



Customer:		Tested By:	DA
SO No:		Temperature:	+25°C , -54°C, +95°C
Model No:	DLVA-8G10G-75-50-SFF	Date:	09/19/24
Serial No:	PL48070/2438	Drawing No:	27631110 Rev: A3

QA/QC Approval: K. Klump Date: 9-23-24

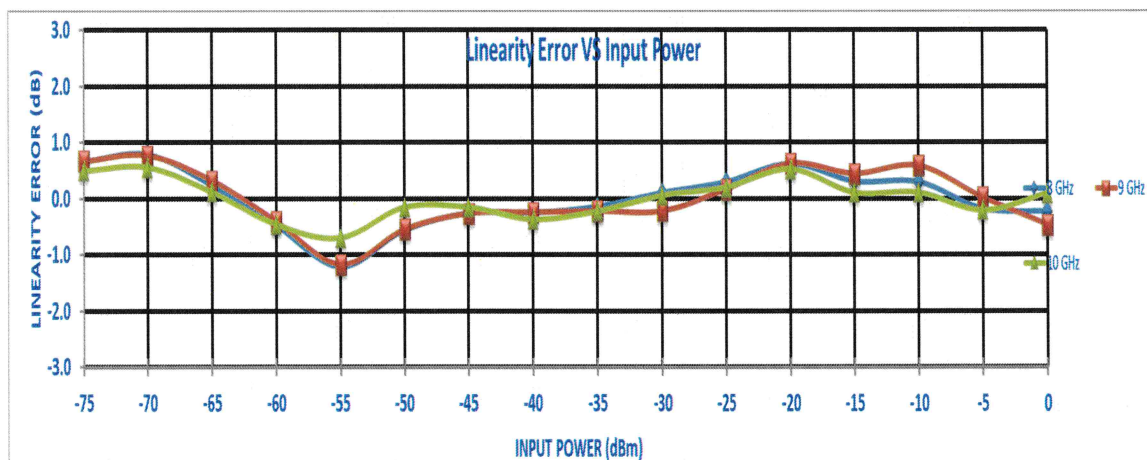
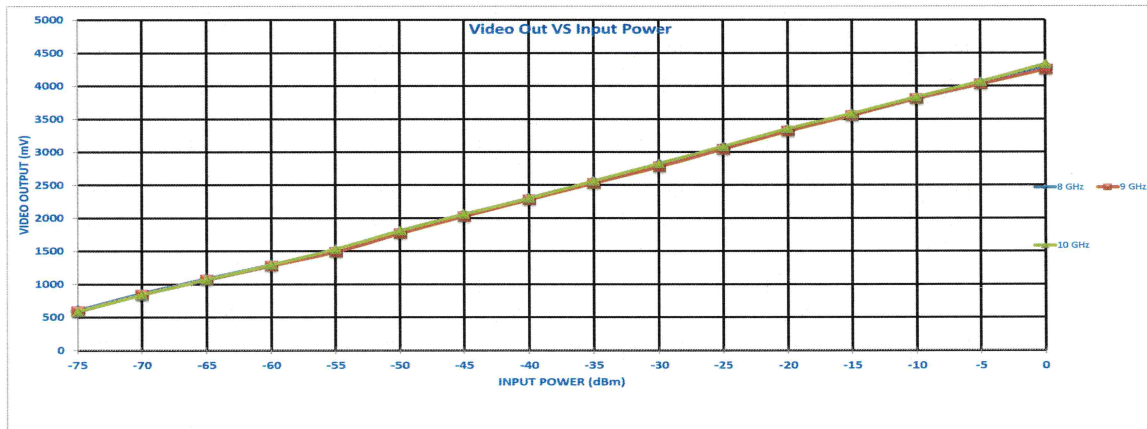


SUMMARY TEST DATA ON DLVA-8G10G-75-50-SFF

PL48070/2438

LOG TRANSFER @ +25C

LOG TRANSFER WITH FREQUENCY		PMI	
MODEL: DLVA-8G10G-75-50-SFF		PLANAR MONOLITHICS INDUSTRIES	
TESTED BY: DA		4921 Robert J. Mathews Parkway, Suite 1	
DATE: 09/18/2024		El Dorado Hills, CA 95782	
SERIAL NO: PL48070		Phone: 916-542-1401 Fax: 301-662-1731	
Test Temp: +25C		Email: sales@pmi-rf.com www.pmi-rf.com	
Frequency		Output Vos= 0.089	
		-75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0	
		RF Input Power (dBm)	
8 GHz	INTERCEPT (m)	600 855 1076 1289 1501 1782 2046 2295 2549 2810 3068 3333 3566 3814 4039 4285	
	SLOPE (mV/dB)	33 39 12 -24 -60 -28 -13 -12 -7 5 15 31 15 15 -9 -12	
		0.67 0.79 0.24 -0.48 -1.22 -0.57 -0.26 -0.25 -0.14 0.11 0.29 0.62 0.31 0.30 -0.18 -0.23	
9 GHz	INTERCEPT (m)	586 839 1065 1277 1487 1766 2028 2277 2526 2774 3041 3312 3551 3806 4026 4250	
	SLOPE (mV/dB)	33 38 16 -20 -58 -27 -13 -12 -11 -11 8 31 22 29 1 -23	
		0.66 0.76 0.32 -0.41 -1.17 -0.55 -0.27 -0.25 -0.23 -0.23 0.16 0.62 0.44 0.58 0.02 -0.47	
10 GHz	INTERCEPT (m)	588 842 1071 1293 1532 1810 2061 2301 2559 2824 3082 3349 3679 3830 4065 4331	
	SLOPE (mV/dB)	25 28 6 -23 -35 -8 -8 -18 -11 3 10 26 5 5 -10 5	
		0.49 0.56 0.12 -0.46 -0.69 -0.15 -0.15 -0.37 -0.22 0.06 0.20 0.52 0.10 0.11 -0.21 0.09	
Flatness +/-dB		0.1 0.2 0.1 0.2 0.5 0.4 0.3 0.2 0.3 0.5 0.4 0.4 0.3 0.2 0.4 0.8	
		Measured Value (mV)	
		Error (mV)	
		LINEARITY ERROR (dB)	



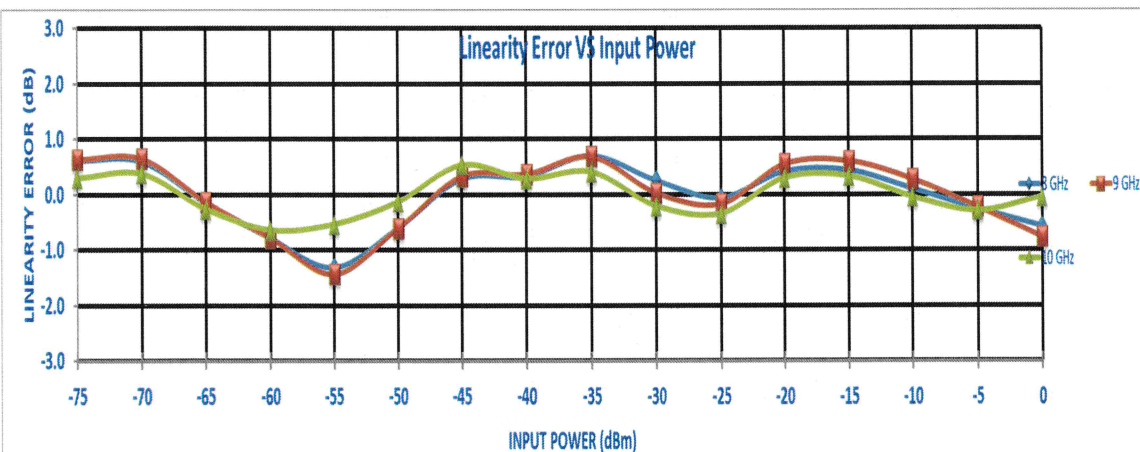
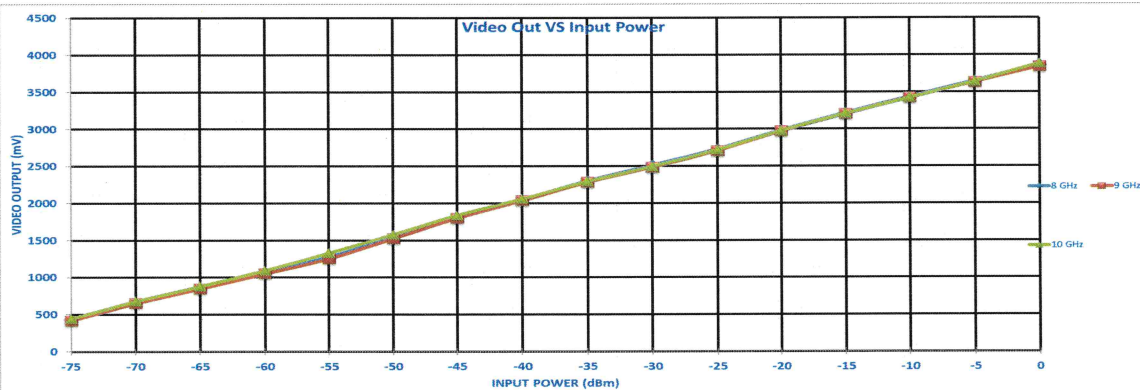


SUMMARY TEST DATA ON DLVA-8G10G-75-50-SFF

PL48070/2438

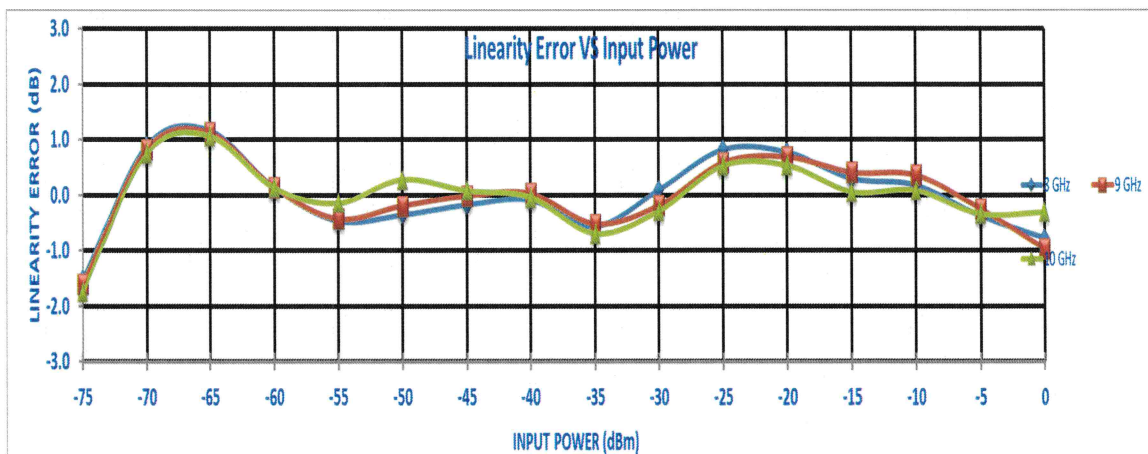
LOG TRANSFER @ -54C

LOG TRANSFER WITH FREQUENCY MODEL: DLVA-8G10G-75-50-SFF TESTED BY: DA DATE: 09/18/2024 SERIAL NO: PL48070 Test Temp: -54C																		 PLANAR MONOLITHICS INDUSTRIES 4921 Robert J. Mathews Parkway, Suite 1 El Dorado Hills, CA 95762 Phone: 916-542-1401 Fax: 301-662-1731 Email: sales@pmi-rf.com www.pmi-rf.com																																			
Frequency																		Output Vos= 0.034																																			
																		-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)																			
8 GHz	INTERCEPT (m)																	3888																		Measured Value (mV)																	
	SLOPE (mV/dB)																	46.6																		Error (mV)																	
																			425	657	855	1058	1266	1532	1806	2041	2291	2503	2721	2976	3210	3427	3643	3861	LINEARITY ERROR (dB)																		
																		29	28	-7	-37	-61	-28	13	15	33	12	-3	19	21	5	-12	-27																				
																		0.62	0.60	-0.15	-0.79	-1.32	-0.60	0.28	0.33	0.70	0.25	-0.06	0.42	0.44	0.10	-0.26	-0.57																				
																		x																																			
9 GHz	INTERCEPT (m)																	3875																		Measured Value (mV)																	
	SLOPE (mV/dB)																	46.5																		Error (mV)																	
																			419	652	848	1050	1252	1523	1799	2033	2280	2482	2705	2971	3206	3423	3632	3839	LINEARITY ERROR (dB)																		
																		30	30	-6	-36	-67	-28	15	17	32	1	-8	26	28	13	-10	-36																				
																		0.64	0.65	-0.13	-0.79	-1.44	-0.61	0.33	0.37	0.68	0.03	-0.17	0.55	0.61	0.28	-0.23	-0.77																				
																		x																																			
10 GHz	INTERCEPT (m)																	3886																		Measured Value (mV)																	
	SLOPE (mV/dB)																	46.1																		Error (mV)																	
																			444	678	879	1092	1327	1576	1837	2056	2292	2494	2718	2978	3210	3423	3642	3884	LINEARITY ERROR (dB)																		
																		14	17	-12	-29	-25	-6	24	13	19	-10	-16	14	15	-2	-14	-2																				
																		0.30	0.38	-0.26	-0.64	-0.54	-0.13	0.53	0.28	0.41	-0.21	-0.35	0.29	0.33	-0.05	-0.29	-0.04																				
																		x																																			
Flatness +/-dB																		0.3	0.3	0.3	0.5	0.8	0.6	0.4	0.2	0.1	0.2	0.2	0.1	0	0	0	0.1	0.5																			





LOG TRANSFER @ +95C



7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

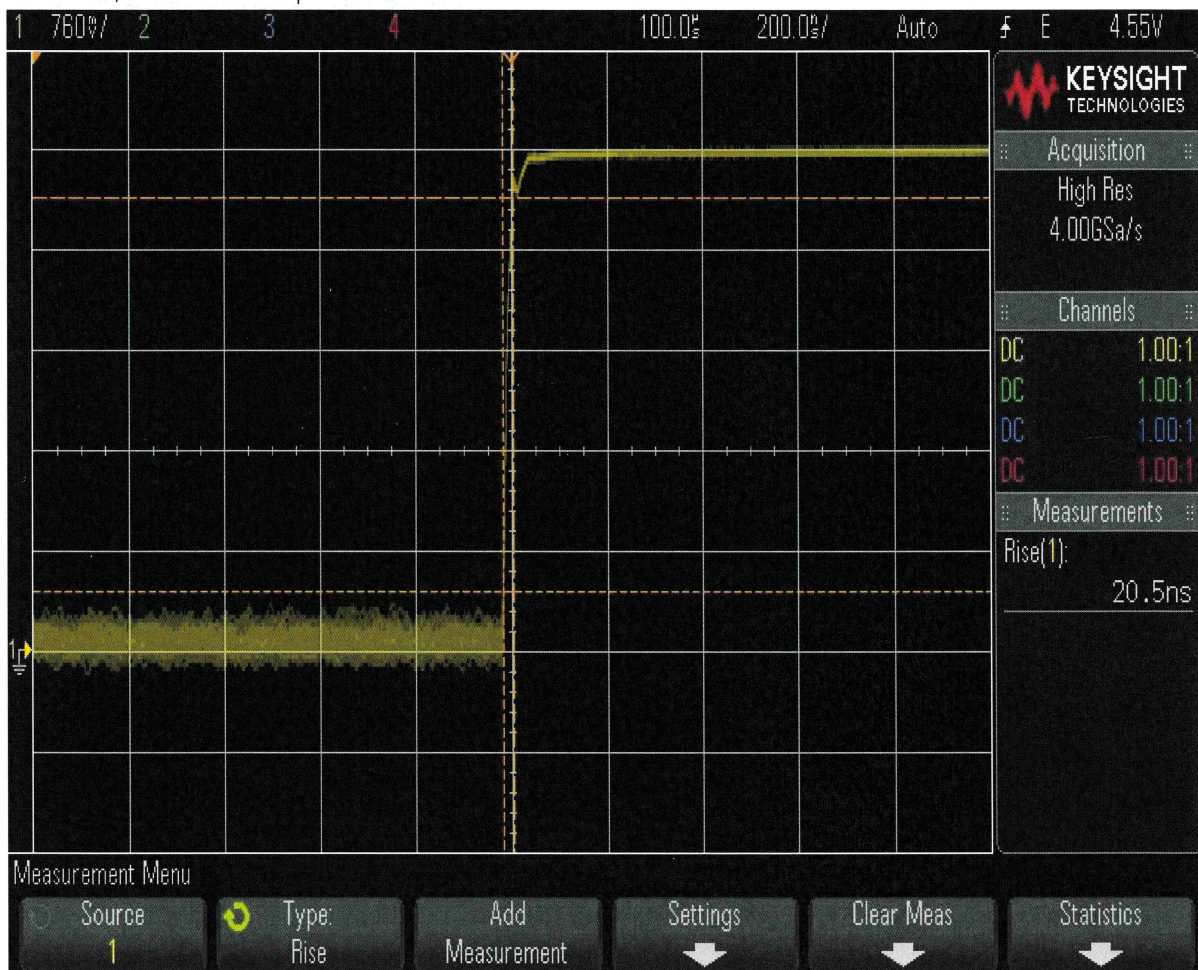


**SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF**

PL48070/2438

RISE TIME

DSO-X 3024A, MY54490369: Thu Sep 19 16:46:57 2024



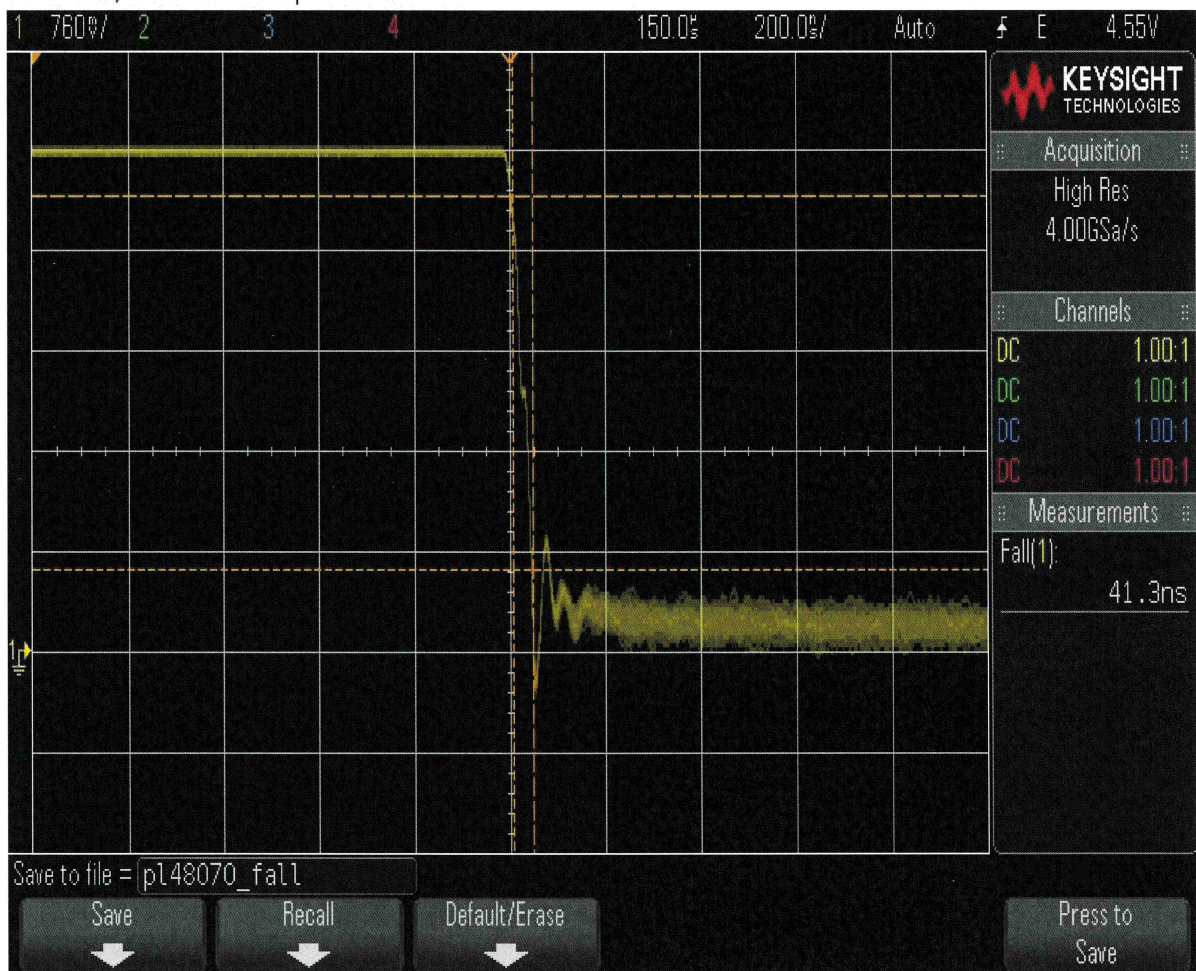


**SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF**

PL48070/2438

FALL/ RECOVERY TIME

DSO-X 3024A, MY54490369: Thu Sep 19 16:45:50 2024





**SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF**

PL48070/2438

TSS @ -80 dBm

DSO-X 3024A, MY54490369, Thu Sep 19 16:48:38 2024

