



Typical Characteristics For PD-CD-001-1 Power Divider & Phase Shifter



This power divider has 4 outputs with different phase:

**J1=0 degrees
J2=90 degrees
J3=180 degrees
J4=270 degrees**

All ports are amplitude matched.

**APRIL 29, 2011
Tested by: Brent Baker**

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SUMMARY TEST DATA

ON

PD-CD-001-1

Customer:	ATEM	Tested By:	B.Baker
Job No:	10-208-P	Temperature:	+25°C
Model No:	PD-CD-001-1	Date:	04/29/11
Serial No:	PL8960/1117		

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	9.3 to 9.9 GHz	9.3 to 9.9 GHz	
2	Phase Balance:	±7° Max	4° Max.	
3	Amplitude Balance:	±0.5 dB Max	±0.2 dB Max	
4	Insertion Loss:	8.0 dB Max	6.97 dB Max	
5	Power Input	28 Watt CW 750 Watt Peak (1.5kW Goal)	Pass by Design Not Tested	
6	VSWR: (Input/Output)	1.5:1 Typ. 2.0:1 Max.	1.6:1 Max.	



PD-CD-001-1

S/N: PL8960

J1-J2 PHASE, REFLECTION COEFFICIENT, & INSERTION LOSS

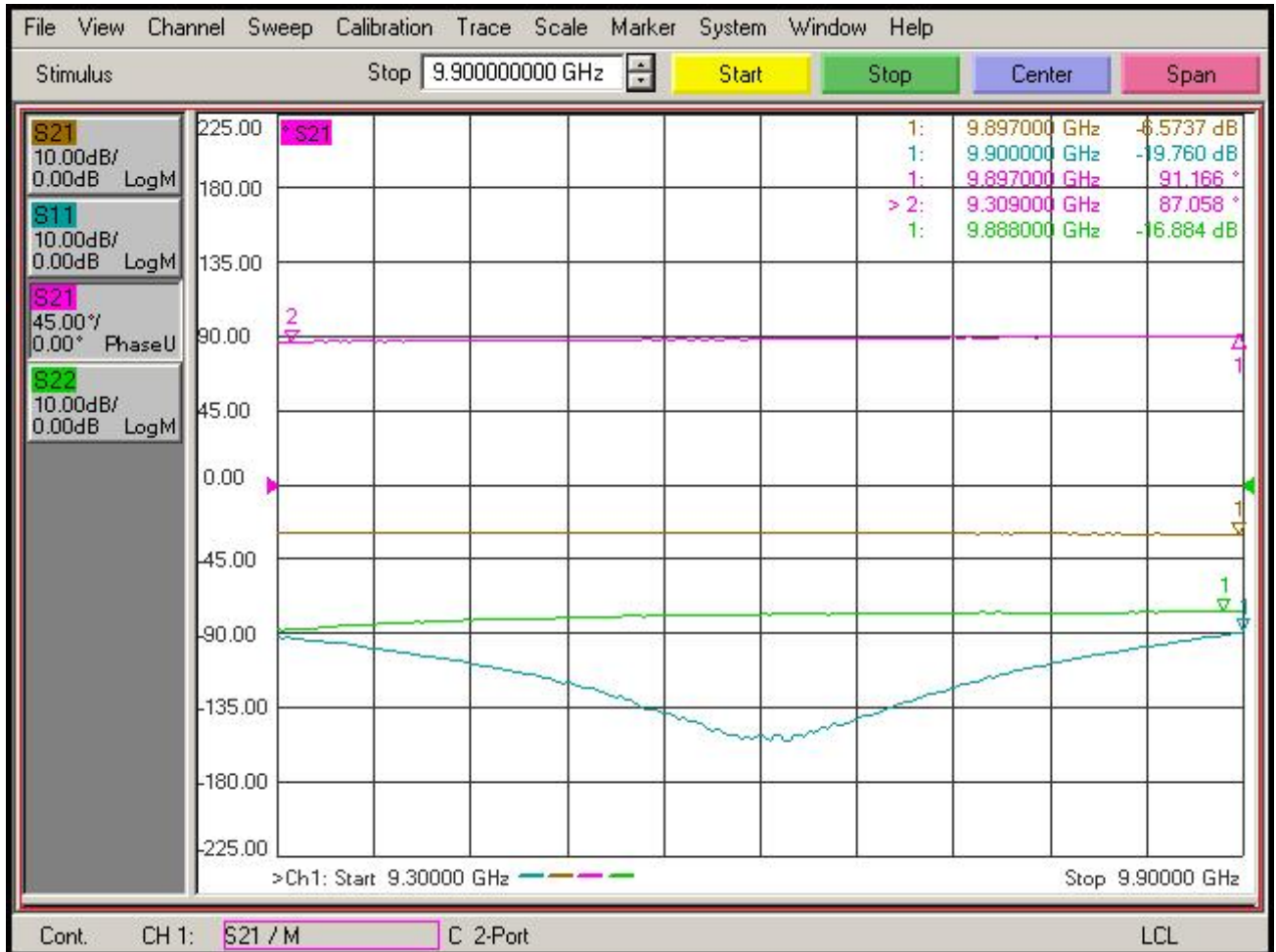




PD-CD-001-1

S/N: PL8960

J1-J3 PHASE, REFLECTION COEFFICIENT & INSERTION LOSS

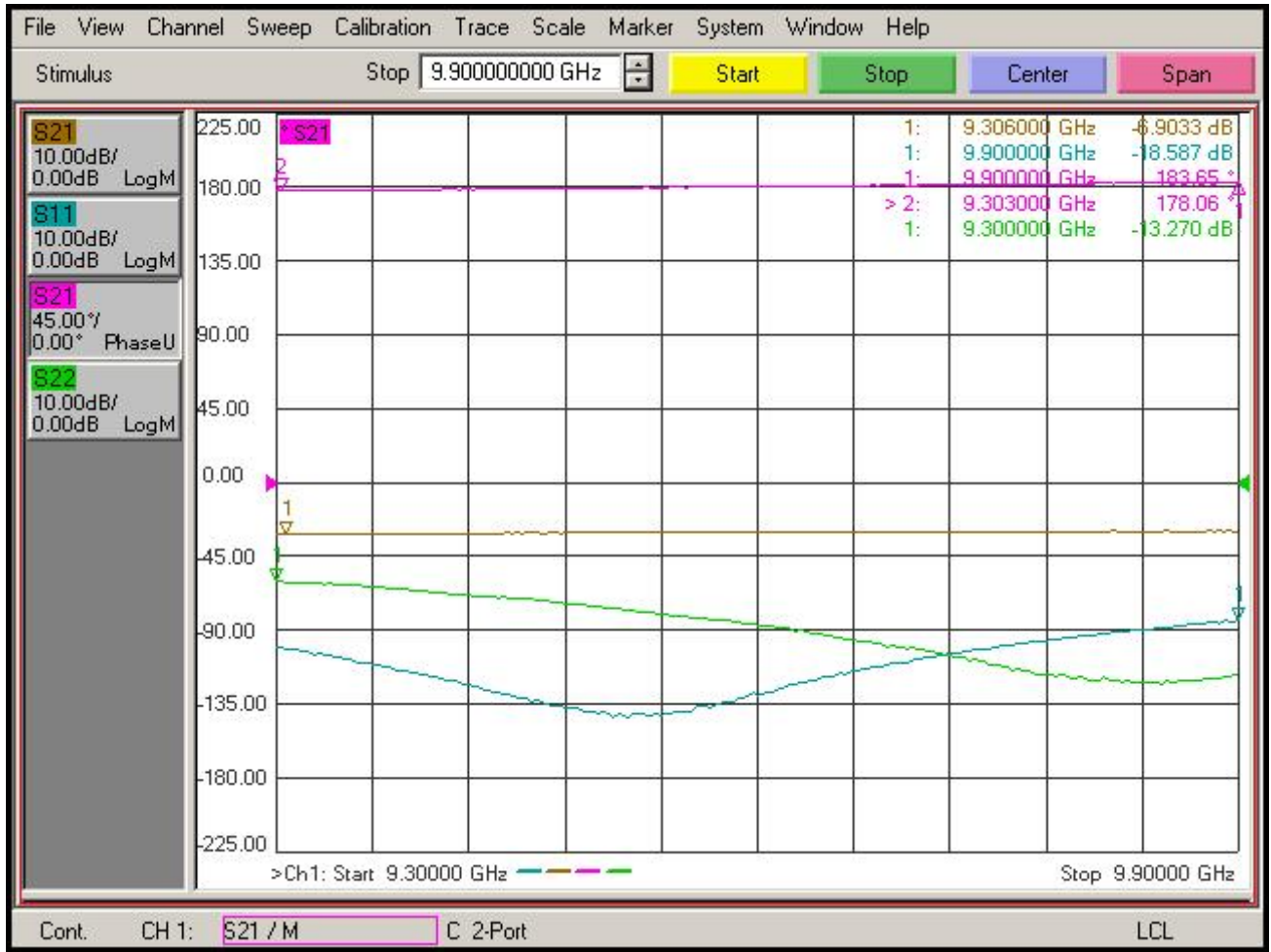




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S/N: PL8960

J1-J4 PHASE, REFLECTION COEFFICIENT & INSERTION LOSS





PD-CD-001-1

S/N: PL8960

J1-J5 PHASE, REFLECTION COEFFICIENT & INSERTION LOSS



