



**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

Customer: _____	Tested By: <u>K. MASON</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>APD-8-3D13D5-40W-SFF</u>	Date: <u>7/14/15</u>
Serial No: <u>PL17509/1529</u>	Drawing No: <u>27626081</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	3.1 TO 3.5 GHz	3.1 TO 3.5 GHz	
2	Insertion Loss	≤0.6 dB	0.27 dB (See Plots)	
3	Isolation	≥23 dB	23.60 dB (See Plots)	
4	VSWR	INPUT ≤1.30:1 OUTPUT ≤1.20:1	INPUT 1.21:1 OUTPUT 1.15:1 (See Plots)	
5	*Amplitude Balance	≤ ±0.2 dB	-0.07 dB +0.01 dB (See Plots)	
6	*Phase Balance	≤ ±2°	-0.65° +1.29° (See Plots)	
7	Power Handling	Forward ≤40 W Reverse ≤1 W	40 W 1 W	
8	Impedance	50 Ω	50 Ω	

*Note: Amplitude & phase balance relative to J1 Port

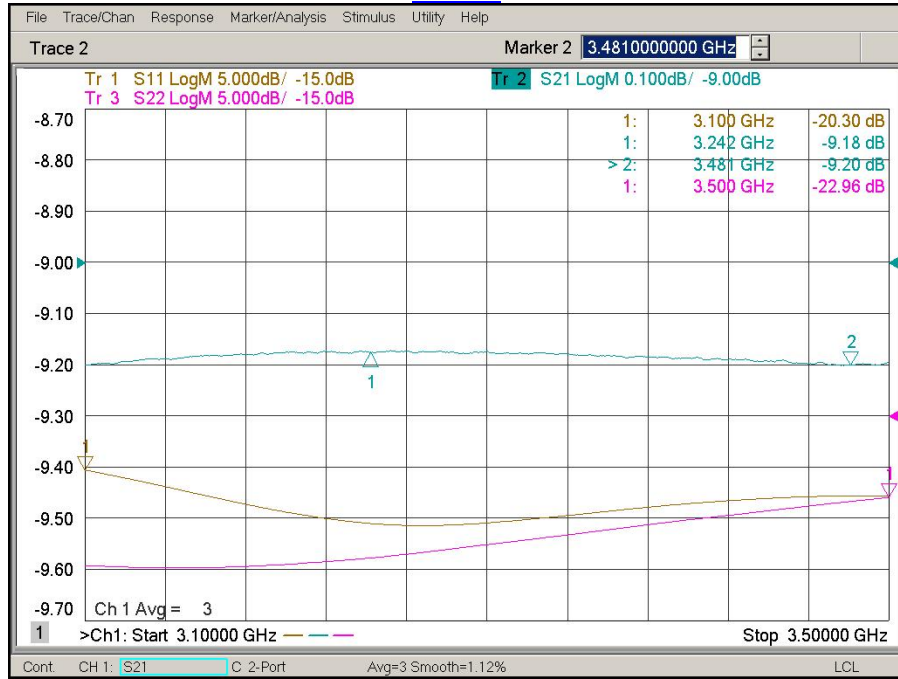
QA/QC Approval: _____ Date: _____

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

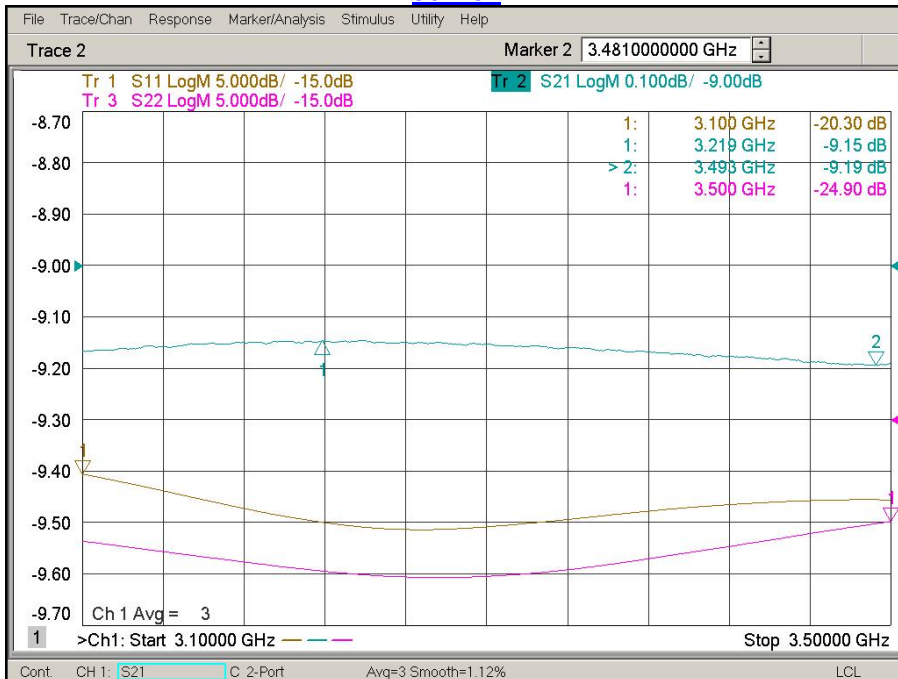


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Insertion Loss & VSWR
J0 - J1**



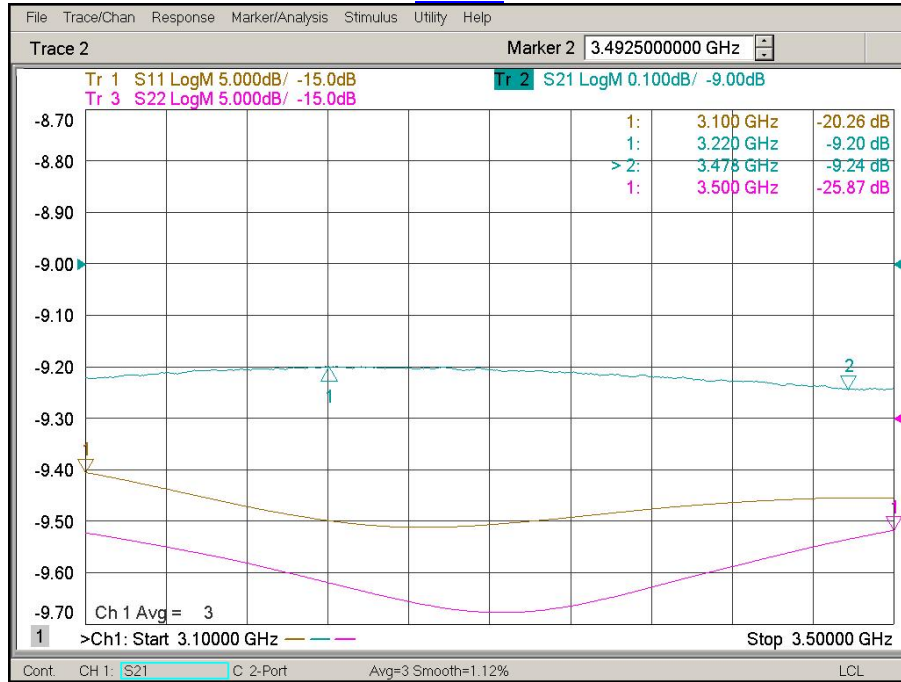
**Insertion Loss & VSWR
J0 - J2**



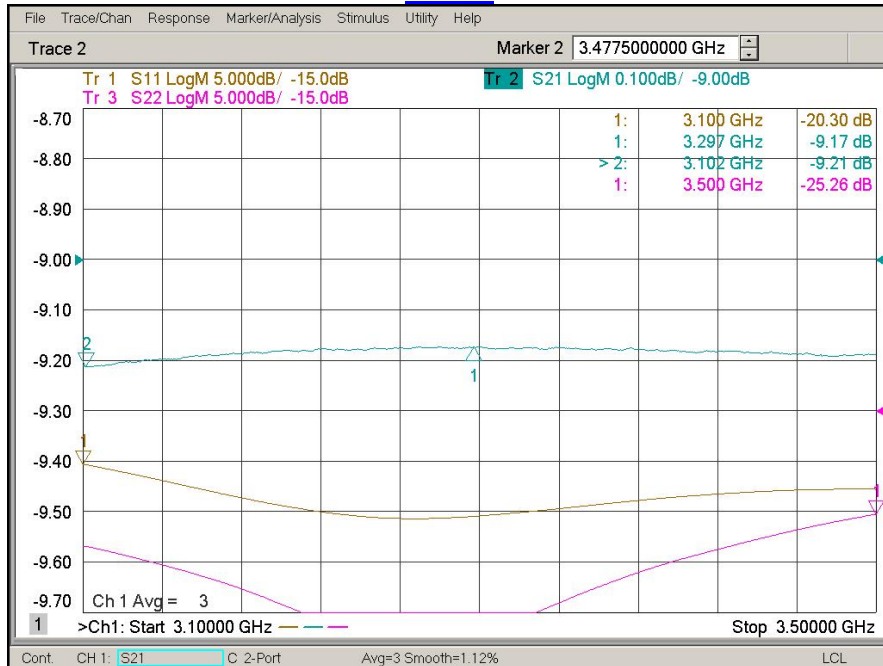


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Insertion Loss & VSWR
J0 – J3**



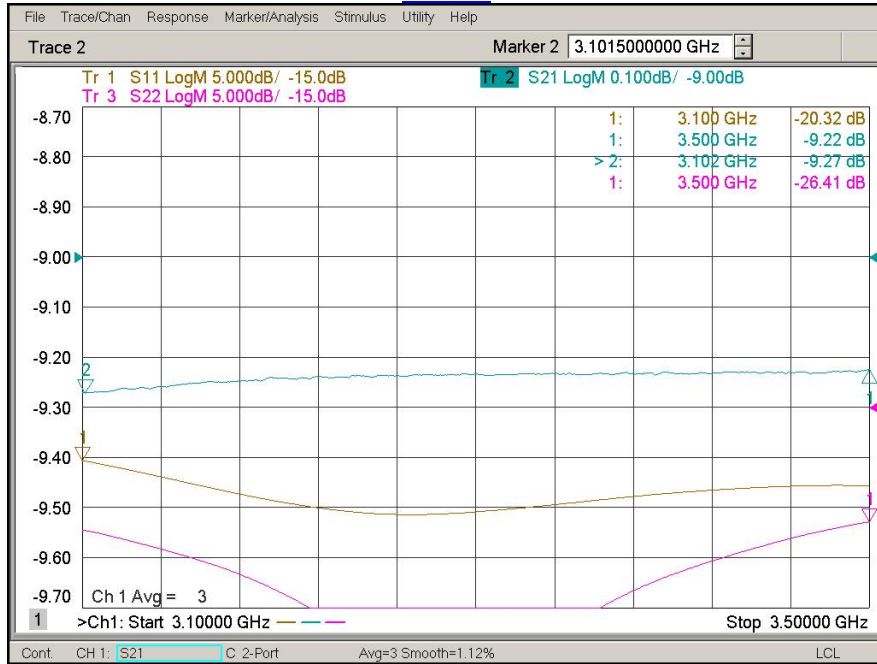
**Insertion Loss & VSWR
J0 – J4**



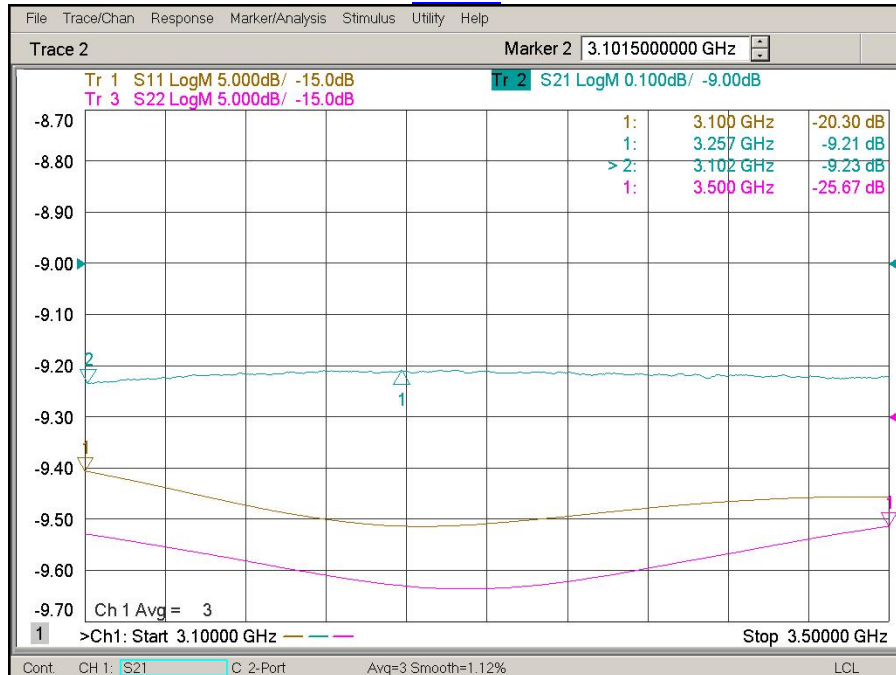


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Insertion Loss & VSWR
J0 – J5**



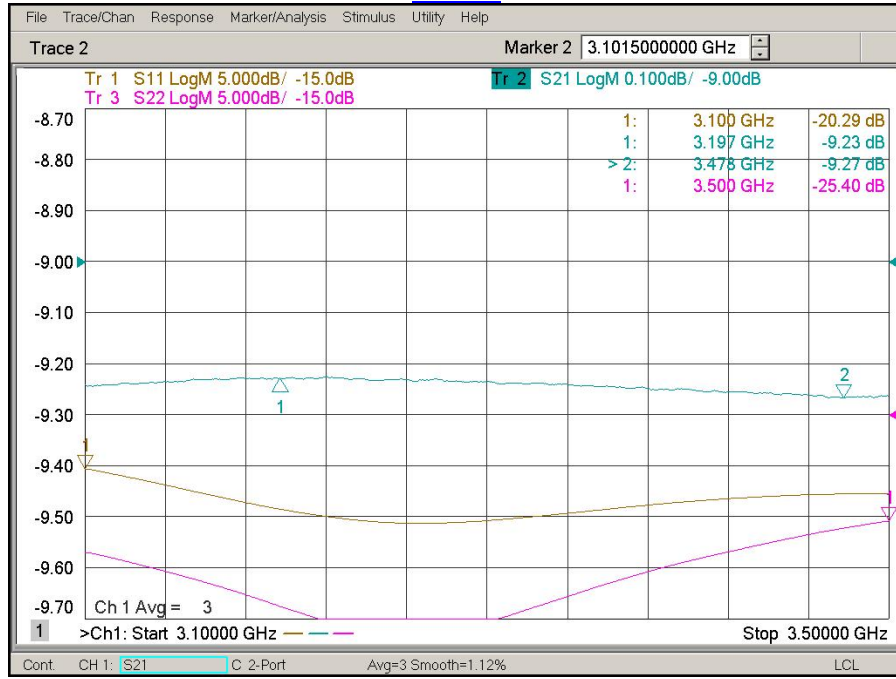
**Insertion Loss & VSWR
J0 – J6**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Insertion Loss & VSWR
J0 - J7**



**Insertion Loss & VSWR
J0 - J8**



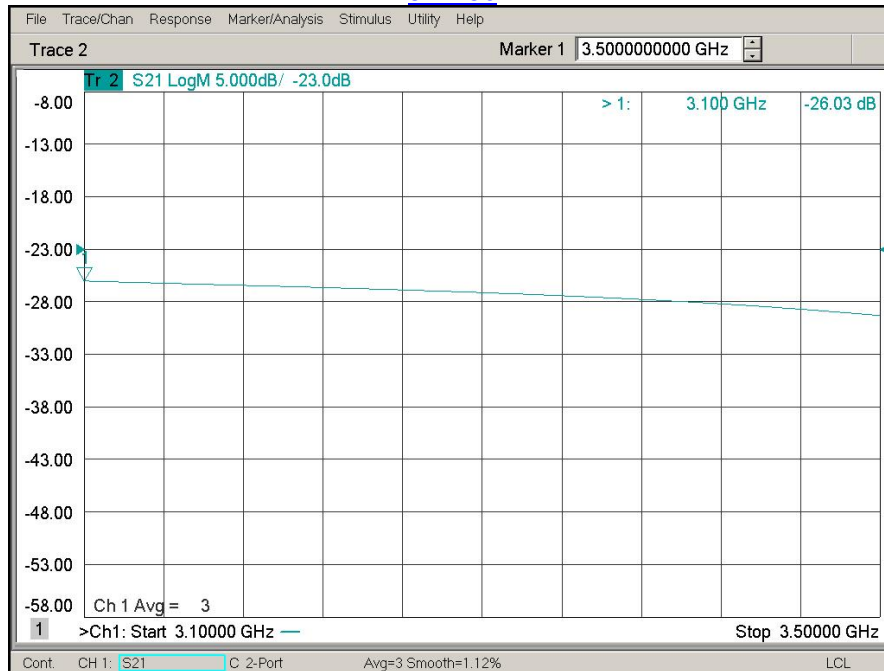


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J1 – J2**



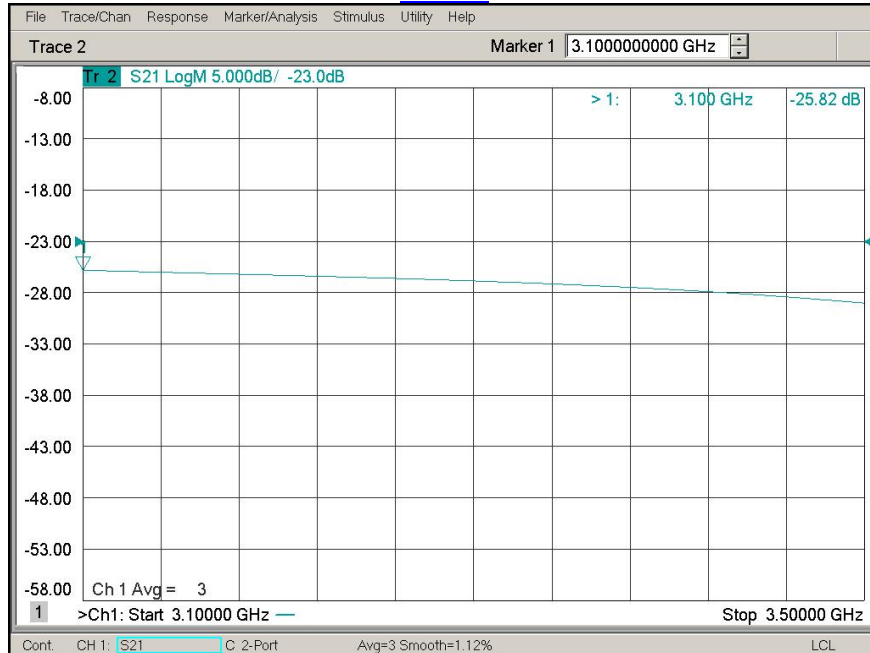
**Isolation
J1 – J3**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J1 – J4**



**Isolation
J1 – J5**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J1 – J6**



**Isolation
J1 – J7**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J1 – J8**



**Isolation
J2 – J3**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J2 - J4**



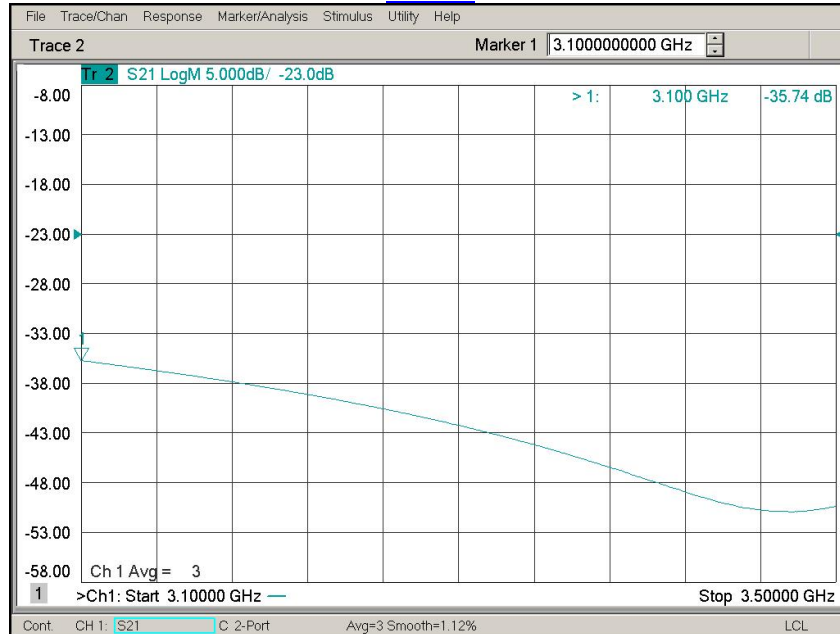
**Isolation
J2 - J5**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J2 – J6**



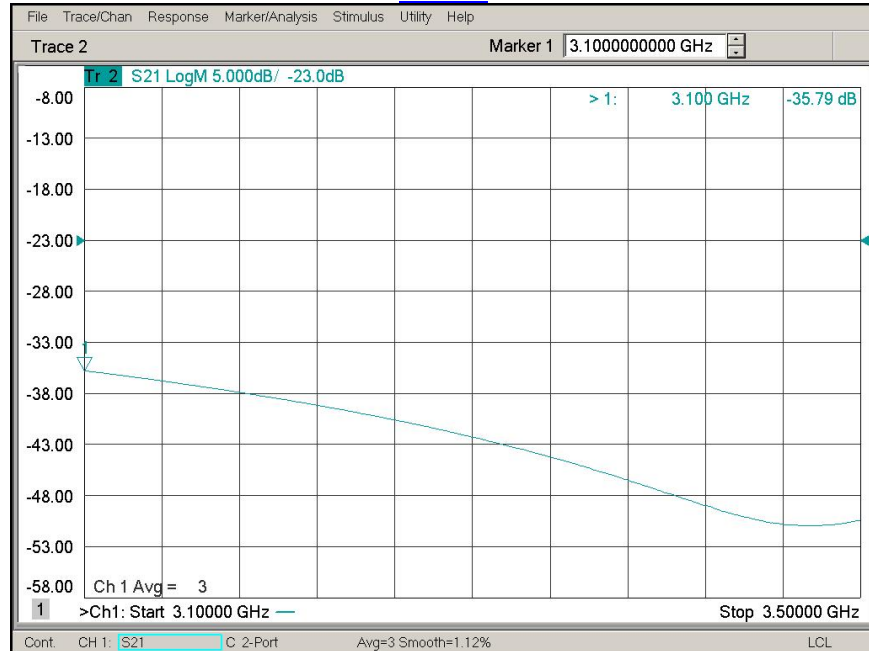
**Isolation
J2 – J7**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J2 – J8**



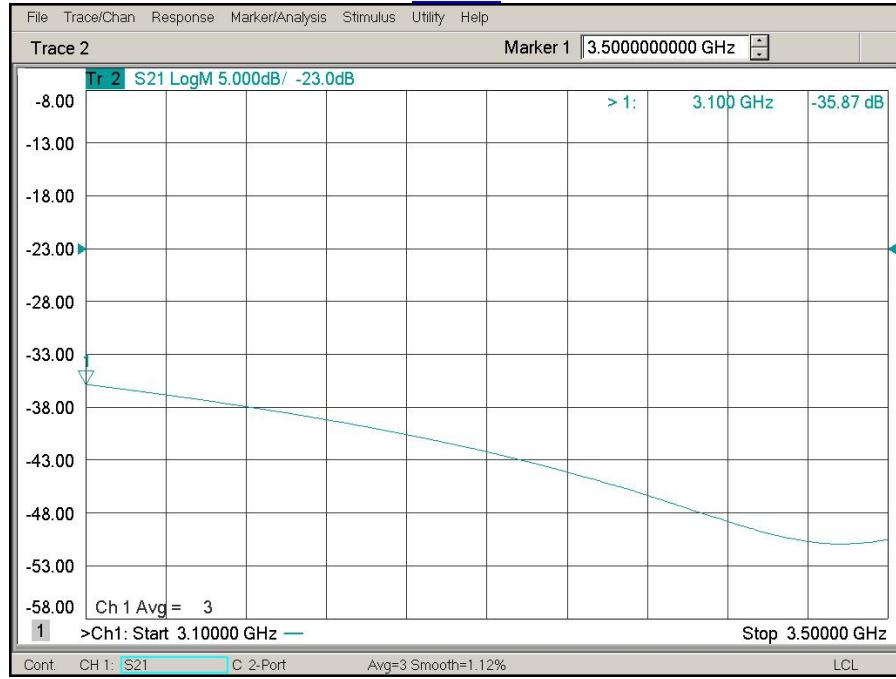
**Isolation
J3 – J4**



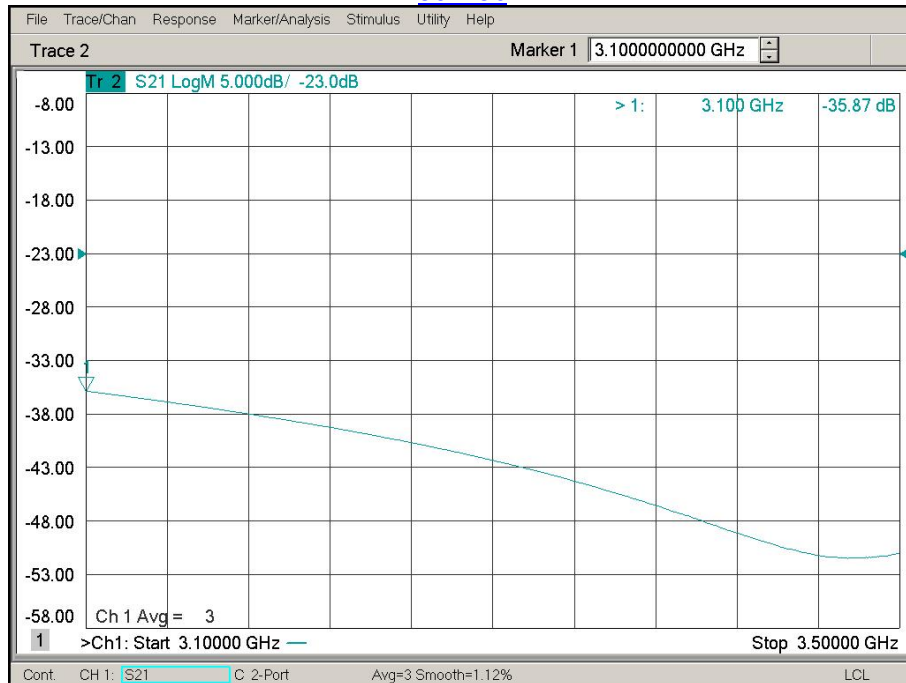


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J3 – J5**



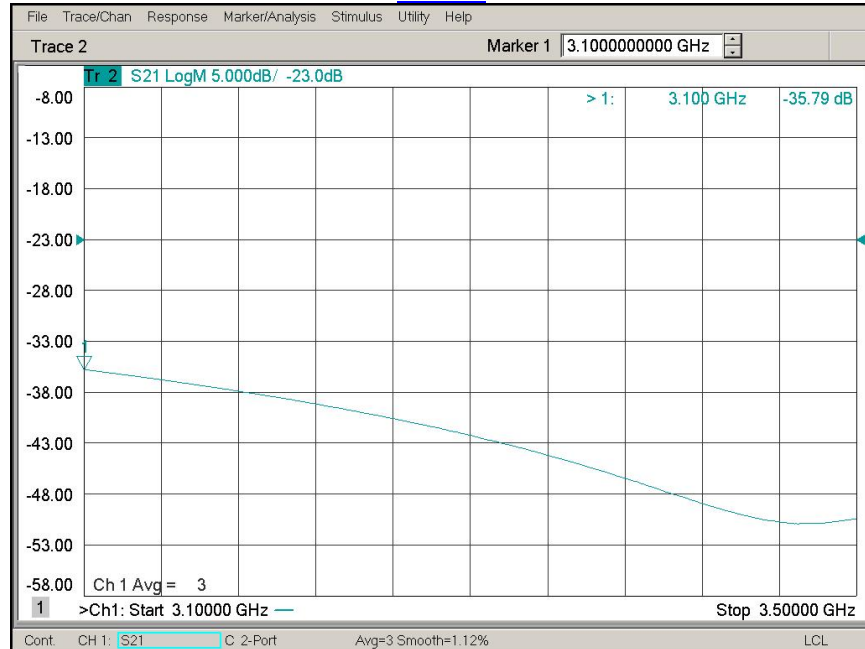
**Isolation
J3 – J6**



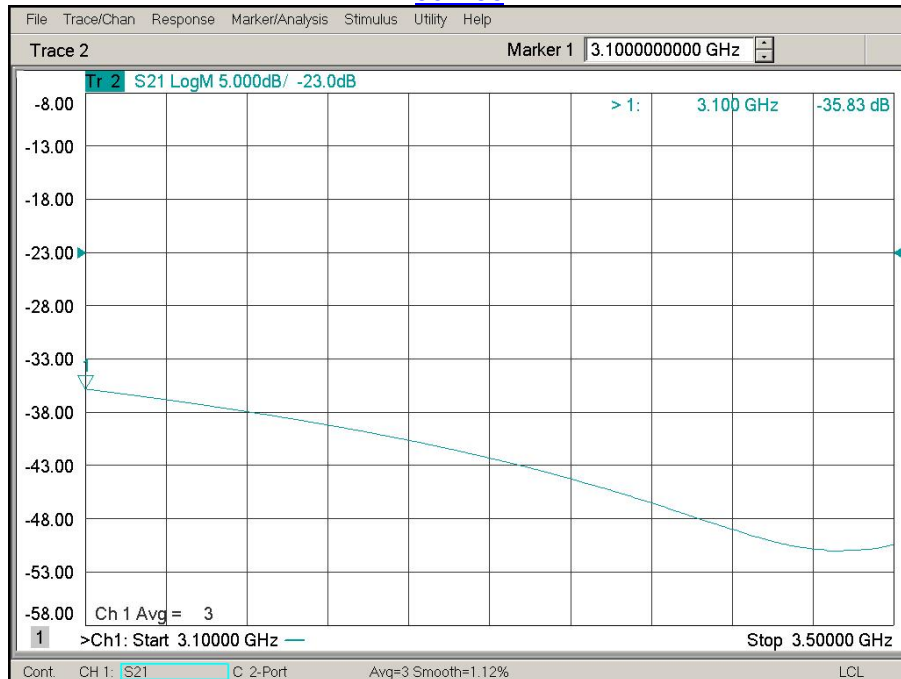


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J3 – J7**



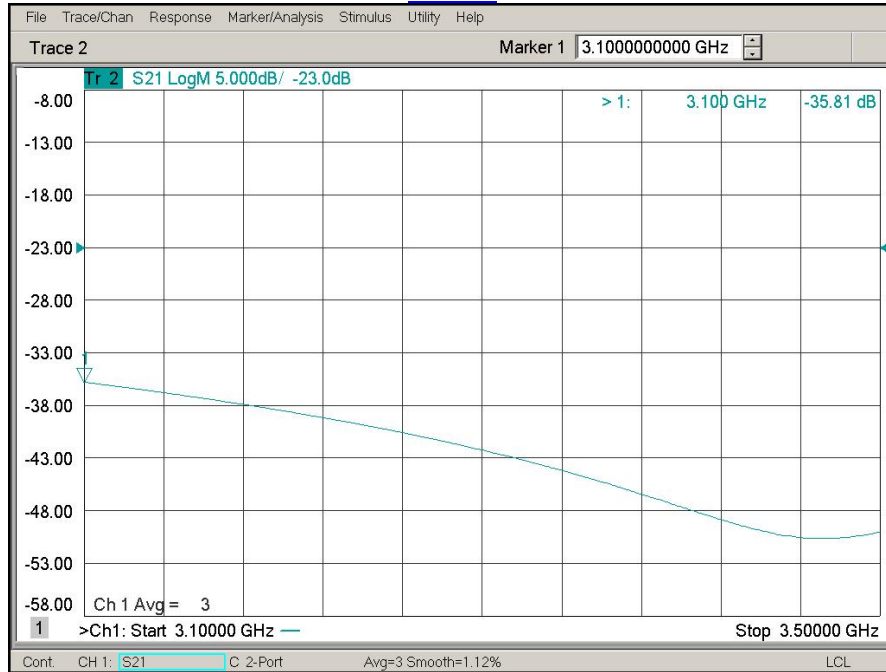
**Isolation
J3 – J8**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J4 – J5**



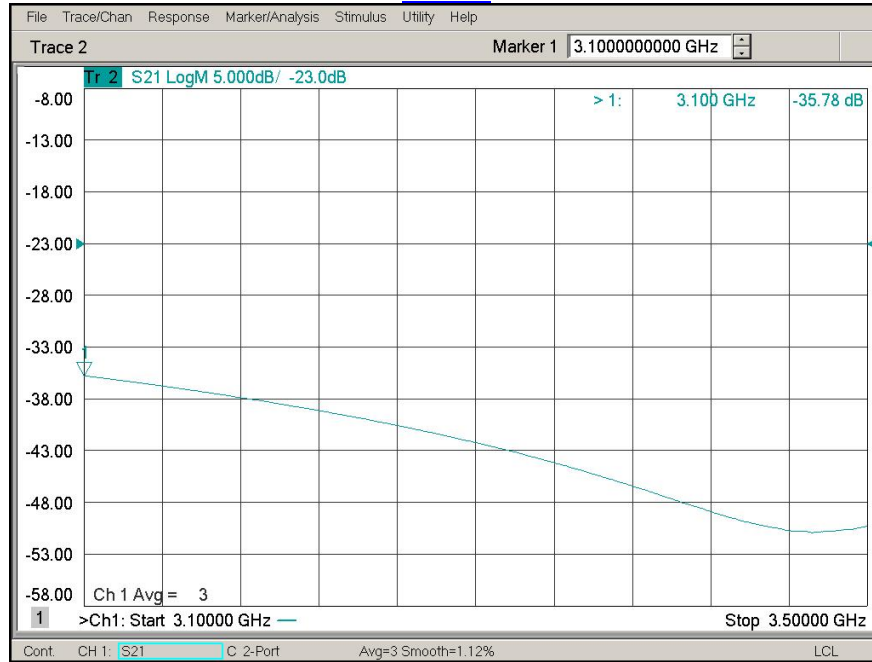
**Isolation
J4 – J6**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J4 – J7**



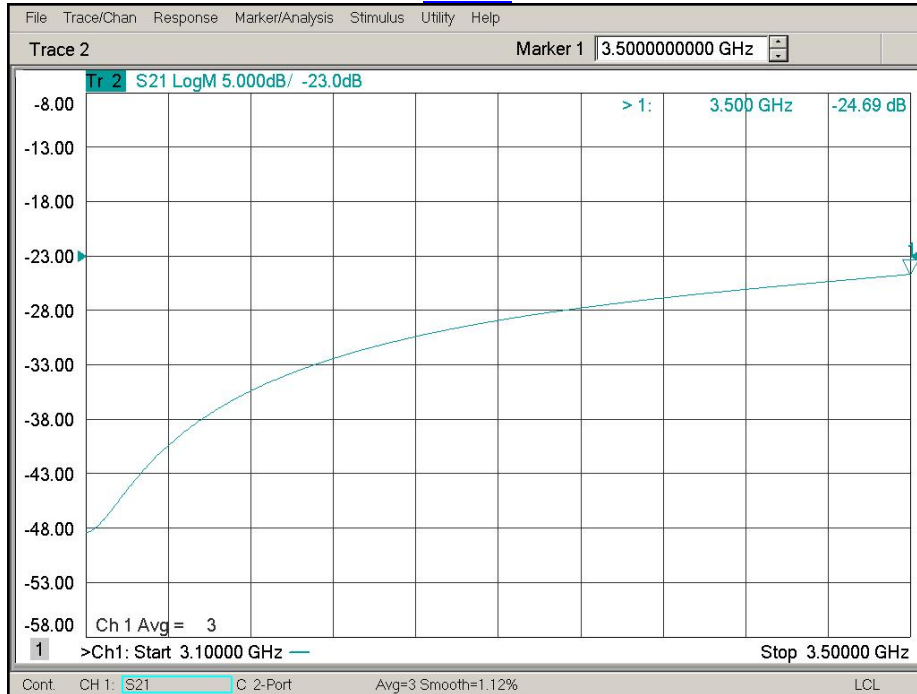
**Isolation
J4 – J8**



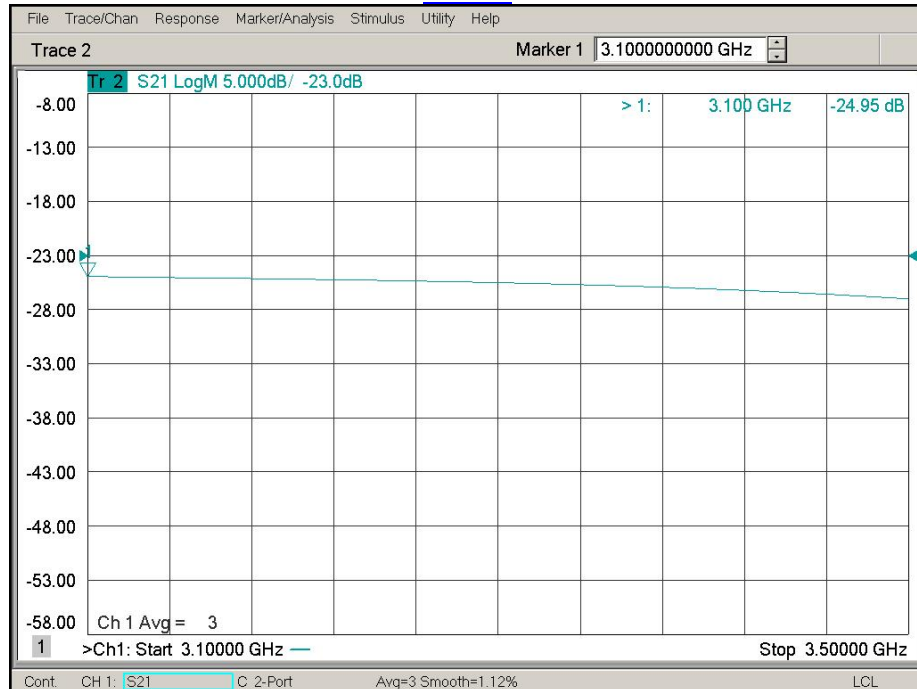


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J5 – J6**



**Isolation
J5 – J7**



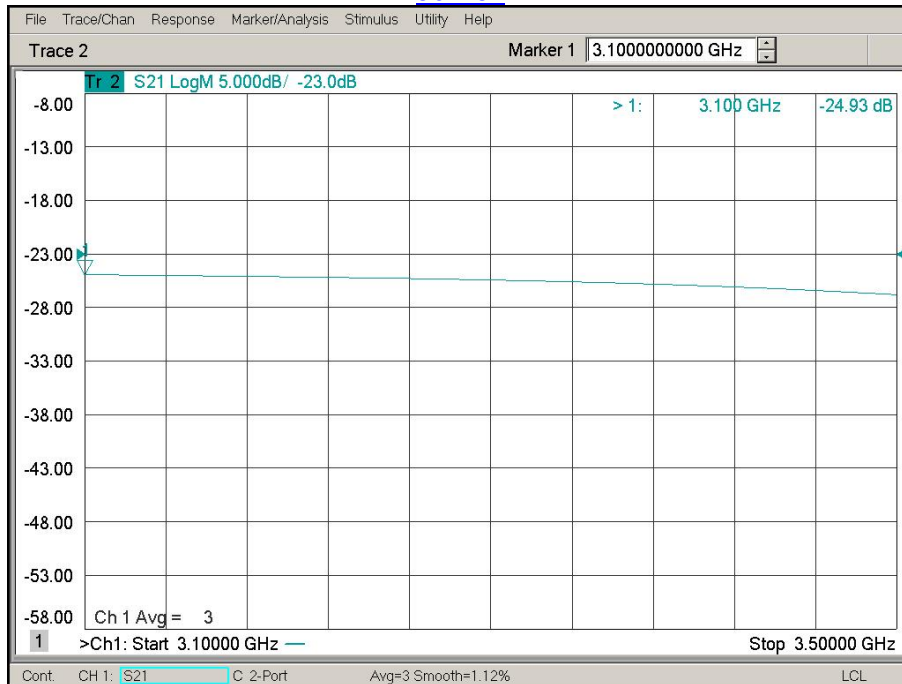


**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J5 – J8**



**Isolation
J6 – J7**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

**Isolation
J6 – J8**



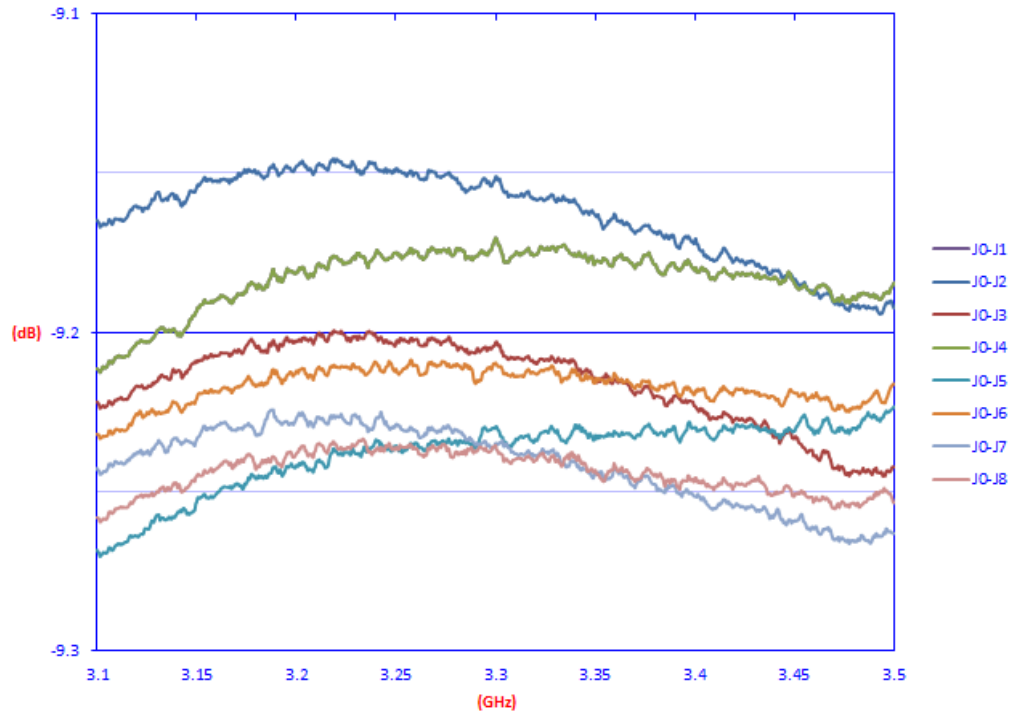
**Isolation
J7 – J8**





**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

Insertion Loss



**Amplitude Balance
(Referenced to J1)**

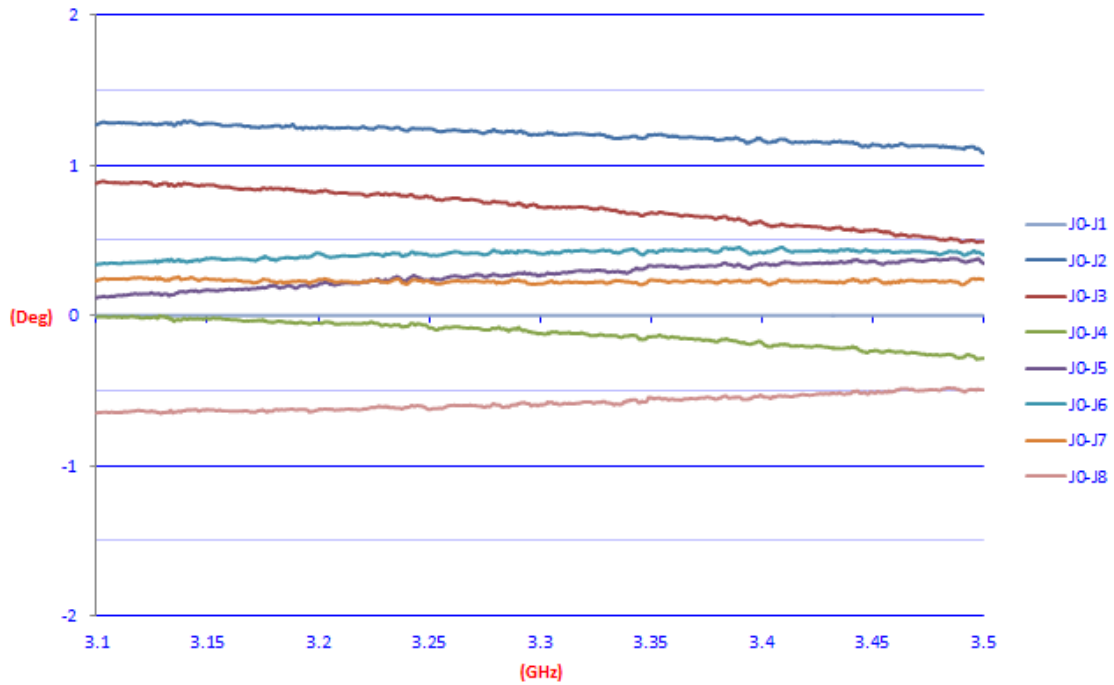




**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

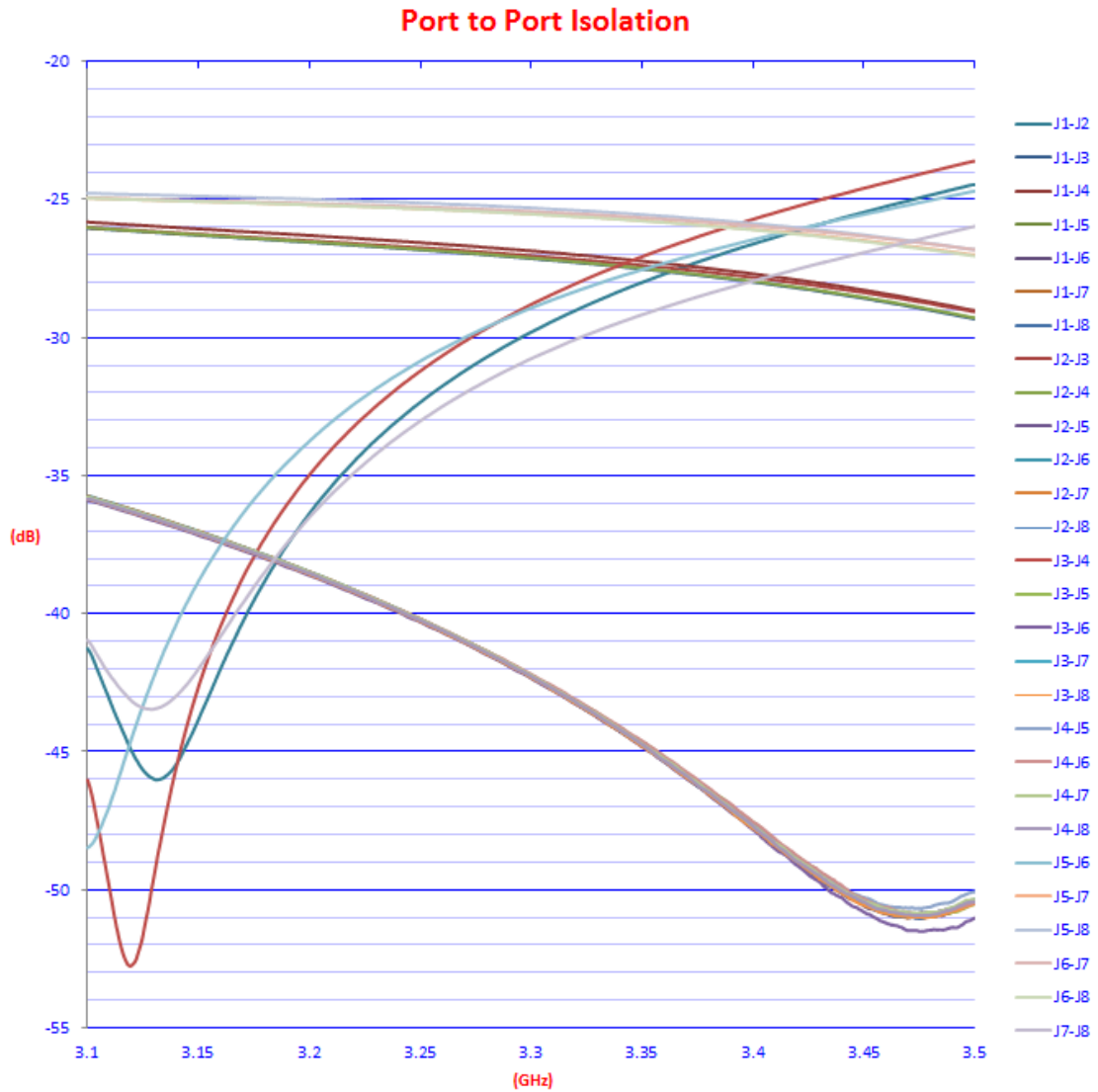
Phase Balance

(Referenced to J1)





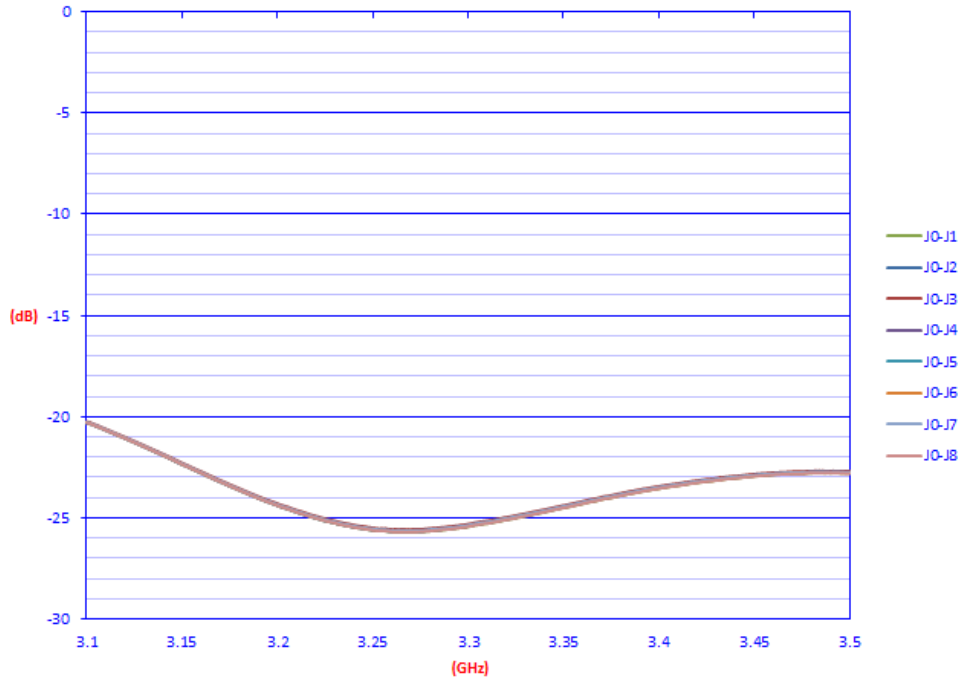
**SUMMARY TEST DATA
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**SUMMARY TEST DATA
ON
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Input VSWR



Output VSWR

