



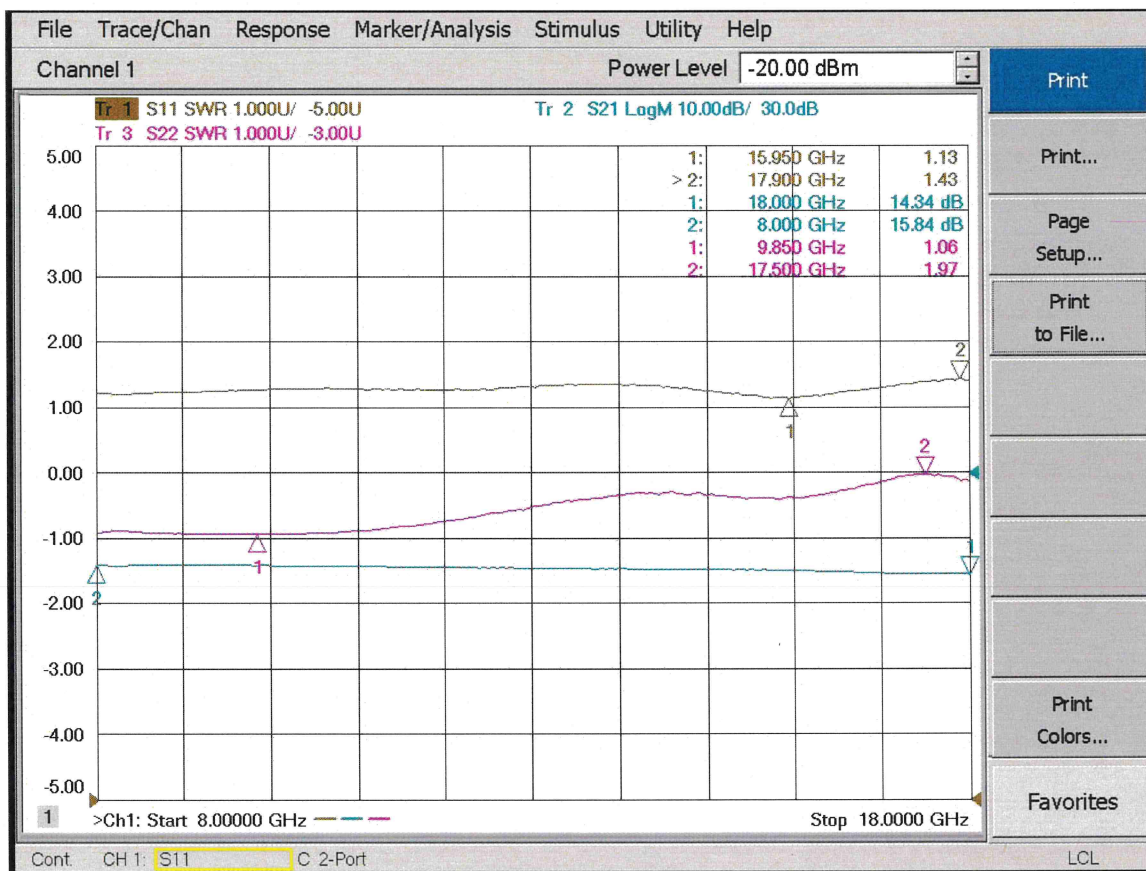
| TEST. ITEM NO | PARAMETERS              | SPECIFIED VALUE                  | TEST RESULTS           | QA QC   |
|---------------|-------------------------|----------------------------------|------------------------|---------|
| 1             | Frequency Range:        | 8.0 to 18.0 GHz                  | 8.0 to 18.0 GHz        | PMI QA3 |
| 2             | Gain @ 8.0 GHz:         | 13 dB Min, 16 dB Max             | 15.84dB<br>(See Plot)  |         |
| 3             | Gain Flatness:          | ±1.50 dB Max                     | .75dB<br>(See Plot)    |         |
| 4             | Gain Slope to 18.0 GHz: | -2.5 dB to -3.5 dB               | 1.5dB<br>(See Plot)    |         |
| 5             | Noise Figure:           | 4.7 dB Max                       | 3.228dB<br>(See Plot)  |         |
| 6             | OP1dB:                  | +18 dBm Typ                      | 18.04dBm<br>(See Plot) |         |
| 7             | VSWR Input:             | 1.67:1 Max                       | 1.43:1<br>(See Plot)   |         |
| 8             | VSWR Output:            | 2.25:1 Max                       | 1.97:1<br>(See Plot)   |         |
| 9             | Maximum Input:          | +30 dBm CW                       | Pass                   |         |
| 10            | DC Supply:              | +12.5 to +28 VDC<br>@ 250 mA Typ | 100mA                  |         |

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

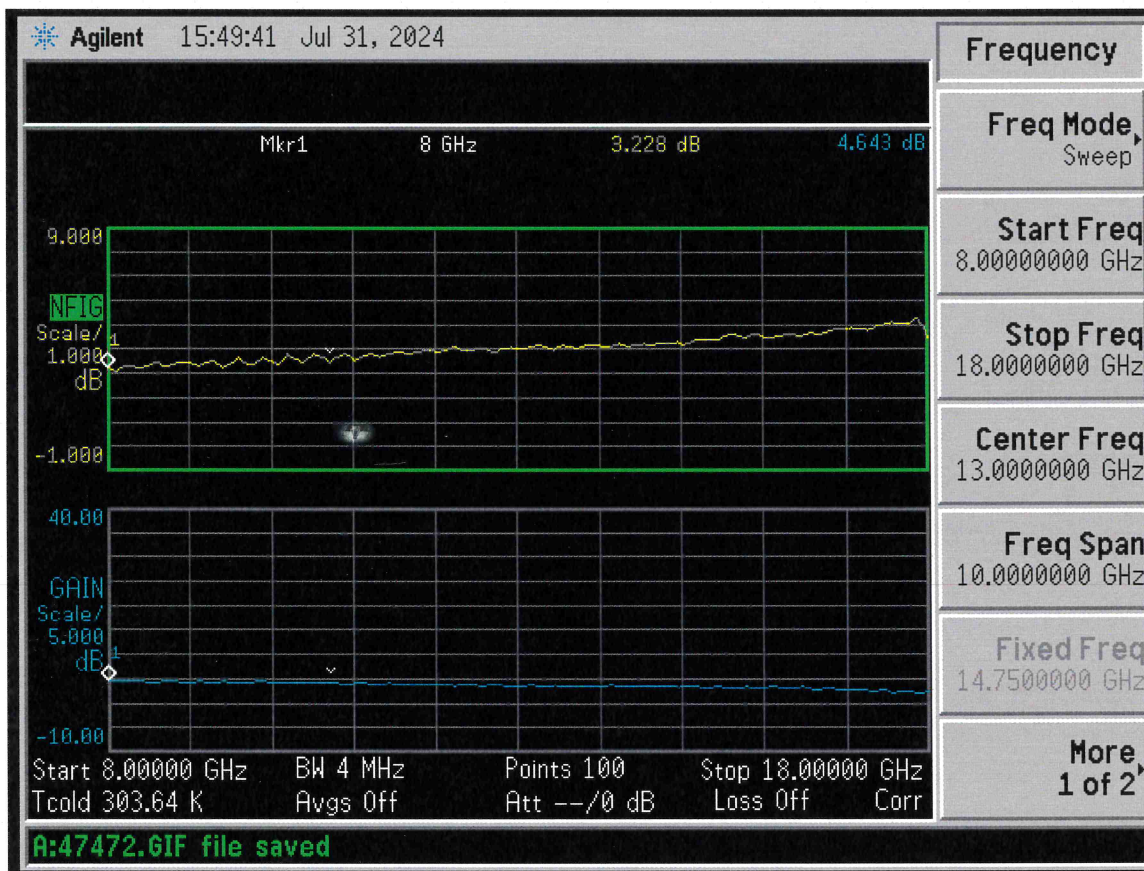
**GAIN & VSWR**





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

**NOISE FIGURE**





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

**P-1dB**

