



**SUMMARY TEST DATA  
ON  
APD-6-2G18G-SFF-1W**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: APD-6-2G18G-SFF-1W  
 Serial No: SAMPLE

Tested By: C. BENJAMINS  
 Temperature: 25  
 Date: 3/22/2018  
 Drawing No: \_\_\_\_\_ Rev: \_\_\_\_\_

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz – 18 GHz	2 GHz – 18 GHz	
2	Insertion Loss	1.75 dB MAX	<b>1.86 dB</b> (See Plot)	
3	Isolation	15 dB MIN	16.4 dB (See Plot)	
4	VSWR	INPUT 1.90:1 MAX OUTPUT 1.90:1 MAX	INPUT 1.70 OUTPUT 1.70 (See Plot)	
5	Amplitude Balance	±0.5 dB	0.34 dB MAX <b>-0.60 dB MIN</b> (See Plot)	
6	Phase Balance	±5°	<b>+12.63 ° MAX</b> -1.21 ° MIN (See Plot)	
7	Amplitude Change Over Temperature Range	0.5 dB MAX	0.44 dB MAX (See Plot)	
8	Phase Change Over Temperature Range	5° MAX	<b>24.68 ° MAX</b> (See Plot)	

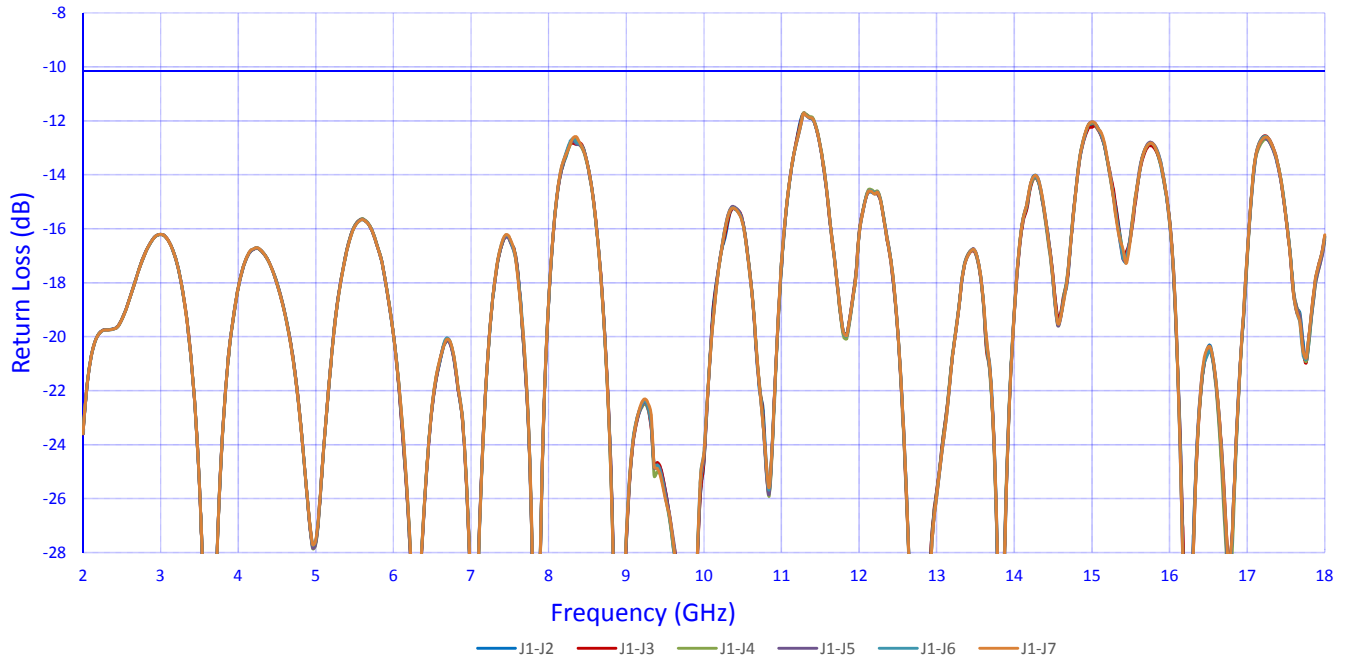
Note: Amplitude and phase balance are relative to J2 Port.  
 Change over temp measured at +10C and +50C.

QA/QC Approval: \_\_\_\_\_

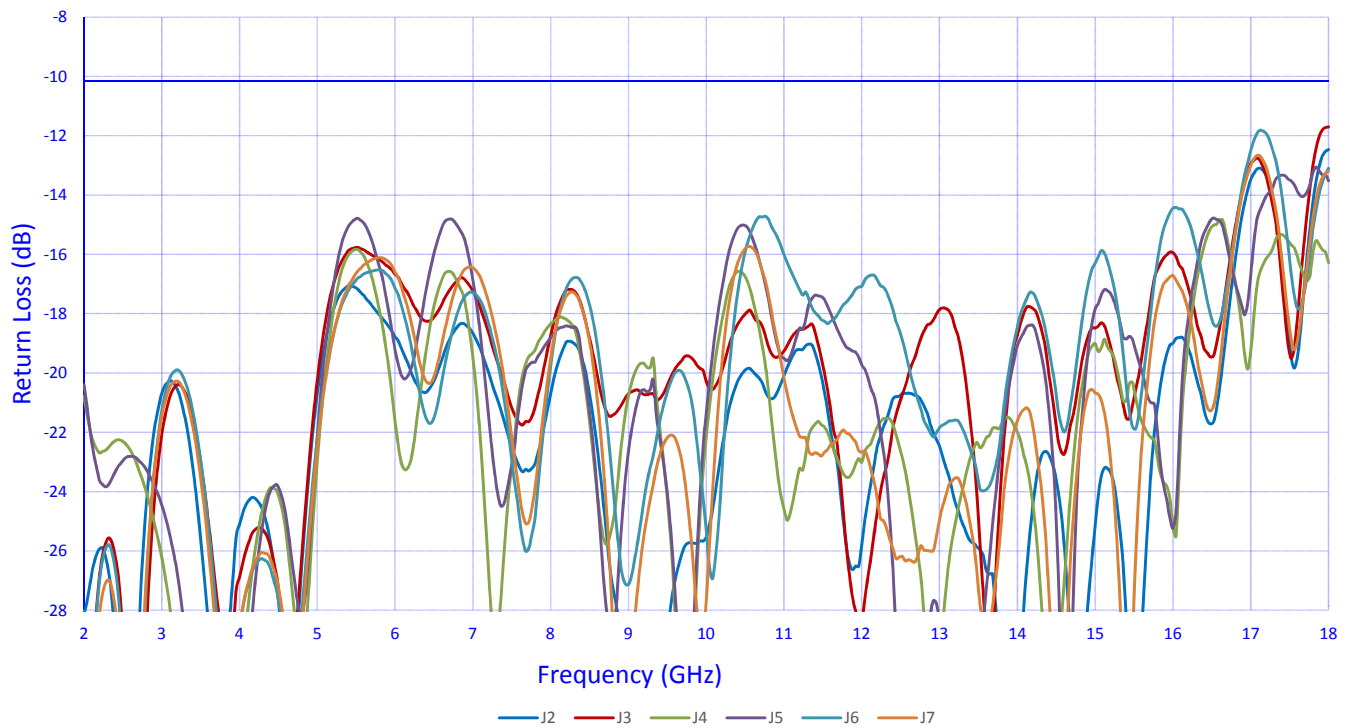


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### Input Return Loss



### Output Return Loss

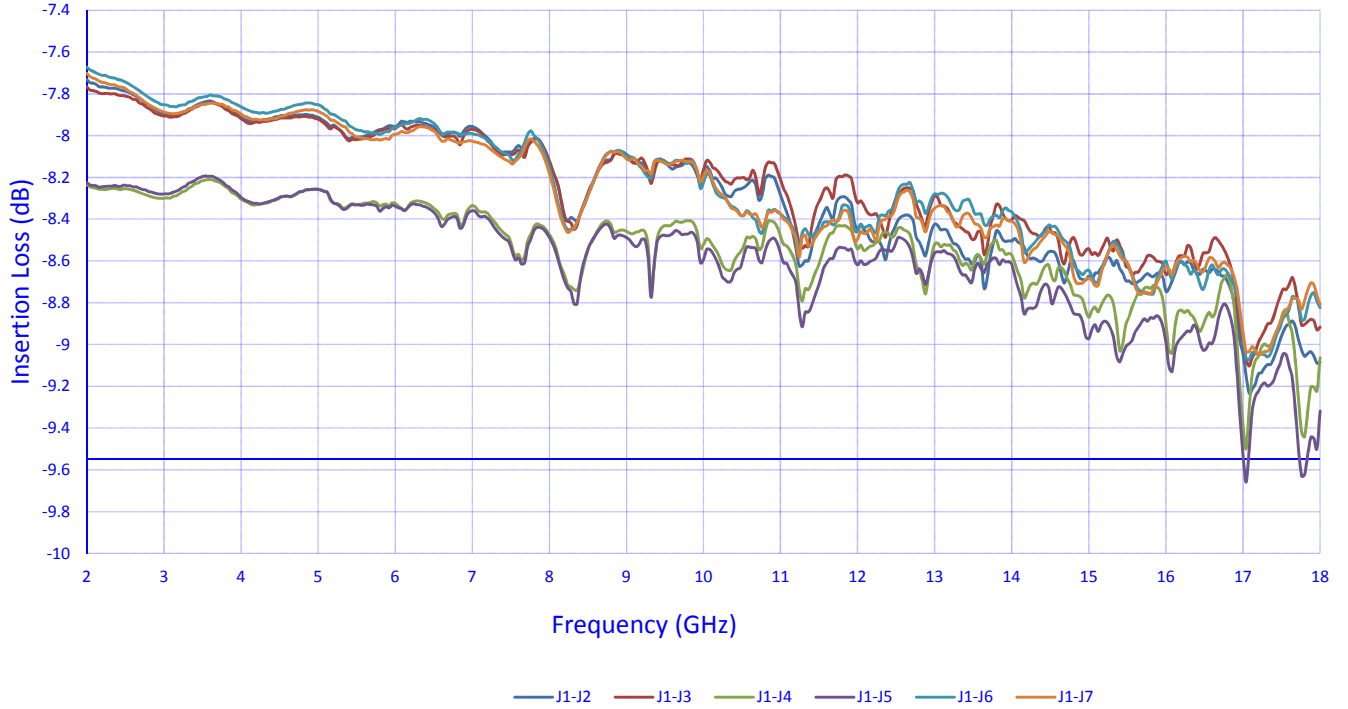




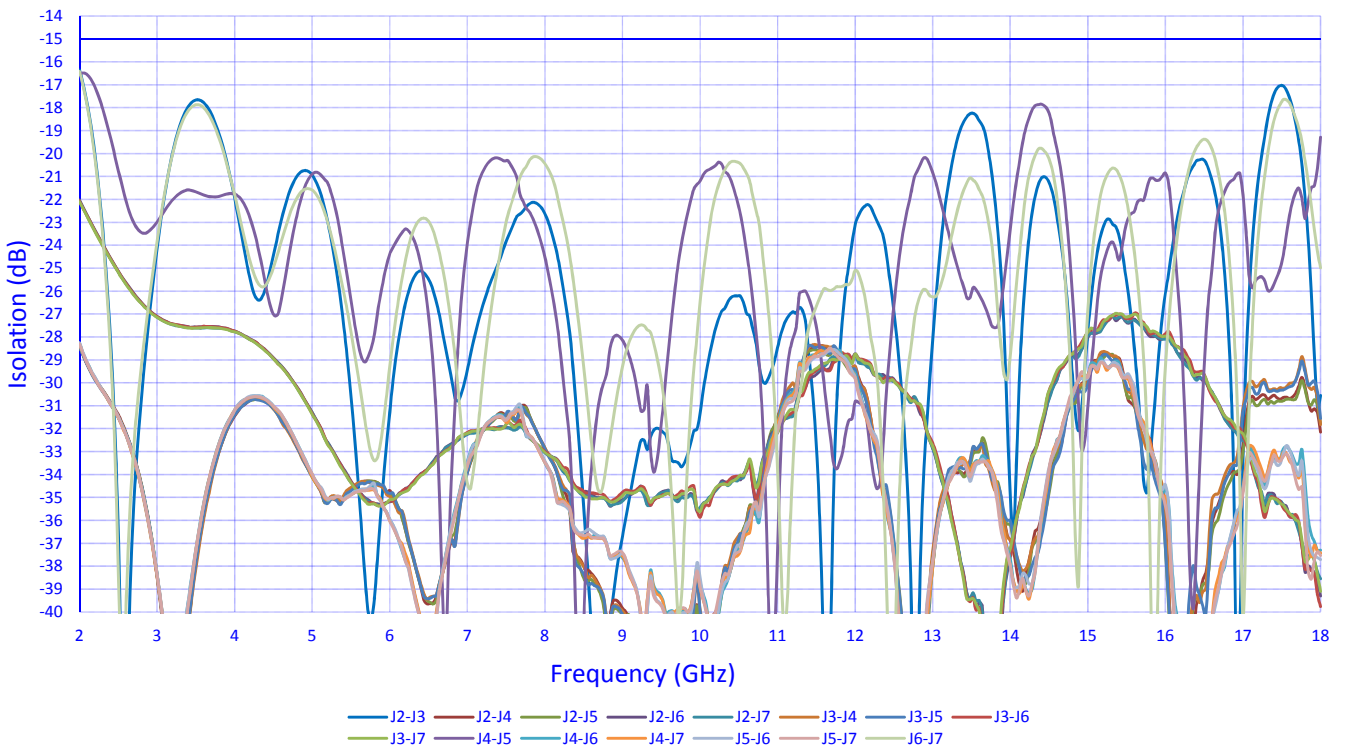
SAMPLE

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## Insertion Loss



## Isolation



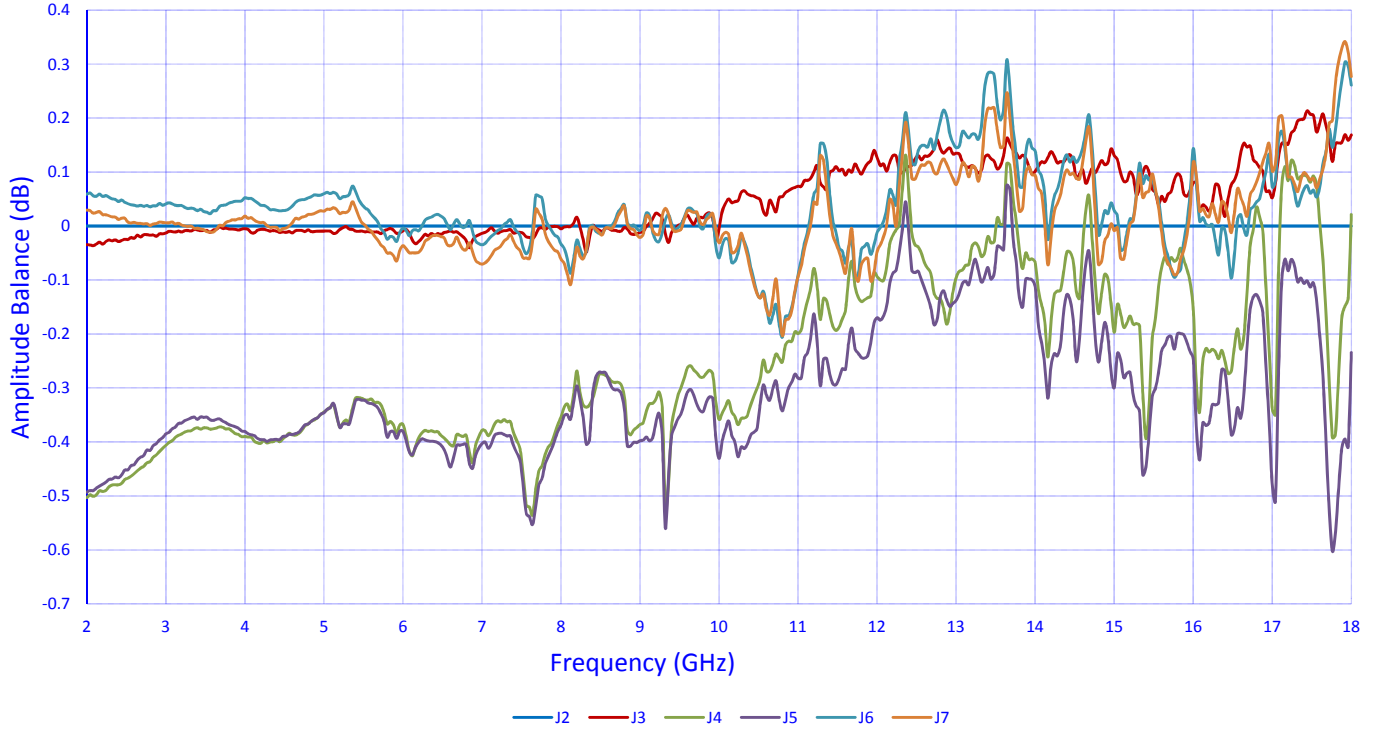




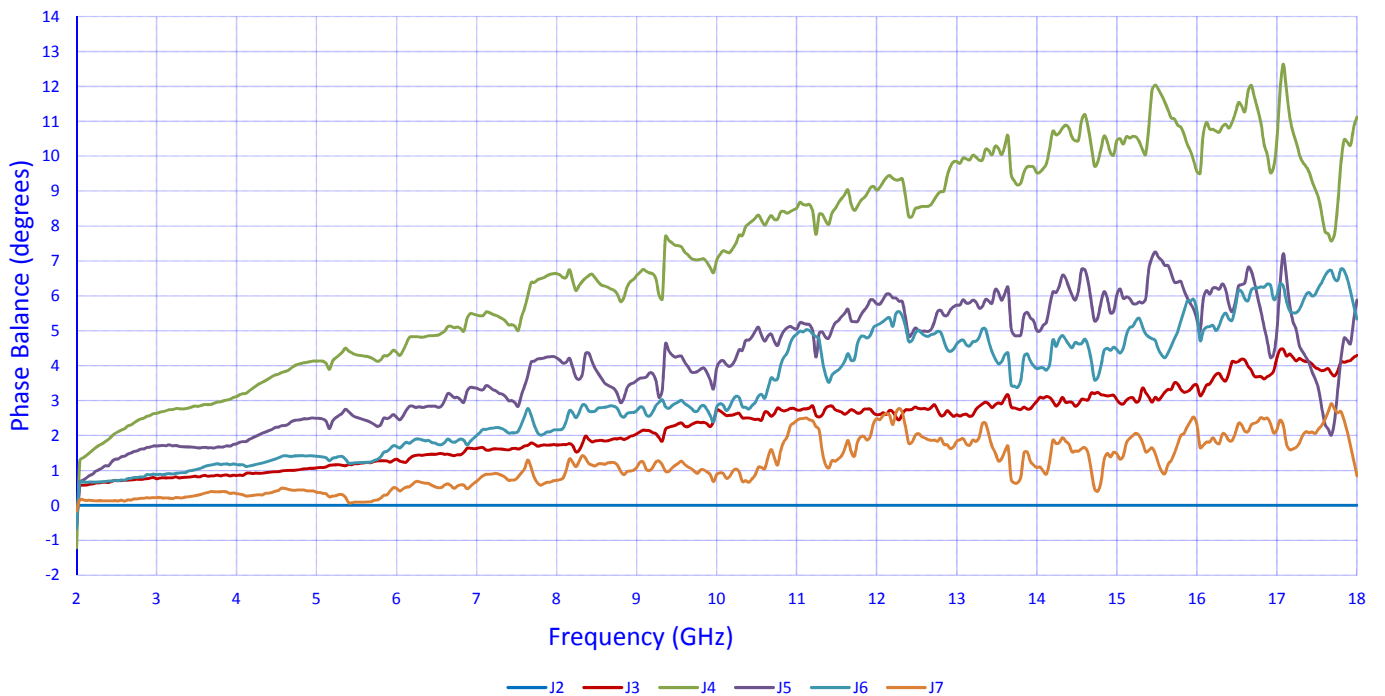
SAMPLE

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## Amplitude Balance



## Phase Balance

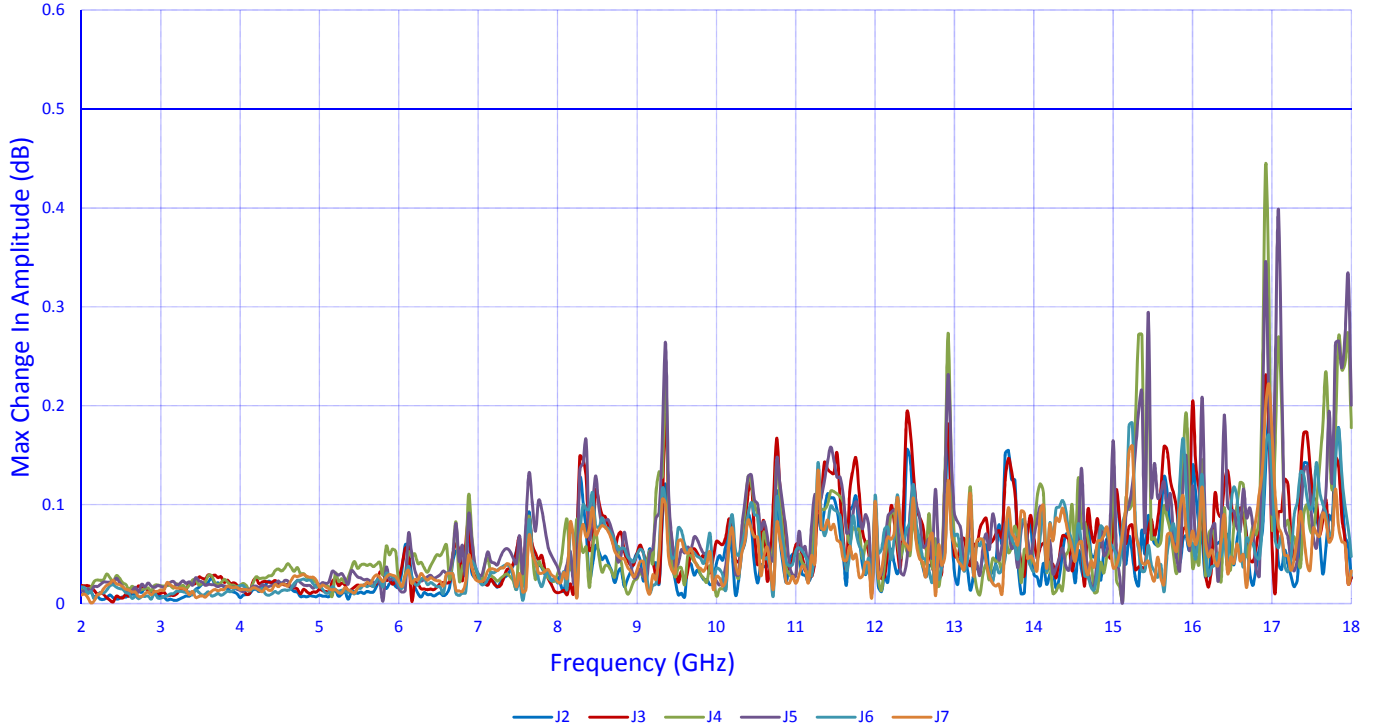




SAMPLE

# SUMMARY TEST DATA ON APD-6-2G18G-SFF-1W

### Max Amplitude Change Over Temperature Range vs Frequency



### Max Phase Change Over Temperature Range vs Frequency

