

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

Customer: \_\_\_\_\_ Tested By: K. Wagaman  
 SO No: \_\_\_\_\_ Temperature: +25° C  
 Model No: P1T-DC18-60-T-SFF-HSLVT Date: 3/3/2023  
 Serial No: PL34231/2140 Drawing No: 27628081 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range	0 GHz to 18 GHz	0 GHz to 18 GHz	PMI QA2	
2	Insertion Loss	4.5 dB Max.	3.6 dB		
3	Isolation	60 dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 MHz - 18 GHz)	10 MHz - 12 GHz: 59.1 dB 12 GHz - 18 GHz: 74.1 dB		
4	Leakage	60 dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 MHz - 18 GHz)	10 MHz - 12 GHz: 66.8 dB 12 GHz - 18 GHz: 83.4 dB		
5	VSWR: In/Out	2:1 Max.	1.78:1 In 1.81:1 Out		
6	DC SUPPLY	-5VDC @ 25 mA Max.	-5VDC @ 20mA		
7	Control Signal	TTL LOGIC '0' : Insertion Loss '1' : Isolation	PASS		PMI QA2

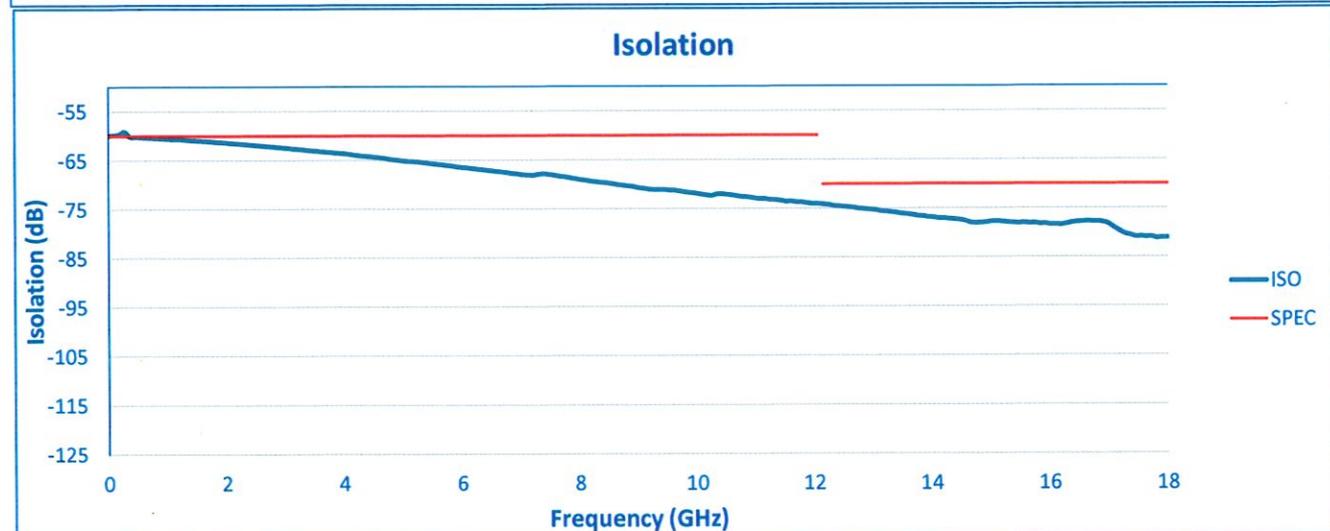
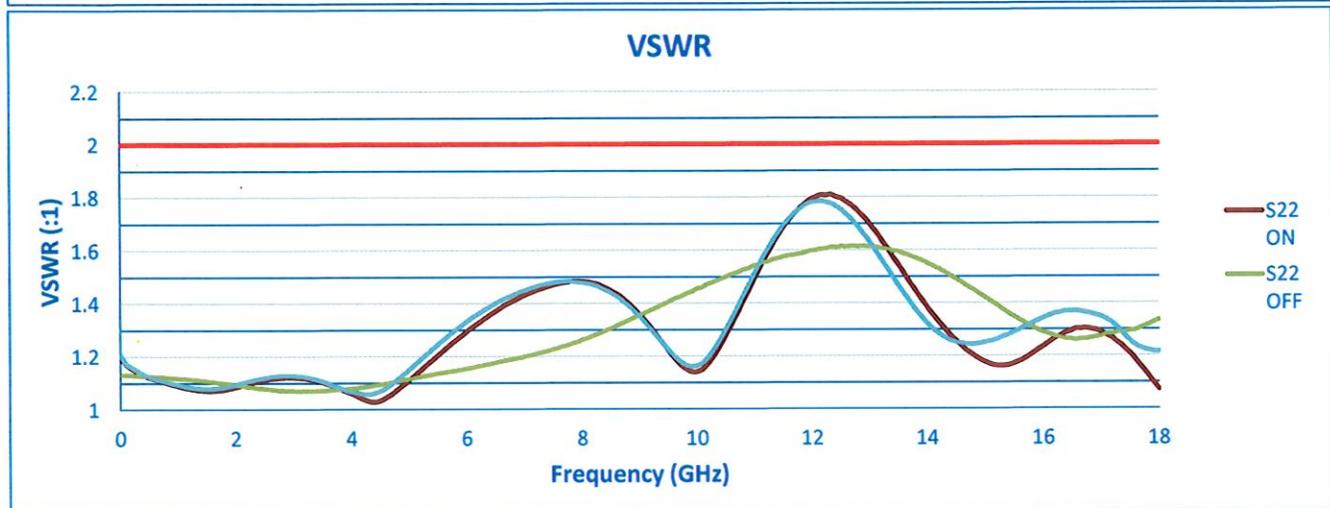
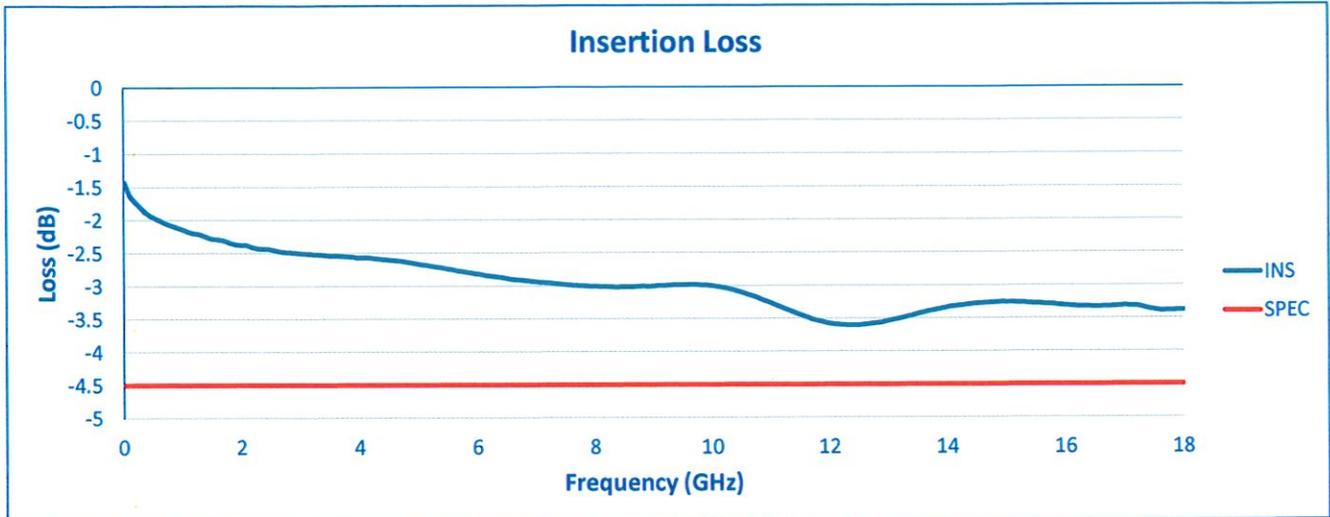
QA/QC Approval: 

PMI  
QA2

Date: 3/3/2023

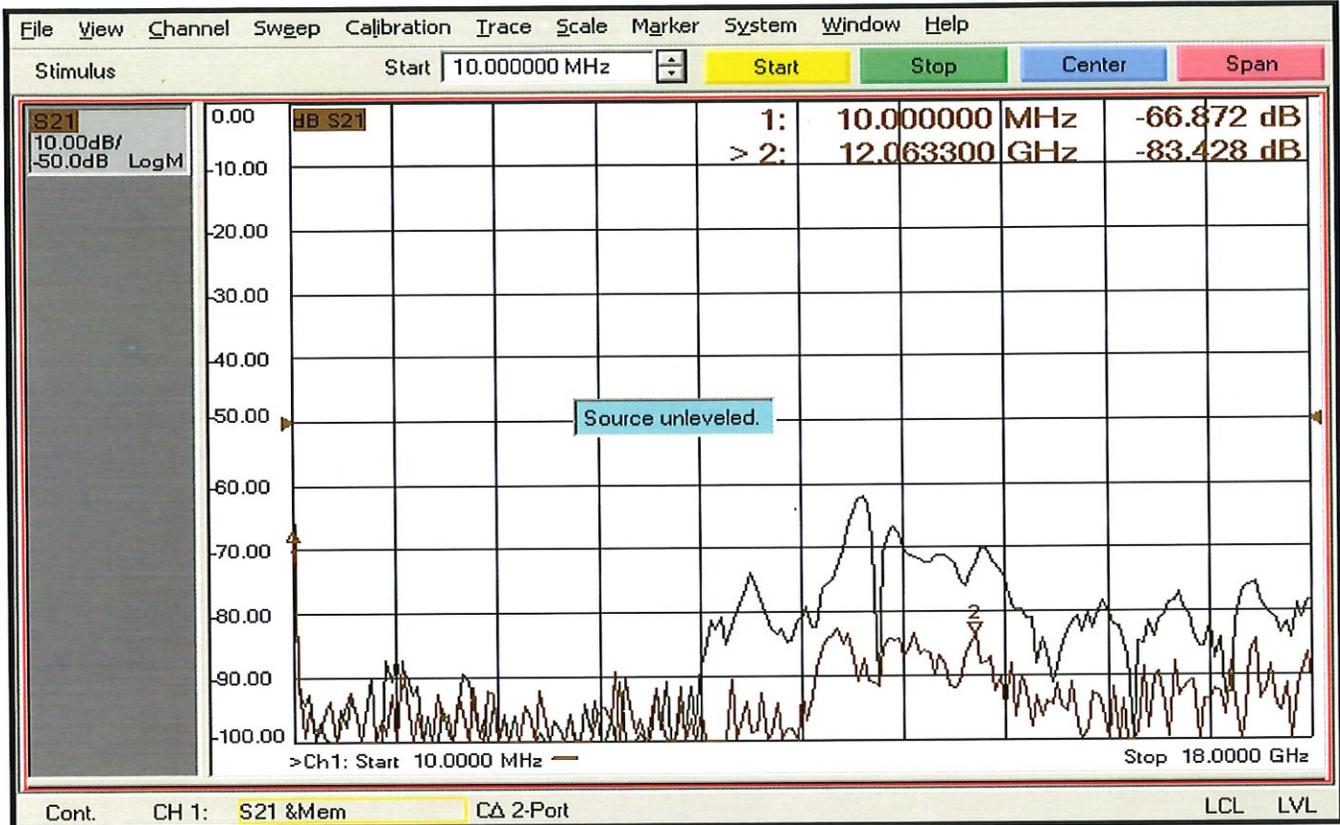
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PL34231/2140



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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)