



**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: PL32765/2126

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. | +37.9 dB Max. +35.1 dB Min. See Plot | | |
| 3 | Gain Flatness: | ±1.5 dB Typ. | ±1.4 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 dBm Min. See Plot | | |
| 6 | VSWR Input/Output: | 2.0:1 Max. | 1.69:1 In 1.81:1 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 @ 681 mA | | PMI QA3 |

QA/QC Approval: *A Zimmerman*

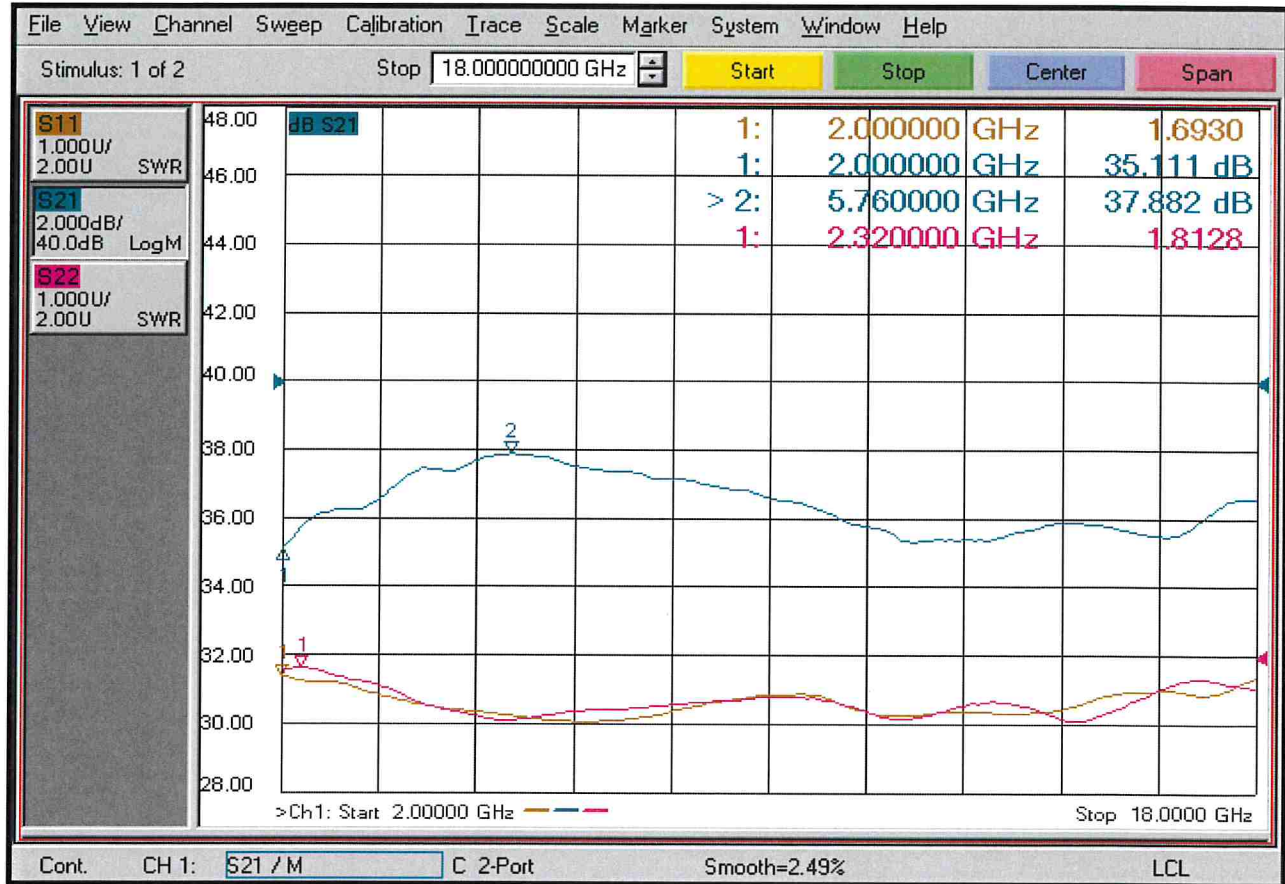
Date: 6/29/21



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Gain and VSWR Plot

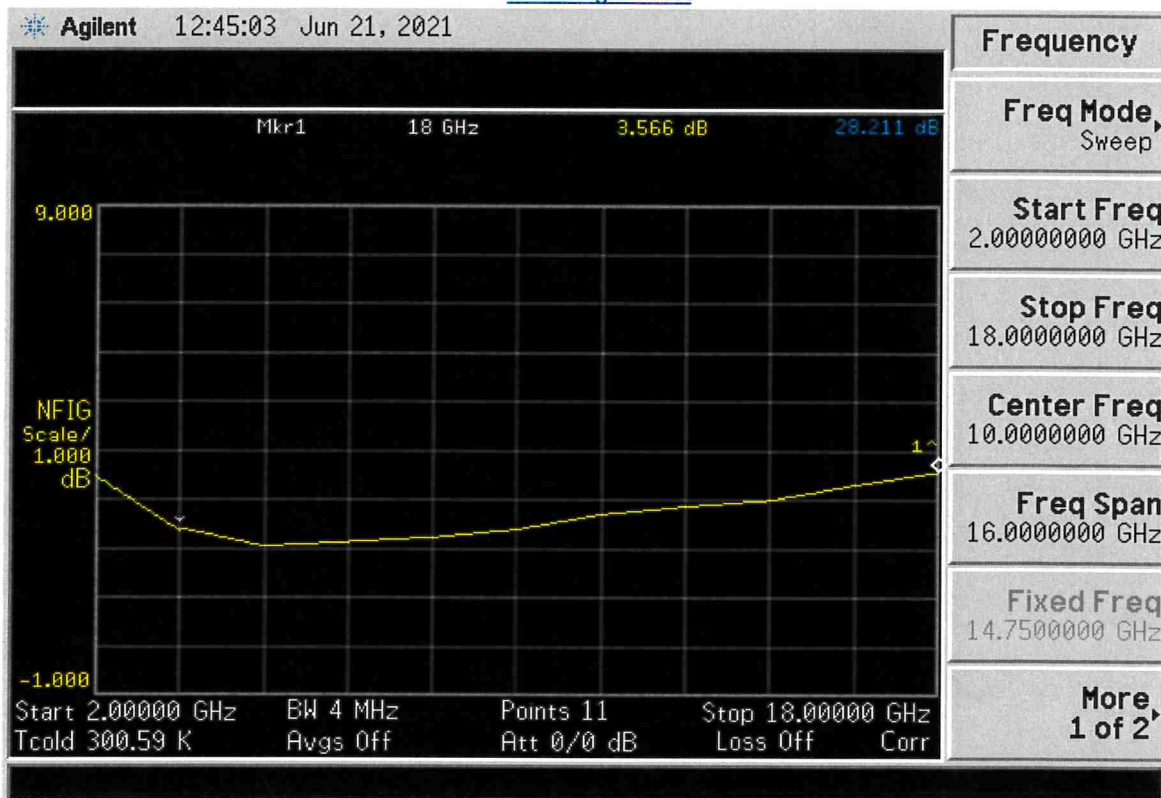




SUMMARY TEST DATA ON PEC-36-2G18G-4R5-27-15-SFF

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Noise Figure Plot



OP1dB Plot

P1dB Vs Frequency

