

**SUMMARY TEST DATA  
ON  
PEC-36-2G18G-4R5-27-15-SFF**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: PEC-36-2G18G-4R5-27-15-SFF  
Serial No: PL41381/2329

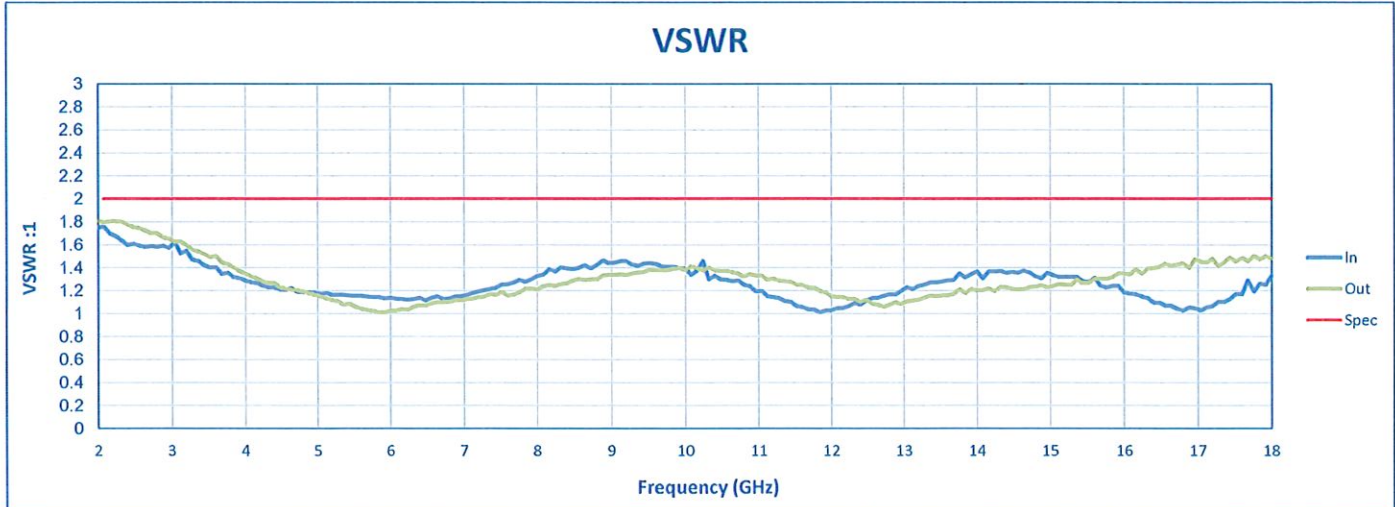
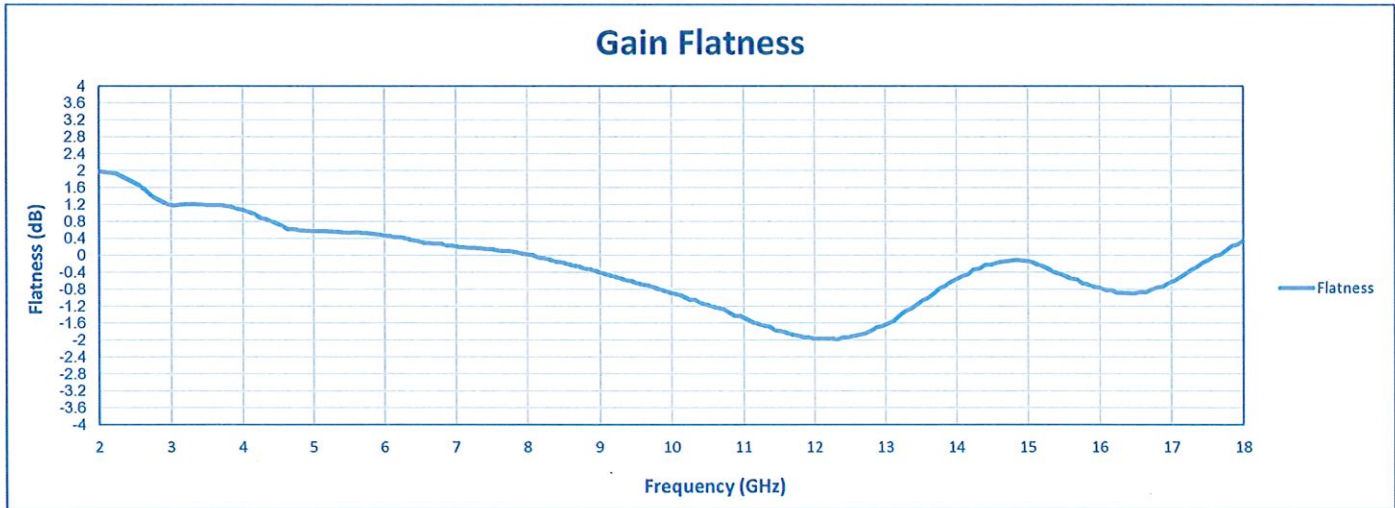
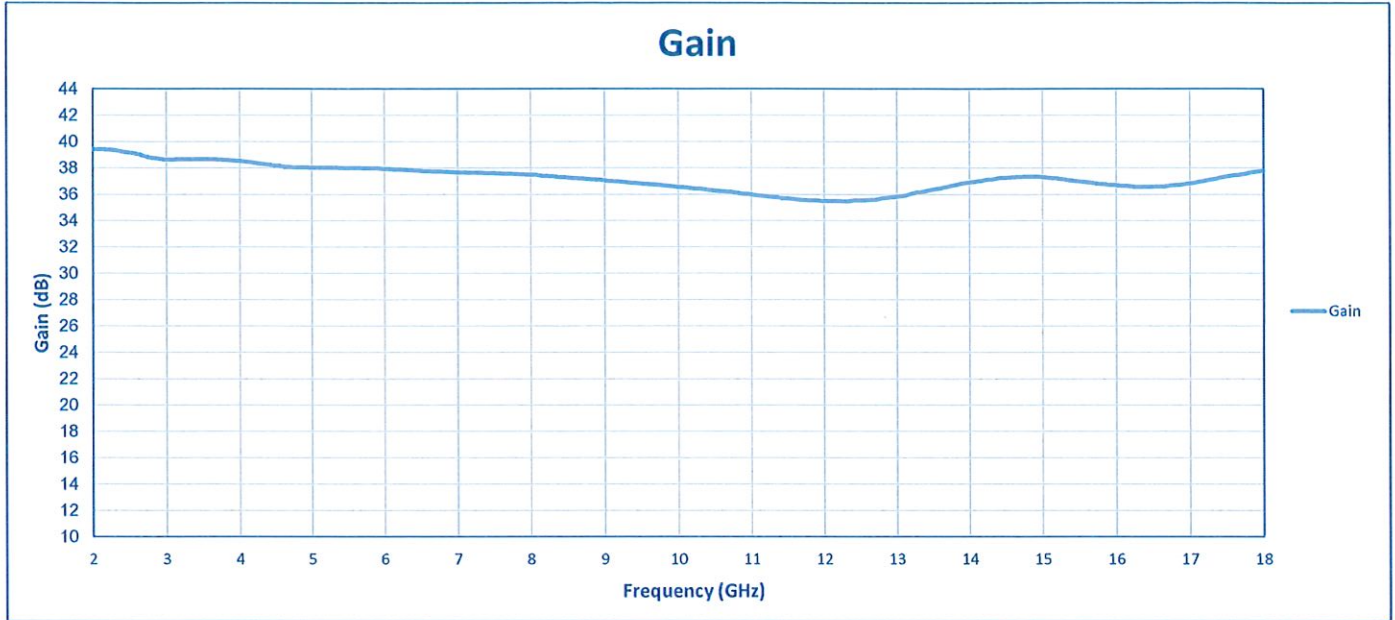
Tested By: A. Lopez  
Temperature: +25C  
Date: 7/21/2023  
Drawing No: 27324400 Rev: A1

| TEST ITEM NO. | PARAMETERS                             | SPECIFIED VALUE                     | Test Results                        | QA QC      |
|---------------|--|-------------------------------------|-------------------------------------|------------|
| 1             | Frequency Range:                       | 2.0 GHz to 18.0 GHz                 | 2.0 GHz to 18.0 GHz                 | PMI<br>QA1 |
| 2             | Gain:                                  | 36 dB Typical                       | 35.48 dB<br>See Graph               |            |
| 3             | Gain Flatness:                         | +/- 1.5 dB Typical                  | 1.99 dB<br>See Graph                |            |
| 4             | Noise Figure:                          | 4.5 dB Typical<br>5.0 dB Max        | Pass<br>See Typical Characteristics |            |
| 5             | OP1dB:                                 | +26.5 dBm Min.<br>+27.5 dBm Typical | 26.7 dBm<br>See Graph               |            |
| 6             | VSWR:<br>(Input/Output)                | 2.0:1 Max.                          | 1.81 :1<br>See Graph                |            |
| 7             | Impedance:                             | 50 Ohms                             | Pass                                |            |
| 8             | Input Power:                           | +20 dBm CW Max.                     | Pass<br>See Typical Characteristics |            |
| 9             | DC Voltage Supply:<br>DC Current Draw: | +15VDC @ 850 mA<br>Nominal          | +15 VDC<br>@ 653 mA                 | PMI<br>QA1 |

QA/QC Approval:  PMI  
QA1

Date 7/24/23

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