

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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P1T-DC18-60-T-SFF-HSLVT  
 Serial No: PL46971/2426

Tested By: K. Wagaman  
 Temperature: +25° C  
 Date: 6/28/2024  
 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<br>QA4 |
| 2             | Insertion Loss  | 4.5 dB Max.  | 3.4 dB   |            |
| 3             | Isolation       | 60 dB Min. (10 MHz - 12 GHz)<br>70 dB Min. (12 MHz - 18 GHz) | 10 MHz - 12 GHz: 62.4 dB<br>12 GHz - 18 GHz: 83.6 dB |            |
| 4             | Leakage         | 60 dB Min. (10 MHz - 12 GHz)<br>70 dB Min. (12 MHz - 18 GHz) | 10 MHz - 12 GHz: 81.1 dB<br>12 GHz - 18 GHz: 86.7 dB |            |
| 5             | VSWR: In/Out    | 2:1 Max.   | 1.54:1 In<br>1.56:1 Out                              |            |
| 6             | DC SUPPLY       | -5VDC @ 25 mA Max.   | -5VDC @ 20mA   |            |
| 7             | Control Signal  | TTL LOGIC<br>'0' : Insertion Loss<br>'1' : Isolation         | PASS   | PMI<br>QA4 |

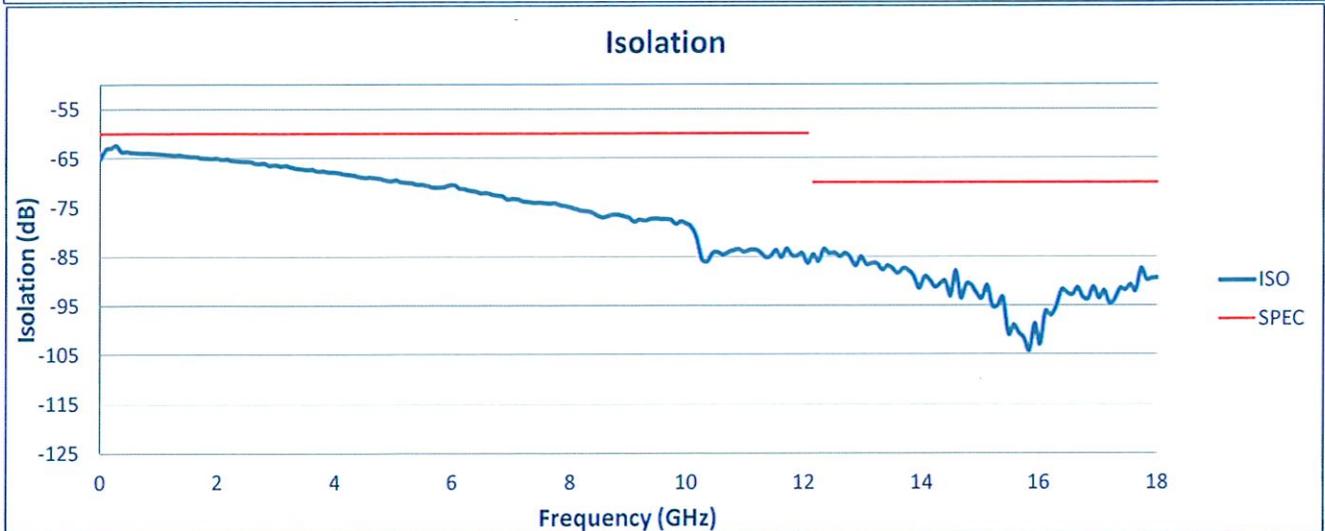
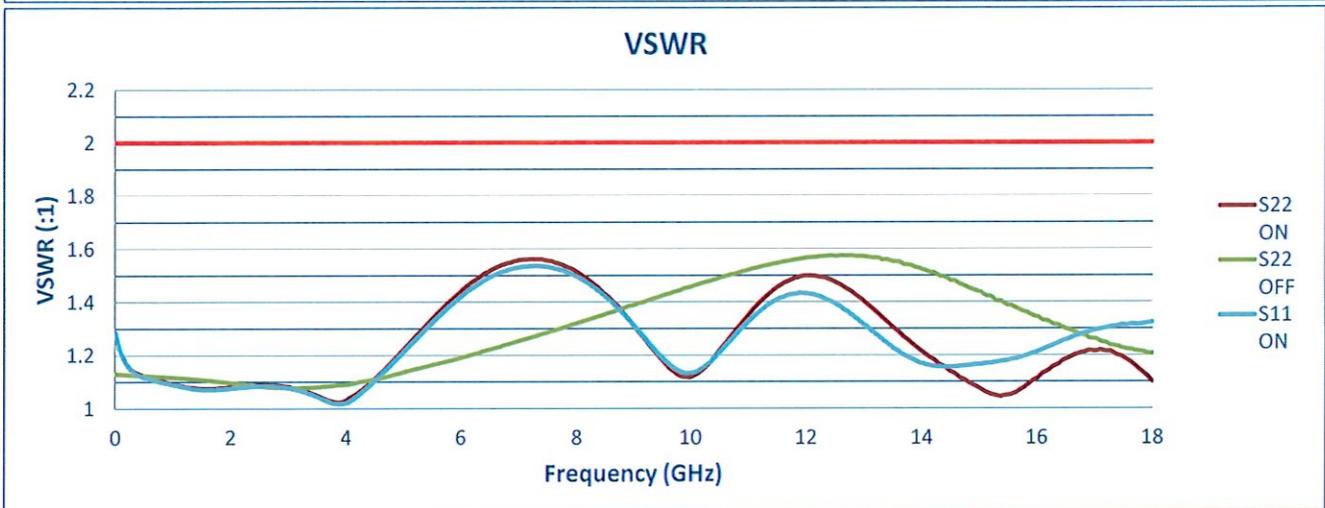
QA/QC Approval: *Cameron Kelly*

Date: 6/28/24

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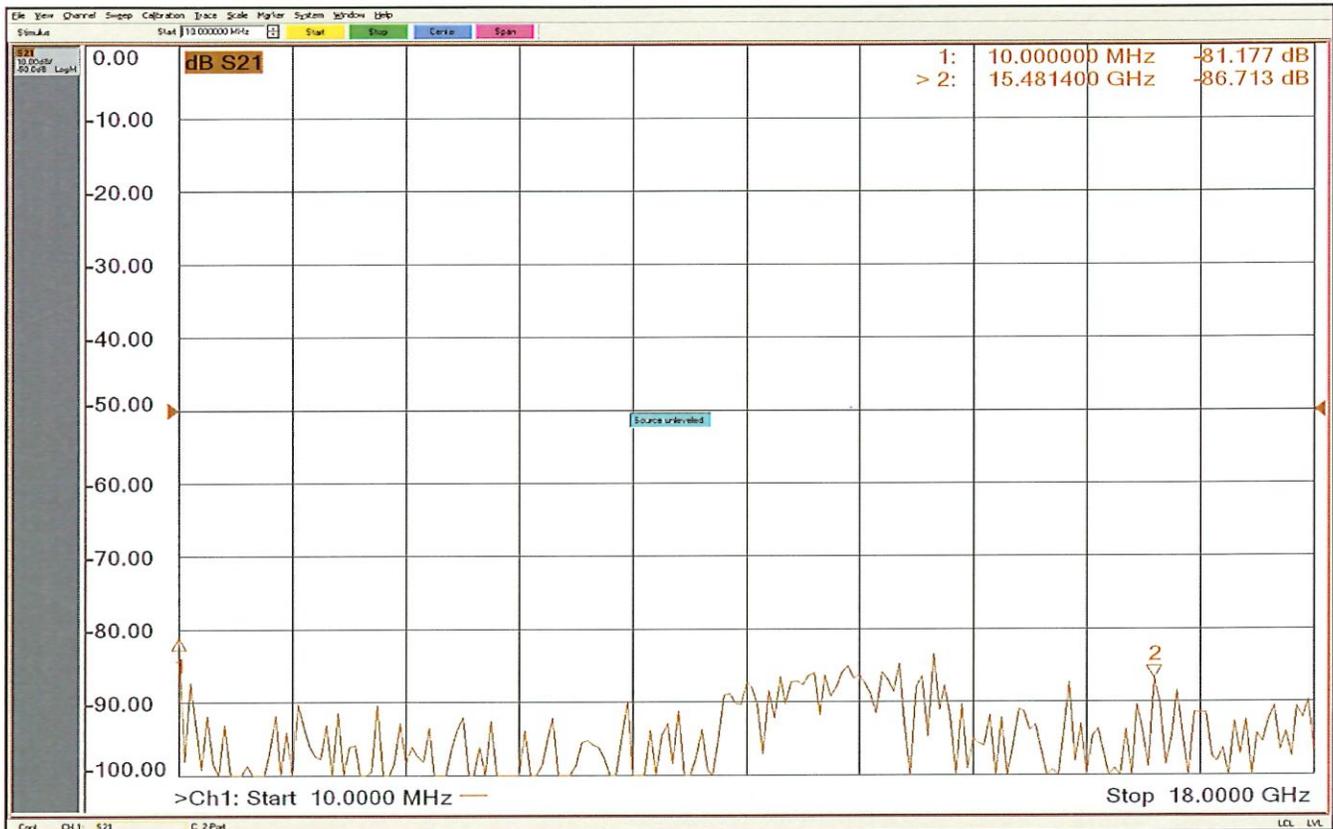
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**Leakage**



**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)