



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

Customer: _____
 SO No: _____
 Model No DLVA-70M-80-15V
 Serial NO: PL52494/2518

Tested by: Daniel W.
 Temperature: +25°C UNLESS OTHERWISE SPECIFIED
 Date: 4/30/2025
 Drawing No: 27610948 Rev: A3

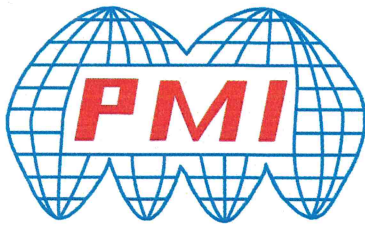
TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	INPUT VSWR (50 OHMS)	1.5:1 TYP.	1.609:1 MAX	
2	TYPICAL OUTPUT VOLTAGE @ -70 dBm to 0 dBm	0.2 TO 2 VOLTS	0.35 TO 2.12 VOLTS	
3	LOG SLOPE	25.0 mV/dB NOMINAL	24.9 mV/dB	
4	LOG LINEARITY -80 TO 0 dBm	±1.5 dB (MAX)	±1.27 dB MAX	
5	BANDWIDTH	50 TO 90 MHz	50 TO 90 MHz	
6	RISE TIME (10% TO 90%POINTS)	30 nS (MAX)	28.6 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. Mawry

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: PL52494
 TEST TEMP: +25C



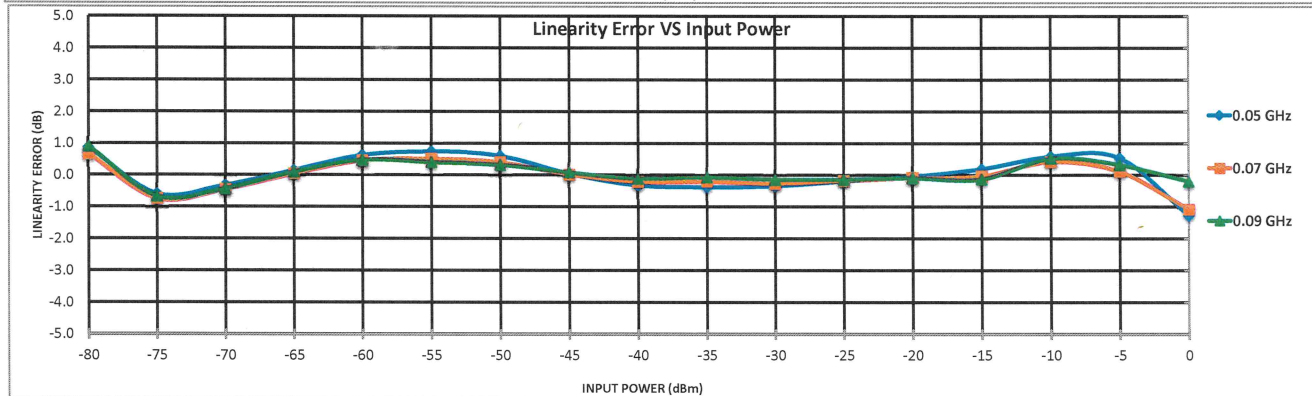
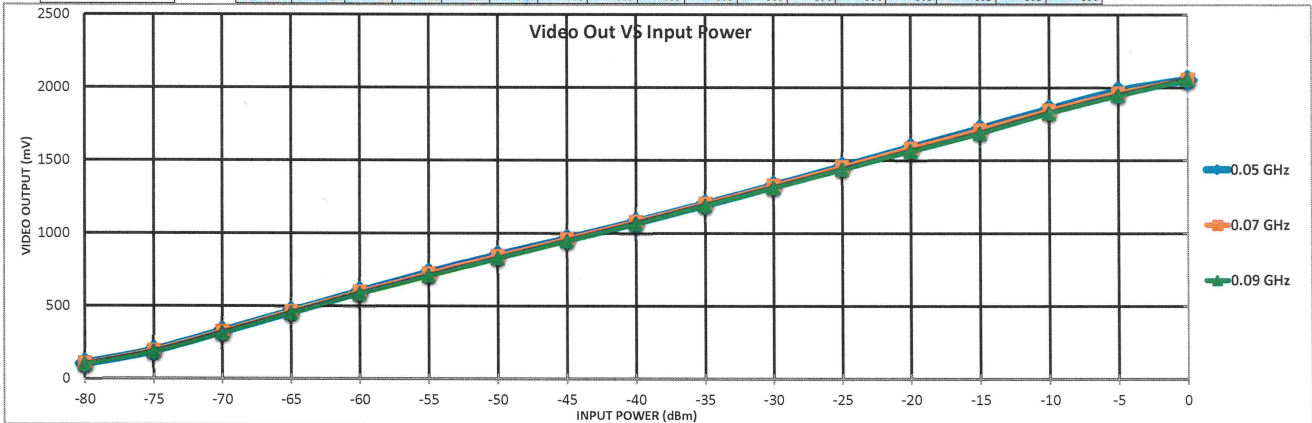
PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE ROAD, FREDERICK, MD 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
 EMAIL: SALES@PMI-RF.COM

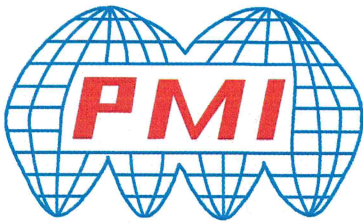
Frequency

		-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)	2085																	Measured Value (mV)
	SLOPE (mV/dB)	25																	Error (mV)
		103	192	324	461	598	726	848	959	1075	1199	1325	1454	1583	1714	1849	1973	2053	LINEARITY ERROR (dB)
		21	-15	-8	4	16	18	15	1	-8	-9	-9	-5	-1	5	15	13	-32	
		0.85	-0.59	-0.32	0.15	0.62	0.73	0.60	0.04	-0.33	-0.38	-0.35	-0.19	-0.04	0.19	0.58	0.53	-1.27	
0.07 GHz	INTERCEPT (mV)	2084																	Measured Value (mV)
	SLOPE (mV/dB)	24.9																	Error (mV)
		105	195	327	464	599	725	847	962	1081	1206	1329	1456	1583	1709	1845	1962	2057	LINEARITY ERROR (dB)
		16	-18	-11	1	11	13	10	0	-5	-5	-7	-4	-2	-1	10	3	-27	
		0.65	-0.74	-0.45	0.04	0.46	0.51	0.40	0.01	-0.21	-0.20	-0.27	-0.18	-0.09	-0.03	0.42	0.11	-1.08	
0.09 GHz	INTERCEPT (mV)	2060																	Measured Value (mV)
	SLOPE (mV/dB)	24.8																	Error (mV)
		100	185	315	452	585	707	829	947	1066	1191	1313	1437	1562	1685	1825	1944	2055	LINEARITY ERROR (dB)
		22	-17	-11	2	12	10	8	2	-3	-2	-4	-4	-2	-3	13	8	-5	
		0.89	-0.68	-0.43	0.10	0.47	0.39	0.32	0.08	-0.12	-0.07	-0.15	-0.14	-0.10	-0.14	0.52	0.32	-0.20	

Flatness +/-dB

0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.6	0.1
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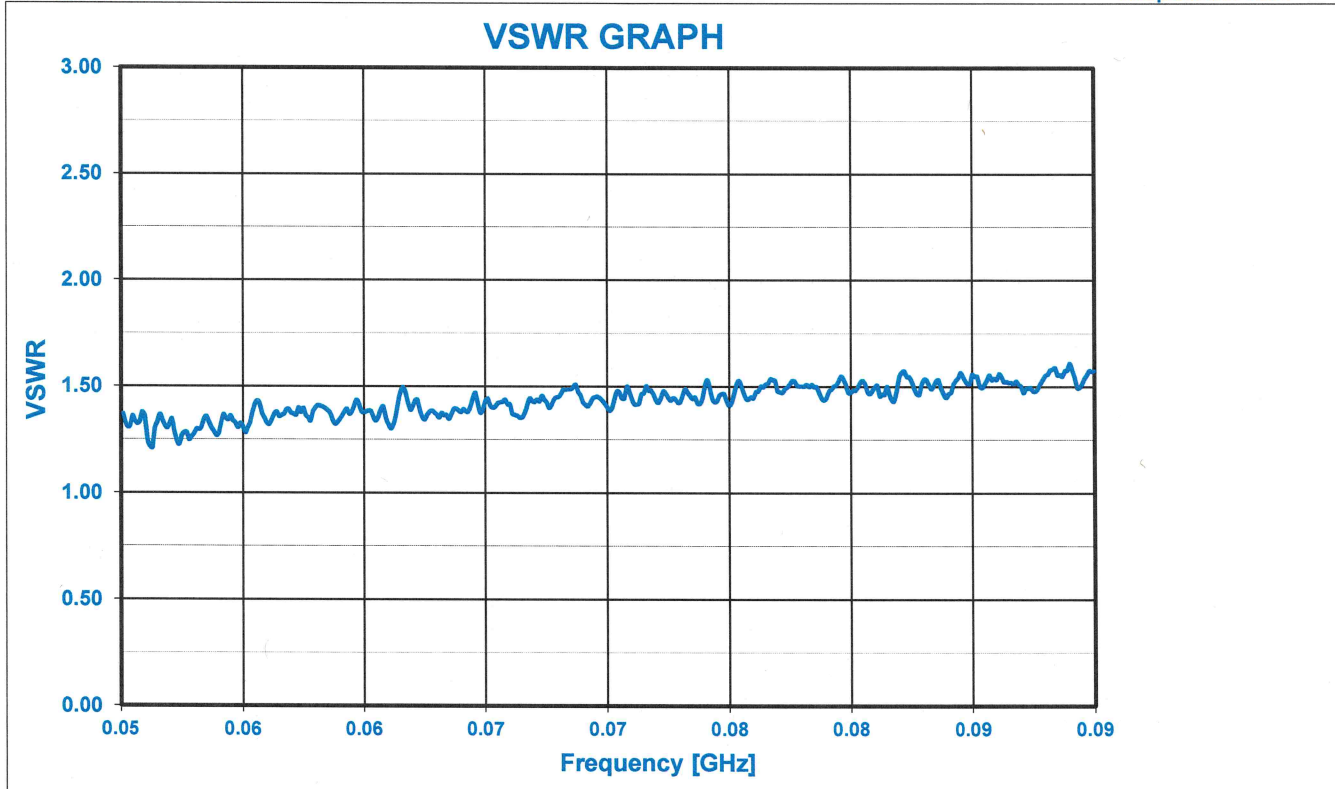


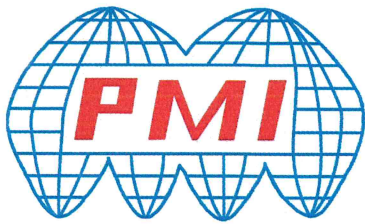


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ON
DLVA-70M-80-15V**

Model Number: DLVA-70M-80-15V
Serial Number: PL52494

Temperature: +25C





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Rise Time = 28.6 ns

