



**SUMMARY TEST DATA
ON
PDT-8G12G-40-515-SFF**

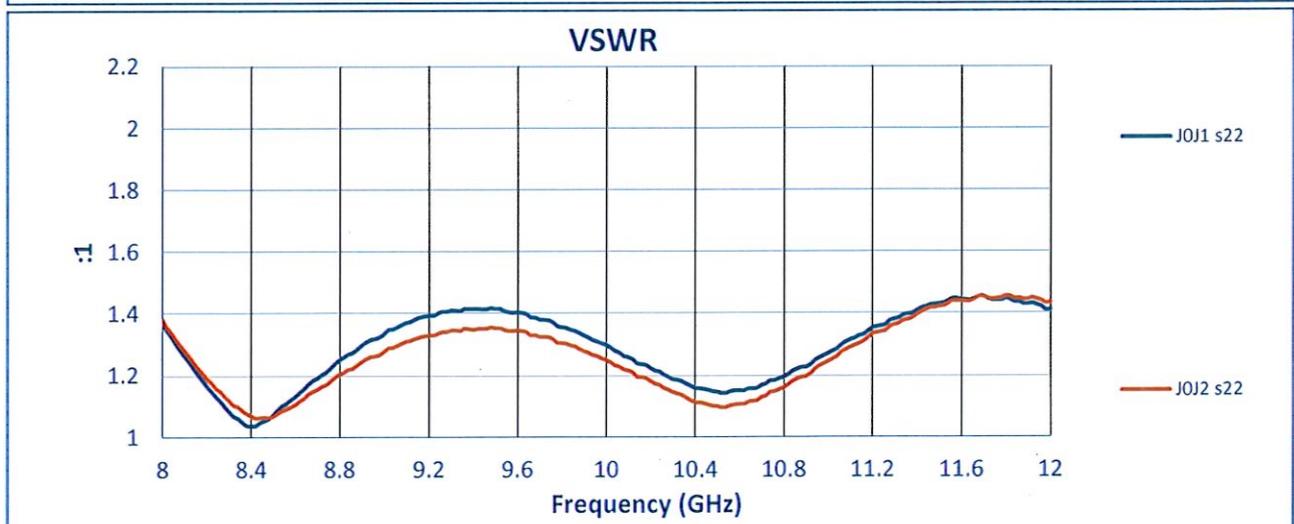
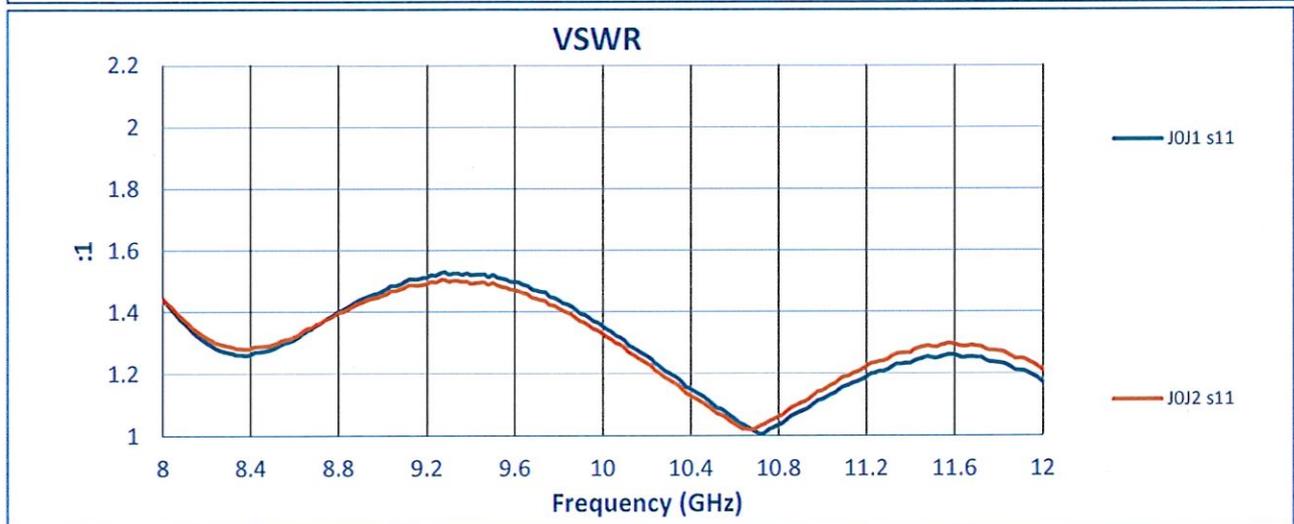
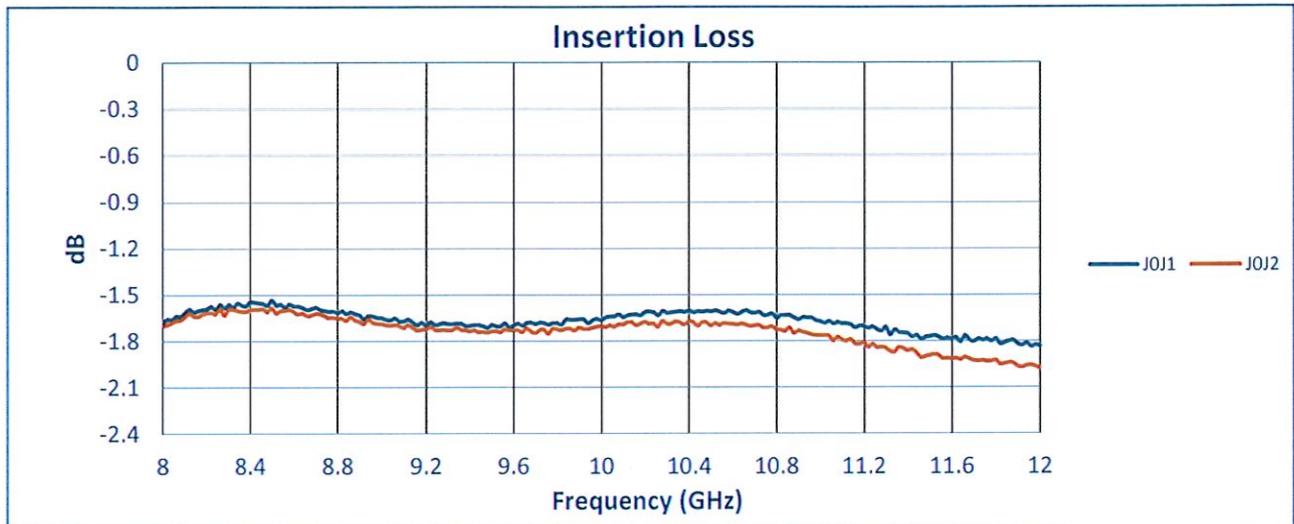
Customer: _____
 SO No: _____
 Model No: PDT-8G12G-40-515-SFF
 Serial No: PL48032/2435

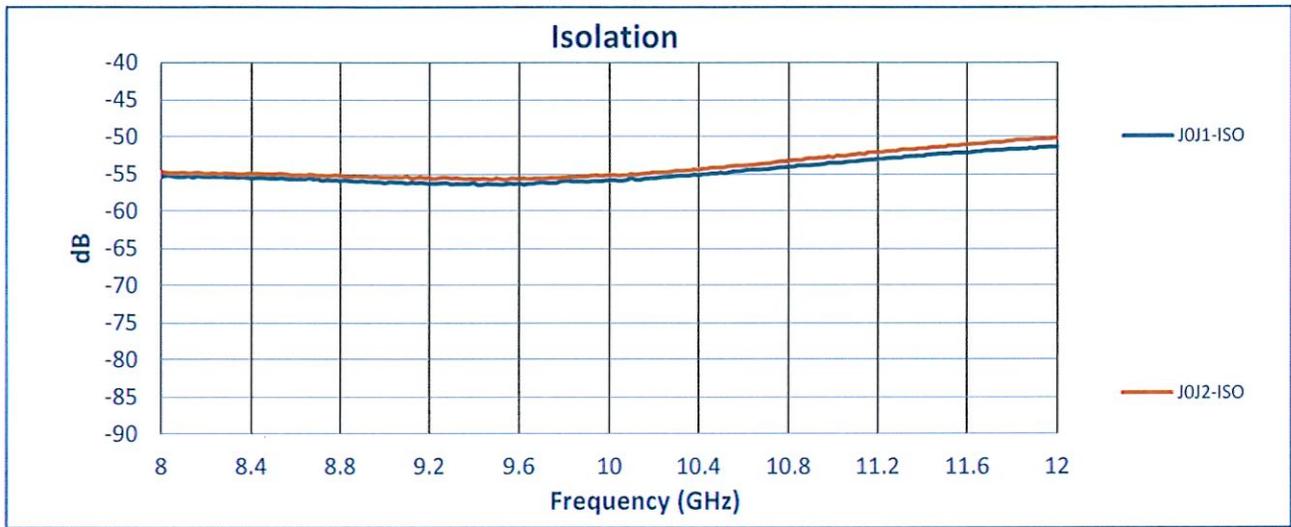
Tested By: K. Wagaman
 Temperature: 25°C
 Date: 8/30/2024
 Drawing No: 27630580 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---------------|----------------------|---|----------------------------------|---------|
| 1 | Frequency Range | 8 GHz to 12 GHz | 8 GHz to 12 GHz | PMI QA4 |
| 2 | Insertion Loss | 2 dB Max., 8-10 GHz 2.3 dB Max., 10-12 GHz | 1.75 dB 1.98 dB | |
| 3 | Isolation | 40 dB Min. | 50.1 dB | |
| 4 | Input Power | 40 dBm CW Max Operating | Pass See Typical Characteristics | |
| 5 | Operating Power Peak | 57 dBm Max 1 uS Pulse Width 1% Duty | Pass See Typical Characteristics | |
| 6 | VSWR: In/Out | 1.8:1 Typ. | 1.53:1 In 1.46:1 Out | |
| 7 | Switching Speed Max | 200 ns Max. | Pass See Typical Characteristics | |
| 8 | Power Supply | 5 V @ 100 mA -15 V @ 60 mA | 5 V @ 46 mA -15 V @ 0 mA | |
| 9 | Control Signal | TTL LOGIC '1' : J0-J1 Low Loss '0' : J0-J2 Low Loss | Pass | PMI QA4 |

QA/QC Approval: Cameron Kelley Date: 8/30/24

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 Email: sales@quanticpmi.com





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