



## SUMMARY TEST DATA ON PXS-6G18G-60-T-SFF-SP

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PXS-6G18G-60-T-SFF-SP  
 Serial No: PL32568/2121

Tested By: Bryan K.  
 Temperature: +25°C  
 Date: 5/27/2021  
 Drawing No: 27639640 Rev: A1

| TEST ITEM NO. | PARAMETERS           | SPECIFIED VALUE  | TEST RESULTS                      | QA QC       |             |
|---------------|----------------------|--|-----------------------------------|-------------|-------------|
| 1             | Frequency Range      | 6.0 TO 18.0 GHz  | 6.0 TO 18.0 GHz                   | PMI<br>QA 2 |             |
| 2             | Impedance            | 50 Ohms  | 50 Ohms                           |             |             |
| 3             | Insetion Loss        | 3.5 dB Max   | 2.96 dB<br>See Plot               |             |             |
| 4             | Insetion Loss Ripple | ±0.75 dB Max   | Pass                              |             |             |
| 5             | VSWR                 | 2.0:1 Max  | 1.96:1<br>See Plots               |             |             |
| 6             | Isolation            | 60 dB Min  | 70.95 dB<br>See Plot              |             |             |
| 7             | Switching Speed      | 70 ns Max<br>(50% TTL to 10% / 90% RF)   | See Typical Characteristics       |             |             |
| 8             | Rise/ Fall Time      | 70 ns Max (10% / 90% RF)   | See Typical Characteristics       |             |             |
| 9             | Switching Rate PRF   | 1 MHz  | See Typical Characteristics       |             |             |
| 10            | Video Leakage        | 50 mV P-P at 350 MHz BW  | See Typical Characteristics       |             |             |
| 11            | Input Power          | +27 dBm (0.5 WATT) Max   | See Typical Characteristics       |             |             |
| 12            | DC Supply            | +5 VDC (±5%) / 120 mA Max (VDC<br>+ CTL Lines)<br>-12 VDC (±5%) / 120 mA Max   | +5 VDC @ 60 mA<br>-12 VDC @ 80 mA |             |             |
| 13            | Control Signal       | TTL LOGIC "0"<br>J1-J2, J3-J4 = Insertion Loss<br>J1-J4, J2-J3 = Isolation<br>TTL LOGIC "1"<br>J1-J4, J2-J3 = Insertion Loss<br>J1-J2, J3-J4 = Isolation | Pass                              |             | PMI<br>QA 2 |

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

PMI  
QA 2

Date: \_\_\_\_\_

5/28/21



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