



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

PL27316/2003

Customer: _____	Tested By: <u>J. Emperador</u>
SO No: _____	Temperature: <u>-20°C , +25°C , +85°C</u>
Model No: <u>DLVA-218-45-100MV-CW</u>	Date: <u>01/13/2020</u>
Serial No: <u>PL27316/2003</u>	Drawing No: <u>27633805</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2GHz to 18GHz	2GHz to 18GHz	PMI QA1
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	94.1 mV/dB	
7	Log Linearity	±1.5dB Max	-95 dB	
8	DC Offset	±150mV TYP.	-54 mV	
9	Output Rise Time	25ns Max	23.8 ns	
10	Settling Time	55ns Max, 90% Output to ±0.5dB of Final Value	Pass	
11	Recovery Time	500ns Max	454 ns	
12	Input VSWR	2.5 : 1 TYP.	2.17: 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 QA1

QA/QC Approval: PMI QA1 Date: 1/17/20

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