



SUMMARY TEST DATA ON PEC-42-500M40G-20-12-292FF

Customer: _____
 SO No: _____
 Model No: PEC-42-500M40G-20-12-292FF
 Serial No: PL22907/1825

Tested By: K. Mansfield
 Temperature: 25 Degrees C
 Date: 11/20/2018
 Drawing No: 27623504 REV: A3

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC | |
|---------------|-------------------------|---|---|----------|----------|
| 1 | Frequency Range: | 500 MHz - 40 GHz | 500 MHz - 40 GHz | PMI QA 1 | |
| 2 | Gain: | 42 dB Typ. | +41.5 dB Max. +32.6 dB Min. See Plot | | |
| 3 | Gain Flatness: | ±2.5 dB Typ. | ±4.44 dB See Plot | | |
| 4 | *Noise Figure: | 5.5 dB Typ. | 5 dB See Plot | | |
| 5 | OP1dB: | +19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz) | +18.6 dBm Typ. (0.5-18 GHz) +16.4 dBm Typ. (18-40 GHz) See Plot | | |
| 6 | Psat: | +23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz) | +22.1 dBm Typ. (0.5-18 GHz) +21.8 dBm Typ. (18-40 GHz) See Plot | | |
| 7 | VSWR: (Input/Output) | 2.0:1 Max. In 2.5:1 Max. Out | 1.8:1 In 2.4:1 Out See Plot | | |
| 8 | Input Power Handling: | +17 dBm CW Max. | Pass | | |
| 9 | DC Supply: | +12 to +15 VDC @ 450 mA Typ. | +12 to +15 VDC @ 589 mA | | PMI QA 1 |

*Up to 26.5 GHz

QA/QC Approval: _____

PMI
QA 1

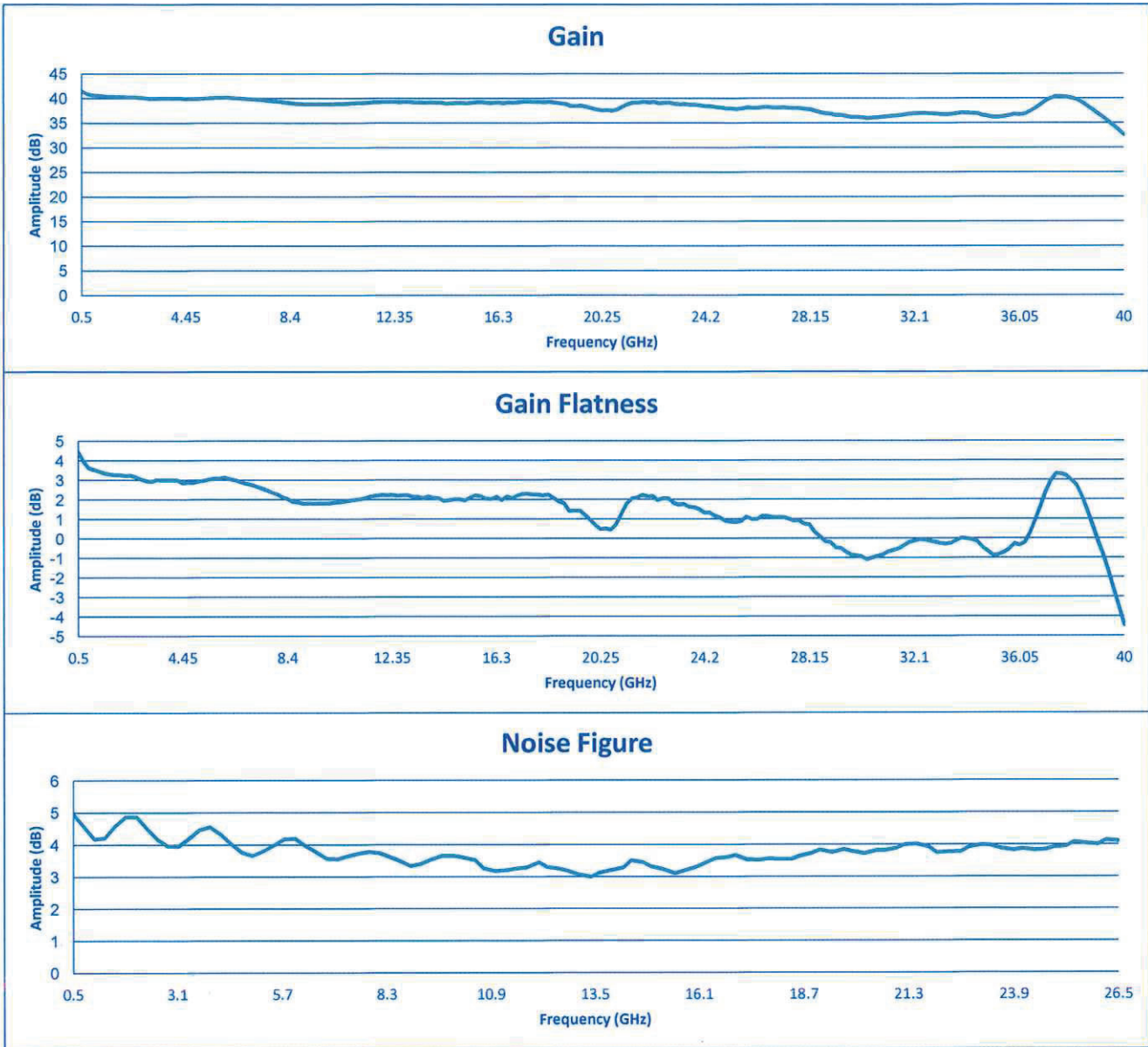
Date: _____

11/29/18



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