



**SUMMARY TEST DATA  
ON  
DLVA-218-45-100MV-CW**

PL27317/2003

Customer: \_\_\_\_\_ Tested By: J. Emperador  
 SO No: \_\_\_\_\_ Temperature: -20°C , +25°C , +85°C  
 Model No: DLVA-218-45-100MV-CW Date: 01/13/2020  
 Serial No: PL27317/2003 Drawing No: 27633805 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2GHz to 18GHz	2GHz to 18GHz	PMI QA 1
2	Frequency Flatness	±2.0dB TYP.	±1.10 dB	
3	Signal Capability	Pulse (100ns – 300µs)	Pass	
4	TSS from -20°C to +85°C	-45dBm TYP.	-42.5 dBm	
5	Log Dynamic Range	-40dBm to +5dBm	-40dBm to +5dBm	
6	Log Slope	100mV/dB Nominal	105 mV/dB	
7	Log Linearity	±1.5dB Max	-83 dB	
8	DC Offset	±150mV TYP.	-33 mV	
9	Output Rise Time	25ns Max	22.9 ns	
10	Settling Time	55ns Max, 90% Output to ±0.5dB of Final Value	Pass	
11	Recovery Time	500ns Max	247 ns	
12	Input VSWR	2.5 : 1 TYP.	2.09: 1	
13	Max Input Level	+20dBm CW	+20dBm CW	
14	Power Supply	+15VDC @ 150mA Max to -15VDC @ 150mA Max	+15VDC @ 65 mA to -15VDC @ 63 mA	PMI QA 1

QA/QC Approval:  PMI QA 1 Date: 1/17/20

4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762  
 Phone: (916) 542-1401 Fax: (916) 265-2597  
 Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)