

**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

**92170**

Customer: \_\_\_\_\_ Tested By: L. McGraw  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: APD-4-800M2D5G-SFF-30W Date: 04/09/19  
 Serial No: 92170 Drawing No: 27625662 Rev: A1  
 Part No.: \_\_\_\_\_

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.8 TO 2.5 GHz	0.8 TO 2.5 GHz	PMI QA1
2	Insertion Loss	≤0.7 dB	0.30dB (See Plot)	
3	VSWR	≤1.25:1	1.16:1 (See Plot)	
4	Isolation	20 dB Minimum	23dB (See Plot)	
5	Amplitude Balance	≤±0.3 dB	≤±0.3 dB (See Plot)	
6	Phase Balance	≤±6°	≤±6° (See Plot)	
7	Power Handling	Forward ≤30 W Reversed ≤1 W	Forward ≤30 W Reversed ≤1 W	
8	Impedance	50 Ω	50 Ω	

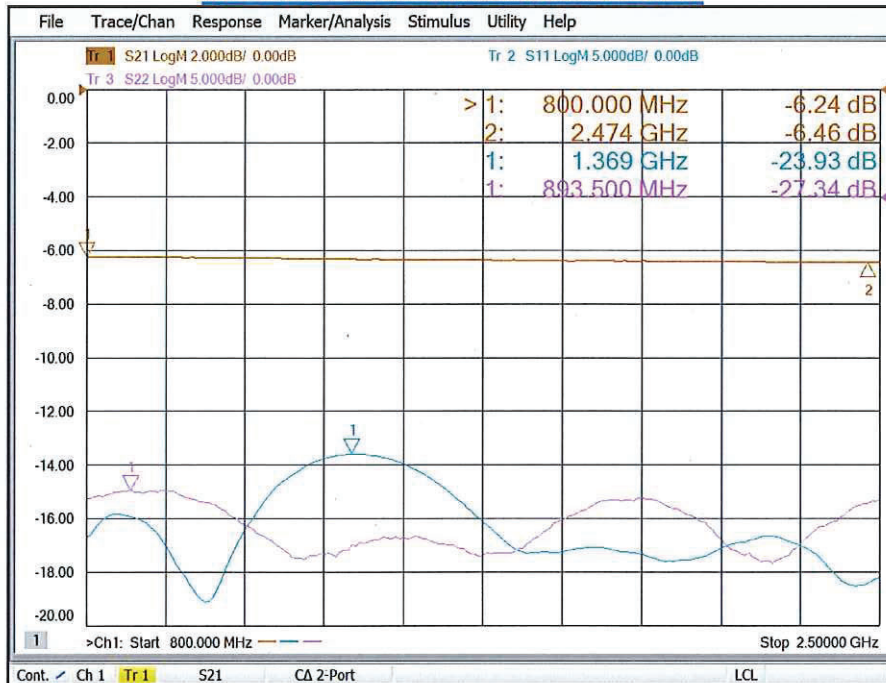
QA/QC Approval:  PMI QA1 Date: 4/9/19

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
 Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

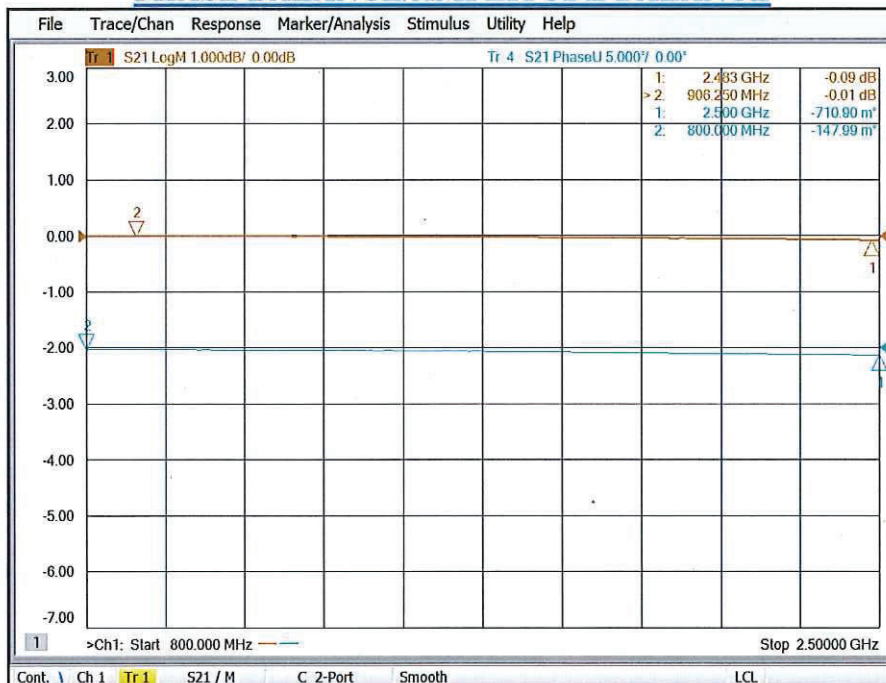
**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

92170

**J1-J2  
RETURN LOSS/INSERTION LOSS**



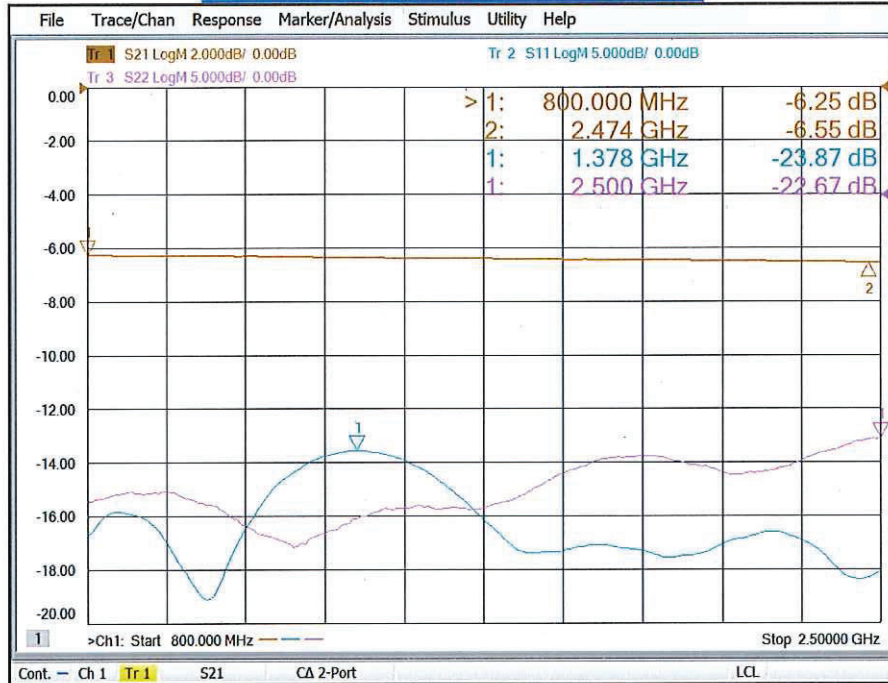
**J1-J2  
PHASE BALANCE/AMPLITUDE BALANCE**



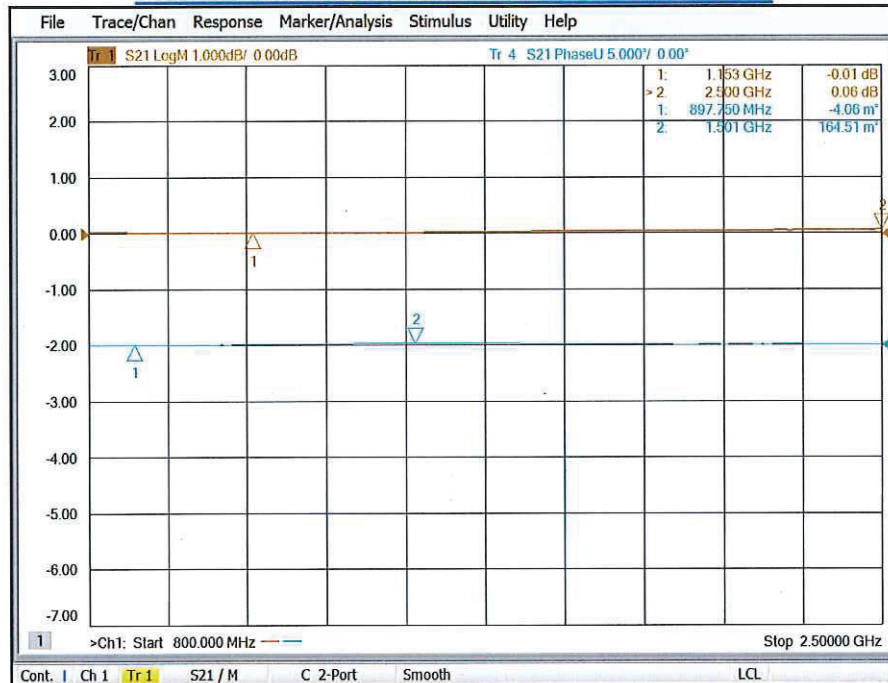
**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

92170

**J1-J3  
RETURN LOSS/INSERTION LOSS**



**J1-J3  
PHASE BALANCE/AMPLITUDE BALANCE**

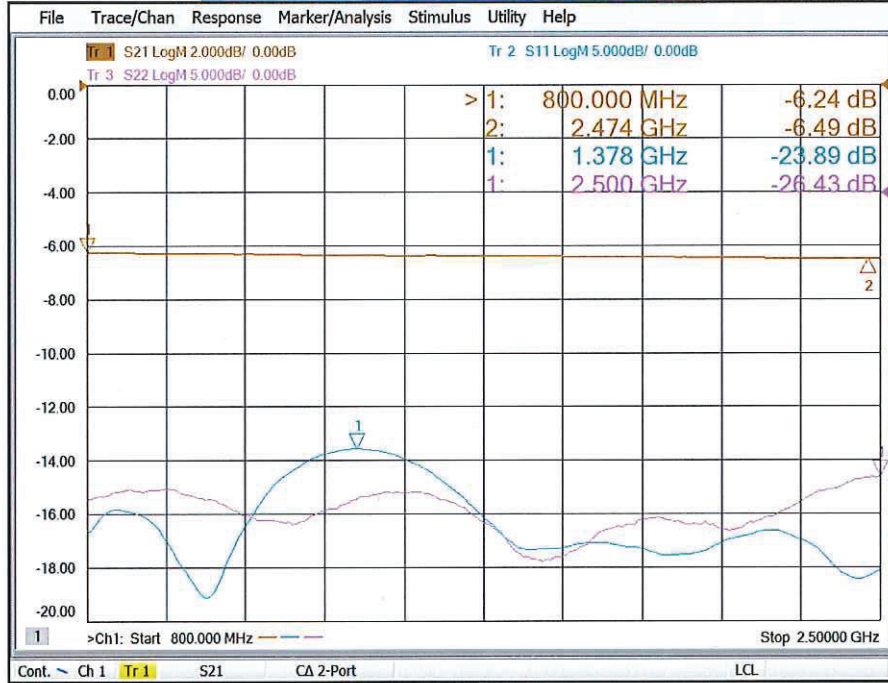


7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

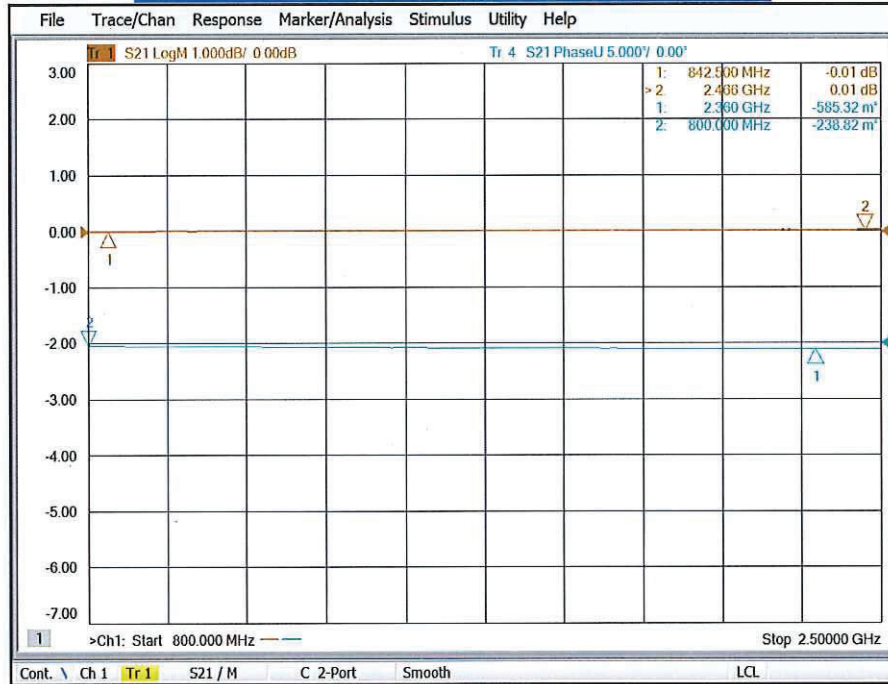
**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

92170

**J1-J4  
RETURN LOSS/INSERTION LOSS**



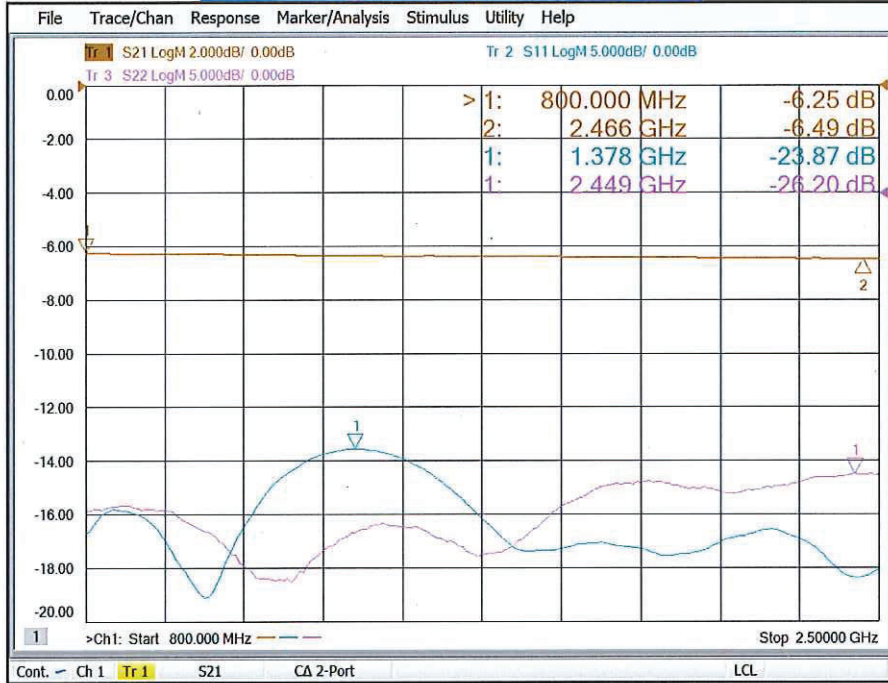
**J1-J4  
PHASE BALANCE/AMPLITUDE BALANCE**



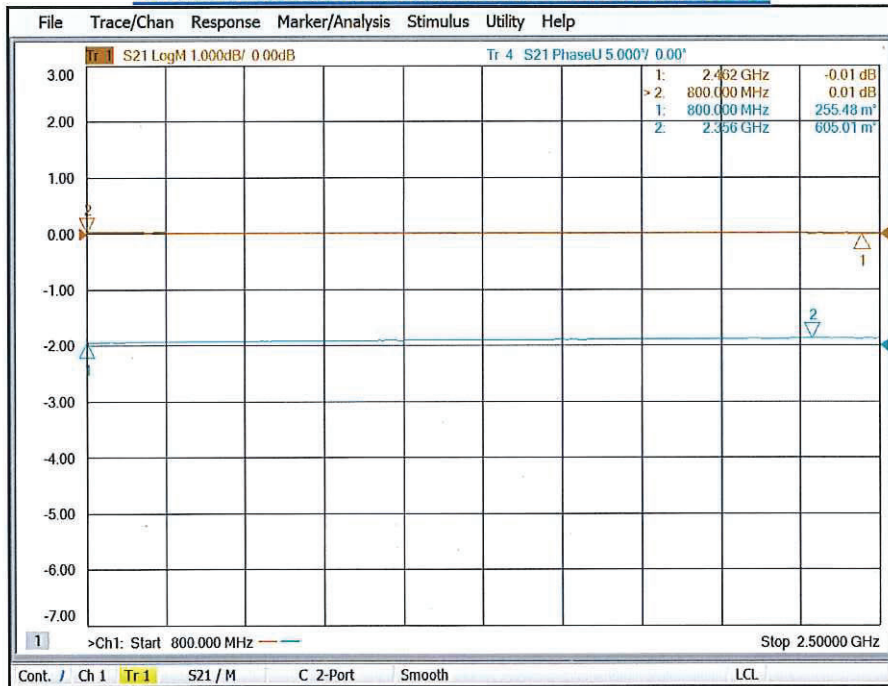
**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

92170

**J1-J5  
RETURN LOSS/INSERTION LOSS**



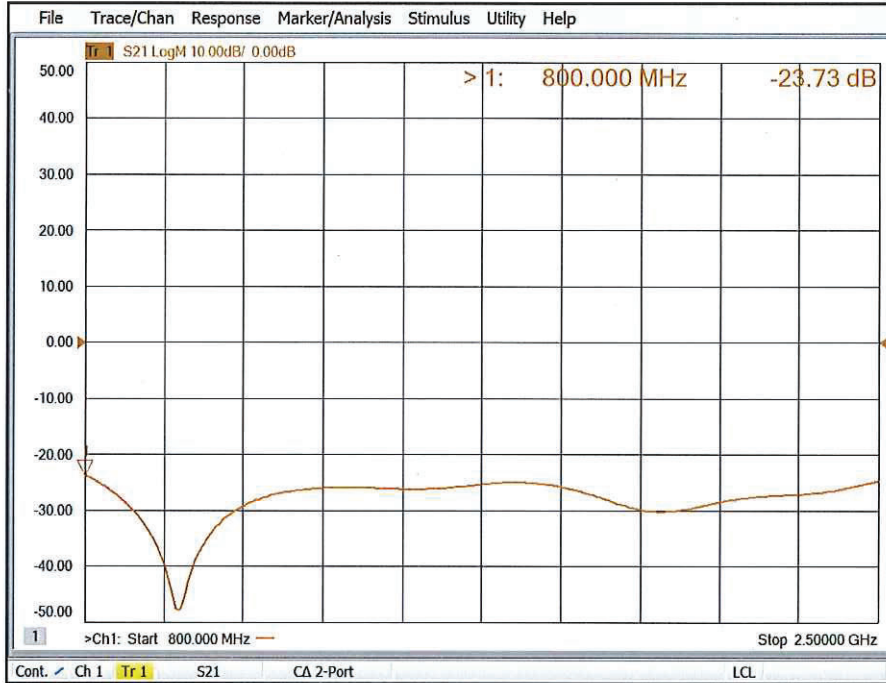
**J1-J5  
PHASE BALANCE/AMPLITUDE BALANCE**



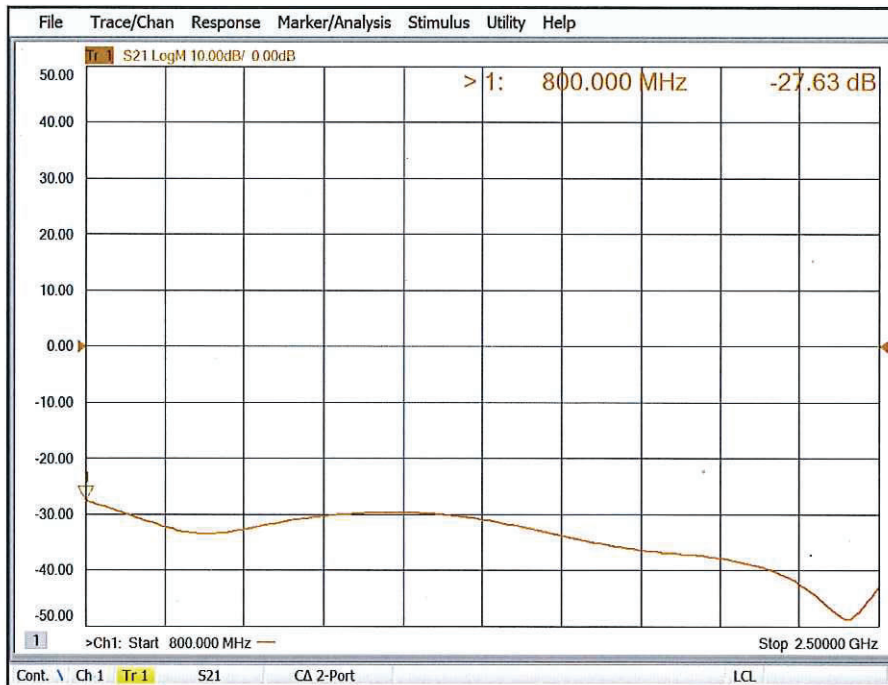
**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

92170

**J2-J3 ISOLATION**



**J3-J4 ISOLATION**



7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

**SUMMARY TEST DATA  
ON  
APD-4-800M2D5G-SFF-30W**

92170

**J4-J5 ISOLATION**

