

**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: PL52495/2518

Drawing No: 27610948

Rev: A3

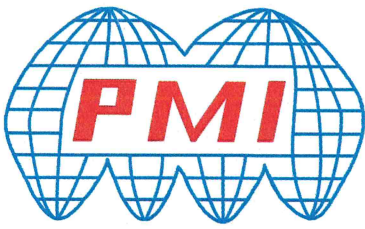
TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	INPUT VSWR (50 OHMS)	1.5:1 TYP.	1.643:1 MAX	
2	TYPICAL OUTPUT VOLTAGE @ -70 dBm to 0 dBm	0.2 TO 2 VOLTS	0.35 TO 2.12 VOLTS	
3	LOG SLOPE	25.0 mV/dB NOMINAL	25.1 mV/dB	
4	LOG LINEARITY -80 TO 0 dBm	±1.5 dB (MAX)	±1.15 dB MAX	
5	BANDWIDTH	50 TO 90 MHz	50 TO 90 MHz	
6	RISE TIME (10% TO 90%POINTS)	30 nS (MAX)	29.8 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. Kaur*

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: PL52495  
 TEST TEMP: +25C

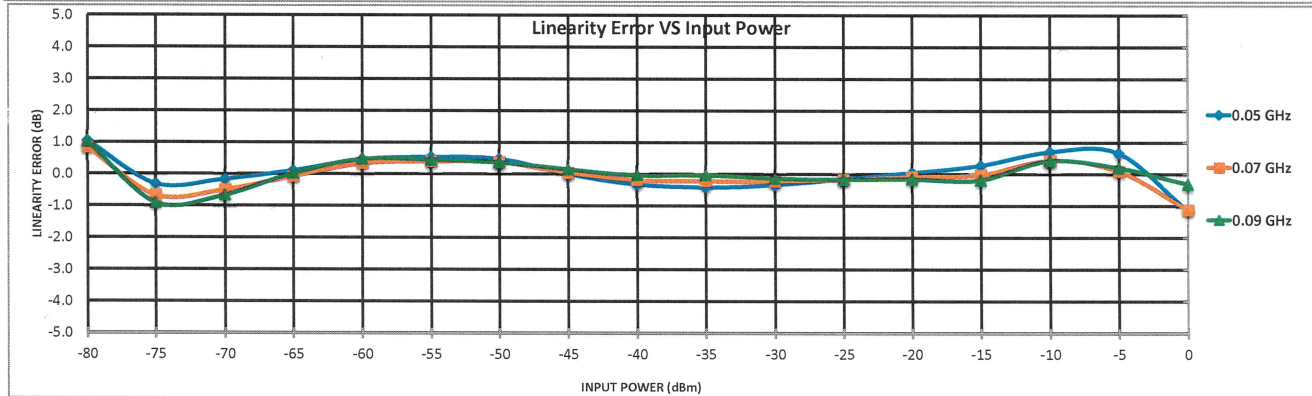
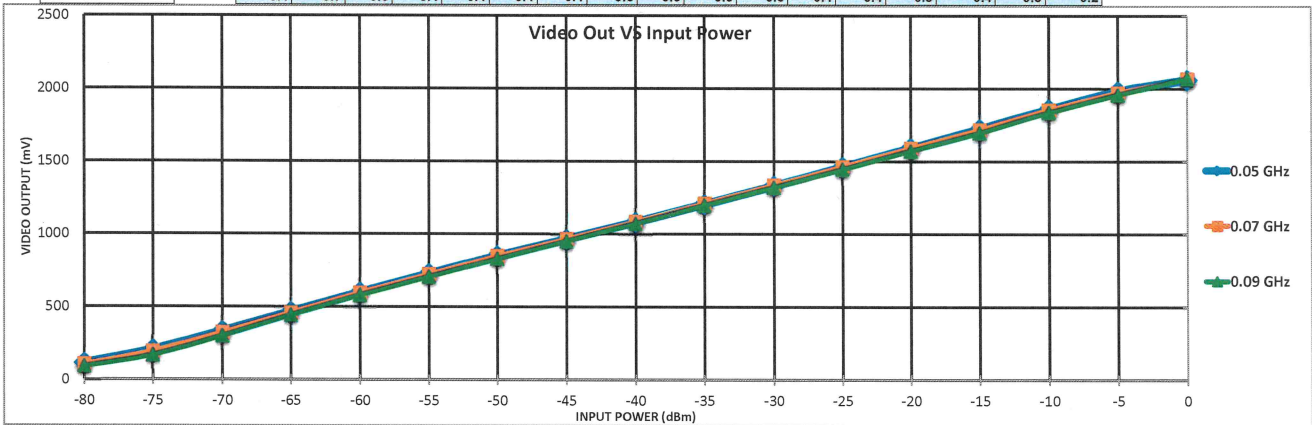


PLANAR MONOLITHICS INDUSTRIES  
 7311-F GROVE ROAD, FREDERICK, MD 21704 USA  
 TEL: 301-662-5019 FAX: 301-662-1731  
 URL: WWW.PMI-RF.COM  
 EMAIL: SALES@PMI-RF.COM

Frequency

		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
0.05 GHz	INTERCEPT (mV)	2089																	Measured Value (mV)
	SLOPE (mV/dB)	25																	Error (mV)
		112	203	332	464	598	725	849	962	1079	1202	1329	1459	1589	1720	1856	1980	2060	LINEARITY ERROR (dB)
	26	-8	-4	3	11	13	12	0	-8	-10	-9	-4	1	7	18	16	-29		
		1.05	-0.32	-0.17	0.11	0.46	0.53	0.48	0.00	-0.33	-0.42	-0.34	-0.15	0.04	0.27	0.70	0.66	-1.15	
0.07 GHz	INTERCEPT (mV)	2094																	Measured Value (mV)
	SLOPE (mV/dB)	25.1																	Error (mV)
		106	194	324	460	596	723	848	965	1085	1210	1335	1462	1590	1717	1854	1971	2066	LINEARITY ERROR (dB)
	21	-17	-12	-2	9	10	9	1	-5	-5	-6	-4	-2	0	11	2	-28		
		0.83	-0.67	-0.49	-0.08	0.34	0.40	0.38	0.03	-0.19	-0.21	-0.23	-0.17	-0.08	-0.02	0.44	0.10	-1.12	
0.09 GHz	INTERCEPT (mV)	2077																	Measured Value (mV)
	SLOPE (mV/dB)	25.1																	Error (mV)
		91	168	300	443	580	705	829	949	1070	1196	1319	1444	1570	1695	1836	1956	2069	LINEARITY ERROR (dB)
	26	-23	-17	0	12	11	9	4	-1	-1	-4	-4	-4	-5	11	5	-8		
		1.02	-0.92	-0.67	0.02	0.47	0.44	0.37	0.14	-0.04	-0.03	-0.14	-0.17	-0.16	-0.19	0.42	0.19	-0.31	

Flatness +/-dB	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
	0.4	0.7	0.6	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.5	0.2

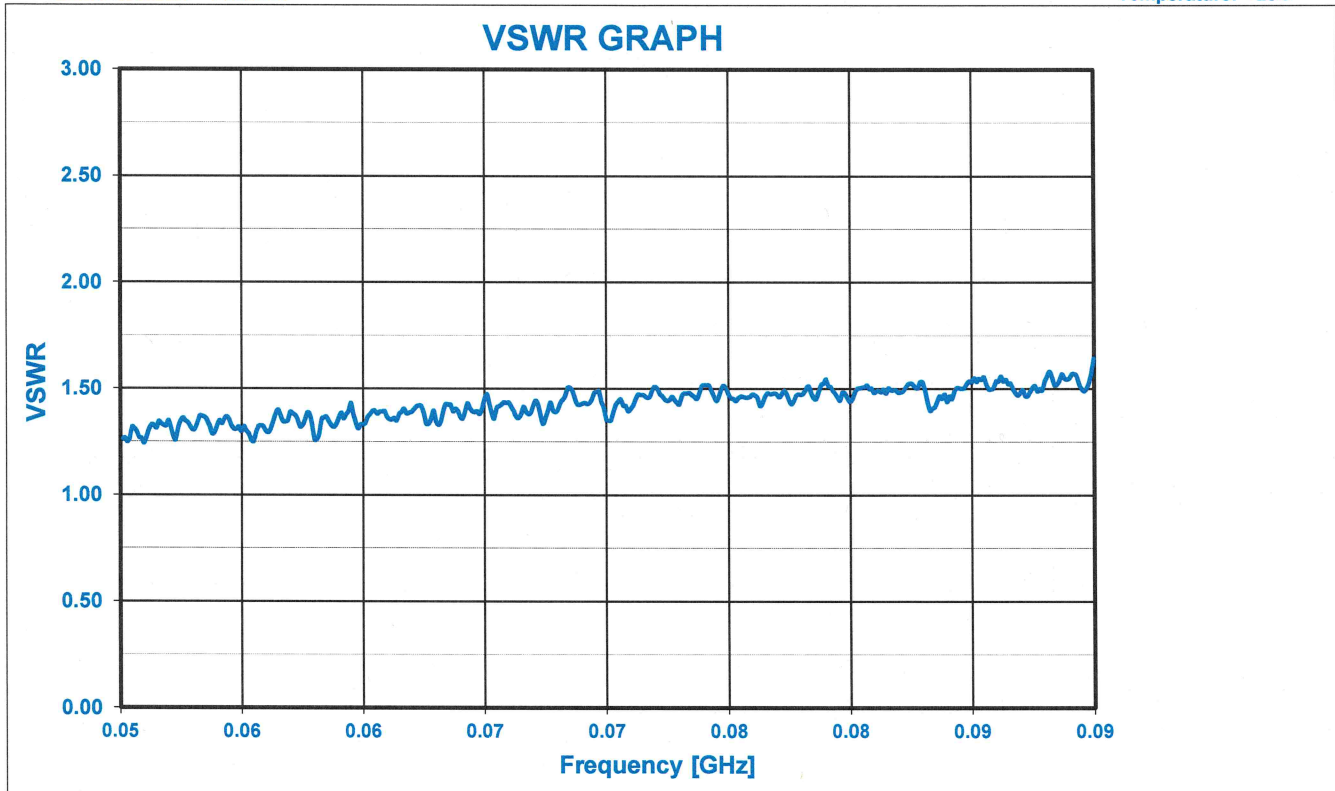




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ON  
DLVA-70M-80-15V**

Model Number: DLVA-70M-80-15V  
Serial Number: PL52495

Temperature: +25C





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

Rise Time = 29.8 ns

