



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

PL46611/2425

Customer: _____ Tested By: DA
SO No: _____ Temperature: +25°C , -54°C, +95°C
Model No: DLVA-8G10G-75-50-SFF Date: 06/19/24
Serial No: PL46611/2425 Drawing No: 27631110 Rev: A3

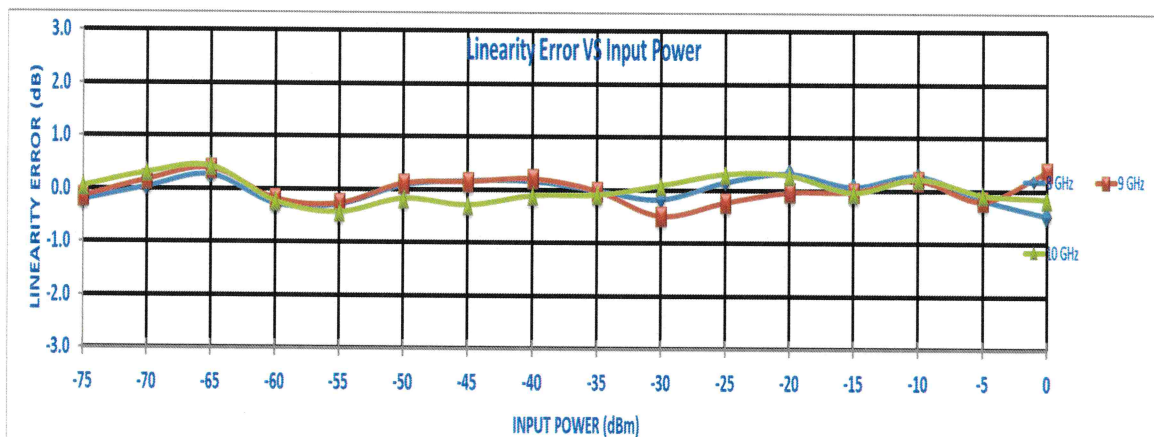
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC PMI QA3
1	Frequency Range	8 GHz – 10 GHz	8 GHz to 10 GHz	
2	Flatness	± 1.2 dB	± 0.7 dB (See Plots)	
3	TSS	-78dBm	-79dBm	
4	Log Dynamic Range	-75 to 0dBm	-75 TO 0dBm (See Plots)	
5	Log Slope	50mV/dB $\pm$ 4mV/dB	50mV/dB $\pm$ 2.1mV/dB (See Plots)	
6	Log Linearity	± 1.8 dB Max.	± 1.55 dB (See Plots)	
7	DC Offset	50mV $\pm$ 50mV	50mV $\pm$ 49mV	
8	Rise Time	30 ns Max.	19.8ns	
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	168mA 64mA	

QA/QC Approval: K. L. Smith Date: 6-19-24

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PL46611/2425

LOG TRANSFER @ +25C

[illegible]



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

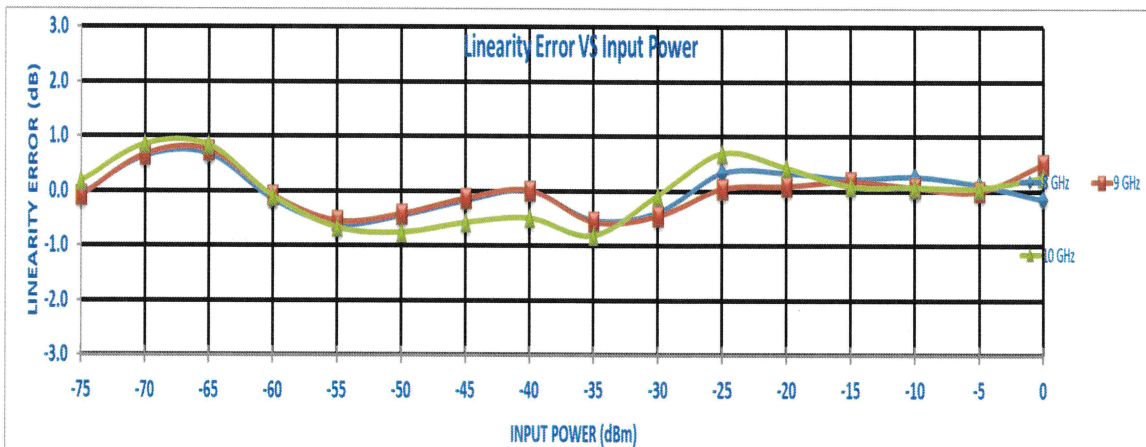
PL46611/2425

LOG TRANSFER @ -54C

LOG TRANSFER WITH FREQUENCY		Output Vos= 0.044															
MODEL: DLVA-8G10G-75-50-SFF																	
TESTED BY: DA																	
DATE: 06/17/2024																	
SERIAL NO: PL46611																	
Test Temp: -54C																	
Frequency		RF Input Power (dBm)															
		-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
8 GHz	INTERCEPT (m)	4069	318	563	833	1091	1406	1662	1925	2157	2401	2614	2841	3100	3330	3570	3781
	SLOPE (mV/dB)	49.2	-61	-62	-38	-26	43	53	70	56	54	21	2	15	-1	-7	-42
			-1.24	-1.26	-0.77	-0.53	0.87	1.08	1.42	1.14	1.10	0.43	0.04	0.30	-0.02	-0.14	-0.86
		Measured Value (mV)															
		Error (mV)															
		LINEARITY ERROR (dB)															
9 GHz	INTERCEPT (m)	4016	342	586	858	1108	1411	1657	1910	2132	2371	2561	2790	3051	3283	3532	3732
	SLOPE (mV/dB)	48.2	-57	-54	-23	-14	48	53	64	45	43	-8	-20	0	-10	-2	-43
			-1.17	-1.11	-0.48	-0.29	0.99	1.09	1.34	0.94	0.89	-0.17	-0.42	-0.01	-0.20	-0.04	-0.89
		Measured Value (mV)															
		Error (mV)															
		LINEARITY ERROR (dB)															
10 GHz	INTERCEPT (m)	4020	380	624	897	1149	1447	1681	1929	2147	2390	2599	2822	3075	3298	3543	3750
	SLOPE (mV/dB)	47.7	-62	-56	-22	-9	51	46	56	35	40	10	-5	9	-6	0	-32
			-1.30	-1.18	-0.46	-0.18	1.07	0.97	1.17	0.74	0.83	0.21	-0.11	0.19	-0.14	0.00	-0.66
Flatness +/-dB																	
		0.6	0.6	0.7	0.6	0.4	0.2	0.2	0.3	0.3	0.5	0.5	0.5	0.5	0.4	0.5	0.3



LOG TRANSFER @ +95C



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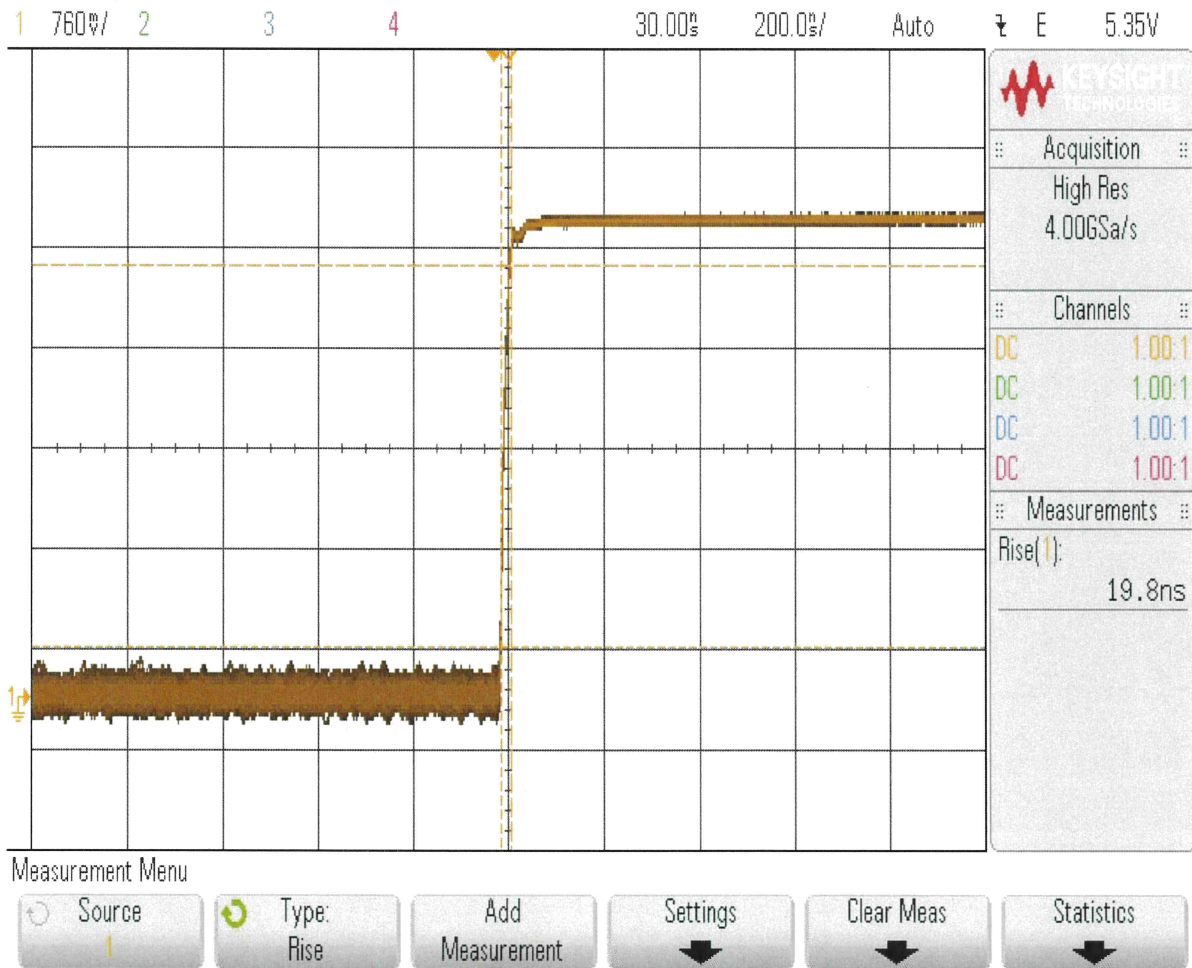


SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF

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RISE TIME

DSO-X 3024A, MY54490369, Tue Jun 18 09:30:52 2024



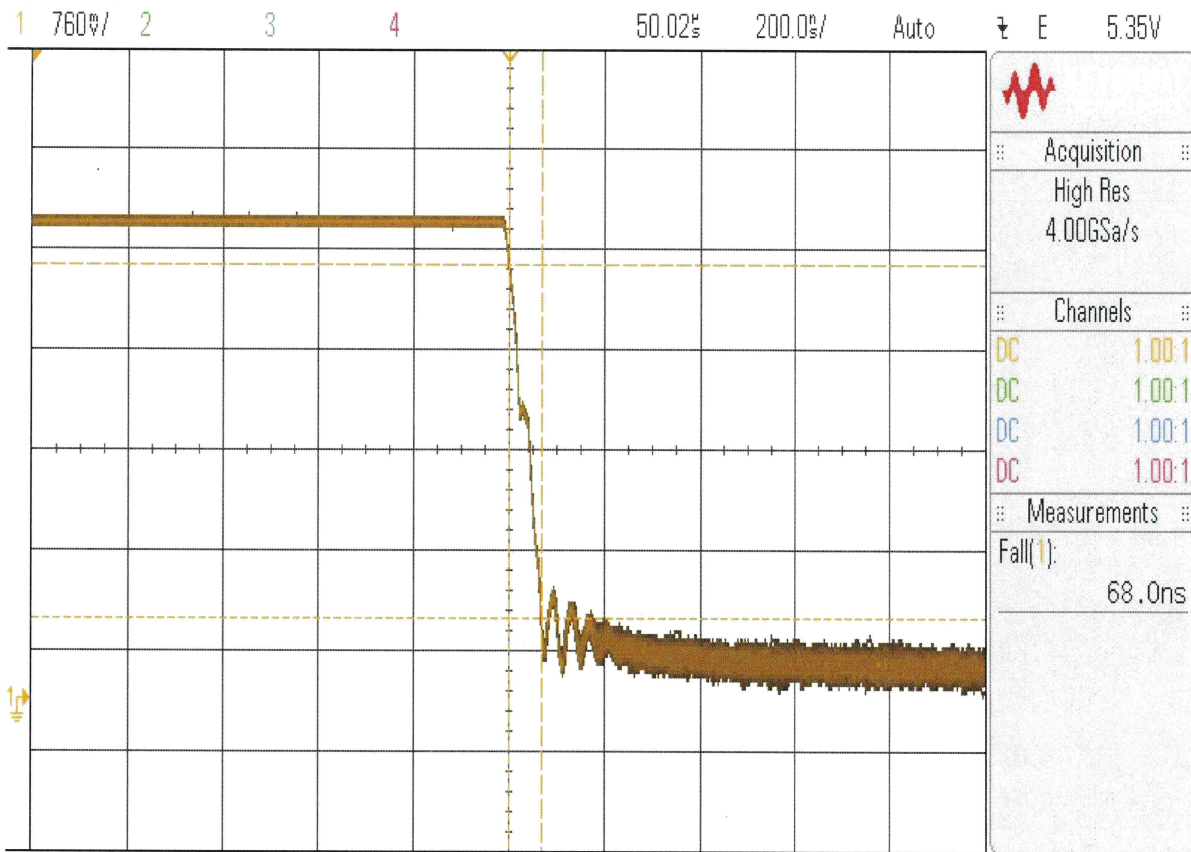


SUMMARY TEST DATA
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FALL/ RECOVERY TIME

DSO-X 3024A, MY54490369: Tue Jun 18 09:32:00 2024



Measurement Menu

Source Type: Fall Add Measurement Settings Clear Meas Statistics



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

PL46611/2425

TSS @ -79dBm

DSO-X 3024A, MY54490369, Tue Jun 18 09:33:29 2024

