



**SUMMARY TEST DATA  
ON  
PMC-24D7-7D5-SFF**

Customer: SAMPLE  
 SO No: SAMPLE  
 Model No: PMC-24D7-7D5-SFF  
 Serial No: SAMPLE

Tested By: B.Willard  
 Temperature: +25°C  
 Date: 12/17/2019  
 Drawing No: 27637520      REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	2.0 GHz to 4.0 GHz	2.0 to 4.0 GHz	PMI QA1	
2	Insertion Loss: (if input signals at ports A, B, C, and D are equal Amplitude or Power & Inphase with an output at port AZΣ)	0.8 dB Typical	0.3 dB		
3	Insertion Loss: (if input signals at ports A, B, C, or D and all other ports are terminated to 50 Ohms with an output at ports ELΔ, AZΣ, AQ or AZΔ)	7.5 dB Maximum	7.2 dB See Plot		
4	Amplitude Balance:	±1.0 dB Maximum	±0.7 dB See Plot		
5	Phase Balance:	±10°	±5.1°		
6	Isolation:	18 dB Minimum	18 dB		
7	VSWR:	1.4:1 Maximum	1.3:1 See Plot		
8	Power Handling:	Average: 10 Watt Maximum (Port A, B, C, & D) Peak: 0.1 kW Maximum	10 Watts MAX (Port A, B, C, D)		
9	Impedance:	50 Ω	50 Ω		PMI QA1

QA/QC Approval:

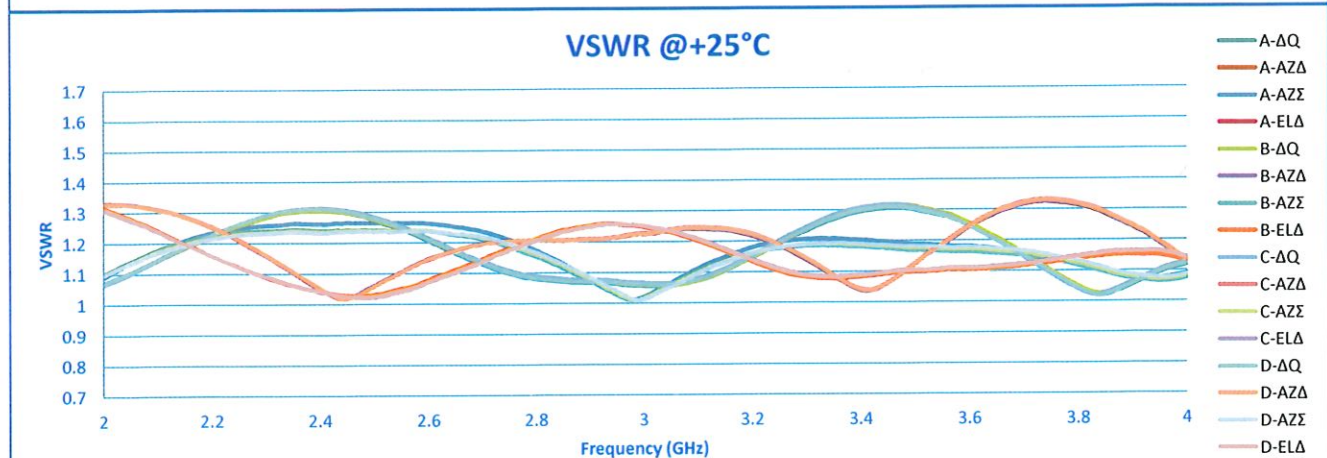
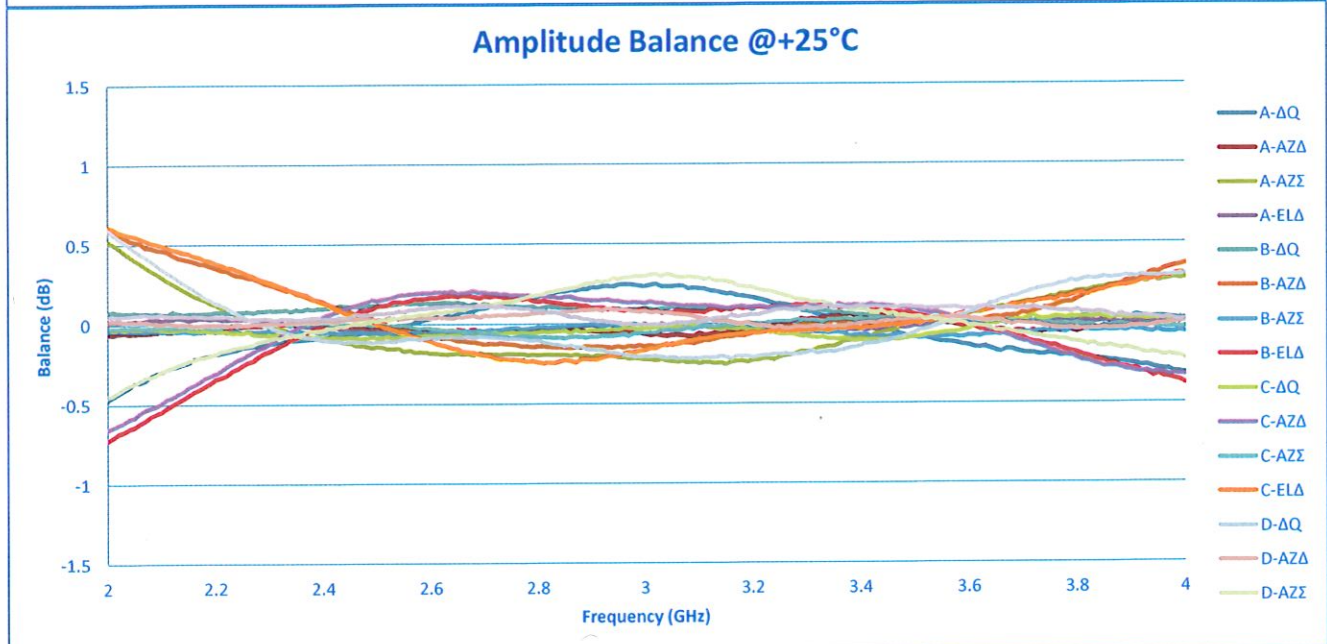
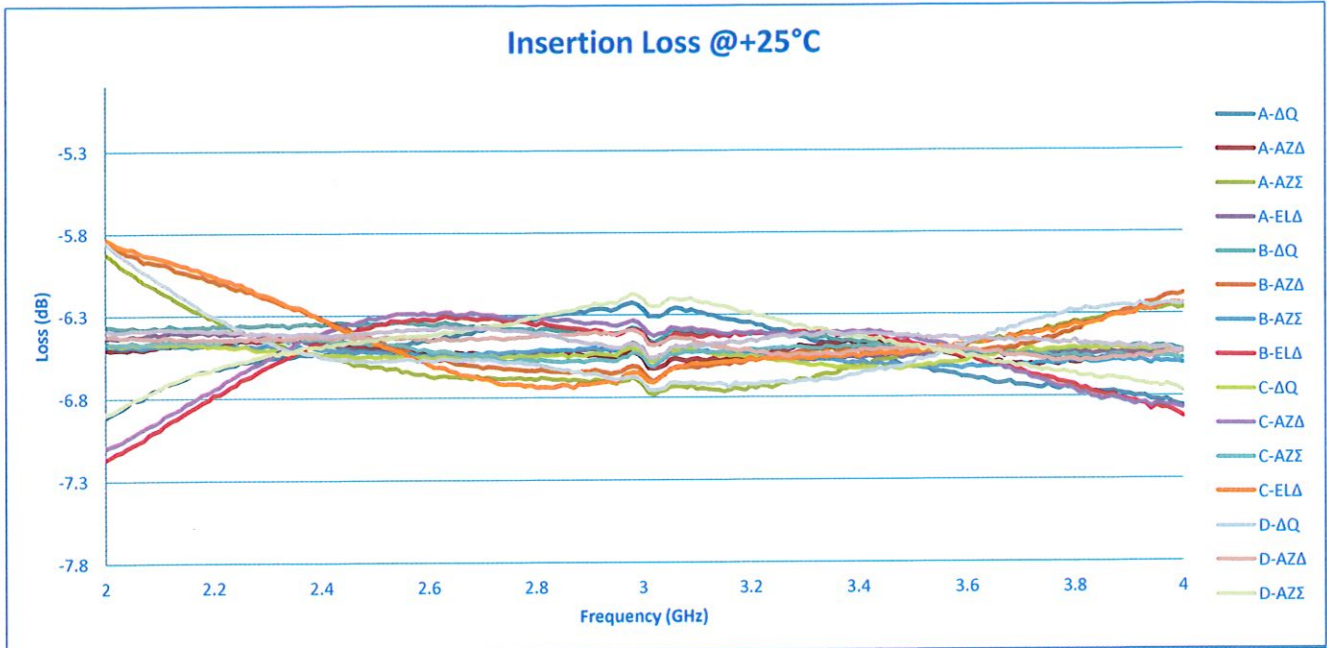
PMI  
QA1

Date: 1/31/20



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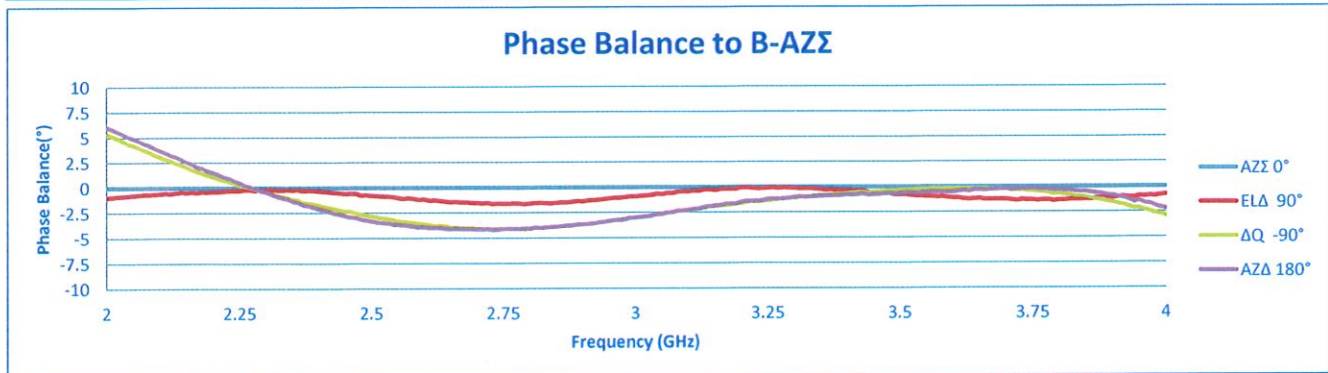
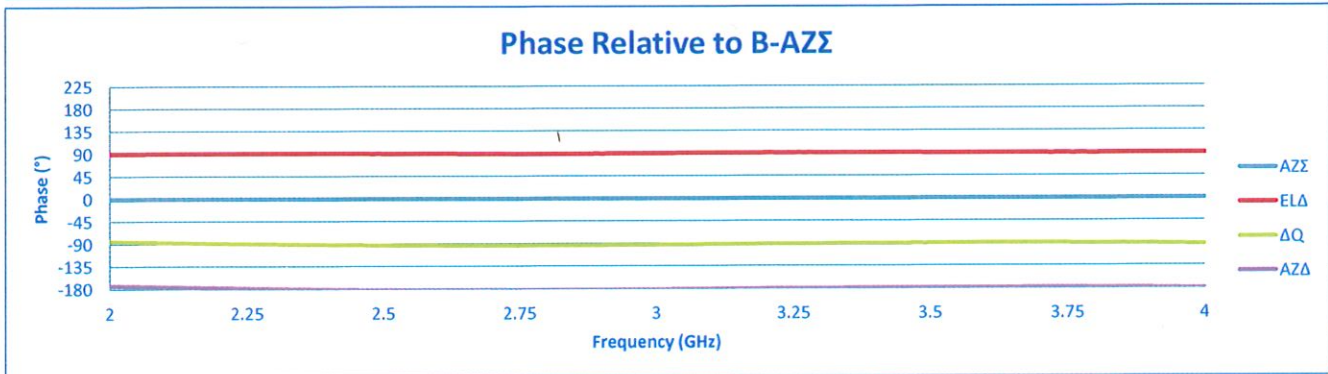
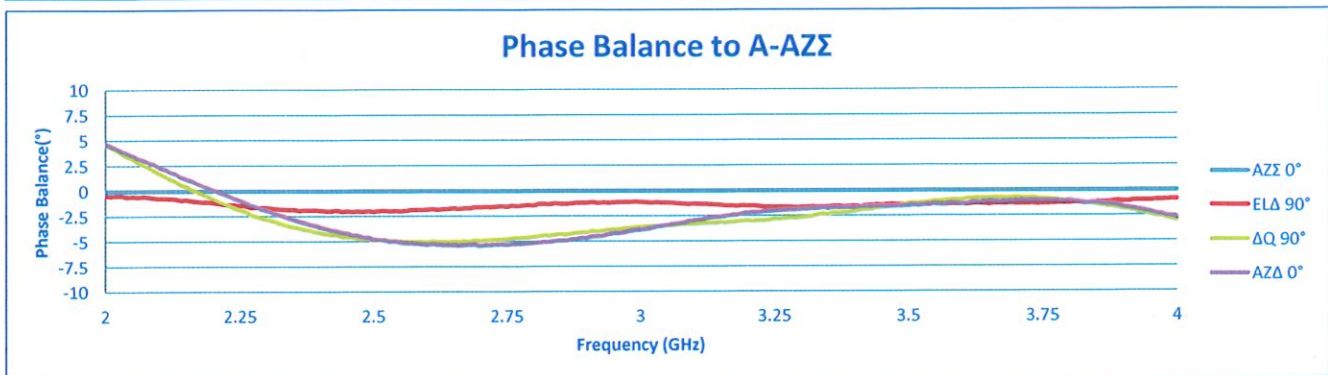
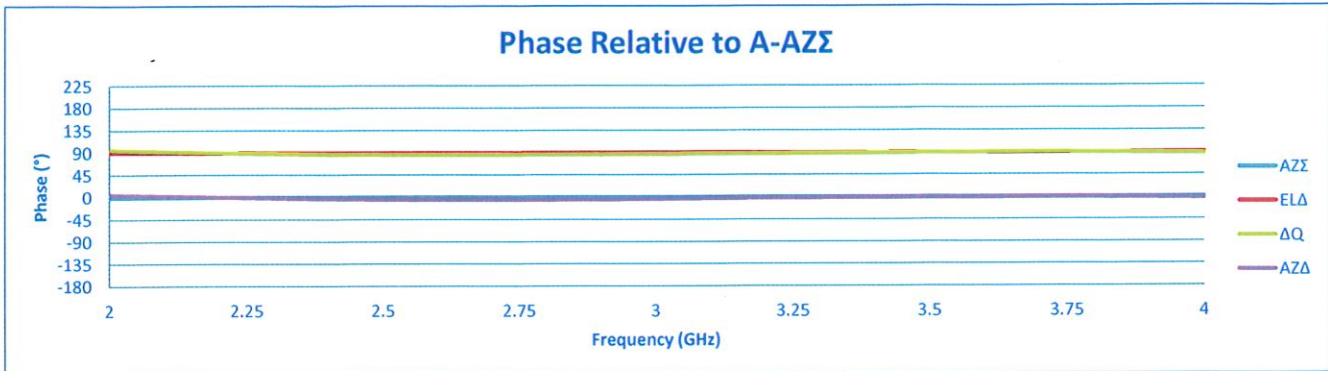






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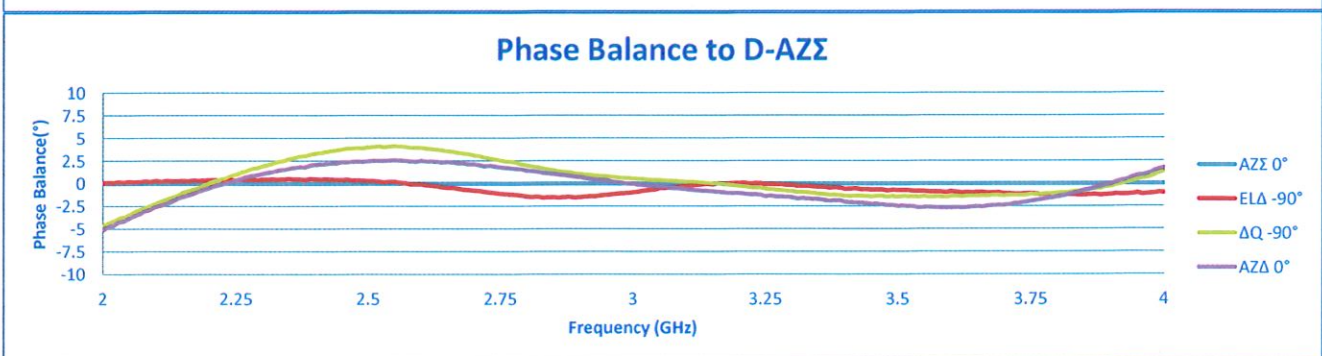
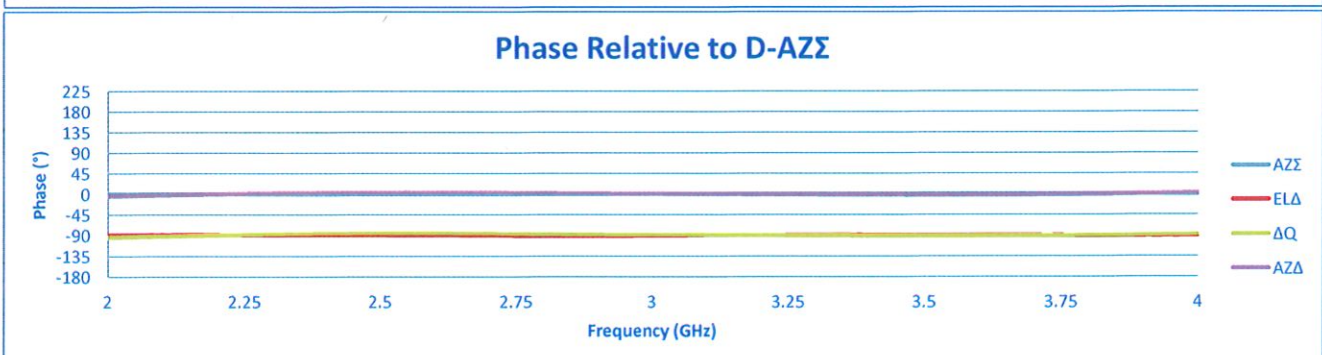
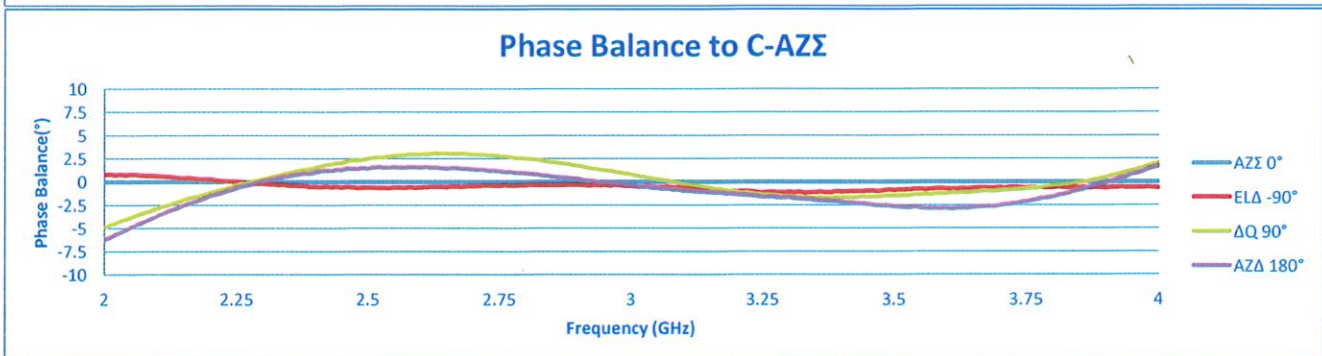
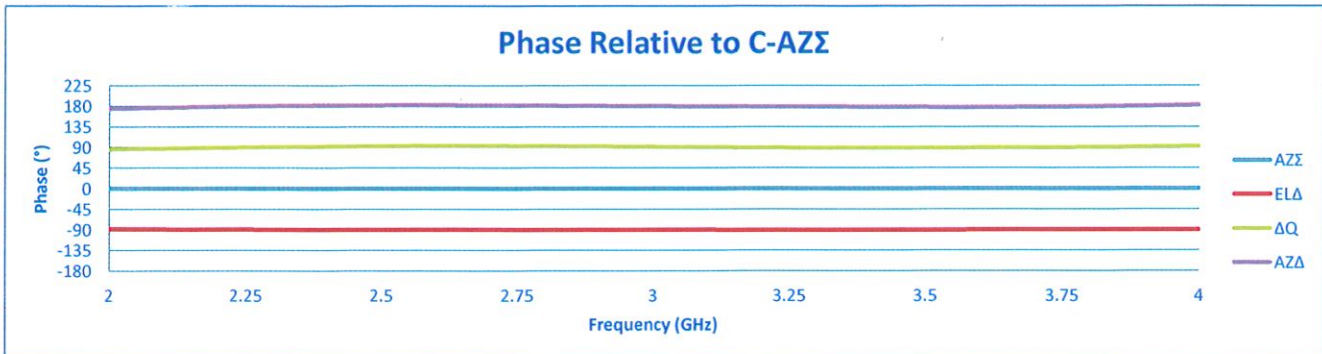
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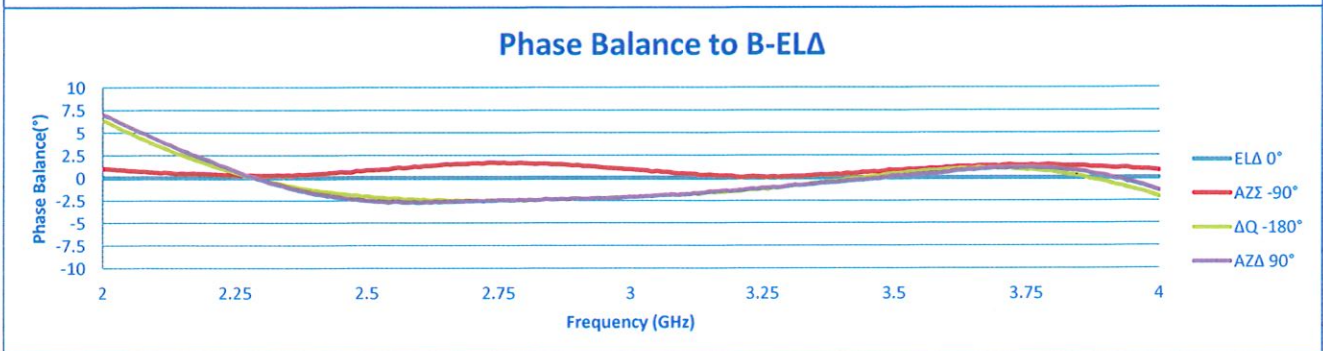
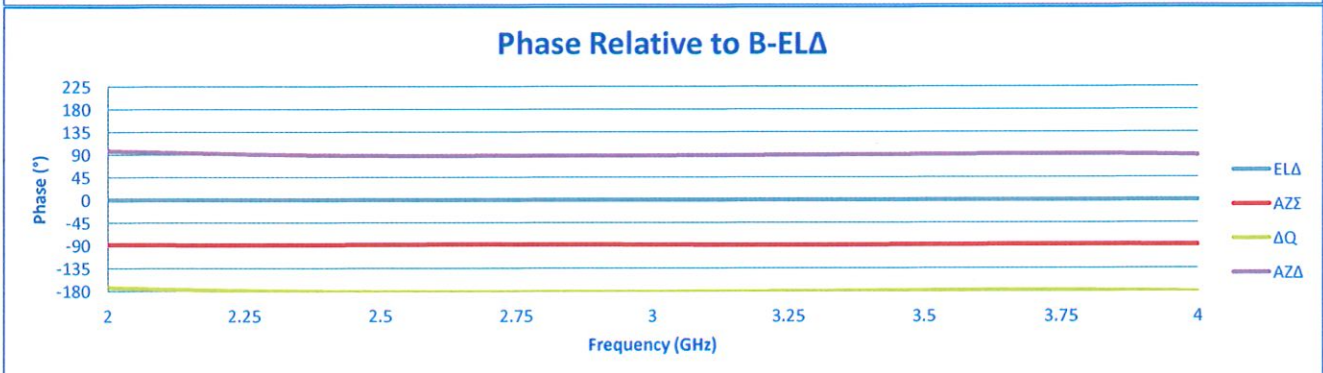
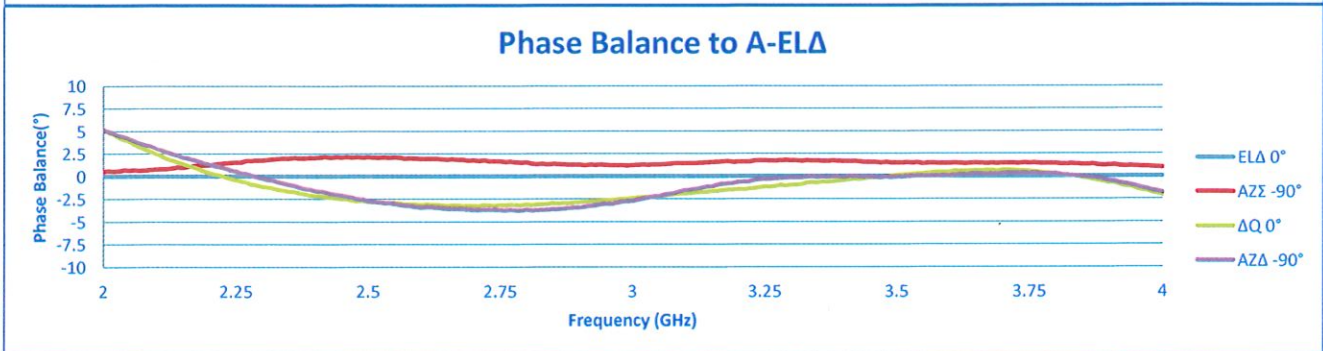
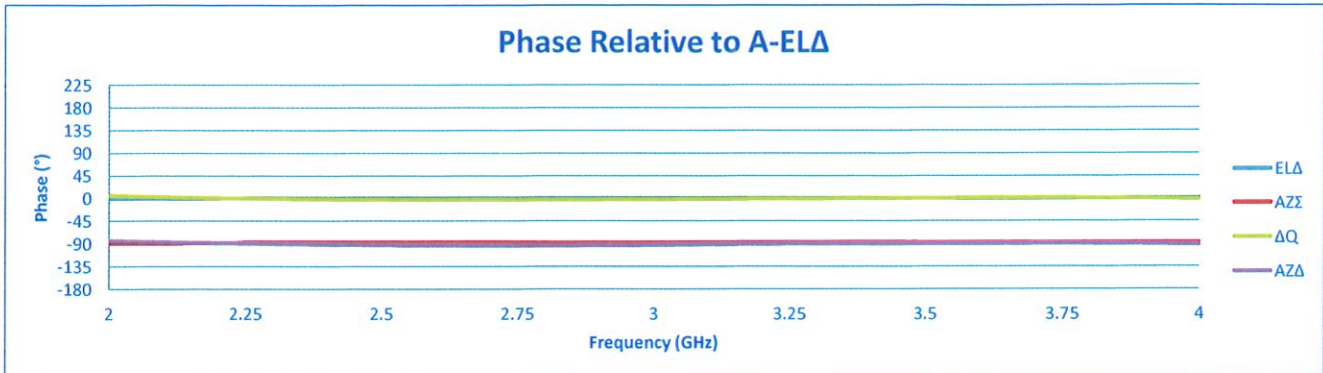
Phase Data Relative to AZΣ	A	A	B	C	D	ELΔ	AZΣ	ΔQ	AZΔ
	A	-	Isolation	Isolation	Isolation	89°	0°	90°	0°
	B	Isolation	-	Isolation	Isolation	89°	0°	-89°	-179°
	C	Isolation	Isolation	-	Isolation	-90°	0°	89°	178°
	D	Isolation	Isolation	Isolation	-	-91°	0°	-90°	-1°
ELΔ	89°	89°	-90°	-91°	-	Isolation	Isolation	Isolation	
AZΣ	0°	0°	0°	0°	Isolation	-	Isolation	Isolation	
ΔQ	90°	-89°	89°	-90°	Isolation	Isolation	-	Isolation	
AZΔ	0°	-179°	178°	-1°	Isolation	Isolation	Isolation	-	





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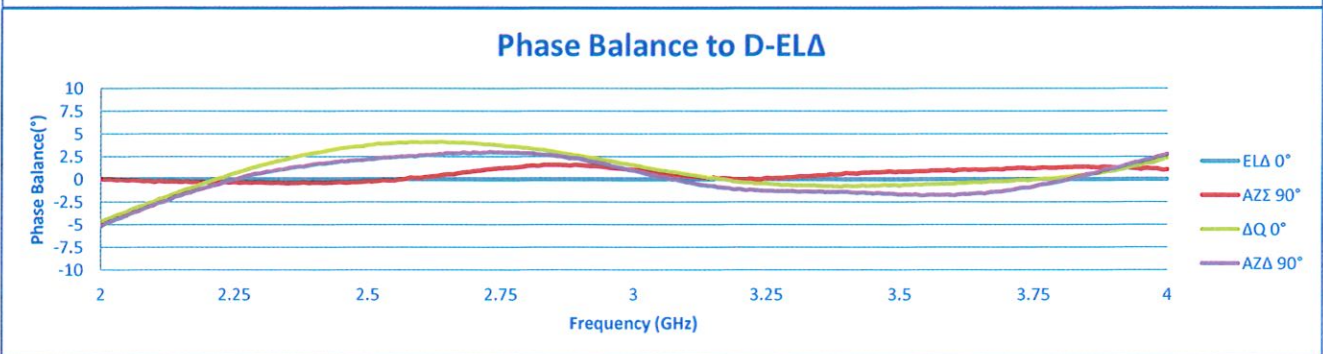
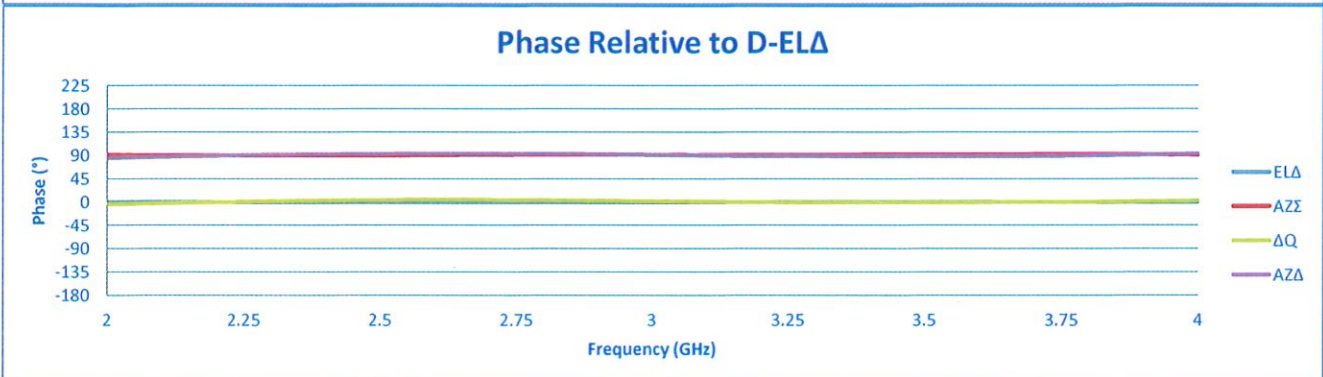
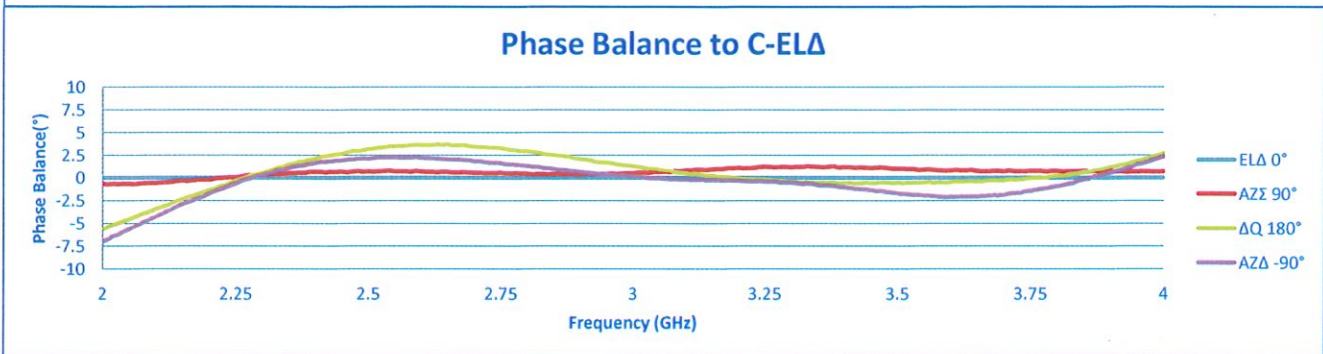
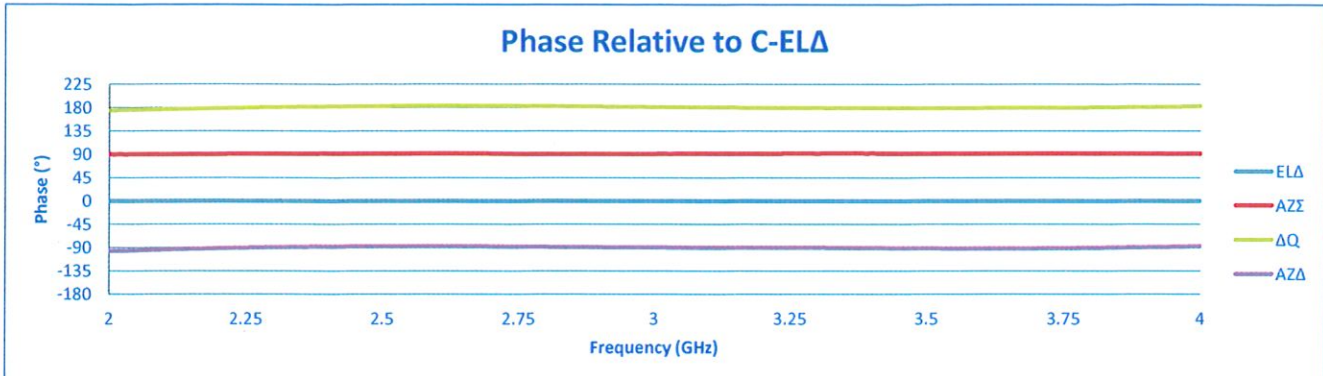
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Phase Data Relative to ELΔ	A	B	C	D	ELΔ	AZΣ	ΔQ	AZΔ	
	A	-	Isolation	Isolation	Isolation	0°	-89°	1°	-89°
	B	Isolation	-	Isolation	Isolation	0°	-89°	-178°	92°
	C	Isolation	Isolation	-	Isolation	0°	90°	179°	-92°
	D	Isolation	Isolation	Isolation	-	0°	91°	0°	89°
	ELΔ	0°	0°	0°	0°	-	Isolation	Isolation	Isolation
	AZΣ	-89°	-89°	90°	91°	Isolation	-	Isolation	Isolation
	ΔQ	1°	-178°	179°	0°	Isolation	Isolation	-	Isolation
AZΔ	-89°	92°	-92°	89°	Isolation	Isolation	Isolation	-	