Quantic PMI
PLANAR MONOLITHICS

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

Customer: [redacted]
SO No: [redacted]
Model No: EWDM-2G8G-65-70MV-2
Serial No: PL53797/2531

Tested By: Jim Hopson
Temperature: +25°C,+85C, -10C
Date 7/31/2025
Drawing No: 27650120 **Rev:** A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 to 8 GHz	**2 to 8 GHz**	
2	I/O VSWR:	2.3:1 Max	**1.6:1/1.58**	
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**	
6	Linear RF Gain	+50 dB Min +55 dB Max	**53.8/51.7dB**	
7	Noise Figure	5.0 dB Max (+25°C) 6.0 dB Max (Full Temp Range)	**4.5dB TYP**	
8	Frequency Flatness	±2.0 dB	**1.06dB**	
9	1 dB Compression	+10 dBm Min	**11.5dBm**	
10	Saturated Power	+20 dBm Max	**17dBm**	
11	Second Harmonic	-10 dBc Min	**18dBc**	
12	Third Harmonic	-15 dBc Nom	**28dBc**	

7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
13	TSS:	-71 dBm	**-74dBm**	
14	Dynamic Range:	-65 to 0 dBm	**-65 to 0 dBm**	
15	Log Slope:	70 mV/dB ±3 mV/dB	**70.18/71.18mV/dB**	
16	Log Linearity:	±1.0 dB Max	**.48/-.51dB**	
17	Log Accuracy @ 25°C:	±1.25 dB Max	**.81/-.91dB**	
18	Absolute Log Accuracy:	±2.0 dB Max	**.99/-.95dB**	
19	DC Offset:	±70 mV	**48mV**	
20	Rise Time:	28 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	**32.5ns**	
21	Fall Time:	300 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	**135.9ns**	
22	Settling Time:	50 ns Max (From 10% to within 70 mV of final value @ -40 & -10 dBm)	**<75ns**	
23	Recovery Time:	1 us Max (From 90% of a -5 dBm, 100us Pulse to within ±1.5 dB of baseline)	**750ns**	
24	Video Frequency Flatness:	±1.25 dB Max @ 25°C	**.59dB**	
25	Pulse Width Process Range:	100 ns to 100 us	**100 ns to 100 us**	
26	Video Output Load Impedance:	95 ±1 Ω	**95 ±1 Ω**	

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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
27	Video Output @ -65 dBm:	330 ± 88 mV Over Frequency	**272/330mV**	
28	Video Output Drive Capability:	Driving 100 ft RG180 into 95 Ω Load	**Pass**	
29	Pulse Density Capability:	10% Duty @ 100 ns PW 70% Duty @ 100 us PW	**10% Duty @ 100ns PW** **70% Duty @ 100us PW**	
30	Noise Level:	20 mV RMS Max	**12.5mV**	
31	Pulse Droop @ -65 dBm:	70 mV Max	**<70mV**	
32	Propagation Delay:	80 ns Max (50% RF to 10% Video)	**<80ns**	
33	CW Immune Power:	TSS to -40 dBm	**TSS to -40 dBm**	
34	Baseline Shift:	200 mV Max @ -40 dBm CW	**<200mV**	
35	Pulse Amplitude Loss with Pulse @ -30 dBm:	CW @ -50 dBm = No Loss CW @ -40 dBm = 2 dB Max	**-50 dBm = 0dB** **-40 dBm = <1dB**	
36	CW Immue Time @ CW = -40 dBm	4 ms Max	**2.2ms**	
37	CW Recovery Time @ CW = -40 dBm	120 us Max	**<100us**	
38	DC Power:	+15V (±5%) @ 700 mA Max -15V (±5%) @ 200 mA Max	**530 mA** **140 mA**	
39	Ripple DC to 10 MHz	100 mV Max	**<100mV**	

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

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LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53797 RF

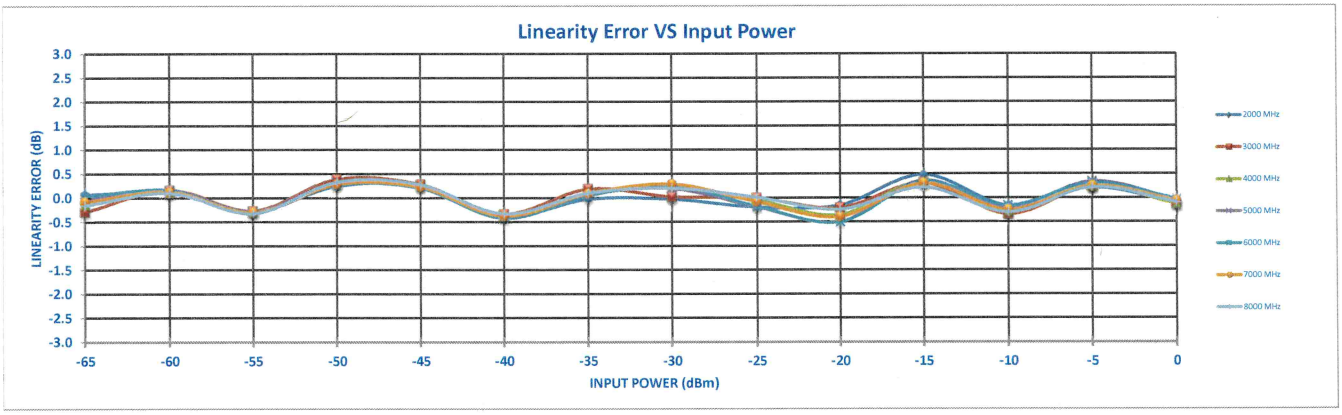
Test Temp: +25C

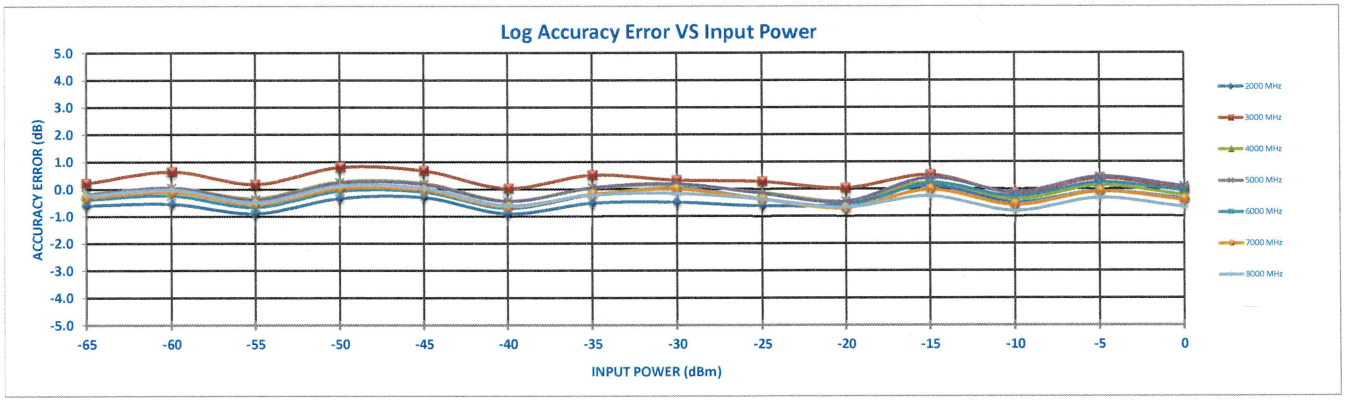
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.048

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4893.8	272	630	959	1352	1708	2019	2400	2756	3100	3459	3860	4170	4553	4886	Measured Value (mV)
	SLOPE (mV/dB)	71.18	5	7	-20	17	18	-27	-2	-2	-14	-11	34	-12	15	-8	Error (mV)
			0.07	0.10	-0.28	0.24	0.25	-0.38	-0.03	-0.03	-0.20	-0.16	0.48	-0.17	0.21	-0.11	LINEARITY ERROR (dB)
			-0.61	-0.55	-0.89	-0.34	-0.30	-0.91	-0.52	-0.49	-0.62	-0.55	0.12	-0.49	-0.08	-0.37	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4921.1	330	714	1035	1433	1777	2085	2473	2813	3163	3500	3888	4194	4586	4912	Measured Value (mV)
	SLOPE (mV/dB)	70.31	-21	12	-19	28	20	-24	13	1	0	-15	22	-24	16	-9	Error (mV)
			-0.30	0.17	-0.27	0.39	0.28	-0.34	0.18	0.02	0.00	-0.21	0.31	-0.34	0.23	-0.13	LINEARITY ERROR (dB)
			0.21	0.64	0.18	0.81	0.67	0.03	0.51	0.32	0.27	0.03	0.52	-0.15	0.39	0.00	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4904.1	302	673	998	1395	1745	2052	2439	2801	3135	3466	3869	4178	4568	4895	Measured Value (mV)
	SLOPE (mV/dB)	70.64	-10	7	-21	23	20	-26	7	16	-3	-25	24	-20	17	-9	Error (mV)
			-0.15	0.10	-0.30	0.32	0.28	-0.37	0.10	0.23	-0.04	-0.36	0.35	-0.28	0.24	-0.13	LINEARITY ERROR (dB)
			-0.18	0.06	-0.34	0.27	0.22	-0.44	0.03	0.15	-0.13	-0.45	0.25	-0.38	0.13	-0.24	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4920.9	301	672	995	1393	1742	2051	2440	2804	3132	3465	3881	4196	4590	4918	Measured Value (mV)
	SLOPE (mV/dB)	71.02	-4	12	-20	23	17	-29	5	14	-13	-36	25	-15	24	-3	Error (mV)
			-0.05	0.17	-0.28	0.32	0.24	-0.41	0.07	0.19	-0.19	-0.50	0.36	-0.21	0.34	-0.04	LINEARITY ERROR (dB)
			-0.20	0.05	-0.39	0.24	0.18	-0.45	0.05	0.19	-0.17	-0.46	0.42	-0.13	0.45	0.08	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4909	287	652	975	1371	1722	2033	2422	2793	3118	3450	3866	4186	4575	4907	Measured Value (mV)
	SLOPE (mV/dB)	71.14	2	11	-21	19	14	-30	3	18	-12	-36	24	-12	22	-2	Error (mV)
			0.03	0.16	-0.30	0.27	0.20	-0.43	0.04	0.26	-0.18	-0.51	0.34	-0.16	0.31	-0.03	LINEARITY ERROR (dB)
			-0.40	-0.24	-0.67	-0.07	-0.11	-0.71	-0.21	0.04	-0.37	-0.67	0.21	-0.27	0.23	-0.07	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4887.7	293	661	984	1378	1727	2037	2423	2790	3117	3448	3850	4164	4552	4883	Measured Value (mV)
	SLOPE (mV/dB)	70.60	-6	9	-21	20	16	-27	6	20	-6	-28	21	-18	17	-5	Error (mV)
			-0.08	0.13	-0.30	0.28	0.23	-0.38	0.09	0.29	-0.08	-0.39	0.30	-0.25	0.24	-0.07	LINEARITY ERROR (dB)
			-0.31	-0.11	-0.54	0.03	-0.04	-0.65	-0.19	-0.01	-0.38	-0.70	-0.02	-0.58	-0.09	-0.41	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4870.7	298	667	988	1385	1732	2040	2421	2779	3117	3450	3833	4148	4535	4864	Measured Value (mV)
	SLOPE (mV/dB)	70.18	-11	7	-23	23	19	-23	7	14	1	-17	15	-21	15	-7	Error (mV)
			-0.16	0.10	-0.32	0.33	0.28	-0.33	0.09	0.20	0.01	-0.24	0.21	-0.30	0.22	-0.09	LINEARITY ERROR (dB)
			-0.24	-0.02	-0.48	0.13	0.04	-0.61	-0.22	-0.16	-0.38	-0.67	-0.26	-0.80	-0.33	-0.68	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.41	0.59	0.54	0.57	0.49	0.47	0.52	0.40	0.45	0.37	0.39	0.34	0.39	0.38	

-65dBm mV-Out	
330	Max
272	Min





LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53797 RF

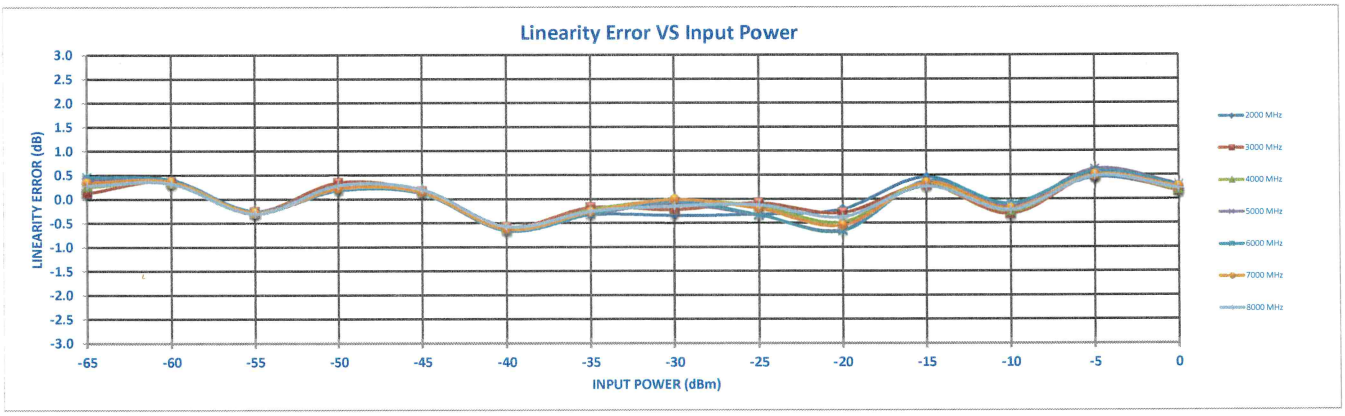
Test Temp: -10C

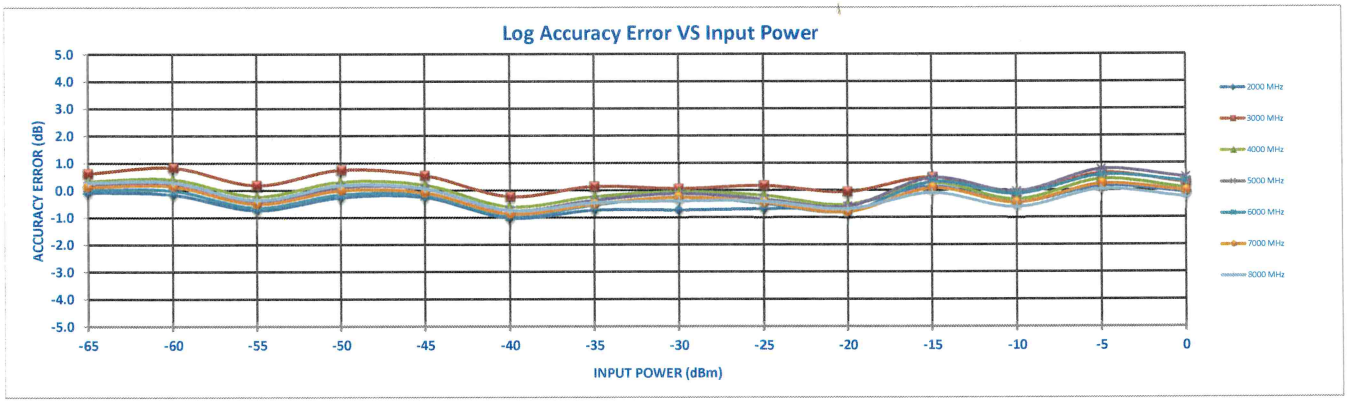
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.028

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4956	264	620	940	1336	1699	2006	2389	2751	3116	3487	3899	4219	4625	4970	Measured Value (mV)
	SLOPE (mV/dB)	72.67	31	24	-19	13	13	-43	-24	-25	-23	-16	33	-10	32	14	Error (mV)
			0.43	0.33	-0.27	0.18	0.18	-0.60	-0.33	-0.34	-0.32	-0.22	0.45	-0.14	0.44	0.19	LINEARITY ERROR (dB)
			-0.08	-0.17	-0.74	-0.27	-0.26	-1.02	-0.73	-0.73	-0.69	-0.56	0.13	-0.45	0.16	-0.08	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4983.1	315	692	1007	1410	1757	2063	2452	2808	3178	3523	3924	4241	4658	4995	Measured Value (mV)
	SLOPE (mV/dB)	71.96	9	26	-18	25	12	-42	-13	-16	-6	-21	20	-23	35	12	Error (mV)
			0.13	0.37	-0.26	0.34	0.17	-0.58	-0.18	-0.23	-0.09	-0.29	0.28	-0.31	0.48	0.17	LINEARITY ERROR (dB)
			0.62	0.83	0.18	0.75	0.54	-0.23	0.14	0.06	0.17	-0.06	0.47	-0.15	0.61	0.27	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4967.5	294	661	977	1378	1732	2036	2425	2800	3152	3489	3909	4227	4643	4981	Measured Value (mV)
	SLOPE (mV/dB)	72.18	18	24	-21	19	13	-44	-16	-2	-11	-35	24	-19	36	13	Error (mV)
			0.25	0.34	-0.29	0.27	0.17	-0.61	-0.23	-0.03	-0.15	-0.48	0.33	-0.26	0.50	0.19	LINEARITY ERROR (dB)
			0.33	0.40	-0.23	0.31	0.20	-0.61	-0.23	-0.05	-0.19	-0.53	0.27	-0.34	0.41	0.08	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4988	282	647	963	1364	1721	2026	2415	2795	3142	3484	3922	4248	4669	5010	Measured Value (mV)
	SLOPE (mV/dB)	72.84	29	30	-19	18	11	-48	-23	-8	-25	-47	27	-12	45	22	Error (mV)
			0.40	0.41	-0.26	0.25	0.15	-0.66	-0.32	-0.11	-0.34	-0.65	0.37	-0.16	0.62	0.30	LINEARITY ERROR (dB)
			0.17	0.21	-0.43	0.11	0.04	-0.74	-0.37	-0.12	-0.33	-0.60	0.45	-0.05	0.77	0.48	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4977.3	271	631	947	1344	1704	2012	2402	2786	3130	3470	3911	4241	4654	4999	Measured Value (mV)
	SLOPE (mV/dB)	72.92	34	29	-20	13	8	-48	-23	-4	-24	-49	28	-7	41	22	Error (mV)
			0.46	0.40	-0.27	0.18	0.11	-0.66	-0.32	-0.05	-0.33	-0.67	0.38	-0.10	0.57	0.30	LINEARITY ERROR (dB)
			0.01	-0.01	-0.65	-0.16	-0.19	-0.94	-0.55	-0.25	-0.49	-0.80	0.29	-0.15	0.56	0.32	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4955.7	279	642	957	1355	1711	2017	2405	2785	3133	3469	3895	4218	4630	4974	Measured Value (mV)
	SLOPE (mV/dB)	72.33	25	26	-21	16	10	-46	-19	-1	-14	-40	24	-14	36	18	Error (mV)
			0.34	0.36	-0.28	0.22	0.14	-0.63	-0.27	-0.01	-0.20	-0.55	0.34	-0.20	0.50	0.25	LINEARITY ERROR (dB)
			0.12	0.14	-0.51	-0.01	-0.09	-0.87	-0.51	-0.26	-0.45	-0.81	0.07	-0.46	0.23	-0.02	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4941.3	291	653	967	1369	1722	2026	2408	2775	3136	3477	3882	4206	4616	4957	Measured Value (mV)
	SLOPE (mV/dB)	71.85	20	23	-22	20	14	-41	-18	-11	-9	-27	19	-17	34	16	Error (mV)
			0.28	0.32	-0.31	0.28	0.20	-0.57	-0.26	-0.15	-0.12	-0.38	0.26	-0.23	0.47	0.22	LINEARITY ERROR (dB)
			0.29	0.29	-0.37	0.18	0.06	-0.74	-0.47	-0.40	-0.41	-0.70	-0.11	-0.63	0.03	-0.26	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.35	0.50	0.46	0.51	0.40	0.39	0.44	0.39	0.43	0.37	0.29	0.29	0.37	0.37	

-65dBm mV-Out	
315	Max
264	Min





LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53797 RF

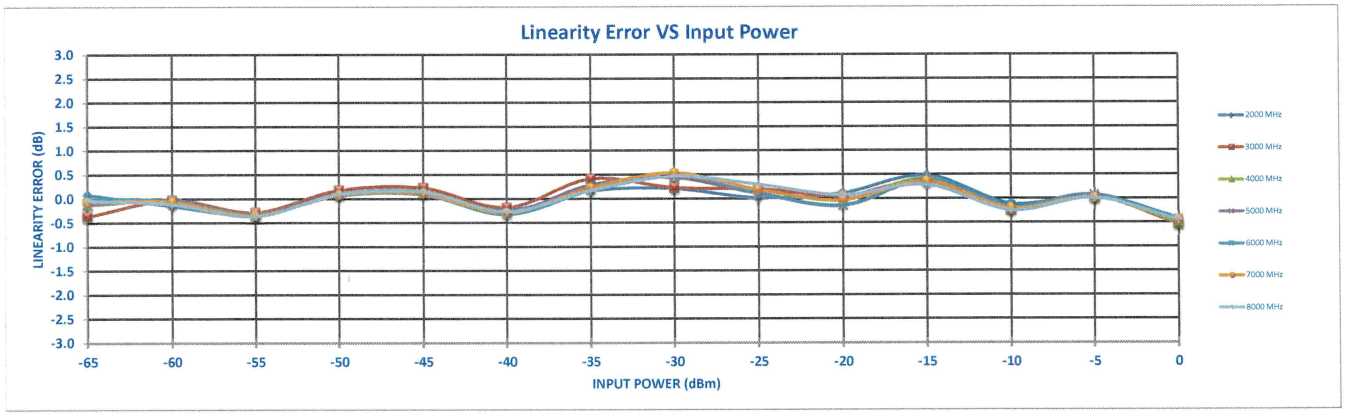
Test Temp: +85C

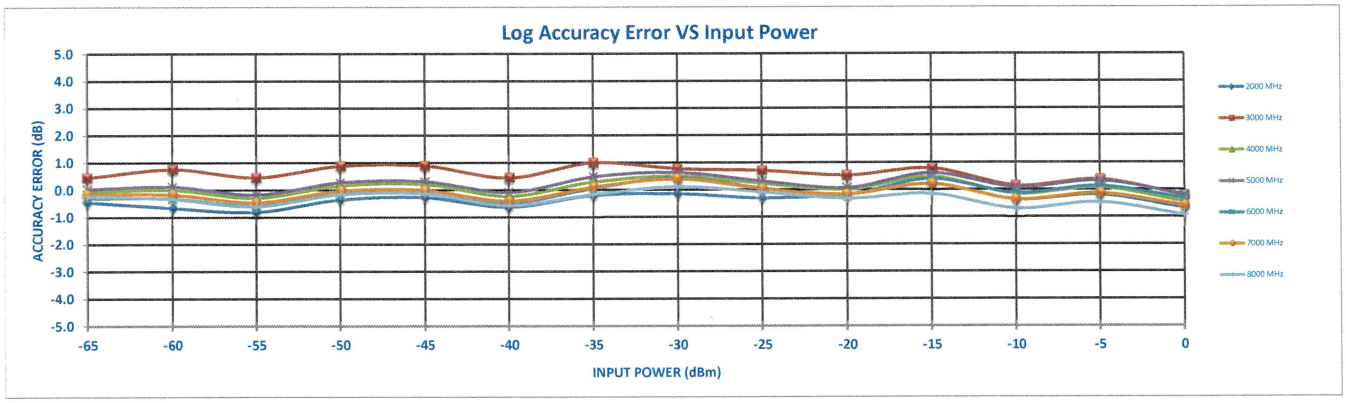
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.058

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4680.9	252	577	906	1276	1621	1936	2304	2648	2976	3324	3690	3991	4342	4648	Measured Value (mV)
	SLOPE (mV/dB)	68.22	6	-11	-23	6	10	-16	11	14	1	8	32	-8	2	-33	Error (mV)
			0.08	-0.15	-0.33	0.09	0.15	-0.23	0.16	0.20	0.01	0.11	0.48	-0.11	0.03	-0.48	LINEARITY ERROR (dB)
			-0.45	-0.66	-0.81	-0.36	-0.28	-0.64	-0.22	-0.15	-0.32	-0.19	0.20	-0.36	-0.19	-0.68	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4715.3	313	673	992	1360	1700	2009	2386	2710	3045	3372	3729	4025	4380	4679	Measured Value (mV)
	SLOPE (mV/dB)	67.34	-25	-2	-19	12	15	-13	28	15	13	4	24	-17	1	-36	Error (mV)
			-0.37	-0.03	-0.29	0.18	0.23	-0.19	0.41	0.22	0.20	0.05	0.35	-0.25	0.02	-0.54	LINEARITY ERROR (dB)
			0.45	0.75	0.45	0.88	0.88	0.44	0.99	0.77	0.70	0.52	0.78	0.14	0.37	-0.22	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4697.6	277	622	941	1311	1654	1963	2338	2692	3013	3337	3708	4005	4360	4663	Measured Value (mV)
	SLOPE (mV/dB)	67.87	-9	-3	-24	7	11	-20	16	31	12	-3	20	-14	2	-35	Error (mV)
			-0.13	-0.05	-0.35	0.10	0.16	-0.29	0.24	0.45	0.18	-0.05	0.42	-0.20	0.03	-0.51	LINEARITY ERROR (dB)
			-0.08	0.00	-0.30	0.15	0.21	-0.24	0.28	0.50	0.23	0.00	0.47	-0.15	0.08	-0.46	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4711.6	284	630	949	1319	1661	1973	2351	2701	3018	3341	3717	4021	4377	4681	Measured Value (mV)
	SLOPE (mV/dB)	68.00	-8	-2	-23	7	9	-19	19	29	6	-11	25	-11	5	-31	Error (mV)
			-0.11	-0.02	-0.33	0.11	0.14	-0.27	0.28	0.43	0.09	-0.16	0.37	-0.16	0.08	-0.45	LINEARITY ERROR (dB)
			0.02	0.12	-0.18	0.27	0.31	-0.09	0.48	0.63	0.30	0.06	0.60	0.08	0.33	-0.19	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4700.6	262	600	922	1290	1633	1946	2322	2688	3001	3325	3703	4007	4363	4672	Measured Value (mV)
	SLOPE (mV/dB)	68.29	1	-3	-22	4	6	-23	12	36	8	-10	27	-11	4	-29	Error (mV)
			0.01	-0.04	-0.33	0.06	0.08	-0.33	0.17	0.53	0.11	-0.14	0.39	-0.16	0.06	-0.42	LINEARITY ERROR (dB)
			-0.30	-0.32	-0.58	-0.16	-0.10	-0.49	0.05	0.44	0.05	-0.17	0.40	-0.12	0.12	-0.33	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4683.5	271	610	930	1298	1639	1951	2325	2685	3000	3325	3690	3991	4345	4653	Measured Value (mV)
	SLOPE (mV/dB)	67.82	-4	-5	-24	5	7	-20	15	36	12	-2	24	-14	1	-31	Error (mV)
			-0.07	-0.07	-0.35	0.08	0.11	-0.29	0.22	0.53	0.18	-0.03	0.35	-0.21	0.01	-0.45	LINEARITY ERROR (dB)
			-0.17	-0.17	-0.46	-0.04	-0.01	-0.42	0.09	0.40	0.04	-0.17	0.20	-0.36	-0.15	-0.61	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4660.5	266	599	920	1289	1630	1940	2307	2665	2991	3314	3666	3968	4323	4630	Measured Value (mV)
	SLOPE (mV/dB)	67.56	-3	-8	-25	6	10	-18	11	31	19	5	19	-17	0	-31	Error (mV)
			-0.05	-0.12	-0.37	0.10	0.14	-0.27	0.16	0.46	0.29	0.07	0.28	-0.25	0.00	-0.45	LINEARITY ERROR (dB)
			-0.24	-0.34	-0.61	-0.17	-0.15	-0.58	-0.17	0.10	-0.09	-0.34	-0.15	-0.70	-0.47	-0.95	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.45	0.71	0.63	0.62	0.58	0.54	0.60	0.46	0.51	0.43	0.46	0.42	0.42	0.38	

-65dBm mV-Out	
313	Max
252	Min





LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 7-31-25
SERIAL NO: PL53797 BIT

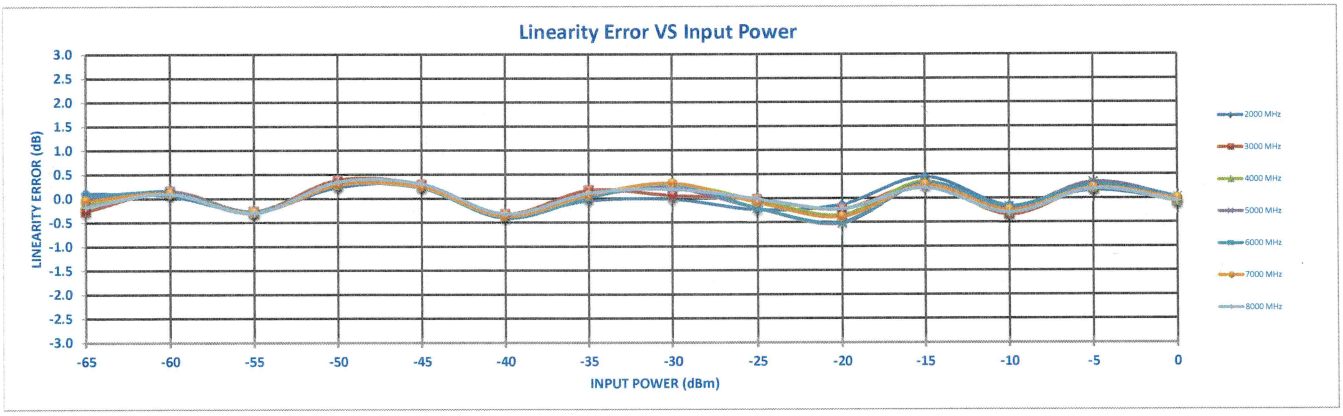
Test Temp: +25C

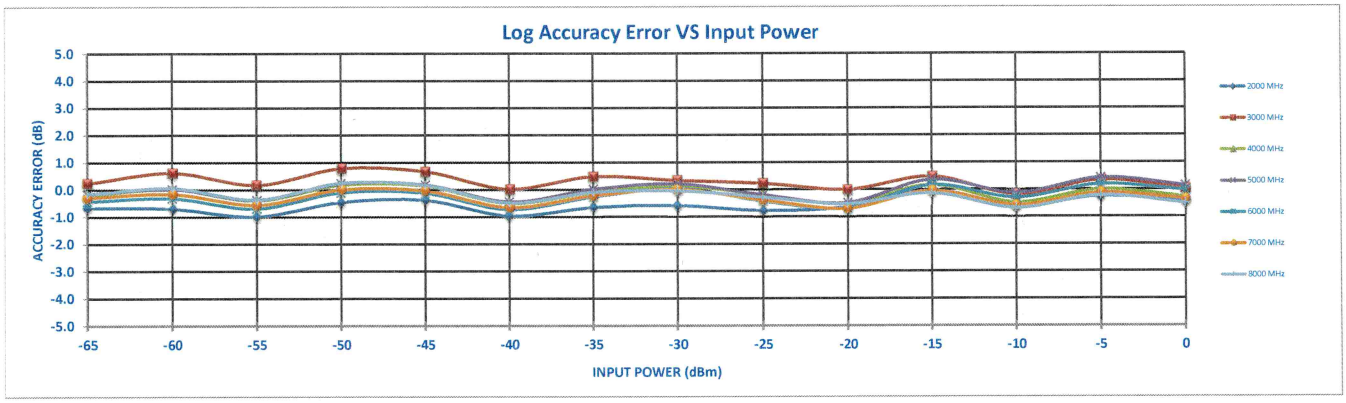
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.048

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4873.9	257	609	942	1333	1692	2004	2380	2738	3078	3441	3838	4151	4530	4871	Measured Value (mV)
	SLOPE (mV/dB)	71.14	7	4	-19	16	20	-24	-4	-2	-17	-10	31	-11	12	-3	Error (mV)
			0.11	0.05	-0.27	0.23	0.28	-0.34	-0.05	-0.02	-0.24	-0.14	0.44	-0.16	0.17	-0.04	LINEARITY ERROR (dB)
			-0.68	-0.70	-0.99	-0.46	-0.39	-0.97	-0.66	-0.59	-0.79	-0.65	-0.04	-0.61	-0.25	-0.43	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4908.1	321	702	1024	1421	1766	2074	2460	2803	3149	3486	3874	4181	4572	4903	Measured Value (mV)
	SLOPE (mV/dB)	70.28	-19	11	-19	27	21	-23	12	3	-2	-17	20	-24	15	-5	Error (mV)
			-0.27	0.15	-0.27	0.38	0.29	-0.33	0.17	0.05	-0.03	-0.23	0.29	-0.35	0.22	-0.07	LINEARITY ERROR (dB)
			0.23	0.61	0.17	0.78	0.66	0.02	0.47	0.32	0.22	-0.02	0.47	-0.19	0.34	0.02	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4886.4	291	660	984	1378	1729	2037	2419	2789	3119	3450	3852	4160	4548	4881	Measured Value (mV)
	SLOPE (mV/dB)	70.58	-8	8	-21	20	19	-26	3	20	-3	-25	24	-21	15	-5	Error (mV)
			-0.11	0.12	-0.29	0.29	0.26	-0.37	0.04	0.28	-0.04	-0.35	0.34	-0.29	0.21	-0.08	LINEARITY ERROR (dB)
			-0.20	0.02	-0.40	0.17	0.14	-0.51	-0.11	0.13	-0.21	-0.53	0.16	-0.49	0.00	-0.29	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4909.2	293	660	985	1382	1732	2041	2427	2794	3119	3452	3866	4185	4578	4911	Measured Value (mV)
	SLOPE (mV/dB)	71.00	-1	11	-19	23	18	-28	3	15	-15	-37	22	-14	24	2	Error (mV)
			-0.02	0.15	-0.27	0.32	0.25	-0.40	0.04	0.21	-0.22	-0.52	0.31	-0.20	0.33	0.02	LINEARITY ERROR (dB)
			-0.17	0.02	-0.38	0.23	0.18	-0.45	0.01	0.20	-0.21	-0.50	0.36	-0.13	0.43	0.13	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4897.1	274	636	963	1358	1710	2021	2407	2782	3103	3438	3852	4173	4561	4899	Measured Value (mV)
	SLOPE (mV/dB)	71.17	3	9	-20	19	16	-29	1	20	-15	-36	22	-12	20	2	Error (mV)
			0.04	0.13	-0.28	0.27	0.22	-0.41	0.01	0.28	-0.21	-0.50	0.32	-0.17	0.28	0.03	LINEARITY ERROR (dB)
			-0.44	-0.32	-0.70	-0.11	-0.13	-0.73	-0.28	0.03	-0.43	-0.70	0.16	-0.30	0.19	-0.03	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4877.1	283	647	972	1366	1716	2026	2410	2780	3105	3437	3837	4153	4539	4876	Measured Value (mV)
	SLOPE (mV/dB)	70.62	-4	7	-21	20	17	-26	5	22	-7	-28	19	-18	15	-1	Error (mV)
			-0.05	0.10	-0.30	0.28	0.24	-0.37	0.07	0.30	-0.09	-0.39	0.27	-0.25	0.21	-0.01	LINEARITY ERROR (dB)
			-0.31	-0.16	-0.57	0.00	-0.05	-0.66	-0.23	0.00	-0.40	-0.71	-0.05	-0.58	-0.13	-0.36	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4869.5	293	663	986	1383	1731	2038	2419	2776	3113	3449	3831	4146	4532	4865	Measured Value (mV)
	SLOPE (mV/dB)	70.22	-12	6	-22	24	21	-23	7	13	-1	-16	15	-21	14	-5	Error (mV)
			-0.18	0.09	-0.31	0.35	0.30	-0.33	0.10	0.18	-0.02	-0.23	0.21	-0.30	0.19	-0.06	LINEARITY ERROR (dB)
			-0.17	0.06	-0.37	0.24	0.17	-0.49	-0.11	-0.06	-0.29	-0.54	-0.14	-0.68	-0.22	-0.52	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.45	0.66	0.58	0.62	0.52	0.49	0.57	0.46	0.50	0.35	0.30	0.28	0.34	0.33	

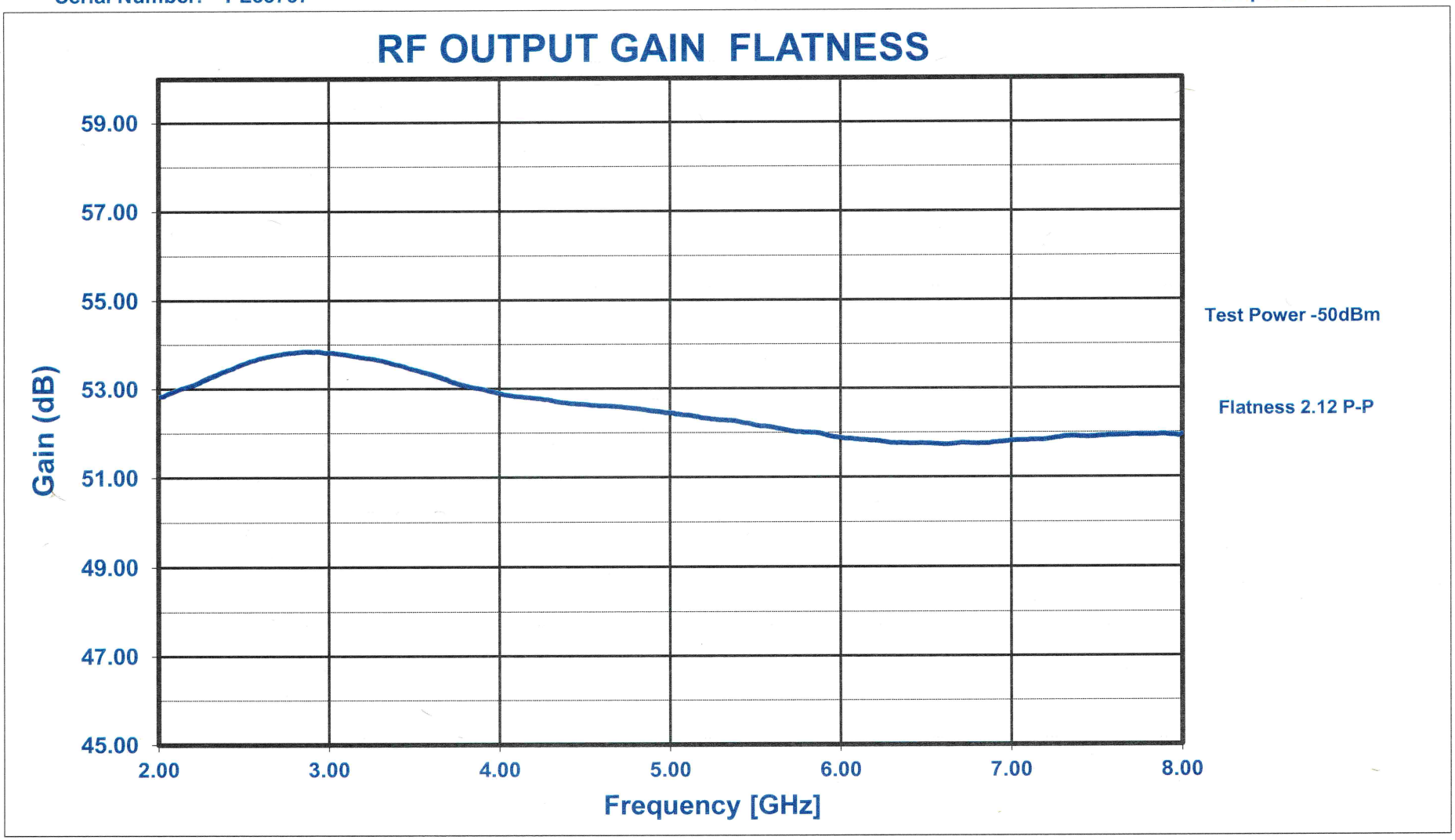
-65dBm mV-Out	
321	Max
257	Min





Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53797

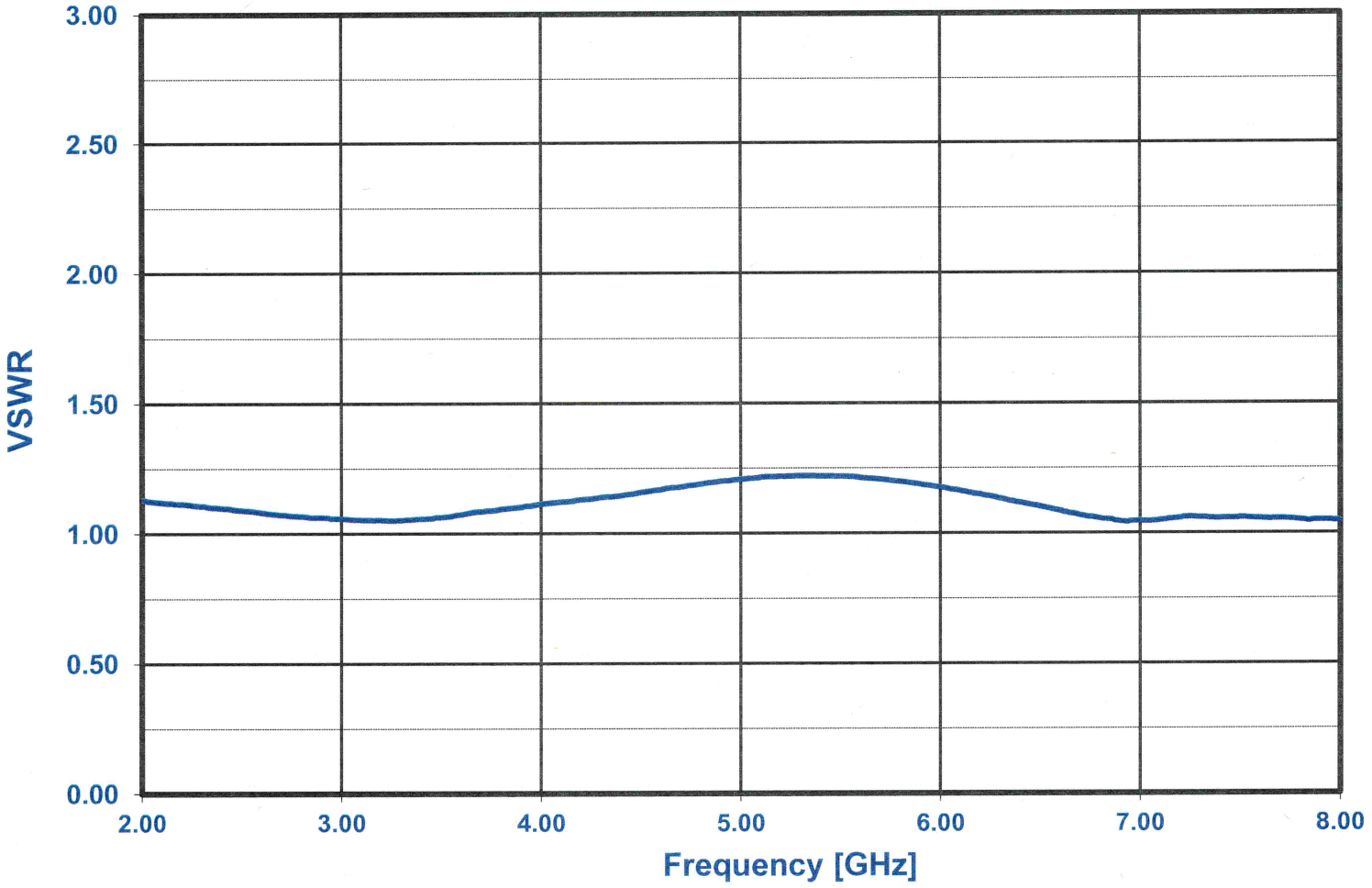
Temperature: +25C



Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53797

Temperature: +25C

RF INPUT VSWR GRAPH



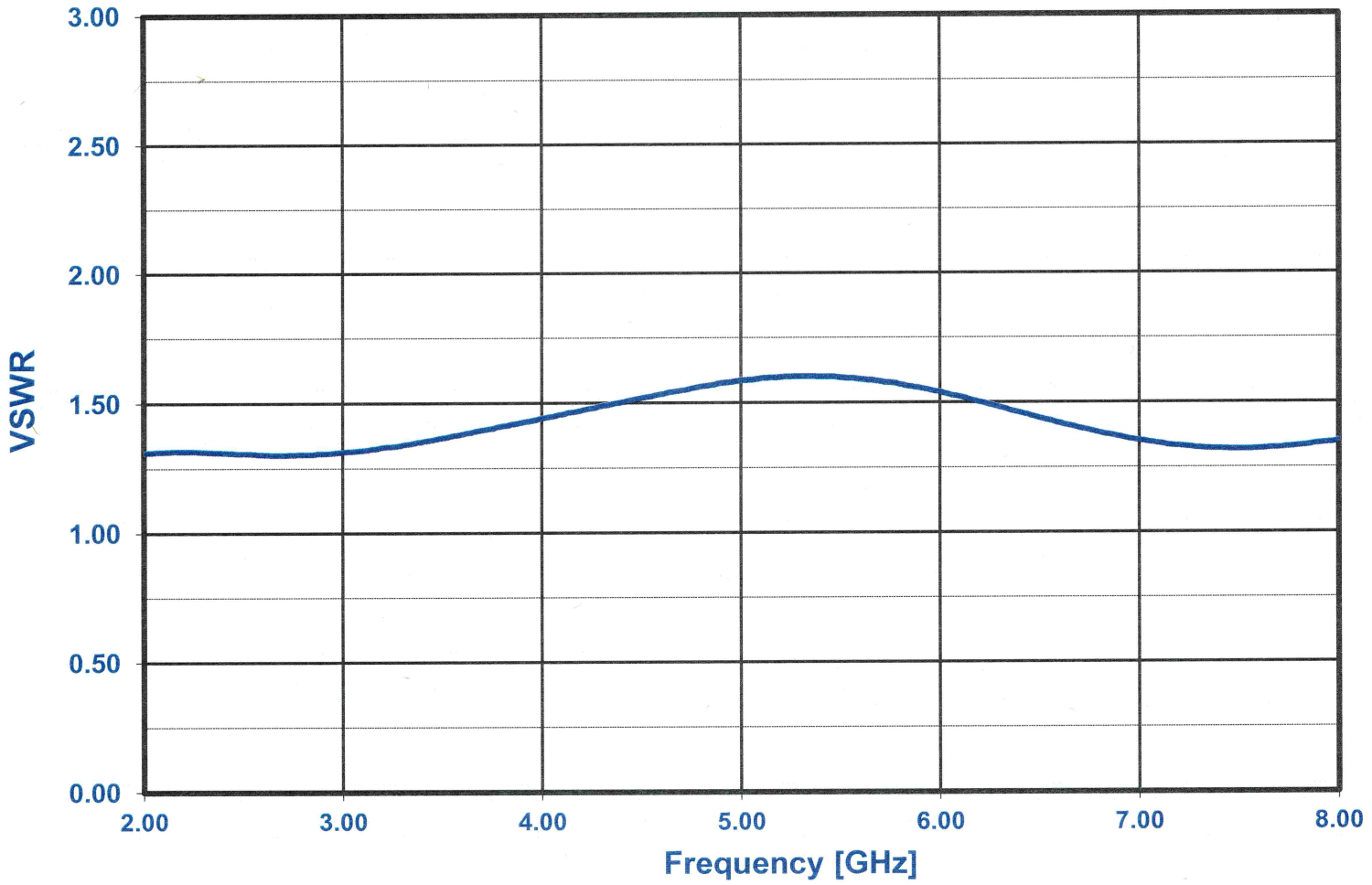
@ -20dBm

Input 1.22:1 Max

Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53797

Temperature: +25C

BIT INPUT VSWR GRAPH



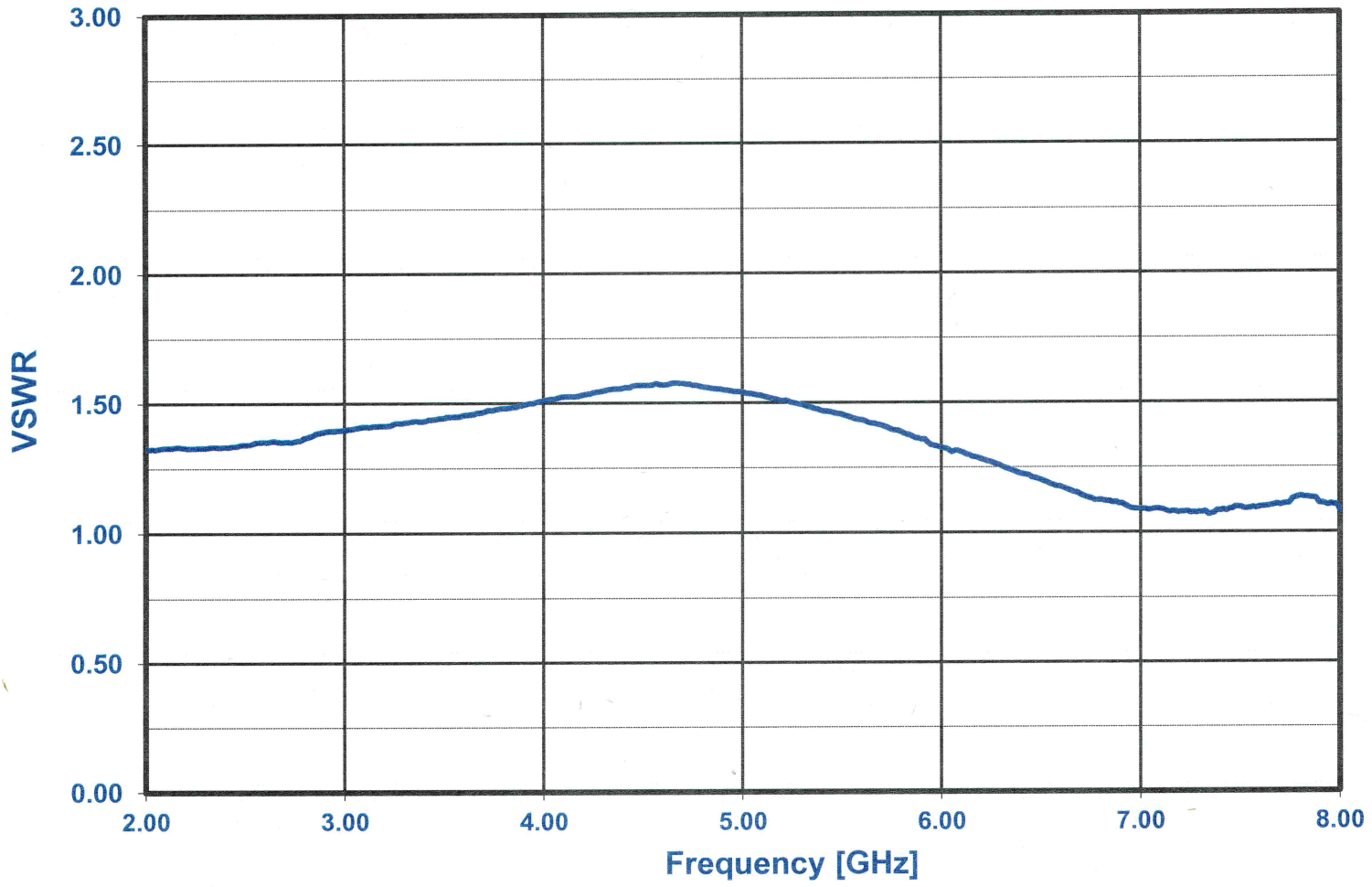
@ -20dBm

Input 1.60:1 Max

Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53797

Temperature: +25C

RF OUTPUT VSWR GRAPH



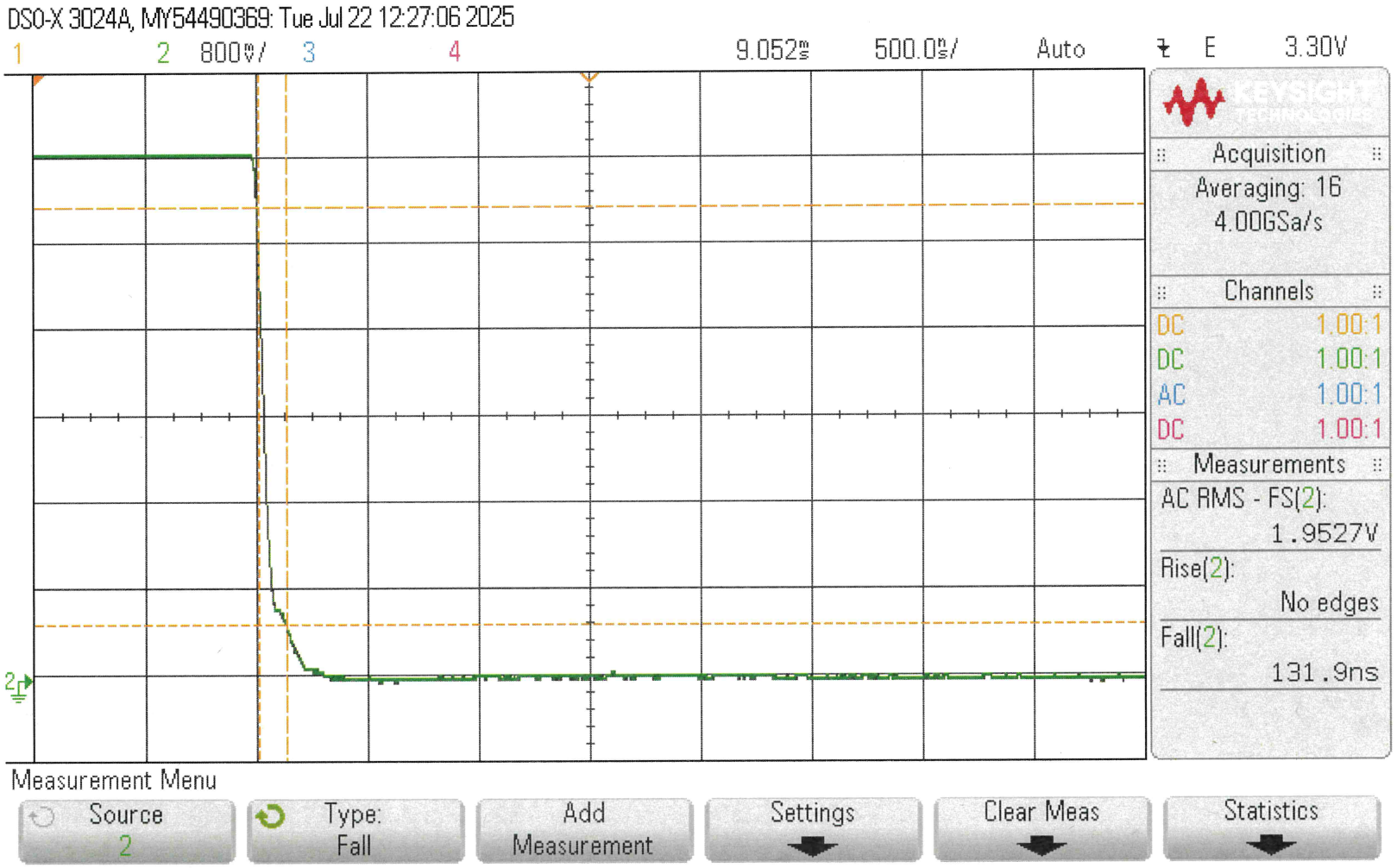
@ -20dBm

Input 1.58:1 Max

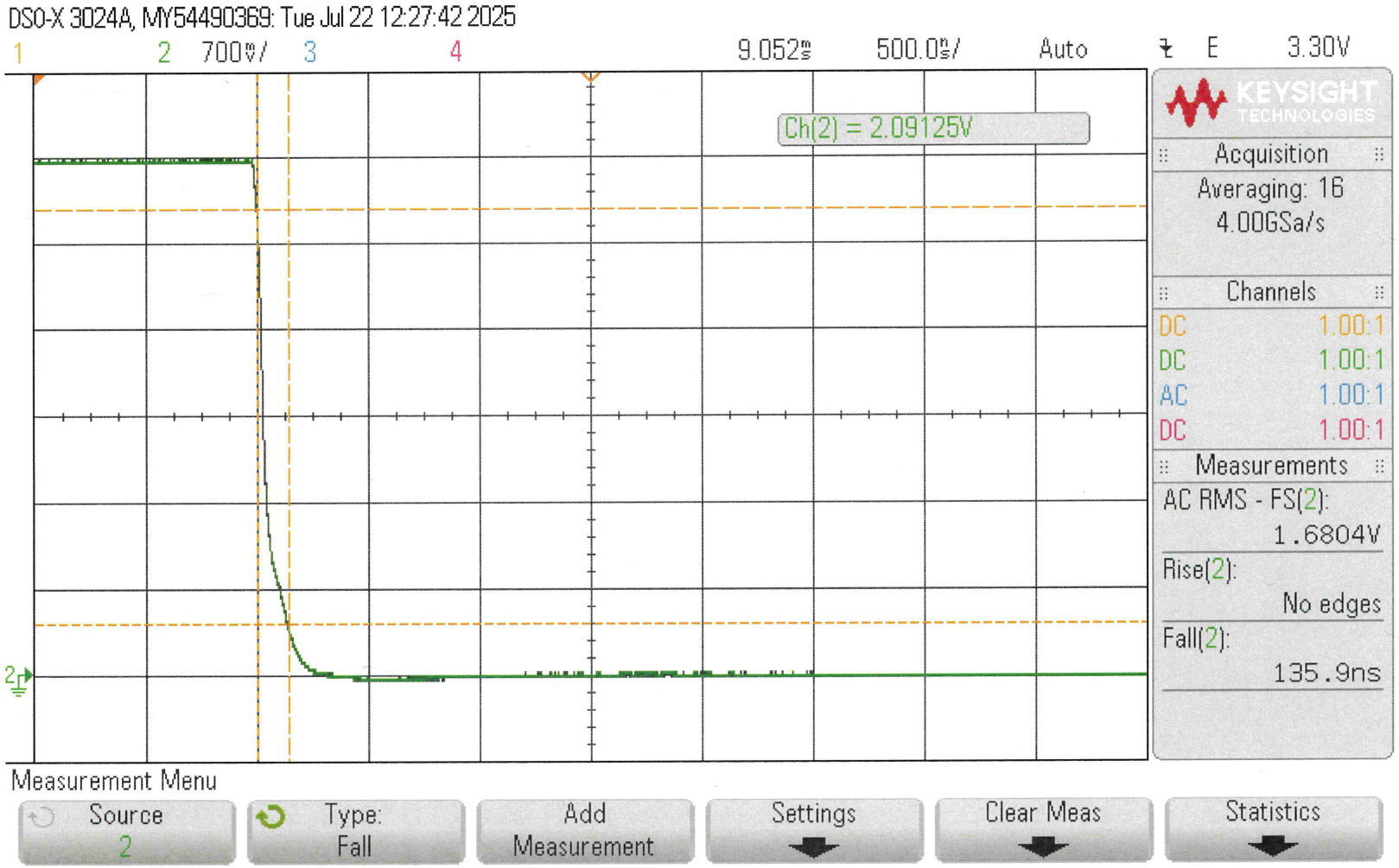
PL 53797

Recovery/ Fall

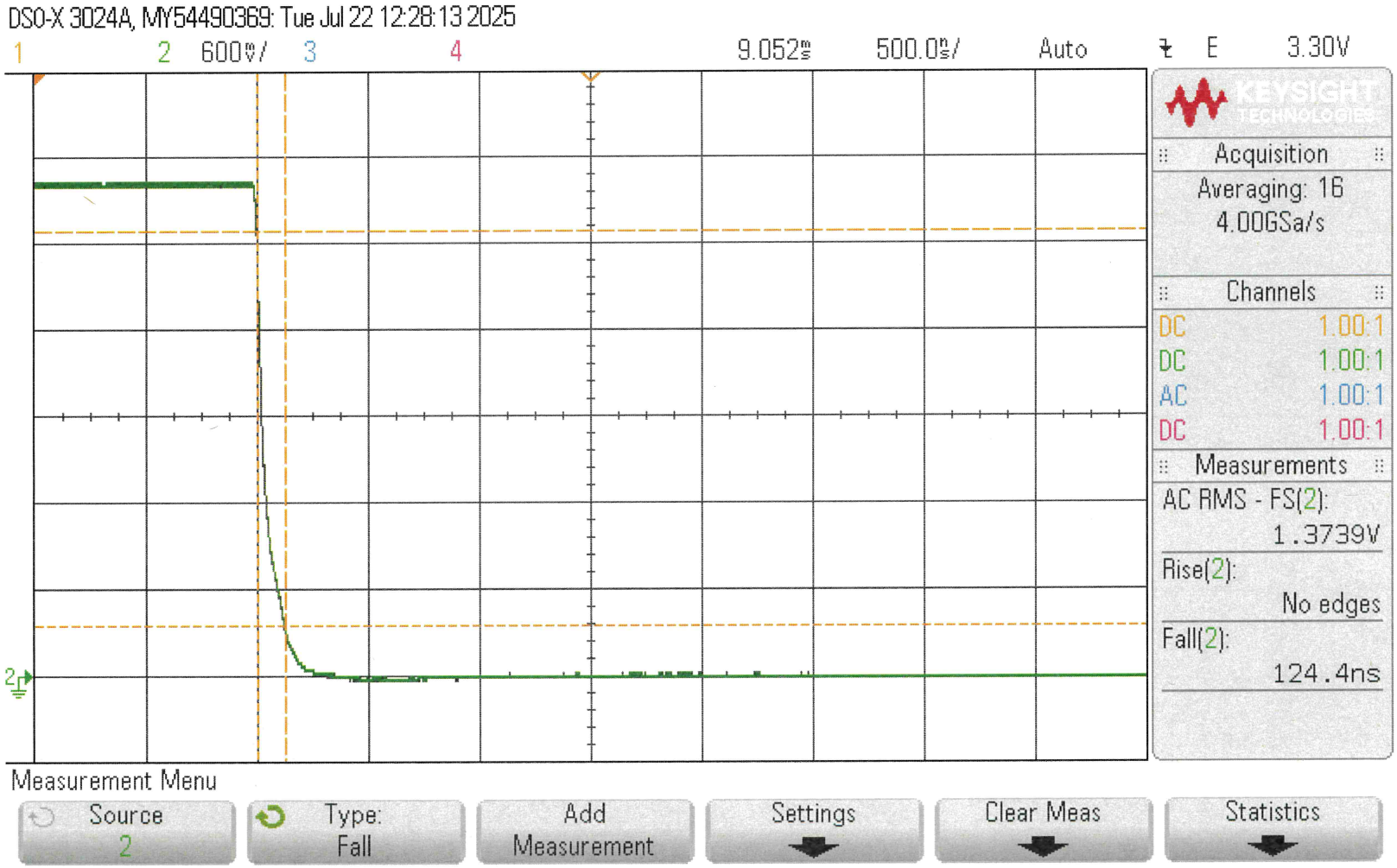
odbm



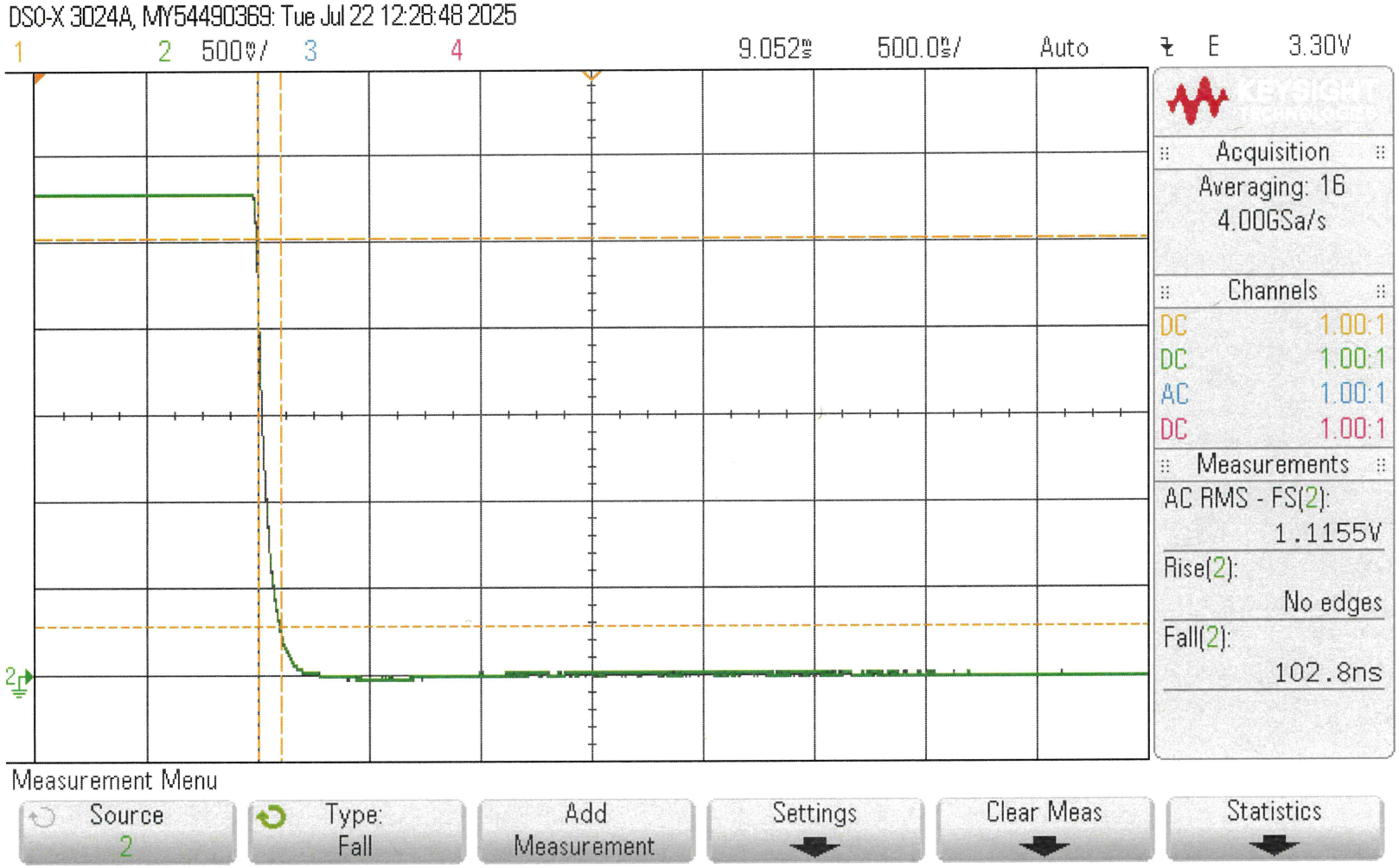
PL53797
Recovery/Fall -10dbm



PL53797
Recovery/Fall -20dbm

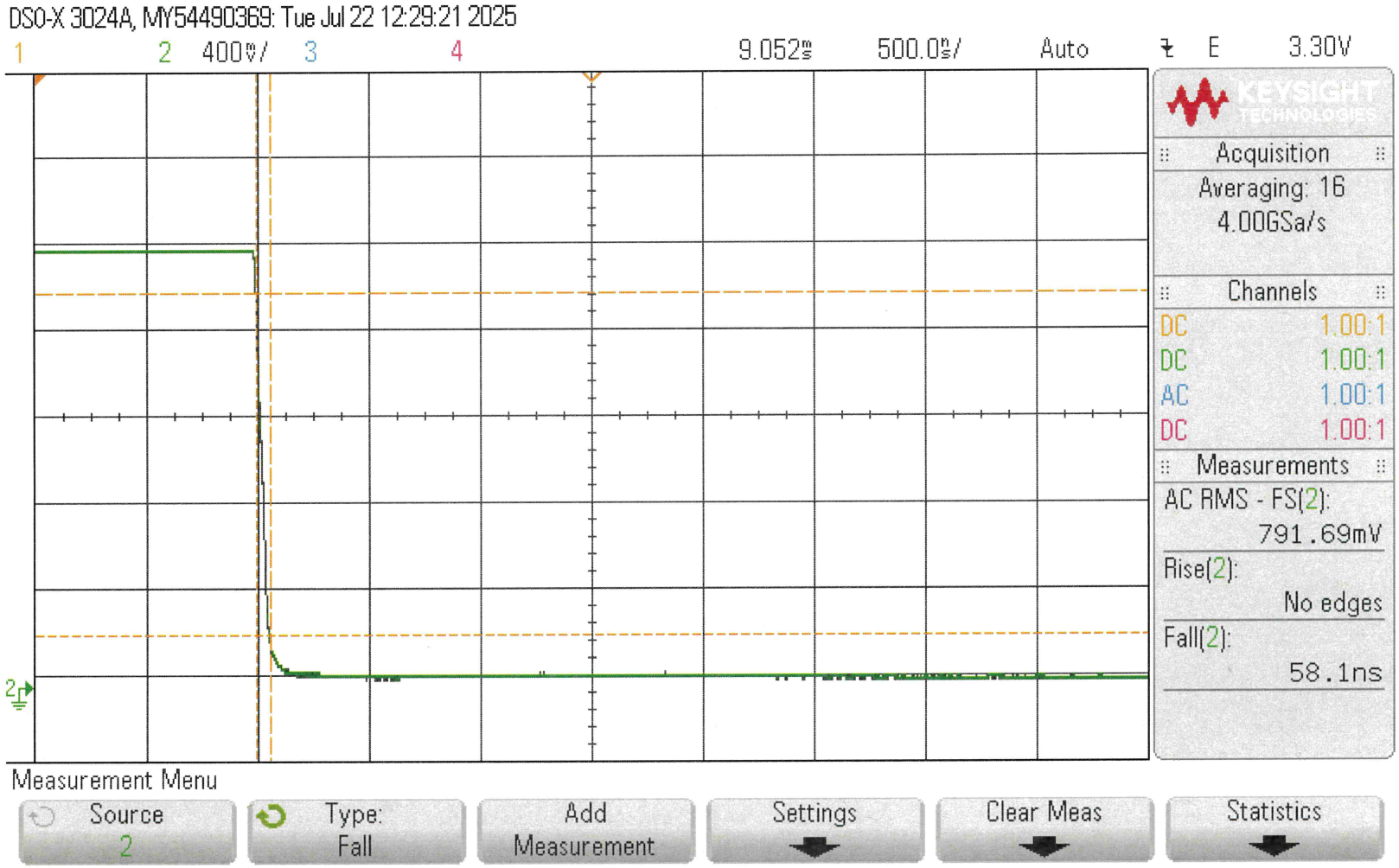


PL53797
Recovery/Fall -30dbm

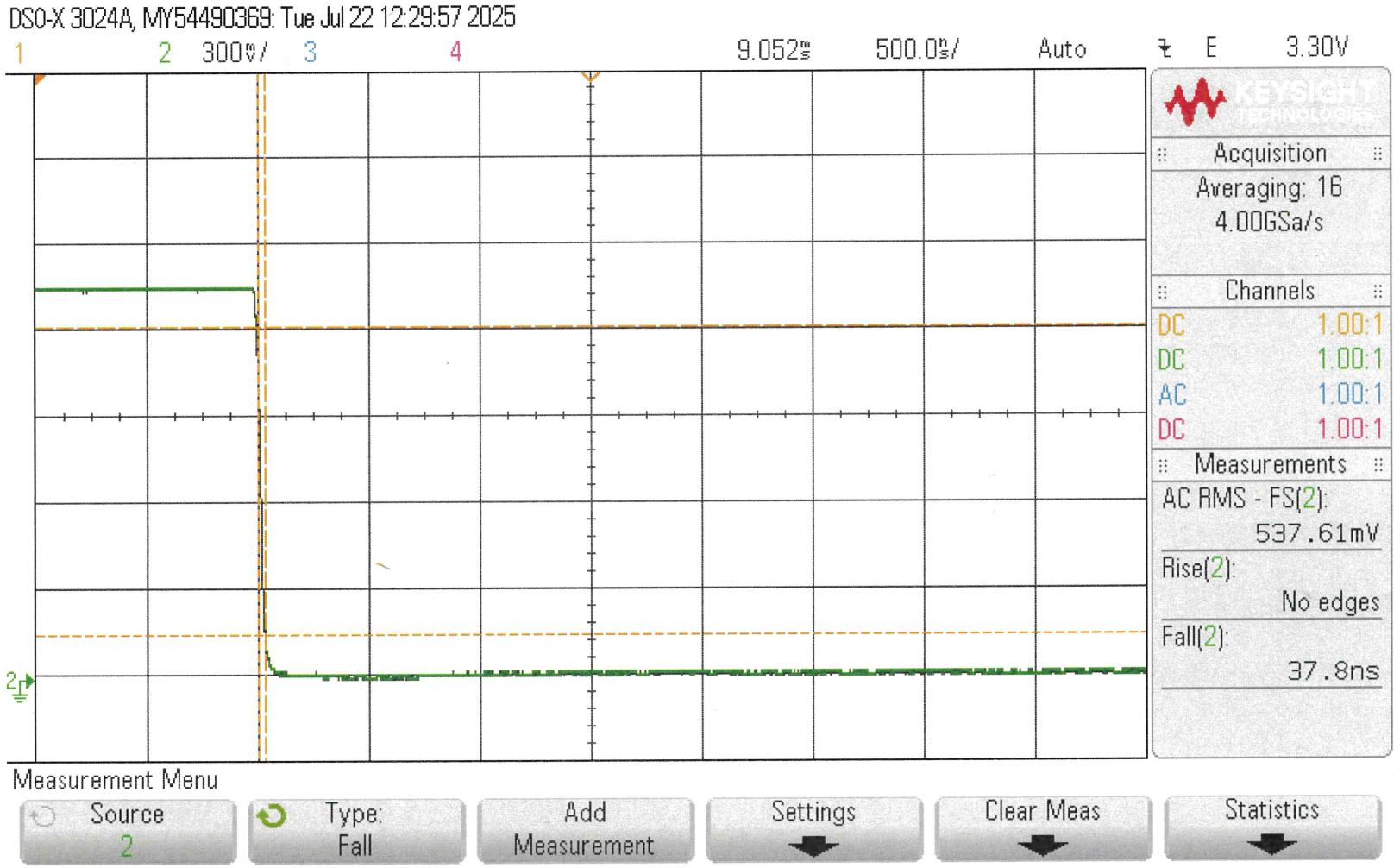


PL53797

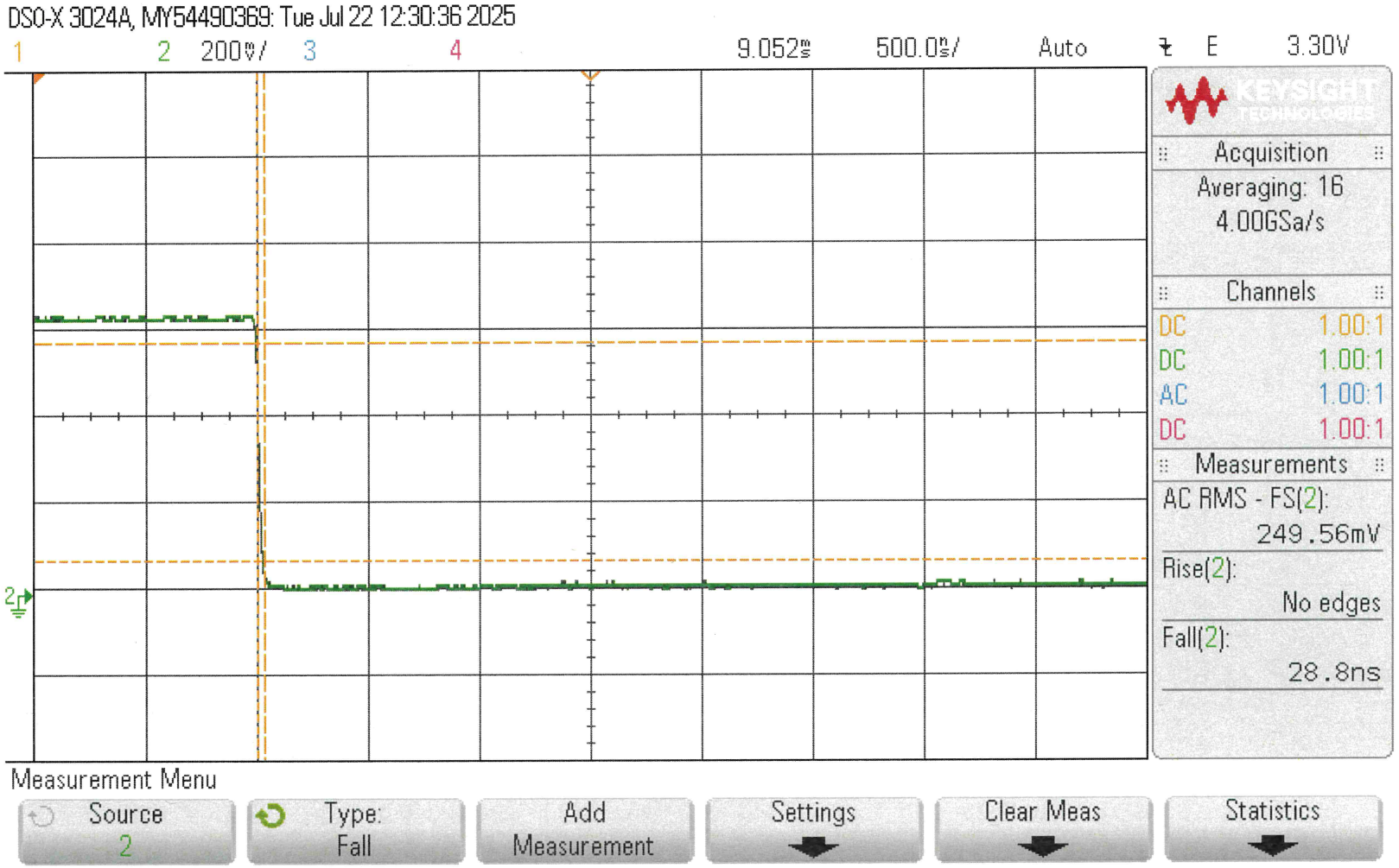
Recovery/Fall -40dbm



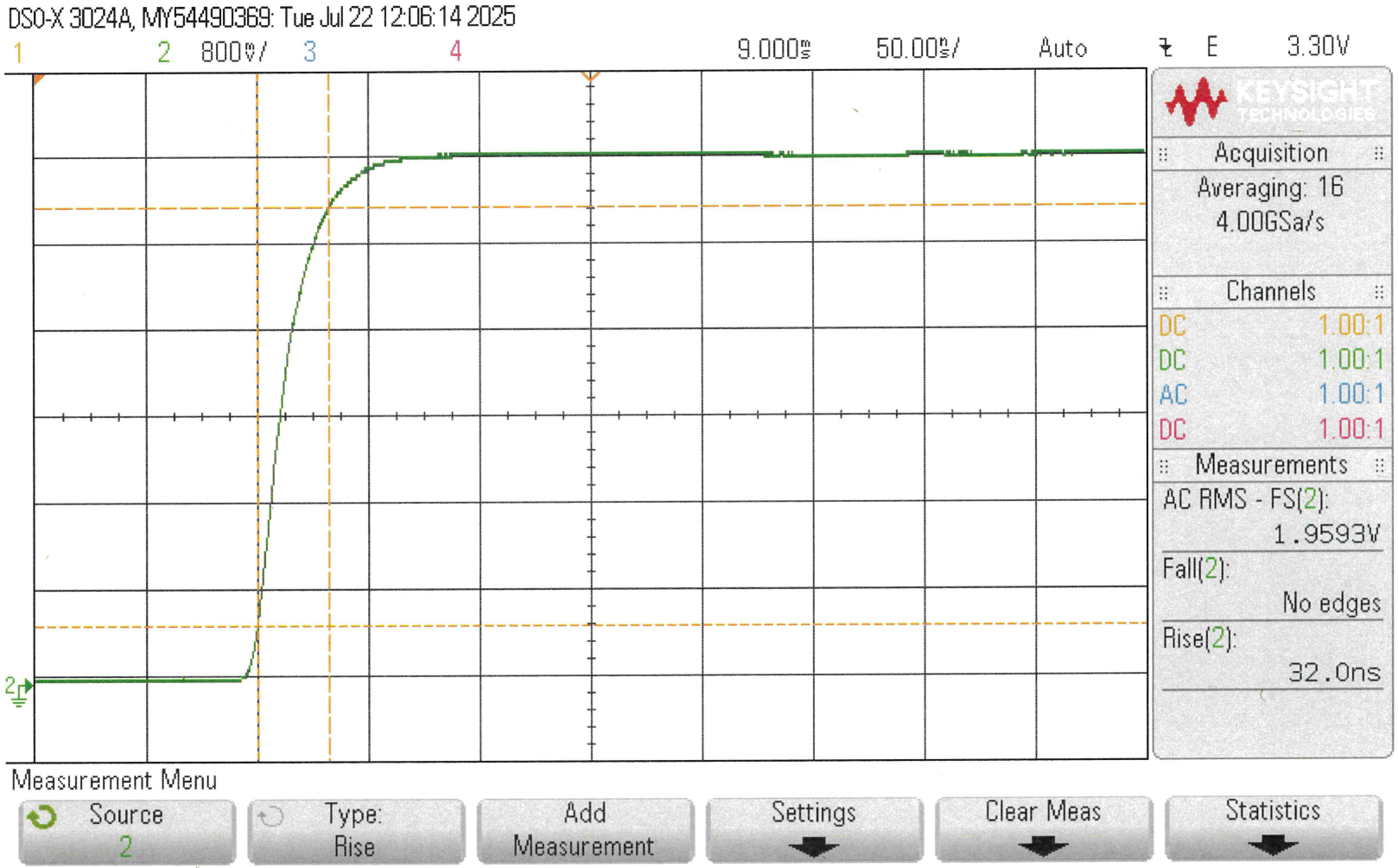
PL53797
Recovery/Fall - 50 dbm



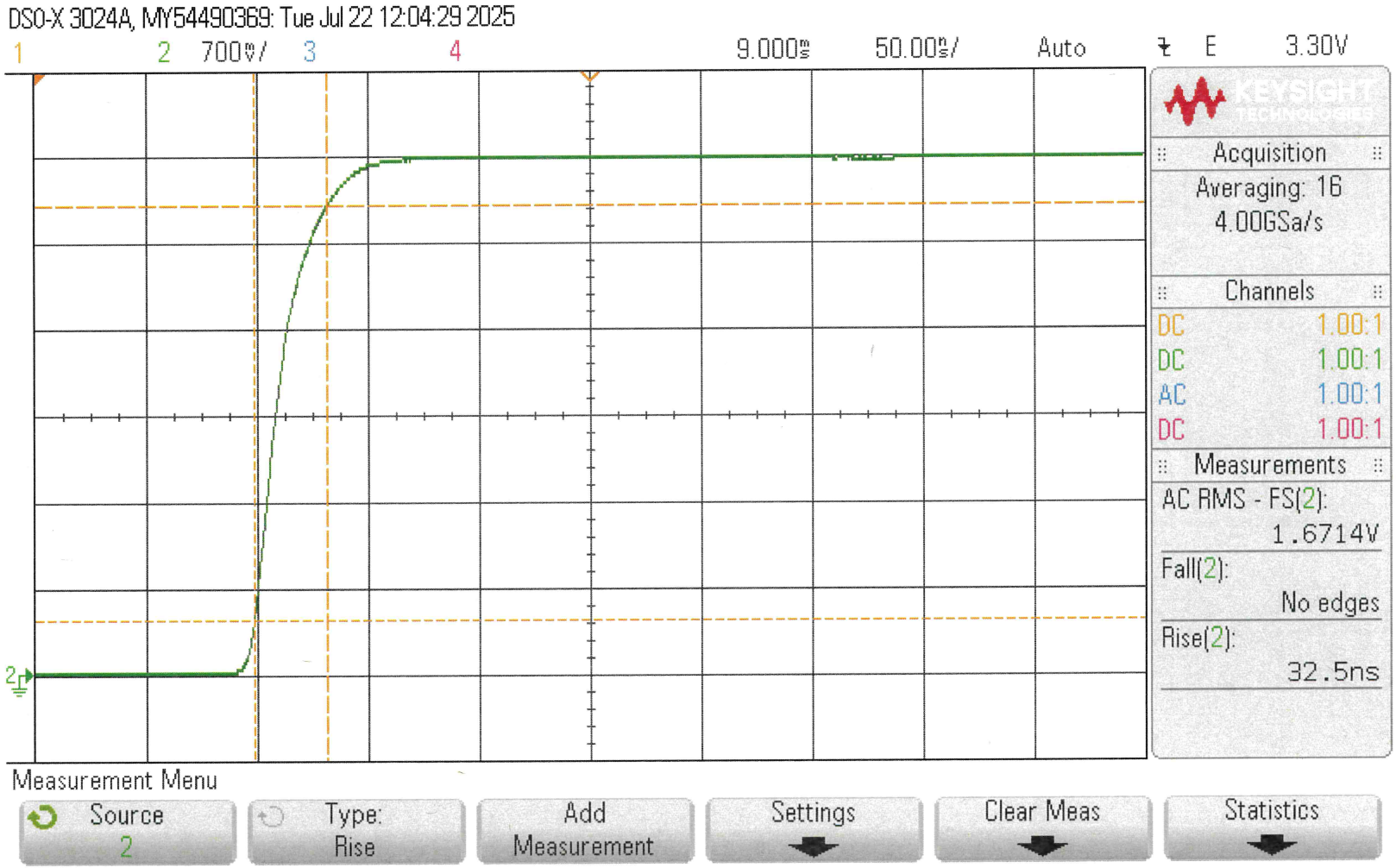
PL53797
Recovery/ Fall -60dbm



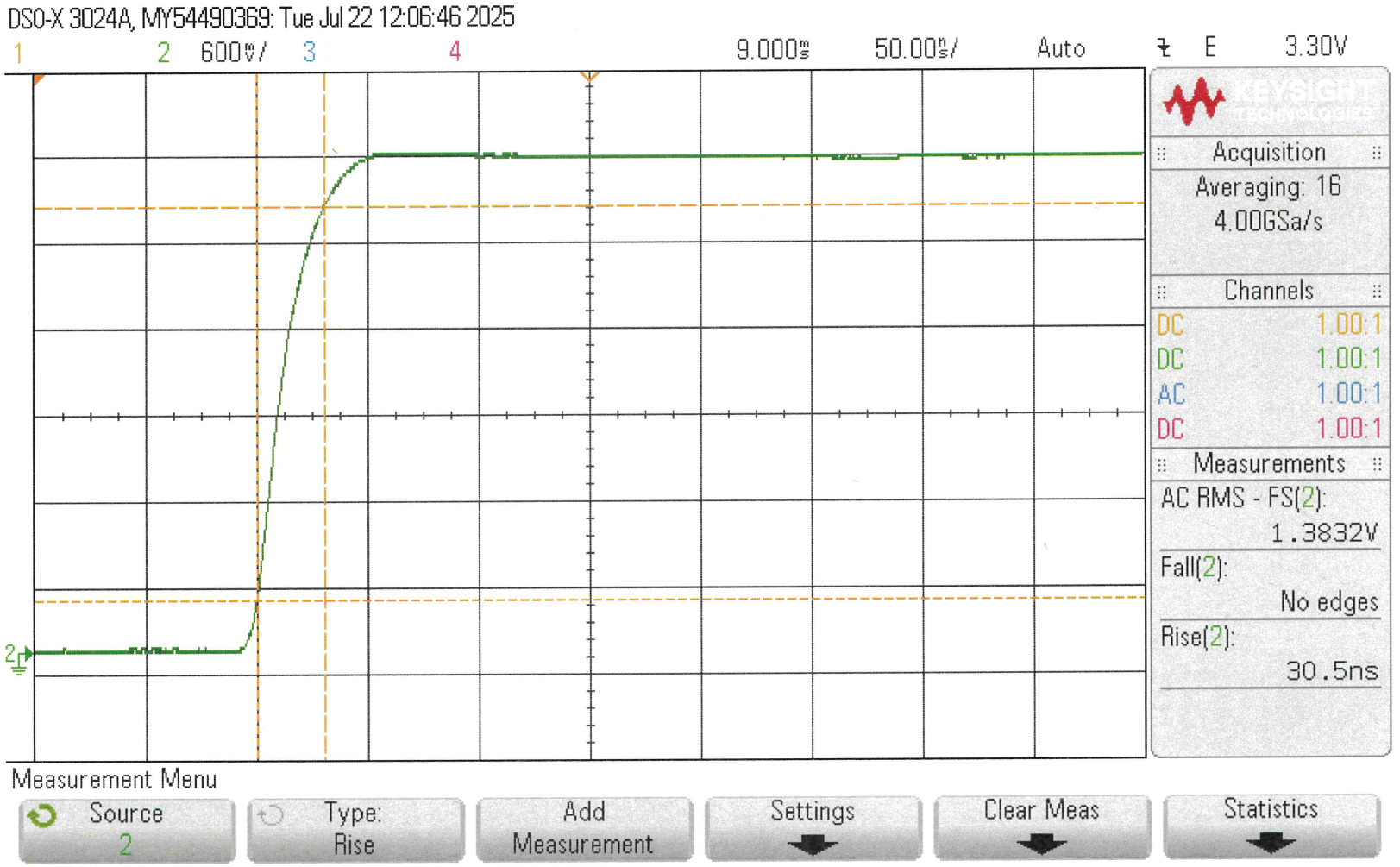
PL53797
settle / Rise 0dbm



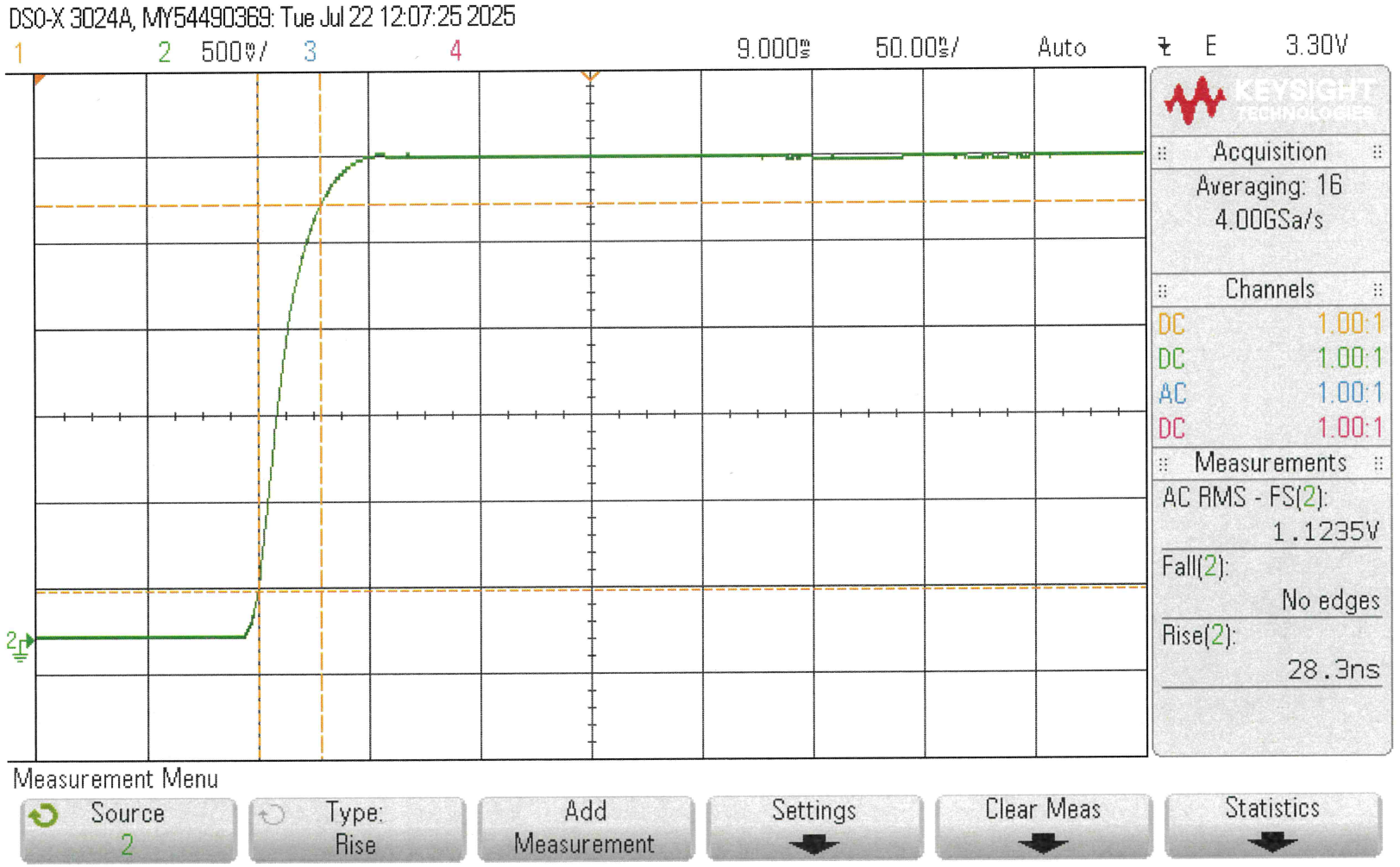
PLS3797
settle / Rise -10 dbm



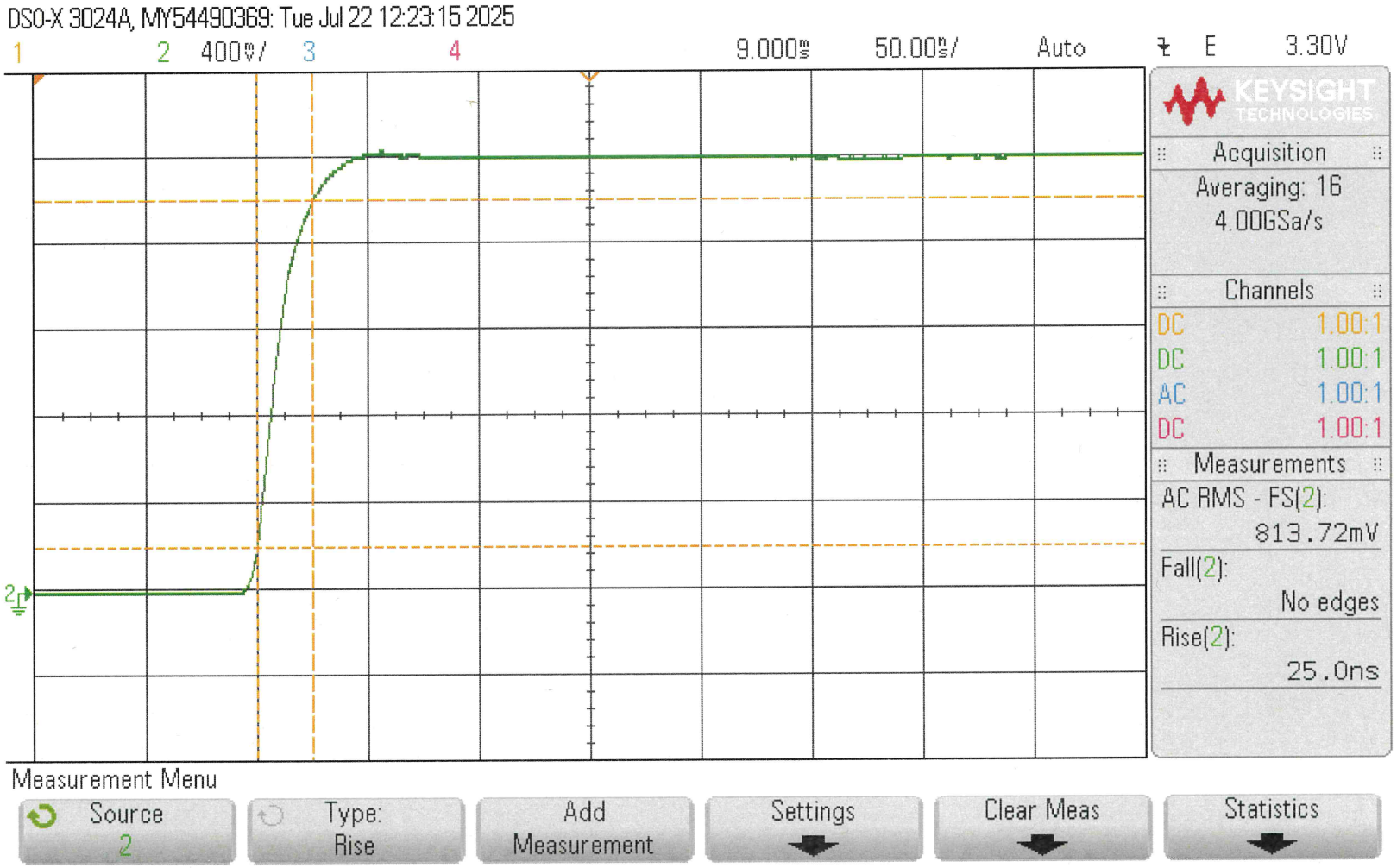
PL53797
settle/Rise -20dbm



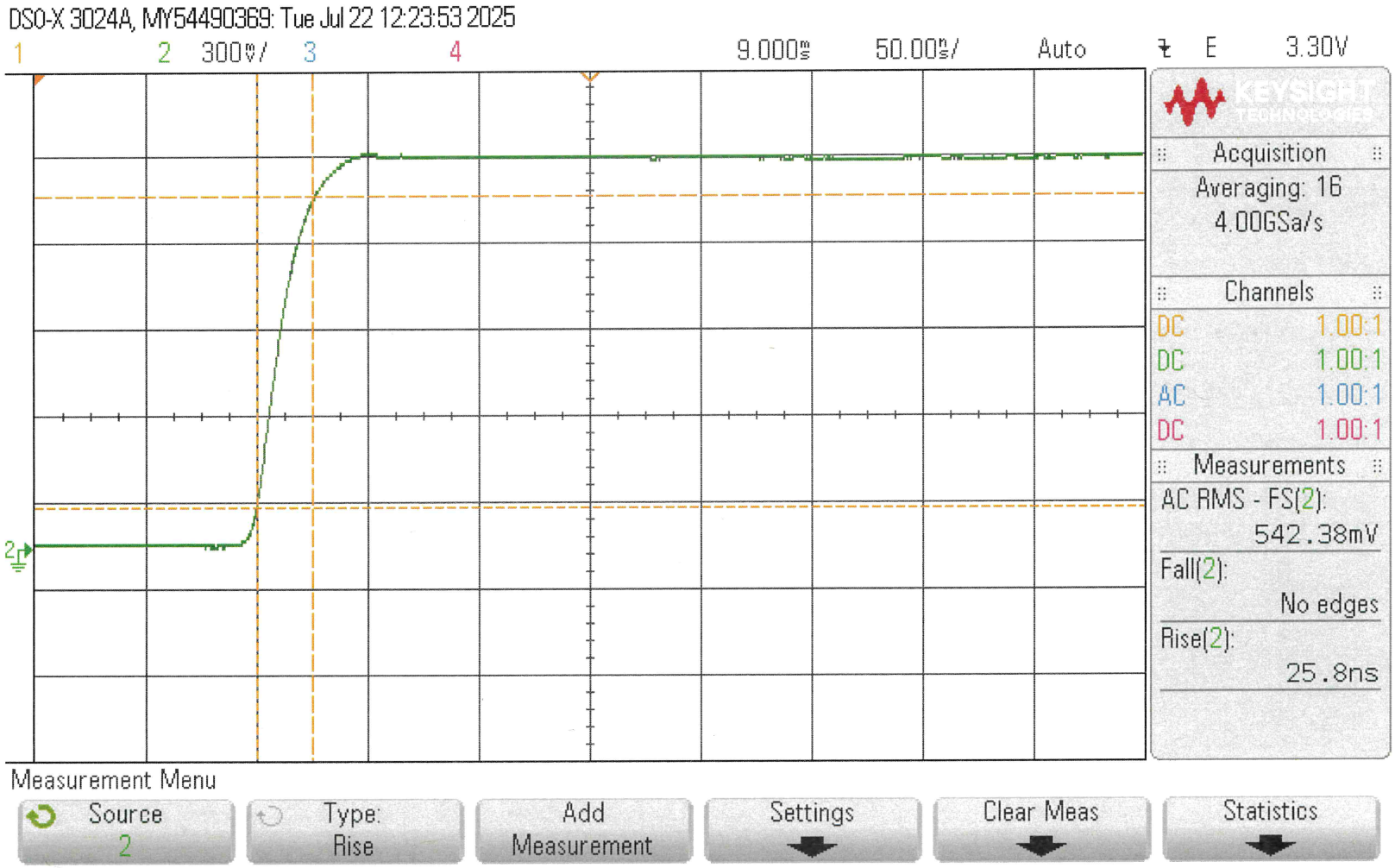
PL 53797
settle/Rise -30dbm



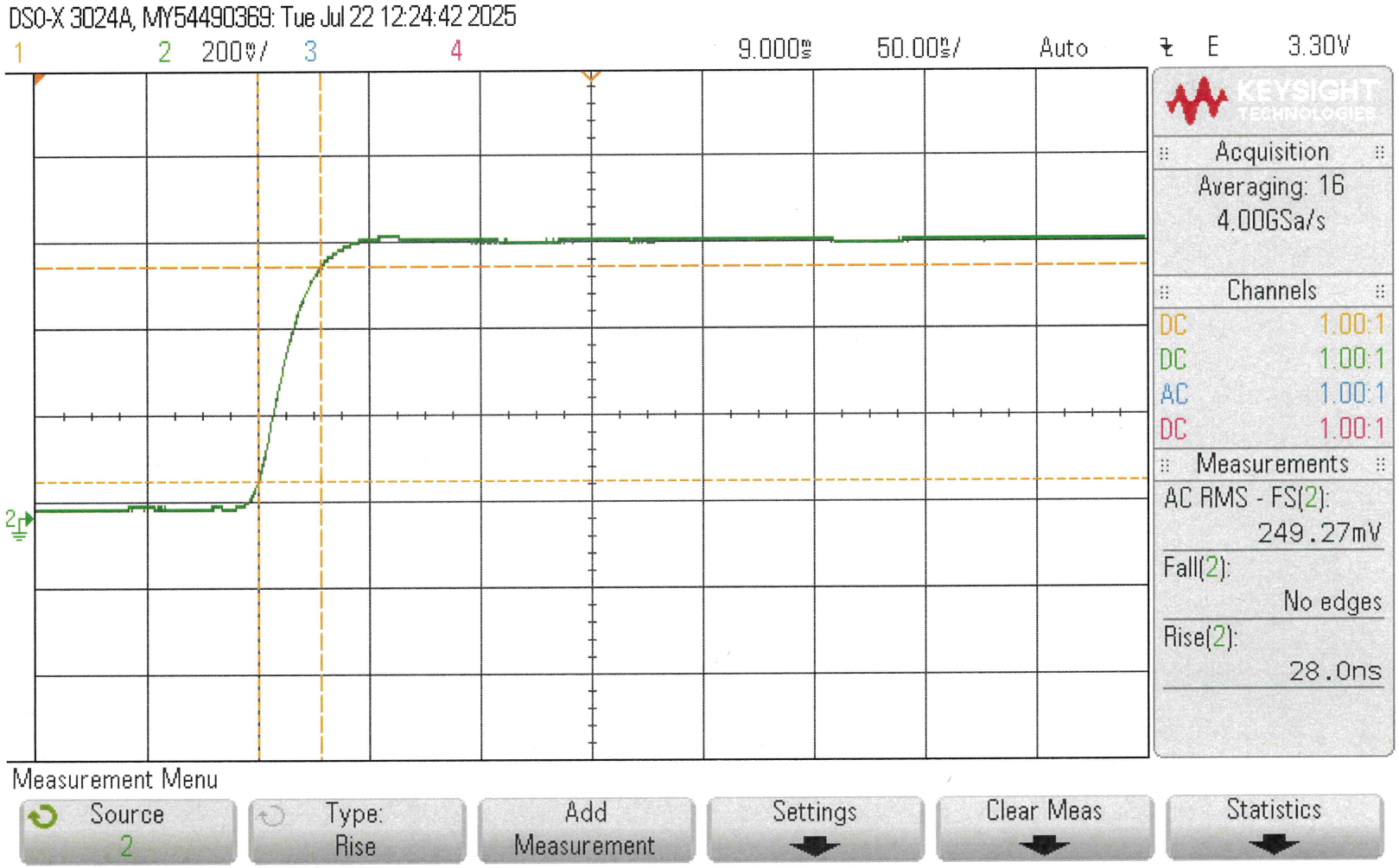
PL53797
settle / Rise - 40dbm



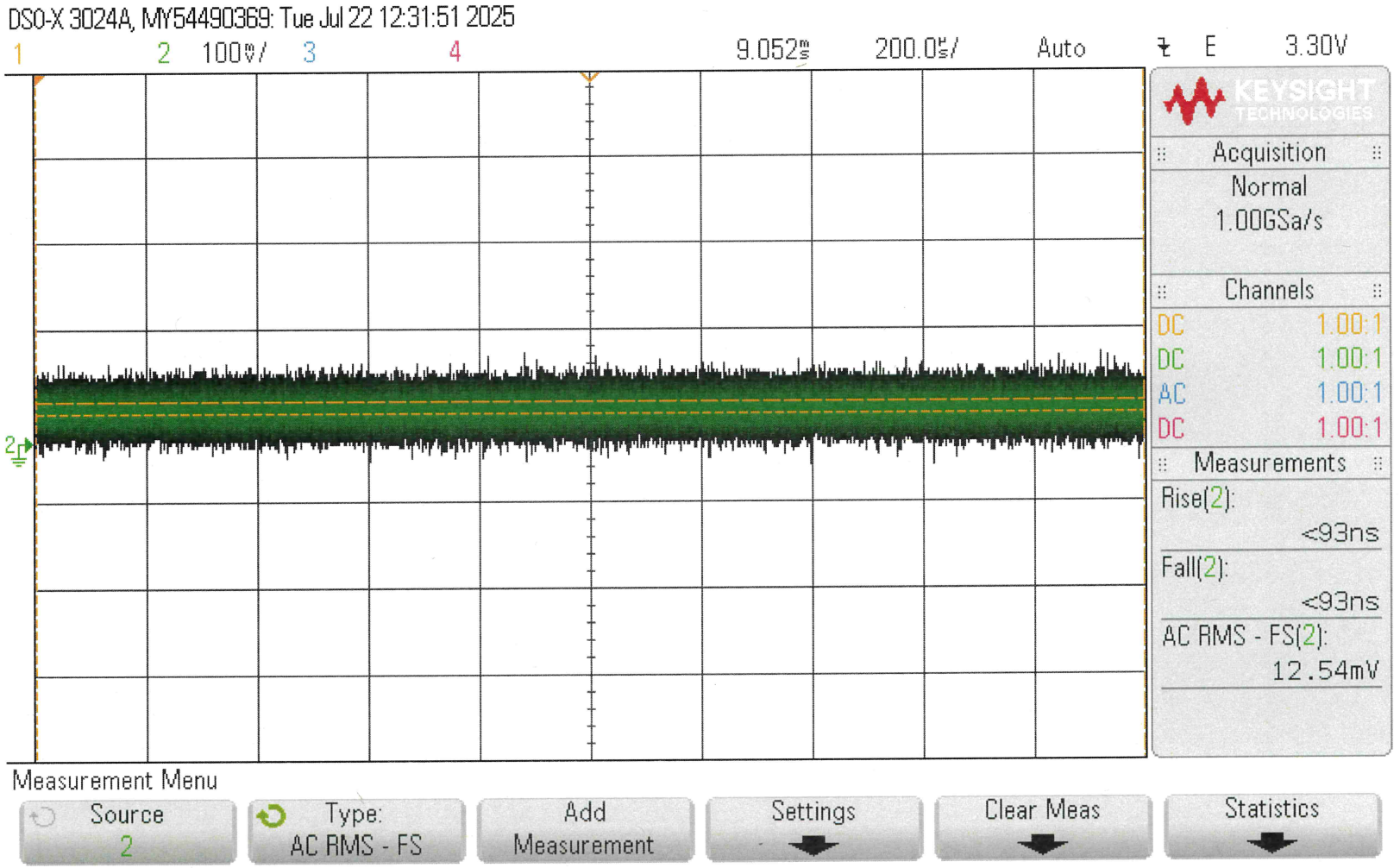
PL53797
settle/ Rise -50 dbm



PL53797
settle / Rise -60dbm

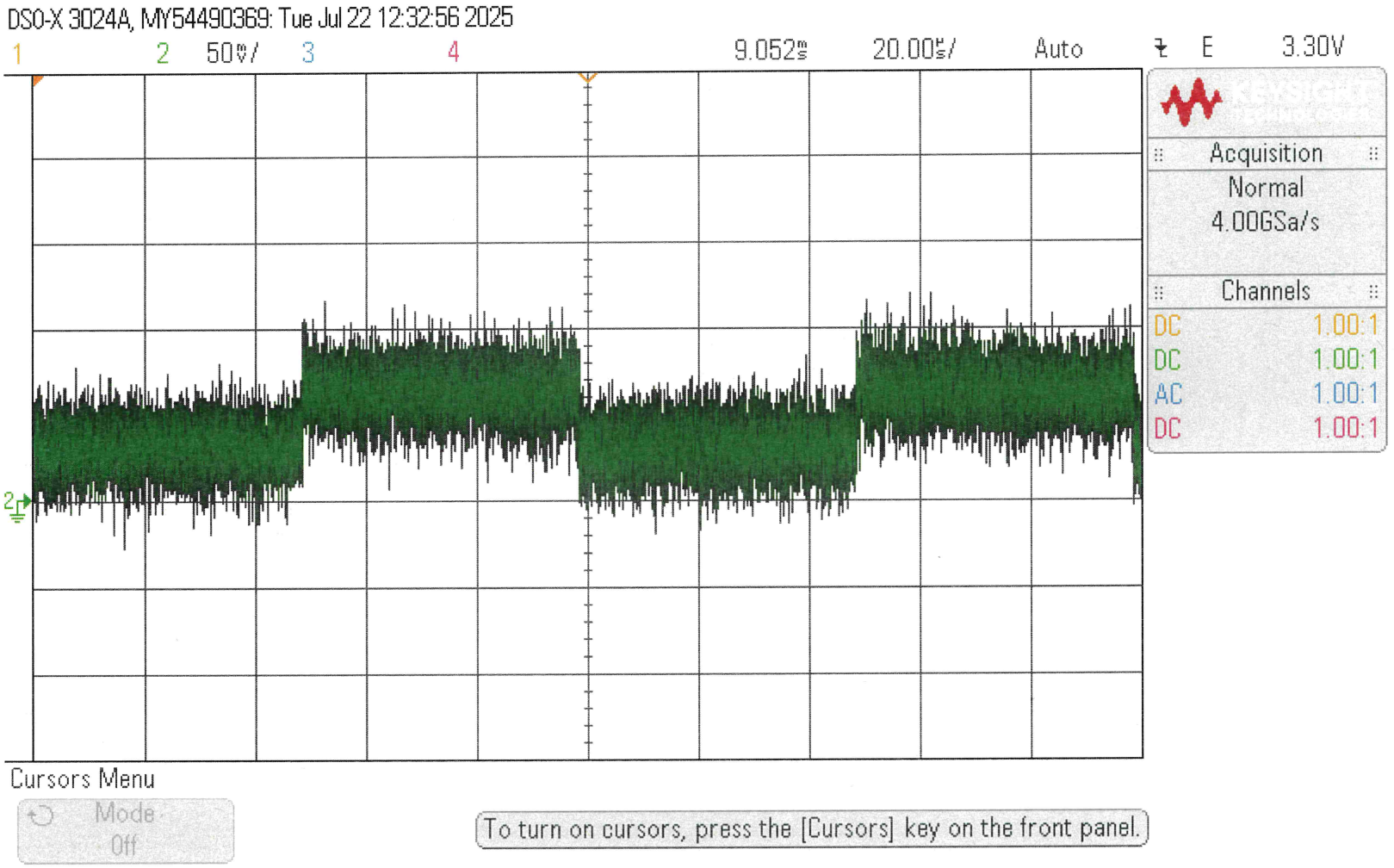


PL 53797
RMS noise

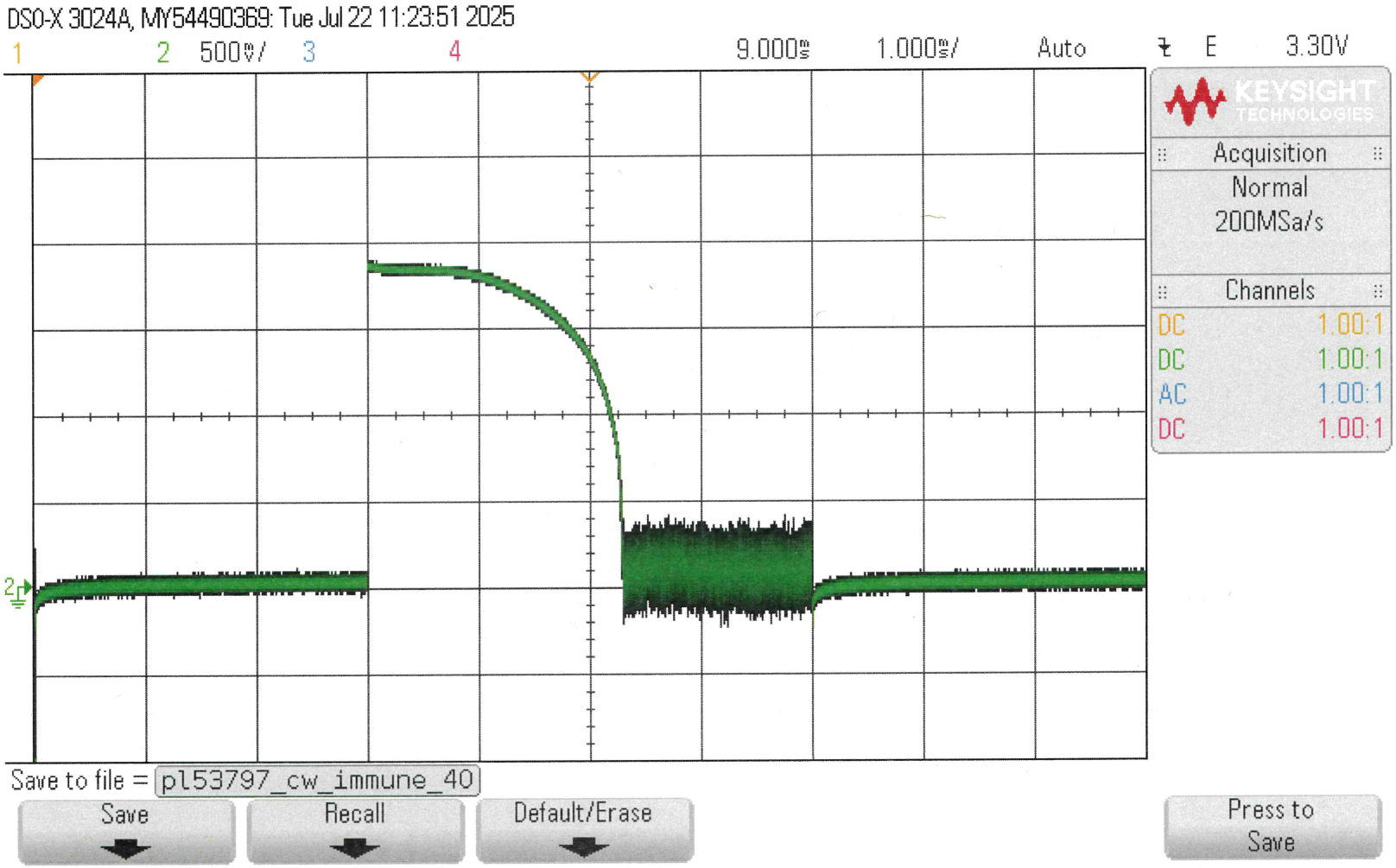


PL53797

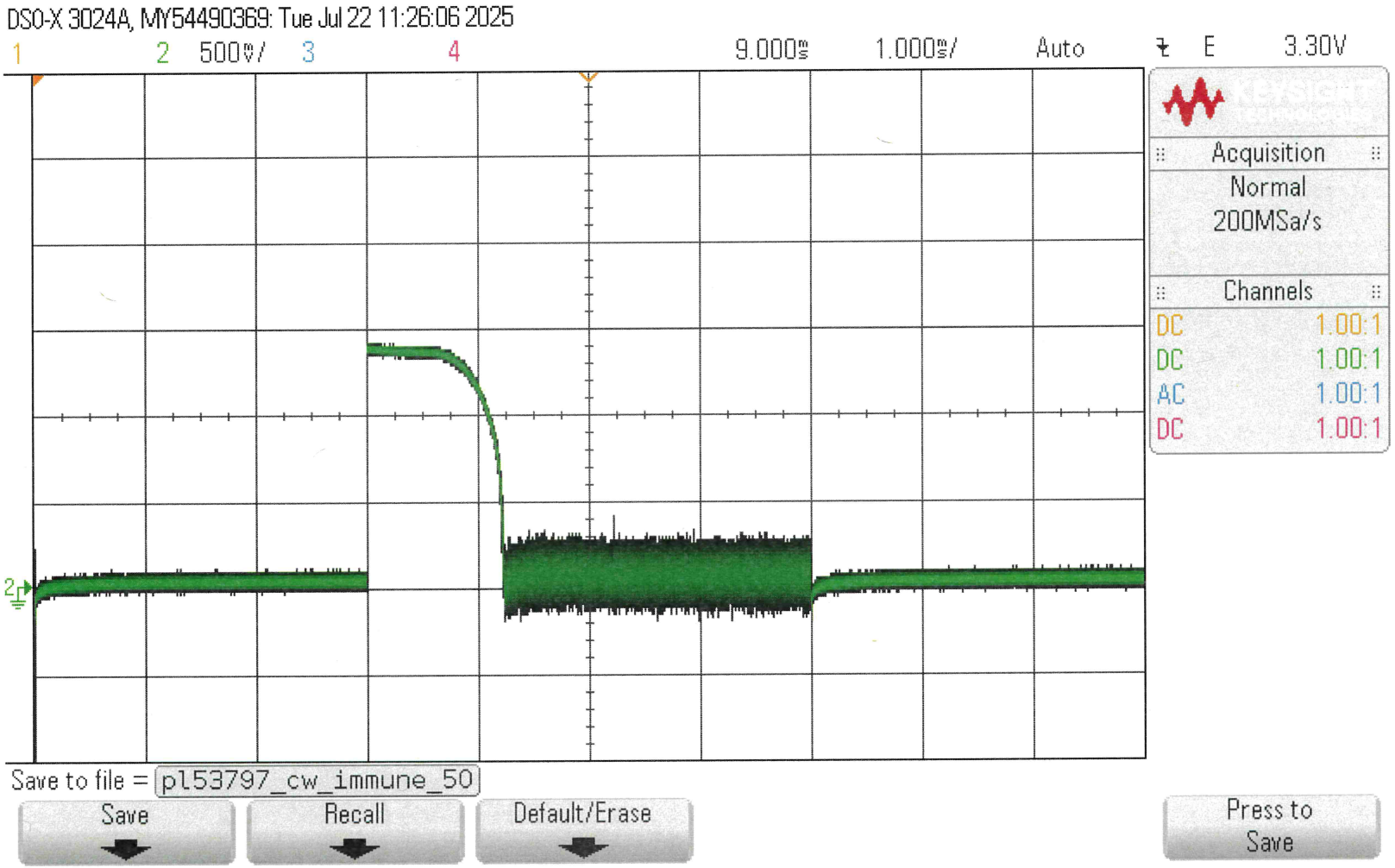
TSS -74



PL 53797
CW Immune Recovery
-40dBm



PL53797
CW Immune -50 dbm



PL53797
CW Immune -60dbm