



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: PL27234/1949

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 QA 1 | |
| 2 | Mean Attenuation Range: | 60 dB | 62 dB | | |
| 3 | Insertion Loss: | 4.5 dB Max. | 4.1 dB See Plot | | |
| 4 | VSWR: | 2.0:1 Max. | 1.7:1 See Plot | | |
| 5 | Flatness to 20 dB: | ± 1.0 dB Typ. | ± 0.84 dB | | |
| 6 | Flatness to 40 dB: | ± 1.25 dB Typ. | ± 0.86 dB | | |
| 7 | Flatness to 60 dB: | ± 3.0 dB Typ. | ± 2.56 dB | | |
| 8 | Accuracy of Attenuation 0 to 20 dB: | ± 1.0 dB Typ. | ± 0.82 dB | | |
| 9 | Accuracy of Attenuation 20 to 40 dB: | ± 1.5 dB Typ. | ± 1.56 dB | | |
| 10 | Accuracy of Attenuation 40 to 60 dB: | ± 2.0 dB Typ. | ± 1.47 dB | | |
| 11 | Minimum Attenuation Step: | 0.06 dB | 0.02 dB | | |
| 12 | Survival Power: | 1 W Average from -65°C to +25°C | Pass | | |
| 13 | Switching Time: | On Time 1 µs Max. Off Time 0.5 µs Max. | On: < 1.0 µs Off: < 0.5 µs See Typical Characteristics | | |
| 14 | DC Power Supply: | +15 V @ 100 mA Max. -15 V @ 100 mA Max. | +15 V @ 73 mA -15 V @ 49 mA | | PMI QA 1 |

QA/QC Approval:  PMI
QA 1

Date: 12/5/19



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