

**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: PL35912/2210

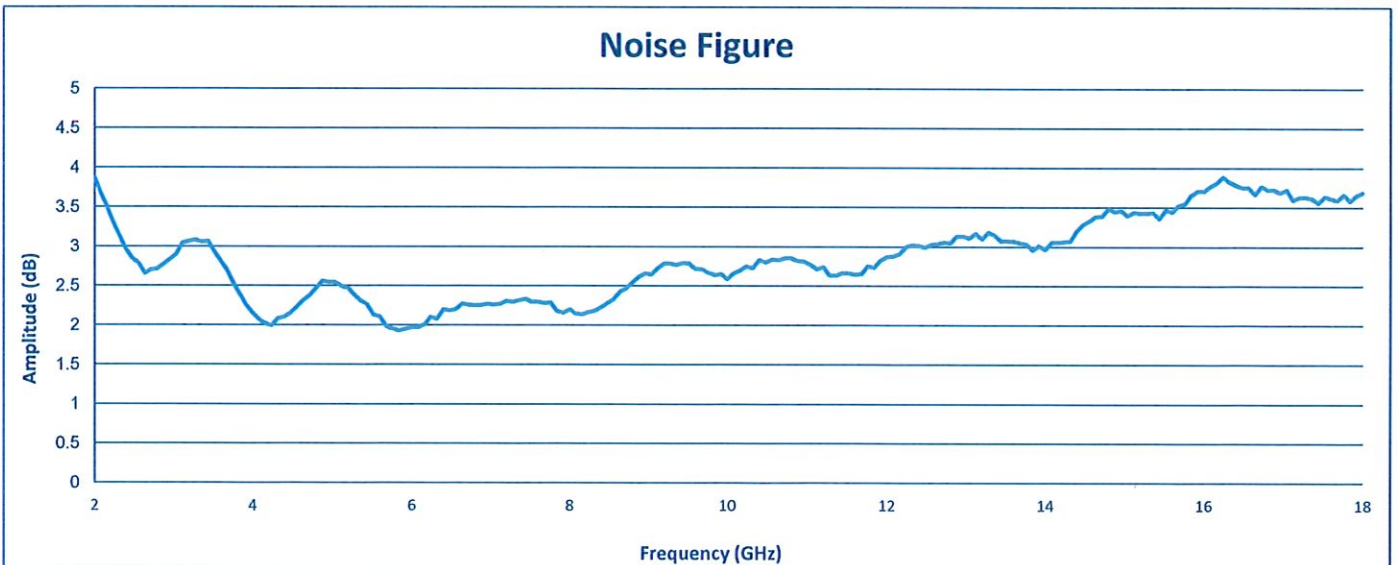
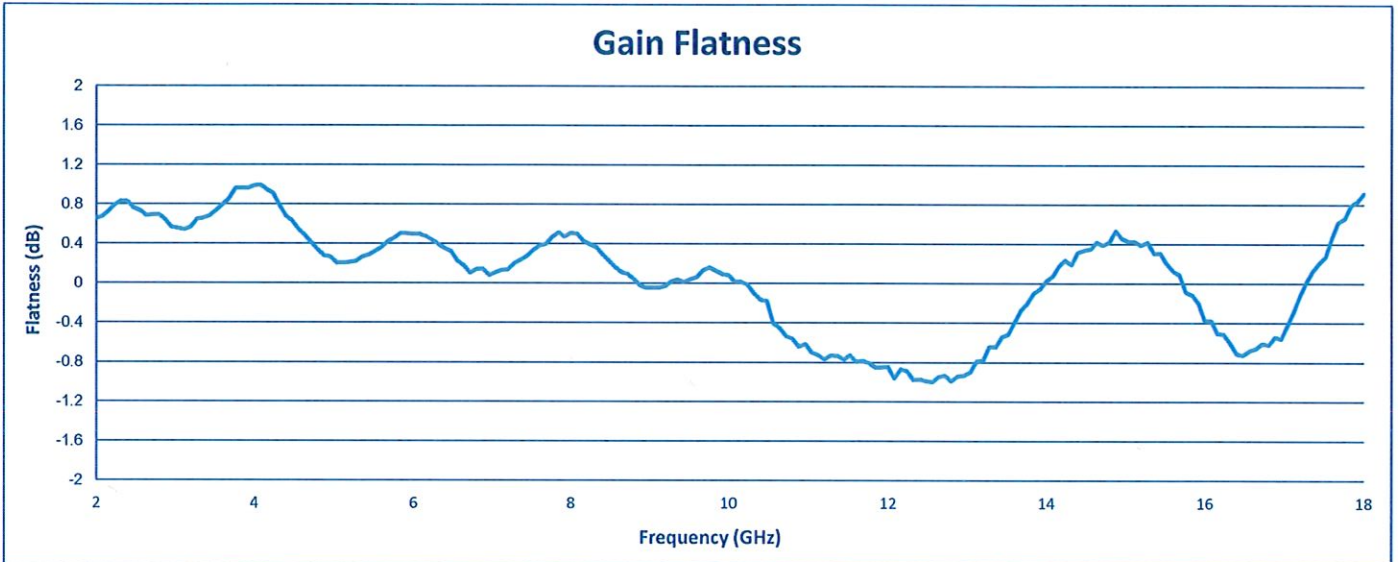
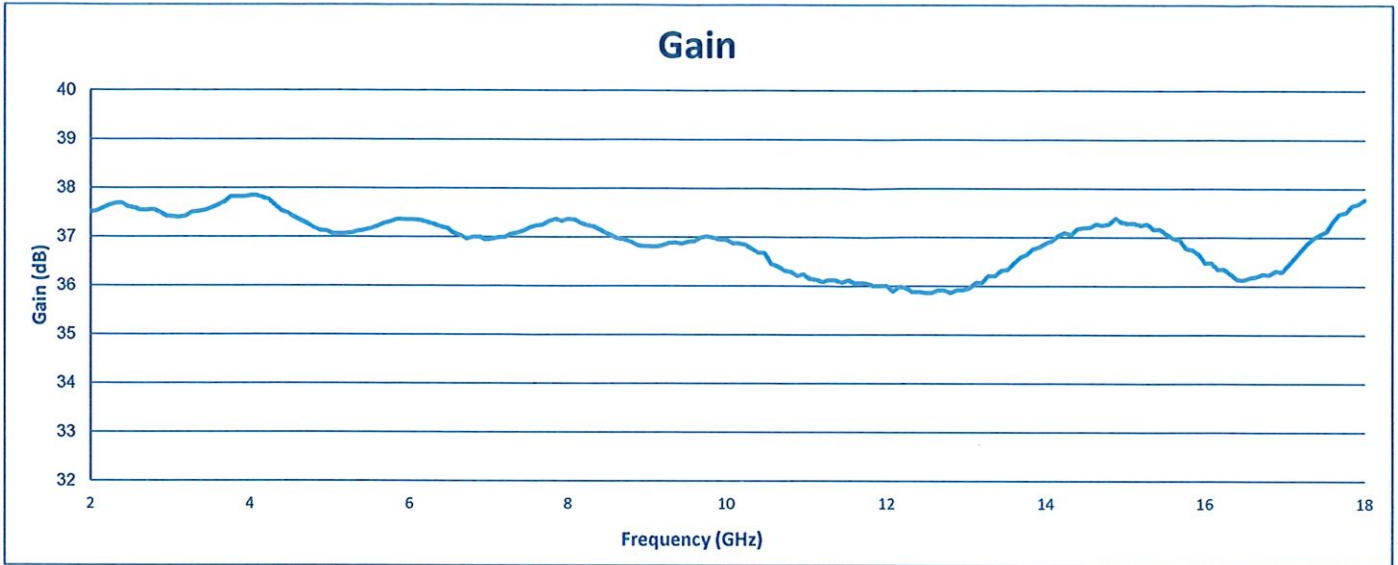
Tested By: K. Mansfield
 Temperature: +25C
 Date: 3/9/2023
 Drawing No: 27624405 Rev: A1

| 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 QA2 | |
| 2 | Gain: | 36 dB Typical | Max. 37.9 dB Min. 35.9 dB See Graph | | |
| 3 | Gain Flatness: | +/- 1.5 dB Typical | ±1 dB See Graph | | |
| 4 | Noise Figure: | 4.5 dB Typical 5.0 dB Max | 3.89 dB See Graph | | |
| 5 | OP1dB: | +26.5 dBm Min. +27.5 dBm Typical | +28 dBm See Graph | | |
| 6 | VSWR: (Input/Output) | 2.0:1 Max. | In 1.75:1 Out 1.82:1 See Graph | | |
| 7 | Impedance: | 50 Ohms | See Typical Characteristics | | |
| 8 | Input Power: | +20 dBm CW Max. | See Typical Characteristics | | |
| 9 | DC Voltage Supply: DC Current Draw: | +15VDC @ 850 mA Nominal | +15 VDC @ 666 mA | | PMI QA2 |

QA/QC Approval:  PMI QA2

Date 3/14/2023

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