Summary Data
For
ERDLVA-2G8G-65-70MV-2

Customer: [redacted]
SO No: [redacted]
Model No: ERDLVA-2G8G-65-70MV-2
Serial No: PL53796/2531

Tested By: Jim Hopson
Temperature: +25°C ,+85C,-10C
Date 7/31/2025
Drawing No: 27650080 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 to 8 GHz	**2 to 8 GHz**	
2	Input VSWR:	2.3:1 Max	**1.39:1**	
3	Input Power Max:	(1) 1 W CW (2) 100 W Peak @ PW = 1 us & Duty Cycle = 1%	**W CW Pass** **W Peak Pass**	
4	Switch Isolation:	60 dB Min (All Ports)	**>60dB**	
5	Switching Speed:	100 ns Max	**<100ns**	

7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@quanticpmi.com

Quantic™ PMI
PLANAR MONOLITHICS

Summary Data
For
ERDLVA-2G8G-65-70MV-2

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
6	TSS:	-71 dBm	**-74 dBm**	
7	Dynamic Range:	-65 to 0 dBm	**-65 to 0 dBm**	
8	Log Slope:	70 mV/dB ±3 mV/dB	**69.95/71.2mV/dB**	
9	Log Linearity:	±1.0 dB Max	**+.55/-.65dB**	
10	Log Accuracy @ 25°C:	±1.25 dB Max	**1.01/.96dB**	
11	Absolute Log Accuracy:	±2.0 dB Max	**1.01/-.96dB**	
12	DC Offset:	±70 mV	**28mV**	
13	Rise Time:	28 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	**32.8ns**	
14	Fall Time:	300 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	**163.1ns**	
15	Settling Time:	50 ns Max (From 10% to within 70 mV of final value @ -40 & -10 dBm)	**<75ns**	
16	Recovery Time:	1 us Max (From 90% to within ±1.5 dB of baseline)	**< 750ns**	
17	Video Frequency Flatness:	±1.25 dB Max @ 25°C	**.59dB**	
18	Pulse Width Process Range:	100 ns to 100 us	**100 ns to 100 us**	
19	Video Output Load Impedance:	95 ±1 Ω	**95 Ω**	

7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@quanticpmi.com

Quantic PMI
PLANAR MONOLITHICS

Summary Data
For
ERDLVA-2G8G-65-70MV-2

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
20	Video Output @ -65 dBm:	330 ± 88 mV Over Frequency	**331/403mV**	
21	Video Output Drive Capability:	Driving 100 ft RG180 into 95 Ω Load	**Pass**	
22	Pulse Density Capability:	10% Duty @ 100 ns PW 70% Duty @ 100 us PW	**10% Duty @ 100ns PW** **70% Duty @ 100us PW**	
23	Noise Level:	20 mV RMS Max	**14.2mV**	
24	Pulse Droop @ -65 dBm:	70 mV Max for PW 100 us	**< 70mV**	
25	Propagation Delay:	50 ns Max (50% RF to 10% Video)	**< 50ns**	
26	CW Immune Power:	TSS to -40 dBm	**TSS to -40 dBm**	
27	Baseline Shift:	200 mV Max @ -40 dBm CW	**< 200mV**	
28	Pulse Amplitude Loss with Pulse @ -30 dBm:	CW @ -50 dBm = No Loss CW @ -40 dBm = 2 dB Max	**-50 dBm = 0dB** **-40 dBm = <1 dB**	
29	CW Immue Time @ CW = -40 dBm	4 ms Max	**3.3 ms**	
30	CW Recovery Time @ CW = -40 dBm	120 us Max	**< 100us**	
31	DC Power:	+15V (±5%) @ 500 mA Max -15V (±5%) @ 200 mA Max	**500 mA** **140 mA**	
32	Ripple DC to 10 MHz	100 mV Max	**< 100mV**	

QA/QC Approval: _____ **Date:** _____

7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@quanticpmi.com

LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53796 RF

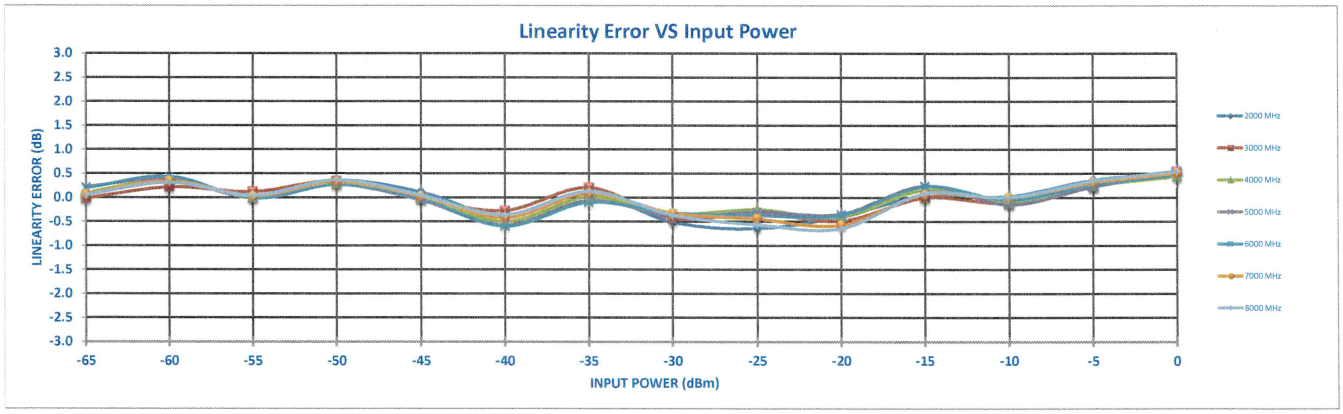
Test Temp: +25C

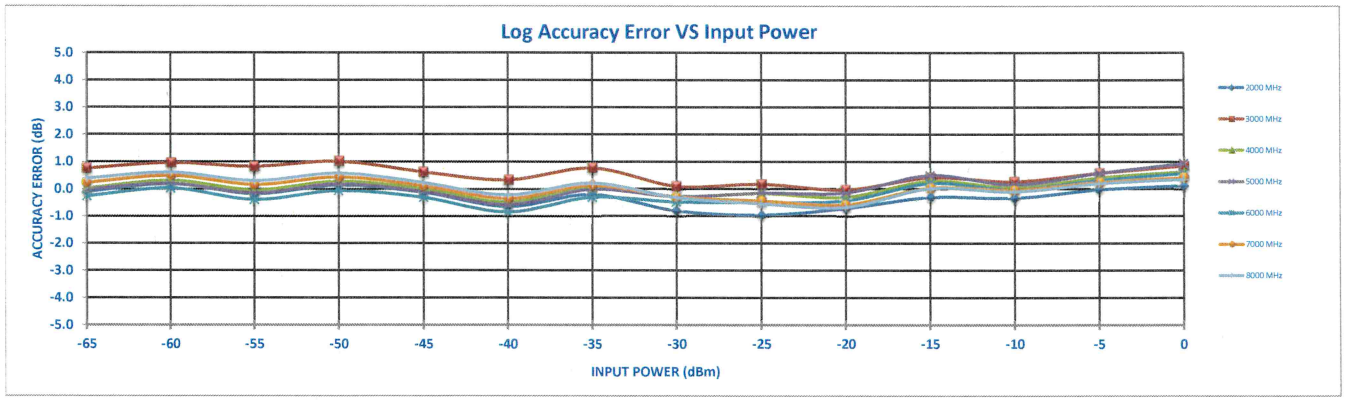
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.028

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4904.9	342	715	1042	1417	1751	2067	2451	2761	3103	3472	3854	4204	4579	4942	Measured Value (mV)
	SLOPE (mV/dB)	70.26	4	26	1	25	8	-27	5	-36	-45	-28	3	2	25	37	Error (mV)
			0.06	0.37	0.02	0.36	0.11	-0.39	0.07	-0.51	-0.65	-0.39	0.04	0.02	0.36	0.53	LINEARITY ERROR (dB)
			-0.11	0.18	-0.19	0.13	-0.13	-0.65	-0.21	-0.81	-0.96	-0.73	-0.31	-0.35	-0.03	0.12	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4955.5	403	770	1113	1479	1804	2136	2520	2825	3183	3521	3905	4247	4622	4994	Measured Value (mV)
	SLOPE (mV/dB)	70.01	-2	15	8	24	-1	-19	15	-30	-22	-34	0	-8	17	39	Error (mV)
			-0.03	0.22	0.12	0.34	-0.01	-0.27	0.21	-0.43	-0.32	-0.49	0.00	-0.12	0.24	0.55	LINEARITY ERROR (dB)
			0.75	0.96	0.82	1.01	0.62	0.33	0.77	0.10	0.17	-0.03	0.41	0.26	0.58	0.86	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4946.8	351	724	1052	1427	1760	2079	2470	2799	3159	3502	3896	4232	4610	4978	Measured Value (mV)
	SLOPE (mV/dB)	70.80	6	25	-1	20	-1	-36	1	-24	-18	-29	11	-7	17	31	Error (mV)
			0.09	0.36	-0.01	0.29	-0.01	-0.50	0.02	-0.33	-0.25	-0.41	0.16	-0.10	0.24	0.44	LINEARITY ERROR (dB)
			0.01	0.30	-0.04	0.27	0.00	-0.48	0.06	-0.27	-0.17	-0.30	0.29	0.05	0.41	0.63	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4961.9	348	716	1044	1420	1753	2072	2465	2798	3160	3513	3911	4239	4622	5000	Measured Value (mV)
	SLOPE (mV/dB)	71.22	16	27	-1	19	-4	-41	-4	-27	-21	-24	17	-11	16	38	Error (mV)
			0.22	0.38	-0.01	0.27	-0.06	-0.58	-0.06	-0.38	-0.30	-0.34	0.24	-0.15	0.23	0.53	LINEARITY ERROR (dB)
			-0.03	0.19	-0.16	0.17	-0.10	-0.58	-0.01	-0.28	-0.15	-0.15	0.50	0.15	0.58	0.94	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4940.7	331	704	1027	1403	1738	2053	2444	2784	3136	3492	3890	4226	4604	4974	Measured Value (mV)
	SLOPE (mV/dB)	71.13	14	31	-2	19	-2	-43	-7	-23	-26	-26	16	-3	19	33	Error (mV)
			0.19	0.44	-0.02	0.26	-0.03	-0.60	-0.10	-0.32	-0.37	-0.37	0.23	-0.05	0.27	0.47	LINEARITY ERROR (dB)
			-0.27	0.02	-0.40	-0.07	-0.32	-0.85	-0.30	-0.48	-0.49	-0.44	0.20	-0.03	0.33	0.57	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4927.1	366	737	1066	1438	1768	2088	2475	2797	3140	3482	3878	4225	4598	4963	Measured Value (mV)
	SLOPE (mV/dB)	70.24	4	24	2	23	2	-30	6	-23	-31	-40	4	0	22	36	Error (mV)
			0.06	0.34	0.03	0.32	0.02	-0.42	0.09	-0.33	-0.44	-0.57	0.06	0.00	0.31	0.51	LINEARITY ERROR (dB)
			0.23	0.49	0.15	0.43	0.11	-0.35	0.13	-0.30	-0.43	-0.59	0.03	-0.05	0.24	0.42	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4920.3	377	745	1076	1448	1776	2097	2481	2796	3132	3476	3877	4221	4595	4959	Measured Value (mV)
	SLOPE (mV/dB)	69.95	4	22	3	25	4	-25	9	-26	-40	-45	6	0	24	39	Error (mV)
			0.05	0.31	0.04	0.36	0.05	-0.36	0.13	-0.37	-0.56	-0.65	0.09	0.00	0.35	0.55	LINEARITY ERROR (dB)
			0.38	0.60	0.30	0.57	0.22	-0.23	0.22	-0.31	-0.55	-0.67	0.02	-0.11	0.20	0.36	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.51	0.47	0.61	0.54	0.47	0.59	0.54	0.45	0.57	0.35	0.40	0.30	0.30	0.41	

-65dBm mV-Out	
403	Max
331	Min





LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53796 BIT

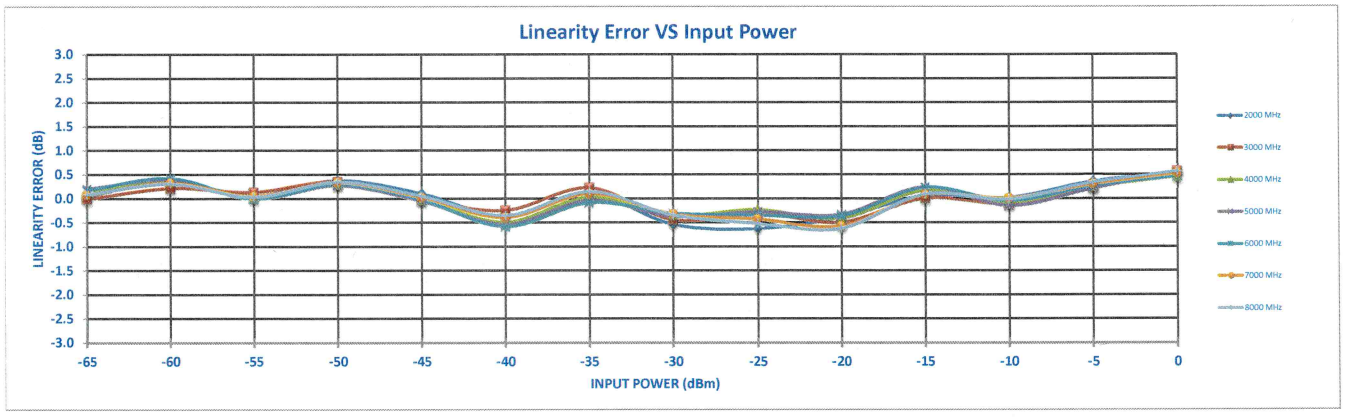
Test Temp: +25C

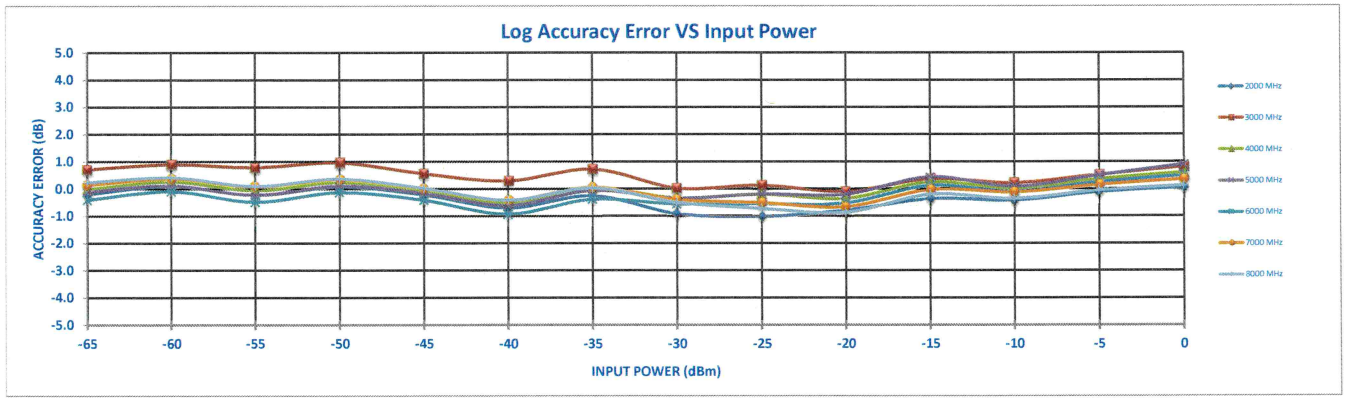
DC Offset= 0.027

PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4912.5	350	724	1053	1427	1759	2077	2461	2767	3112	3480	3863	4211	4586	4950	Measured Value (mV)
	SLOPE (mV/dB)	70.23	2	25	3	26	7	-26	7	-39	-45	-28	4	1	25	38	Error (mV)
			0.03	0.36	0.05	0.37	0.10	-0.37	0.09	-0.55	-0.64	-0.40	0.06	0.01	0.35	0.53	LINEARITY ERROR (dB)
			-0.21	0.09	-0.24	0.07	-0.22	-0.71	-0.26	-0.92	-1.03	-0.81	-0.37	-0.44	-0.12	0.05	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4963.8	414	780	1124	1489	1813	2147	2530	2833	3193	3529	3914	4256	4630	5003	Measured Value (mV)
	SLOPE (mV/dB)	69.97	-1	15	9	24	-2	-18	15	-32	-21	-35	0	-8	16	39	Error (mV)
			-0.02	0.21	0.13	0.34	-0.03	-0.25	0.22	-0.45	-0.31	-0.50	0.00	-0.12	0.23	0.56	LINEARITY ERROR (dB)
			0.70	0.89	0.77	0.95	0.54	0.28	0.72	0.01	0.12	-0.11	0.35	0.20	0.51	0.80	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4956	363	735	1065	1438	1769	2090	2481	2808	3170	3511	3906	4242	4619	4988	Measured Value (mV)
	SLOPE (mV/dB)	70.77	7	25	1	20	-2	-35	2	-25	-17	-30	12	-6	17	32	Error (mV)
			0.10	0.35	0.02	0.29	-0.04	-0.50	0.03	-0.35	-0.24	-0.42	0.16	-0.09	0.24	0.45	LINEARITY ERROR (dB)
			-0.03	0.25	-0.07	0.22	-0.08	-0.53	0.02	-0.34	-0.20	-0.37	0.24	0.00	0.35	0.59	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4970.5	356	725	1053	1429	1762	2083	2475	2807	3170	3522	3919	4247	4629	5009	Measured Value (mV)
	SLOPE (mV/dB)	71.21	14	27	-1	19	-4	-39	-3	-27	-20	-24	17	-11	15	39	Error (mV)
			0.20	0.38	-0.01	0.27	-0.06	-0.55	-0.04	-0.38	-0.28	-0.34	0.23	-0.16	0.20	0.54	LINEARITY ERROR (dB)
			-0.13	0.11	-0.24	0.10	-0.18	-0.63	-0.06	-0.35	-0.20	-0.21	0.42	0.08	0.49	0.89	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4948.3	336	710	1035	1412	1745	2061	2452	2792	3145	3499	3897	4233	4611	4981	Measured Value (mV)
	SLOPE (mV/dB)	71.14	12	30	-1	21	-2	-42	-7	-22	-25	-27	16	-4	18	33	Error (mV)
			0.16	0.42	-0.01	0.29	-0.03	-0.59	-0.09	-0.31	-0.35	-0.37	0.22	-0.06	0.26	0.46	LINEARITY ERROR (dB)
			-0.41	-0.11	-0.49	-0.15	-0.42	-0.94	-0.39	-0.57	-0.56	-0.54	0.11	-0.12	0.24	0.49	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4934.3	374	743	1075	1446	1775	2097	2483	2804	3148	3489	3886	4232	4604	4971	Measured Value (mV)
	SLOPE (mV/dB)	70.23	4	22	3	23	1	-28	7	-23	-31	-41	5	0	21	37	Error (mV)
			0.06	0.32	0.05	0.33	0.01	-0.40	0.09	-0.33	-0.44	-0.58	0.07	0.00	0.30	0.52	LINEARITY ERROR (dB)
			0.13	0.36	0.07	0.34	0.00	-0.43	0.05	-0.40	-0.52	-0.68	-0.05	-0.14	0.14	0.35	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4916.1	381	746	1076	1447	1776	2097	2481	2796	3133	3475	3874	4216	4590	4955	Measured Value (mV)
	SLOPE (mV/dB)	69.85	5	21	2	23	3	-25	10	-25	-37	-44	6	-2	23	39	Error (mV)
			0.08	0.30	0.02	0.34	0.05	-0.36	0.14	-0.35	-0.53	-0.63	0.08	-0.02	0.33	0.56	LINEARITY ERROR (dB)
			0.23	0.41	0.09	0.35	0.02	-0.43	0.02	-0.51	-0.73	-0.88	-0.22	-0.36	-0.06	0.12	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.55	0.50	0.63	0.55	0.48	0.61	0.55	0.47	0.57	0.38	0.40	0.32	0.31	0.42	

-65dBm mV-Out		
	414	Max
	336	Min





LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53796 RF

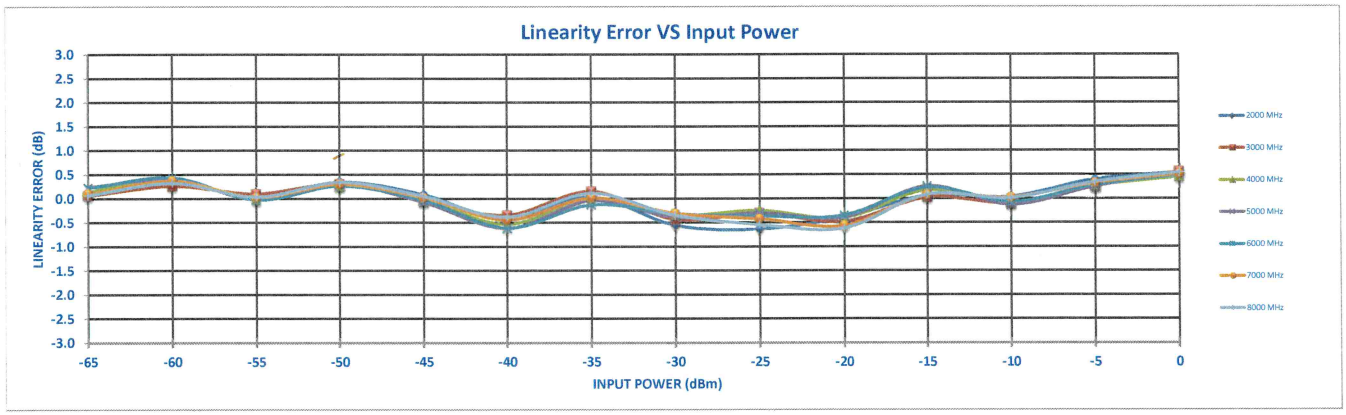
Test Temp: -10C

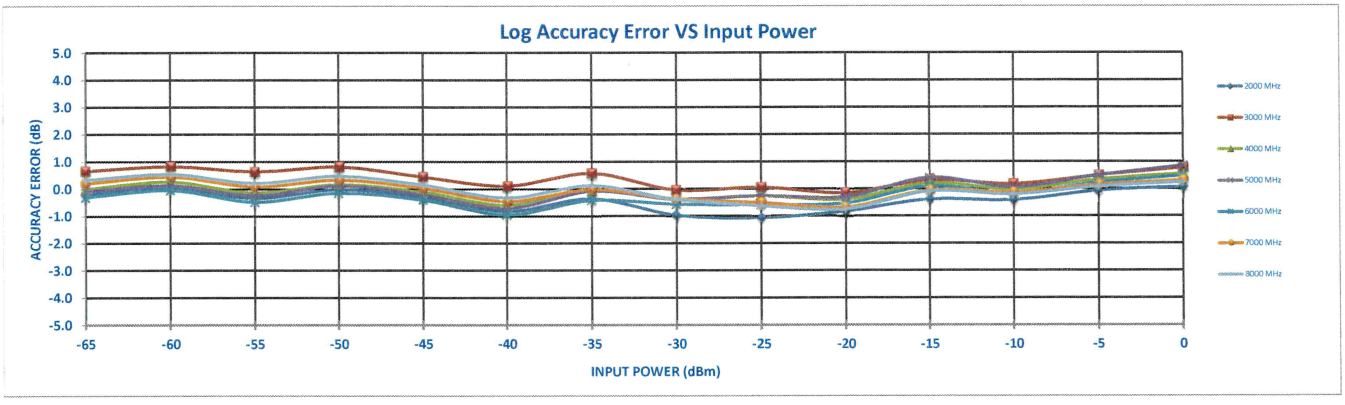
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.014

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4906.9	330	702	1028	1404	1738	2054	2440	2751	3098	3468	3853	4204	4582	4945	Measured Value (mV)
	SLOPE (mV/dB)	70.55	9	28	1	25	6	-31	2	-39	-45	-28	4	3	28	38	Error (mV)
			0.12	0.40	0.02	0.35	0.08	-0.44	0.03	-0.56	-0.64	-0.40	0.06	0.04	0.40	0.54	LINEARITY ERROR (dB)
			-0.21	0.05	-0.34	-0.02	-0.30	-0.83	-0.37	-0.97	-1.06	-0.83	-0.38	-0.42	-0.07	0.06	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4955.6	391	757	1097	1463	1790	2120	2506	2816	3177	3516	3903	4246	4622	4995	Measured Value (mV)
	SLOPE (mV/dB)	70.29	4	18	7	22	-3	-24	10	-31	-21	-34	2	-7	18	39	Error (mV)
			0.06	0.26	0.10	0.31	-0.04	-0.34	0.15	-0.44	-0.31	-0.48	0.02	-0.10	0.25	0.56	LINEARITY ERROR (dB)
			0.65	0.83	0.64	0.81	0.44	0.11	0.57	-0.05	0.06	-0.15	0.33	0.18	0.50	0.77	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4947.2	344	717	1042	1417	1751	2070	2461	2793	3155	3499	3895	4232	4611	4979	Measured Value (mV)
	SLOPE (mV/dB)	70.98	10	28	-1	19	-2	-38	-2	-25	-18	-29	12	-5	19	32	Error (mV)
			0.15	0.40	-0.02	0.26	-0.03	-0.54	-0.03	-0.35	-0.25	-0.40	0.18	-0.08	0.26	0.45	LINEARITY ERROR (dB)
			-0.01	0.26	-0.14	0.16	-0.11	-0.60	-0.07	-0.37	-0.25	-0.39	0.21	-0.02	0.34	0.54	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4961.1	339	708	1035	1414	1744	2062	2460	2792	3155	3506	3909	4238	4622	5000	Measured Value (mV)
	SLOPE (mV/dB)	71.37	17	29	-1	21	-6	-44	-3	-28	-22	-28	18	-9	18	39	Error (mV)
			0.23	0.40	-0.01	0.30	-0.08	-0.62	-0.05	-0.39	-0.31	-0.39	0.26	-0.13	0.25	0.54	LINEARITY ERROR (dB)
			-0.08	0.13	-0.24	0.12	-0.21	-0.71	-0.08	-0.39	-0.25	-0.29	0.41	0.06	0.50	0.84	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4939.6	323	695	1018	1395	1730	2045	2436	2779	3132	3489	3887	4222	4603	4974	Measured Value (mV)
	SLOPE (mV/dB)	71.27	16	31	-2	19	-3	-44	-9	-23	-26	-25	16	-5	20	34	Error (mV)
			0.22	0.44	-0.03	0.26	-0.04	-0.62	-0.13	-0.32	-0.36	-0.35	0.23	-0.07	0.28	0.48	LINEARITY ERROR (dB)
			-0.31	-0.05	-0.48	-0.15	-0.41	-0.95	-0.42	-0.57	-0.58	-0.53	0.10	-0.16	0.23	0.47	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4926.2	359	730	1058	1429	1761	2080	2464	2793	3137	3479	3876	4224	4597	4962	Measured Value (mV)
	SLOPE (mV/dB)	70.37	7	26	2	21	1	-31	1	-22	-30	-40	5	1	23	36	Error (mV)
			0.10	0.37	0.03	0.30	0.02	-0.45	0.01	-0.31	-0.43	-0.57	0.08	0.02	0.32	0.51	LINEARITY ERROR (dB)
			0.20	0.45	0.08	0.33	0.03	-0.46	-0.03	-0.37	-0.51	-0.67	-0.06	-0.13	0.14	0.30	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4919.3	368	737	1067	1439	1769	2089	2474	2792	3129	3474	3874	4219	4593	4957	Measured Value (mV)
	SLOPE (mV/dB)	70.09	4	23	2	24	4	-27	8	-25	-38	-44	6	1	24	38	Error (mV)
			0.06	0.33	0.04	0.34	0.05	-0.38	0.11	-0.35	-0.54	-0.62	0.09	0.01	0.34	0.54	LINEARITY ERROR (dB)
			0.33	0.54	0.21	0.47	0.14	-0.33	0.11	-0.39	-0.62	-0.74	-0.08	-0.20	0.09	0.23	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.48	0.44	0.56	0.48	0.42	0.53	0.50	0.46	0.56	0.34	0.40	0.30	0.28	0.39	

-65dBm mV-Out	
391	Max
323	Min





LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53796 RF

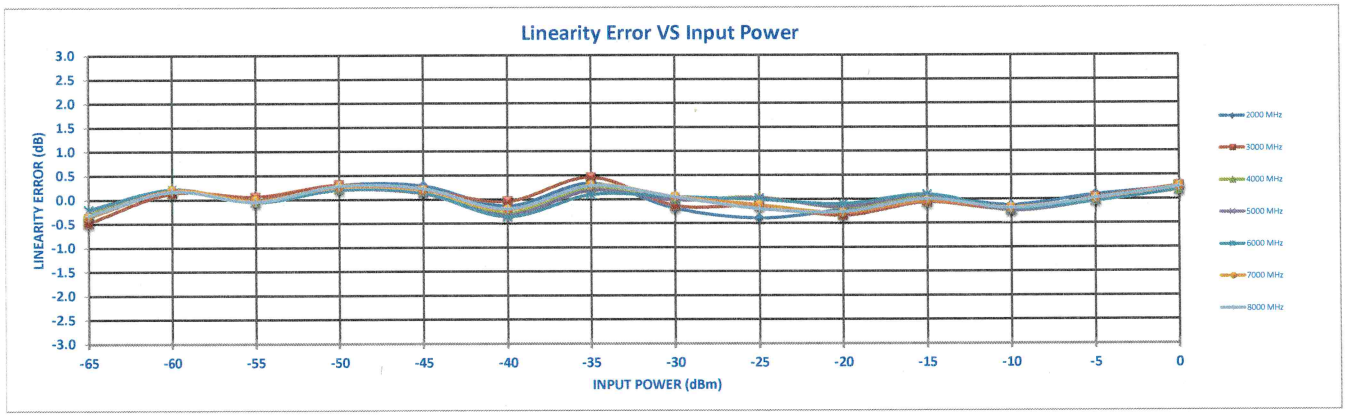
Test Temp: +85C

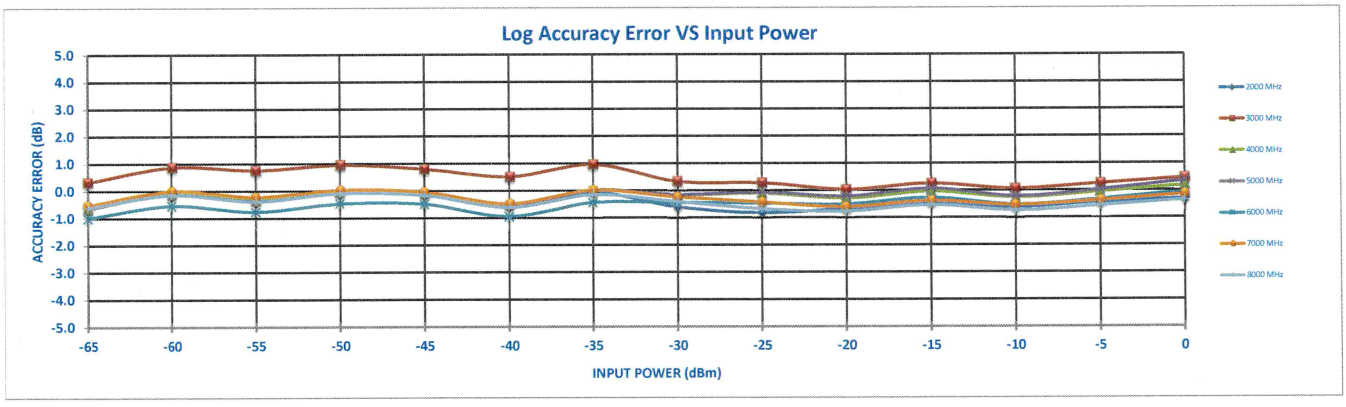
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.036

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4748.8	292	670	998	1360	1700	2012	2385	2690	3017	3370	3728	4058	4414	4765	Measured Value (mV)
	SLOPE (mV/dB)	68.18	-25	12	-1	20	20	-9	23	-13	-27	-15	2	-9	6	16	Error (mV)
			-0.36	0.18	-0.01	0.30	0.29	-0.14	0.33	-0.19	-0.40	-0.22	0.03	-0.13	0.09	0.24	LINEARITY ERROR (dB)
			-0.63	-0.11	-0.32	-0.03	-0.07	-0.51	-0.06	-0.61	-0.83	-0.68	-0.45	-0.63	-0.43	-0.31	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4798.4	356	737	1071	1427	1759	2082	2455	2754	3093	3418	3776	4105	4461	4817	Measured Value (mV)
	SLOPE (mV/dB)	67.84	-33	9	4	21	13	-3	31	-9	-9	-24	-5	-15	2	19	Error (mV)
			-0.48	0.13	0.05	0.30	0.20	-0.04	0.46	-0.14	-0.14	-0.35	-0.07	-0.22	0.03	0.27	LINEARITY ERROR (dB)
			0.31	0.87	0.75	0.95	0.79	0.51	0.96	0.32	0.28	0.02	0.25	0.05	0.25	0.45	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4785.8	290	669	996	1359	1699	2012	2391	2720	3067	3396	3756	4083	4440	4798	Measured Value (mV)
	SLOPE (mV/dB)	68.85	-21	14	-3	16	11	-20	15	0	2	-13	3	-14	-2	12	Error (mV)
			-0.30	0.20	-0.05	0.23	0.16	-0.29	0.22	-0.01	0.03	-0.19	0.04	-0.21	-0.02	0.18	LINEARITY ERROR (dB)
			-0.66	-0.12	-0.35	-0.05	-0.08	-0.51	0.02	-0.17	-0.10	-0.30	-0.04	-0.27	-0.05	0.17	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4792.9	292	667	994	1356	1696	2010	2390	2721	3069	3401	3763	4086	4445	4810	Measured Value (mV)
	SLOPE (mV/dB)	69.01	-15	15	-3	14	9	-22	13	-2	1	-12	5	-17	-3	17	Error (mV)
			-0.22	0.21	-0.05	0.20	0.13	-0.32	0.18	-0.02	0.02	-0.17	0.08	-0.24	-0.04	0.25	LINEARITY ERROR (dB)
			-0.63	-0.15	-0.38	-0.09	-0.13	-0.54	0.01	-0.16	-0.08	-0.23	0.06	-0.22	0.02	0.35	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4769.7	266	640	967	1330	1671	1982	2359	2701	3042	3381	3740	4065	4421	4783	Measured Value (mV)
	SLOPE (mV/dB)	69.07	-14	15	-4	14	10	-25	7	3	-1	-7	6	-14	-3	13	Error (mV)
			-0.20	0.21	-0.05	0.20	0.14	-0.36	0.10	0.05	-0.01	-0.10	0.09	-0.20	-0.05	0.19	LINEARITY ERROR (dB)
			-1.01	-0.55	-0.77	-0.47	-0.49	-0.95	-0.44	-0.45	-0.47	-0.52	-0.28	-0.53	-0.33	-0.05	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4758.8	298	677	1004	1364	1701	2014	2390	2715	3044	3374	3732	4064	4418	4776	Measured Value (mV)
	SLOPE (mV/dB)	68.25	-25	13	-1	18	13	-15	20	4	-9	-20	-3	-12	0	17	Error (mV)
			-0.36	0.19	-0.02	0.26	0.19	-0.22	0.29	0.05	-0.13	-0.29	-0.05	-0.18	0.01	0.25	LINEARITY ERROR (dB)
			-0.54	-0.01	-0.23	0.03	-0.05	-0.48	0.01	-0.24	-0.44	-0.62	-0.39	-0.54	-0.38	-0.15	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4744.7	292	667	993	1356	1693	2005	2379	2703	3027	3363	3722	4050	4405	4762	Measured Value (mV)
	SLOPE (mV/dB)	68.15	-23	11	-3	19	15	-14	20	3	-14	-19	0	-13	1	17	Error (mV)
			-0.34	0.17	-0.05	0.28	0.22	-0.20	0.29	0.04	-0.20	-0.27	-0.01	-0.19	0.02	0.25	LINEARITY ERROR (dB)
			-0.63	-0.15	-0.39	-0.09	-0.17	-0.61	-0.15	-0.42	-0.69	-0.78	-0.54	-0.75	-0.57	-0.35	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.66	0.71	0.76	0.71	0.64	0.73	0.70	0.47	0.55	0.40	0.39	0.40	0.41	0.40	

-65dBm mV-Out	
356	Max
266	Min

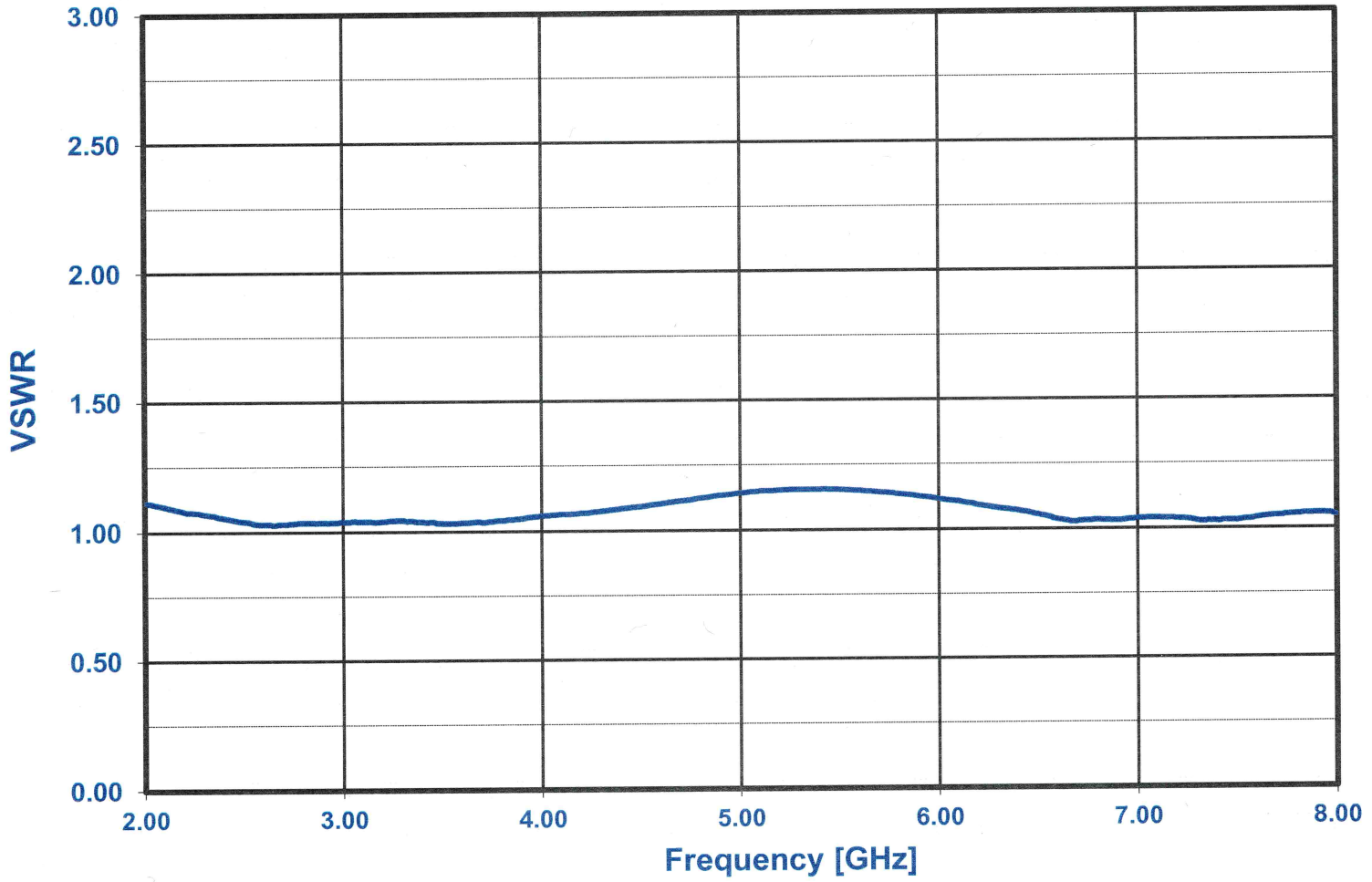




Model Number: ERDLVA-2G8G-65-70MV-2
Serial Number: PL53796

Temperature: +25C

RF INPUT VSWR GRAPH



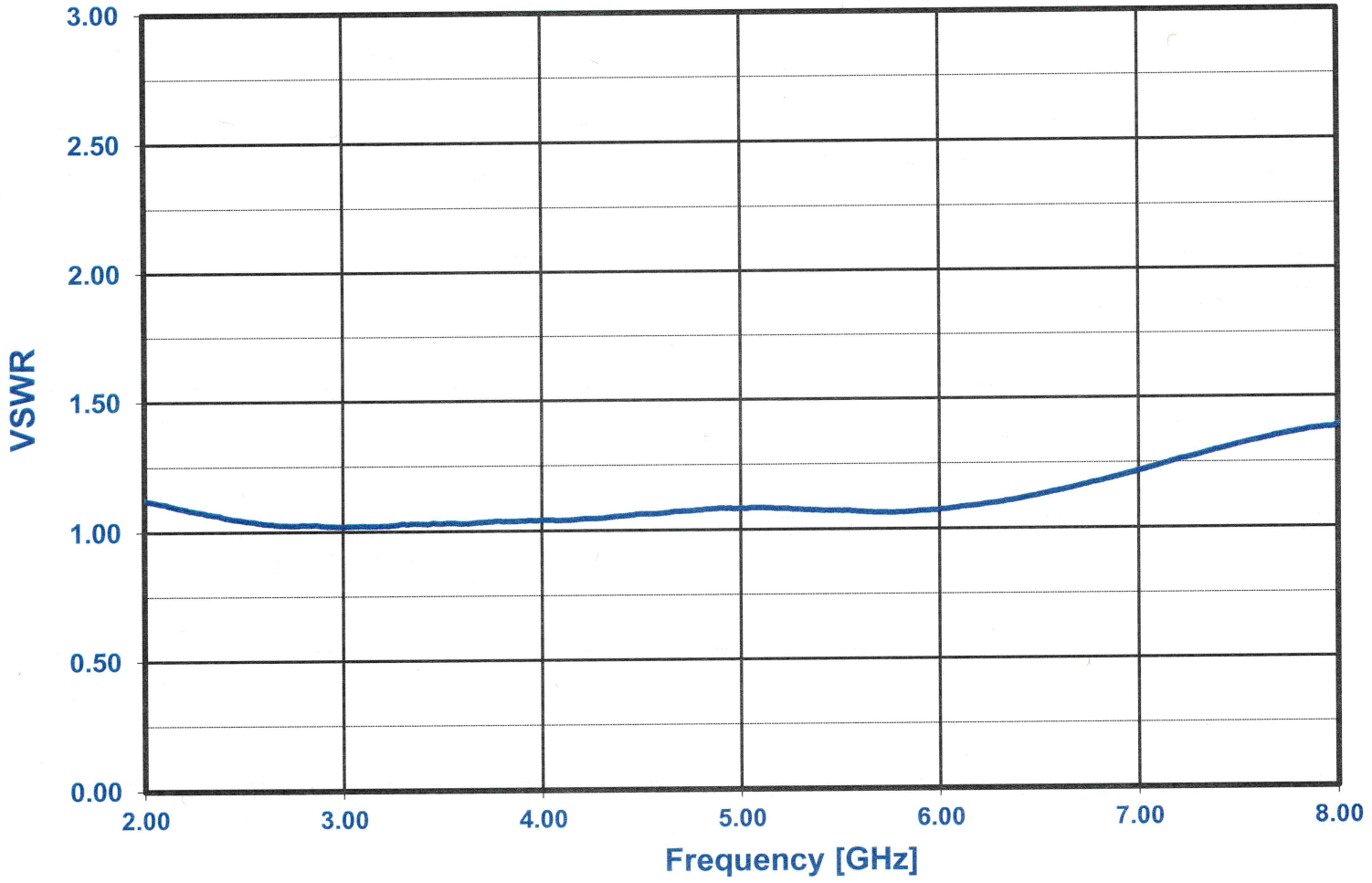
@ -20dBm

Input 1.16:1 Max

Model Number: ERDLVA-2G8G-65-70MV-2
Serial Number: PL53796

Temperature: +25C

BIT INPUT VSWR GRAPH

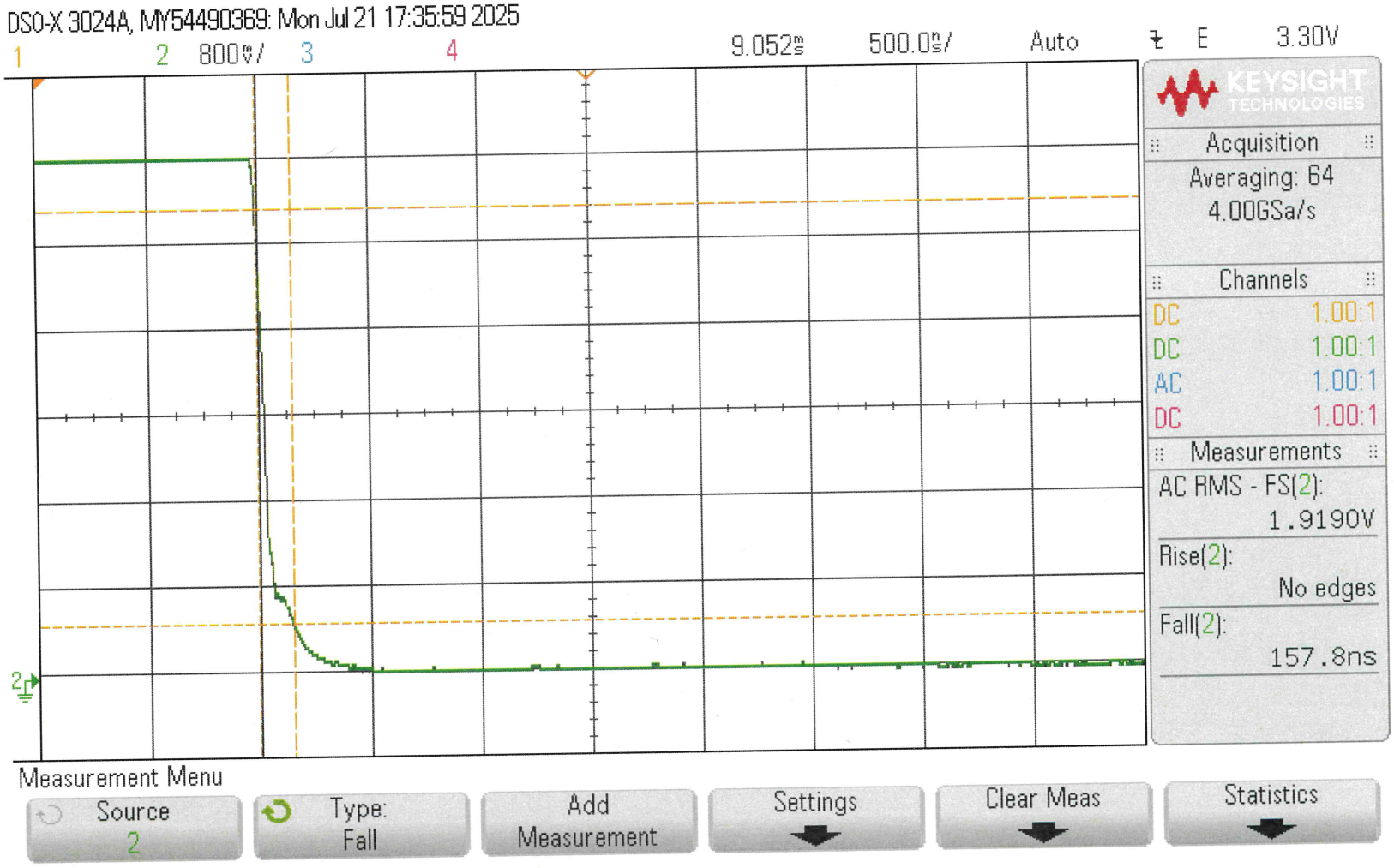


@ -20dBm

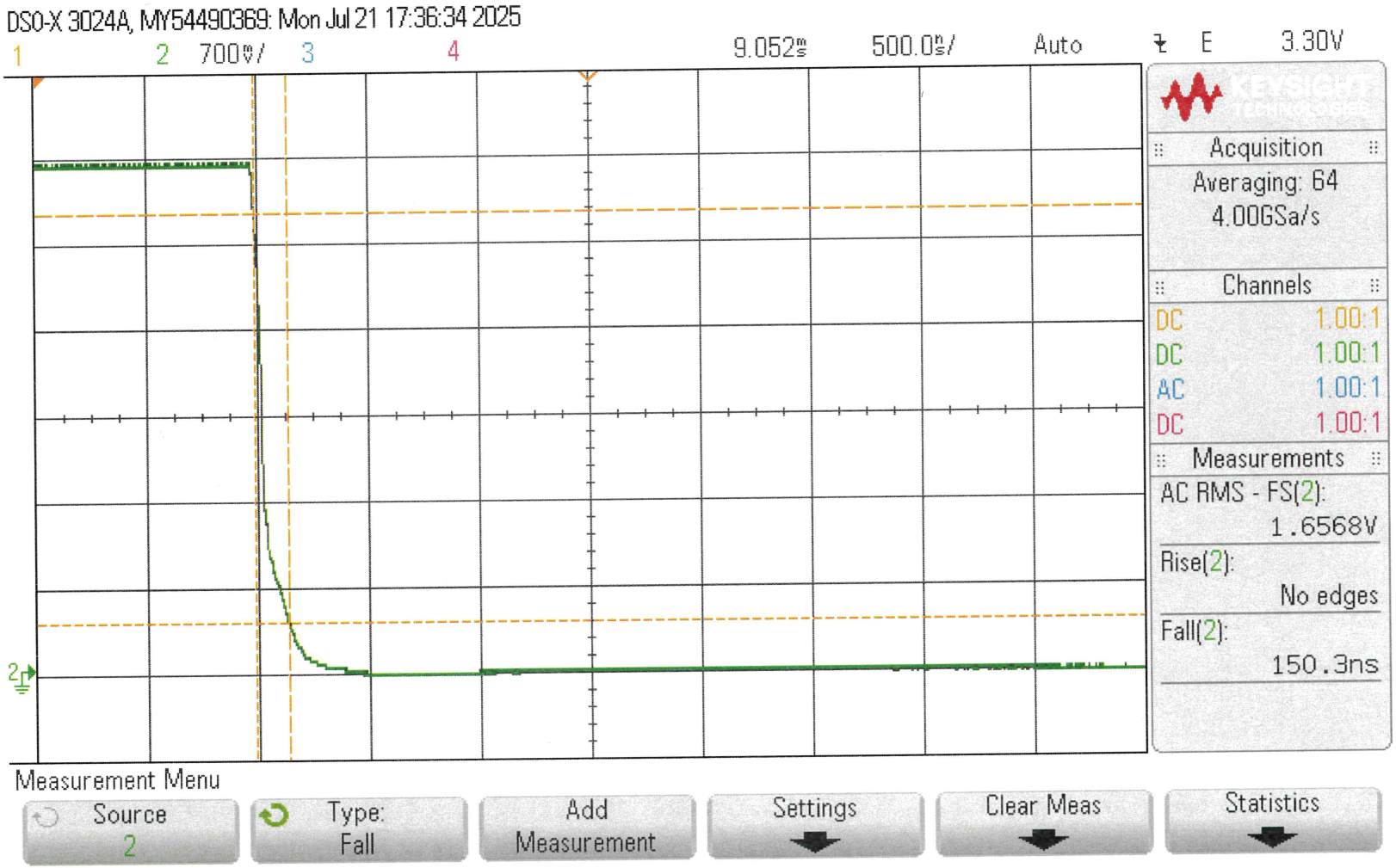
Input 1.39:1 Max

PL53796

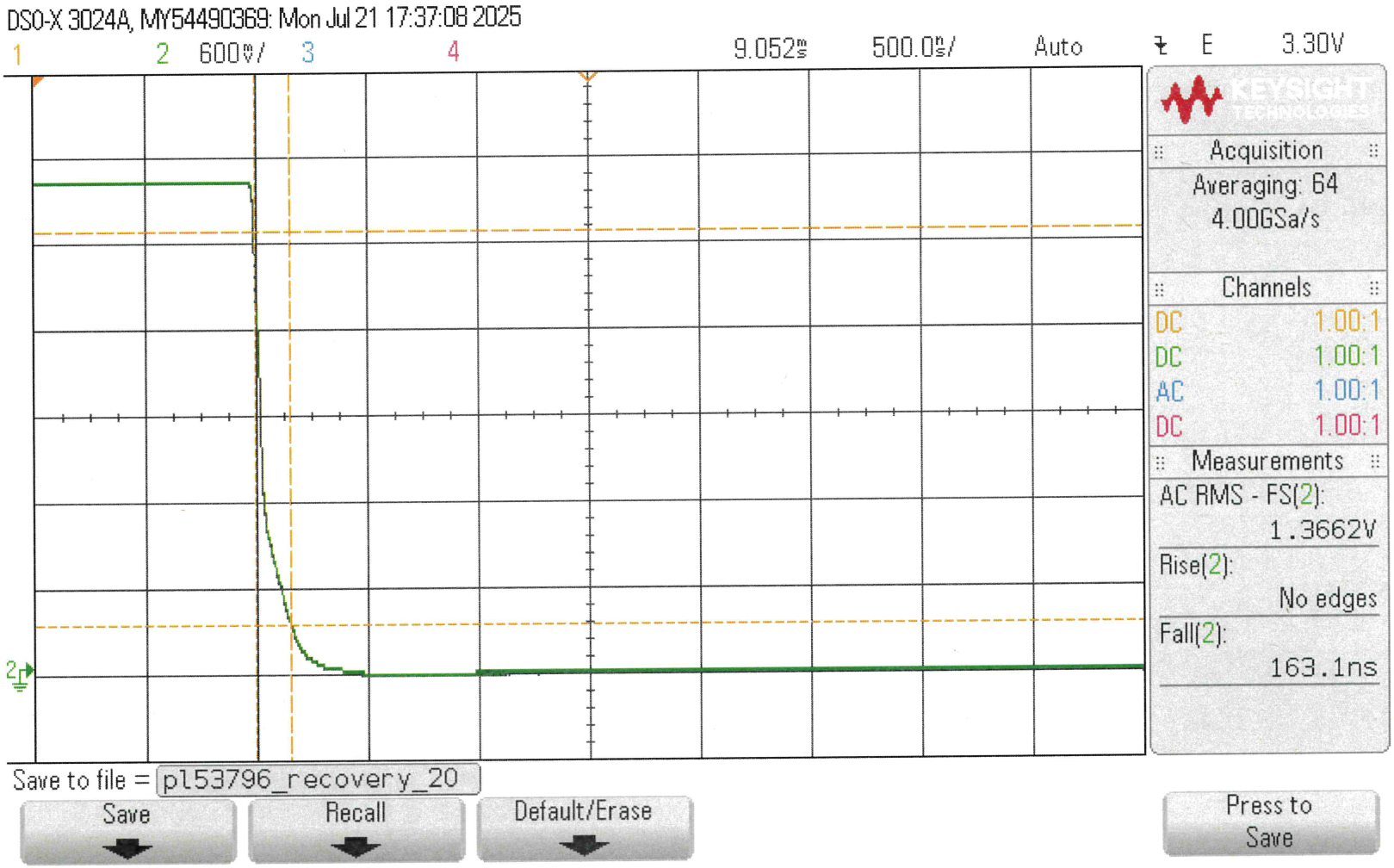
Recovery/Fall 0dbm



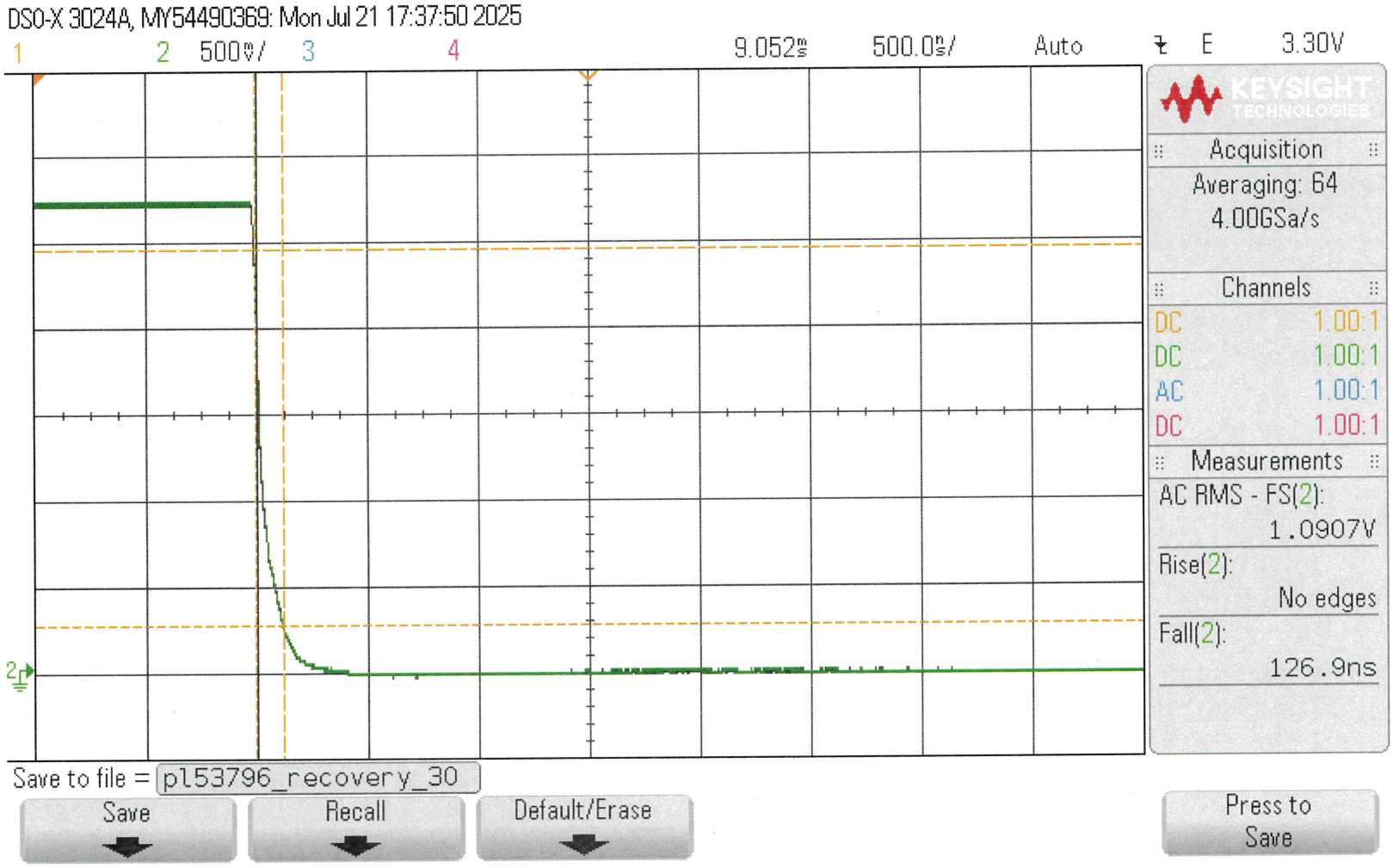
PL 53796
Recovery / Fall -10dbm



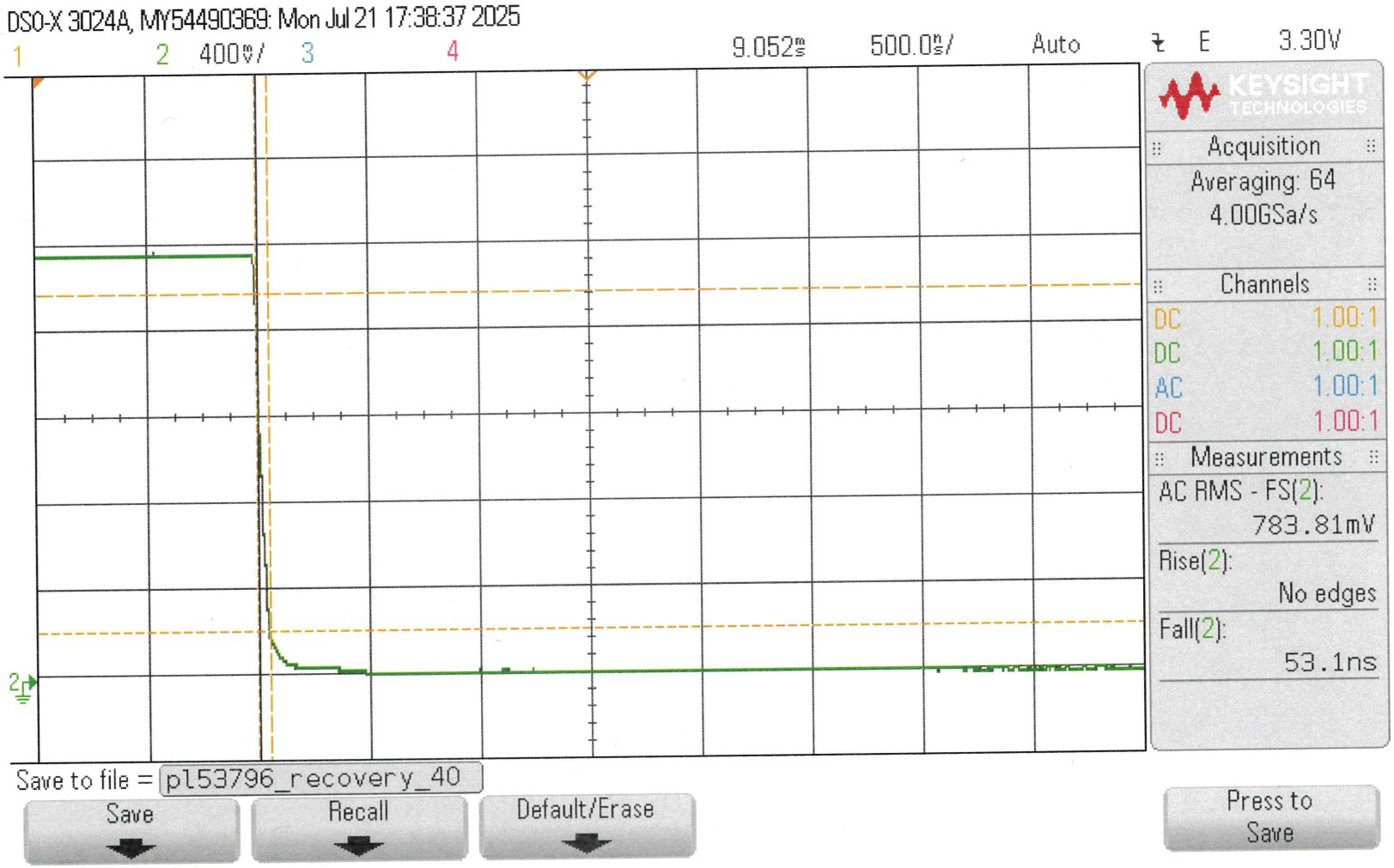
PL53796
Recovery/Fall -20 dbm



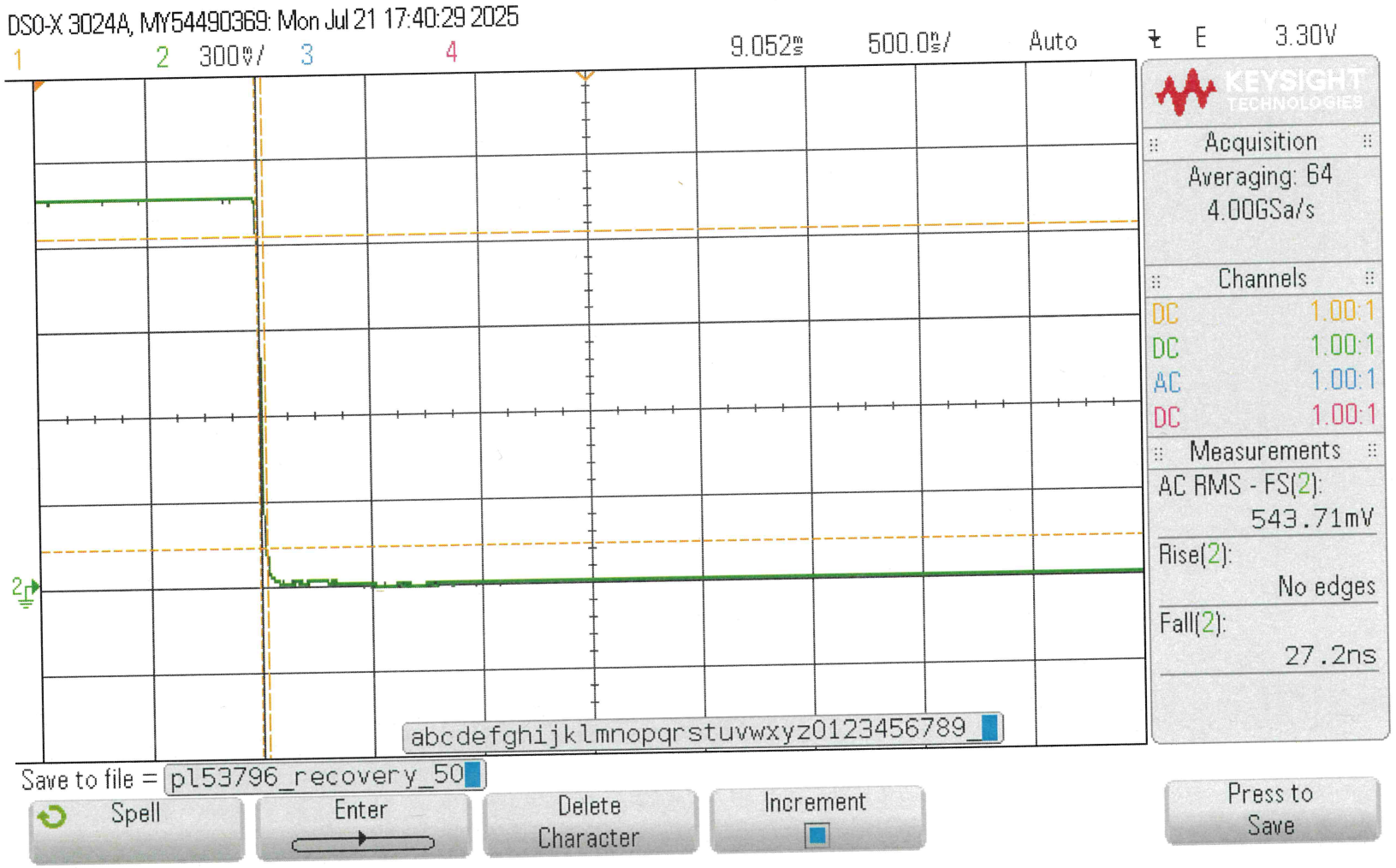
PL53796
Recovery / Fall -30dbm



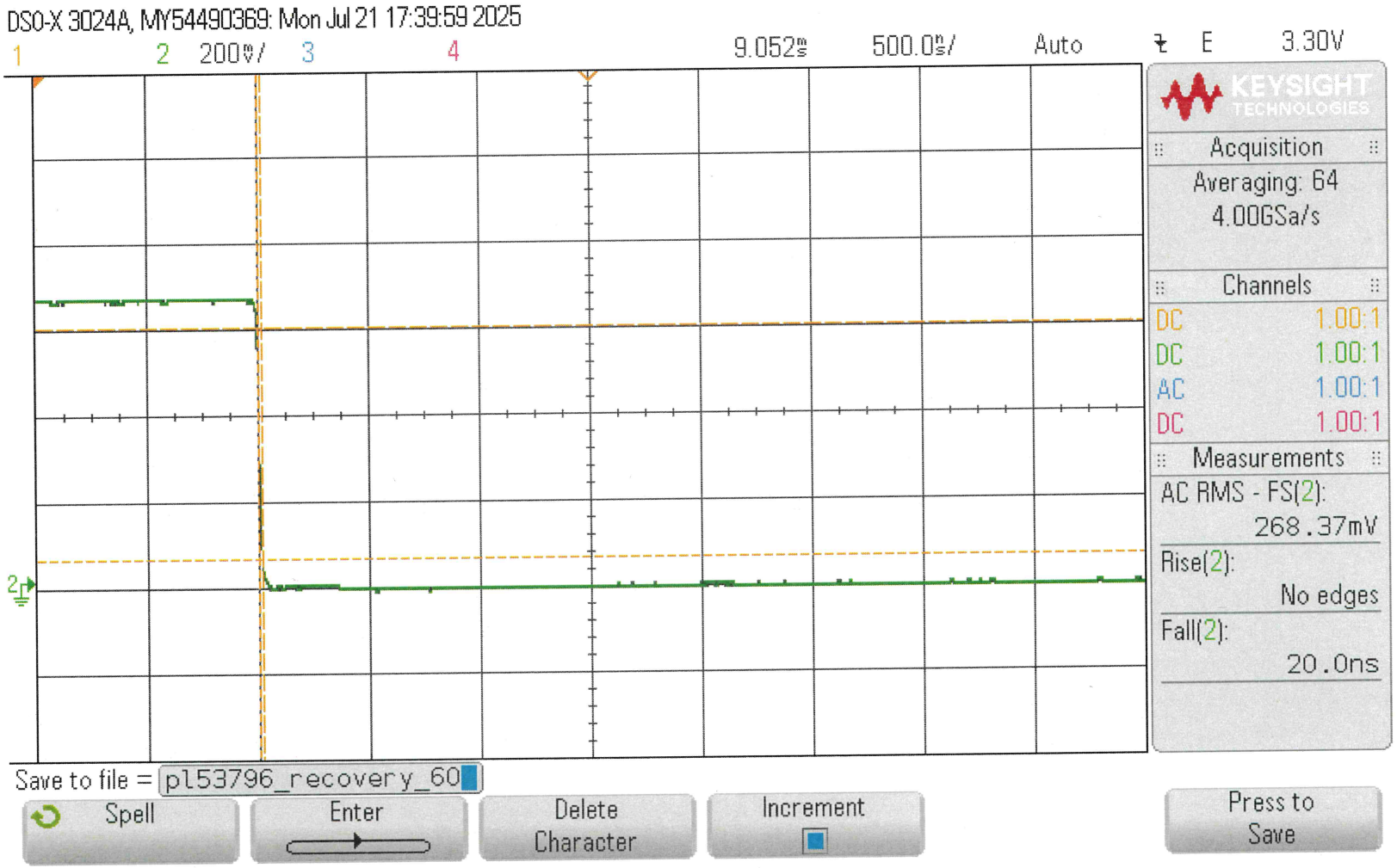
PL53796
Recovery/Fall -40dbm



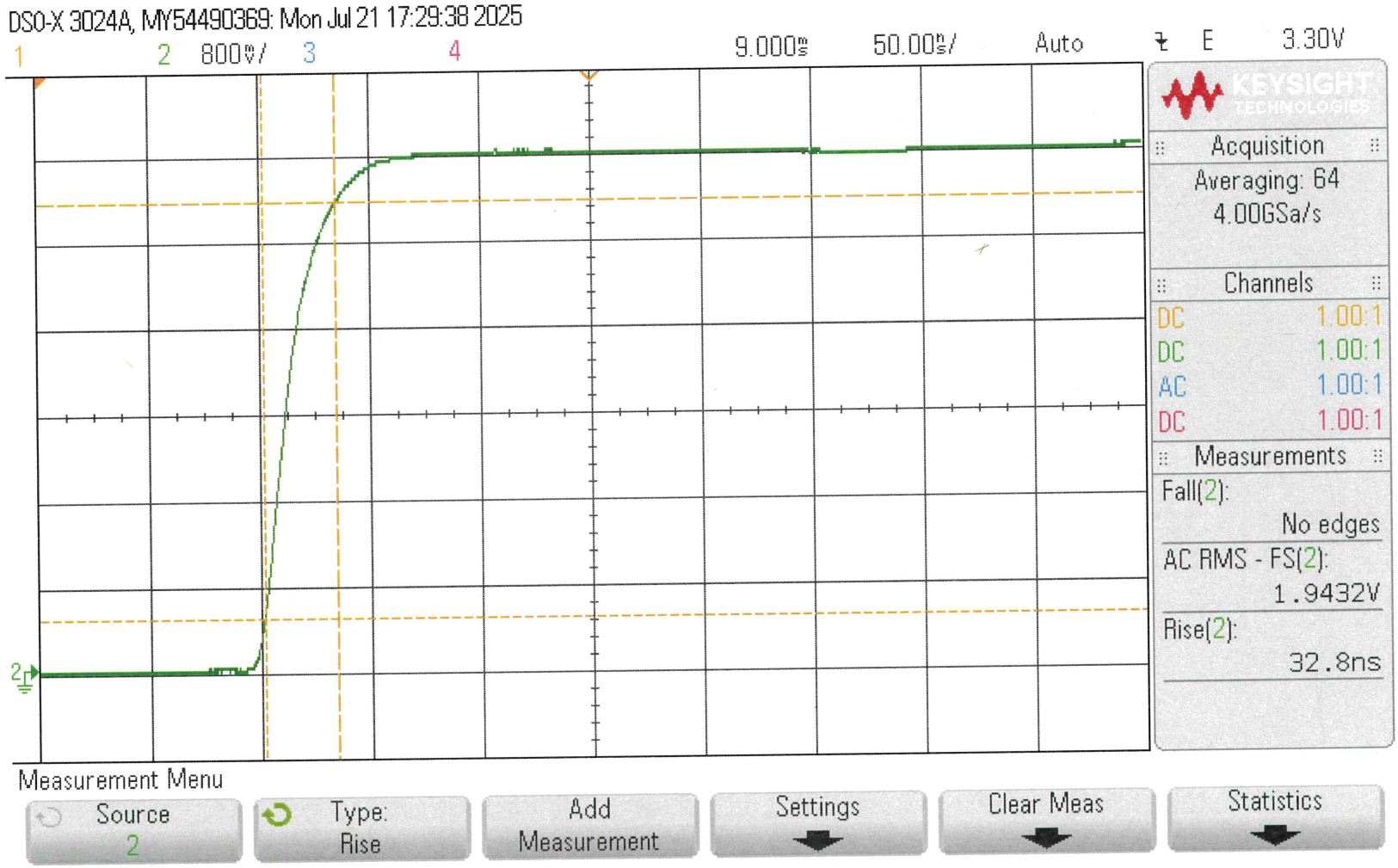
PL53796
Recovery/Fall -50dbm



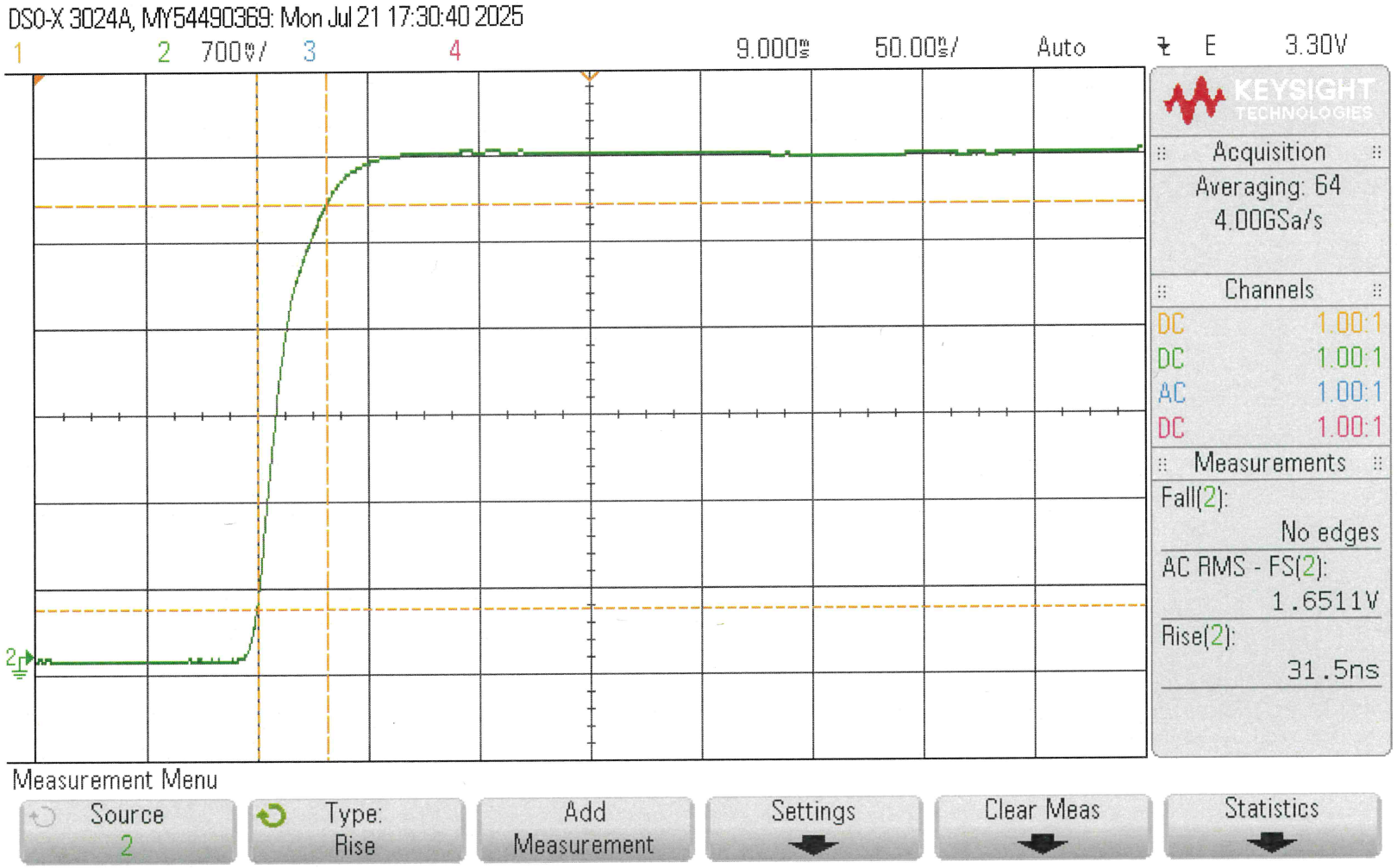
PL 53796
Recovery/ Fall -60 dbm



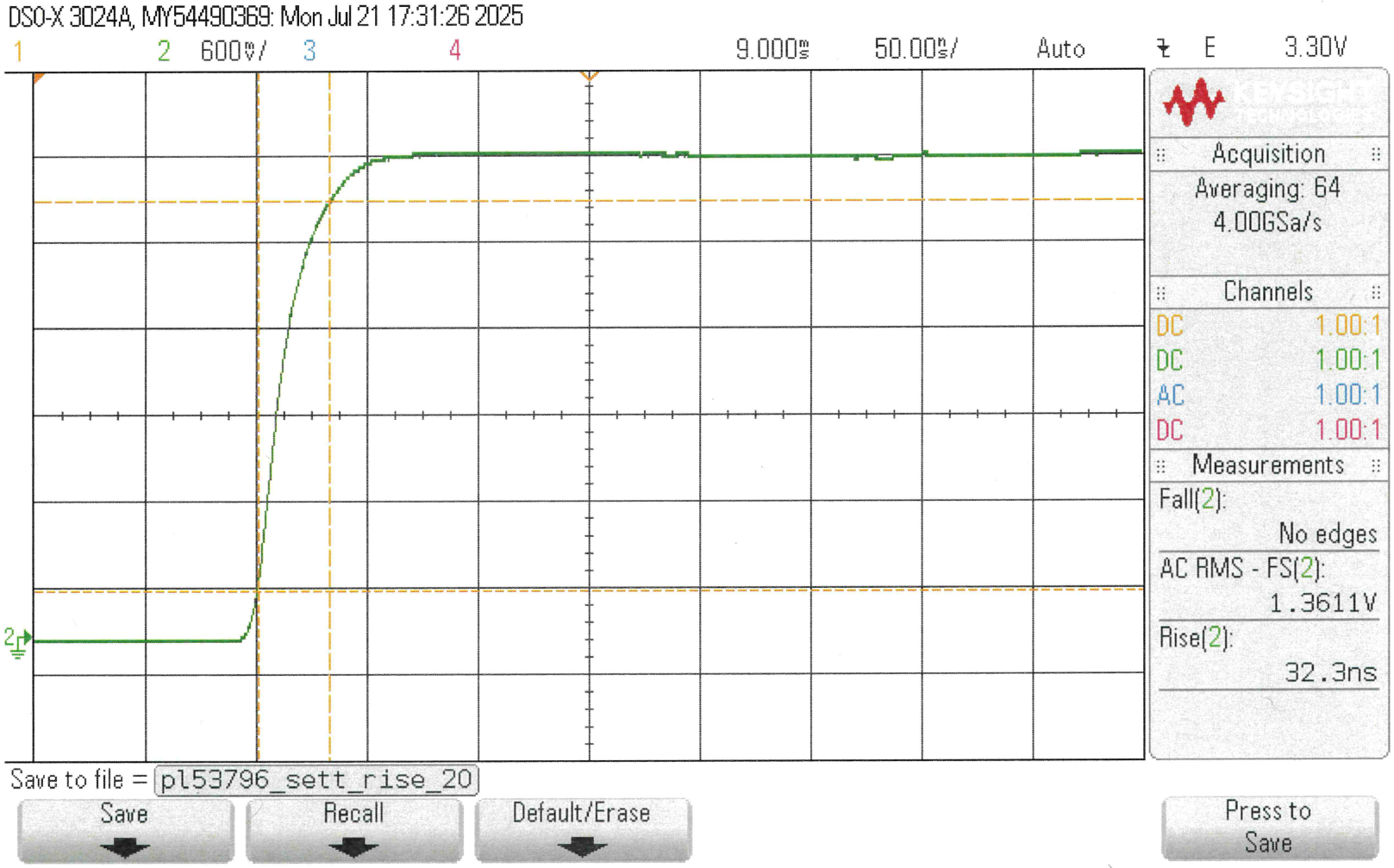
PL 53796
settle / Rise 0dbm



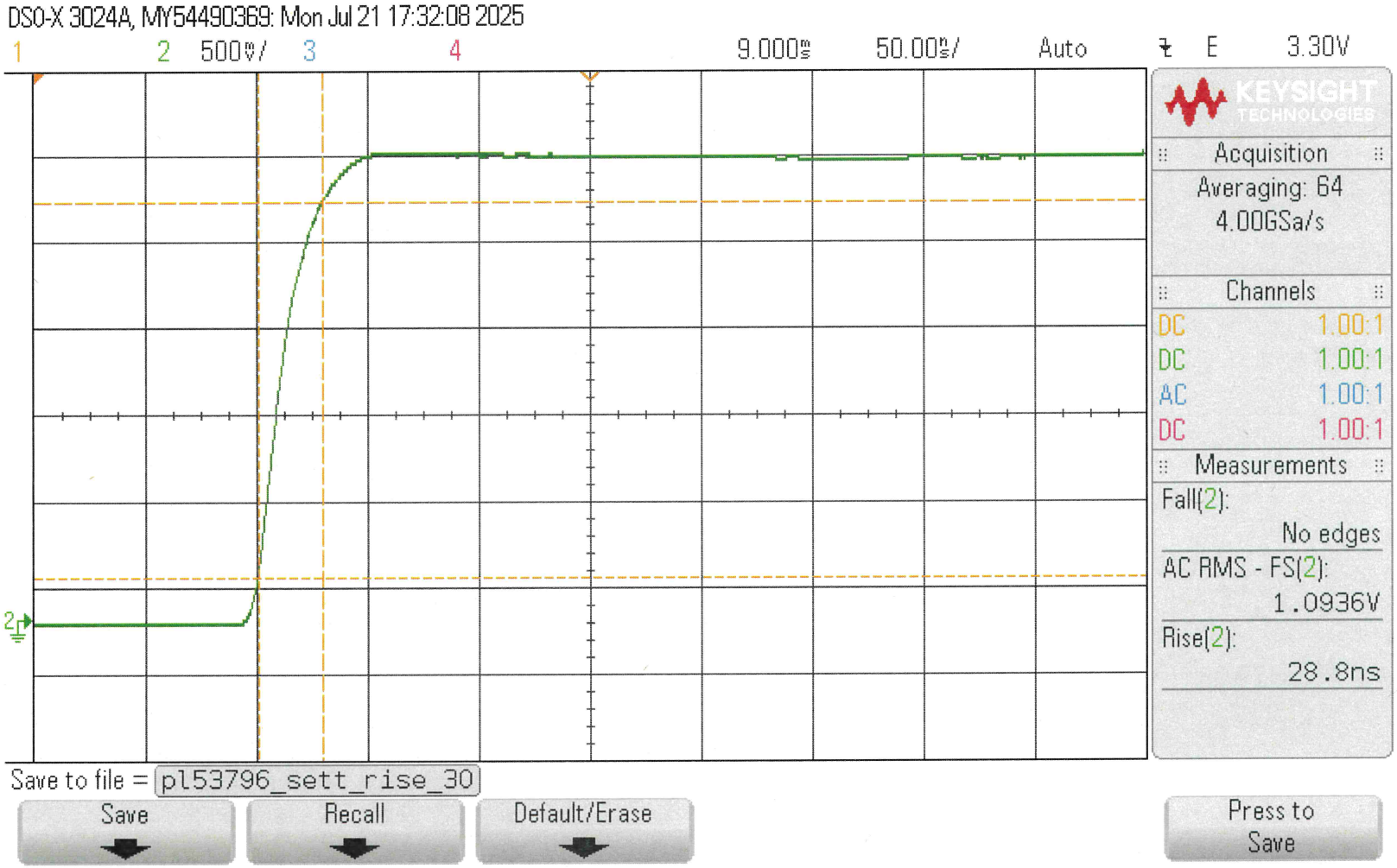
PL53796
settle / Rise -10dbm



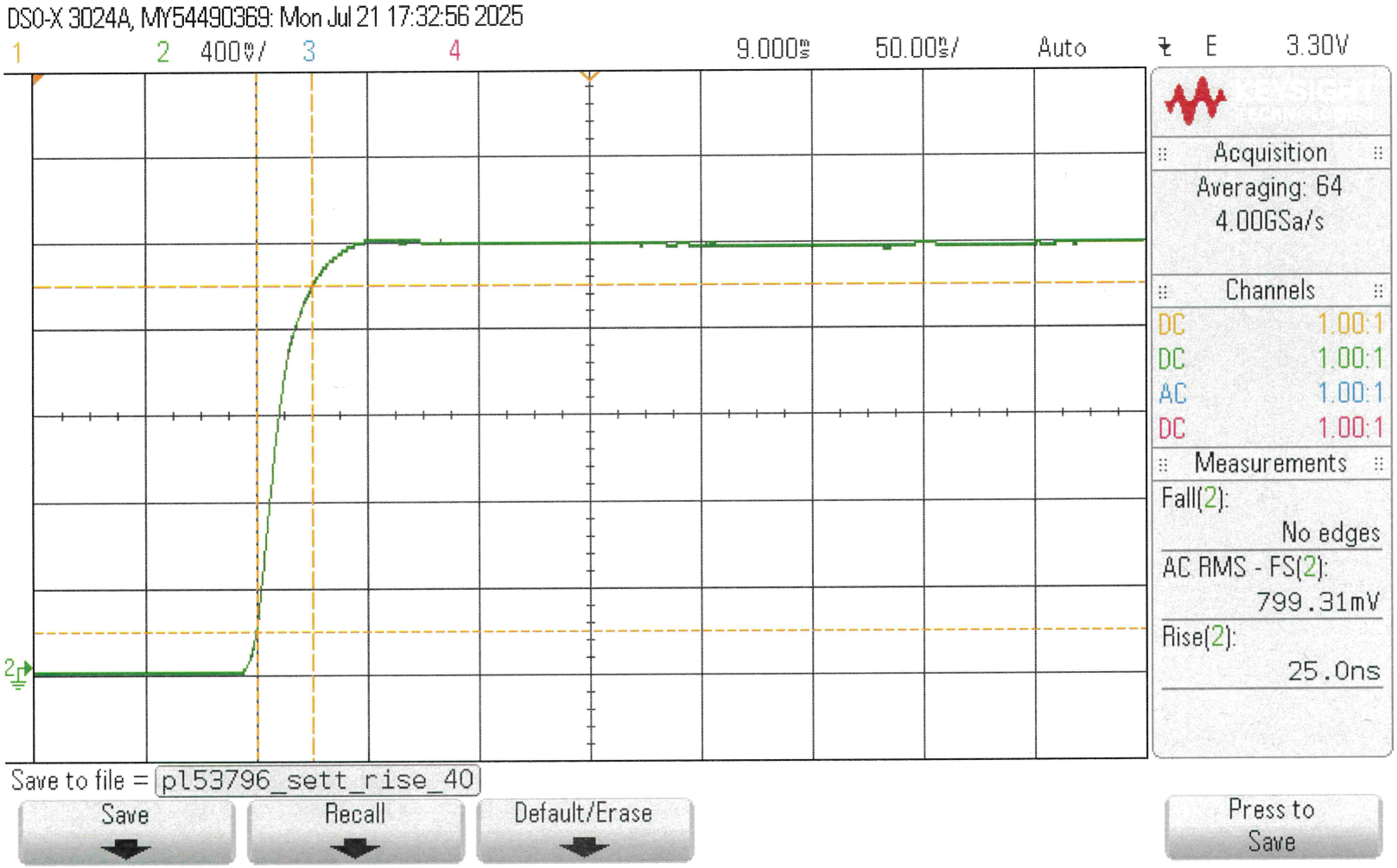
PL53796
settle/Rise -20dbm



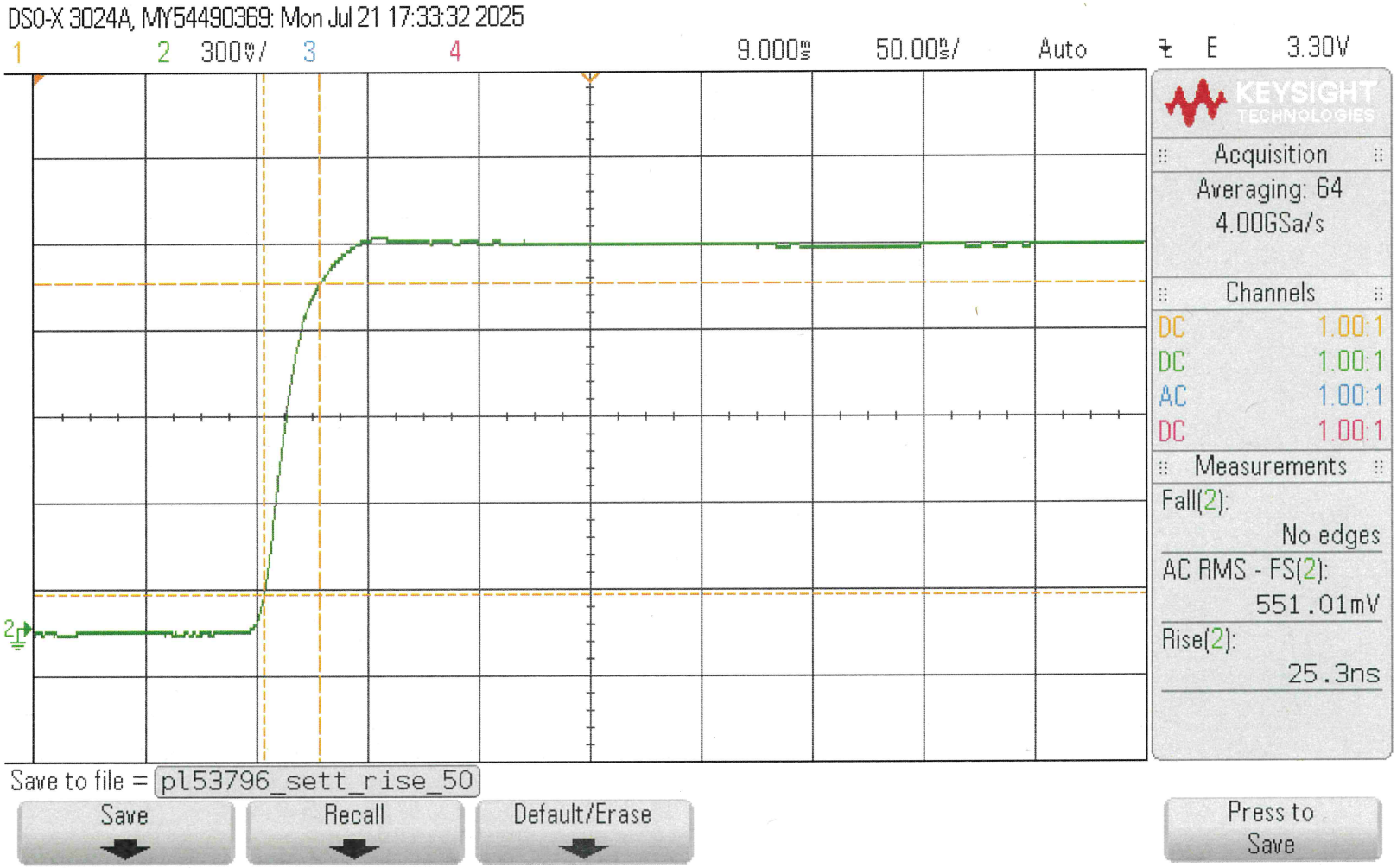
PL53796
settle / Rise -30dbm



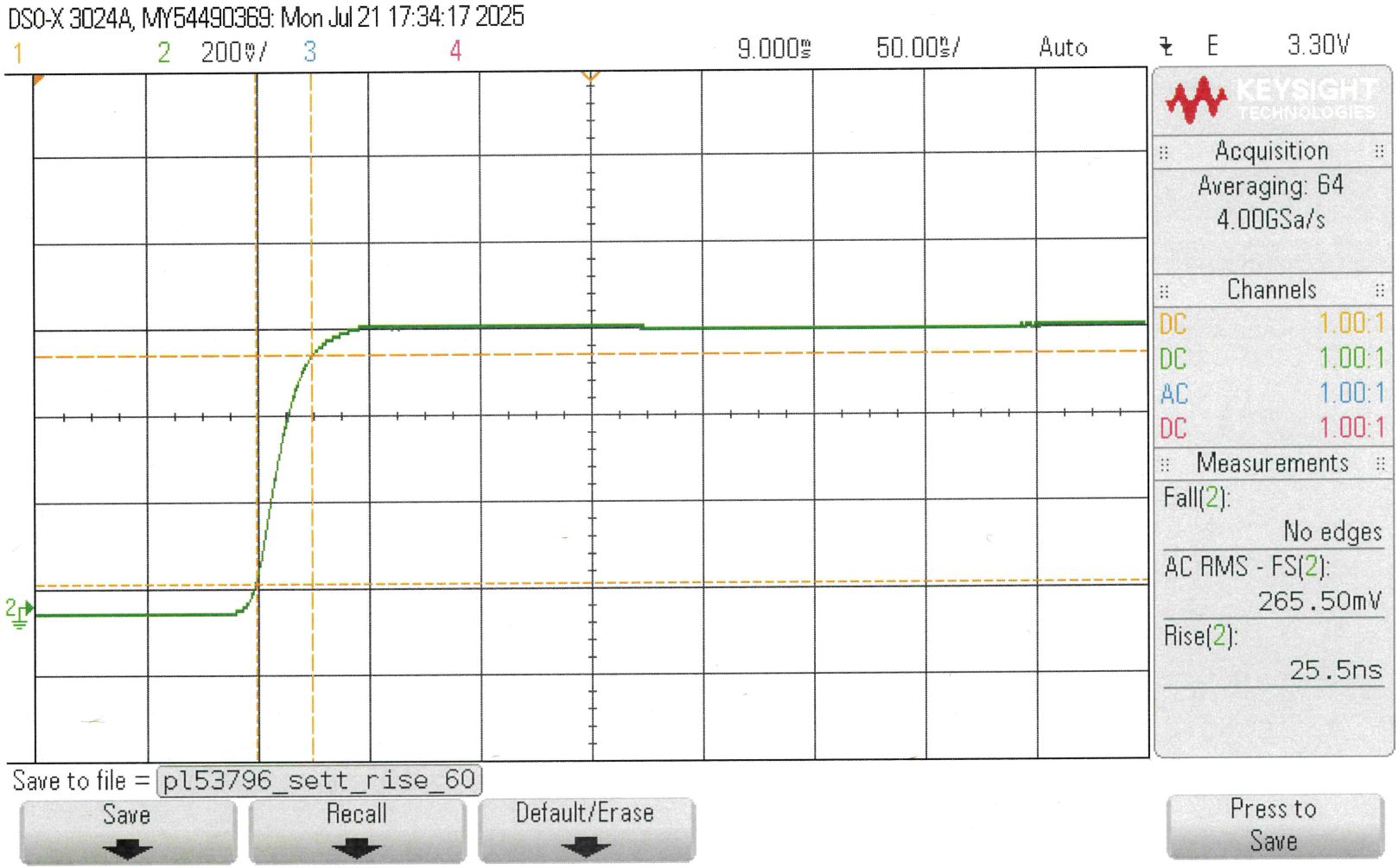
PL53796
settle/Rise -40dbm



PL53796
settle / Rise -50dbm

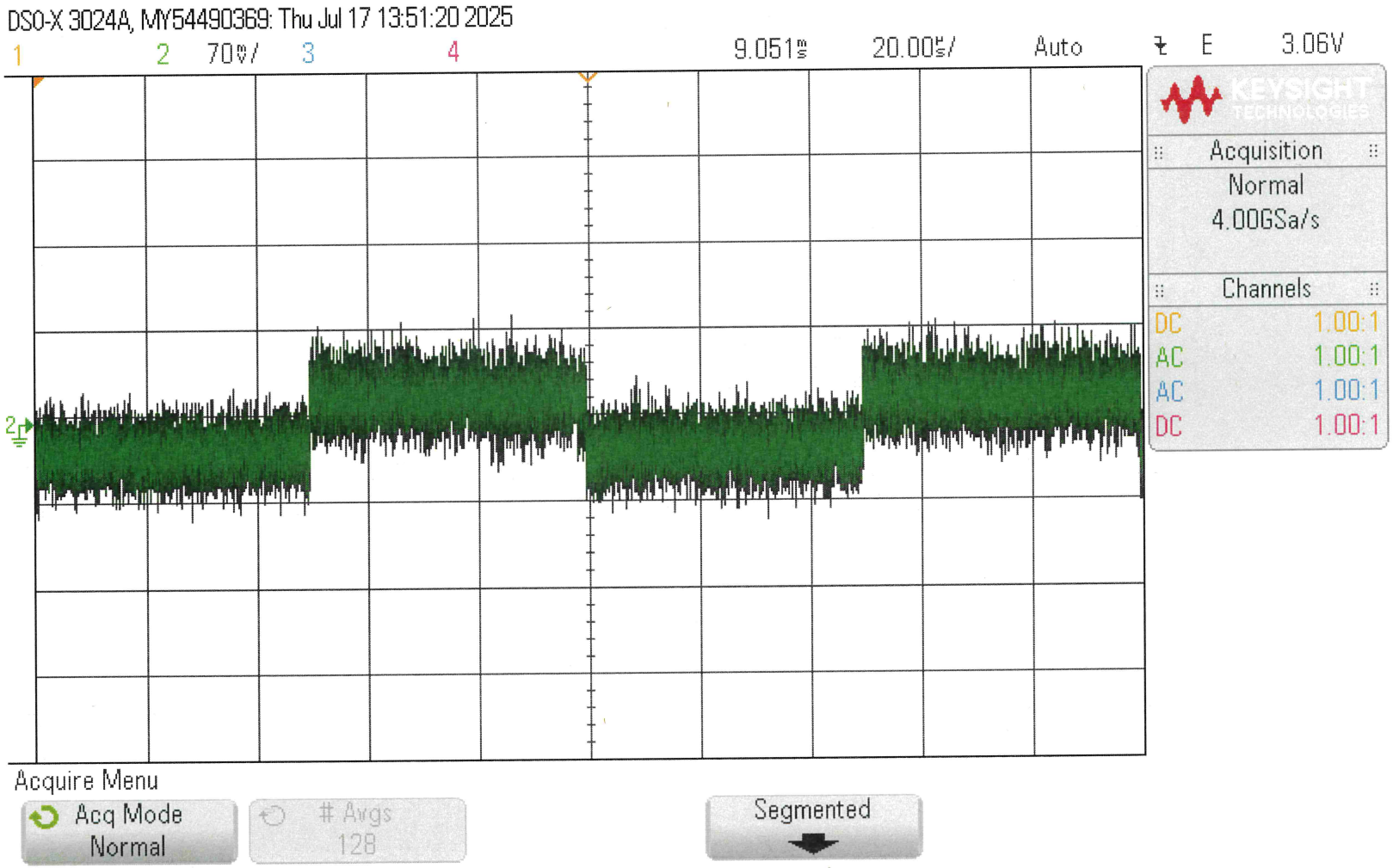


PL53796
settle/Rise -60dbm

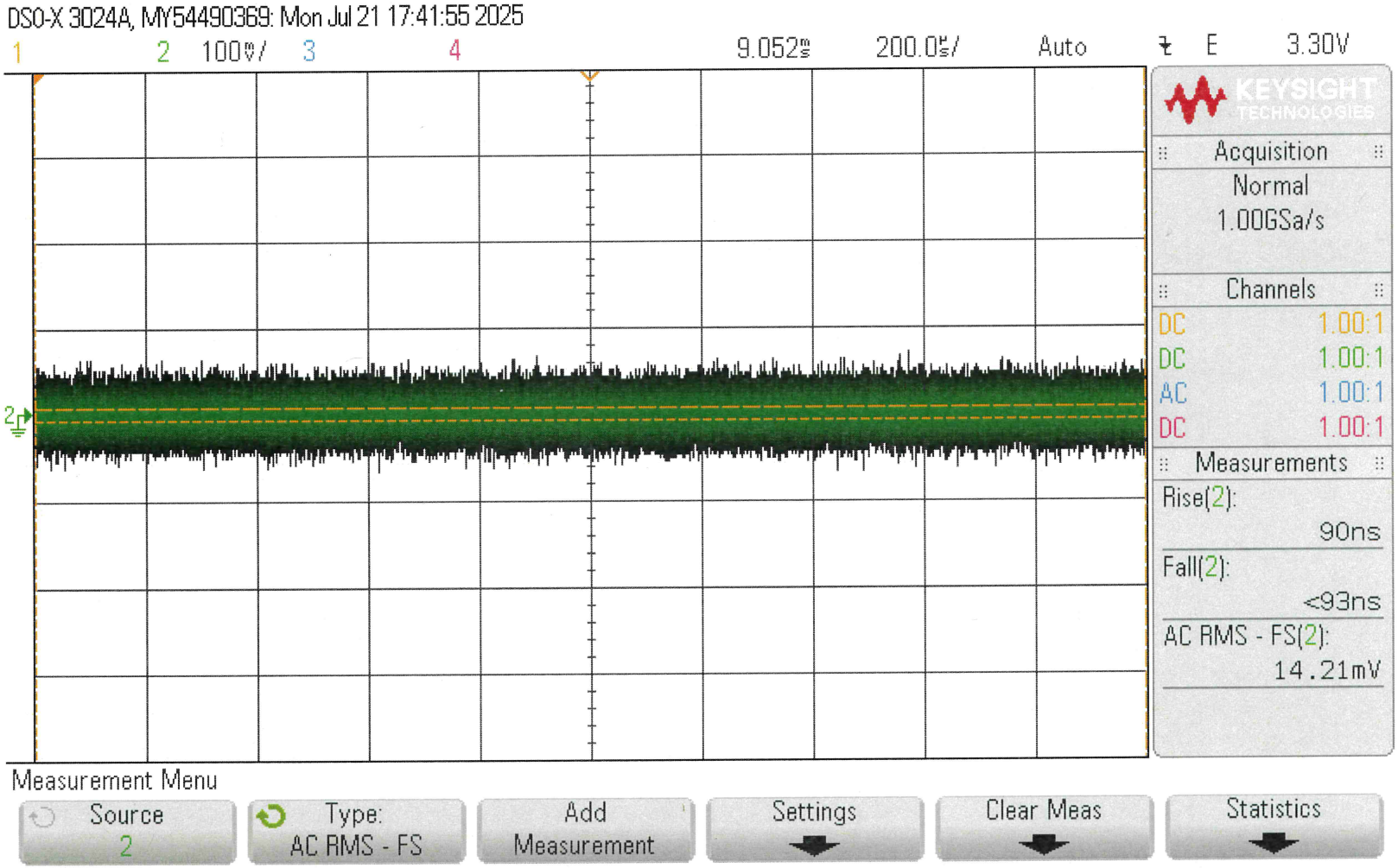


PL53796

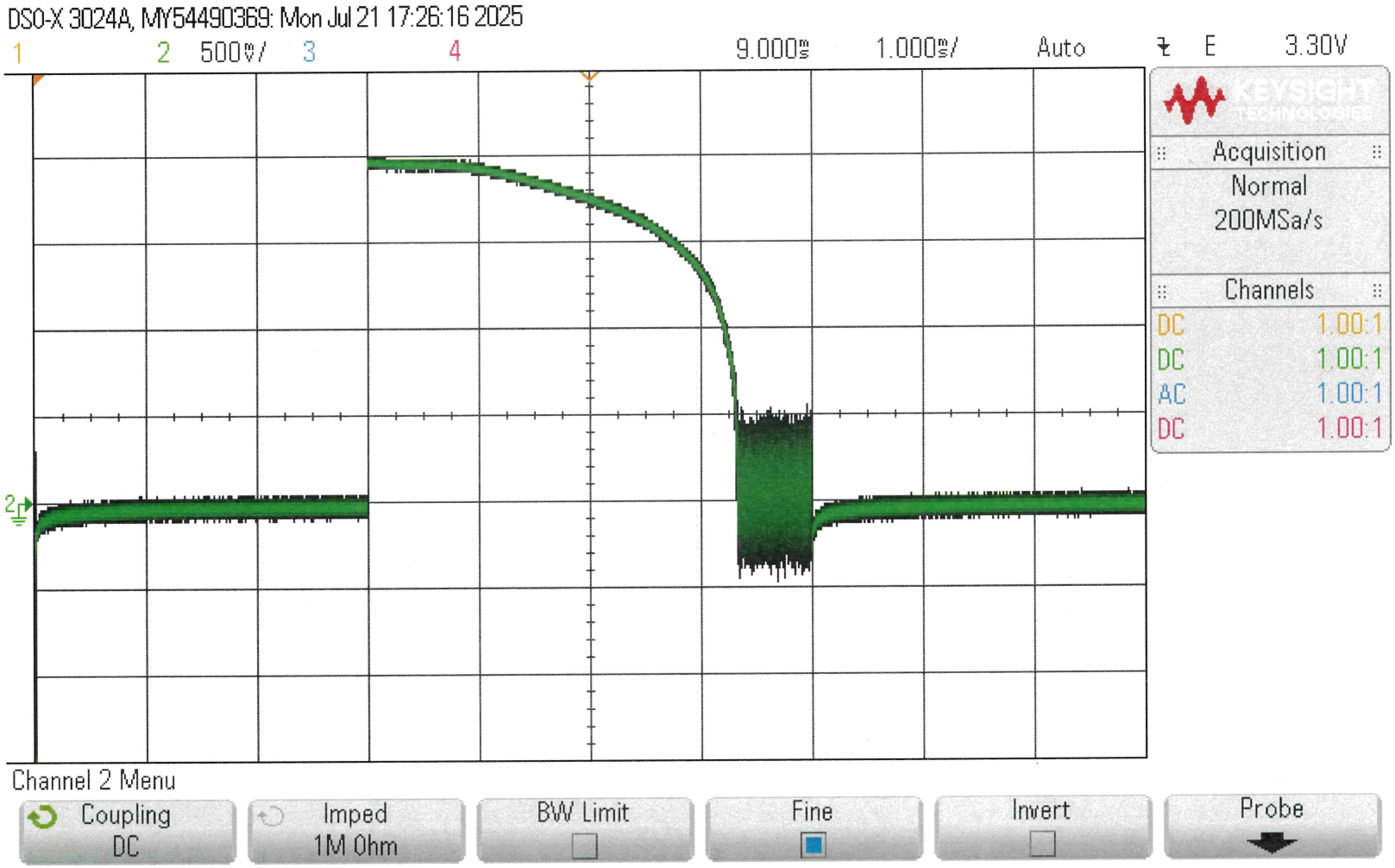
TSS -74



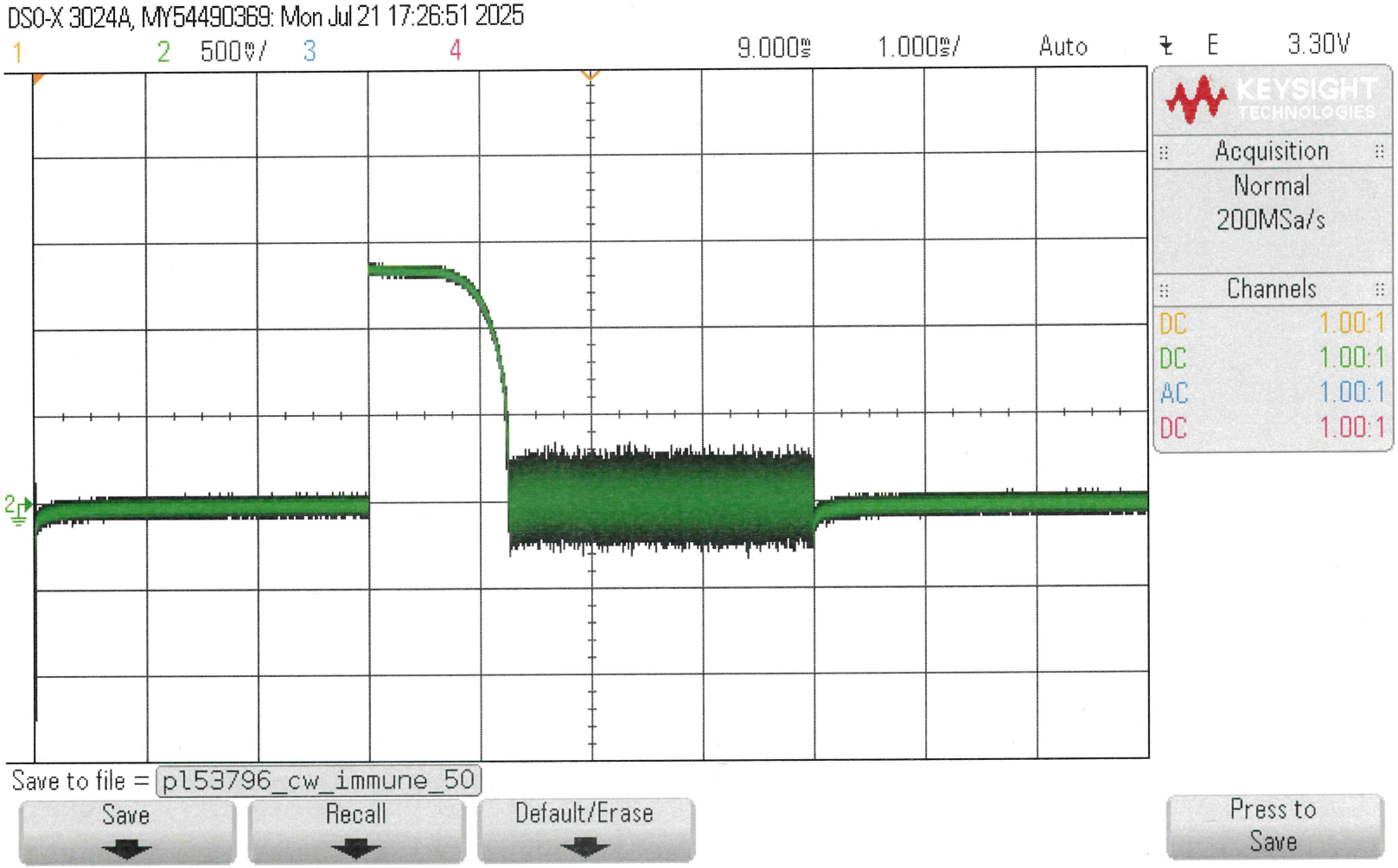
PL53796.
RMS noise



PL 53796
CW Immune/Recover -40dbm



PL53796
CW Immune -50dbm



PL53796
CW Immune −60 dBm