



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

Customer: _____
 SO No: _____
 Model No: DLVA-70M-80-15V
 Serial NO: PL52496/2518

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
1	INPUT VSWR (50 OHMS)	1.5:1 TYP.	1.644:1 MAX	QA/QC PMI DW
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)	±1.32 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. K. [Signature]

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: PL52496
 TEST TEMP: +25C



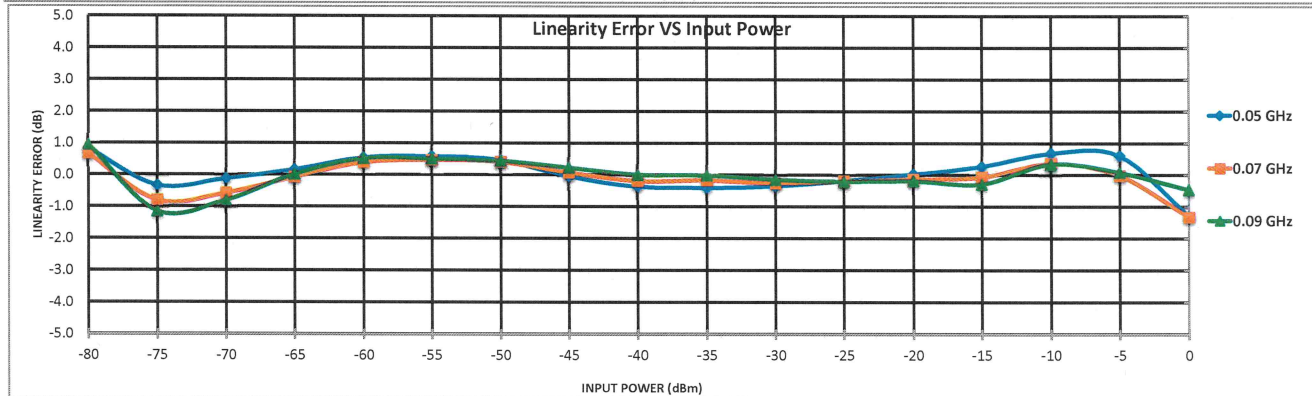
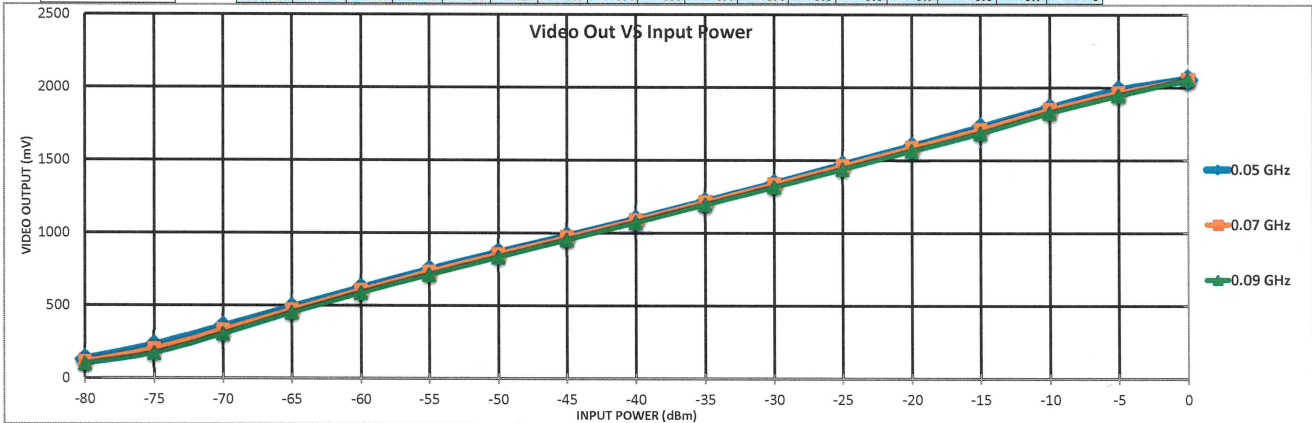
PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE ROAD, FREDERICK, MD 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
 EMAIL: SALES@PMI-RF.COM

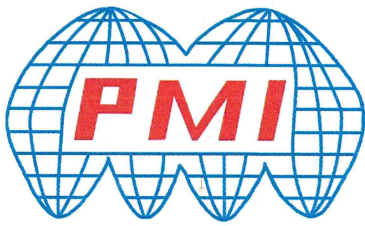
Frequency

Frequency	Intercept (mV)	Slope (mV/dB)	RF Input Power (dBm)																Measured Value (mV)	Error (mV)	Linearity Error (dB)															
0.05 GHz	2088	24.8	127	222	351	482	615	740	861	972	1088	1211	1336	1464	1593	1723	1857	1979	2056	21	-8	-3	4	13	14	12	-1	-9	-10	-9	-5	1	7	17	15	-32
			0.84	-0.33	-0.12	0.17	0.54	0.58	0.47	-0.05	-0.37	-0.40	-0.35	-0.19	0.02	0.27	0.68	0.61	-1.28																	
0.07 GHz	2090	24.9	116	204	334	471	607	733	856	972	1090	1215	1337	1463	1589	1715	1850	1965	2057	17	-20	-14	-2	10	12	10	2	-5	-4	-6	-5	-3	-2	9	0	-33
			0.67	-0.80	-0.57	-0.06	0.40	0.47	0.41	0.07	-0.19	-0.16	-0.26	-0.19	-0.13	-0.07	0.36	-0.02	-1.32																	
0.09 GHz	2066	24.9	99	171	304	449	586	710	833	952	1071	1195	1316	1439	1564	1686	1826	1944	2055	24	-29	-20	0	13	13	11	6	0	-4	-5	-5	-7	8	2	-11	
			0.96	-1.15	-0.81	0.02	0.52	0.50	0.45	0.23	0.01	-0.01	-0.15	-0.21	-0.19	-0.29	0.34	0.08	-0.46																	

Flatness +/-dB

0.6	1	0.9	0.7	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.6	0.7	0
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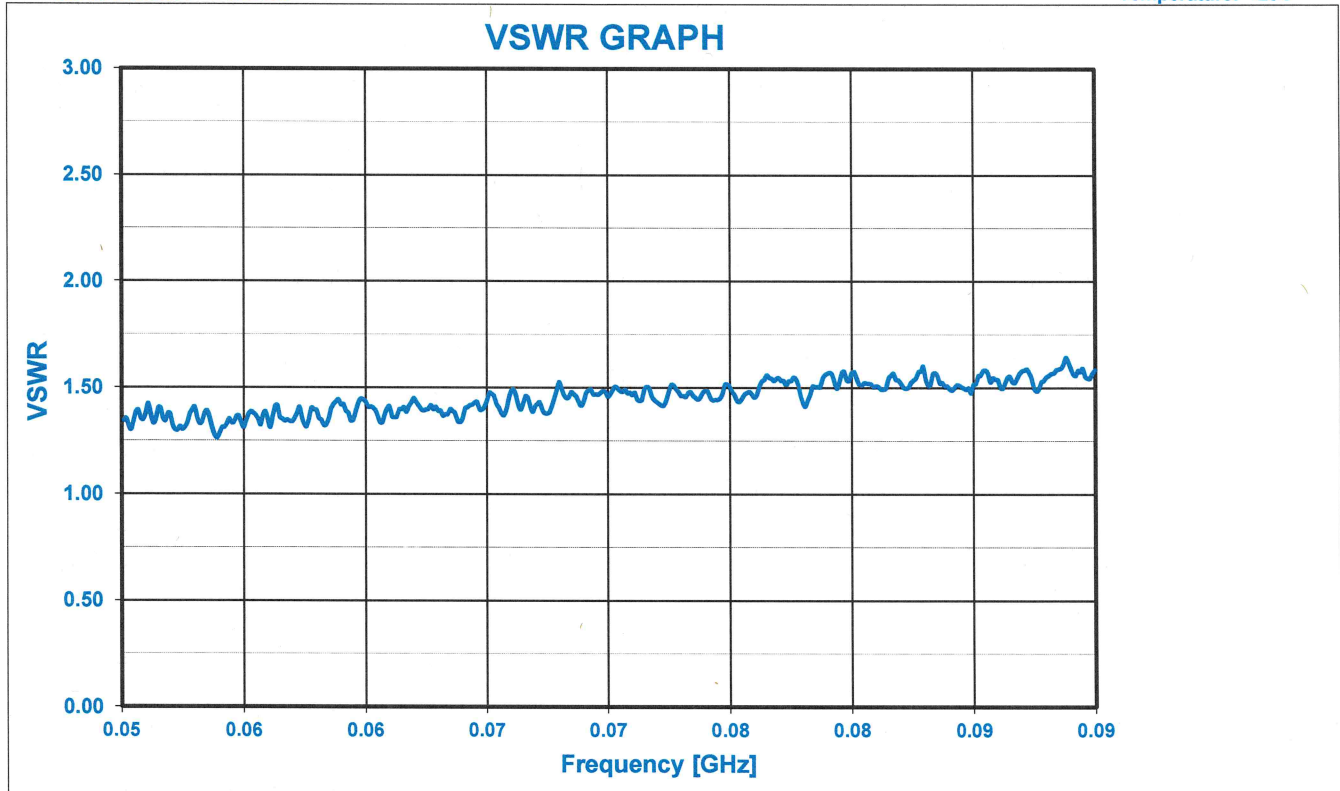




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Serial Number: PL52496

Temperature: +25C





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Rise Time = 28.2 ns

