



## SUMMARY TEST DATA ON PE2-30-2R06R0-1R5-22-12-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PE2-30-2R06R0-1R5-22-12-SFF  
 Serial No: PL31333/2107

Tested By: J Boze  
 Temperature: +25° C  
 Date: 1/28/2021  
 Drawing No: 27616004      REV: A1

| TEST ITEM NO. | PARAMETERS         | SPECIFIED VALUE                      | Test Results                               | QA QC      |
|---------------|--------------------|--------------------------------------|--|------------|
| 1             | Frequency Range:   | 2 GHz to 6 GHz                       | 2 GHz to 6 GHz                             | PMI<br>QA3 |
| 2             | Gain:              | 30 dB Typ.                           | +35.5 dB Max.<br>+34.3 dB Min.<br>See Plot |            |
| 3             | Gain Flatness:     | ±1.5 dB Max.                         | ±0.6 dB<br>See Plot                        |            |
| 4             | Noise Figure:      | 1.5 dB Typ.<br>1.75 dB Max.          | 1.73 dB Max.<br>See Plot                   |            |
| 5             | OP1dB:             | +22 dBm Typ.<br>+20 dBm Min.         | +22.2 dBm Min.<br>See Plot                 |            |
| 6             | VSWR Input/Output: | 2.0:1 Max.                           | 1.69:1 In<br>1.32:1 Out<br>See Plot        |            |
| 7             | DC Supply:         | +12 to +15 VDC Max.<br>@ 350 mA Typ. | +12 to +15 VDC @ 350 mA                    |            |

QA/QC Approval: Arthur Zimmerman

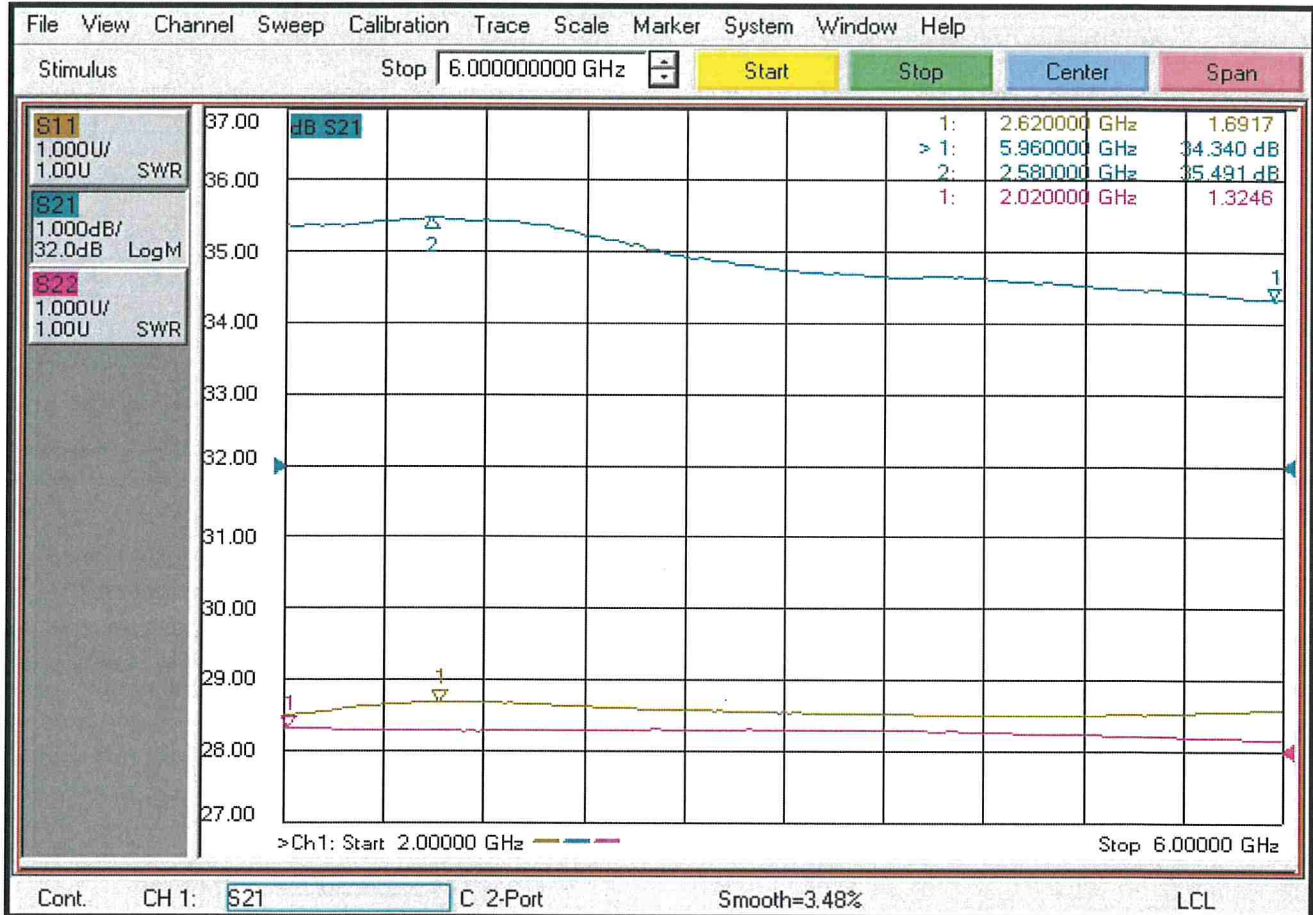
Date: 2-24-21



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PL31333 2107

Gain and VSWR Plot

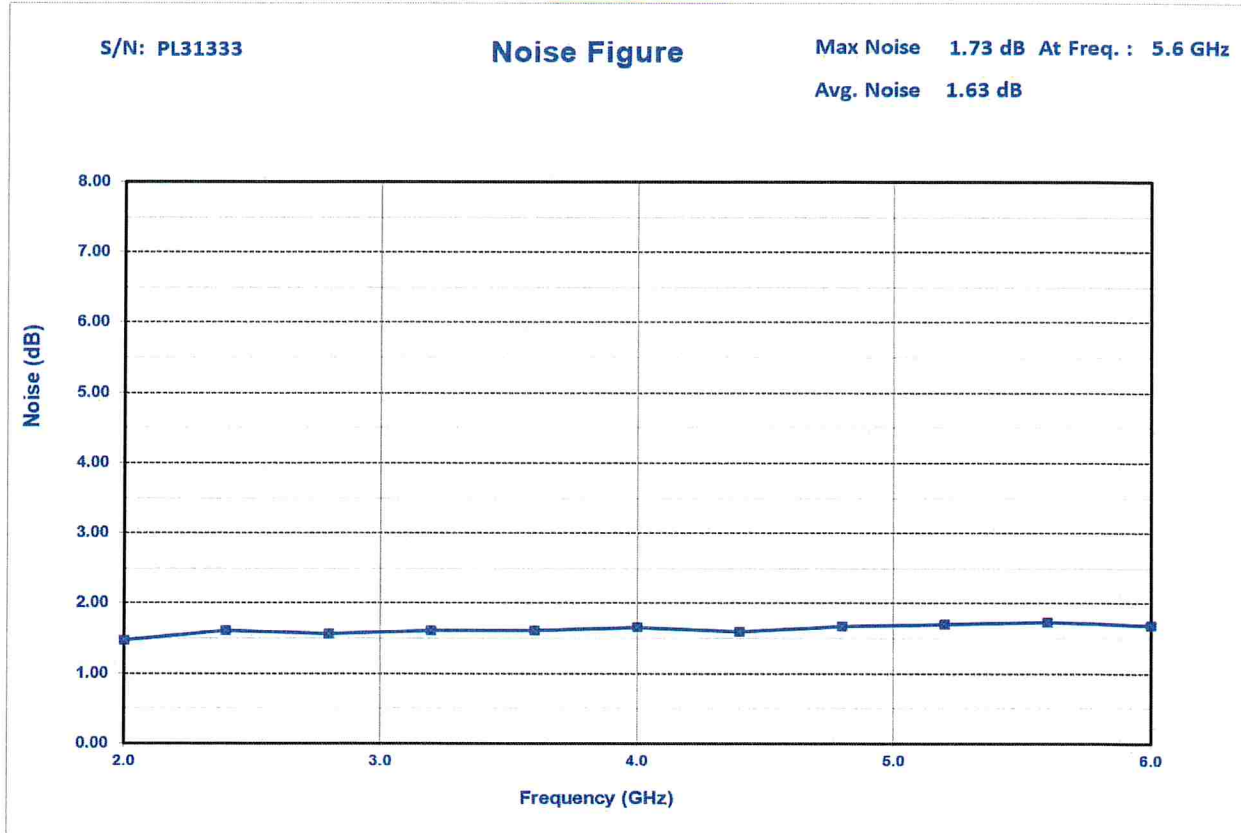




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Noise Figure Plot



OP1dB Plot

