# SUMMARY TEST DATA
# ON
# PDC-2G18G-20C-SFF-50W

**Customer:** [redacted]
**SO No:** [redacted]
**Model No:** PDC-2G18G-20C-SFF-50W
**Serial No:** PL32866/2127

**Tested By:** Tin Lay
**Temperature:** +25°C
**Date:** 7/6/2021
**Drawing No:** 27638200 **Rev:** A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---|---|---|---|---|
| 1 | Frequency Range: | 2.0 to 18 GHz | **2.0 to 18 GHz** | PMI QA 2 |
| 2 | Insertion Loss (Excluding coupling loss 0.04 dB) | 0.7 dB MAX. | **0.49 dB (See Plot)** | |
| 3 | VSWR: | Primary: 1.40:1 MAX<br>Secondary: 1.40:1 MAX | **1.27:1 (See Plot)** | |
| 4 | Directivity: | 15 dB MIN. | **17.2 dB See Plot** | |
| 5 | Coupling: | 20 ≤ ± 0.7 dB MAX. | **20 ±0.59 dB See Plot** | |
| 6 | Frequency Sensitivity: | ≤ ±0.7 dB Over Frequency | **+0.47 dB (See Plot)** | |
| 7 | Power Handling: | Incident: 50 Watts MAX<br>Reflected: 2 Watts MAX | **Incident 50 Watts MAX<br>Reflected 2 Watts MAX<br>See Typical Characteristics** | |
| 8 | Impedance: | 50 Ω | **50 Ω** | PMI QA 2 |

**QA/QC Approval:** PMI QA 2 **Date:** 7/21/2021

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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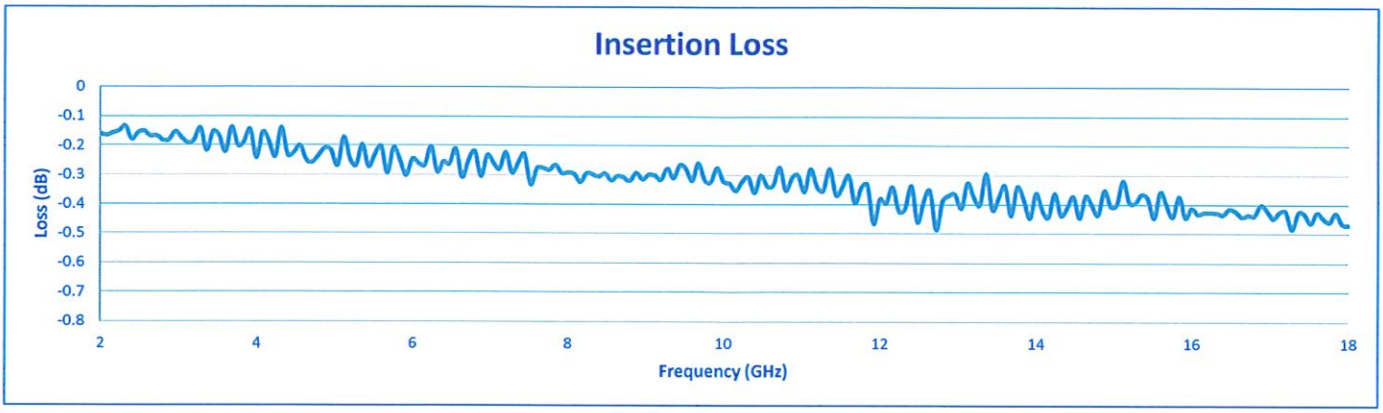
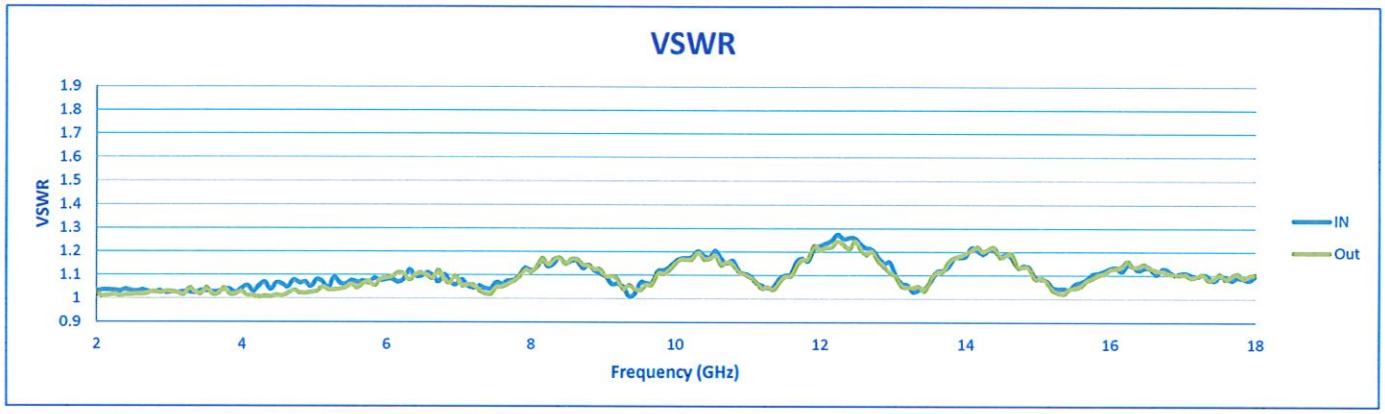
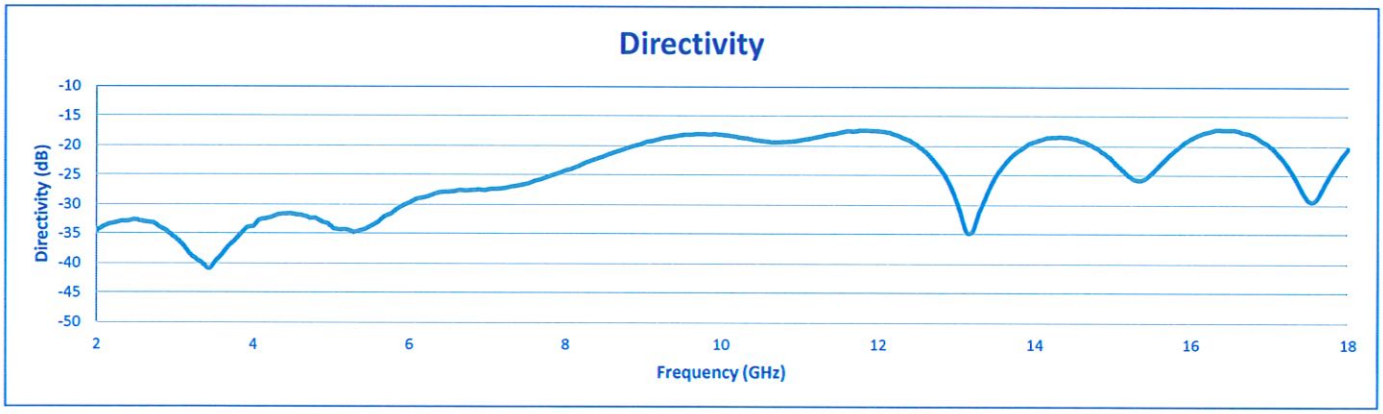
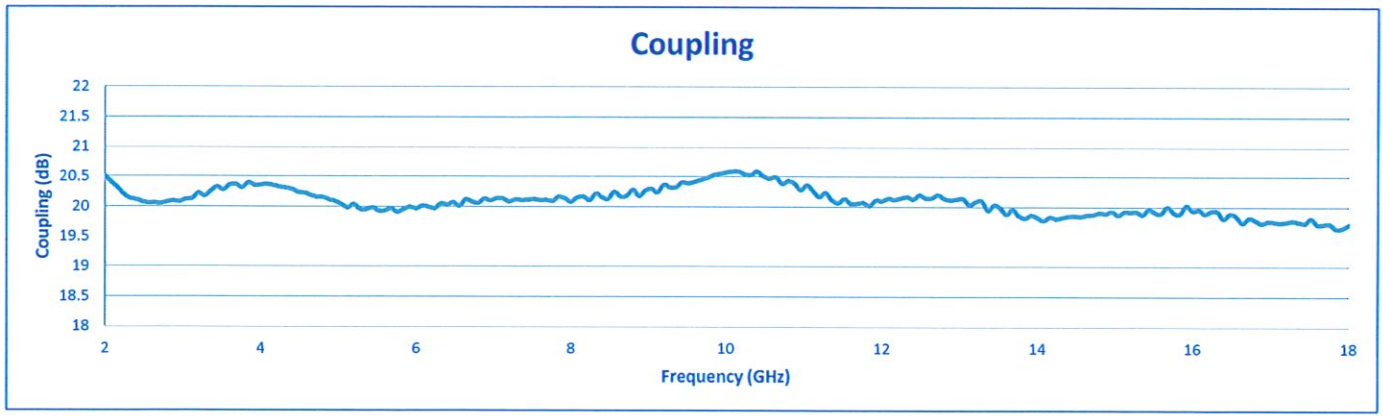
# PDC-2G18G-20C-SFF-50W

PL32866/2127

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