# SUMMARY TEST DATA
# ON
# DTA-0R5G18G-60-CD-1

Customer: _____ Tested By: A. Mousavi

Job No: _____ Date: Monday, May 12, 2025

Model No: DTA-0R5G18G-60-CD-1 Temperature: +25° C

Serial No: 44449 Drawing No: 27617795 Rev: A2

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | RESULTS | QA QC |
|---|---|---|---|---|
| 1 | Frequency Range: | 0.5 GHz – 18 GHz | 0.5 GHz – 18 GHz | PMI QA2 |
| 2 | Insertion Loss: | 4.8 dB Max. | 4.4 dB See Plot | |
| 3 | VSWR: | 2.0:1 Max. | 1.9:1 See Plot | |
| 4 | Flatness to 20 dB: | ± 1.0 dB Typ. | ±0.64 dB See Plot | |
| 6 | Flatness to 40 dB: | ± 1.25 dB Typ. | ±1.21 dB See Plot | |
| 7 | Flatness to 60 dB: | ± 3.0 dB Typ. | ±2.79 dB See Plot | |
| 8 | Accuracy of Attenuation 0 to 20 dB: | ± 1.0 dB Typ. | ±0.11 dB See Plot | |
| 9 | Accuracy of Attenuation 20 to 40 dB: | ± 1.5 dB Typ. | ±0.34 dB See Plot | |
| 10 | Accuracy of Attenuation 40 to 60 dB: | ± 2.0 dB Typ. | ±0.61 dB See Plot | |
| 11 | Switching Speed: | 1.0 µs Max. On | < 1.0 us See Typical Characteristics | |
| 12 | DC Supply: | +15 VDC @ 150 mA Max. | 120 mA | PMI QA2 |

| Programed Attenuation | Attenuation | Accuracy of Attenuation | Flatness dB |
|---|---|---|---|
| dB | dB | dB | ±dB |
| 0.0625 | 0.07 | -0.01 | 0.02 |
| 0.125 | 0.12 | 0.00 | 0.03 |
| 0.25 | 0.23 | 0.02 | 0.04 |
| 0.50 | 0.49 | 0.01 | 0.06 |
| 1.00 | 1.01 | -0.01 | 0.10 |
| 2.00 | 2.02 | -0.02 | 0.22 |
| 4.00 | 4.05 | -0.05 | 0.39 |
| 8.00 | 8.01 | -0.01 | 0.48 |
| 16.00 | 16.03 | 0.27 | 0.45 |
| 32.00 | 31.73 | 0.27 | 1.07 |
| 62.00 | 61.64 | 0.36 | 3.32 |
| 63.94 | 63.45 | 0.49 | 3.33 |

| Programed Attenuation | Attenuation | Accuracy of Attenuation | Flatness dB |
|---|---|---|---|
| dB | dB | dB | ±dB |
| 5.00 | 5.02 | -0.02 | 0.44 |
| 10.00 | 10.03 | -0.03 | 0.38 |
| 15.00 | 14.91 | 0.09 | 0.38 |
| 20.00 | 19.89 | 0.11 | 0.64 |
| 25.00 | 24.78 | 0.22 | 0.86 |
| 30.00 | 29.76 | 0.24 | 1.03 |
| 35.00 | 34.68 | 0.32 | 1.12 |
| 40.00 | 39.66 | 0.34 | 1.21 |
| 45.00 | 44.52 | 0.48 | 1.37 |
| 50.00 | 49.45 | 0.55 | 2.07 |
| 55.00 | 54.39 | 0.61 | 2.21 |
| 60.00 | 59.47 | 0.53 | 2.79 |

QA/QC Approval: _____ PMI QA2 Date: 5/14/2025

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WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

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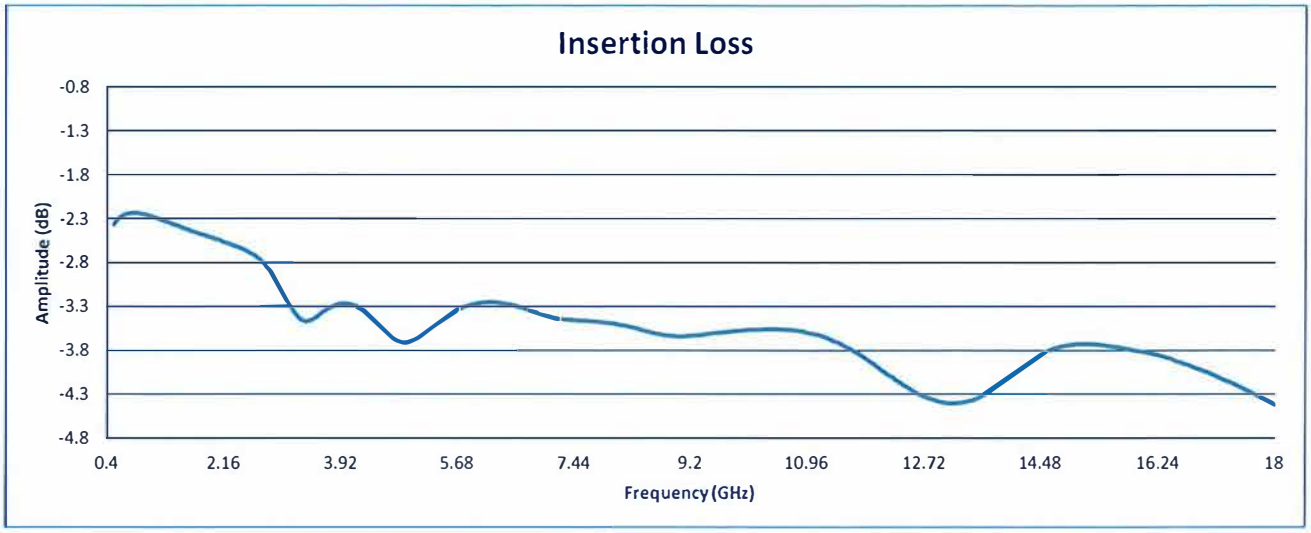


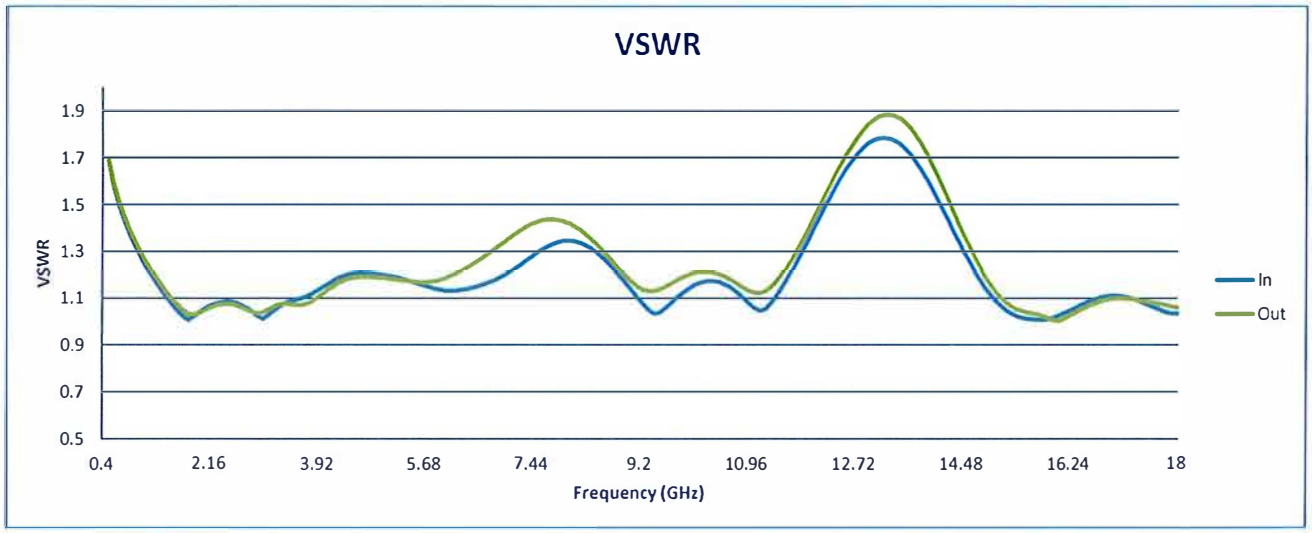


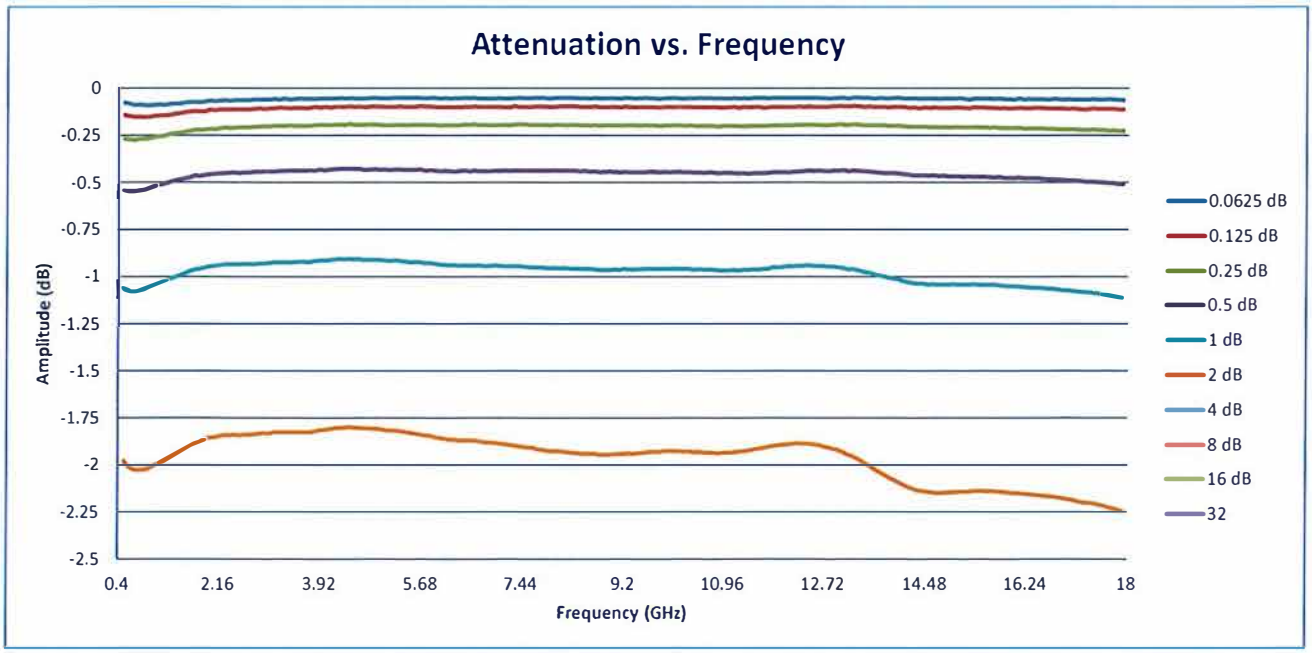


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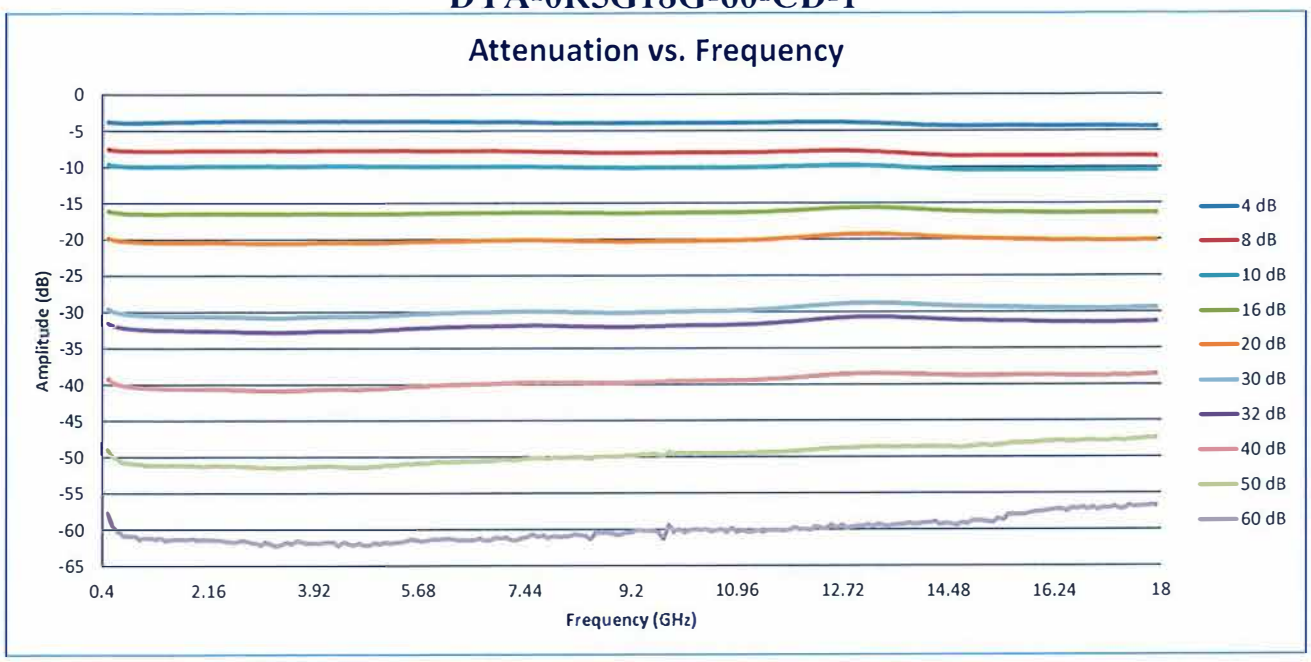


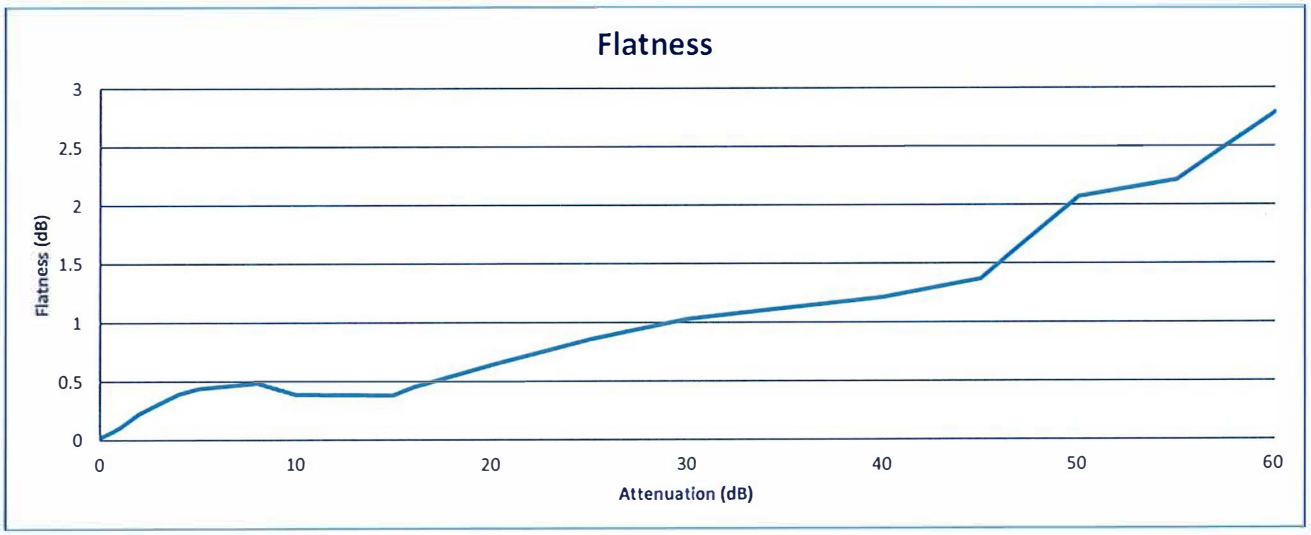


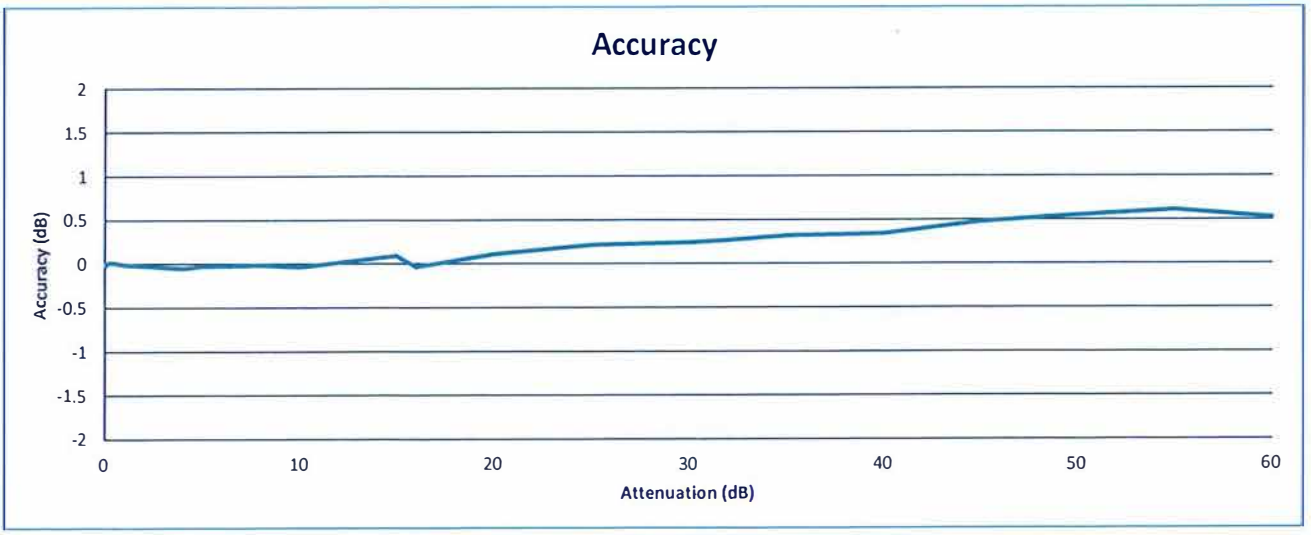


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