



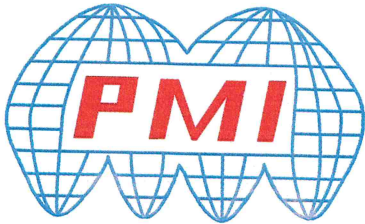
**SUMMARY TEST DATA  
ON  
DLVA-70M-80-15V**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No DLVA-70M-80-15V  
 Serial NO: PL52497/2521

Tested by: Daniel W.  
 Temperature: +25°C UNLESS OTHERWISE SPECIFIED  
 Date: 5/20/2025  
 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.	1.486:1 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	25.0 mV/dB	
4	LOG LINEARITY -80 TO 0 dBm	±1.5 dB (MAX)	±1.17 dB MAX	
5	BANDWIDTH	50 TO 90 MHz	50 TO 90 MHz	
6	RISE TIME (10% TO 90%POINTS)	30 nS (MAX)	29.4 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: 5.20.25



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

LOG TRANSFER WITH FREQUENCY  
 MODEL: DLVA-70M-80-15V  
 TESTED BY: Daniel W.  
 TEST DATE: 5/15/2025  
 SERIAL NO: PL52497  
 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

0.05 GHz	INTERCEPT (mV)	2068
	SLOPE (mV/dB)	25.2

0.07 GHz	INTERCEPT (mV)	2079
	SLOPE (mV/dB)	25.1

0.09 GHz	INTERCEPT (mV)	2054
	SLOPE (mV/dB)	24.7

-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
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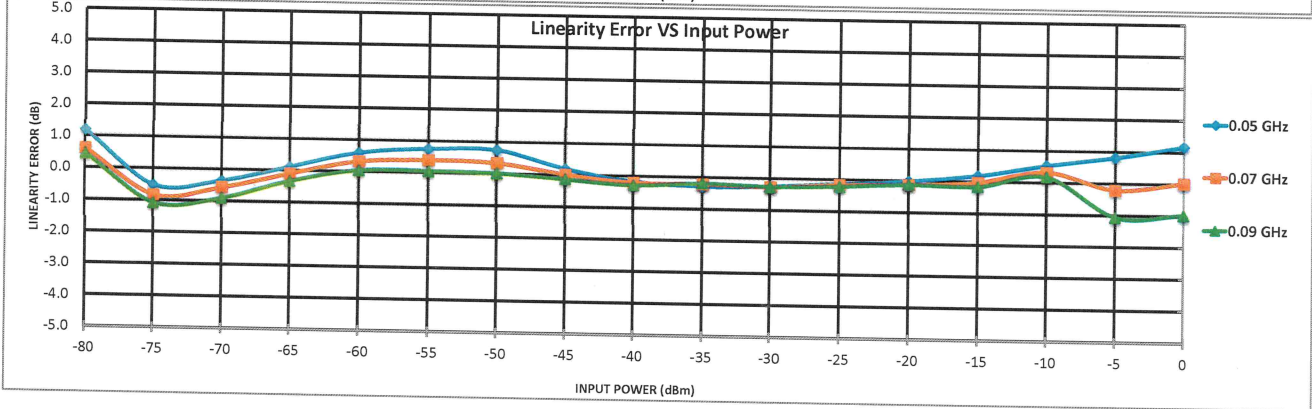
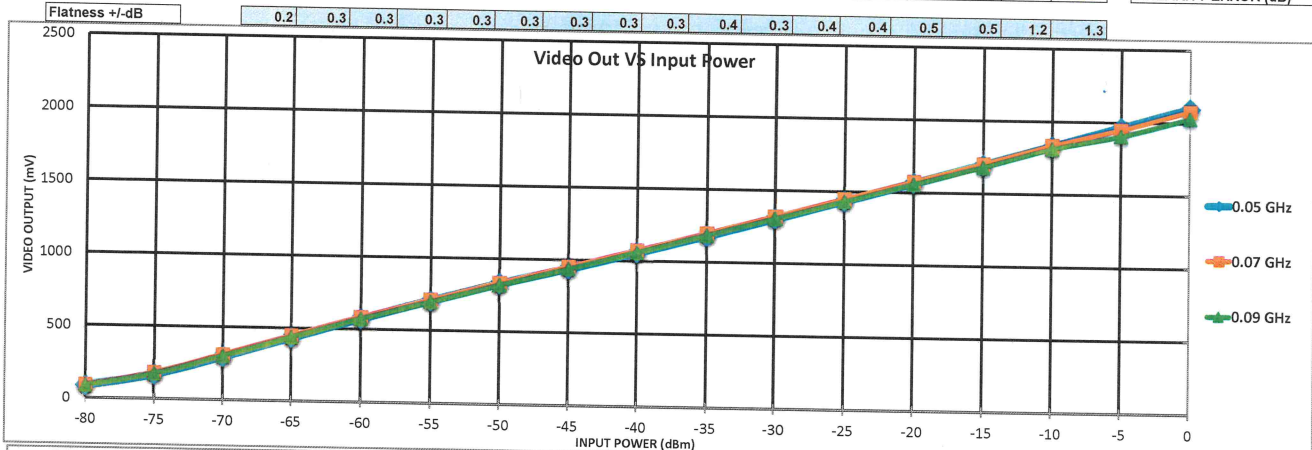
81	164	294	432	570	700	826	938	1055	1178	1305	1434	1563	1694	1829	1962	2097
29	-14	-10	2	14	18	18	4	-5	-8	-7	-4	-1	4	13	20	29
1.17	-0.54	-0.38	0.10	0.57	0.73	0.73	0.18	-0.18	-0.30	-0.26	-0.14	-0.02	0.17	0.53	0.81	1.16

89	178	310	447	583	710	834	951	1071	1196	1320	1448	1574	1702	1836	1948	2079
15	-21	-14	-3	8	10	8	0	-5	-6	-7	-4	-3	-1	8	-5	0
0.60	-0.84	-0.58	-0.11	0.32	0.38	0.33	0.00	-0.21	-0.22	-0.27	-0.17	-0.14	-0.03	0.32	-0.22	0.01

85	171	299	437	570	694	817	937	1057	1183	1305	1430	1556	1679	1811	1904	2030
11	-27	-23	-9	1	1	0	-4	-7	-5	-7	-6	-3	-4	4	-27	-24
0.43	-1.09	-0.92	-0.35	0.03	0.04	0.01	-0.14	-0.30	-0.20	-0.27	-0.22	-0.13	-0.16	0.17	-1.07	-0.98

Flatness +/-dB	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.5	0.5	1.2	1.3
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RF Input Power (dBm)
Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)

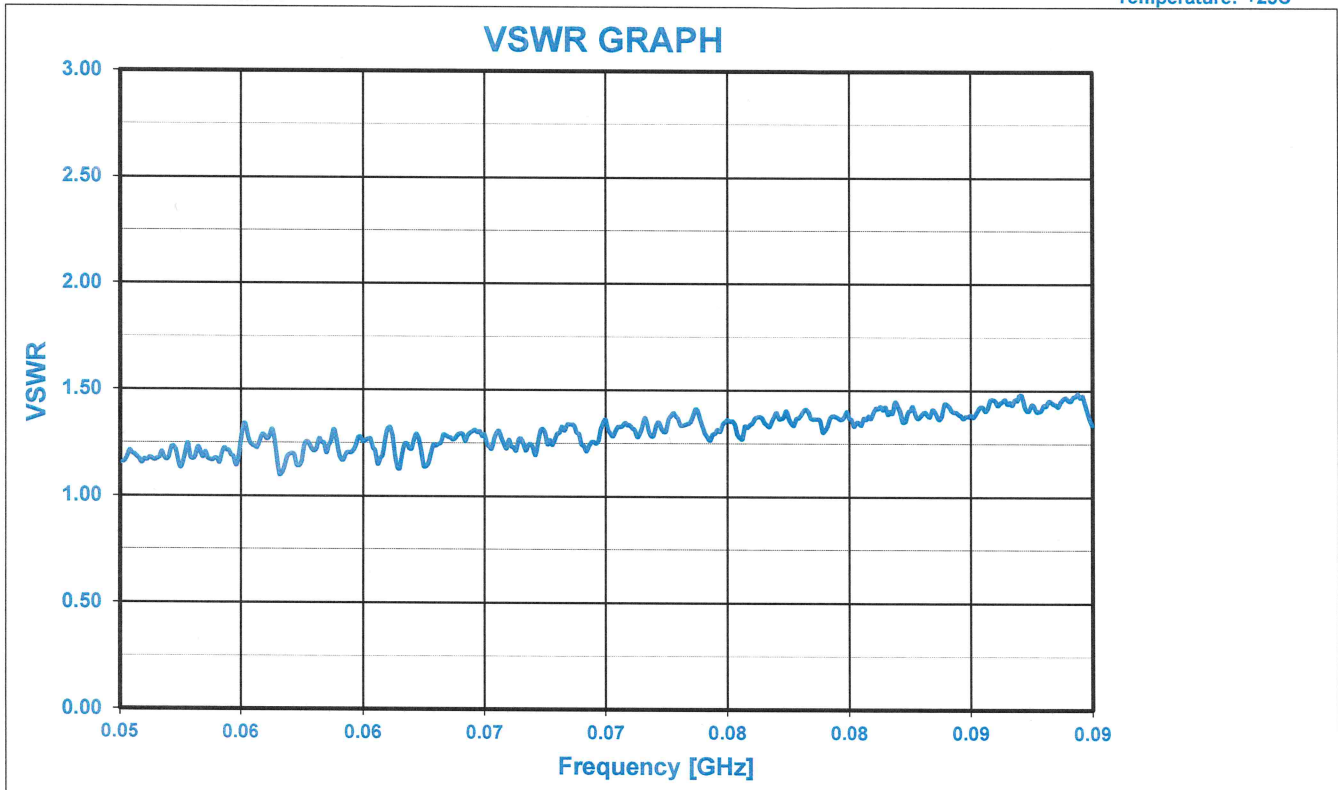


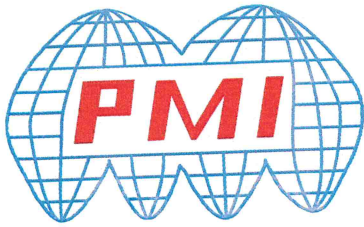


**SUMMARY TEST DATA  
ON  
DLVA-70M-80-15V**

Model Number: DLVA-70M-80-15V  
Serial Number: PL52497

Temperature: +25C





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

Rise Time = 29.4 ns

