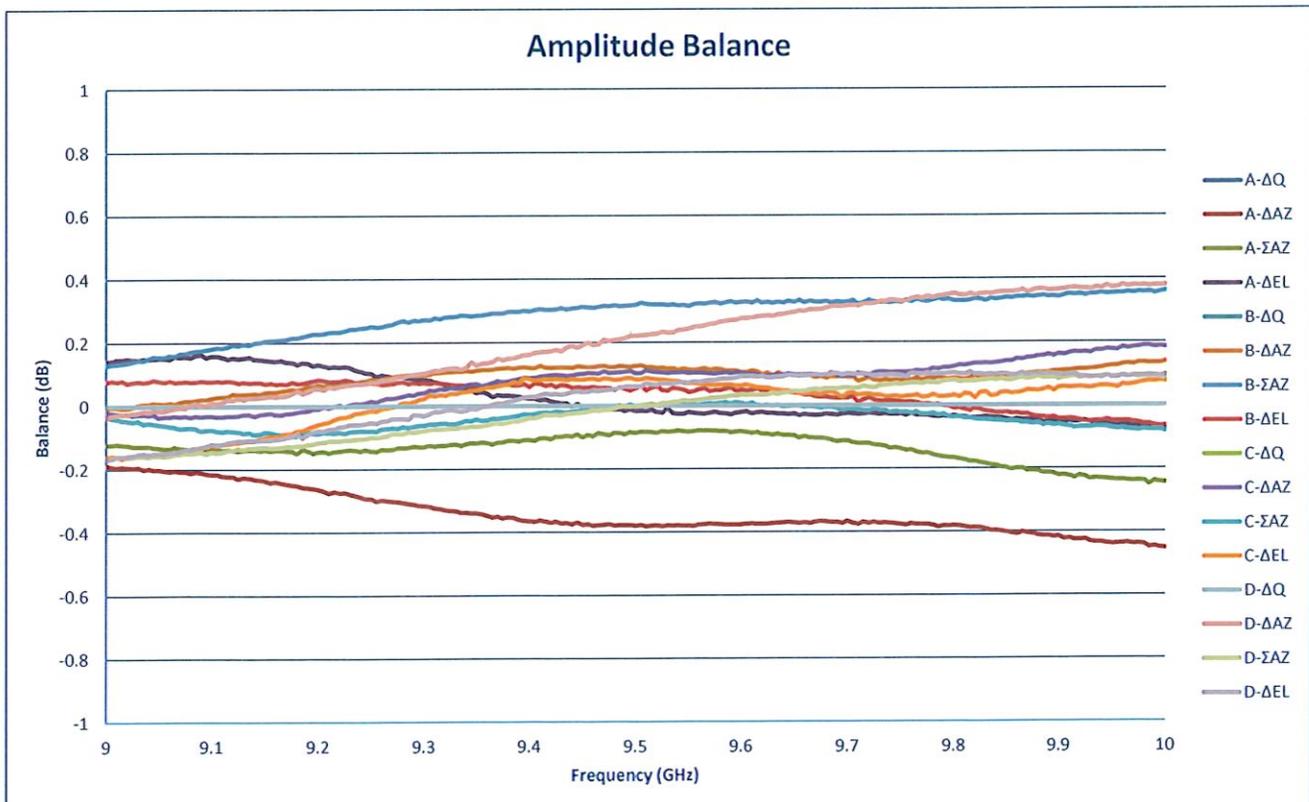
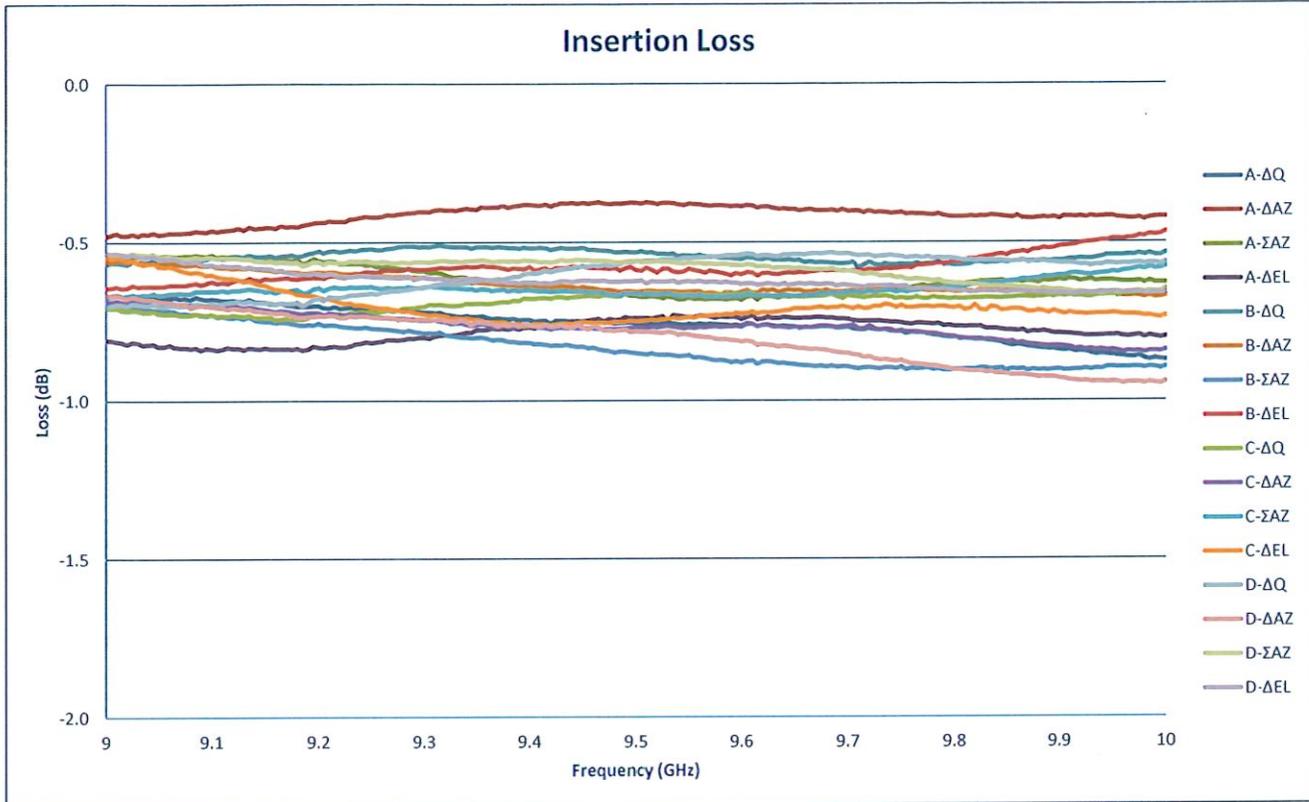
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	9.0 GHz to 10.0 GHz	9.0 GHz to 10.0 GHz	PMI QA
2	Insertion Loss:	1.9 dB Max. (If input signals at ports A, B, C and D are equal Amplitude or Power & Inphase with an output at Port ΣAZ)	0.95 dB See Graph	
3	Insertion Loss:	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)	6.97 dB See Graph	
4	Amplitude Balance:	±0.6 dB Max.	+0.38 dB -0.45 dB See Graph	
5	Phase Balance:	±6° Max.	±5.82°	
6	Isolation:	18 dB Min.	23 dB	
7	VSWR:	1.6:1 Max.	1.31:1 See Graph	
8	Power Handling:	Average: 10 W Max. (Port A, B, C, & D) Peak: 0.1 kW Max.	See Typical Characteristics	PMI QA

QA/QC Approval: *Cameron Kelly*

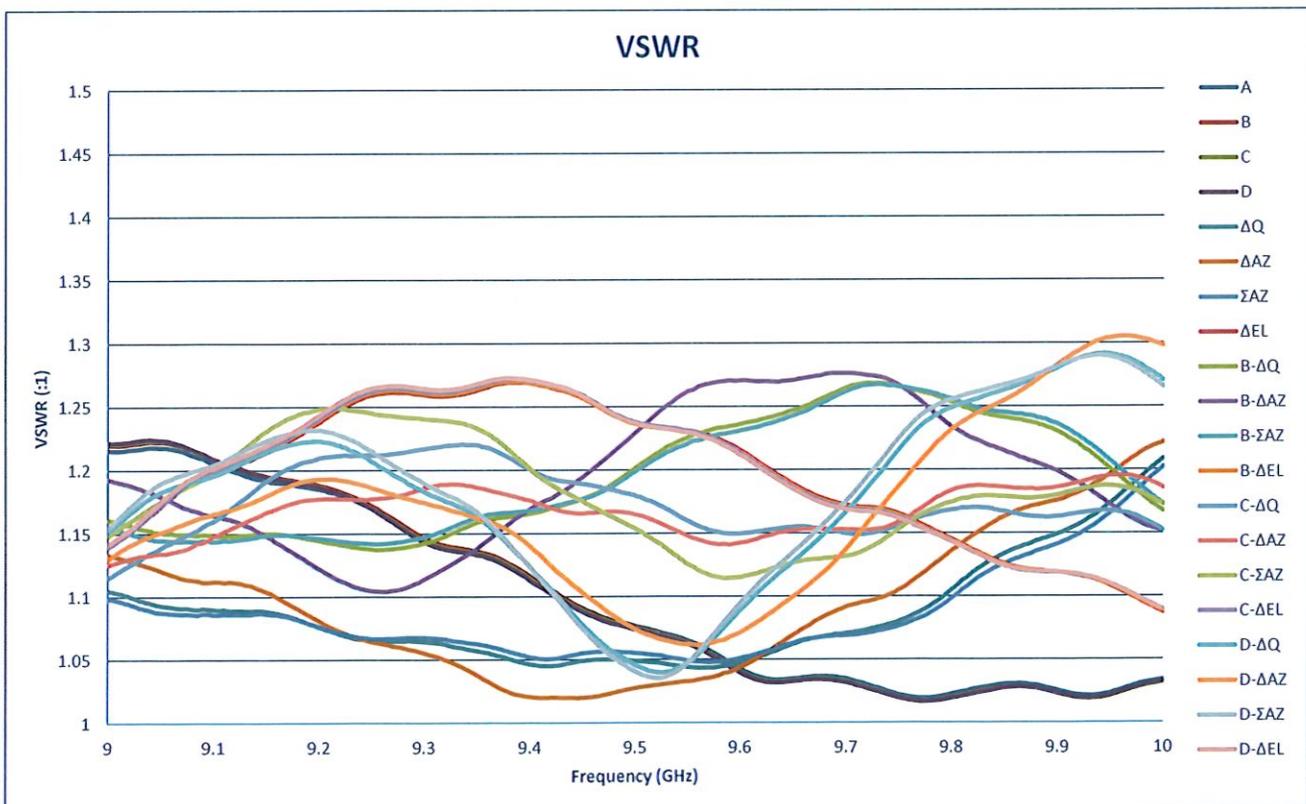
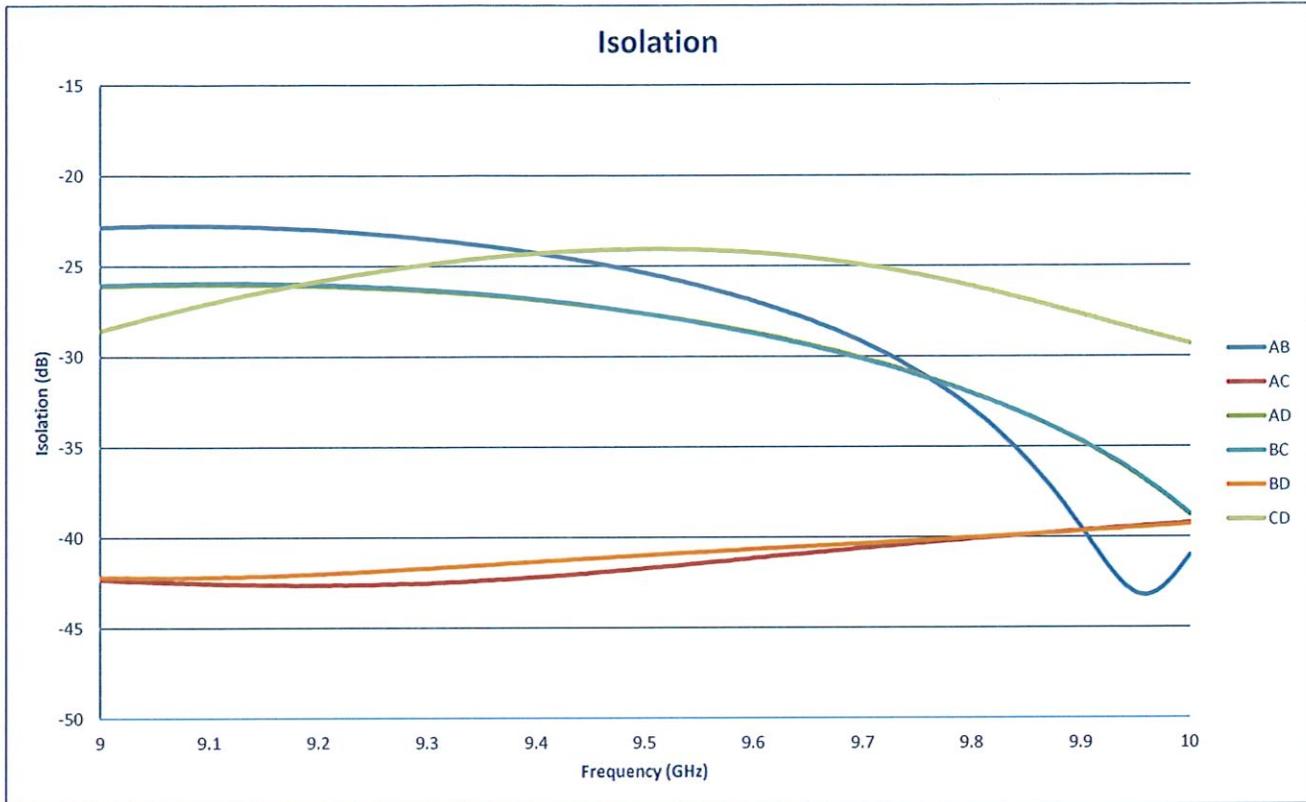
Date: 4/9/25

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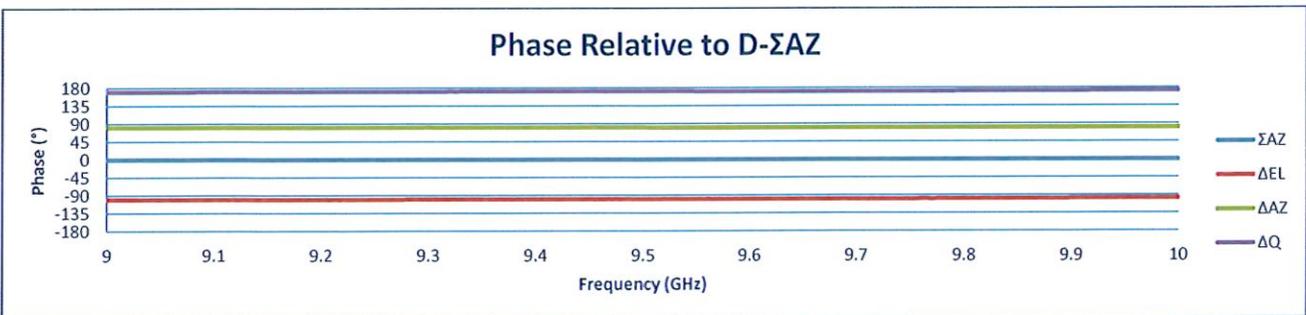
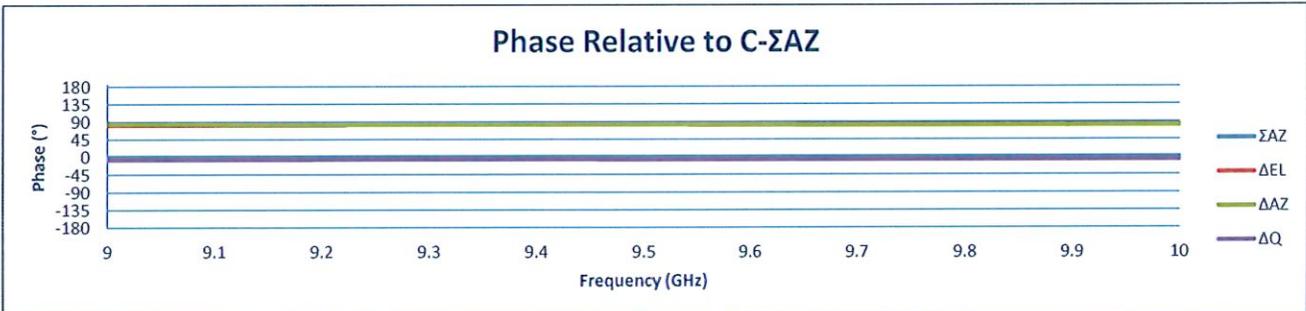
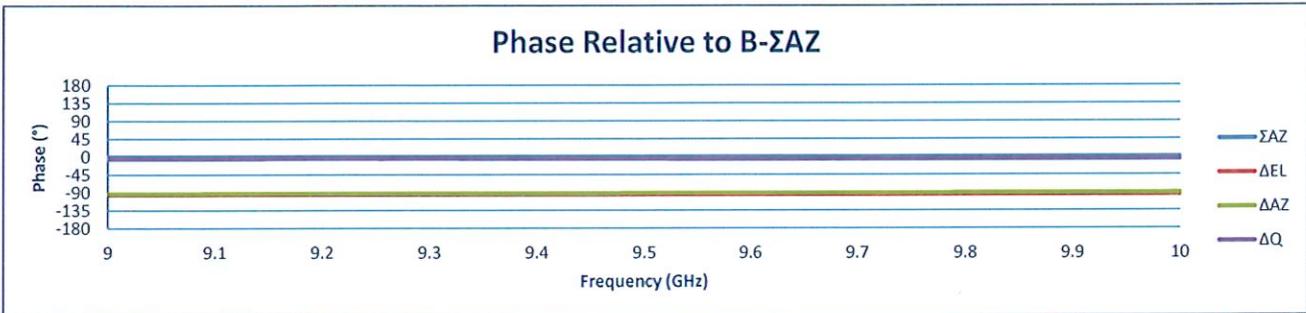
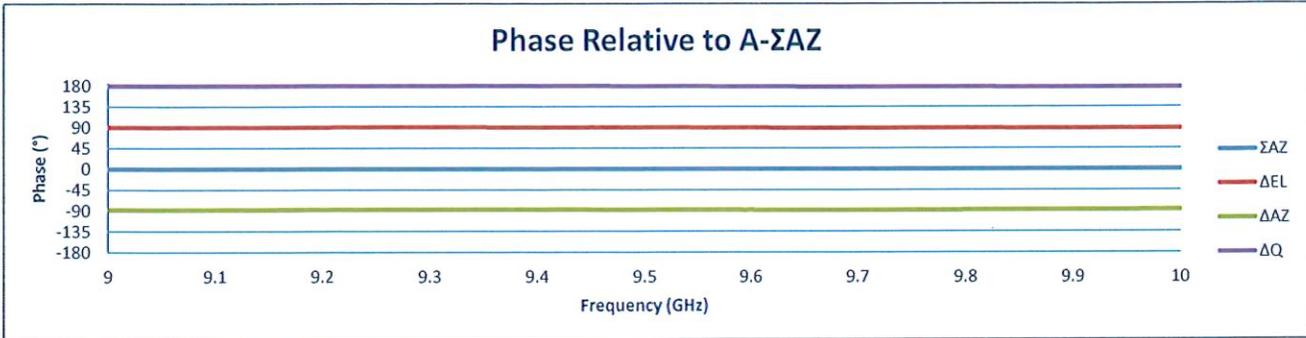
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Phase Data Relative to ΣAZ	A	B	C	D	ΣAZ	ΔEL	ΔQ	ΔAZ	
	A	-	Isolation	Isolation	Isolation	0°	89°	179°	-88°
	B	Isolation	-	Isolation	Isolation	0°	-94°	-5°	-92°
	C	Isolation	Isolation	-	Isolation	0°	83°	-6°	83°
	D	Isolation	Isolation	Isolation	-	0°	-100°	172°	81°
	ΣAZ	0°	0°	0°	0°	-	Isolation	Isolation	Isolation
	ΔEL	89°	-94°	83°	-100°	Isolation	-	Isolation	Isolation
	ΔQ	179°	-5°	-6°	172°	Isolation	Isolation	-	Isolation
ΔAZ	-88°	-92°	83°	81°	Isolation	Isolation	Isolation	-	