



**SUMMARY TEST DATA  
ON  
SDLVA-2G18G-50MV-100-NRF**

PL60852/2026

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: SDLVA-2G18G-50MV-100-NRF  
Serial No: PL60852/2026

Tested By: RCombs  
Temperature: +25° C  
Date: 6/30/2026  
Drawing No: 27623906 Rev: A1

| TEST<br>ITEM NO. | PARAMETERS                   | SPECIFIED VALUE       | TEST RESULTS |       |       |           | QA<br>QC   |
|------------------|------------------------------|-----------------------|--------------|-------|-------|-----------|------------|
|                  |                              |                       | 65°C         | 25°C  | -30°C | Pass/Fail |            |
| 1                | Frequency lower              | 2GHz                  | 2            | 2     | 2     | PASS      | PMI<br>QAS |
|                  | Frequency upper              | 18GHz                 | 18           | 18    | 18    | PASS      |            |
| 2                | Frequency Flatness max       | ±2dB                  | 0.89         | 1.05  | 1.32  | PASS      |            |
| 3                | Input Return Loss 50Ω system | Manual plot           |              | ✓     |       | PASS      |            |
| 4                | TSS:                         | -69 dBm Minimum       | -72.8        | -73.1 | -74.0 | PASS      |            |
| 5                | VSWR:                        | 2.0:1 (Input)         |              |       |       |           |            |
| 6                | Power Input:                 | +17 dBm CW Maximum    |              |       |       |           |            |
| 7                | Logging range Top            | 5dBm                  | 5            | 5     | 5     | PASS      |            |
|                  | Logging range Bottom         | -67dBm                | -67          | -67   | -67   | PASS      |            |
| 8                | Log slope Max                | 51.5 mV/dB            | 50.6         | 51.2  | 51.5  | PASS      |            |
|                  | Log slope Min                | 48.5 mV/dB            | 49.3         | 49.6  | 49.2  | PASS      |            |
| 9                | Min step slope               | > 20 mV/dB            | PASS         | PASS  | PASS  | PASS      |            |
| 10               | Log Linearity max*           | ±1.35 dB (±1dB AMB)   | 0.88         | 0.89  | 0.89  | PASS      |            |
| 11               | Output load                  | 100Ω                  | ✓            | ✓     | ✓     |           |            |
| 12               | Log Offset:                  | ±100mV                | 0.057        | 0.015 | 0.027 | PASS      |            |
| 13               | Pulse Range:                 | 30 ns to CW           | ✓            | ✓     | ✓     | PASS      |            |
| 14               | Recovery Time:               | 60 ns Typical         |              | ✓     |       | PASS      |            |
| 15               | Rise Time:                   | 10 ns (6 ns Typical)  |              | ✓     |       | PASS      |            |
| 16               | Fall Time:                   | 40 ns Typical         |              | ✓     |       | PASS      |            |
| 17               | DC Supply:                   | +15V or +12V @ 350 mA | 267          | 256   | 235   | PASS      |            |
|                  |                              | -15V or -12V @ 180 mA | 106          | 100   | 88    | PASS      |            |
| 18               | Avg -67                      | 200±100mV             | 0.241        | 0.245 | 0.244 | PASS      |            |
|                  | Avg +5                       | 3800±100mV            | 3.803        | 3.855 | 3.872 | PASS      | PMI<br>QAS |

\*Log reference line calculated with TS average for each Frequency misurated

QA/QC Approval:

*Jordan Ryzal*

Date:

7/31/26

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731

Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)