Quantic PMI
PLANAR MONOLITHICS

# SUMMARY TEST DATA ON P1T-DC40G-65-T-24FM-1NS

Customer:
SO No:
Model No: P1T-DC40G-65-T-24FM-1NS
Serial No: PL57024/2551

Tested By: W. Gonzalez
Temperature: +25°C
Date: 12/17/2025
Drawing No: 27625373 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---|---|---|---|---|
| 1 | Frequency Range: | DC to 40 GHz | DC to 40 GHz | PMI QA4 |
| 2 | Isolation: | 65 dB Typ.<br>55 dB Min. | 61 dB<br>See Plot | |
| 3 | Insertion Loss: | 5.5 dB Typ<br>6.8 dB Max. | 6.21 dB<br>See Plot | |
| 4 | VSWR:<br>In/Out | 2.0:1 Typ.<br>2.2:1 Max. | In 2.03:1<br>Out 2.2 :1<br>See Plot | |
| 5 | Input Power: | +17 dBm CW Max. | See Typical Characteristics | |
| 6 | Switching Speed: | 5 ns Typ.<br>6 ns Max. | See Typical Characteristics | |
| 7 | Rise/Fall Time: | 0.9 ns Typ.<br>1 ns Max. | See Typical Characteristics | |
| 8 | Control Signal: | TTL "1" On | Pass | |
| 9 | DC Voltage: | +8 to +15 V @ 15 mA Max.<br>-8 to -15 V @ 40 mA Max. | +8 to +15 V @ 10 mA<br>-8 to -15 V @ 30 mA | PMI QA4 |

QA/QC Approval: Carmen Kelly Date: 12/17/25

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Email: sales@pmi-rf.com

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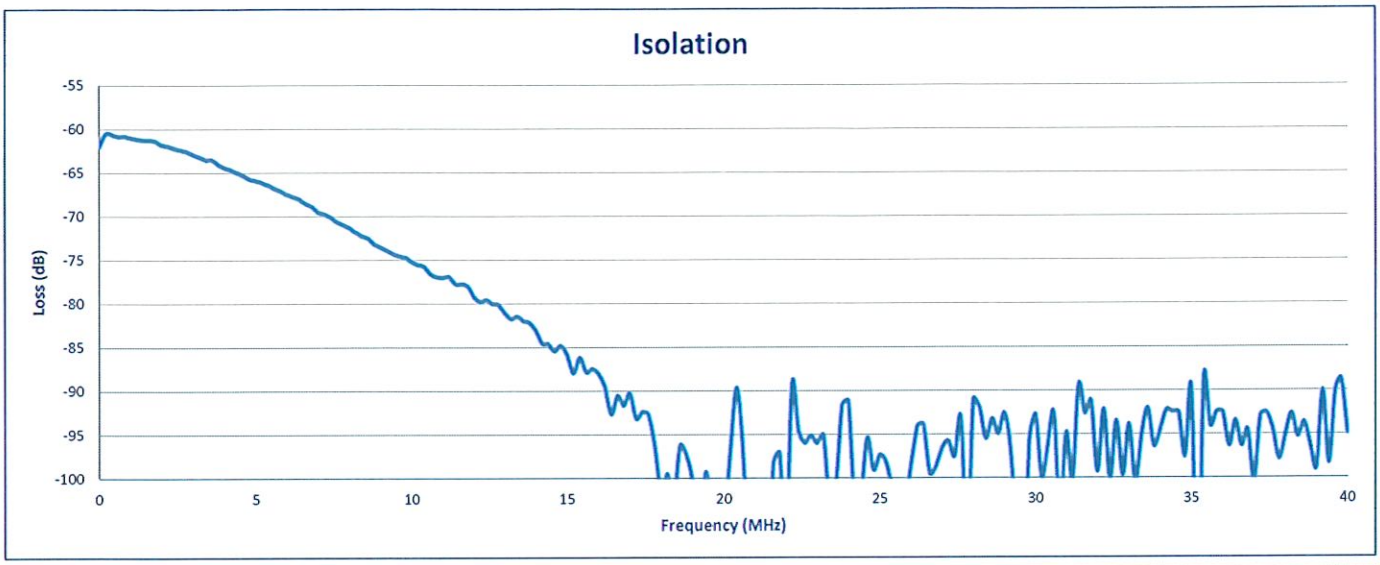

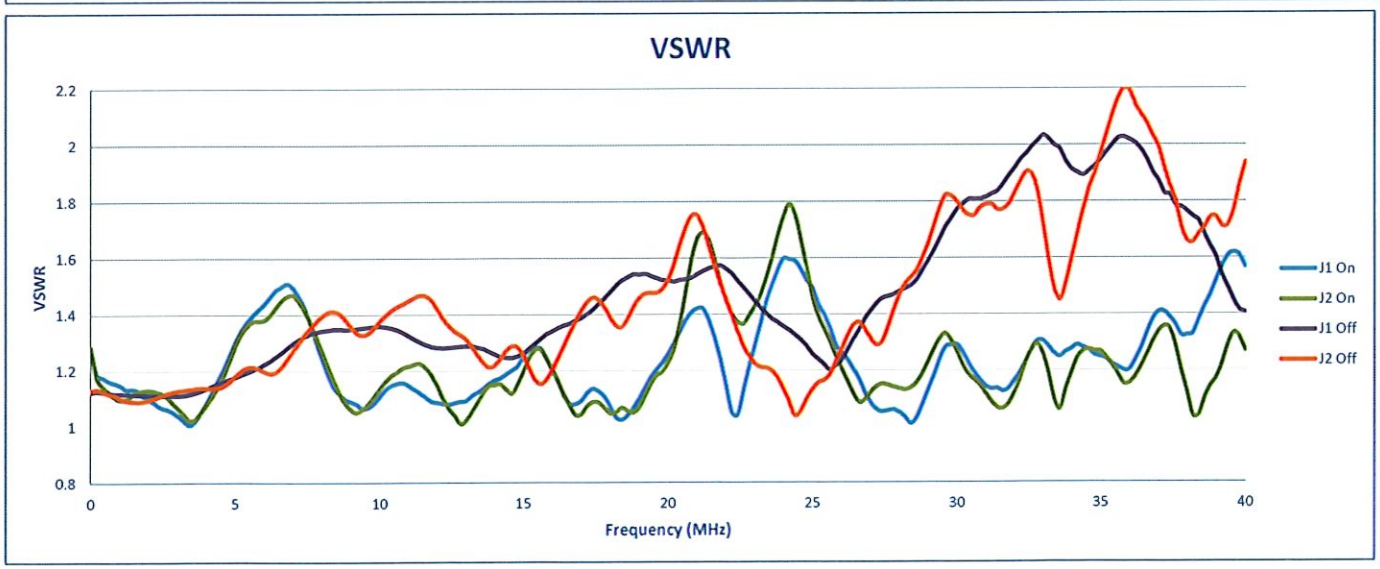


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