



**SUMMARY TEST DATA  
ON  
P1T-500M18G-85-T-SFF**

PL36442/2218

Customer: \_\_\_\_\_ Tested By: L. McGraw  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P1T-500M18G-85-T-SFF Date: 04/28/2022  
Serial No: PL36442/2218 Drawing No: 27623867 Rev: A2

| TEST. ITEM NO | PARAMETERS                             | SPECIFIED VALUE   | TEST RESULTS                           | QA QC       |
|---------------|--|---|--|-------------|
| 1             | Frequency Range:                       | 500 MHz to 18 GHz   | 500 MHz to 18 GHz<br>See Plot          | PMI<br>QA 2 |
| 2             | Isolation:                             | 85dB Min.   | 90dB<br>See Plot                       |             |
| 3             | Insertion Loss:                        | 5.0dB Typ.  | 4.3dB<br>See Plot                      |             |
| 4             | VSWR:<br>(In/Out)                      | 2.5:1 Typ.  | 2.3:1<br>See Plot                      |             |
| 5             | Input Power:                           | +20dBm CW Max.  | Pass                                   |             |
| 6             | RF Switching Speed:<br>(10% to 90% RF) | 25ns Typ.   | 25ns<br>See Typical<br>Characteristics |             |
| 7             | DC Voltage:                            | +5VDC, 20mA Typ.<br>-5VDC, 70mA Typ.                      | +5VDC, 21 mA<br>-5VDC, 65 mA           |             |
| 8             | Control Signal:                        | TTL Compatible<br>"0" = Insertion Loss<br>"1" = Isolation | Pass                                   | PMI<br>QA 2 |

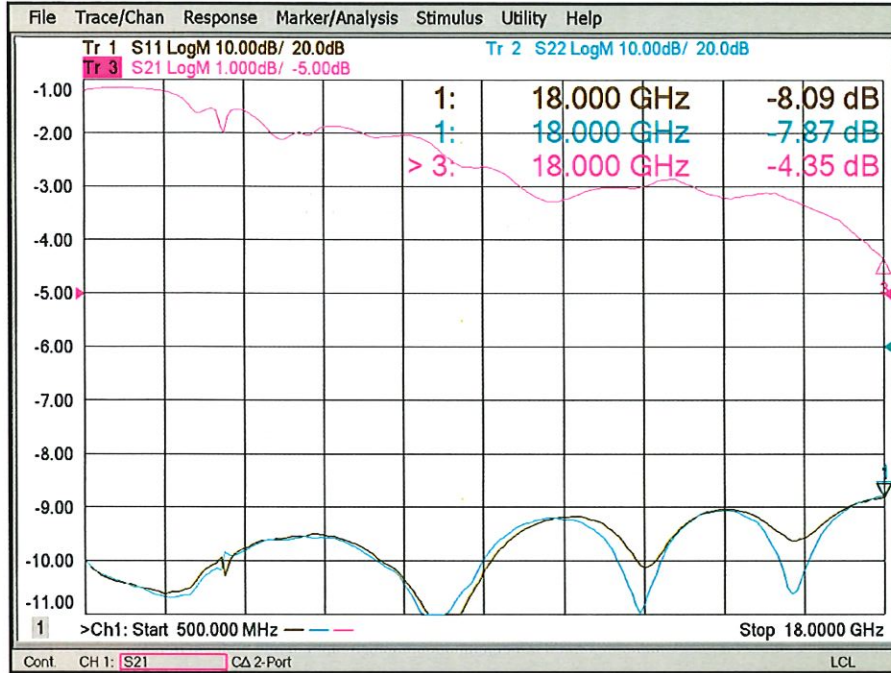
QA/QC Approval:  PMI QA 2 Date: 4/28/2022



**SUMMARY TEST DATA  
ON  
P1T-500M18G-85-T-SFF**

PL36442/2218

J1-J2 Insertion Loss and Return Loss



J1 J2 Isolation and Return Loss

