

**SUMMARY TEST DATA  
 ON  
 PEC-14-2G18G-4-27-15-SFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-14-2G18G-4-27-15-SFF  
 Serial No: PL56271/2546

Tested By: W. Gonzalez  
 Temperature: +25°C  
 Date: 11/12/2025  
 Drawing No: 27646180                      REV: A1

| TEST ITEM NO. | PARAMETERS        | SPECIFIED VALUE   | Test Results   | QA QC              |
|---------------|-------------------|---|--|--------------------|
| 1             | Frequency Range:  | 2.0 to 8.0 GHz  | 2.0 to 8.0 GHz   | <i>PMI<br/>QA5</i> |
| 2             | Gain:             | 13 dB ±1.5 dB Max.  | 12 dB Max.<br>11.7 dB Min.<br>See Plot                               |                    |
| 3             | Gain Flatness:    | ±0.75 dB Max.   | ±0.17 dB<br>See Plot   |                    |
| 4             | Noise Figure:     | 6.0 dB Max. (2-3 GHz)<br>5.0 dB Max. (3-5 GHz)<br>4.5 dB Max. (5-8 GHz) | 5.5 dB (2-3 GHz)<br>4.4 dB (3-5 GHz)<br>3.3 dB (5-8 GHz)<br>See Plot |                    |
| 5             | OP1dB:            | +26 dBm Min.  | +26.4 dBm<br>See Plot  |                    |
| 6             | VSWR:<br>(In/Out) | 2.0:1 Max.  | 1.48:1 In<br>1.83:1 Out<br>See Plot                                  |                    |
| 7             | Input Power:      | +27 dBm CW Max.   | See Typical Characteristics  |                    |
| 8             | DC Supply         | +11.3 V @ 360 mA Typ.*  | 290 mA   |                    |

\*No Internal Voltage Regulation or Reverse Protection

QA/QC Approval: *Jordan Leyd*

Date: 11-24-25



