



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

PL48067/2438

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: PL48067/2438 Drawing No: 27631110 Rev: A3

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	8 GHz – 10 GHz	8 GHz to 10 GHz	PMI QA3
2	Flatness	± 1.2 dB	±0.8 dB (See Plots)	
3	TSS	-78dBm	-79 dBm	
4	Log Dynamic Range	-75 to 0dBm	-75 TO 0dBm (See Plots)	
5	Log Slope	50mV/dB ± 4mV/dB	50mV/dB±3.45 mV/dB (See Plots)	
6	Log Linearity	± 1.8 dB Max.	±1.41 dB (See Plots)	
7	DC Offset	50mV ± 50mV	50mV ± 49mV	
8	Rise Time	30 ns Max.	20.0ns	
9	Fall Time	150ns	<100ns	
10	Recovery Time	500 ns for 10.0 us PW	100ns	
11	DC Supply	+15VDC @ 350 mA -15VDC @ 100 mA	161mA 63mA	

QA/QC Approval: K. K. [Signature] Date: 9-23-24

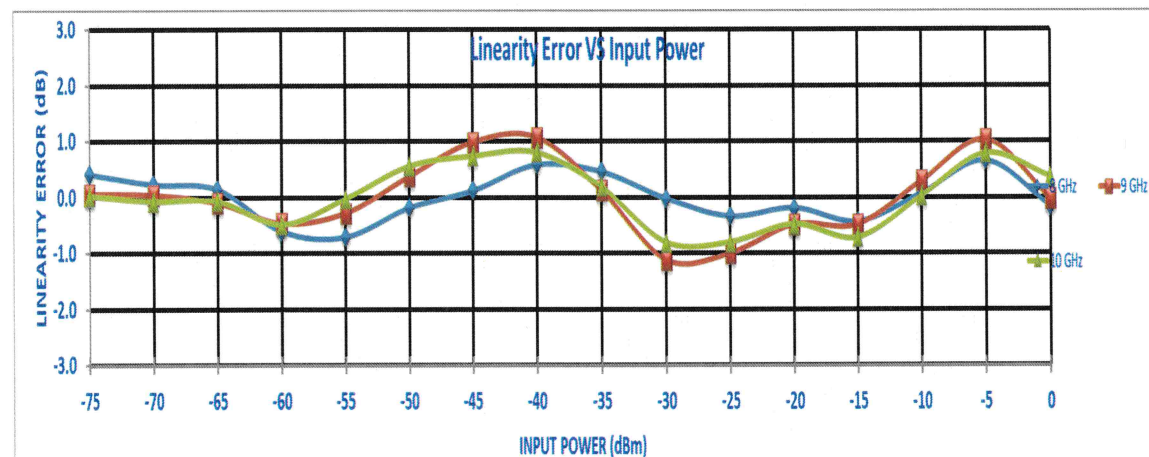
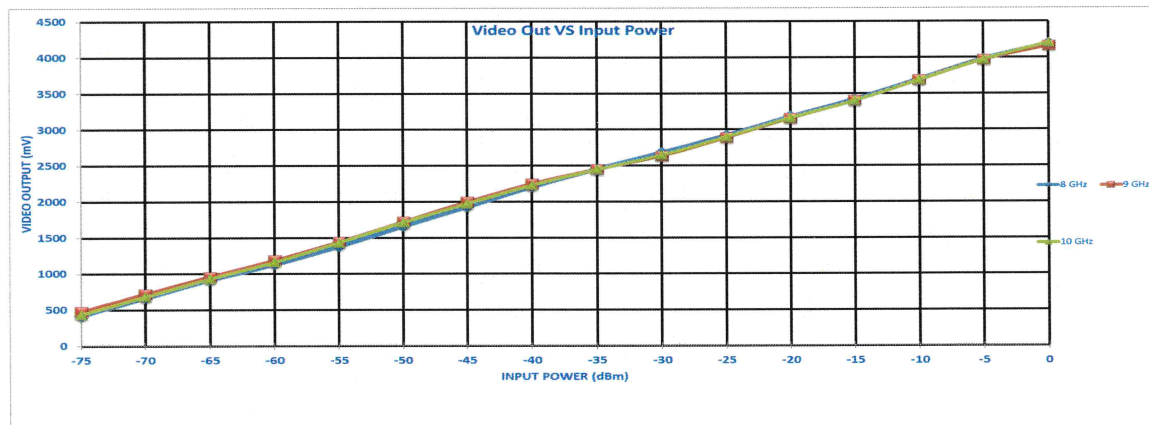


SUMMARY TEST DATA ON DLVA-8G10G-75-50-SFF

PL48067/2438

LOG TRANSFER @ +25C

LOG TRANSFER WITH FREQUENCY		MODEL: DLVA-8G10G-75-50-SFF		TESTED BY: DA	
DATE: 09/18/2024		SERIAL NO: PL48067		Test Temp: +25C	
Frequency		Output Vos= 0.039		RF Input Power (dBm)	
8 GHz		INTERCEPT (m) 4198		Measured Value (mV)	
		SLOPE (mV/dB) 50.7		Error (mV)	
				LINEARITY ERROR (dB)	
9 GHz		INTERCEPT (m) 4159		Measured Value (mV)	
		SLOPE (mV/dB) 49.2		Error (mV)	
				LINEARITY ERROR (dB)	
10 GHz		INTERCEPT (m) 4182		Measured Value (mV)	
		SLOPE (mV/dB) 50		Error (mV)	
				LINEARITY ERROR (dB)	
Flatness +/-dB					





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

PL48067/2438

LOG TRANSFER @ -54C

LOG TRANSFER WITH FREQUENCY MODEL: DLVA-8G10G-75-50-SFF TESTED BY: DA DATE: 09/16/2024 SERIAL NO: PL48067 Test Temp: -54C																																																																								
														PLANAR MONOLITHICS INDUSTRIES 4921 Robert J. Mathews Parkway, Suite 1 El Dorado Hills, CA 95762 Phone: 916-542-1401 Fax: 301-862-1731 Email: sales@pmi-rf.com www.pmi-rf.com																																																										
Output Vos= 0.075																																																																								
Frequency		<table><tr><td>-75</td><td>-70</td><td>-65</td><td>-60</td><td>-55</td><td>-50</td><td>-45</td><td>-40</td><td>-35</td><td>-30</td><td>-25</td><td>-20</td><td>-15</td><td>-10</td><td>-5</td><td>0</td></tr></table>												-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power [dBm]																																										
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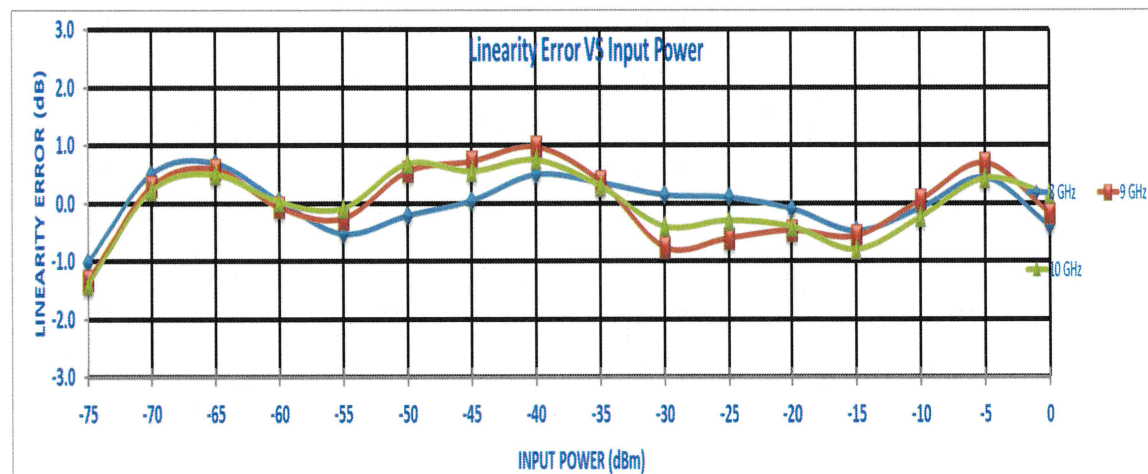
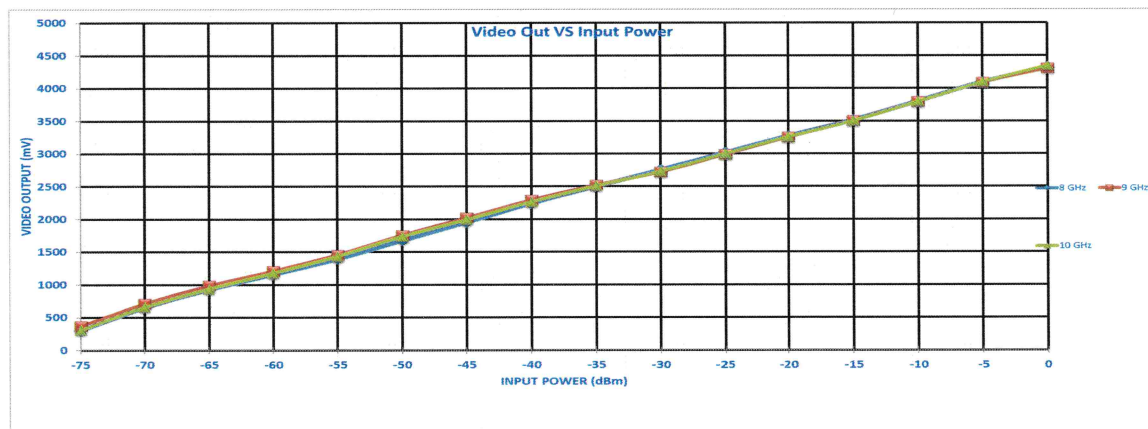


SUMMARY TEST DATA ON DLVA-8G10G-75-50-SFF

PL48067/2438

LOG TRANSFER @ +95C

LOG TRANSFER WITH FREQUENCY		MODEL: DLVA-8G10G-75-50-SFF		TESTED BY: DA	
DATE: 09/16/2024		SERIAL NO: PL48067		Test Temp: +95C	
Frequency		Output Vos= 0.025		RF Input Power (dBm)	
				-75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0	
8 GHz	INTERCEPT (m)	4335		Measured Value (mV)	
	SLOPE (mV/dB)	63.1		Error (mV)	
				LINEARITY ERROR (dB)	
9 GHz	INTERCEPT (m)	4304		Measured Value (mV)	
	SLOPE (mV/dB)	61.6		Error (mV)	
				LINEARITY ERROR (dB)	
10 GHz	INTERCEPT (m)	4333		Measured Value (mV)	
	SLOPE (mV/dB)	62.7		Error (mV)	
				LINEARITY ERROR (dB)	
Flatness +/-dB					



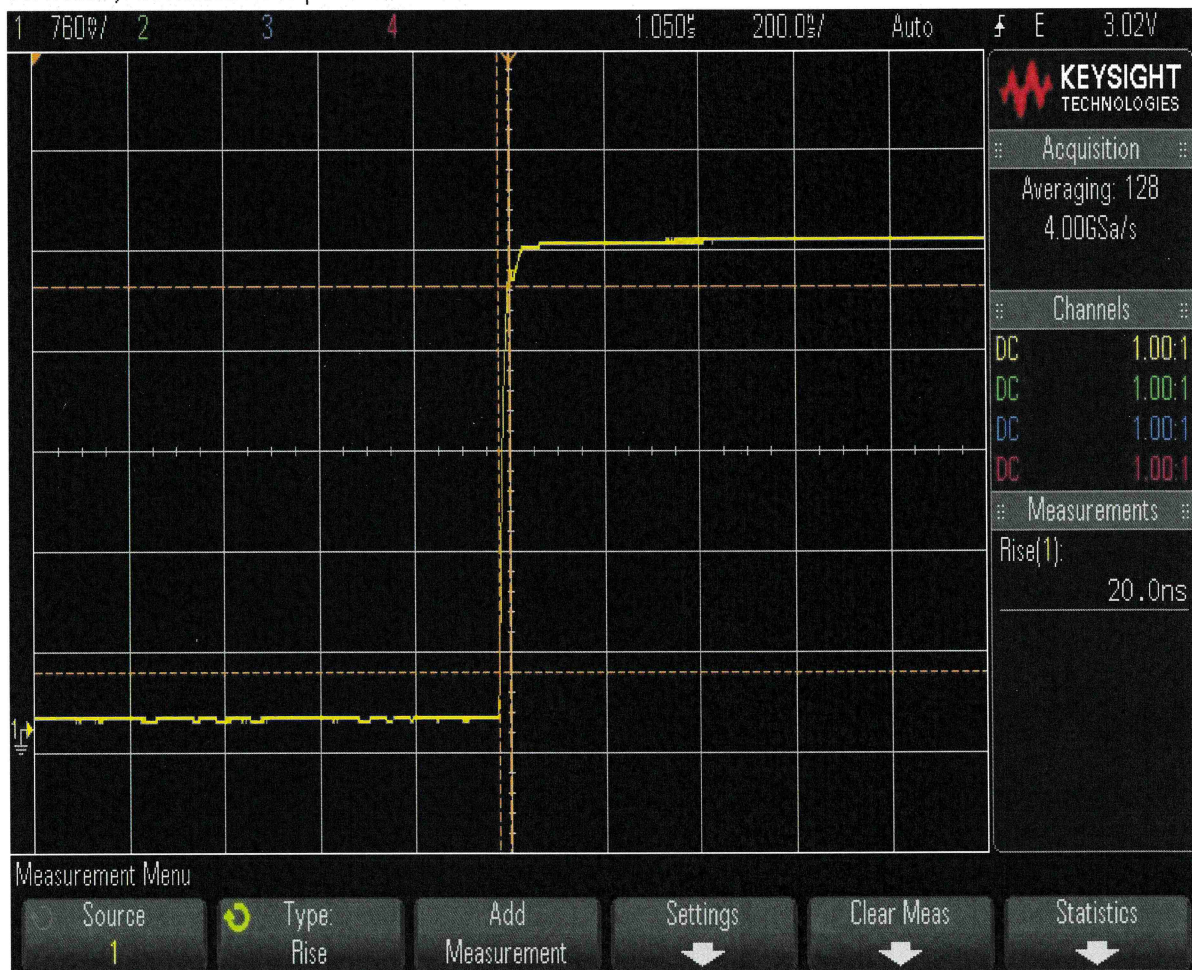


**SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF**

PL48067/2438

RISE TIME

DSO-X 3024A, MY54490369: Wed Sep 18 09:23:35 2024



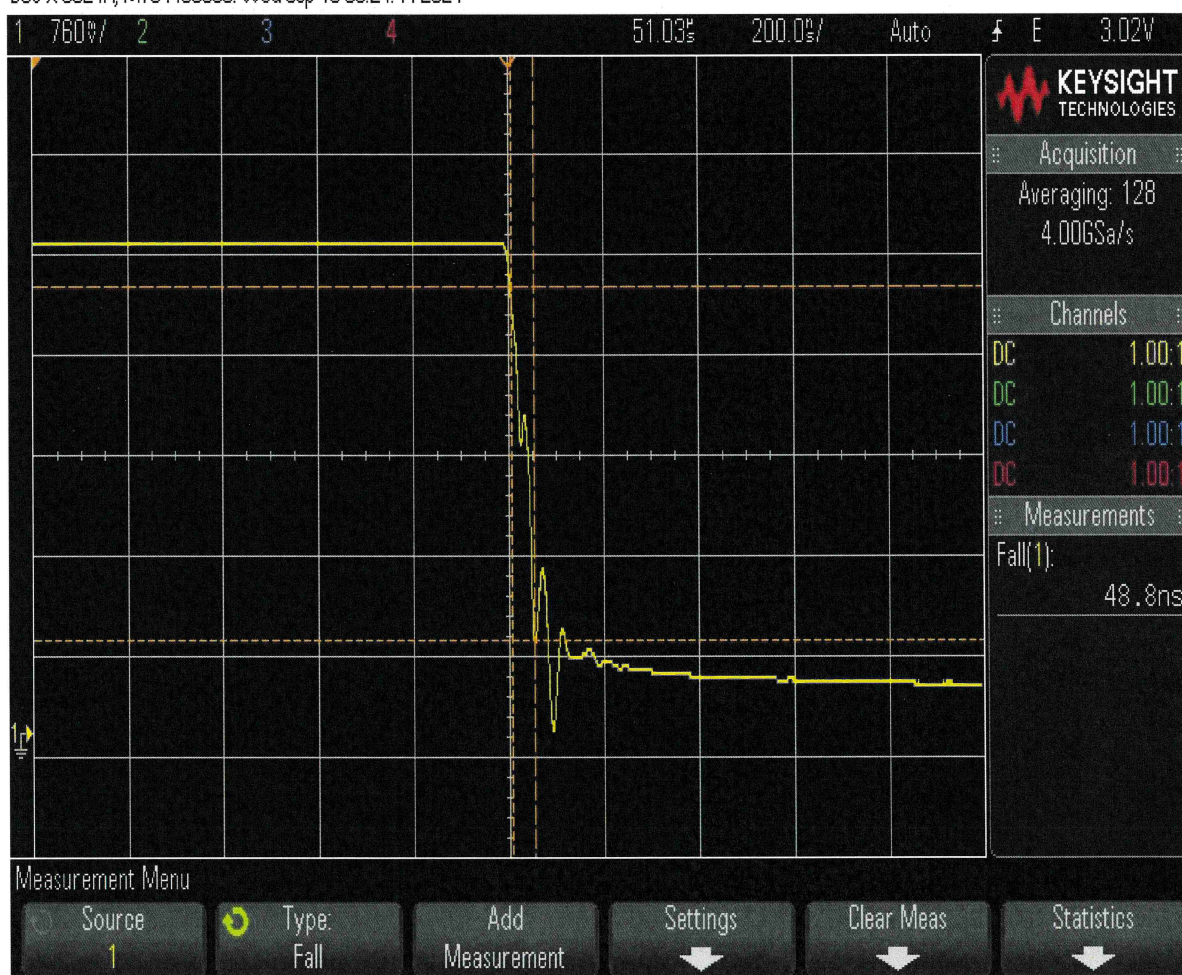


**SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF**

PL48067/2438

FALL/ RECOVERY TIME

DSO-X 3024A, MY54490369: Wed Sep 18 09:24:44 2024





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

PL48067/2438

TSS @ -79 dBm

DSO-X 3024A, MY54490369: Wed Sep 18 09:26:48 2024

