

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

Customer: _____
 SO No: _____
 Model No: DLVA-70M-80-15V
 Serial NO: PL52500/2518

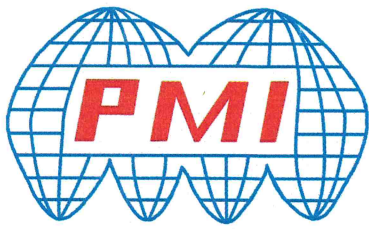
Tested by: Daniel W.
 Temperature: +25°C UNLESS OTHERWISE SPECIFIED
 Date: 4/30/2025
 Drawing No: 27610948 Rev: A3

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	INPUT VSWR (50 OHMS)	1.5:1 TYP.	1.595:1 MAX	PMI QA3
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)	±1.23 dB MAX	
5	BANDWIDTH	50 TO 90 MHz	50 TO 90 MHz	
6	RISE TIME (10% TO 90%POINTS)	30 nS (MAX)	28.8 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:

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: PL52500
 TEST TEMP: +25C



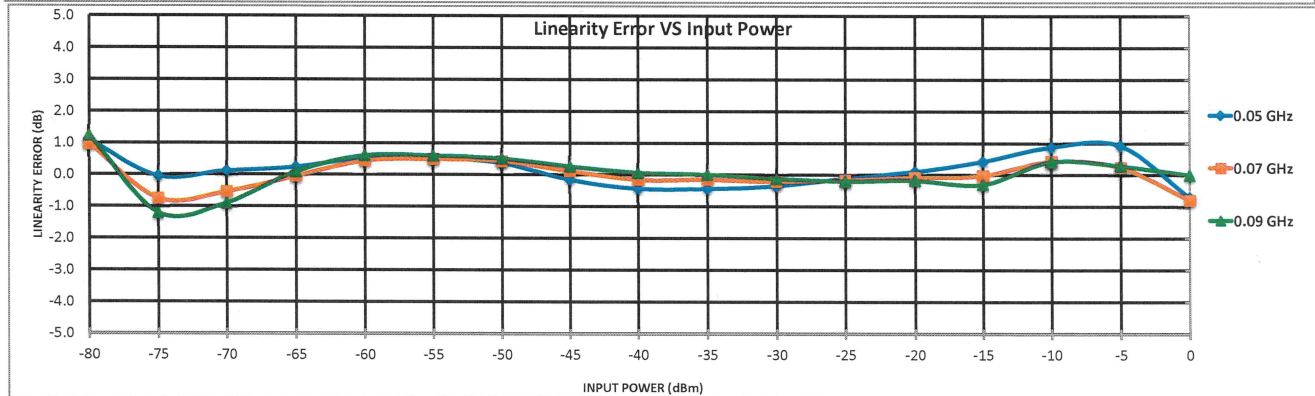
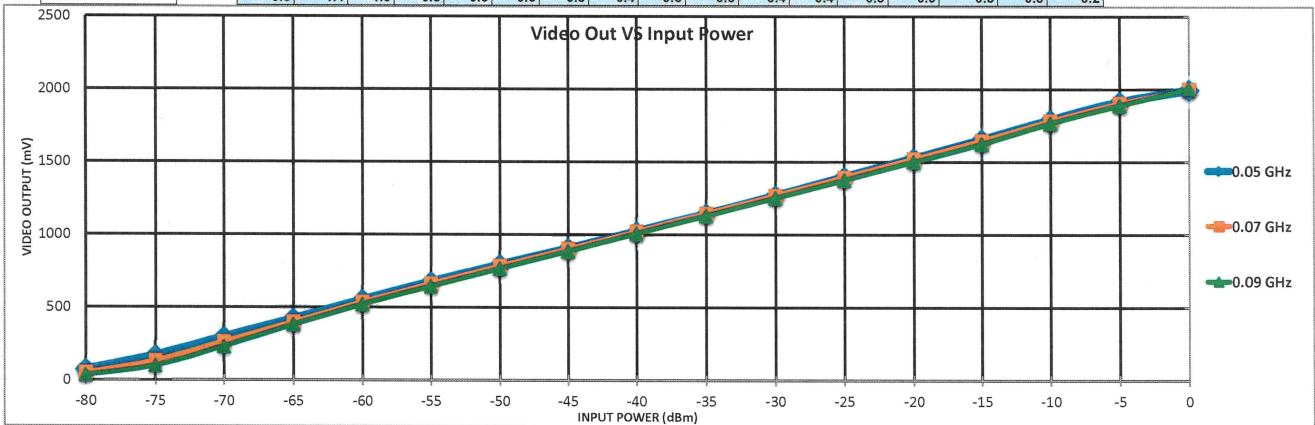
PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE ROAD, FREDERICK, MD 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
 EMAIL: SALES@PMI-RF.COM

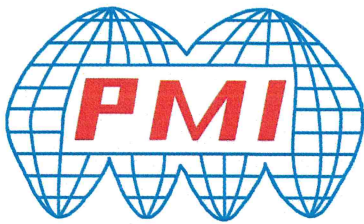
Frequency

		-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)	2011																	Measured Value (mV)
	SLOPE (mV/dB)	24.6																	Error (mV)
		71	166	293	419	549	672	791	901	1017	1140	1265	1394	1522	1653	1787	1911	1994	LINEARITY ERROR (dB)
	27	-1	3	6	13	13	9	-4	-11	-11	-9	-3	2	10	21	22	-17		
		1.08	-0.05	0.11	0.24	0.52	0.53	0.37	-0.16	-0.44	-0.44	-0.36	-0.11	0.09	0.42	0.87	0.91	-0.71	
0.07 GHz	INTERCEPT (mV)	2022																	Measured Value (mV)
	SLOPE (mV/dB)	24.9																	Error (mV)
		50	132	262	399	536	662	785	902	1020	1145	1268	1394	1521	1647	1783	1903	2002	LINEARITY ERROR (dB)
	24	-19	-14	-1	11	12	10	3	-4	-4	-6	-4	-2	-1	11	6	-20		
		0.96	-0.75	-0.54	-0.05	0.44	0.49	0.42	0.11	-0.16	-0.15	-0.22	-0.17	-0.08	-0.03	0.42	0.23	-0.80	
0.09 GHz	INTERCEPT (mV)	2004																	Measured Value (mV)
	SLOPE (mV/dB)	25																	Error (mV)
		32	96	229	379	517	642	765	884	1004	1128	1250	1373	1499	1621	1764	1886	2004	LINEARITY ERROR (dB)
	31	-30	-23	2	15	15	13	6	1	0	-3	-5	-4	-8	10	7	0		
		1.23	-1.21	-0.90	0.09	0.60	0.59	0.51	0.26	0.05	0.00	-0.12	-0.21	-0.18	-0.30	0.41	0.28	-0.01	

Flatness +/-dB

0.8	1.4	1.3	0.8	0.6	0.6	0.5	0.4	0.3	0.3	0.4	0.4	0.5	0.6	0.5	0.5	0.2
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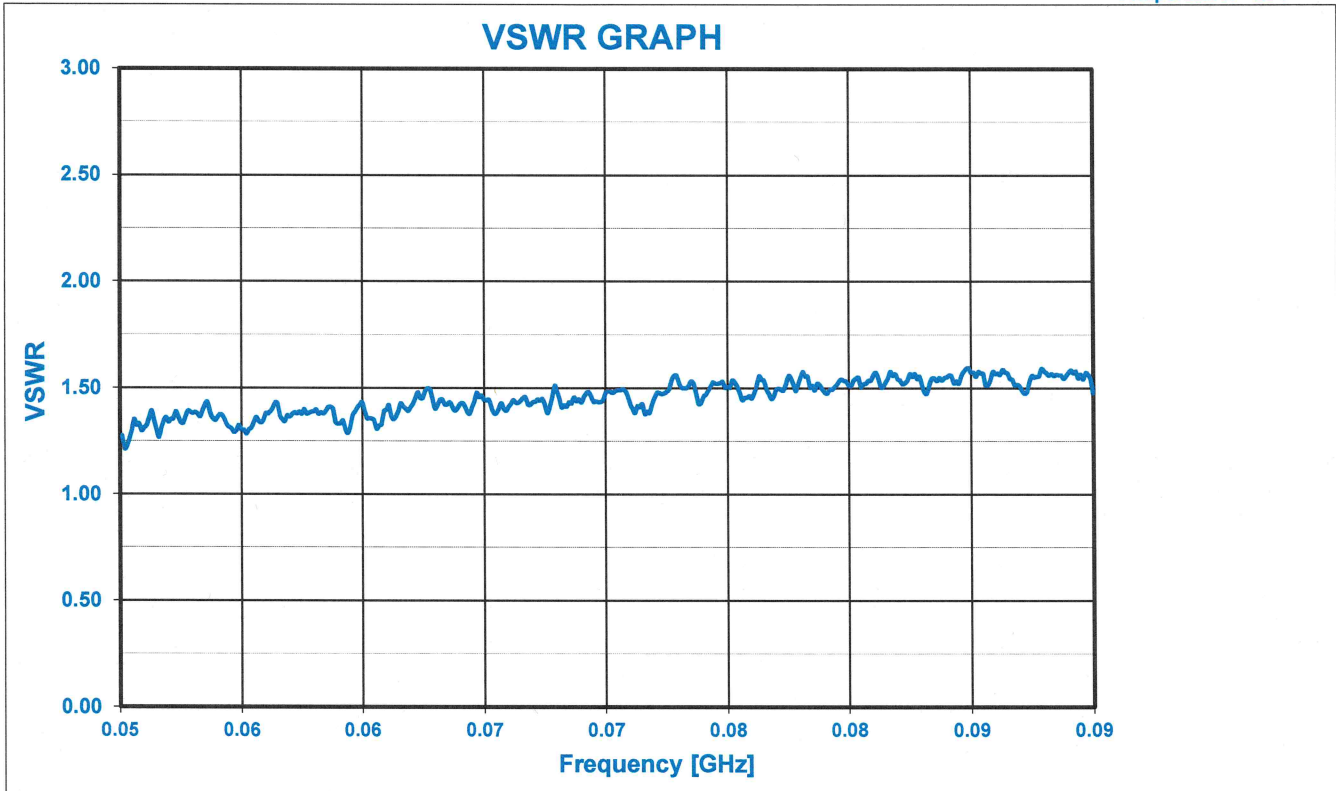


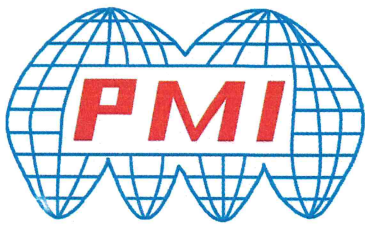


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ON
DLVA-70M-80-15V**

Model Number: DLVA-70M-80-15V
Serial Number: PL52500

Temperature: +25C





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

Rise Time = 28.8 ns

