



**SUMMARY TEST DATA  
ON  
DLVA-70M-80-15V**

Customer: \_\_\_\_\_

Tested by: Daniel W.

SO No: \_\_\_\_\_

Temperature: +25°C UNLESS OTHERWISE SPECIFIED

Model No DLVA-70M-80-15V

Date: 4/30/2025

Serial NO: PL52493/2518

Drawing No: 27610948

Rev: A3

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	INPUT VSWR (50 OHMS)	1.5:1 TYP.	1.6:1 MAX	<i>PMI QA</i>
2	TYPICAL OUTPUT VOLTAGE @ -70 dBm to 0 dBm	0.2 TO 2 VOLTS	0.35 TO 2.12 VOLTS	
3	LOG SLOPE	25.0 mV/dB NOMINAL	25.2 mV/dB	
4	LOG LINEARITY -80 TO 0 dBm	±1.5 dB (MAX)	±1.21 dB MAX	
5	BANDWIDTH	50 TO 90 MHz	50 TO 90 MHz	
6	RISE TIME (10% TO 90%POINTS)	30 nS (MAX)	25.8 nS	
7	LIMITED RF OUTPUT	0 dBm NOMINAL	1.8 dBm	
8	DC POWER @ +12 V No RF Input	175 mA (MAX)	150 mA	
9	DC POWER @ -12 V	100 mA (MAX)	90 mA	

QA / QC APPROVAL:

*K. Hauer*

DATED:

4-30-25



# SUMMARY TEST DATA ON DLVA-70M-80-15V

LOG TRANSFER WITH FREQUENCY  
 MODEL: DLVA-70M-80-15V  
 TESTED BY: Daniel W.  
 TEST DATE: 4/17/2025  
 SERIAL NO: PL52493  
 TEST TEMP: +25C



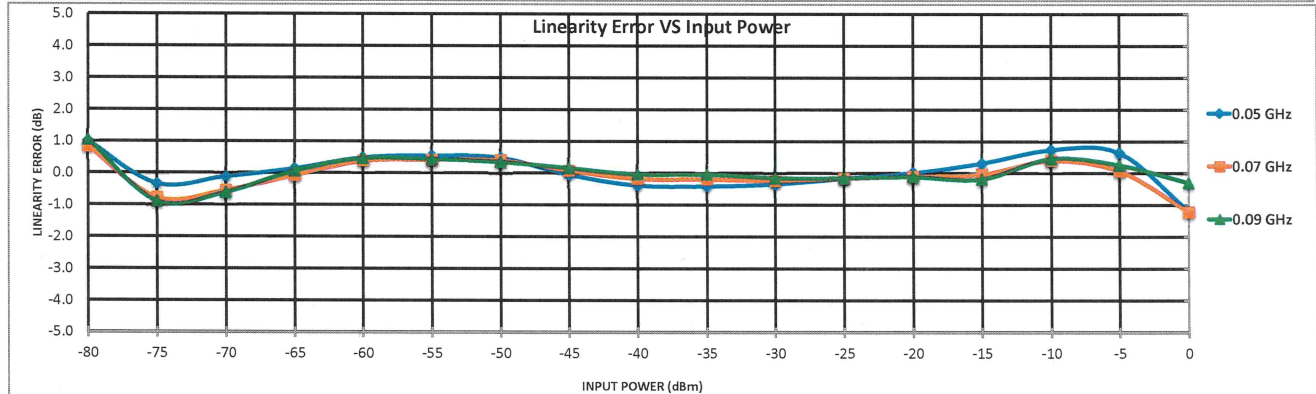
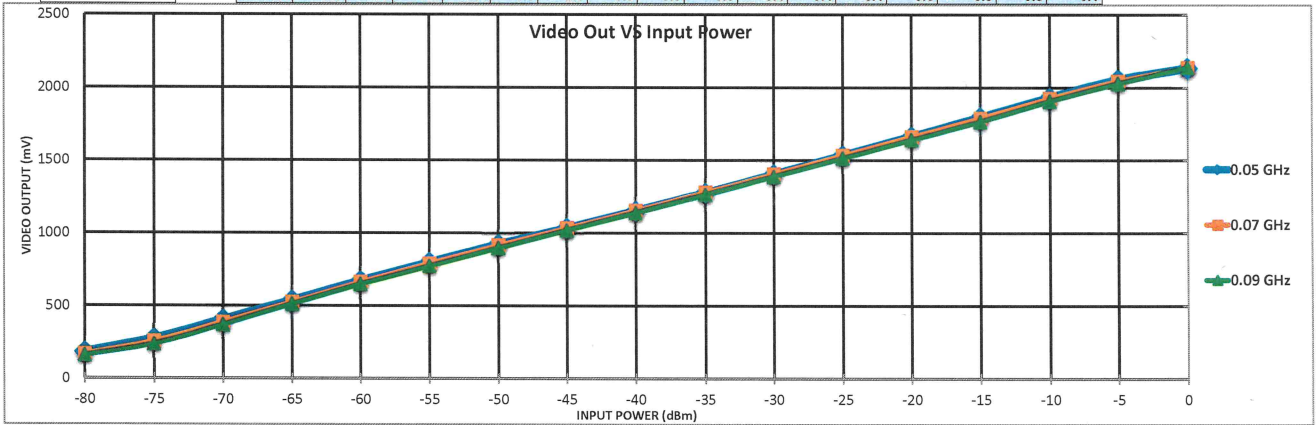
PLANAR MONOLITHICS INDUSTRIES  
 7311-F GROVE ROAD, FREDERICK, MD 21704 USA  
 TEL: 301-662-5019 FAX: 301-662-1731  
 URL: WWW.PMI-RF.COM  
 EMAIL: SALES@PMI-RF.COM

Frequency

Frequency	Intercept (mV)	Slope (mV/dB)	RF Input Power (dBm)																Measured Value (mV)	Error (mV)	Linearity Error (dB)		
0.05 GHz	2163	25.1	180	272	403	535	669	796	920	1032	1149	1274	1401	1531	1661	1794	1930	2053	2133	2163	-30	-1.18	
			25	-9	-3	3	12	14	12	-1	-10	-10	-9	-4	0	8	18	16	16	16			
			0.99	-0.34	-0.12	0.14	0.48	0.54	0.48	-0.06	-0.39	-0.41	-0.35	-0.17	0.01	0.31	0.73	0.63	0.63	0.63			
0.07 GHz	2169	25.3	169	255	387	525	663	790	916	1034	1154	1280	1405	1533	1661	1789	1926	2044	2138	2169	-31	-1.21	
			21	-19	-14	-2	10	10	10	2	-4	-5	-6	-4	-3	-1	10	2	2	2			
			0.82	-0.77	-0.54	-0.08	0.38	0.41	0.40	0.07	-0.18	-0.19	-0.24	-0.17	-0.10	-0.03	0.39	0.06	0.06	0.06			
0.09 GHz	2147	25.2	158	235	368	511	647	772	896	1017	1138	1264	1387	1513	1640	1764	1906	2027	2139	2147	-8	-0.30	
			26	-23	-15	2	12	11	9	4	-1	-1	-4	-4	-3	-5	11	6	6	6			
			1.05	-0.90	-0.61	0.06	0.46	0.42	0.35	0.15	-0.04	-0.04	-0.16	-0.16	-0.11	-0.19	0.45	0.25	0.25	0.25			

Flatness +/-dB

0.4	0.7	0.7	0.5	0.4	0.5	0.5	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.5	0.5	0.1
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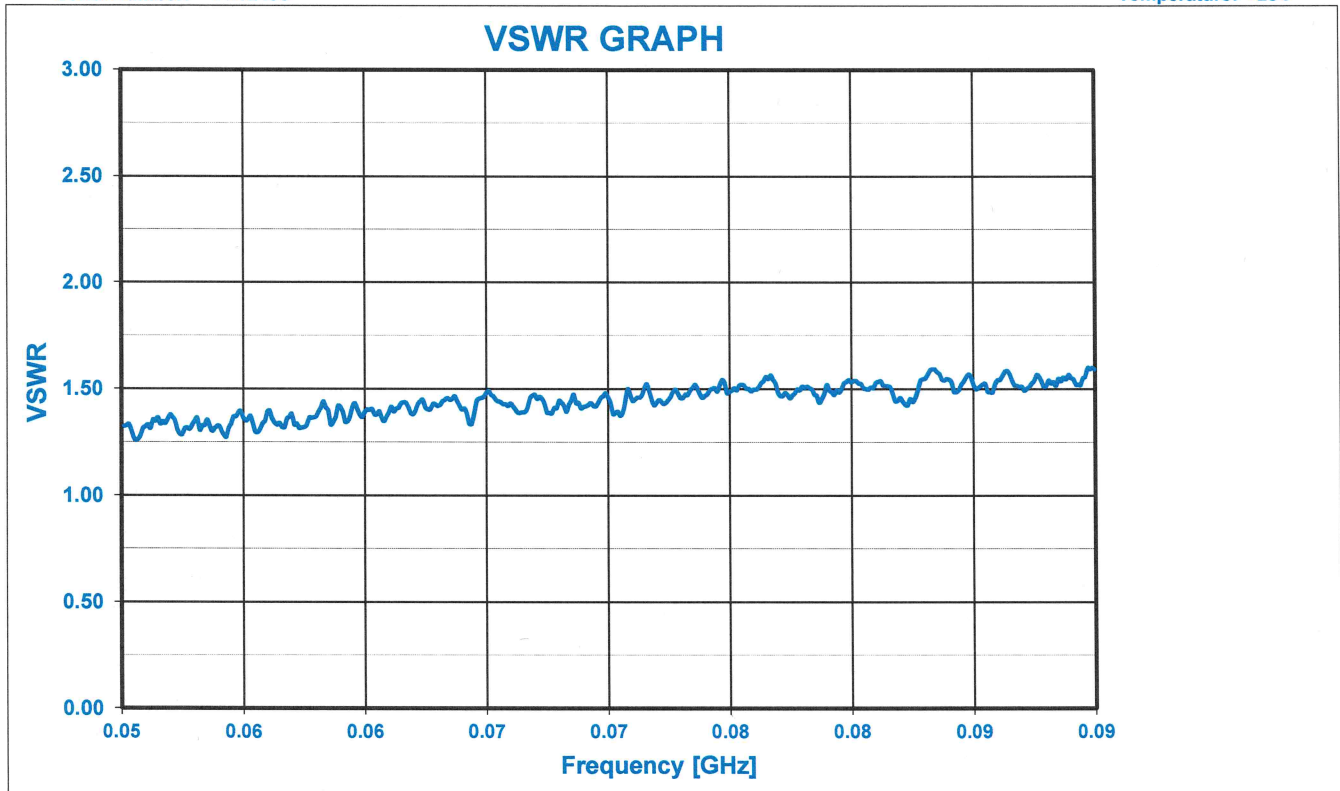




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Serial Number: PL52493

Temperature: +25C





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Rise Time = 25.8 ns

