

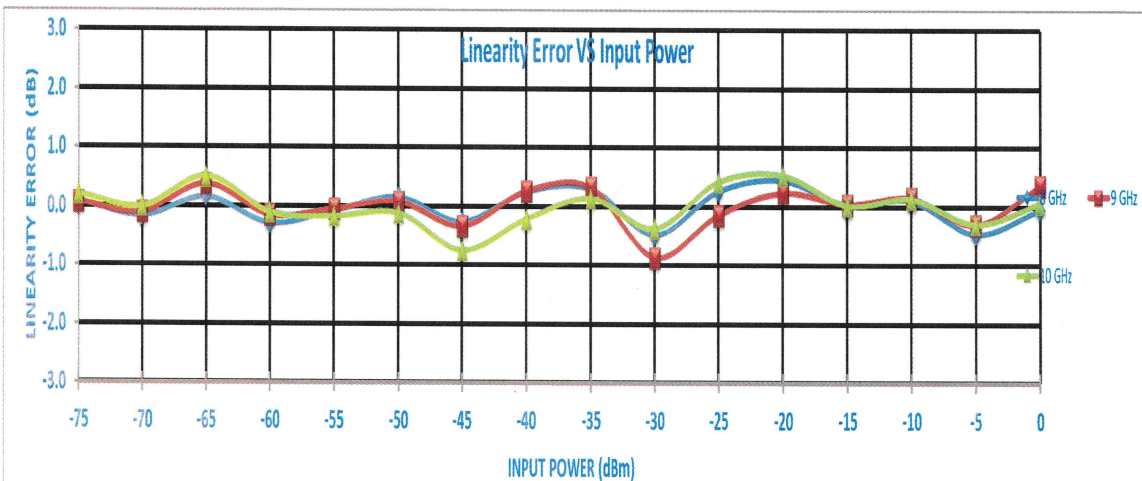
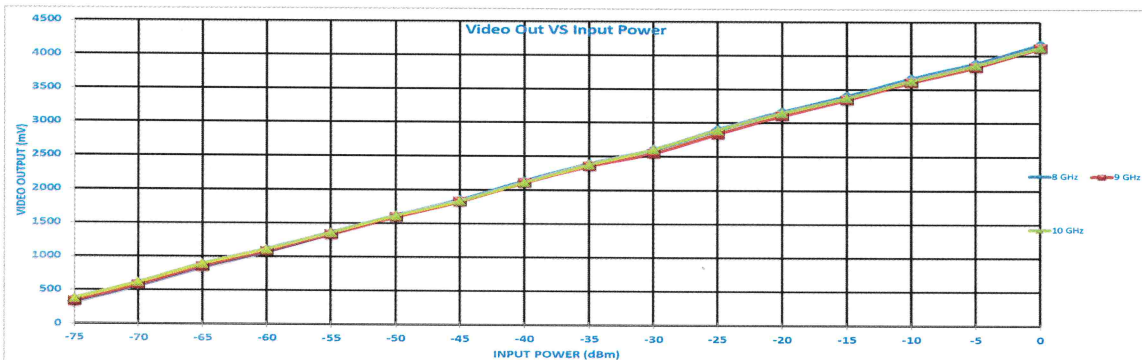


SUMMARY TEST DATA ON DLVA-8G10G-75-50-SFF

PL42385/2341

LOG TRANSFER @ +25C

LOG TRANSFER WITH FREQUENCY MODEL: DLVA-8G10G-75-50-SFF TESTED BY: DA DATE: 06/05/2024 SERIAL NO: PL42385 Test Temp: +25C		 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= 0.065																RF Input Power (dBm)	
		-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0		
8 GHz	INTERCEPT (m)	324	567	840	1073	1341	1609	1844	2127	2388	2602	2897	3163	3398	3658	3885	4163	Measured Value (mV)	
	SLOPE (mV/dB)	5	-9	8	-15	-4	8	-14	13	15	-25	14	23	2	5	-24	-3	Error (mV)	
		0.10	-0.17	0.16	-0.30	-0.07	0.15	-0.27	0.25	0.30	-0.49	0.27	0.45	0.03	0.10	-0.47	-0.05	LINEARITY ERROR (dB)	
9 GHz	INTERCEPT (m)	343	585	860	1084	1340	1597	1827	2108	2362	2553	2840	3110	3351	3607	3835	4119	Measured Value (mV)	
	SLOPE (mV/dB)	4	-5	19	-7	-2	4	-17	13	17	-43	-7	12	2	8	-15	18	Error (mV)	
		0.08	-0.10	0.39	-0.15	-0.04	0.08	-0.34	0.27	0.33	-0.86	-0.14	0.24	0.05	0.15	-0.30	0.36	LINEARITY ERROR (dB)	
10 GHz	INTERCEPT (m)	384	624	900	1120	1367	1620	1839	2116	2384	2609	2899	3155	3380	3636	3865	4133	Measured Value (mV)	
	SLOPE (mV/dB)	10	0	25	-5	-8	-6	-37	-11	7	-19	21	27	1	7	-15	3	Error (mV)	
		0.21	0.00	0.51	-0.10	-0.17	-0.12	-0.74	-0.21	0.14	-0.37	0.42	0.53	0.02	0.13	-0.29	0.06	LINEARITY ERROR (dB)	
Flatness +/-dB		0.6	0.6	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.6	0.6	0.5	0.5	0.5	0.5	0.4		



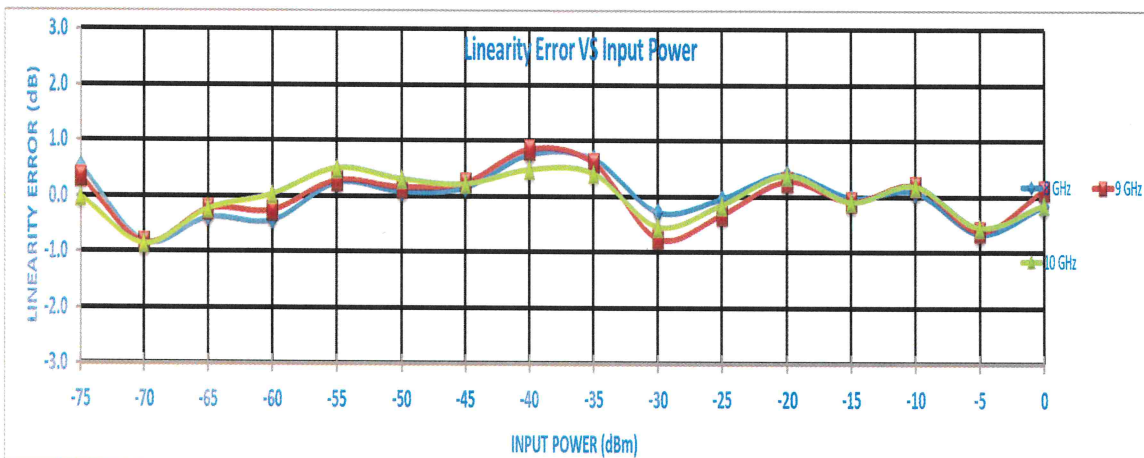
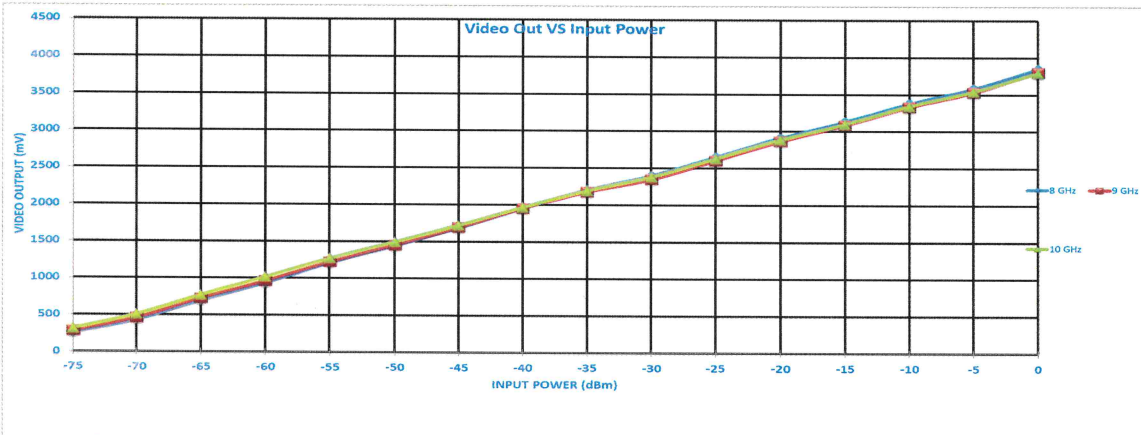


SUMMARY TEST DATA ON DLVA-8G10G-75-50-SFF

PL42385/2341

LOG TRANSFER @ -54C

LOG TRANSFER WITH FREQUENCY MODEL: DLVA-8G10G-75-50-SFF TESTED BY: DA DATE: 06/05/2024 SERIAL NO: PL42385 Test Temp: -54C		Output Vos= 0.064		 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		-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8 GHz	INTERCEPT (m)	265	441	702	940	1213	1446	1690	1959	2198	2391	2643	2905	3125	3370	3575	3840	Measured Value (mV)
	SLOPE (mV/dB)	25	-39	-19	-22	11	3	7	35	32	-14	-2	19	-1	3	-32	-8	Error (mV)
		0.52	-0.82	-0.39	-0.45	0.23	0.07	0.14	0.74	0.66	-0.28	-0.04	0.40	-0.02	0.07	-0.67	-0.16	LINEARITY ERROR (dB)
9 GHz	INTERCEPT (m)	287	467	730	964	1224	1453	1692	1955	2179	2350	2605	2868	3086	3334	3531	3801	Measured Value (mV)
	SLOPE (mV/dB)	16	-39	-11	-12	13	7	12	40	29	-35	-15	13	-4	9	-29	6	Error (mV)
		0.34	-0.83	-0.23	-0.25	0.28	0.16	0.25	0.84	0.61	-0.75	-0.32	0.27	-0.09	0.19	-0.62	0.13	LINEARITY ERROR (dB)
10 GHz	INTERCEPT (m)	320	513	774	1018	1272	1495	1723	1967	2198	2384	2634	2891	3101	3346	3544	3795	Measured Value (mV)
	SLOPE (mV/dB)	0	-39	-10	1	23	14	10	22	19	-25	-7	18	-4	9	-25	-6	Error (mV)
		-0.01	-0.85	-0.22	0.03	0.50	0.31	0.22	0.48	0.41	-0.54	-0.15	0.39	-0.09	0.19	-0.54	-0.14	LINEARITY ERROR (dB)
Flatness +/-dB		0.6	0.8	0.8	0.8	0.6	0.5	0.4	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.5	0.5	





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

PL42385/2341

LOG TRANSFER @ +95C

LOG TRANSFER WITH FREQUENCY																																																																	
MODEL: DLVA-8G10G-75-50-SFF																																																																	
TESTED BY: DA																																																																	
DATE: 06/05/2024																																																																	
SERIAL NO: PL42385																																																																	
Test Temp: +95C														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																																																			
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RF Input Power (dBm)																																																																	
8 GHz		INTERCEPT (m)												4071		Measured Value (mV)																																																	
		SLOPE (mV/dB)												51.2		Error (mV)																																																	
																LINEARITY ERROR (dB)																																																	
<table><tr><td>304</td><td>518</td><td>772</td><td>984</td><td>1217</td><td>1463</td><td>1705</td><td>1984</td><td>2252</td><td>2493</td><td>2803</td><td>3073</td><td>3320</td><td>3580</td><td>3825</td><td>4103</td></tr><tr><td>76</td><td>34</td><td>31</td><td>-13</td><td>-36</td><td>-46</td><td>-60</td><td>-38</td><td>-26</td><td>-41</td><td>13</td><td>27</td><td>17</td><td>21</td><td>-10</td><td>32</td></tr><tr><td>1.48</td><td>0.65</td><td>0.61</td><td>-0.25</td><td>-0.70</td><td>-0.90</td><td>-1.18</td><td>-0.73</td><td>-0.50</td><td>-0.80</td><td>0.25</td><td>0.52</td><td>0.34</td><td>0.41</td><td>0.19</td><td>0.62</td></tr></table>														304	518	772	984	1217	1463	1705	1984	2252	2493	2803	3073	3320	3580	3825	4103	76	34	31	-13	-36	-46	-60	-38	-26	-41	13	27	17	21	-10	32	1.48	0.65	0.61	-0.25	-0.70	-0.90	-1.18	-0.73	-0.50	-0.80	0.25	0.52	0.34	0.41	0.19	0.62				
304	518	772	984	1217	1463	1705	1984	2252	2493	2803	3073	3320	3580	3825	4103																																																		
76	34	31	-13	-36	-46	-60	-38	-26	-41	13	27	17	21	-10	32																																																		
1.48	0.65	0.61	-0.25	-0.70	-0.90	-1.18	-0.73	-0.50	-0.80	0.25	0.52	0.34	0.41	0.19	0.62																																																		
9 GHz		INTERCEPT (m)												4017		Measured Value (mV)																																																	
		SLOPE (mV/dB)												50.2		Error (mV)																																																	
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<table><tr><td>317</td><td>531</td><td>790</td><td>998</td><td>1226</td><td>1467</td><td>1704</td><td>1980</td><td>2244</td><td>2462</td><td>2756</td><td>3029</td><td>3277</td><td>3529</td><td>3779</td><td>4066</td></tr><tr><td>65</td><td>28</td><td>36</td><td>-7</td><td>-30</td><td>-40</td><td>-54</td><td>-29</td><td>-16</td><td>-48</td><td>-6</td><td>12</td><td>13</td><td>14</td><td>13</td><td>49</td></tr><tr><td>1.30</td><td>0.56</td><td>0.72</td><td>-0.14</td><td>-0.60</td><td>-0.80</td><td>-1.08</td><td>-0.58</td><td>-0.32</td><td>-0.98</td><td>-0.12</td><td>0.31</td><td>0.25</td><td>0.27</td><td>0.25</td><td>0.97</td></tr></table>														317	531	790	998	1226	1467	1704	1980	2244	2462	2756	3029	3277	3529	3779	4066	65	28	36	-7	-30	-40	-54	-29	-16	-48	-6	12	13	14	13	49	1.30	0.56	0.72	-0.14	-0.60	-0.80	-1.08	-0.58	-0.32	-0.98	-0.12	0.31	0.25	0.27	0.25	0.97				
317	531	790	998	1226	1467	1704	1980	2244	2462	2756	3029	3277	3529	3779	4066																																																		
65	28	36	-7	-30	-40	-54	-29	-16	-48	-6	12	13	14	13	49																																																		
1.30	0.56	0.72	-0.14	-0.60	-0.80	-1.08	-0.58	-0.32	-0.98	-0.12	0.31	0.25	0.27	0.25	0.97																																																		
10 GHz		INTERCEPT (m)												4045		Measured Value (mV)																																																	
		SLOPE (mV/dB)												50.7		Error (mV)																																																	
																LINEARITY ERROR (dB)																																																	
<table><tr><td>317</td><td>532</td><td>790</td><td>996</td><td>1224</td><td>1464</td><td>1693</td><td>1958</td><td>2234</td><td>2490</td><td>2798</td><td>3060</td><td>3299</td><td>3555</td><td>3806</td><td>4084</td></tr><tr><td>75</td><td>36</td><td>41</td><td>-7</td><td>-32</td><td>-46</td><td>-70</td><td>-59</td><td>-37</td><td>-34</td><td>20</td><td>29</td><td>14</td><td>17</td><td>14</td><td>39</td></tr><tr><td>1.47</td><td>0.71</td><td>0.80</td><td>-0.14</td><td>-0.64</td><td>-0.91</td><td>-1.39</td><td>-1.16</td><td>-0.72</td><td>-0.67</td><td>0.40</td><td>0.57</td><td>0.28</td><td>0.33</td><td>0.28</td><td>0.77</td></tr></table>														317	532	790	996	1224	1464	1693	1958	2234	2490	2798	3060	3299	3555	3806	4084	75	36	41	-7	-32	-46	-70	-59	-37	-34	20	29	14	17	14	39	1.47	0.71	0.80	-0.14	-0.64	-0.91	-1.39	-1.16	-0.72	-0.67	0.40	0.57	0.28	0.33	0.28	0.77				
317	532	790	996	1224	1464	1693	1958	2234	2490	2798	3060	3299	3555	3806	4084																																																		
75	36	41	-7	-32	-46	-70	-59	-37	-34	20	29	14	17	14	39																																																		
1.47	0.71	0.80	-0.14	-0.64	-0.91	-1.39	-1.16	-0.72	-0.67	0.40	0.57	0.28	0.33	0.28	0.77																																																		
Flatness +/-dB		<table><tr><td>0.1</td><td>0.1</td><td>0.2</td><td>0.1</td><td>0.1</td><td>0</td><td>0.1</td><td>0.3</td><td>0.2</td><td>0.3</td><td>0.5</td><td>0.4</td><td>0.4</td><td>0.5</td><td>0.5</td><td>0.4</td></tr></table>														0.1	0.1	0.2	0.1	0.1	0	0.1	0.3	0.2	0.3	0.5	0.4	0.4	0.5	0.5	0.4																																		
0.1	0.1	0.2	0.1	0.1	0	0.1	0.3	0.2	0.3	0.5	0.4	0.4	0.5	0.5	0.4																																																		

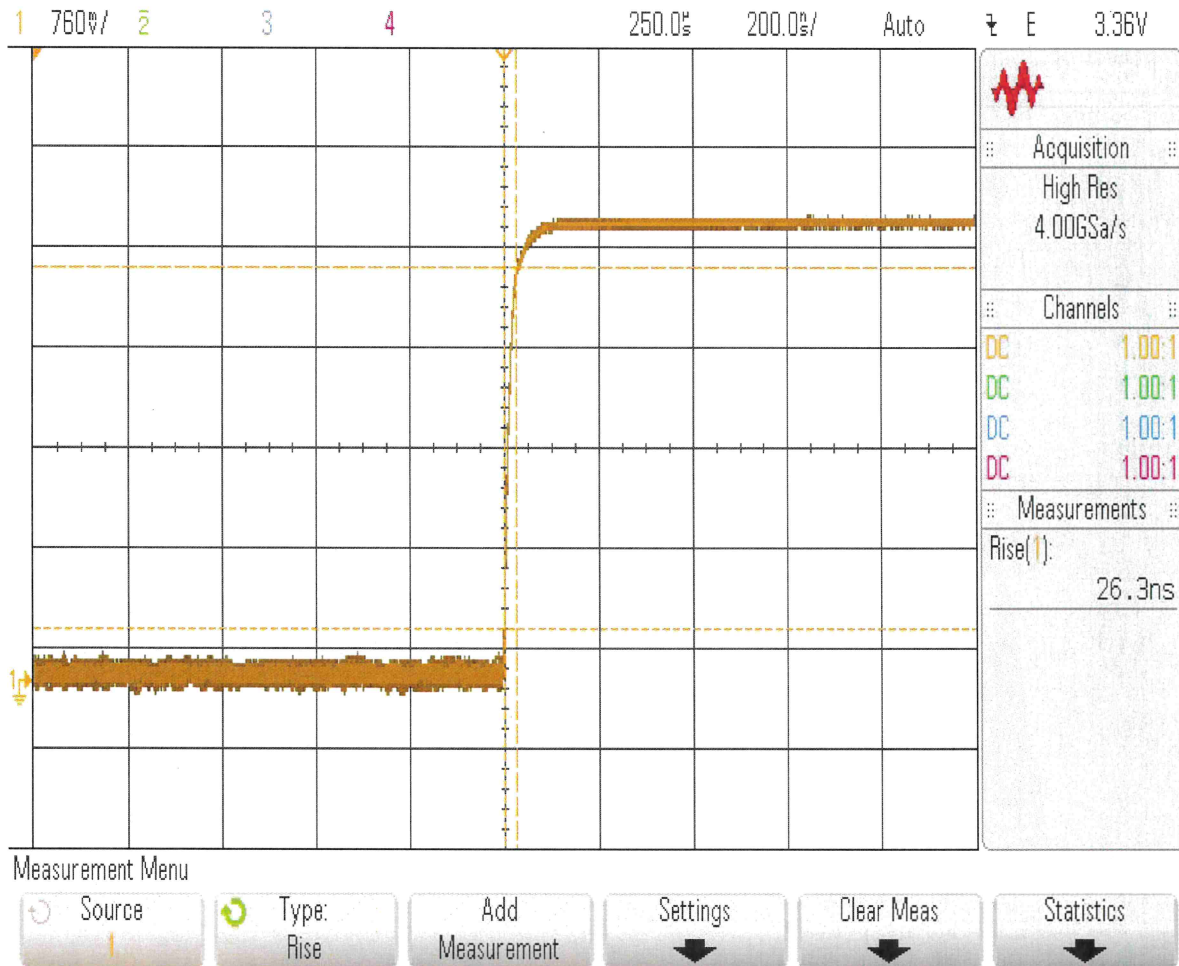


SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF

PL42385/2341

RISE TIME

DSO-X 3024A, MY54490369, Thu Jun 06 10:09:51 2024



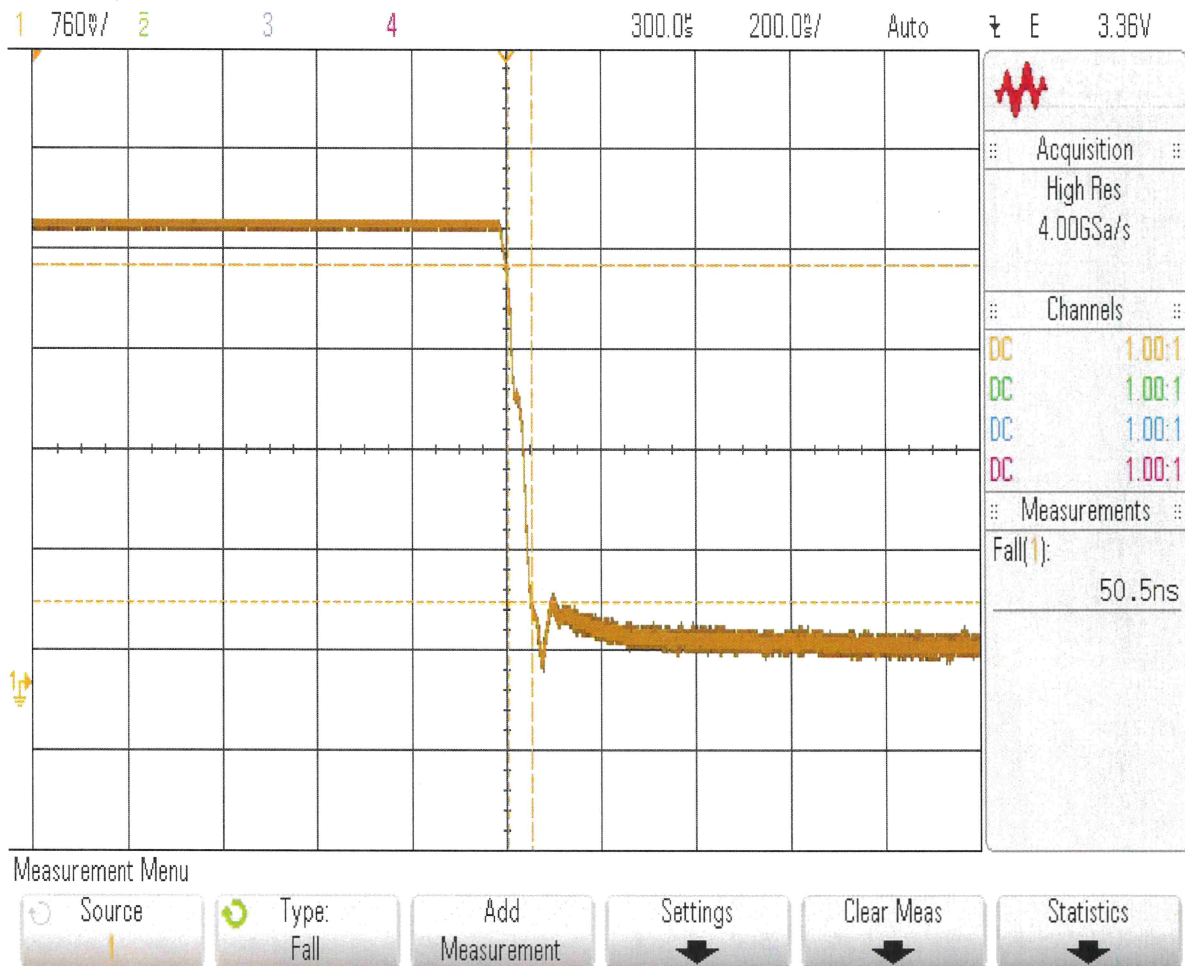


**SUMMARY TEST DATA
ON
DLVA-8G10G-75-50-SFF**

PL42385/2341

FALL/ RECOVERY TIME

DSO-X 3024A, MY54490369: Thu Jun 06 10:10:59 2024





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

PL42385/2341

TSS @ -80dBm

DSO-X 3024A, MY54490369: Thu Jun 06 10:12:32 2024

