



SUMMARY TEST DATA ON POWER DIVIDER

Customer :
 Job No : SO10-043-P
 Model No : APD-2-0518-YR1
 Serial No : PL7391

Tested By : DD/DV
 Temperature : +25°C
 Date : 4/30/10

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE J2	MEASURED VALUE J3	REMARKS QA/QC
1	Frequency Range:	0.5 – 18.0 GHz	0.5 – 18.0 GHz		
2	Insertion Loss (MAX dB Typical):	0.5–8.0 GHz: 1.85 dB Typical 8.0–18.0 GHz: 3.5 dB Typical	0.5–8.0 GHz: See Plot 8.0–18.0 GHz: See Plot	0.5–8.0 GHz: See Plot 8.0–18.0 GHz: See Plot	
3	VSWR:	0.5–8.0 GHz: 1.5:1 Typical 8.0–18.0 GHz: 1.6:1 Typical	0.5-8.0 GHz: See Plot 8.0-18.0 GHz: See Plot	0.5-8.0 GHz: See Plot 8.0-18.0 GHz: See Plot	
4	Isolation (J2-J3 MIN dB Typical):	0.5–8.0 GHz: 16.5 dB Typical 8.0–18.0 GHz: 21.0 dB Typical	0.5–8.0 GHz: See Plot 8.0–18.0 GHz: See Plot		
5	Amplitude Balance (MAX dB Typical):	0.5–8.0 GHz: ±0.2 dB Typical 8.0–18.0 GHz: ±0.45 dB Typical	0.5–8.0 GHz: See Plot 8.0–18.0 GHz: See Plot		
6	Phase Balance (MAX Degrees Typical):	0.5–8.0 GHz: ±4° Typical 8.0–18.0 GHz: ±5° Typical	0.5–8.0 GHz: See Plot 8.0–18.0 GHz: See Plot		

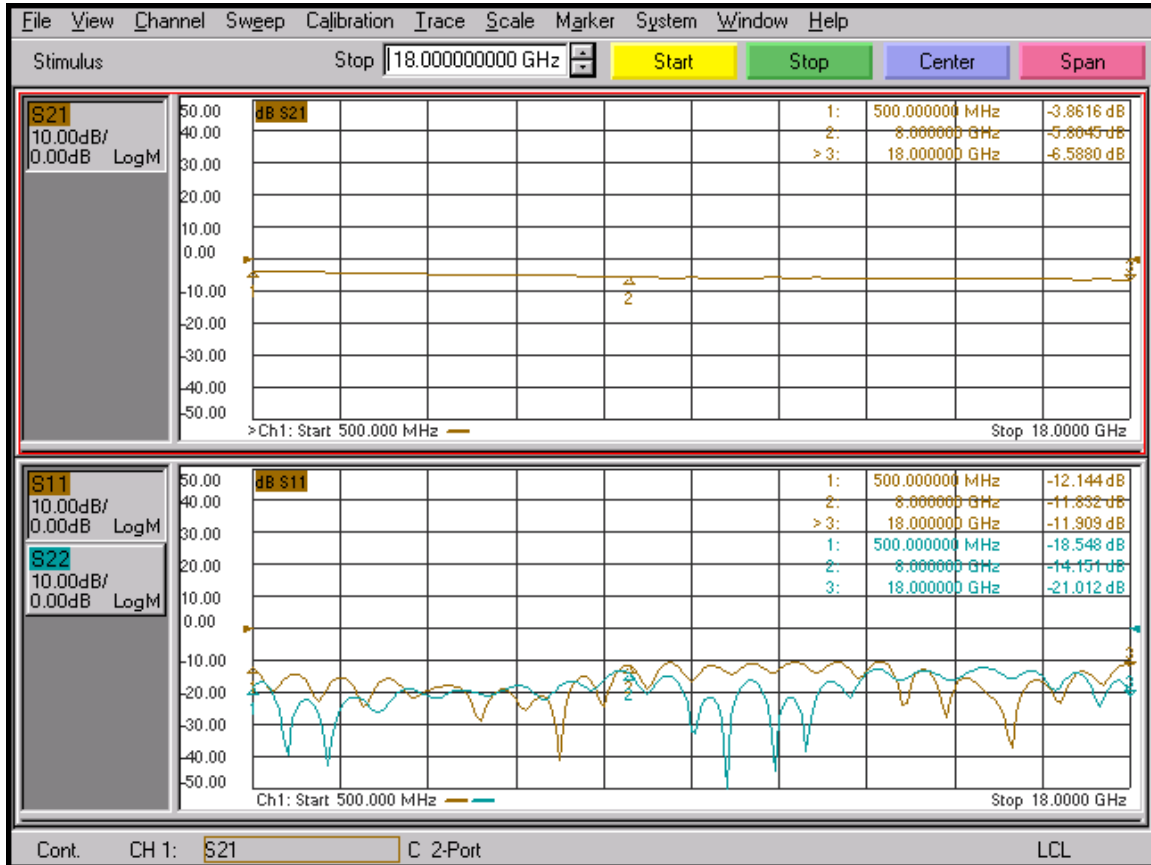
Production Manager Approval: _____ Date: _____

QA/QC Approval: _____ Date: _____

7311-F Grove Road, Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 email: sales@planarelec.com

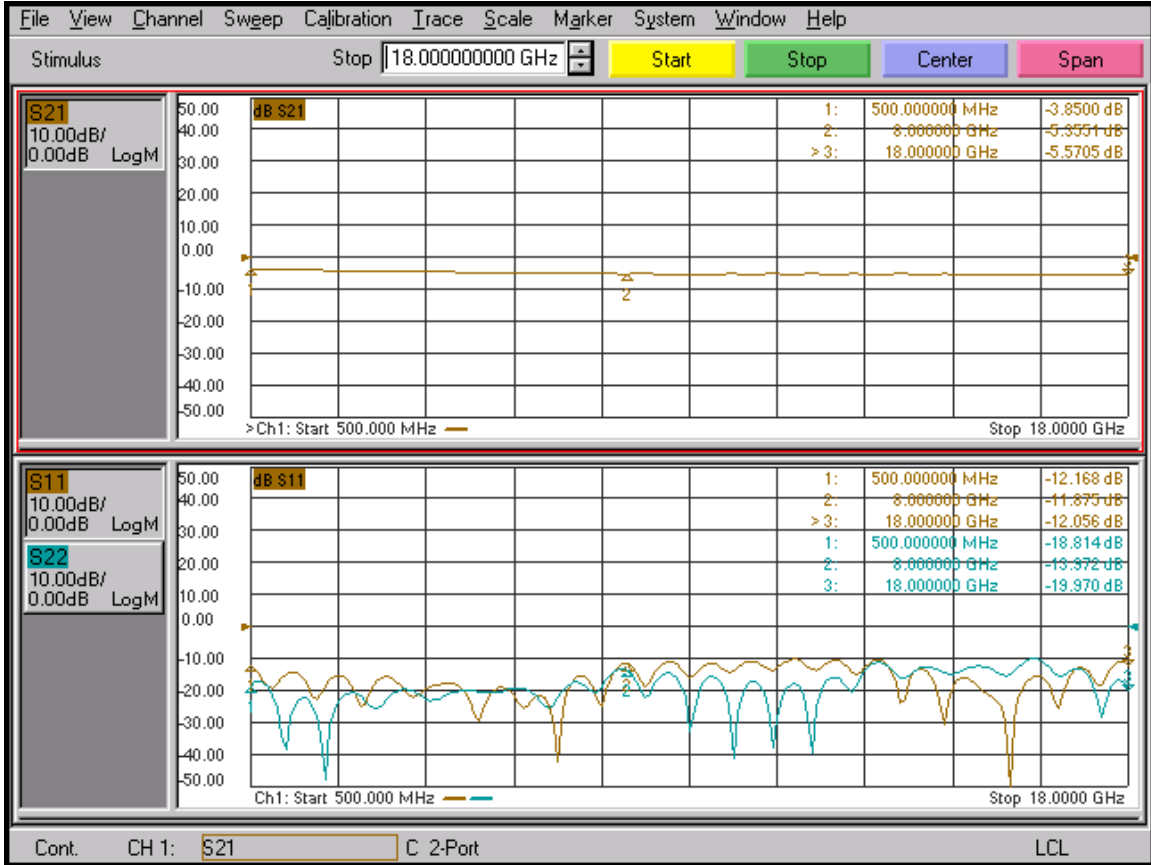


J1 to J2 Ins. Loss + Return Loss



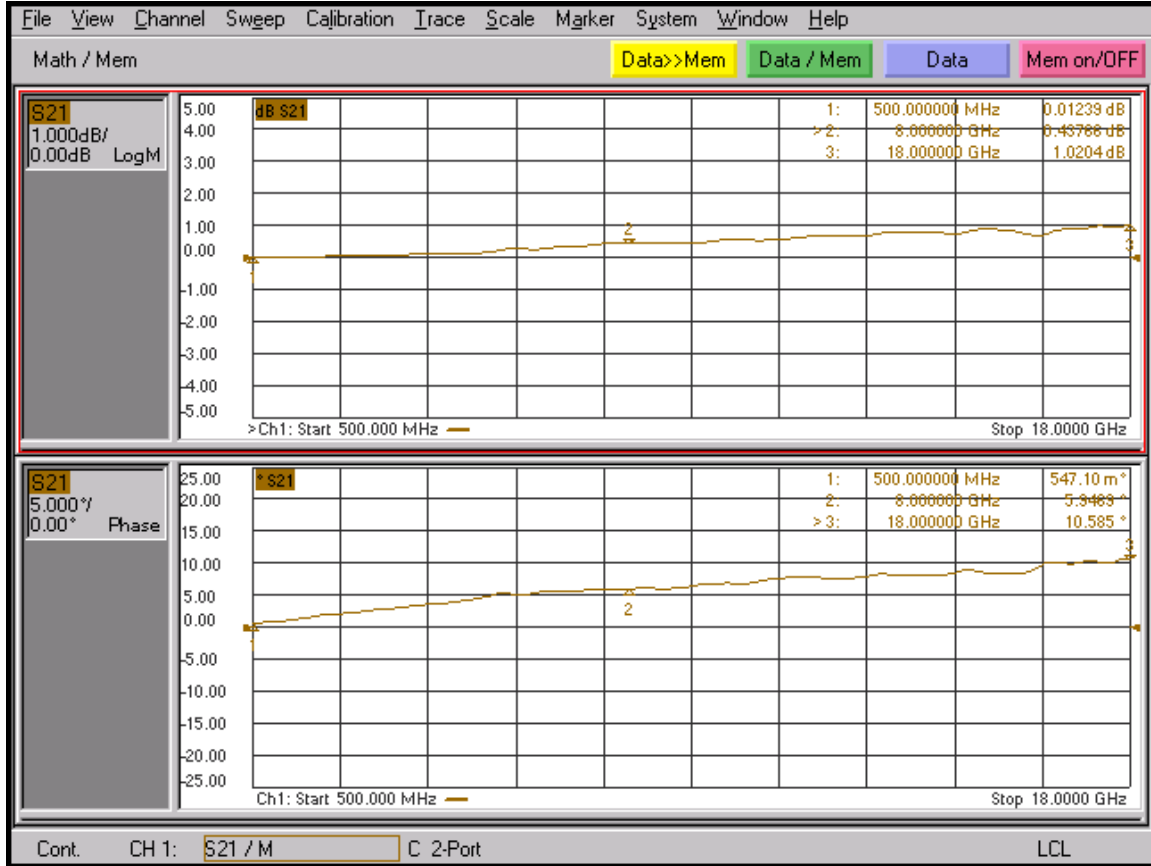


J1 to J3
Ins. Loss + Return Loss





Amplitude Balance + Phase Balance





J2 to J3 Isolation

