



## SUMMARY TEST DATA ON P1T-DC18-60-T-SFF-HSLVT

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P1T-DC18-60-T-SFF-HSLVT  
 Serial No: PL43104/2348

Tested By: S. O'Neill  
 Temperature: +25° C  
 Date: 11/29/2023  
 Drawing No: 27628081 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	DC to 18 GHz	0.01 GHz to 18 GHz	PMI QA2
2	Insertion Loss	4.5 dB Max.	3.5 dB	
3	Isolation	60 dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 GHz - 18 GHz)	10 MHz - 12 GHz: 61.8 dB 12 GHz - 18 GHz: 79.8 dB	
4	Leakage	60 dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 GHz - 18 GHz)	10 MHz - 12 GHz: 85.8 dB 12 GHz - 18 GHz: > 85 dB	
5	VSWR: In/Out	2:1 Max.	1.44:1 In 1.52:1 Out	
6	DC SUPPLY	-5VDC @ 25 mA Max.	-5VDC @ 16mA	
7	Control Signal	TTL LOGIC '0' : Insertion Loss '1' : Isolation	PASS	PMI QA2

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

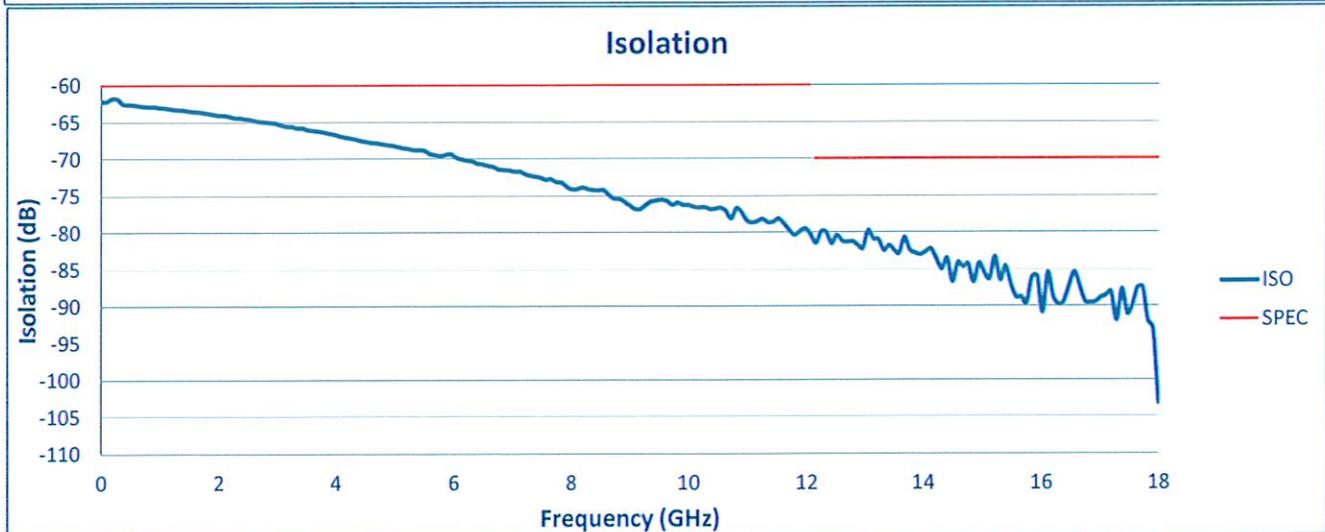
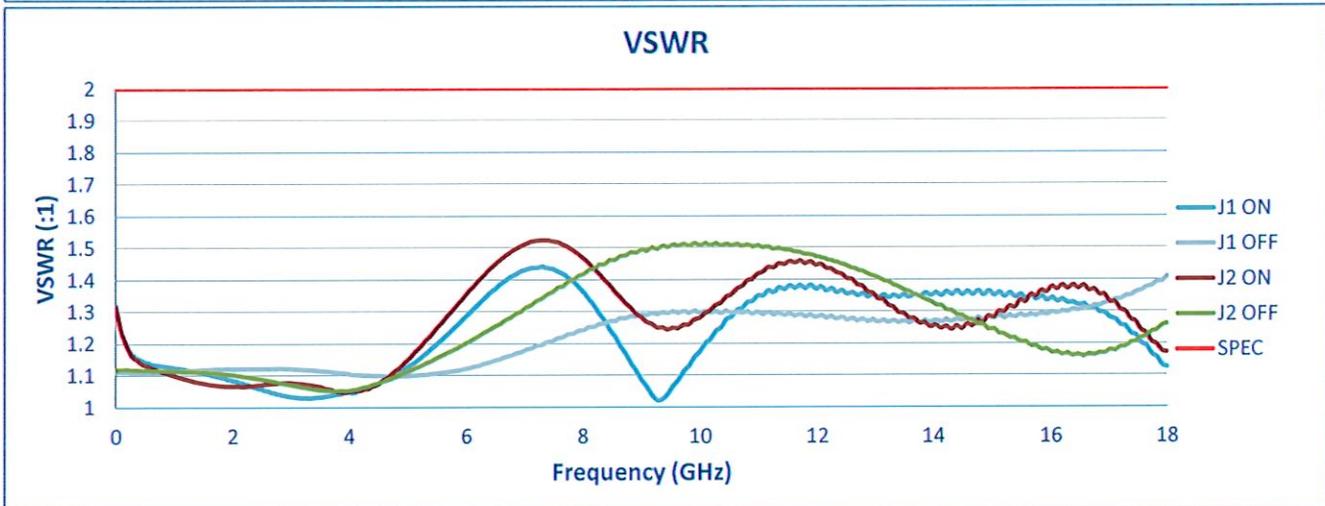
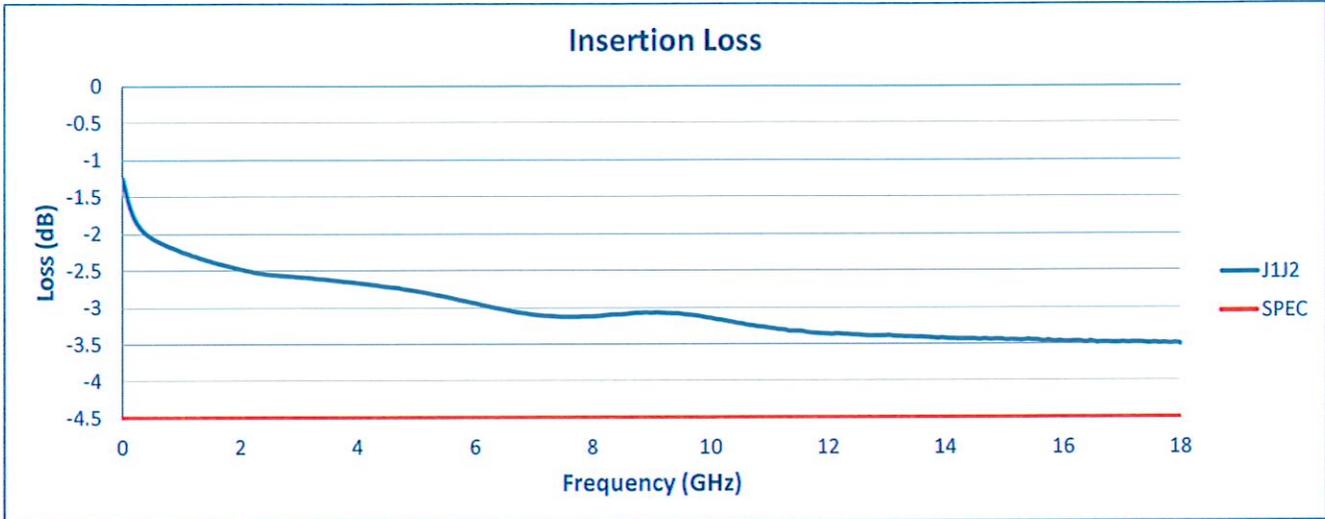
*Camryn Kelley*

PMI  
QA2

Date: 11/30/23

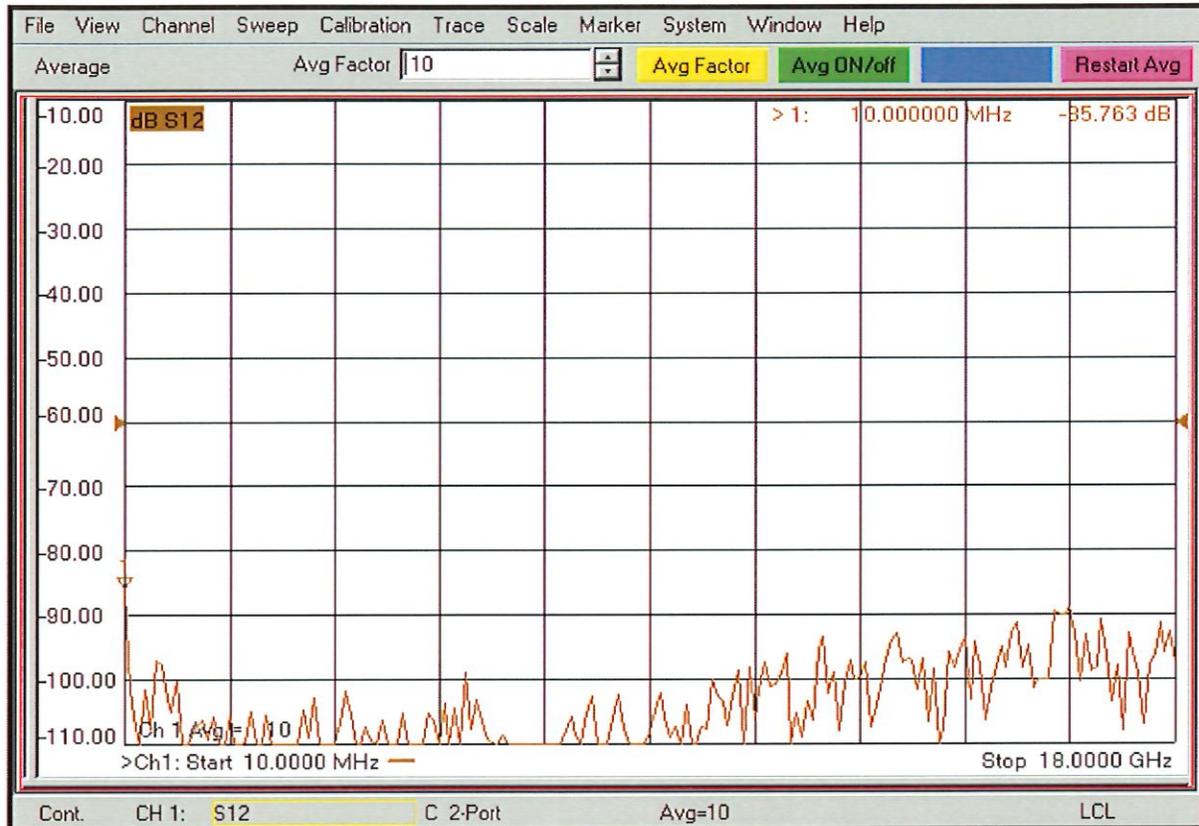
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**Leakage**



**Test Notes:**

- Connect Port 1 of PNA to input to DUT
- Terminate RF output of DUT to 50 Ohms
- Use Port 2 of PNA and perform "sniff" test around CTRL and DC lines
- Plot worst case (must meet RF Leakage specifications)