

**SUMMARY TEST DATA  
 ON  
 PE2-12-30M40G-5R5-7-12-292FF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PE2-12-30M40G-5R5-7-12-292FF  
 Serial No: PL52702/2517

Tested By: A. Lopez / Darwin M.C.  
 Temperature: +25° C  
 Date: 7/18/2025  
 Drawing No: 27652605      REV: A1

| TEST ITEM NO. | PARAMETERS         | SPECIFIED VALUE                 | Test Results                              | QA QC      |
|---------------|--------------------|---------------------------------|---|------------|
| 1             | Frequency Range:   | 0.03 to 40.0 GHz                | 0.03 to 40.0 GHz                          | PMI<br>QA2 |
| 2             | Gain:              | 12dB Typ.<br>9.5 dB Min.        | 13.3 dB Max.<br>10.3 dB Min.<br>See Graph |            |
| 3             | Gain Flatness:     | ±2.5 dB Max.                    | ±1.49 dB<br>See Graph                     |            |
| 4             | Noise Figure:      | 7.5 dB Max. (0.03 to 10 GHz)    | 6.42 dB                                   |            |
|               |                    | 4.5 dB Max. (10 to 20 GHz)      | 3.99 dB                                   |            |
|               |                    | 7.5 dB Max. (20 to 40 GHz)      | 6.14 dB                                   |            |
|               |                    |                                 | See Graph                                 |            |
| 5             | OP1dB:             | 7 dBm Min.                      | 9.84 dBm<br>See Graph                     |            |
| 6             | VSWR Input/Output: | 2.0:1 Max.                      | 1.75:1 In<br>1.94:1 Out<br>See Graph      |            |
| 7             | DC Supply:         | +12 to +15 VDC<br>@ 150 mA Max. | +12 to +15 VDC<br>@ 87 mA                 | PMI<br>QA2 |

QA/QC Approval:

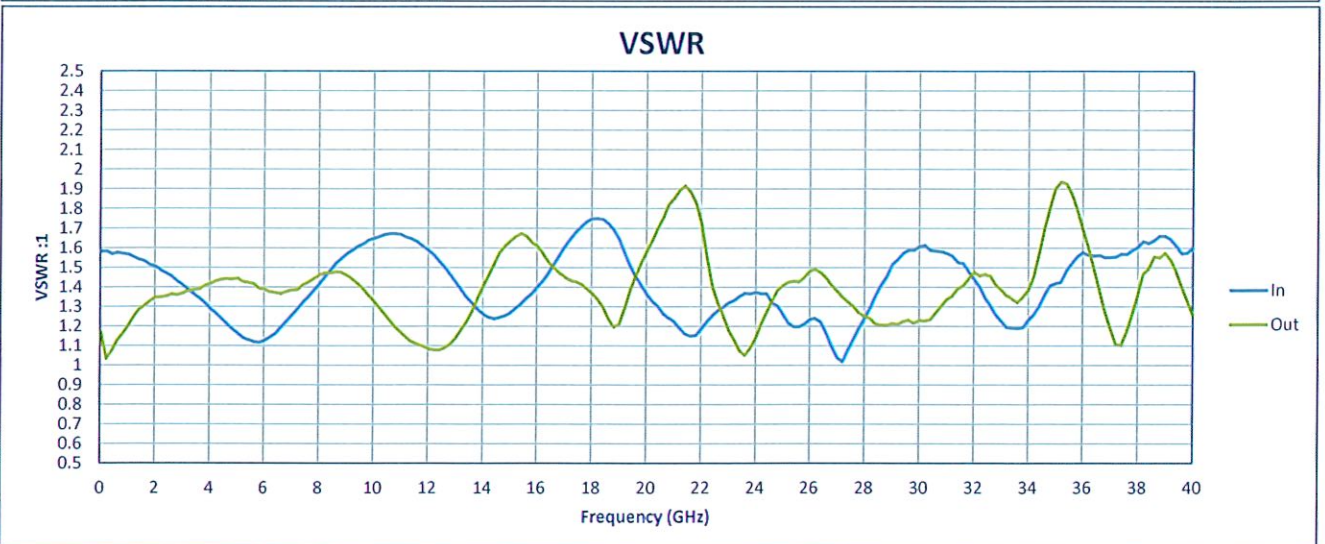
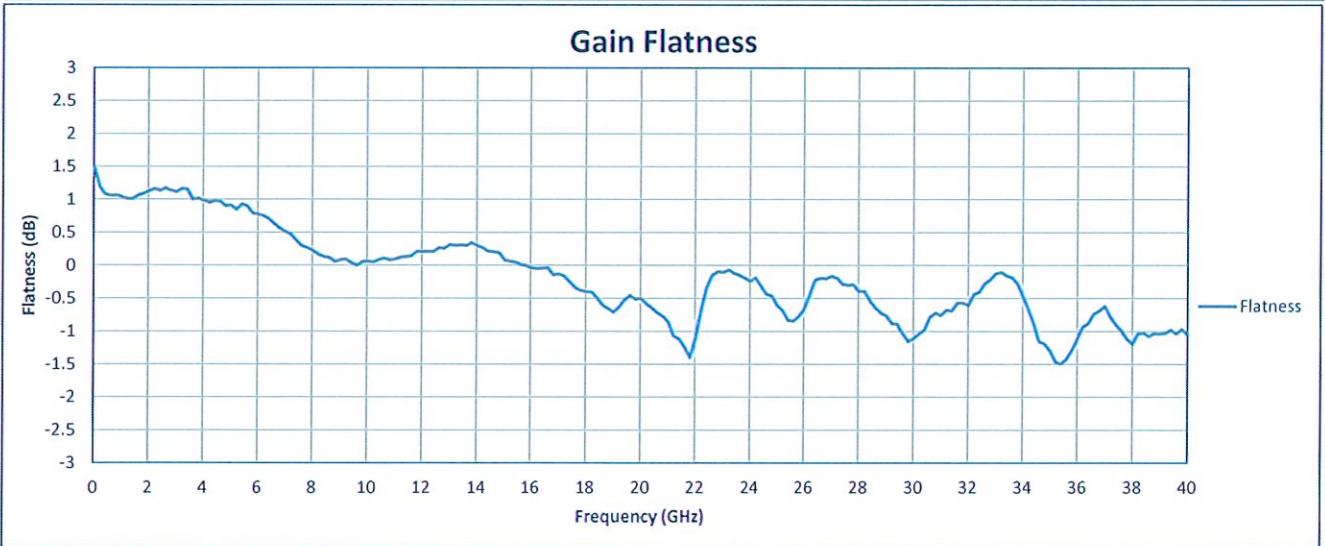
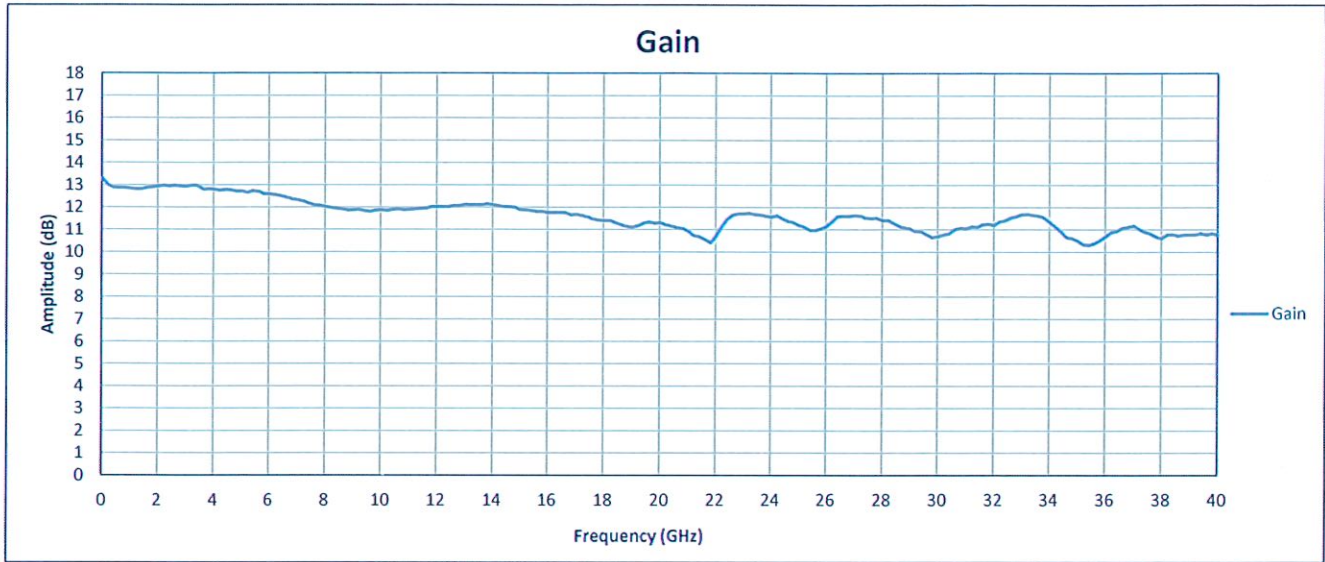
PMI  
QA2

Date: 7/21/2025

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