



SUMMARY TEST DATA ON PEC-25-500M40G-20-12-292FF-OPT125

Customer: _____
 SO No: _____
 Model No: PEC-25-500M40G-20-12-292FF-OPT125
 Serial No: PL25628/1921

Tested By: K. Mansfield
 Temperature: +25°C
 Date: 5/24/2019
 Drawing No: 27635780 REV: A1

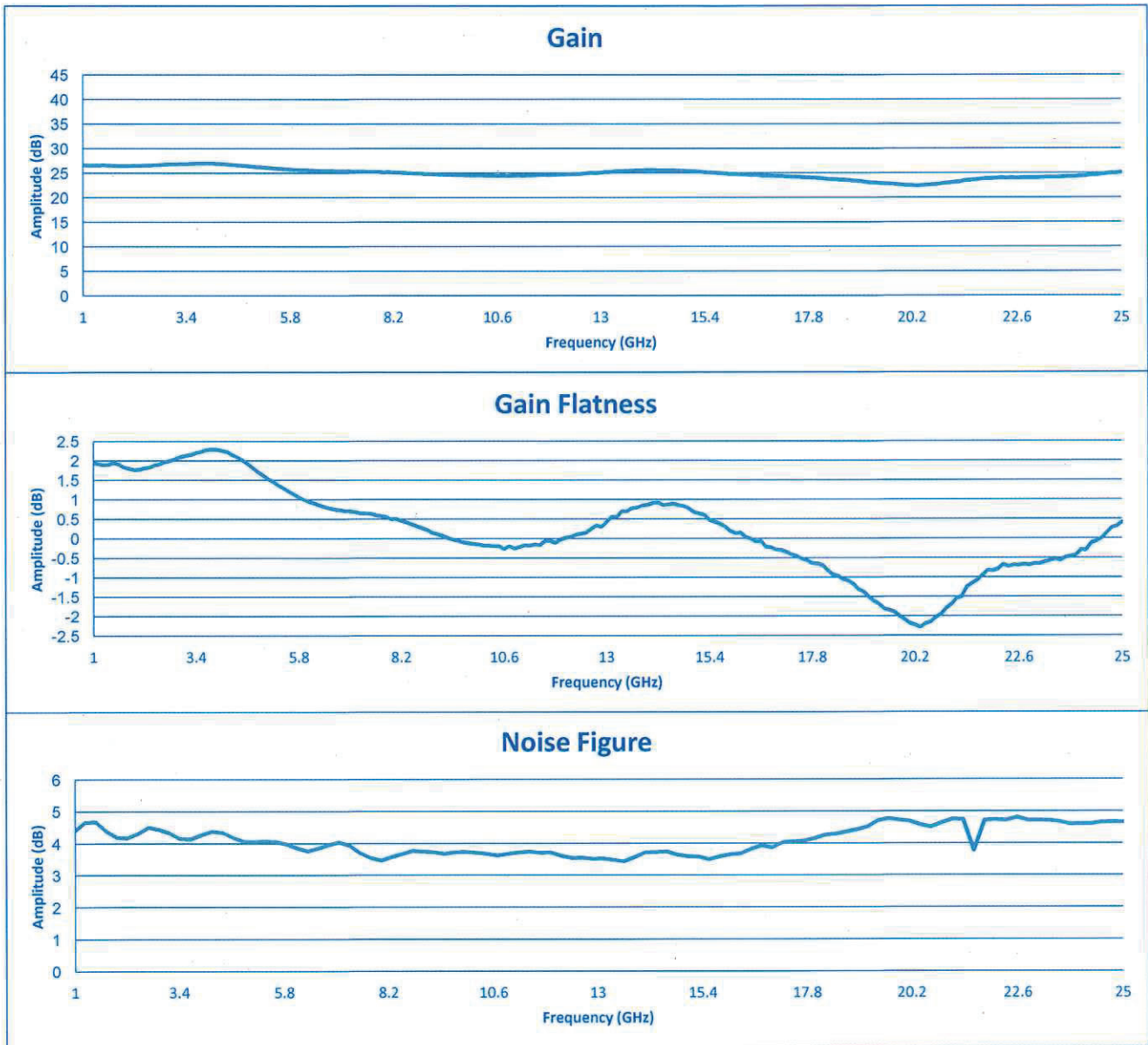
| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC | |
|---------------|-------------------------|---|---|-------------|-------------|
| 1 | Frequency Range: | 1.0 GHz - 25 GHz | 1.0 GHz - 25 GHz | PMI QA 1 | |
| 2 | Gain: | 25 dB Typ. | 27 dB Max. 24.7 dB Typ. 22.4 dB Min. See Plot | | |
| 3 | Gain Flatness: | ±2.5 dB Max. | ±2.29 dB See Plot | | |
| 4 | Noise Figure: | 5.5 dB Typ. | 4.8 dB See Plot | | |
| 5 | OP1dB: | +19 dBm Typ. (1.0-18 GHz) +17 dBm Typ. (18-25 GHz) | +18.2 dBm Typ. (1.0-18 GHz) +17.7 dBm Typ. (18-25 GHz) See Plot | | |
| 6 | Psat: | +23 dBm Typ. (1.0-18 GHz) +20 dBm Typ. (18-25 GHz) | +21.8 dBm Typ. (1.0-18 GHz) +20.3 dBm Typ. (18-25 GHz) See Plot | | |
| 7 | VSWR: (Input/Output) | 2.0:1 / 2.5:1 Max. | 2:1 In 1.8:1 Out See Plot | | |
| 8 | Input Power Handling: | +17 dBm CW Max. | Pass | | |
| 9 | DC Supply: | +12 to +15 VDC @ 350 mA Nominal | +12 to +15 VDC @ 234 mA | | PMI QA 1 |

QA/QC Approval:  PMI QA 1 Date: 5/24/19



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