



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

Customer: _____
 SO No: _____
 Model No: PMC-9D5G10D5G-7D6-SFF
 Serial No: PL35274/2201

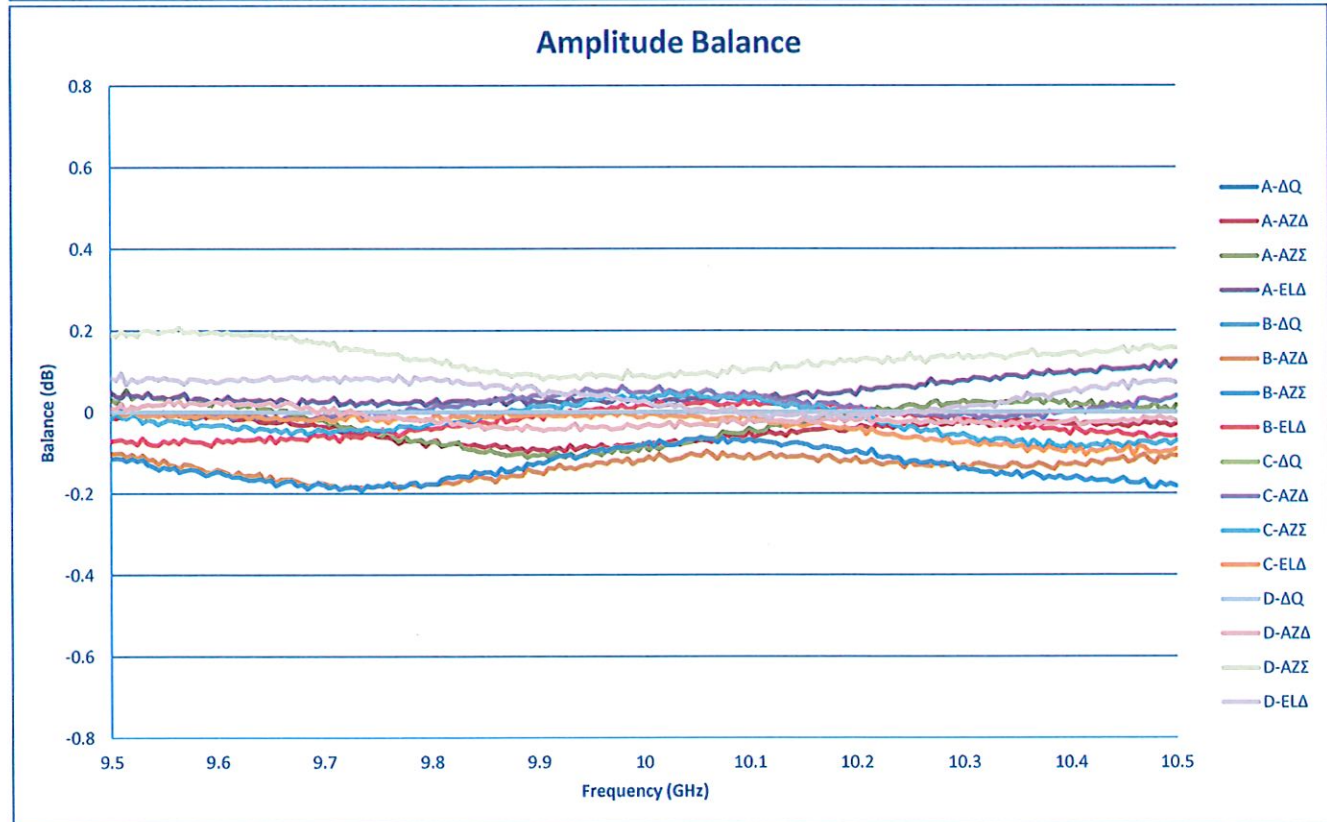
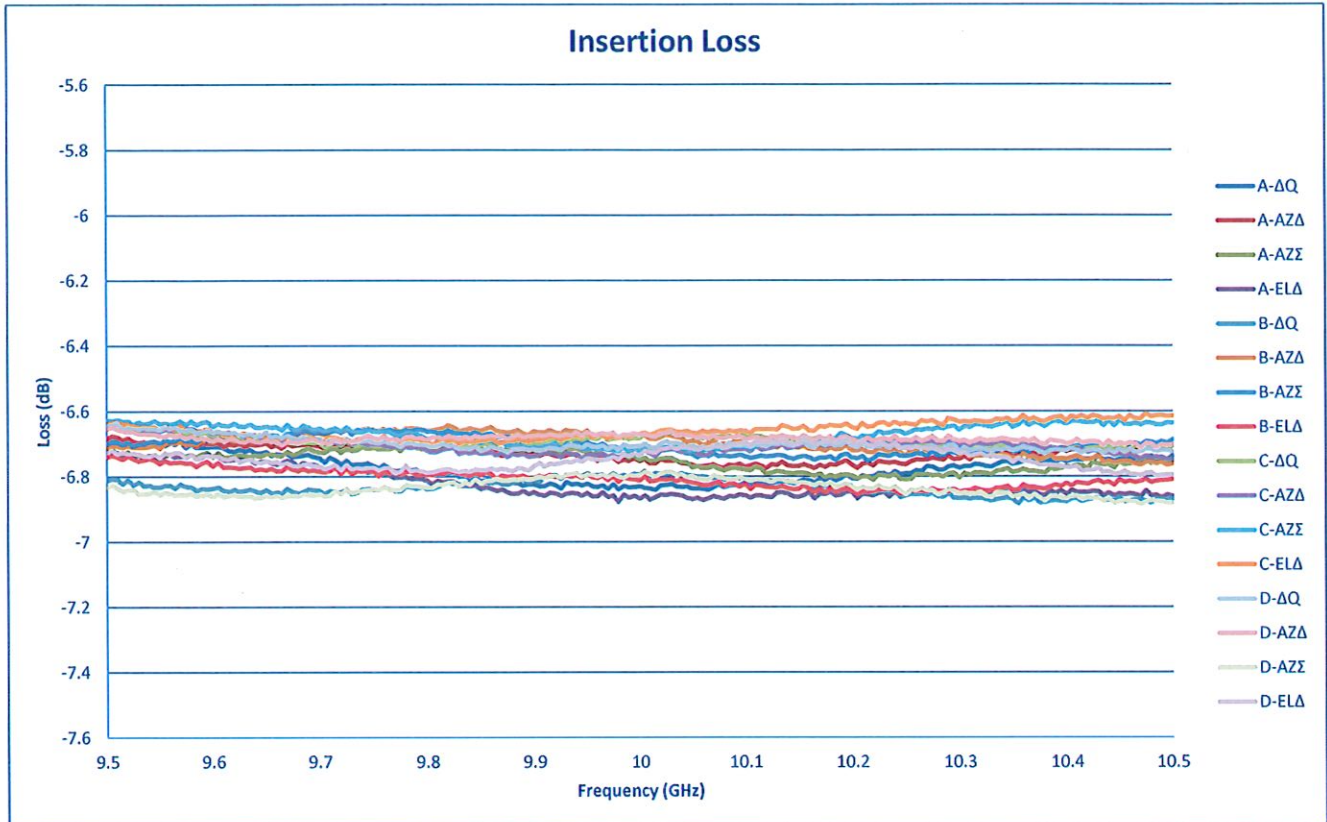
Tested By: E. Kretz
 Temperature: +25°C
 Date: 6/14/2023
 Drawing No: 27642560 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	9.5 GHz to 10.5 GHz	9.5 GHz to 10.5 GHz	PMI QA1
2	Insertion Loss:	7.6 dB Max.	6.88 dB See Graph	PMI QA1
3	Amplitude Balance:	±0.5 dB Max.	+0.21 dB -0.19 dB See Graph	
4	Phase Balance:	±5° Max.	±1.33°	
5	Isolation:	20 dB Min.	26 dB	
6	VSWR:	1.5:1 Max.	1.3:1 See Graph	
7	Power Handling:	Average: 10 Watt Max. (Port A, B, C, & D)	See Typical Characteristics	
8	Impedance:	50 Ω	50 Ω	

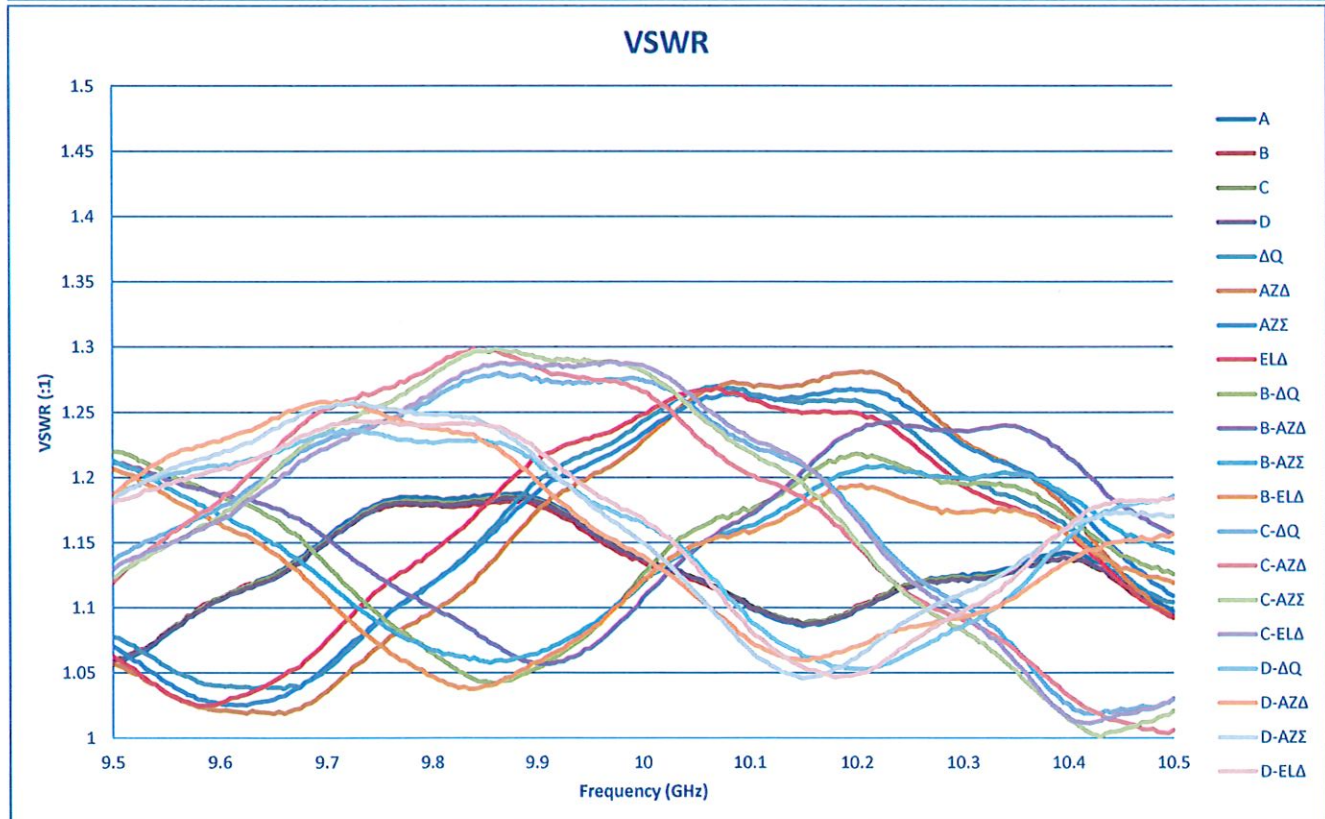
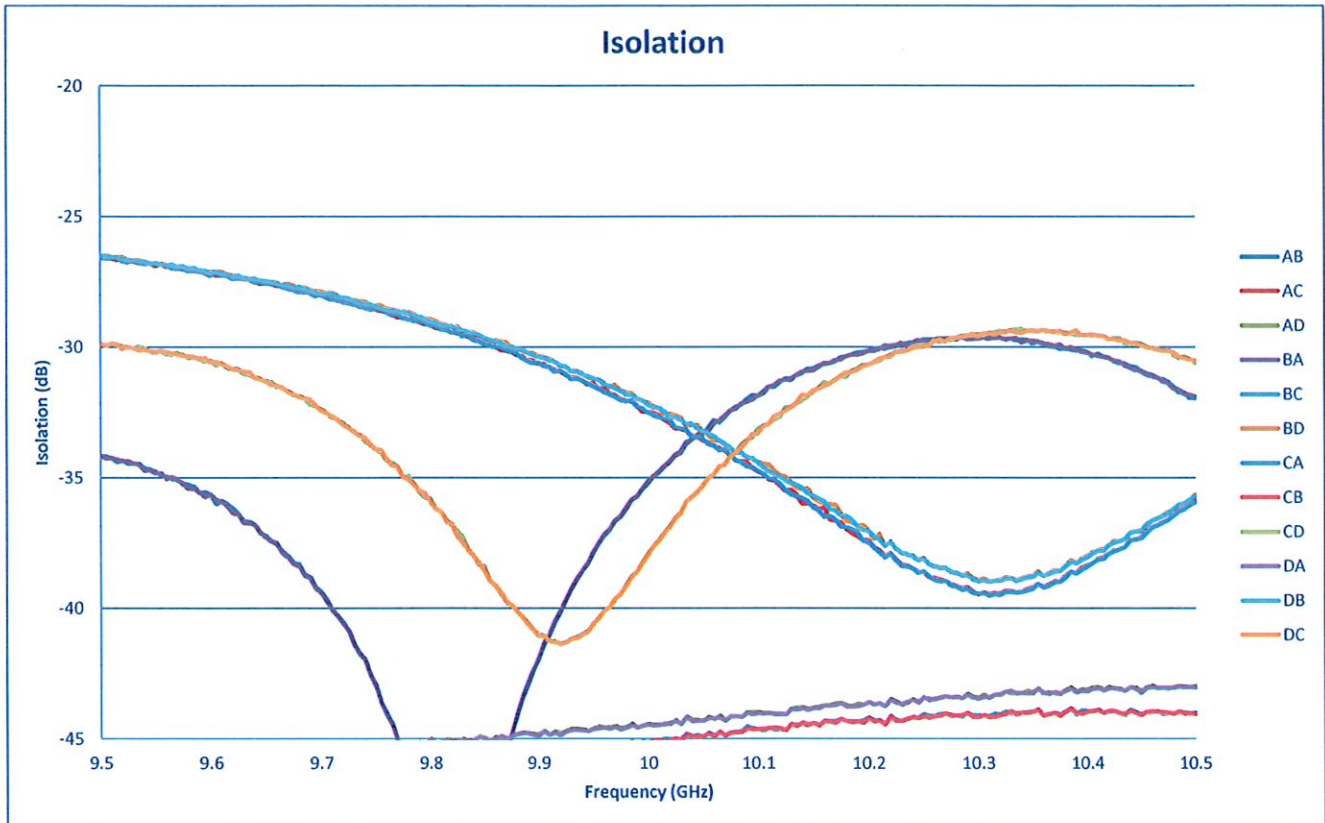
QA/QC Approval:  **PMI QA1** Date: 6/16/23

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

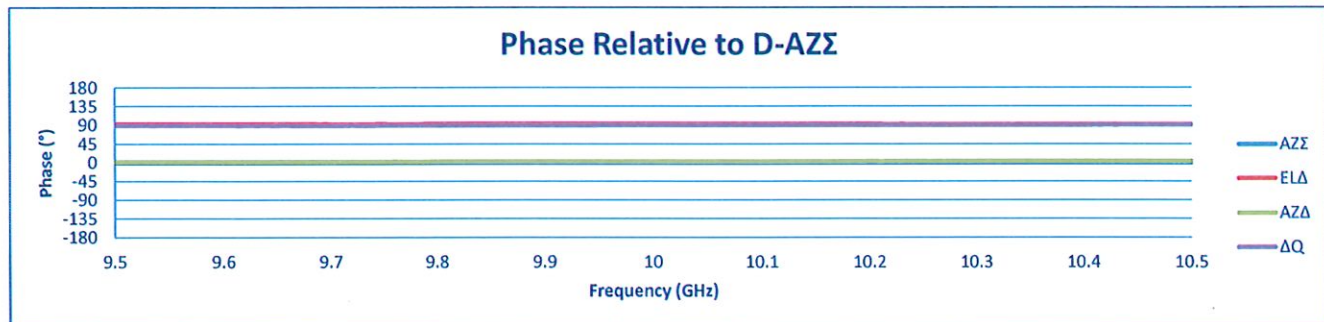
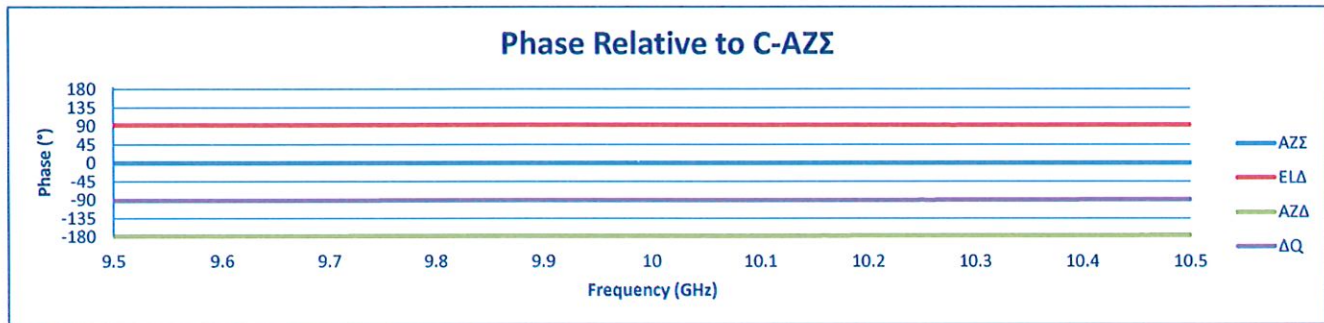
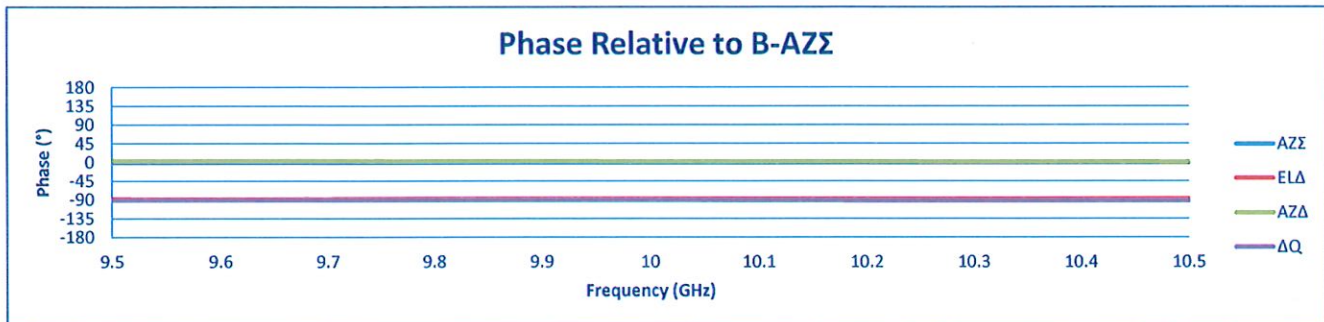
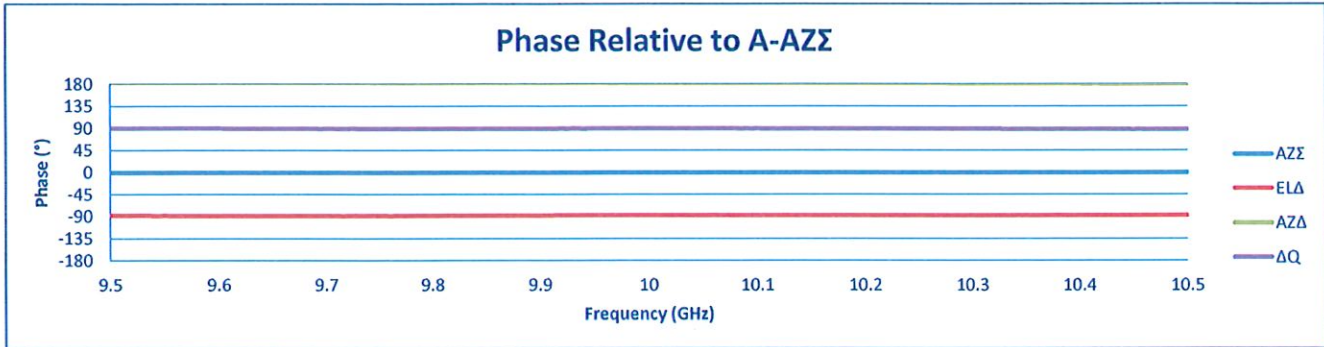
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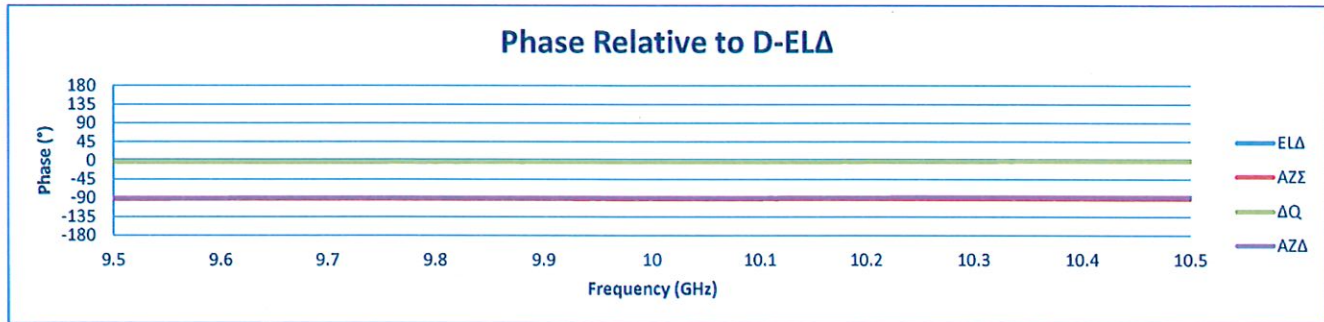
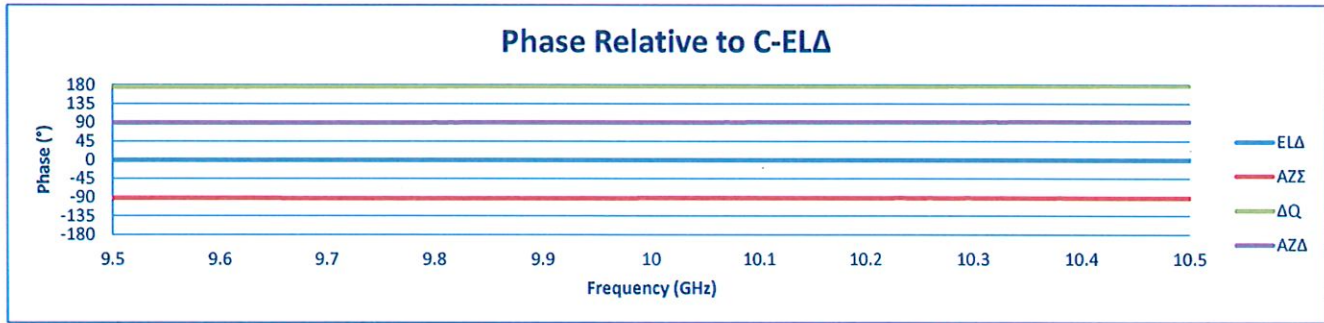
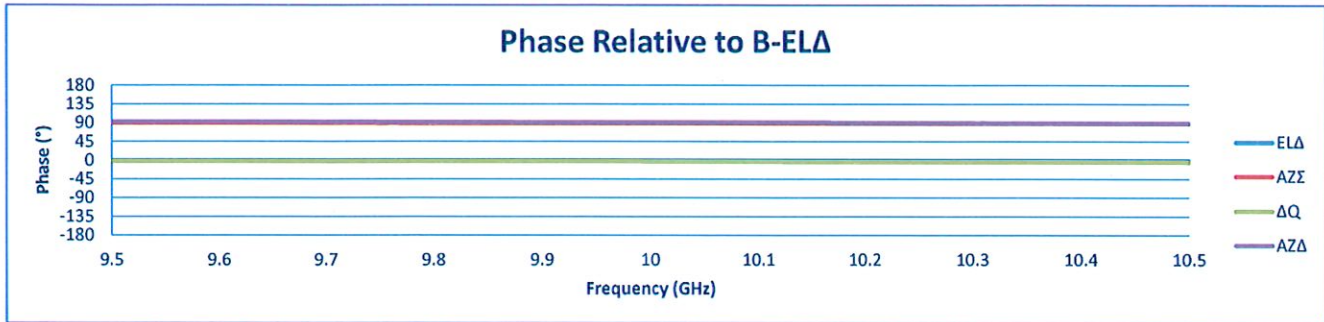
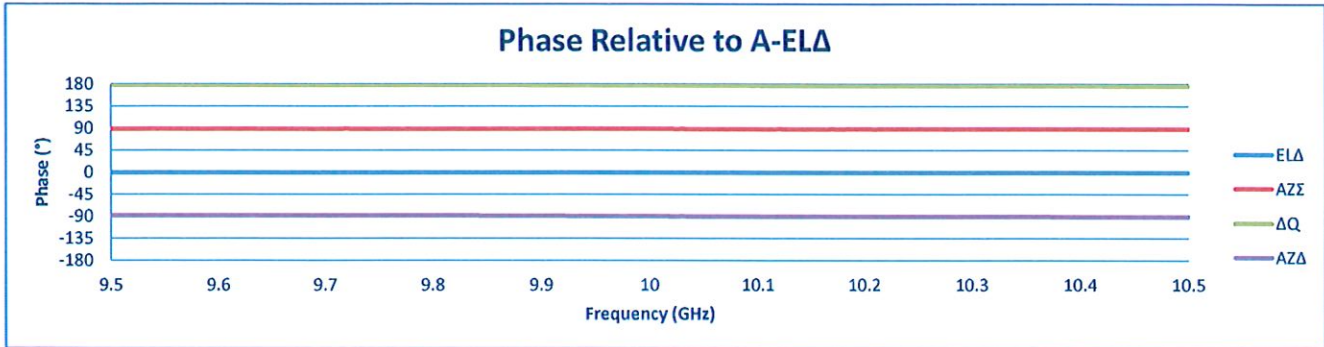


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Phase Data Relative to AZΣ	A	B	C	D	AZΣ	ELΔ	AZΔ	ΔQ	
	A	-	Isolation	Isolation	Isolation	0°	-88°	182°	89°
	B	Isolation	-	Isolation	Isolation	0°	-89°	2°	-91°
	C	Isolation	Isolation	-	Isolation	0°	92°	-178°	-91°
	D	Isolation	Isolation	Isolation	-	0°	92°	3°	90°
	AZΣ	0°	0°	0°	0°	-	Isolation	Isolation	Isolation
	ELΔ	-88°	-89°	92°	92°	Isolation	-	Isolation	Isolation
AZΔ	182°	2°	-178°	3°	Isolation	Isolation	-	Isolation	
ΔQ	89°	-91°	-91°	90°	Isolation	Isolation	Isolation	-	

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	A	B	C	D	ELΔ	AZΣ	ΔQ	AZΔ	
Phase Data Relative to ELΔ	A	-	Isolation	Isolation	Isolation	0°	88°	177°	271°
	B	Isolation	-	Isolation	Isolation	0°	89°	177°	271°
	C	Isolation	Isolation	-	Isolation	0°	-92°	-183°	-270°
	D	Isolation	Isolation	Isolation	-	0°	-92°	-182°	-269°
	ELΔ	0°	0°	0°	0°	-	Isolation	Isolation	Isolation
	AZΣ	88°	89°	-92°	-92°	Isolation	-	Isolation	Isolation
	ΔQ	177°	177°	-183°	-182°	Isolation	Isolation	-	Isolation
AZΔ	271°	271°	-270°	-269°	Isolation	Isolation	Isolation	-	