



**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

Customer: _____	Tested By: <u>J. Hopson</u>
SO No: _____	Temperature: <u>-25°C +25C +85C</u>
Model No: <u>ERDLVA-218-CW-75MV-93</u>	Date: <u>11/29/2022</u>
Serial No: <u>PL38404/2248</u>	Drawing No: <u>27642440</u> Rev: <u>A1</u>

A.K. Nutter 11-29-22

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 to 18 GHz	2 to 18 GHz	PMI QA3
2	VSWR:	2.5:1 MAX @ -20 dBm	1.24:1 MAX	
3	Input Power:	23 dBm Max.	Pass	
4	VIDEO OUT TSS:	-42 dBm MAX	-43dBm	
5	VIDEO OUT Dynamic Range:	-40 to +20 dBm	-40 to +20 dBm	
6	VIDEO OUT Log Slope Fixed:	75 ± 10mV/dB	73.0-83.2mV/dB	
7	VIDEO OUT Log Linearity:	±1.0 dB MAX @25C ±1.5 dB MAX @ Over Temperature	See attached Graphs	
8	VIDEO OUT DC Offset:	0 to 125 mV @25C	59mV	
9	VIDEO OUT Rise Time (10% to 90%):	25 ns MAX	16.0ns	
10	VIDEO OUT Settling Time:	±0.5dB within 25ns from 90%	<0.5dB	

4921 Robert J. Mathews Pkwy Suite 1, El Dorado Hills, CA 95762 USA Phone: (916)542-1401 Fax: (916)265-2597 Email: sales@pmi-rf.com



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11	VIDEO OUT Recovery	500ns MAX	310ns	PMI QA3
12	Video Frequency Flatness:	3.0 dB p-p MAX @ -20dBm	1.20dB p-p MAX @ -20dBm	
13	VIDEO OUT CW Immunity:	CW Immune Power -50 to -10 dBm	Pass	
		CW Attack Time 1500us	1199us	
		CW Release Time 250us	30us	
17	Pulse droop	1dB Max for 250us pulses	<1dB	
18	VIDEO OUT Pulse Response, input Signal:	100 ns to 300 us	100 ns to 300 us	
19	VIDEO LOAD Impedance:	93 ±1 Ω	93Ω	
21	VIDEO OUT Noise Level (RMS):	102 mV max	47.9mV	
22	VIDEO OUT Propagation Delay:	35 ns MAX from RF 10% to 10% video (excluding cable)	17ns	
23	Power Supply	+12 V @ 250 mA MAX -12 V @ 250 mA MAX	+12 V @ 220 mA -12 V @ 70 mA	

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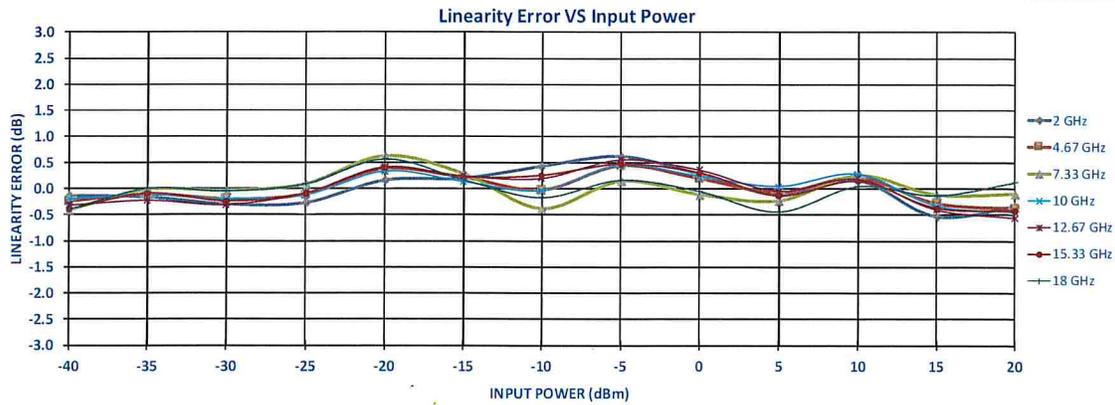


SUMMARY TEST DATA ON ERDLVA-218-CW-75MV-93

PL38404/2248

<p>LOG TRANSFER WITH FREQUENCY MODEL: ERDLVA-218-CW-75MV-93 TESTED BY: J.Merriner DATE: 11-29-22 SERIAL NO: PL38404 Test Temp: +25C</p>		 PLANAR MONOLITHICS INDUSTRIES 4921 Robert J. Mathews Parkway, Suite 1 El Dorado Hills, CA 95762 Phone: 916-542-1401 Fax: 301-662-																																								
Frequency		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">-40</th><th style="width: 10%;">-35</th><th style="width: 10%;">-30</th><th style="width: 10%;">-25</th><th style="width: 10%;">-20</th><th style="width: 10%;">-15</th><th style="width: 10%;">-10</th><th style="width: 10%;">-5</th><th style="width: 10%;">0</th><th style="width: 10%;">5</th><th style="width: 10%;">10</th><th style="width: 10%;">15</th><th style="width: 10%;">20</th> </tr> </table>	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20	RF Input Power (dBm)																										
-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20																														
2 GHz	INTERCEPT (mV) 3485 SLOPE (mV/dB) 79.4	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>299</td><td>694</td><td>1080</td><td>1479</td><td>1910</td><td>2310</td><td>2725</td><td>3137</td><td>3507</td><td>3872</td><td>4291</td><td>4633</td><td>5046</td></tr> <tr><td>-11</td><td>-13</td><td>-24</td><td>-22</td><td>13</td><td>16</td><td>34</td><td>49</td><td>22</td><td>-9</td><td>13</td><td>-42</td><td>-26</td></tr> <tr><td>-0.14</td><td>-0.16</td><td>-0.30</td><td>-0.27</td><td>0.16</td><td>0.20</td><td>0.43</td><td>0.62</td><td>0.28</td><td>-0.12</td><td>0.16</td><td>-0.53</td><td>-0.33</td></tr> </table>	299	694	1080	1479	1910	2310	2725	3137	3507	3872	4291	4633	5046	-11	-13	-24	-22	13	16	34	49	22	-9	13	-42	-26	-0.14	-0.16	-0.30	-0.27	0.16	0.20	0.43	0.62	0.28	-0.12	0.16	-0.53	-0.33	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
299	694	1080	1479	1910	2310	2725	3137	3507	3872	4291	4633	5046																														
-11	-13	-24	-22	13	16	34	49	22	-9	13	-42	-26																														
-0.14	-0.16	-0.30	-0.27	0.16	0.20	0.43	0.62	0.28	-0.12	0.16	-0.53	-0.33																														
4.67 GHz	INTERCEPT (mV) 3448 SLOPE (mV/dB) 78.0	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>307</td><td>708</td><td>1091</td><td>1488</td><td>1916</td><td>2294</td><td>2665</td><td>3092</td><td>3463</td><td>3832</td><td>4245</td><td>4596</td><td>4979</td></tr> <tr><td>-19</td><td>-9</td><td>-16</td><td>-9</td><td>29</td><td>17</td><td>-2</td><td>34</td><td>15</td><td>-6</td><td>17</td><td>-22</td><td>-29</td></tr> <tr><td>-0.25</td><td>-0.11</td><td>-0.20</td><td>-0.11</td><td>0.37</td><td>0.22</td><td>-0.03</td><td>0.44</td><td>0.20</td><td>-0.08</td><td>0.22</td><td>-0.29</td><td>-0.38</td></tr> </table>	307	708	1091	1488	1916	2294	2665	3092	3463	3832	4245	4596	4979	-19	-9	-16	-9	29	17	-2	34	15	-6	17	-22	-29	-0.25	-0.11	-0.20	-0.11	0.37	0.22	-0.03	0.44	0.20	-0.08	0.22	-0.29	-0.38	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
307	708	1091	1488	1916	2294	2665	3092	3463	3832	4245	4596	4979																														
-19	-9	-16	-9	29	17	-2	34	15	-6	17	-22	-29																														
-0.25	-0.11	-0.20	-0.11	0.37	0.22	-0.03	0.44	0.20	-0.08	0.22	-0.29	-0.38																														
7.33 GHz	INTERCEPT (mV) 3432 SLOPE (mV/dB) 76.5	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>341</td><td>754</td><td>1135</td><td>1527</td><td>1951</td><td>2307</td><td>2638</td><td>3061</td><td>3424</td><td>3797</td><td>4217</td><td>4571</td><td>4955</td></tr> <tr><td>-32</td><td>-1</td><td>-3</td><td>7</td><td>48</td><td>22</td><td>-30</td><td>11</td><td>-8</td><td>-18</td><td>20</td><td>-9</td><td>-7</td></tr> <tr><td>-0.42</td><td>-0.02</td><td>-0.04</td><td>0.09</td><td>0.63</td><td>0.29</td><td>-0.39</td><td>0.14</td><td>-0.11</td><td>-0.23</td><td>0.26</td><td>-0.12</td><td>-0.10</td></tr> </table>	341	754	1135	1527	1951	2307	2638	3061	3424	3797	4217	4571	4955	-32	-1	-3	7	48	22	-30	11	-8	-18	20	-9	-7	-0.42	-0.02	-0.04	0.09	0.63	0.29	-0.39	0.14	-0.11	-0.23	0.26	-0.12	-0.10	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
341	754	1135	1527	1951	2307	2638	3061	3424	3797	4217	4571	4955																														
-32	-1	-3	7	48	22	-30	11	-8	-18	20	-9	-7																														
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10 GHz	INTERCEPT (mV) 3467 SLOPE (mV/dB) 78.3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>320</td><td>718</td><td>1103</td><td>1500</td><td>1927</td><td>2303</td><td>2681</td><td>3110</td><td>3485</td><td>3861</td><td>4271</td><td>4615</td><td>4997</td></tr> <tr><td>-16</td><td>-9</td><td>-16</td><td>-10</td><td>26</td><td>10</td><td>-3</td><td>35</td><td>18</td><td>3</td><td>22</td><td>-26</td><td>-35</td></tr> <tr><td>-0.20</td><td>-0.12</td><td>-0.20</td><td>-0.13</td><td>0.33</td><td>0.13</td><td>-0.04</td><td>0.44</td><td>0.23</td><td>0.04</td><td>0.28</td><td>-0.33</td><td>-0.45</td></tr> </table>	320	718	1103	1500	1927	2303	2681	3110	3485	3861	4271	4615	4997	-16	-9	-16	-10	26	10	-3	35	18	3	22	-26	-35	-0.20	-0.12	-0.20	-0.13	0.33	0.13	-0.04	0.44	0.23	0.04	0.28	-0.33	-0.45	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
320	718	1103	1500	1927	2303	2681	3110	3485	3861	4271	4615	4997																														
-16	-9	-16	-10	26	10	-3	35	18	3	22	-26	-35																														
-0.20	-0.12	-0.20	-0.13	0.33	0.13	-0.04	0.44	0.23	0.04	0.28	-0.33	-0.45																														
12.67 GHz	INTERCEPT (mV) 3485 SLOPE (mV/dB) 78.3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>327</td><td>726</td><td>1111</td><td>1520</td><td>1951</td><td>2329</td><td>2717</td><td>3137</td><td>3513</td><td>3873</td><td>4283</td><td>4628</td><td>5007</td></tr> <tr><td>-25</td><td>-18</td><td>-24</td><td>-7</td><td>32</td><td>19</td><td>15</td><td>44</td><td>28</td><td>-3</td><td>15</td><td>-32</td><td>-44</td></tr> <tr><td>-0.32</td><td>-0.23</td><td>-0.31</td><td>-0.09</td><td>0.41</td><td>0.24</td><td>0.20</td><td>0.56</td><td>0.36</td><td>-0.04</td><td>0.19</td><td>-0.40</td><td>-0.56</td></tr> </table>	327	726	1111	1520	1951	2329	2717	3137	3513	3873	4283	4628	5007	-25	-18	-24	-7	32	19	15	44	28	-3	15	-32	-44	-0.32	-0.23	-0.31	-0.09	0.41	0.24	0.20	0.56	0.36	-0.04	0.19	-0.40	-0.56	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
327	726	1111	1520	1951	2329	2717	3137	3513	3873	4283	4628	5007																														
-25	-18	-24	-7	32	19	15	44	28	-3	15	-32	-44																														
-0.32	-0.23	-0.31	-0.09	0.41	0.24	0.20	0.56	0.36	-0.04	0.19	-0.40	-0.56																														
15.33 GHz	INTERCEPT (mV) 3518 SLOPE (mV/dB) 78.8	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>336</td><td>754</td><td>1136</td><td>1541</td><td>1974</td><td>2354</td><td>2750</td><td>3161</td><td>3542</td><td>3901</td><td>4317</td><td>4670</td><td>5060</td></tr> <tr><td>-32</td><td>-7</td><td>-19</td><td>-8</td><td>31</td><td>17</td><td>20</td><td>37</td><td>24</td><td>-11</td><td>11</td><td>-29</td><td>-33</td></tr> <tr><td>-0.40</td><td>-0.09</td><td>-0.24</td><td>-0.10</td><td>0.40</td><td>0.22</td><td>0.25</td><td>0.47</td><td>0.30</td><td>-0.14</td><td>0.14</td><td>-0.37</td><td>-0.42</td></tr> </table>	336	754	1136	1541	1974	2354	2750	3161	3542	3901	4317	4670	5060	-32	-7	-19	-8	31	17	20	37	24	-11	11	-29	-33	-0.40	-0.09	-0.24	-0.10	0.40	0.22	0.25	0.47	0.30	-0.14	0.14	-0.37	-0.42	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
336	754	1136	1541	1974	2354	2750	3161	3542	3901	4317	4670	5060																														
-32	-7	-19	-8	31	17	20	37	24	-11	11	-29	-33																														
-0.40	-0.09	-0.24	-0.10	0.40	0.22	0.25	0.47	0.30	-0.14	0.14	-0.37	-0.42																														
18 GHz	INTERCEPT (mV) 3508 SLOPE (mV/dB) 77.7	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>368</td><td>788</td><td>1173</td><td>1572</td><td>1998</td><td>2356</td><td>2718</td><td>3133</td><td>3505</td><td>3863</td><td>4290</td><td>4665</td><td>5073</td></tr> <tr><td>-31</td><td>1</td><td>-3</td><td>7</td><td>45</td><td>14</td><td>-13</td><td>13</td><td>-3</td><td>-34</td><td>4</td><td>-10</td><td>10</td></tr> <tr><td>-0.39</td><td>0.01</td><td>-0.04</td><td>0.09</td><td>0.57</td><td>0.18</td><td>-0.17</td><td>0.17</td><td>-0.04</td><td>-0.44</td><td>0.05</td><td>-0.12</td><td>0.13</td></tr> </table>	368	788	1173	1572	1998	2356	2718	3133	3505	3863	4290	4665	5073	-31	1	-3	7	45	14	-13	13	-3	-34	4	-10	10	-0.39	0.01	-0.04	0.09	0.57	0.18	-0.17	0.17	-0.04	-0.44	0.05	-0.12	0.13	Measured Value (mV) Error (mV) LINEARITY ERROR (dB)
368	788	1173	1572	1998	2356	2718	3133	3505	3863	4290	4665	5073																														
-31	1	-3	7	45	14	-13	13	-3	-34	4	-10	10																														
-0.39	0.01	-0.04	0.09	0.57	0.18	-0.17	0.17	-0.04	-0.44	0.05	-0.12	0.13																														
Flatness P-P		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">-40</th><th style="width: 10%;">-35</th><th style="width: 10%;">-30</th><th style="width: 10%;">-25</th><th style="width: 10%;">-20</th><th style="width: 10%;">-15</th><th style="width: 10%;">-10</th><th style="width: 10%;">-5</th><th style="width: 10%;">0</th><th style="width: 10%;">5</th><th style="width: 10%;">10</th><th style="width: 10%;">15</th><th style="width: 10%;">20</th> </tr> <tr> <td>0.8</td><td>1.2</td><td>1.2</td><td>1.2</td><td>1.2</td><td>0.8</td><td>1.4</td><td>1.2</td><td>1.6</td><td>1.4</td><td>1.2</td><td>1.2</td><td>1.6</td> </tr> </table>	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20	0.8	1.2	1.2	1.2	1.2	0.8	1.4	1.2	1.6	1.4	1.2	1.2	1.6														
-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20																														
0.8	1.2	1.2	1.2	1.2	0.8	1.4	1.2	1.6	1.4	1.2	1.2	1.6																														
Slope Avg(mV/dB)		78.1																																								

LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-218-CW-75MV-93
 SERIAL NO: PL38404
 Test Temp: +25C



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Page #1

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 MODEL: ERDLVA-218-CW-75MV-93
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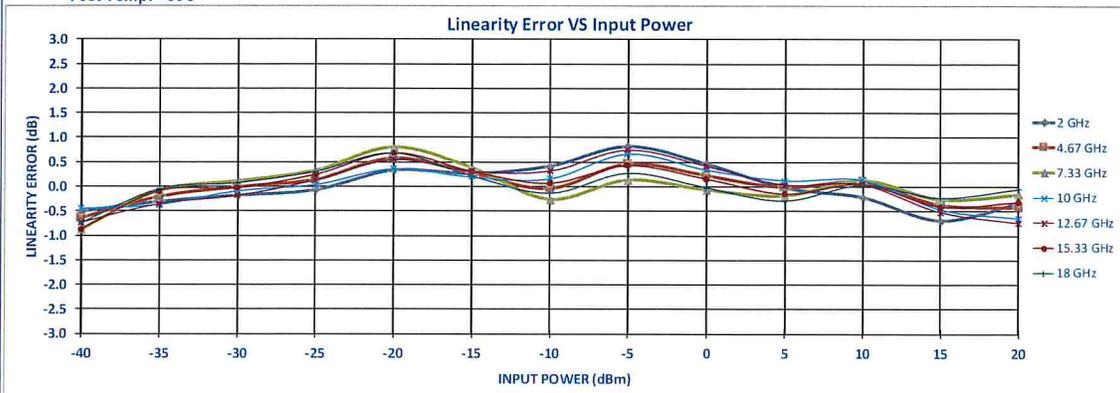


PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway,
 Suite 1
 El Dorado Hills, CA 95762
 Phone: 916-542-1401 Fax: 301-662-

Frequency		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20	
2 GHz	INTERCEPT (mV)	3334													
	SLOPE (mV/dB)	75.6													
	RF Input Power (dBm)	274	667	1054	1440	1848	2221	2610	3018	3369	3710	4073	4415	4820	
Measured Value (mV)	-38	-23	-14	-5	25	20	32	62	36	-1	-16	-62	-25		
Error (mV)	-0.61	-0.30	-0.18	-0.07	0.33	0.27	0.42	0.82	0.47	-0.02	-0.21	-0.69	-0.33		
LINEARITY ERROR (dB)															
4.67 GHz	INTERCEPT (mV)	3301													
	SLOPE (mV/dB)	74.1													
	RF Input Power (dBm)	287	690	1075	1457	1860	2208	2566	2964	3317	3670	4049	4385	4752	
Measured Value (mV)	-48	-16	-1	10	42	19	-3	34	16	-1	7	-28	-32		
Error (mV)	-0.65	-0.21	-0.02	0.13	0.57	0.26	-0.04	0.46	0.22	-0.02	0.09	-0.37	-0.43		
LINEARITY ERROR (dB)															
7.33 GHz	INTERCEPT (mV)	3281													
	SLOPE (mV/dB)	72.9													
	RF Input Power (dBm)	302	724	1102	1482	1881	2215	2533	2926	3276	3632	4019	4355	4727	
Measured Value (mV)	-63	-6	8	23	58	28	-19	10	-5	-13	9	-19	-11		
Error (mV)	-0.87	-0.08	0.11	0.32	0.80	0.38	-0.26	0.13	-0.06	-0.18	0.13	-0.26	-0.16		
LINEARITY ERROR (dB)															
10 GHz	INTERCEPT (mV)	3291													
	SLOPE (mV/dB)	75.3													
	RF Input Power (dBm)	245	627	1025	1411	1812	2176	2550	2965	3317	3677	4055	4386	4749	
Measured Value (mV)	-34	-28	-7	3	27	14	12	60	26	9	11	-35	-49		
Error (mV)	-0.45	-0.37	-0.09	0.04	0.36	0.19	0.16	0.67	0.34	0.12	0.14	-0.46	-0.64		
LINEARITY ERROR (dB)															
12.67 GHz	INTERCEPT (mV)	3326													
	SLOPE (mV/dB)	74.9													
	RF Input Power (dBm)	274	677	1064	1462	1868	2225	2600	3007	3357	3703	4078	4410	4768	
Measured Value (mV)	-65	-27	-14	9	41	23	24	66	32	3	3	-39	-66		
Error (mV)	-0.74	-0.36	-0.19	0.12	0.54	0.31	0.32	0.75	0.42	0.04	0.05	-0.52	-0.74		
LINEARITY ERROR (dB)															
15.33 GHz	INTERCEPT (mV)	3360													
	SLOPE (mV/dB)	74.2													
	RF Input Power (dBm)	326	755	1131	1622	1926	2269	2622	3020	3371	3719	4106	4442	4820	
Measured Value (mV)	-65	-7	-2	18	51	22	4	31	11	-12	3	-31	-24		
Error (mV)	-0.88	-0.10	-0.03	0.24	0.68	0.30	0.06	0.42	0.16	-0.16	0.05	-0.41	-0.32		
LINEARITY ERROR (dB)															
18 GHz	INTERCEPT (mV)	3348													
	SLOPE (mV/dB)	74.6													
	RF Input Power (dBm)	310	734	1116	1506	1907	2245	2592	2995	3346	3699	4096	4449	4835	
Measured Value (mV)	-65	-4	5	22	60	16	-10	20	-2	-22	2	-17	-4		
Error (mV)	-0.74	-0.06	0.07	0.30	0.67	0.21	-0.14	0.27	-0.03	-0.29	0.03	-0.23	-0.06		
LINEARITY ERROR (dB)															
Flatness P-P		1.0	1.8	1.4	1.4	1.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	
Slope Avg(mv/dB)		74.5													

Page #2

LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-218-CW-75MV-93
 SERIAL NO: PL38404
 Test Temp: +85C





SUMMARY TEST DATA ON ERDLVA-218-CW-75MV-93

PL38404/2248

Page #1

LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-218-CW-75MV-93
 TESTED BY: J. Merriner
 DATE: 11-29-22
 SERIAL NO: PL38404
 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-

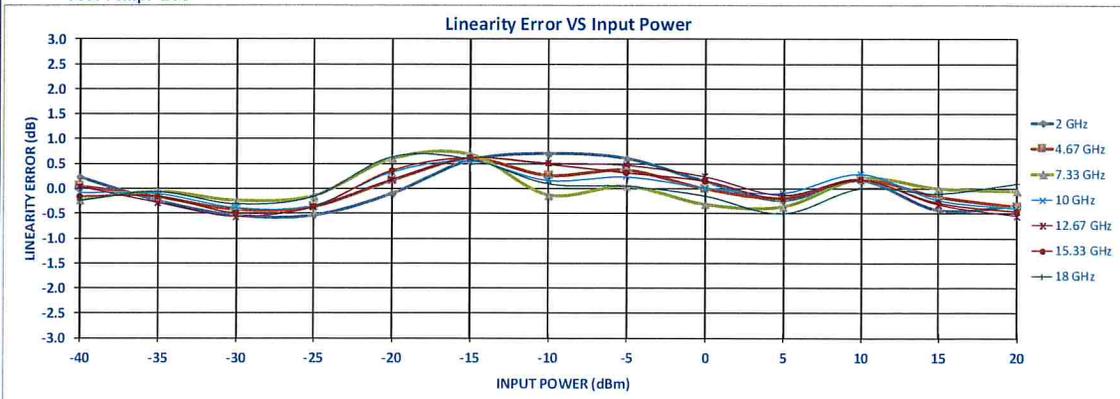
Frequency		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20	
2 GHz	INTERCEPT (mV)	3541													
	SLOPE (mV/dB)	83.2													
		231	608	1000	1416	1868	2340	2767	3175	3553	3938	4387	4754	5178	
		19	-20	-44	-45	-9	47	58	50	12	-19	14	-35	-27	
		0.23	-0.24	-0.53	-0.54	-0.10	0.57	0.70	0.60	0.14	-0.23	0.17	-0.42	-0.33	
4.67 GHz	INTERCEPT (mV)	3518													
	SLOPE (mV/dB)	82.0													
		240	633	1022	1437	1890	2336	2719	3138	3518	3913	4354	4735	5129	
		4	-13	-34	-30	13	49	22	31	0	-15	16	-13	-29	
		0.05	-0.16	-0.42	-0.36	0.16	0.60	0.27	0.37	0.00	-0.18	0.19	-0.16	-0.36	
7.33 GHz	INTERCEPT (mV)	3511													
	SLOPE (mV/dB)	80.3													
		281	696	1083	1492	1953	2362	2698	3114	3486	3884	4331	4716	5113	
		-18	-5	-19	-12	48	55	-10	4	-25	-29	17	0	-5	
		-0.23	-0.06	-0.24	-0.15	0.59	0.69	-0.13	0.05	-0.32	-0.36	0.21	0.00	-0.06	
10 GHz	INTERCEPT (mV)	3560													
	SLOPE (mV/dB)	82.0													
		275	683	1070	1483	1948	2376	2754	3170	3562	3963	4404	4771	5167	
		-6	-8	-31	-28	27	45	14	20	2	-7	24	-19	-32	
		-0.08	-0.10	-0.38	-0.34	0.33	0.55	0.17	0.24	0.02	-0.08	0.30	-0.23	-0.40	
12.67 GHz	INTERCEPT (mV)	3562													
	SLOPE (mV/dB)	82.9													
		251	638	1029	1459	1920	2370	2776	3187	3582	3965	4406	4778	5173	
		3	-24	-47	-32	15	51	43	39	20	-11	15	-27	-46	
		0.04	-0.29	-0.57	-0.38	0.18	0.61	0.51	0.47	0.24	-0.14	0.19	-0.32	-0.56	
15.33 GHz	INTERCEPT (mV)	3607													
	SLOPE (mV/dB)	82.9													
		280	694	1081	1505	1980	2416	2819	3219	3620	4005	4450	4826	5226	
		-13	-13	-41	-31	30	52	40	26	13	-16	14	-24	-38	
		-0.16	-0.16	-0.49	-0.37	0.36	0.62	0.49	0.32	0.16	-0.20	0.17	-0.29	-0.46	
18 GHz	INTERCEPT (mV)	3599													
	SLOPE (mV/dB)	81.4													
		325	746	1133	1552	2023	2426	2793	3196	3587	3965	4413	4811	5234	
		-19	-5	-25	-13	52	48	8	4	-12	-40	1	-8	8	
		-0.24	-0.06	-0.30	-0.15	0.63	0.59	0.10	0.05	-0.14	-0.50	0.01	-0.10	0.10	
Flatness P-P		1.2	1.6	1.6	1.6	1.8	1.0	1.4	1.2	1.6	1.4	1.4	1.4	1.4	
Slope Avg(mV/dB)		82.1													

RF Input Power (dBm)

Measured Value (mV)
 Error (mV)
 LINEARITY ERROR (dB)

LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-218-CW-75MV-93
 SERIAL NO: PL38404
 Test Temp: -25C

Page #2





**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

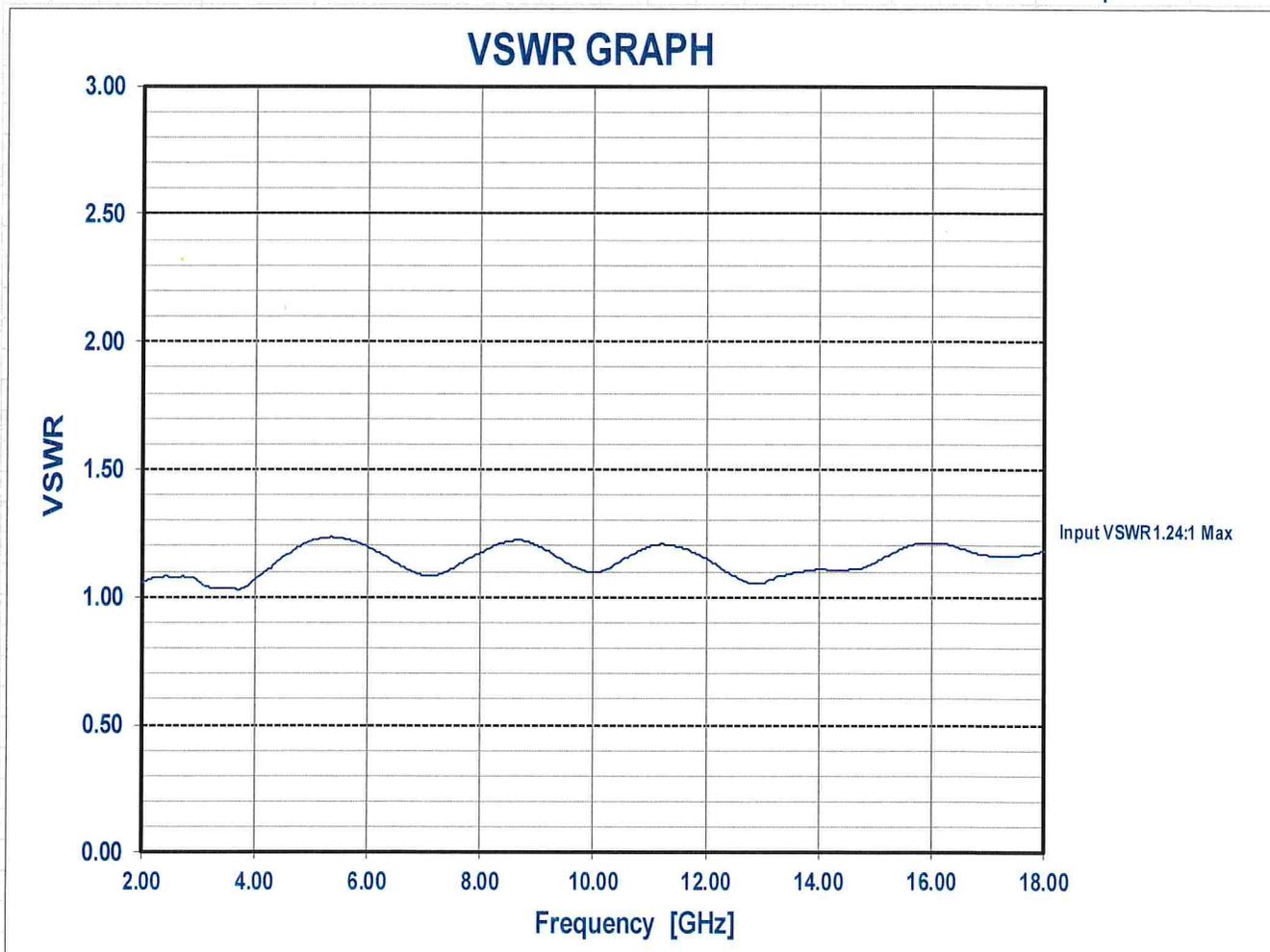
SWR

Model Number: ERDLVA-2G18G-CW-75MV-93

Serial Number: PL38404

Date: 11/29/2022

Temperature: +25C



4921 Robert J. Mathews Pkwy Suite 1, El Dorado Hills, CA 95762 USA Phone: (916)542-1401 Fax:
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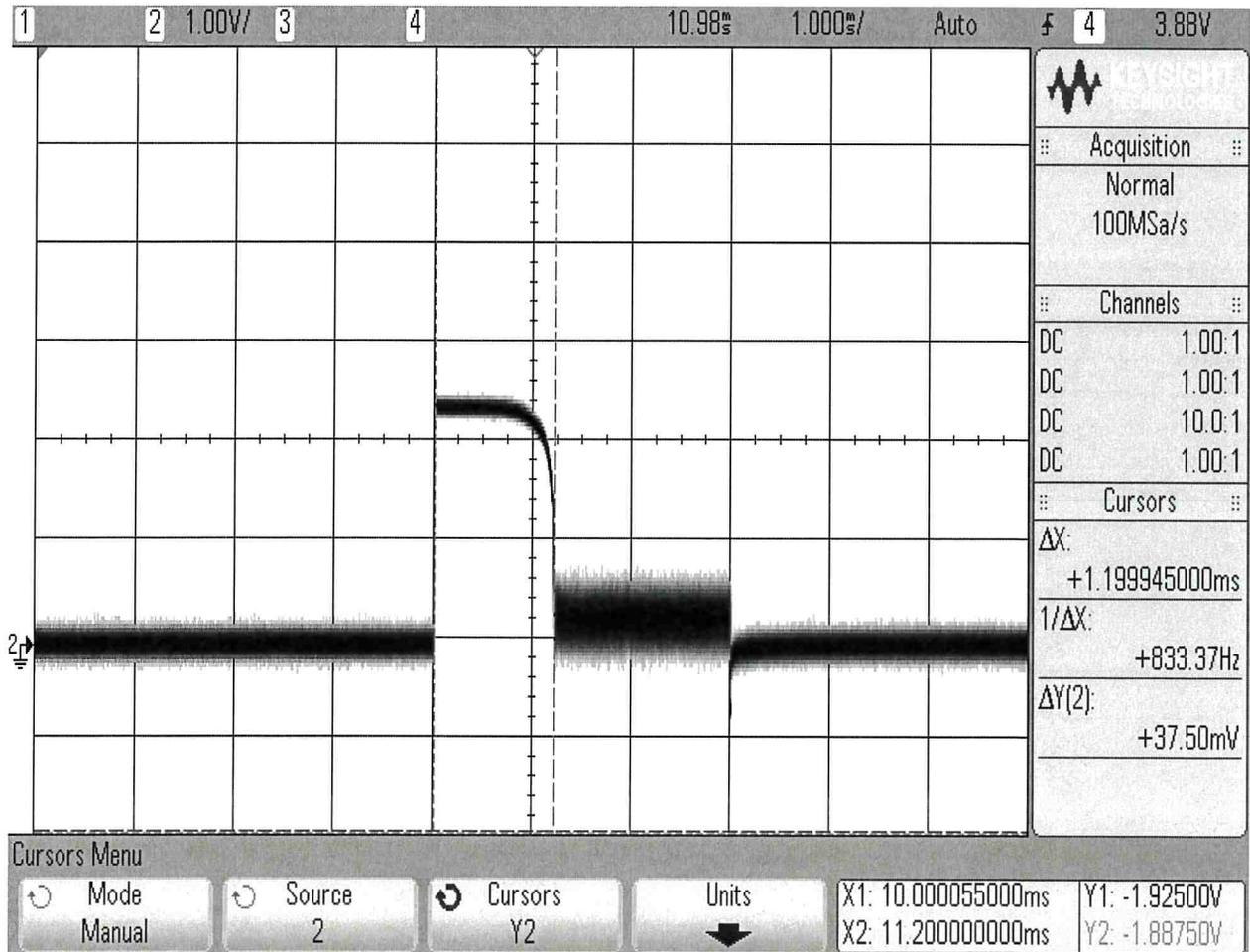


**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

CW ATTACK

M50-X 3054A, MY53400180: Wed Nov 16 16:09:01 2022



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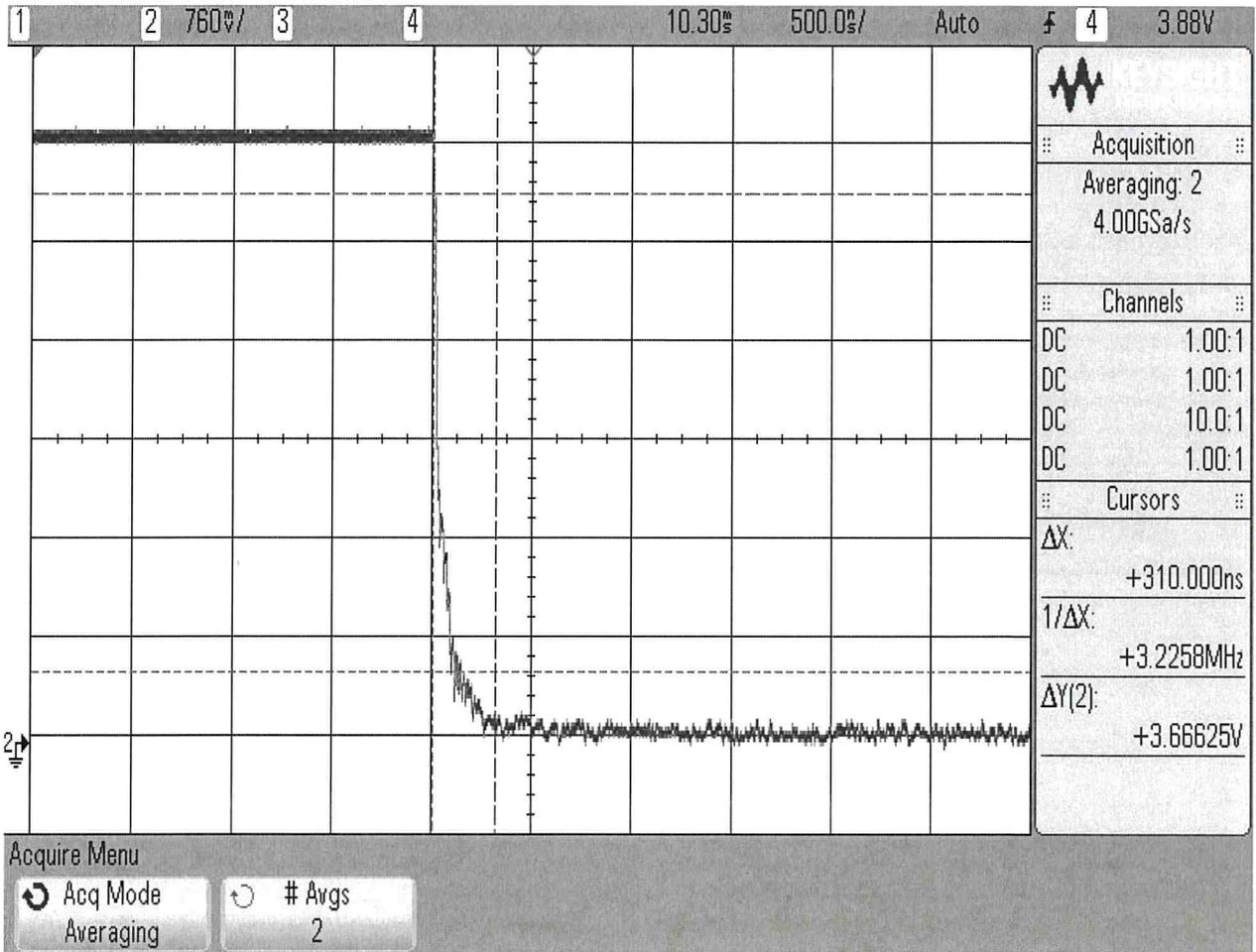


**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

RECOVERY TIME

M50-X 3054A, MY53400180: Wed Nov 16 16:14:37 2022



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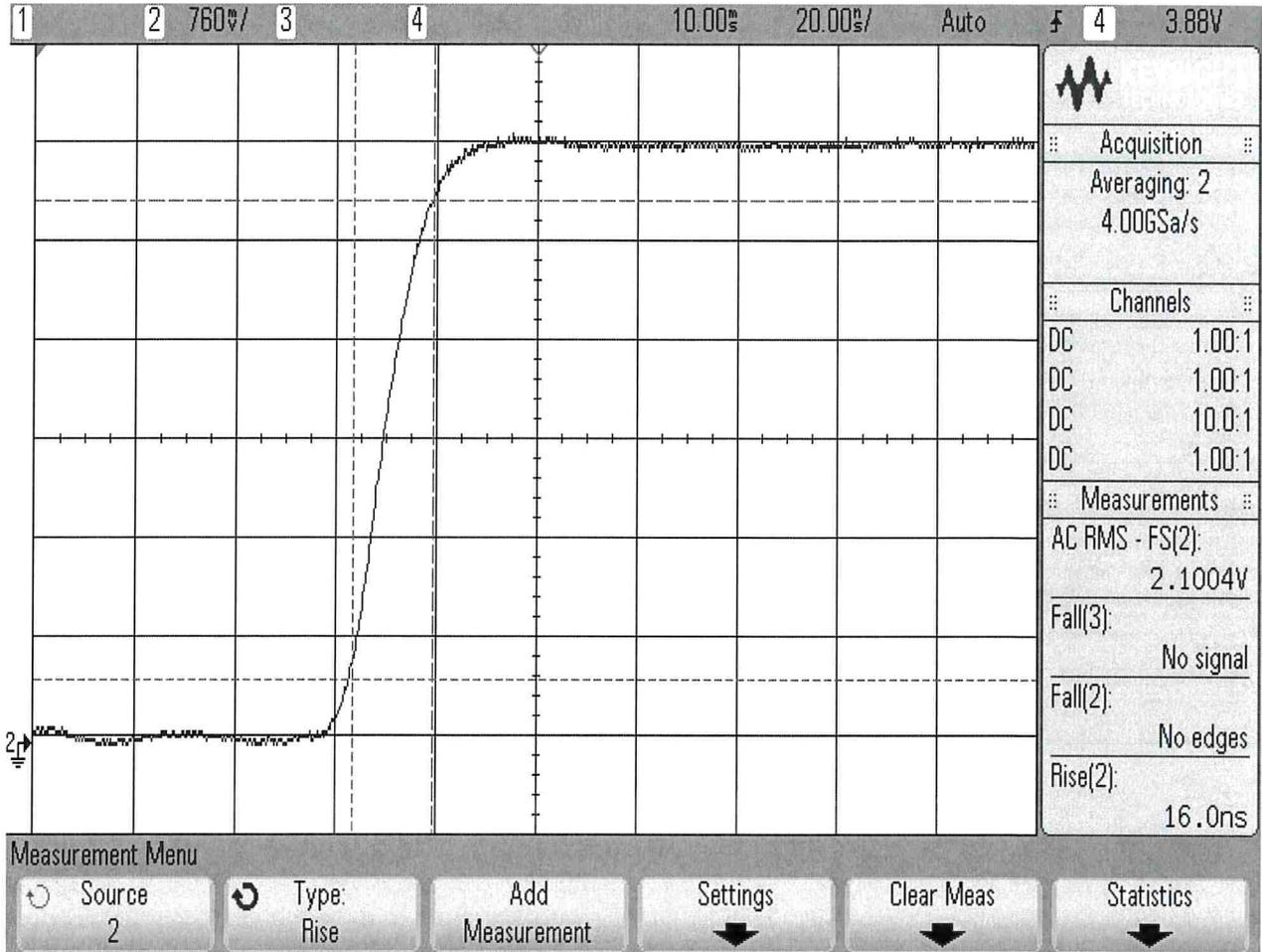


**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

RISE TIME

MSO-X 3054A, MY53400180: Wed Nov 16 16:12:00 2022



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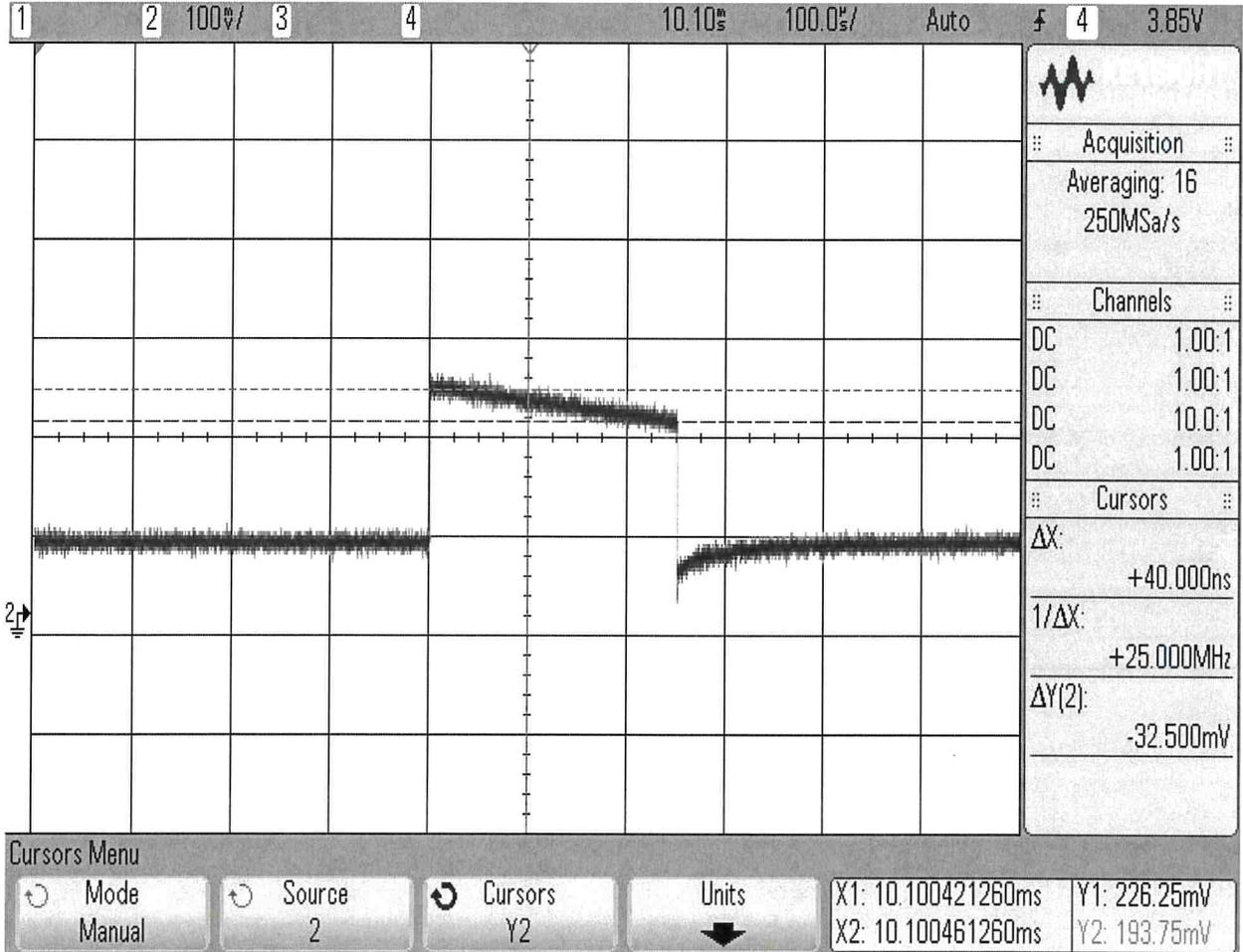


**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

DROOP

MSO-X 3054A, MY53400180: Wed Nov 16 17:04:58 2022



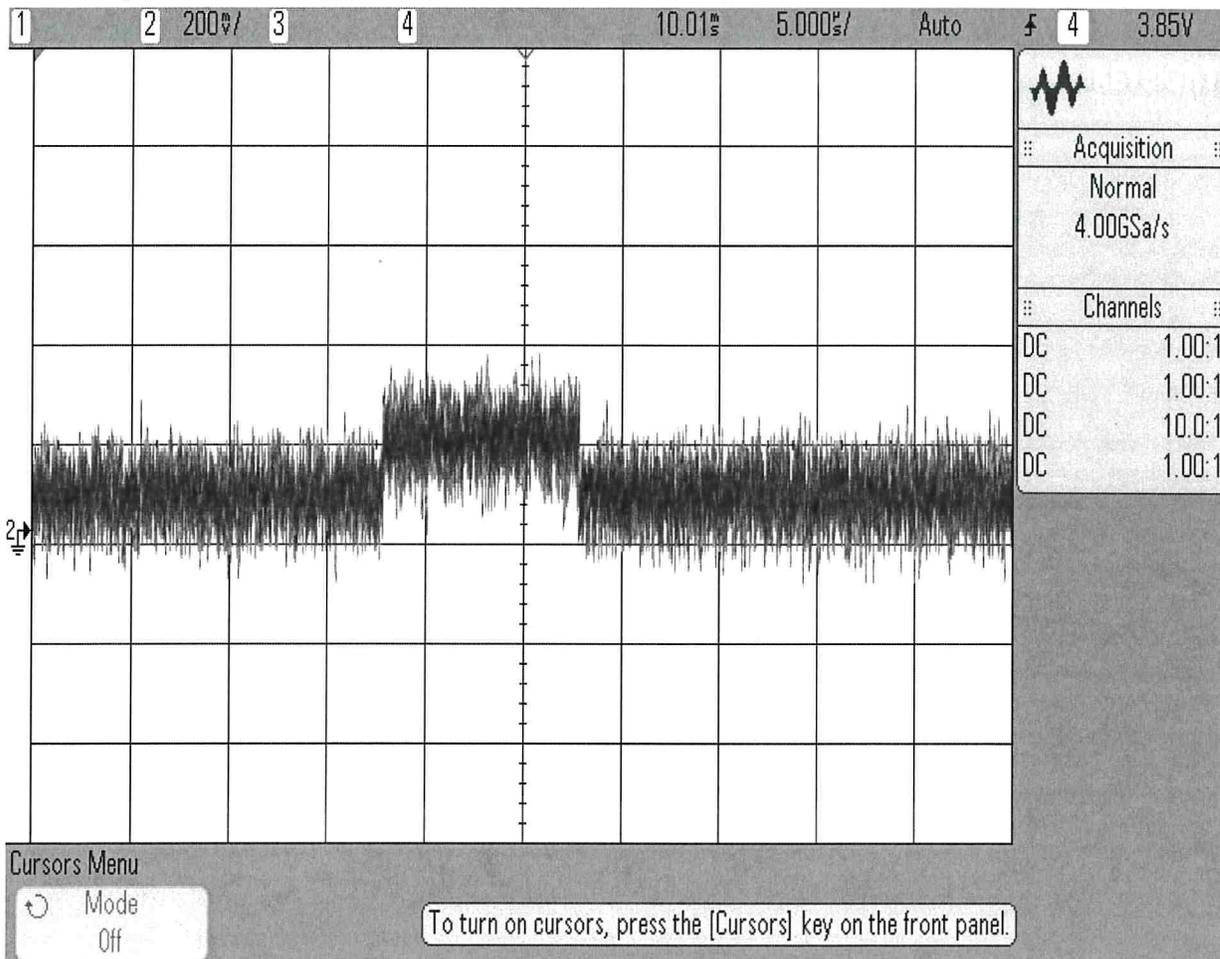


**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

TSS - 43 dbm

M50-X 3054A, MY53400180: Wed Nov 16 17:01:27 2022



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**SUMMARY TEST DATA
ON
ERDLVA-218-CW-75MV-93**

PL38404/2248

RMS NOISE

MSO-X 3054A, MY53400180: Wed Nov 16 16:43:32 2022

