



**SUMMARY TEST DATA  
ON  
PS-360-3237-8-292FF**

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PS-360-3237-8-292FF  
 Serial No: PL25477/1917

Tested By: K. Mansfield  
 Temp: +25°C  
 Date: Thursday, May 02, 2019  
 Drawing No: 27617037      Rev: B1

| TEST ITEM NO. | PARAMETERS                                      | SPECIFIED VALUE                          | TEST RESULTS                           | QA QC       |             |
|---------------|---|--|--|-------------|-------------|
| 1             | Frequency Range:                                | 32 GHz to 37 GHz                         | 32 GHz to 37 GHz                       | PMI<br>QA 1 |             |
| 2             | Insertion Loss:                                 | 13.0 dB Typ.                             | 14.4 dB<br>See Plot                    |             |             |
| 3             | VSWR Input:<br>(J2)                             | 2.0:1 Typ.<br>2.3:1 Max.                 | 1.9:1                                  |             |             |
| 4             | VSWR Output:<br>(J1)                            | 2.5:1 Typ.<br>3.0:1 Max.                 | 2.5:1                                  |             |             |
| 5             | Step Size:<br>(LSB)                             | 1.40625°                                 | 1.72903°                               |             |             |
| 6             | Phase Shift:<br>(Max.)                          | 358.59375°                               | 358.93903°                             |             |             |
| 7             | Amplitude Error:                                | ±1.50 dB Typ.                            | ±1.9 dB                                |             |             |
| 8             | Phase Shift Error:                              | ±5.0° Typ.                               | +0.6°<br>0.1°<br>See Plot              |             |             |
| 9             | Switching Speed:<br>(10% to 90% of Phase Shift) | 500 ns Max.                              | <300 ns<br>See Typical Characteristics |             |             |
| 10            | Voltage:  | +15 V @ 90 mA Max.<br>-15 V @ 60 mA Max. | +15 V @ 14 mA<br>-15 V @ 9 mA          |             | PMI<br>QA 1 |

QA/QC Approval:       PMI  
QA 1

Date: 5/2/19



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