



**SUMMARY TEST DATA
ON
PEC4-16-8G18G-4R7-18-15-SFF**

PL28639/2016

Customer: _____ Tested By: J. Mattsson-Boze
 SO No: _____ Temperature: +25°C
 Model No: PEC4-16-8G18G-4R7-18-15-SFF Date: 04/16/20
 Serial No: PL28639/2016 Drawing No: 27628813 Rev: A1

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC | |
|---------------|------------------|-----------------------------------|--|------------|------------|
| 1 | Frequency Range: | 8.0 to 18.0 GHz | 8.0 to 18.0 GHz | a3 4/24 | |
| 2 | Gain: | 13 dB Min, 16 dB Max | 15.8 dB Max 13.9 dB Min (See Plot) | ↓ | |
| 3 | Gain Flatness: | ±1.50 dB Max | ±0.98 dB (See Plot) | | |
| 4 | Noise Figure: | 4.7 dB Max | 4.6 dB (See Plot) | | |
| 5 | OP1dB: | +18 dBm Typ. | +21.3 dBm (See Plot) | | |
| 6 | VSWR Input: | 1.67:1 Max | 1.62:1 (See Plot) | | |
| 7 | VSWR Output: | 2.25:1 Max | 1.52:1 (See Plot) | | |
| 8 | Maximum Input: | +30 dBm CW | Pass | | |
| 9 | DC Supply: | +12.5 to +28 VDC @ 250 mA Typ. | 200 mA | | a3 4/24 |

QA/QC Approval: Arthur Zimmerman Date: 4/24/2020

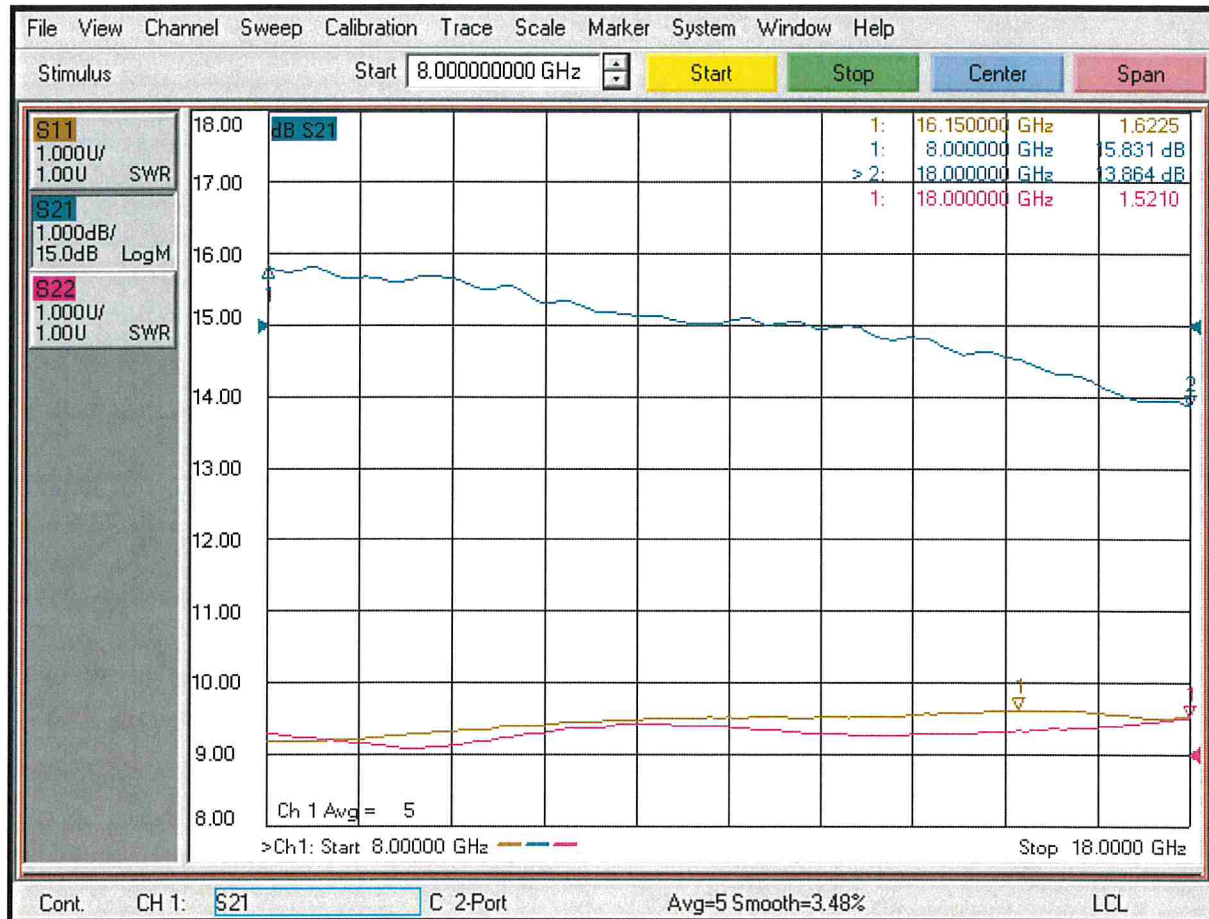
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
 Phone: (916) 542-1401 Fax: (916) 265-2597
 Email: sales@pmi-rf.com



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Gain and VSWR Plot



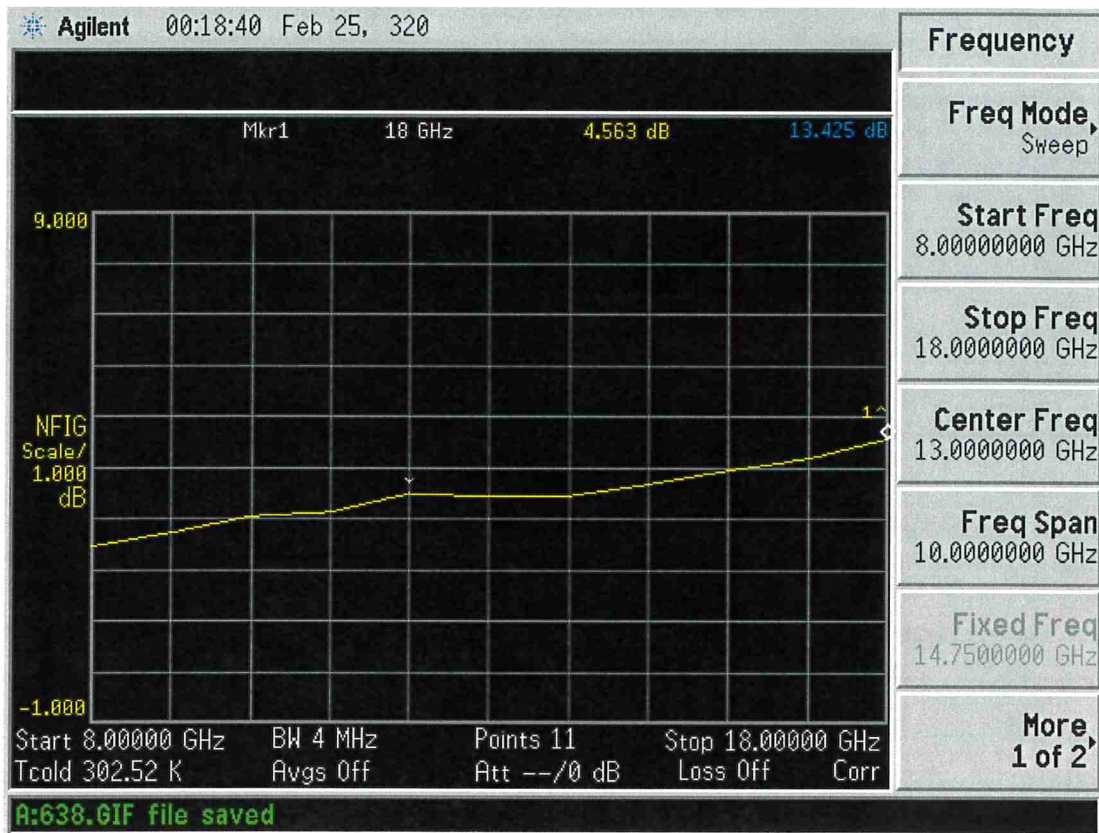
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Noise Figure Plot



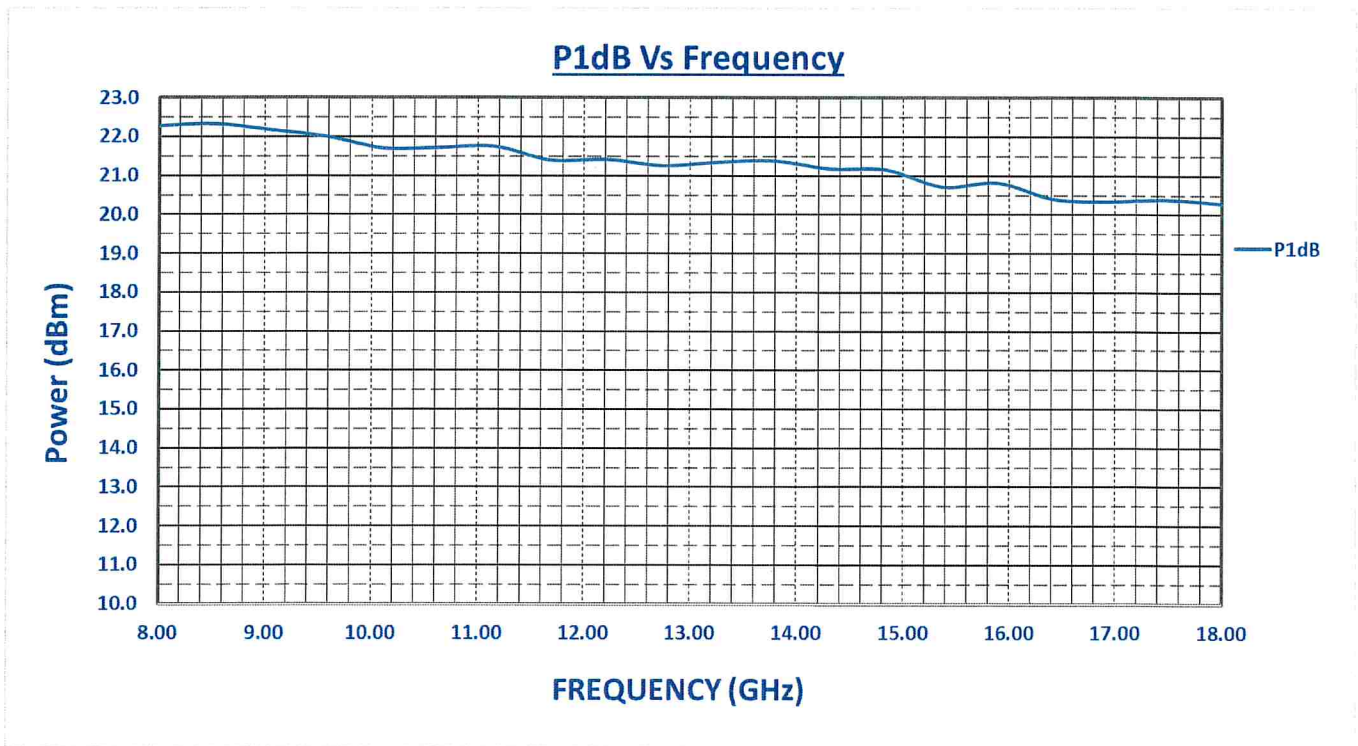
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OP1dB Plot



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