



## SUMMARY TEST DATA ON DTA-2G18G-60-CD-1-OPT618-2

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-2G18G-60-CD-1-OPT618-2  
 Serial No: PL27230/1949

Tested By: K. Mansfield  
 Date: Wednesday, December 04, 2019  
 Temperature: +25° C  
 Drawing No: 27637060 Rev: A1

| TEST ITEM NO. | PARAMETERS                              | SPECIFIED VALUE                            | RESULTS  | QA QC   |
|---------------|---|--|--|---------|
| 1             | Frequency Range:                        | 6.0 to 18 GHz                              | 6.0 to 18 GHz  | PMI QA1 |
| 2             | Mean Attenuation Range:                 | 60 dB                                      | 61 dB  |         |
| 3             | Insertion Loss:                         | 4.5 dB Max.                                | 4 dB<br>See Plot   |         |
| 4             | VSWR:                                   | 2.0:1 Max.                                 | 1.8:1<br>See Plot  |         |
| 5             | Flatness to 20 dB:                      | ± 1.0 dB Typ.                              | ± 0.75 dB  |         |
| 6             | Flatness to 40 dB:                      | ± 1.25 dB Typ.                             | ± 0.8 dB   |         |
| 7             | Flatness to 60 dB:                      | ± 3.0 dB Typ.                              | ± 2.74 dB  |         |
| 8             | Accuracy of Attenuation<br>0 to 20 dB:  | ± 1.0 dB Typ.                              | ± 0.59 dB  |         |
| 9             | Accuracy of Attenuation<br>20 to 40 dB: | ± 1.5 dB Typ.                              | ± 0.8 dB   |         |
| 10            | Accuracy of Attenuation<br>40 to 60 dB: | ± 2.0 dB Typ.                              | ± 2.03 dB  |         |
| 11            | Minimum Attenuation Step:               | 0.06 dB                                    | 0.02 dB  |         |
| 12            | Survival Power:                         | 1 W Average<br>from -65°C to +25°C         | Pass   |         |
| 13            | Switching Time:                         | On Time 1 µs Max.<br>Off Time 0.5 µs Max.  | On: < 1.0 µs<br>Off: < 0.5 µs<br>See Typical Characteristics |         |
| 14            | DC Power Supply:                        | +15 V @ 100 mA Max.<br>-15 V @ 100 mA Max. | +15 V @ 72 mA<br>-15 V @ 49 mA                               | PMI QA1 |

QA/QC Approval:  PMI QA1

Date: 12/5/19



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