



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: PL32782/2126

Tested By: EA Valdez
 Temperature: +25°C
 Date: 6/29/2021
 Drawing No: 27624405 REV: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | Test Results | QA QC | |
|---------------|--------------------|----------------------------------|--|------------|------------|
| 1 | Frequency Range: | 2.0 to 18.0 GHz | 2.0 to 18.0 GHz | PMI QA3 | |
| 2 | Gain: | 36 dB Typ. | +38 dB Max. +35.7 dB Min. See Plot | | |
| 3 | Gain Flatness: | ±1.5 dB Typ. | ±1.15 dB Max. See Plot | | |
| 4 | Noise Figure: | 4.5 dB Typ. 5.0 dB Max. | 3.6 dB Max. See Plot | | |
| 5 | OP1dB: | +26.5 dBm Min. +27.5 dBm Typ. | +27.8 dBm Min. See Plot | | |
| 6 | VSWR Input/Output: | 2.0:1 Max. | 1.74:1 In 1.71:1 Out See Plot | | |
| 7 | Impedance: | 50 Ohms | Pass | | |
| 8 | Input Power: | +20 dBm Max. | Pass | | |
| 9 | DC Supply: | +15 VDC @ 850 mA Nomial. | +12 to +15 VDC @ 726 mA | | PMI QA3 |

QA/QC Approval: *d Zimmerman*

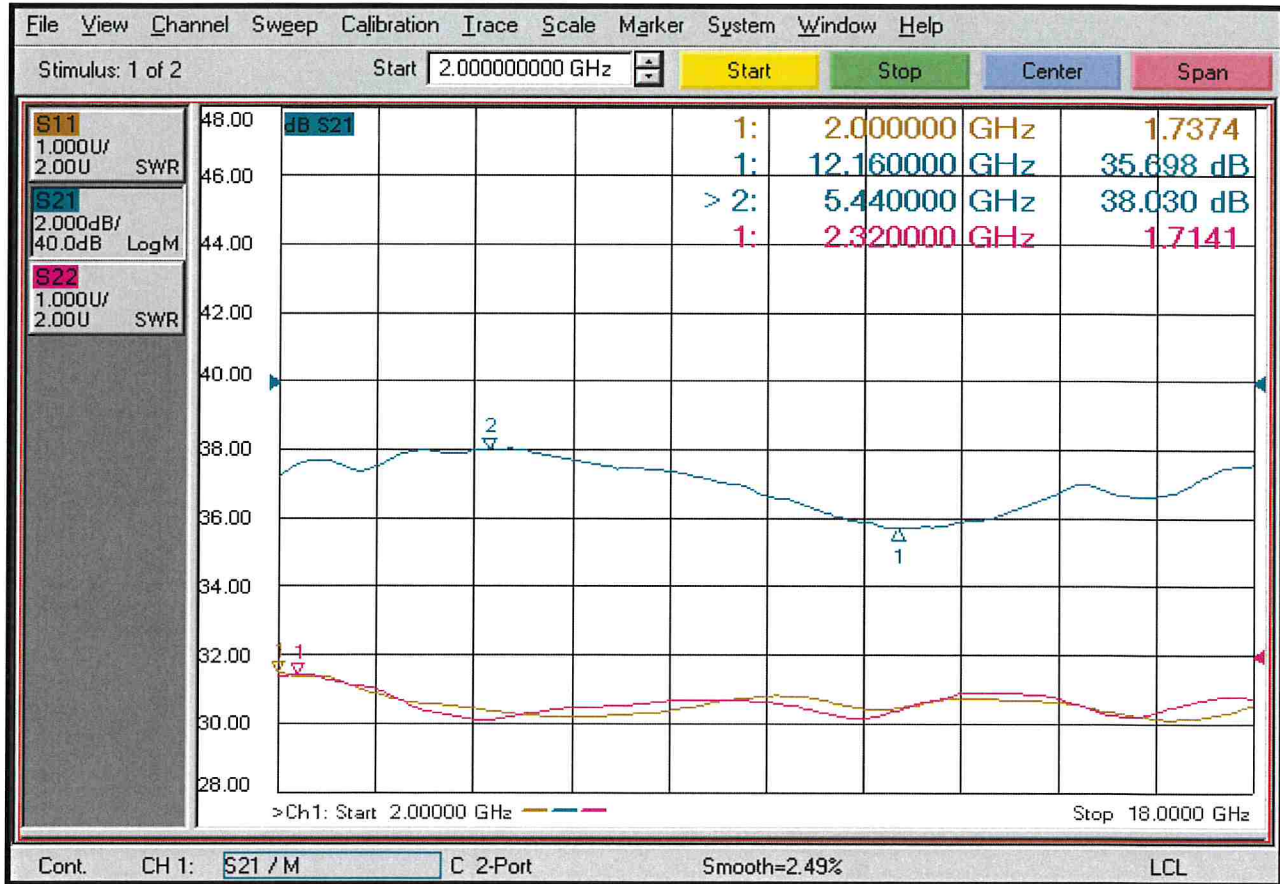
Date: 6/29/21



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Gain and VSWR Plot

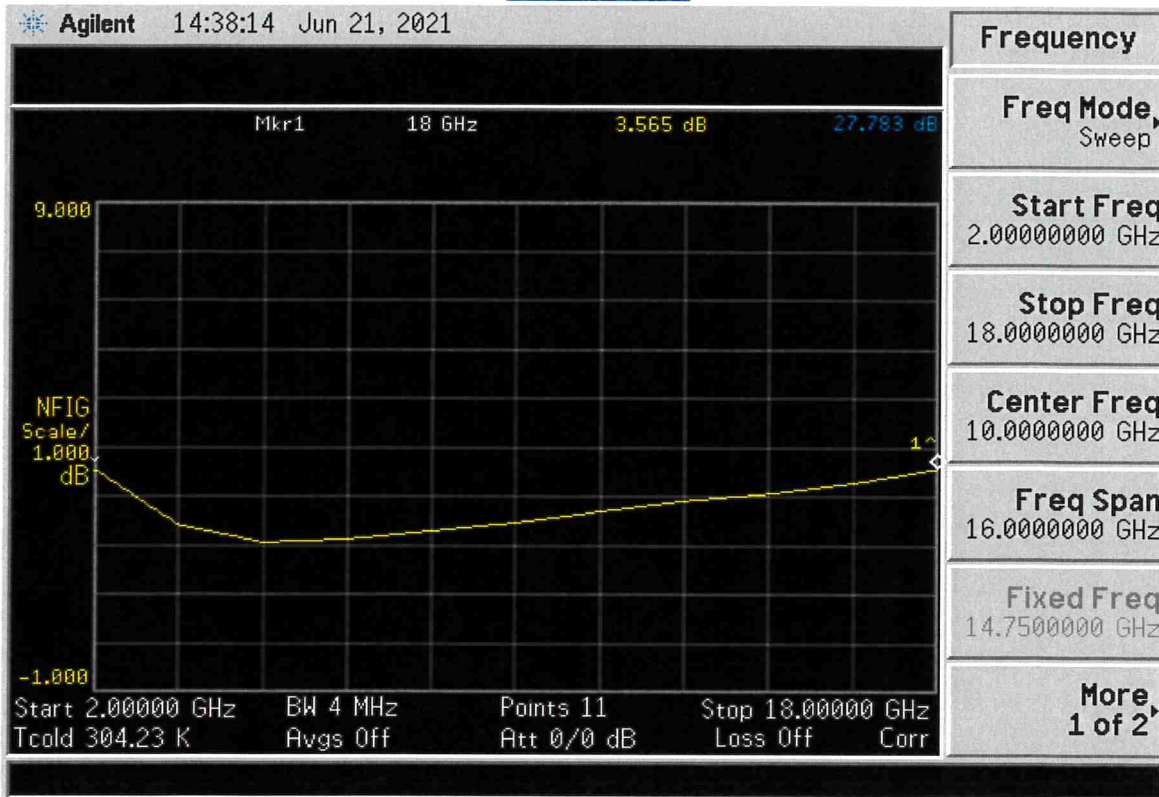




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Noise Figure Plot



OP1dB Plot

P1dB Vs Frequency

