

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

Customer: _____
 SO No: _____
 Model No: DLVA-70M-80-15V
 Serial NO: PL52498/2518

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

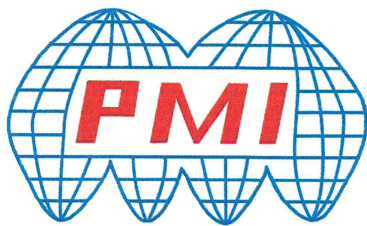
TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	INPUT VSWR (50 OHMS)	1.5:1 TYP.	1.615:1 MAX	<i>PMI</i> <i>QA</i>
2	TYPICAL OUTPUT VOLTAGE @ -70 dBm to 0 dBm	0.2 TO 2 VOLTS	0.35 TO 2.12 VOLTS	
3	LOG SLOPE	25.0 mV/dB NOMINAL	24.8 mV/dB	
4	LOG LINEARITY -80 TO 0 dBm	±1.5 dB (MAX)	±1.10 dB MAX	
5	BANDWIDTH	50 TO 90 MHz	50 TO 90 MHz	
6	RISE TIME (10% TO 90%POINTS)	30 nS (MAX)	28.2 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. Klamm

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: 4/16/2025
 SERIAL NO: PL52498
 TEST TEMP: +25C



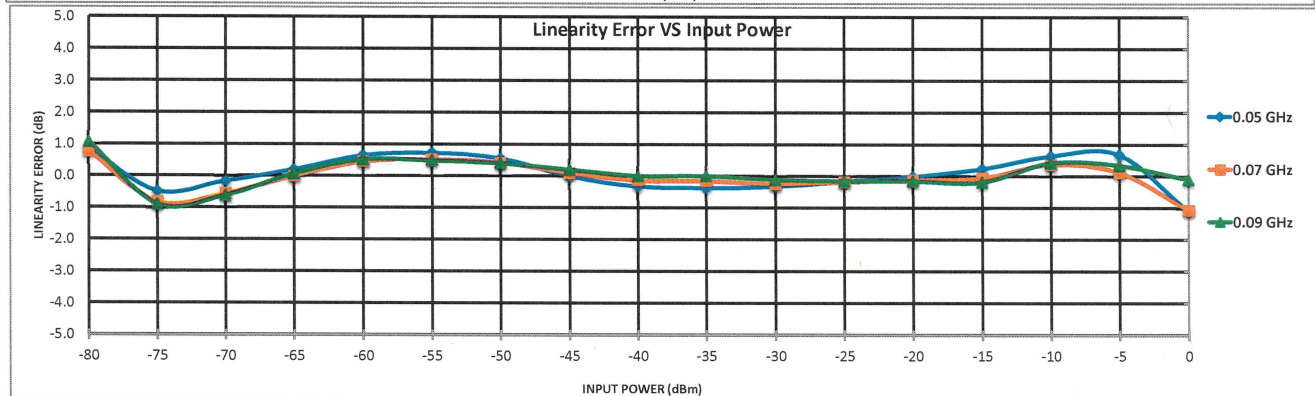
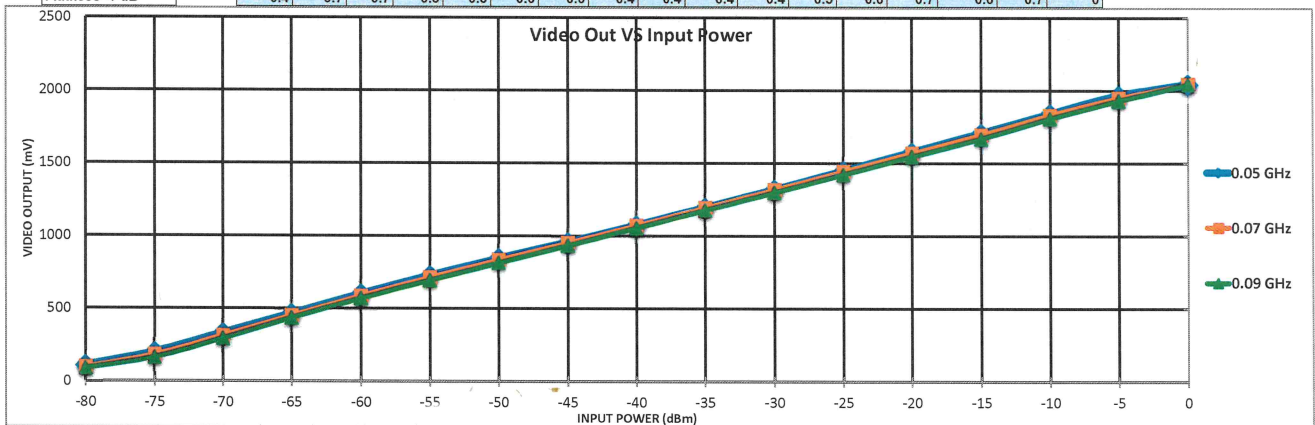
PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE ROAD, FREDERICK, MD 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
 EMAIL: SALES@PMI-RF.COM

Frequency

Frequency	Intercept (mV)	Slope (mV/dB)	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)	Measured Value (mV)	Error (mV)	LINEARITY ERROR (dB)
0.05 GHz	2068	24.8	106	196	328	461	596	722	842	952	1068	1191	1316	1444	1572	1702	1836	1961	2041				
			22	-12	-4	5	16	18	14	0	-8	-9	-8	-4	0	6	16	17	-27				
			0.88	-0.49	-0.17	0.19	0.64	0.72	0.56	-0.01	-0.33	-0.37	-0.33	-0.17	-0.01	0.23	0.63	0.67	-1.10				
0.07 GHz	2070	24.9	98	183	314	452	588	714	836	952	1071	1195	1317	1443	1569	1695	1830	1948	2043				
			19	-20	-14	0	11	13	10	2	-3	-4	-6	-5	-3	-1	9	3	-27				
			0.76	-0.82	-0.56	-0.01	0.45	0.52	0.42	0.08	-0.13	-0.15	-0.25	-0.18	-0.12	-0.06	0.37	0.11	-1.07				
0.09 GHz	2044	24.8	87	162	293	434	569	692	814	933	1052	1176	1297	1420	1544	1667	1806	1928	2041				
			26	-22	-15	2	13	12	10	5	0	0	-3	-4	-4	-5	10	8	-3				
			1.07	-0.91	-0.62	0.07	0.51	0.47	0.40	0.20	0.00	0.00	-0.12	-0.16	-0.15	-0.19	0.42	0.34	-0.10				

Flatness +/-dB

0.4	0.7	0.7	0.5	0.5	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.6	0.7	0
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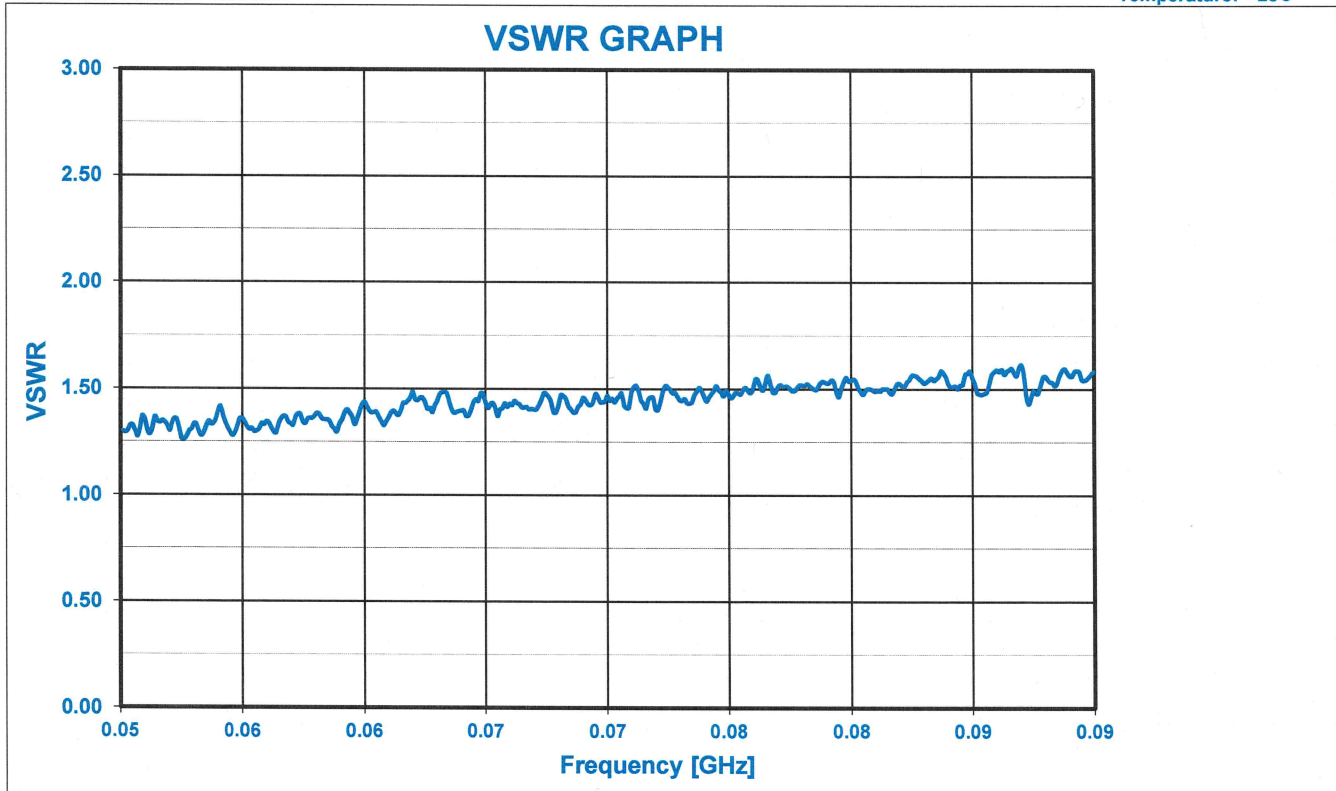




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Model Number: DLVA-70M-80-15V
Serial Number: PL52498

Temperature: +25C





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Rise Time = 28.2 ns

