

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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P1T-DC18-60-T-SFF-HSLVT  
 Serial No: PL42440/2341

Tested By: K. Wagaman  
 Temperature: +25° C  
 Date: 10/10/2023  
 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.	3.5 dB		
3	Isolation	60 dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 MHz - 18 GHz)	10 MHz - 12 GHz: 61 dB 12 GHz - 18 GHz: 79.4 dB		
4	Leakage	60 dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 MHz - 18 GHz)	10 MHz - 12 GHz: 63.3 dB 12 GHz - 18 GHz: 86.6 dB		
5	VSWR: In/Out	2:1 Max.	1.64:1 In 1.67:1 Out		
6	DC SUPPLY	-5VDC @ 25 mA Max.	-5VDC @ 20mA		
7	Control Signal	TTL LOGIC '0' : Insertion Loss '1' : Isolation	PASS		PMI QA2

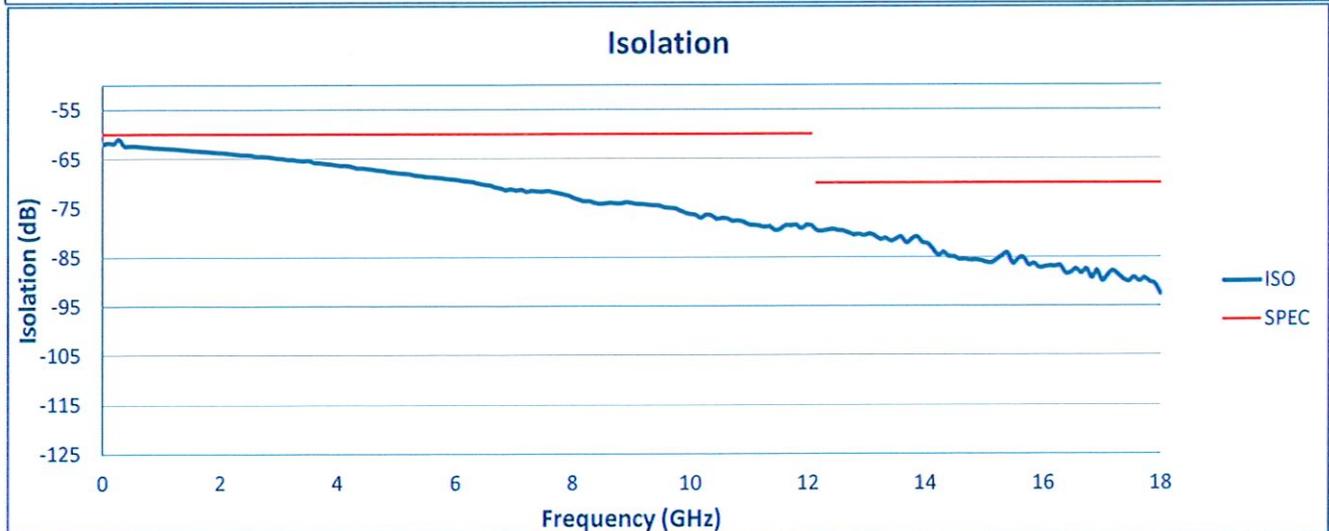
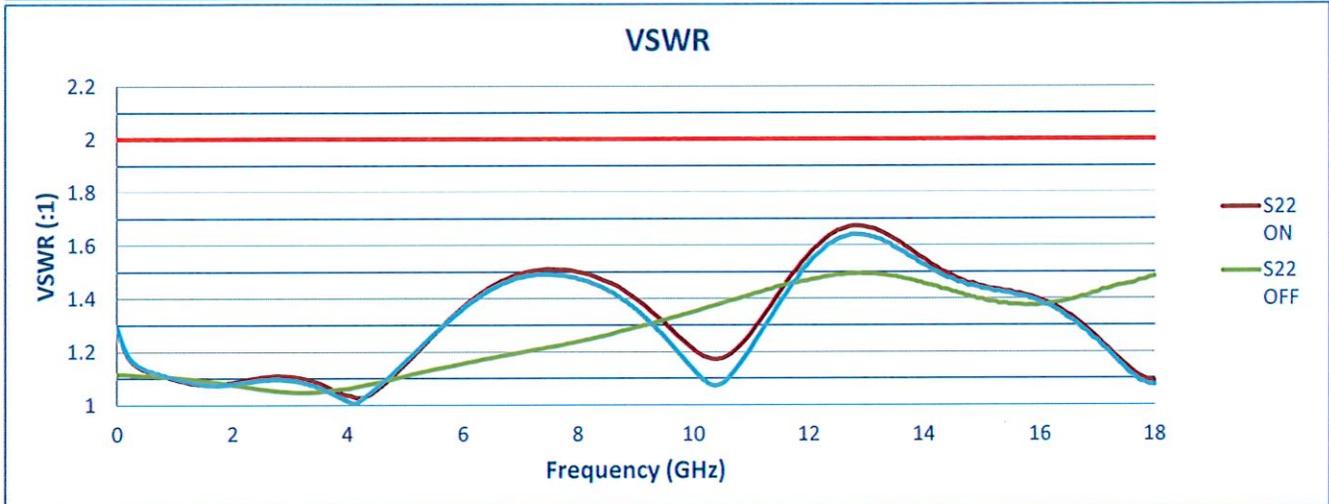
QA/QC Approval:  PMI  
QA2

Date: 10/10/2023

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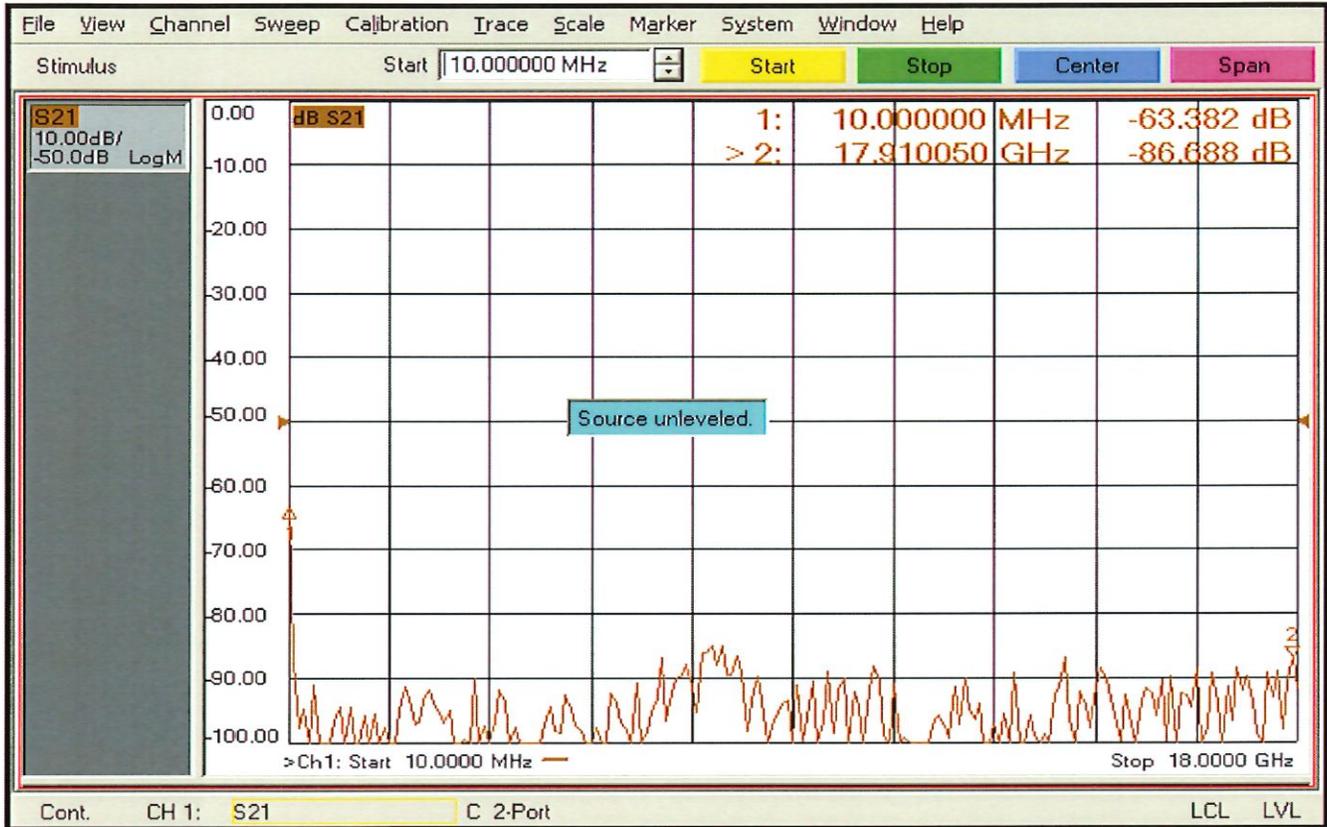
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**Leakage**



**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)