



**SUMMARY TEST DATA  
ON  
APD-4-2G18G-TF-2**

Customer: \_\_\_\_\_ Tested By: M. Hanken  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: APD-4-2G18G-TF-2 Date: 08/25/2020  
Serial No: PL30041/2035 Drawing No: 27 6 9120 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2.0 to 18.0 GHz	2.0 to 18.0 GHz	PMI QA 2
2	Insertion Loss:	1.8 dB Max. (Above 6.02 dB Split)	1.4 dB	
3	VSWR Input/Output:	1.50:1 Max.	1.42:1	
4	Isolation	18 dB Min.	20 dB	
5	Amplitude Balance:	±0.5 dB Max.	± 0.22 dB	
6	Phase Balance:	±6° Max.	Pass	
7	Power Handling:	Forward: 30 Watts Max. Reversed: 1 Watt Max.	Pass	
8	Impedance:	50 Ohms	Pass	
9	Weight:	110 g	Pass	PMI QA 2

QA/QC Approval:  <sup>PMI</sup> <sub>QA 2</sub> Date: 8.25.2020

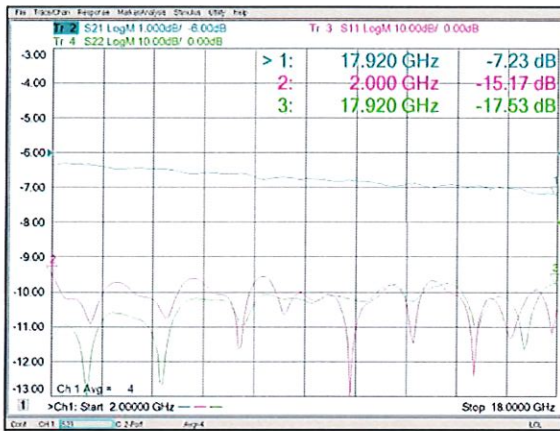
7311-F Grove Road, Frederick, MD 21704 USA  
Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



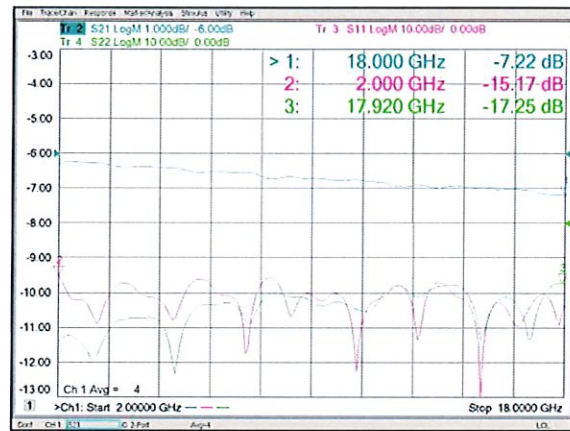
# SUMMARY TEST DATA ON APD-4-2G18G-TF-2

## Insertion Loss, VSWR

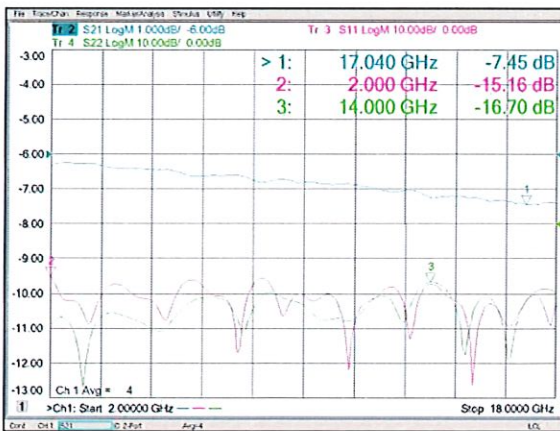
1



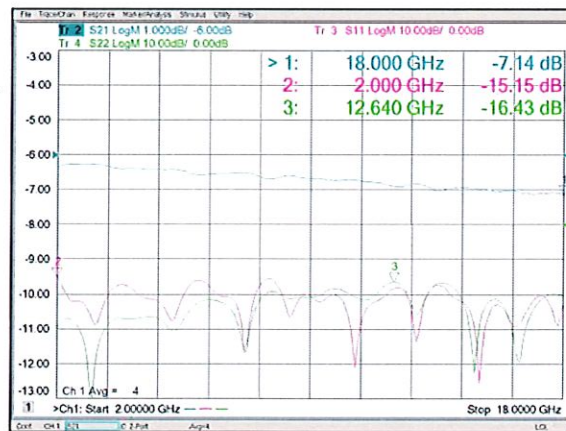
2



3



4

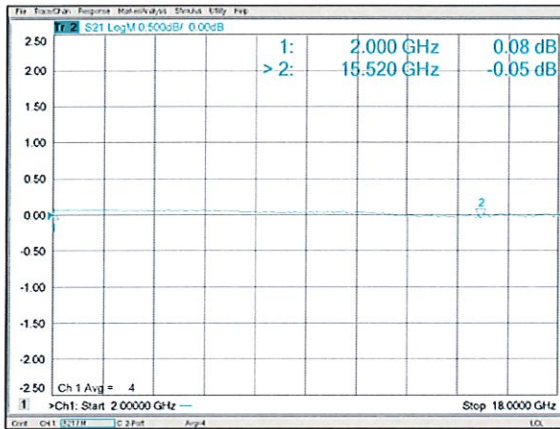




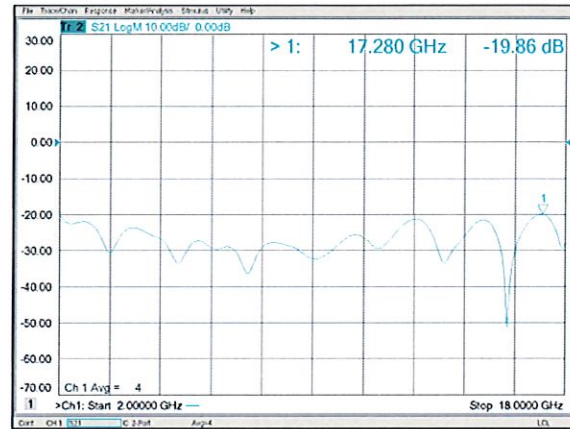
**SUMMARY TEST DATA  
ON  
APD-4-2G18G-TF-2**

**Amplitude Balance, Isolation**

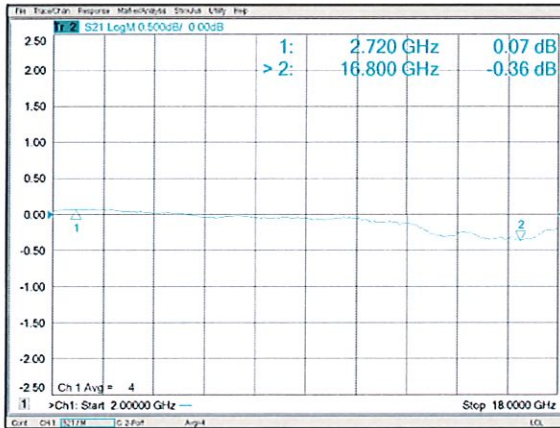
**1-2 Balance**



**1-2 Isolation**



**1-3 Balance**



**1-3 Isolation**

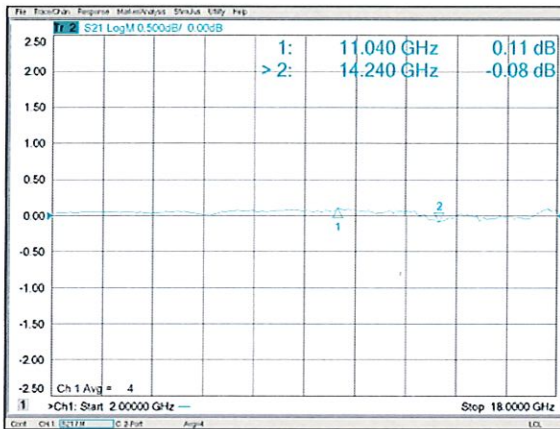




**SUMMARY TEST DATA  
ON  
APD-4-2G18G-TF-2**

**Amplitude Balance, Isolation**

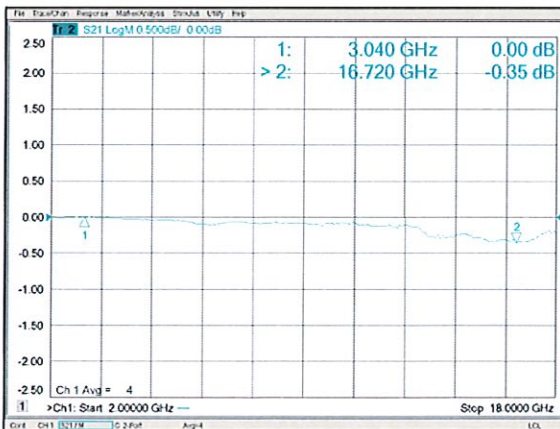
**1-4 Balance**



**1-4 Isolation**



**2-3 Balance**



**2-3 Isolation**

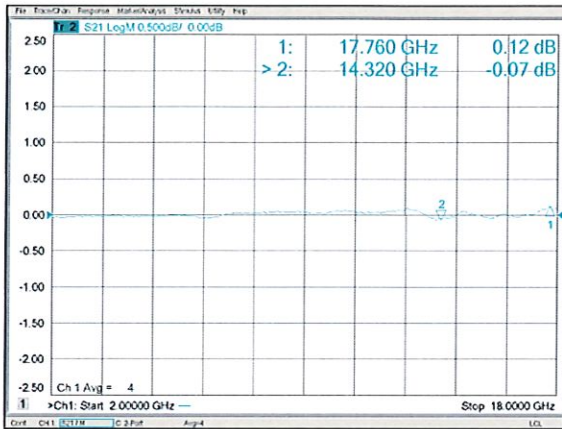




**SUMMARY TEST DATA  
ON  
APD-4-2G18G-TF-2**

**Amplitude Balance, Isolation**

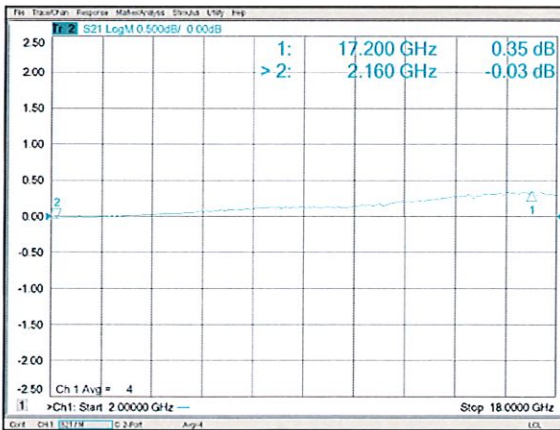
**2-4 Balance**



**2-4 Isolation**



**3-4 Balance**



**3-4 Isolation**

