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: PL53798/2537

Tested By: Jim Hopson
Temperature: +25°C,+85C, -10C
Date 9/10/2025
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**	PMI QA3
2	I/O VSWR:	2.3:1 Max	**1.28:1/1.57:1**	
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**	
6	Linear RF Gain	+50 dB Min +55 dB Max	**53.8/52.0dB**	
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	**±.9 dB**	
9	1 dB Compression	+10 dBm Min	**13.5dBm**	
10	Saturated Power	+20 dBm Max	**17.0dBm**	
11	Second Harmonic	-10 dBc Min	**19dBc**	
12	Third Harmonic	-15 dBc Nom	**30dBc**	

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

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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
13	TSS:	-71 dBm	**-73dBm**	PMI QA3
14	Dynamic Range:	-65 to 0 dBm	**-65 to 0 dBm**	
15	Log Slope:	70 mV/dB ±3 mV/dB	**69.40/70.84mV/dB**	
16	Log Linearity:	±1.0 dB Max	**.48/-.46dB**	
17	Log Accuracy @ 25°C:	±1.25 dB Max	**.96/-1.02dB**	
18	Absolute Log Accuracy:	±2.0 dB Max	**1.08/-1.07dB**	
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)	**27.0ns @ 0dbm- See Plots**	
21	Fall Time:	300 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	**177.5ns @ 0dbm-See Plots**	
22	Settling Time:	50 ns Max (From 10% to within 70 mV of final value @ -40 & -10 dBm)	**<60ns See Plots**	
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	**±.67 dB Max @ 25°C**	
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	**332/262mV**	PMI QA3
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	**13.16mV**	
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	**2.3ms**	
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: K. Haunsy [signature] **Date:** 9-11-25

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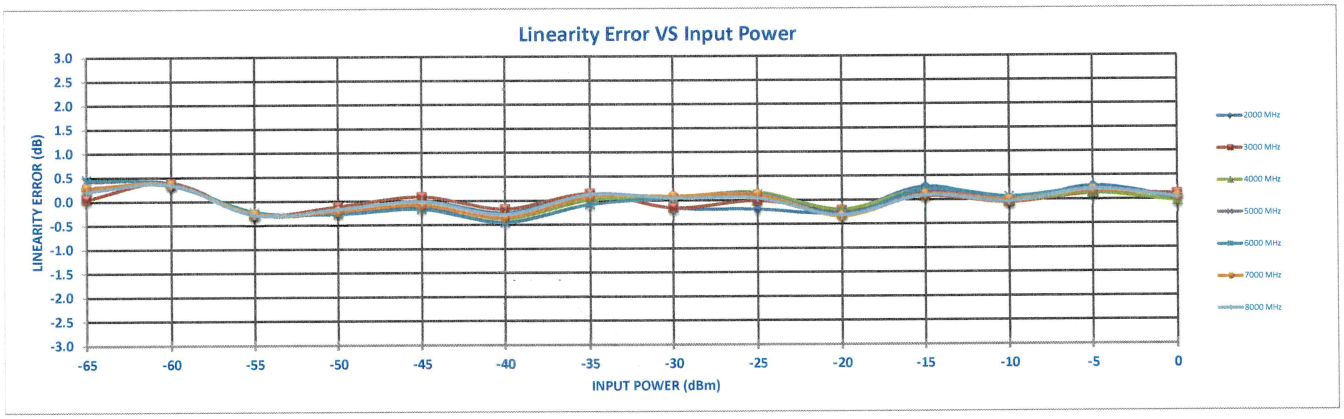
LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 9-10-25
SERIAL NO: PL53798 RF

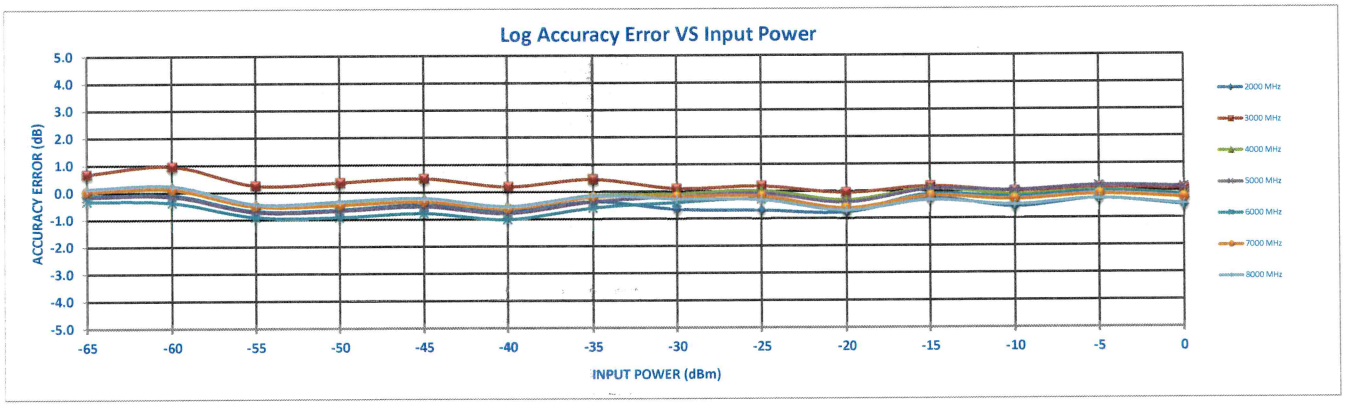
Test Temp: +25C

DC Offset= 0.048

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)	4803.3	276	629	938	1292	1655	1987	2363	2693	3041	3386	3773	4102	4473	4806	Measured Value (mV)
	SLOPE (mV/dB)	69.96	20	23	-17	-13	0	-18	8	-11	-13	-18	19	-2	19	3	Error (mV)
			0.29	0.33	-0.25	-0.19	0.00	-0.26	0.12	-0.16	-0.19	-0.26	0.27	-0.02	0.28	0.04	LINEARITY ERROR (dB)
			-0.13	-0.09	-0.69	-0.64	-0.47	-0.73	-0.37	-0.66	-0.70	-0.78	-0.27	-0.57	-0.28	-0.54	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4839.9	332	703	1004	1362	1723	2052	2421	2747	3104	3437	3804	4142	4502	4848	Measured Value (mV)
	SLOPE (mV/dB)	69.40	3	27	-19	-8	6	-12	10	-11	-1	-15	5	-4	9	8	Error (mV)
			0.05	0.39	-0.27	-0.11	0.09	-0.17	0.15	-0.16	-0.01	-0.21	0.07	-0.06	0.13	0.12	LINEARITY ERROR (dB)
			0.67	0.96	0.25	0.36	0.50	0.20	0.46	0.11	0.20	-0.06	0.18	0.00	0.13	0.06	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4836.8	288	649	954	1309	1671	2001	2379	2734	3092	3418	3798	4133	4495	4834	Measured Value (mV)
	SLOPE (mV/dB)	70.24	17	27	-19	-16	-5	-26	1	4	11	-14	15	-1	9	-3	Error (mV)
			0.24	0.38	-0.28	-0.22	-0.07	-0.37	0.01	0.06	0.16	-0.20	0.21	-0.02	0.13	-0.04	LINEARITY ERROR (dB)
			0.04	0.19	-0.46	-0.40	-0.24	-0.53	-0.14	-0.08	0.02	-0.33	0.09	-0.13	0.03	-0.14	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4848.4	273	625	935	1289	1650	1983	2363	2726	3085	3412	3797	4144	4507	4854	Measured Value (mV)
	SLOPE (mV/dB)	70.84	30	27	-17	-17	-10	-32	-6	3	8	-19	11	4	13	6	Error (mV)
			0.42	0.39	-0.24	-0.24	-0.15	-0.45	-0.08	0.04	0.11	-0.28	0.16	0.06	0.18	0.08	LINEARITY ERROR (dB)
			-0.17	-0.15	-0.73	-0.68	-0.54	-0.79	-0.37	-0.19	-0.08	-0.41	0.08	0.02	0.20	0.15	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4830.4	262	609	922	1272	1633	1967	2347	2711	3070	3393	3784	4127	4492	4832	Measured Value (mV)
	SLOPE (mV/dB)	70.78	32	25	-16	-19	-12	-32	-6	4	9	-22	15	4	15	2	Error (mV)
			0.46	0.36	-0.22	-0.27	-0.17	-0.46	-0.09	0.06	0.13	-0.31	0.22	0.06	0.22	0.02	LINEARITY ERROR (dB)
			-0.33	-0.38	-0.92	-0.93	-0.78	-1.02	-0.60	-0.41	-0.29	-0.68	-0.11	-0.22	-0.01	-0.17	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4822.1	287	643	950	1304	1663	1995	2375	2726	3078	3397	3779	4121	4485	4826	Measured Value (mV)
	SLOPE (mV/dB)	70.07	19	25	-18	-15	-6	-24	5	6	8	-24	8	0	13	4	Error (mV)
			0.27	0.36	-0.26	-0.21	-0.09	-0.35	0.07	0.08	0.11	-0.34	0.11	-0.01	0.19	0.06	LINEARITY ERROR (dB)
			0.03	0.10	-0.52	-0.47	-0.35	-0.62	-0.20	-0.19	-0.18	-0.63	-0.18	-0.30	-0.11	-0.25	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4806	294	652	956	1313	1672	2001	2378	2720	3068	3391	3768	4107	4473	4809	Measured Value (mV)
	SLOPE (mV/dB)	69.63	14	24	-20	-11	-1	-20	9	3	3	-22	6	-3	15	3	Error (mV)
			0.20	0.34	-0.29	-0.16	-0.01	-0.28	0.13	0.04	0.04	-0.32	0.09	-0.04	0.22	0.04	LINEARITY ERROR (dB)
			0.13	0.23	-0.43	-0.34	-0.22	-0.53	-0.16	-0.28	-0.32	-0.71	-0.34	-0.50	-0.28	-0.49	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.50	0.67	0.58	0.64	0.64	0.61	0.53	0.38	0.45	0.36	0.26	0.30	0.24	0.34	
	-65dBm mV-Out		332	Max													
			262	Min													





LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 9-10-25
SERIAL NO: PL53798 BIT

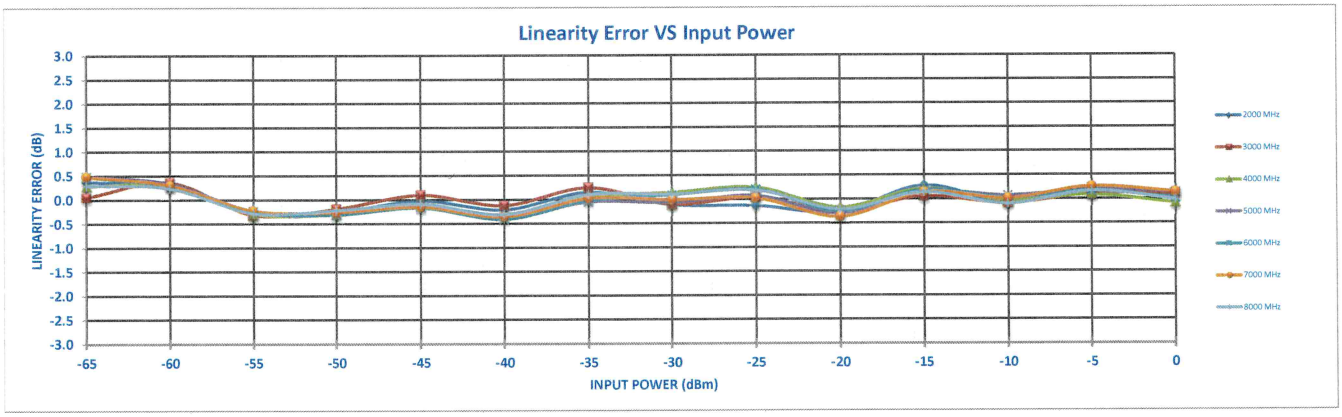
Test Temp: +25C

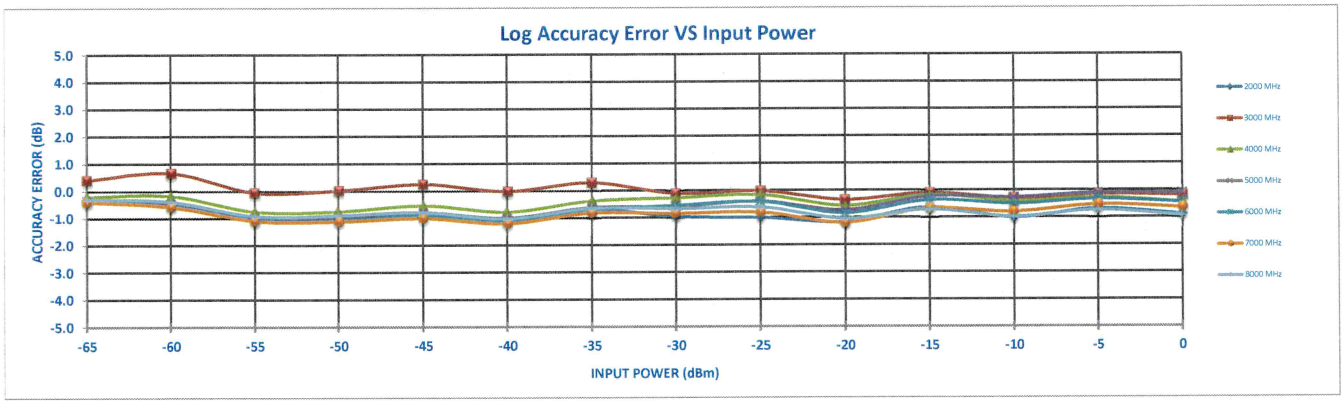
DC Offset= 0.041

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)	4778.8	262	604	915	1266	1632	1968	2343	2674	3022	3362	3750	4074	4447	4783	Measured Value (mV)
	SLOPE (mV/dB)	69.89	26	19	-20	-18	-2	-15	10	-8	-9	-19	20	-6	18	4	Error (mV)
			0.38	0.27	-0.28	-0.26	-0.02	-0.22	0.15	-0.11	-0.14	-0.27	0.28	-0.08	0.25	0.06	LINEARITY ERROR (dB)
			-0.33	-0.46	-1.03	-1.03	-0.81	-1.02	-0.68	-0.96	-1.00	-1.15	-0.63	-1.01	-0.69	-0.90	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4824.8	314	683	983	1339	1706	2038	2411	2734	3091	3419	3787	4124	4485	4832	Measured Value (mV)
	SLOPE (mV/dB)	69.45	4	25	-22	-13	7	-9	17	-7	3	-17	4	-6	7	7	Error (mV)
			0.05	0.37	-0.31	-0.19	0.10	-0.12	0.25	-0.10	0.04	-0.24	0.06	-0.09	0.11	0.10	LINEARITY ERROR (dB)
			0.41	0.67	-0.06	0.01	0.24	-0.02	0.29	-0.10	-0.02	-0.34	-0.10	-0.29	-0.15	-0.20	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4821.6	271	624	934	1285	1651	1985	2364	2722	3081	3403	3782	4116	4476	4815	Measured Value (mV)
	SLOPE (mV/dB)	70.32	20	21	-20	-21	-6	-24	3	10	17	-12	15	-2	6	-7	Error (mV)
			0.28	0.30	-0.29	-0.30	-0.09	-0.34	0.05	0.14	0.25	-0.17	0.22	-0.03	0.08	-0.09	LINEARITY ERROR (dB)
			-0.21	-0.18	-0.76	-0.76	-0.54	-0.78	-0.38	-0.28	-0.16	-0.57	-0.17	-0.41	-0.28	-0.45	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4829.2	261	604	918	1269	1633	1969	2347	2700	3064	3392	3778	4126	4488	4839	Measured Value (mV)
	SLOPE (mV/dB)	70.82	35	24	-16	-19	-10	-28	-4	-5	5	-21	11	5	13	10	Error (mV)
			0.49	0.33	-0.23	-0.27	-0.13	-0.39	-0.05	-0.07	0.07	-0.30	0.16	0.07	0.18	0.14	LINEARITY ERROR (dB)
			-0.35	-0.46	-0.99	-0.98	-0.80	-1.01	-0.62	-0.59	-0.40	-0.73	-0.23	-0.27	-0.11	-0.10	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4813.6	259	598	913	1262	1625	1961	2341	2702	3063	3384	3768	4109	4472	4814	Measured Value (mV)
	SLOPE (mV/dB)	70.59	34	20	-18	-22	-12	-29	-2	6	14	-18	13	1	11	0	Error (mV)
			0.48	0.28	-0.26	-0.31	-0.17	-0.41	-0.03	0.09	0.20	-0.25	0.19	0.02	0.16	0.01	LINEARITY ERROR (dB)
			-0.38	-0.55	-1.06	-1.08	-0.91	-1.12	-0.71	-0.56	-0.42	-0.84	-0.37	-0.51	-0.34	-0.46	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4791.3	257	596	910	1259	1618	1955	2333	2682	3036	3360	3747	4089	4458	4801	Measured Value (mV)
	SLOPE (mV/dB)	70.28	34	21	-16	-18	-11	-25	1	-1	2	-26	10	1	18	10	Error (mV)
			0.48	0.31	-0.23	-0.26	-0.15	-0.36	0.02	-0.01	0.02	-0.37	0.14	0.01	0.26	0.14	LINEARITY ERROR (dB)
			-0.41	-0.57	-1.10	-1.13	-1.01	-1.21	-0.82	-0.85	-0.80	-1.18	-0.67	-0.79	-0.53	-0.65	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4781.5	264	609	922	1275	1633	1967	2345	2694	3049	3370	3744	4076	4444	4780	Measured Value (mV)
	SLOPE (mV/dB)	69.82	21	17	-19	-15	-7	-22	7	7	13	-15	10	-7	12	-1	Error (mV)
			0.30	0.24	-0.28	-0.22	-0.09	-0.31	0.10	0.10	0.19	-0.22	0.14	-0.10	0.17	-0.02	LINEARITY ERROR (dB)
			-0.31	-0.39	-0.93	-0.90	-0.80	-1.04	-0.65	-0.67	-0.62	-1.04	-0.71	-0.98	-0.73	-0.95	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.41	0.62	0.52	0.57	0.63	0.59	0.56	0.43	0.49	0.42	0.31	0.37	0.31	0.42	

-65dBm mV-Out	
314	Max
257	Min





LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 9-10-25
SERIAL NO: PL53798 RF

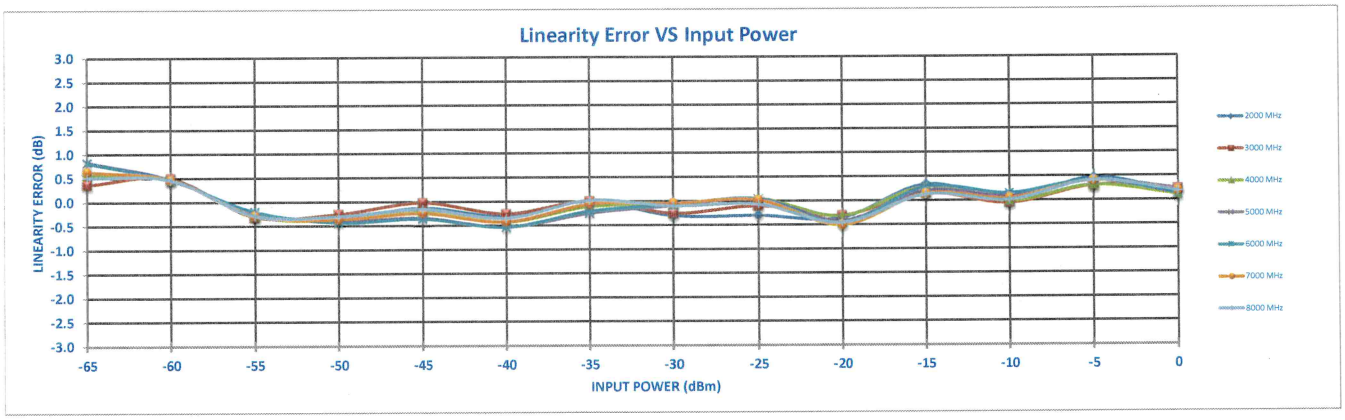
Test Temp: -10C

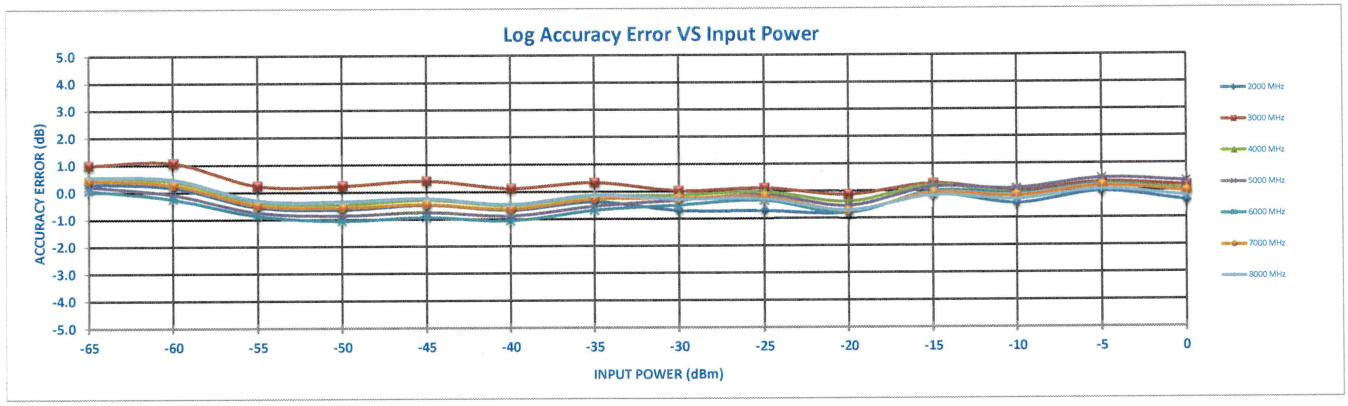
PLANAR MONOLITHICS INDUSTRIES
4921 Robert J. Mathews Parkway STE 1
TEL: 916-542-1401 FAX: 301-662-1731
EMAIL: SALES@PMI-RF.COM
ISO 9001:2000 CERTIFIED

DC Offset= 0.052

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
2000 MHz	INTERCEPT (mV)	4848.8	277	623	928	1277	1646	1988	2365	2698	3053	3404	3808	4140	4527	4859	Measured Value (mV)
	SLOPE (mV/dB)	70.97	41	32	-18	-23	-9	-22	0	-22	-22	-25	24	1	33	10	Error (mV)
			0.58	0.45	-0.25	-0.33	-0.13	-0.31	0.00	-0.31	-0.30	-0.36	0.33	0.01	0.47	0.14	LINEARITY ERROR (dB)
			0.31	0.17	-0.55	-0.65	-0.47	-0.67	-0.38	-0.71	-0.72	-0.80	-0.12	-0.46	-0.03	-0.37	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4882.8	326	688	984	1340	1709	2045	2416	2750	3113	3451	3836	4174	4552	4899	Measured Value (mV)
	SLOPE (mV/dB)	70.50	26	35	-21	-18	-1	-18	1	-18	-7	-22	11	-4	22	16	Error (mV)
			0.36	0.50	-0.30	-0.25	-0.02	-0.25	0.01	-0.25	-0.10	-0.31	0.15	-0.05	0.31	0.23	LINEARITY ERROR (dB)
			1.00	1.08	0.23	0.23	0.41	0.13	0.34	0.02	0.12	-0.14	0.27	0.01	0.32	0.19	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4881.2	289	639	941	1291	1659	2000	2379	2738	3103	3433	3832	4167	4547	4889	Measured Value (mV)
	SLOPE (mV/dB)	71.27	41	34	-20	-27	-15	-30	-8	-5	4	-23	20	-1	22	8	Error (mV)
			0.57	0.48	-0.28	-0.37	-0.21	-0.42	-0.11	-0.07	0.05	-0.32	0.28	-0.02	0.31	0.11	LINEARITY ERROR (dB)
			0.48	0.39	-0.37	-0.46	-0.29	-0.50	-0.18	-0.14	-0.02	-0.39	0.21	-0.08	0.25	0.05	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4893.2	270	605	914	1262	1627	1973	2354	2725	3095	3422	3827	4179	4562	4910	Measured Value (mV)
	SLOPE (mV/dB)	72.04	60	34	-17	-29	-24	-38	-18	-7	3	-30	14	6	29	17	Error (mV)
			0.83	0.48	-0.23	-0.40	-0.34	-0.53	-0.25	-0.10	0.04	-0.42	0.20	0.09	0.40	0.23	LINEARITY ERROR (dB)
			0.21	-0.09	-0.75	-0.86	-0.74	-0.88	-0.53	-0.33	-0.13	-0.54	0.14	0.08	0.46	0.35	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4874.8	259	593	905	1248	1613	1960	2343	2712	3080	3403	3816	4166	4545	4884	Measured Value (mV)
	SLOPE (mV/dB)	71.91	59	33	-15	-31	-26	-38	-15	-5	3	-34	20	10	30	9	Error (mV)
			0.81	0.46	-0.20	-0.43	-0.36	-0.53	-0.21	-0.08	0.04	-0.47	0.28	0.14	0.41	0.13	LINEARITY ERROR (dB)
			0.06	-0.26	-0.88	-1.06	-0.94	-1.07	-0.69	-0.51	-0.34	-0.81	-0.01	-0.10	0.22	-0.02	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4869.1	286	630	933	1283	1648	1991	2373	2730	3090	3409	3811	4160	4542	4883	Measured Value (mV)
	SLOPE (mV/dB)	71.20	45	33	-20	-26	-17	-30	-4	-3	1	-36	10	3	29	14	Error (mV)
			0.64	0.47	-0.28	-0.36	-0.24	-0.42	-0.06	-0.04	0.01	-0.51	0.14	0.04	0.41	0.20	LINEARITY ERROR (dB)
			0.44	0.26	-0.48	-0.57	-0.45	-0.63	-0.27	-0.26	-0.20	-0.72	-0.08	-0.18	0.18	-0.03	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4857.8	295	645	946	1299	1663	2003	2383	2728	3084	3410	3805	4151	4533	4871	Measured Value (mV)
	SLOPE (mV/dB)	70.75	36	32	-20	-21	-11	-25	2	-7	-5	-33	9	1	29	13	Error (mV)
			0.51	0.46	-0.29	-0.30	-0.15	-0.35	0.02	-0.10	-0.07	-0.46	0.12	0.01	0.41	0.19	LINEARITY ERROR (dB)
			0.56	0.47	-0.30	-0.34	-0.23	-0.46	-0.13	-0.28	-0.29	-0.71	-0.17	-0.31	0.05	-0.20	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.47	0.67	0.55	0.65	0.67	0.60	0.51	0.36	0.42	0.34	0.22	0.27	0.25	0.36	

-65dBm mV-Out	
326	Max
259	Min





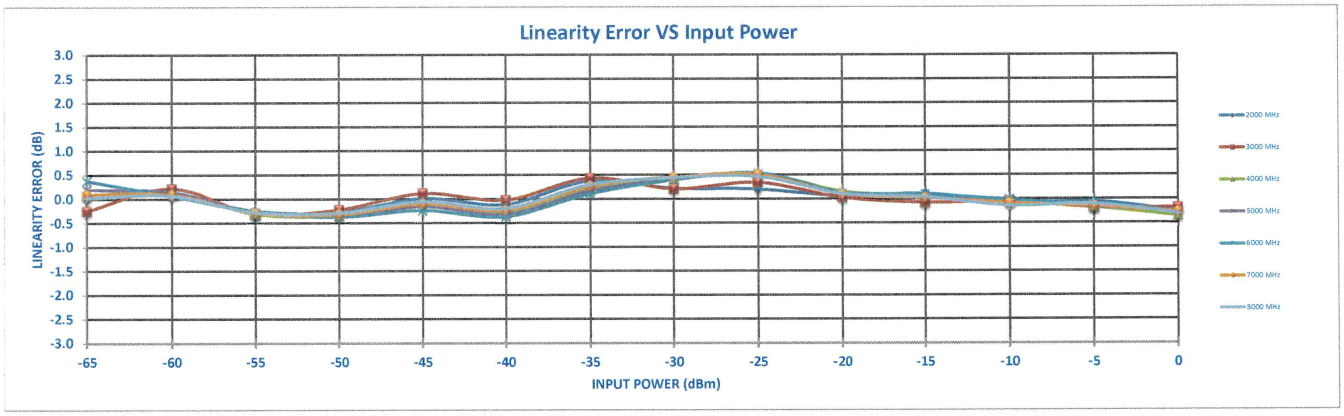
LOG TRANSFER WITH FREQUENCY
MODEL: EWDM-2G8G-65-70MV-2
TESTED BY: Jim Hopson
DATE: 9-10-25
SERIAL NO: PL53798 RF

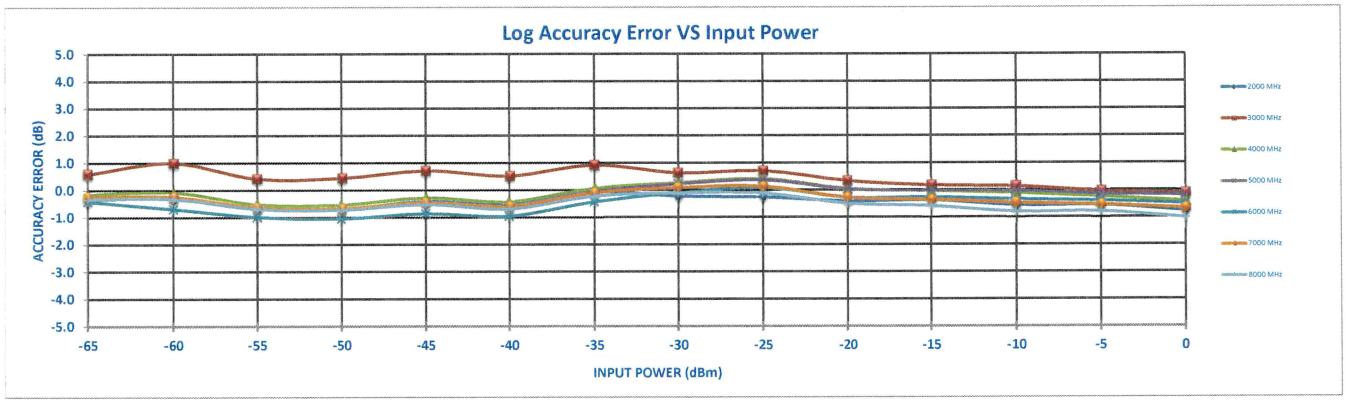
Test Temp: +85C

DC Offset= 0.059

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)	4676.7	250	596	913	1252	1612	1944	2318	2648	2987	3318	3662	3990	4332	4659	Measured Value (mV)
	SLOPE (mV/dB)	68.12	1	6	-17	-19	1	-8	25	15	13	4	7	-6	-4	-18	Error (mV)
			0.01	0.09	-0.25	-0.28	0.01	-0.12	0.37	0.22	0.19	0.05	0.10	-0.08	-0.06	-0.26	LINEARITY ERROR (dB)
			-0.37	-0.30	-0.65	-0.69	-0.41	-0.55	-0.07	-0.23	-0.27	-0.42	-0.38	-0.57	-0.56	-0.77	ACCURACY ERROR (dB)
3000 MHz	INTERCEPT (mV)	4716.7	315	684	986	1329	1689	2017	2385	2707	3053	3369	3699	4038	4367	4704	Measured Value (mV)
	SLOPE (mV/dB)	67.45	-17	15	-21	-15	8	-2	29	14	23	1	-6	-4	-12	-13	Error (mV)
			-0.25	0.22	-0.31	-0.22	0.11	-0.02	0.43	0.21	0.34	0.02	-0.09	-0.06	-0.18	-0.19	LINEARITY ERROR (dB)
			0.59	0.99	0.42	0.44	0.72	0.52	0.91	0.63	0.70	0.33	0.17	0.13	-0.05	-0.11	ACCURACY ERROR (dB)
4000 MHz	INTERCEPT (mV)	4707.5	264	611	922	1262	1621	1952	2327	2682	3033	3349	3685	4021	4353	4683	Measured Value (mV)
	SLOPE (mV/dB)	68.44	5	10	-21	-24	-7	-18	15	28	36	10	4	-2	-12	-24	Error (mV)
			0.07	0.14	-0.31	-0.34	-0.10	-0.26	0.22	0.40	0.53	0.15	0.06	-0.03	-0.18	-0.36	LINEARITY ERROR (dB)
			-0.16	-0.08	-0.52	-0.54	-0.28	-0.43	0.06	0.27	0.41	0.04	-0.04	-0.12	-0.25	-0.42	ACCURACY ERROR (dB)
5000 MHz	INTERCEPT (mV)	4716.3	255	596	911	1250	1608	1941	2319	2679	3030	3348	3686	4027	4360	4699	Measured Value (mV)
	SLOPE (mV/dB)	68.83	13	10	-19	-25	-11	-22	12	28	35	8	2	-1	-12	-17	Error (mV)
			0.19	0.14	-0.28	-0.36	-0.16	-0.32	0.17	0.40	0.50	0.12	0.03	-0.01	-0.18	-0.25	LINEARITY ERROR (dB)
			-0.29	-0.30	-0.68	-0.72	-0.47	-0.59	-0.05	0.22	0.36	0.02	-0.03	-0.03	-0.15	-0.18	ACCURACY ERROR (dB)
6000 MHz	INTERCEPT (mV)	4695.4	246	569	890	1227	1581	1916	2293	2657	3011	3327	3669	4005	4343	4677	Measured Value (mV)
	SLOPE (mV/dB)	68.85	26	4	-19	-26	-16	-26	7	27	37	8	6	-2	-8	-18	Error (mV)
			0.37	0.06	-0.27	-0.38	-0.24	-0.37	0.10	0.39	0.53	0.12	0.09	-0.03	-0.12	-0.27	LINEARITY ERROR (dB)
			-0.42	-0.69	-0.99	-1.05	-0.87	-0.96	-0.43	-0.10	0.09	-0.28	-0.27	-0.35	-0.40	-0.51	ACCURACY ERROR (dB)
7000 MHz	INTERCEPT (mV)	4684.9	258	599	914	1253	1609	1941	2316	2670	3014	3327	3663	3996	4333	4666	Measured Value (mV)
	SLOPE (mV/dB)	68.20	6	6	-20	-22	-7	-16	18	31	34	6	1	-7	-11	-19	Error (mV)
			0.09	0.09	-0.29	-0.32	-0.10	-0.23	0.26	0.45	0.50	0.09	0.02	-0.10	-0.16	-0.28	LINEARITY ERROR (dB)
			-0.25	-0.25	-0.64	-0.67	-0.46	-0.59	-0.10	0.09	0.13	-0.28	-0.36	-0.48	-0.55	-0.67	ACCURACY ERROR (dB)
8000 MHz	INTERCEPT (mV)	4663.2	252	594	910	1249	1604	1934	2307	2656	2997	3312	3647	3974	4316	4642	Measured Value (mV)
	SLOPE (mV/dB)	67.89	2	4	-19	-20	-4	-14	20	30	31	7	2	-10	-8	-21	Error (mV)
			0.03	0.06	-0.28	-0.29	-0.06	-0.20	0.29	0.44	0.46	0.10	0.03	-0.15	-0.11	-0.31	LINEARITY ERROR (dB)
			-0.34	-0.33	-0.70	-0.73	-0.53	-0.69	-0.23	-0.12	-0.12	-0.50	-0.60	-0.81	-0.79	-1.02	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.51	0.84	0.70	0.75	0.79	0.74	0.67	0.43	0.48	0.42	0.38	0.47	0.37	0.45	
	-65dBm mV-Out		315	Max													
			246	Min													

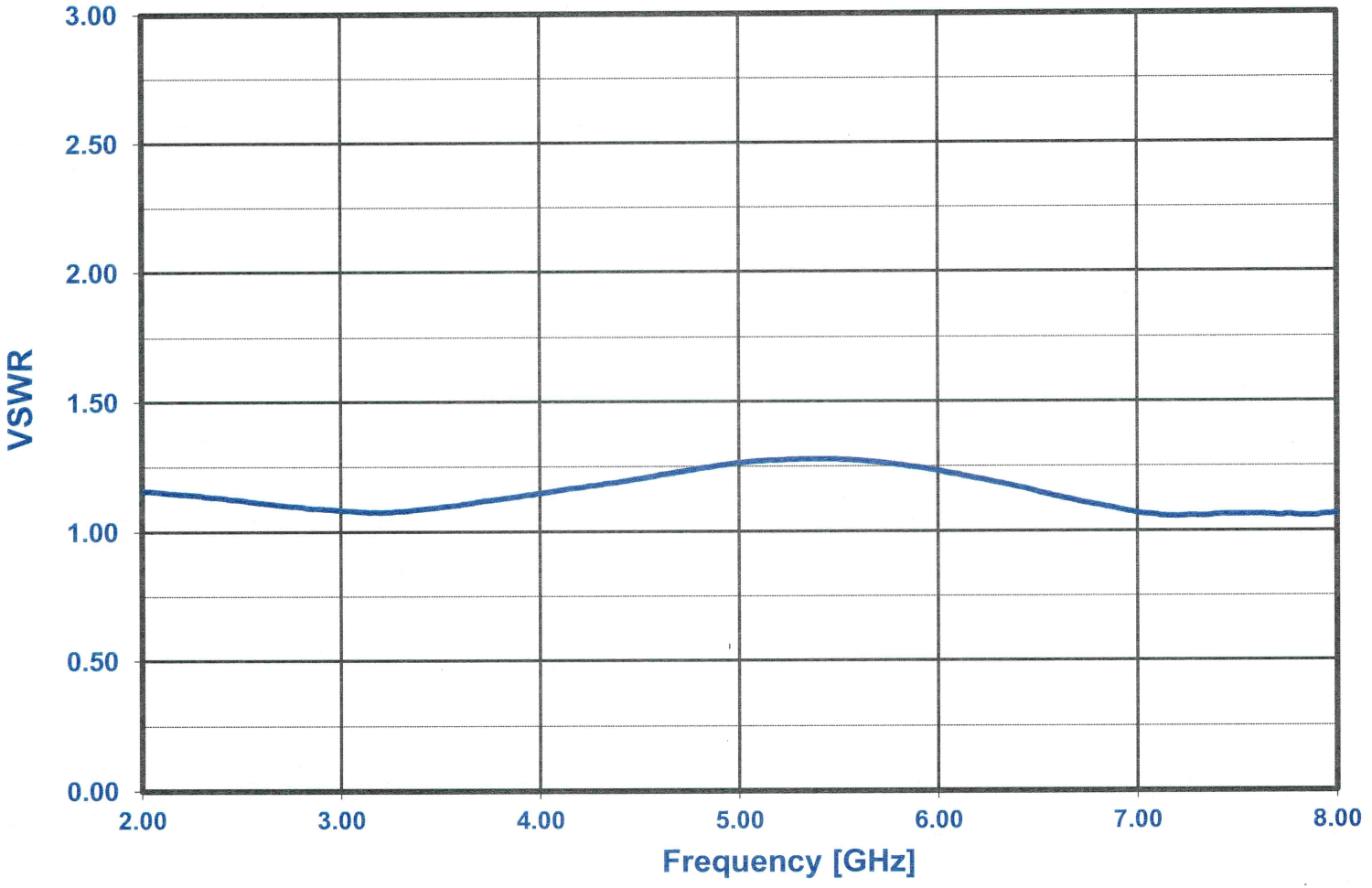




Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53798

Temperature: +25C

RF INPUT VSWR GRAPH



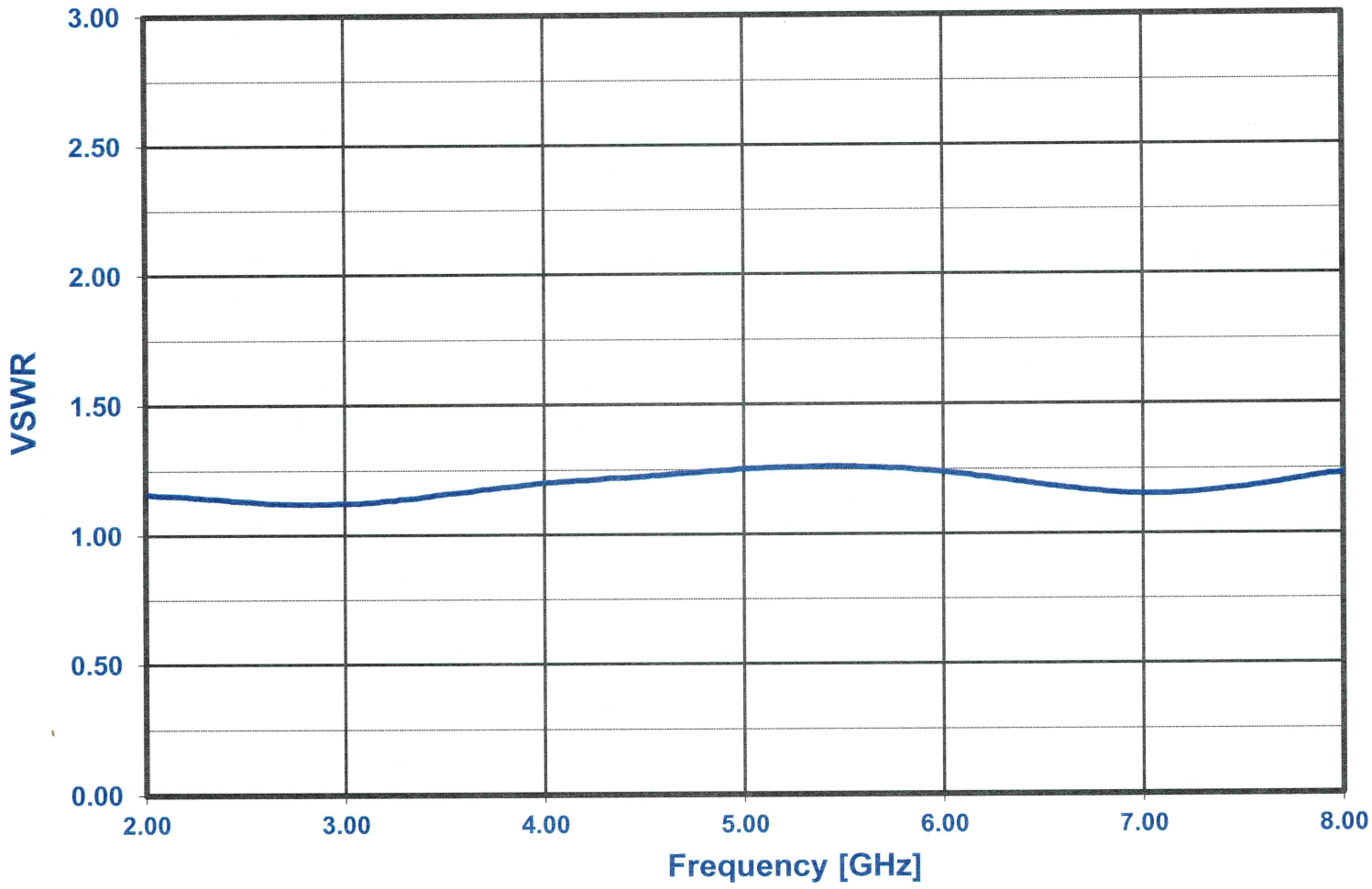
@ -20dBm

Input 1.28:1 Max

Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53798

Temperature: +25C

BIT INPUT VSWR GRAPH



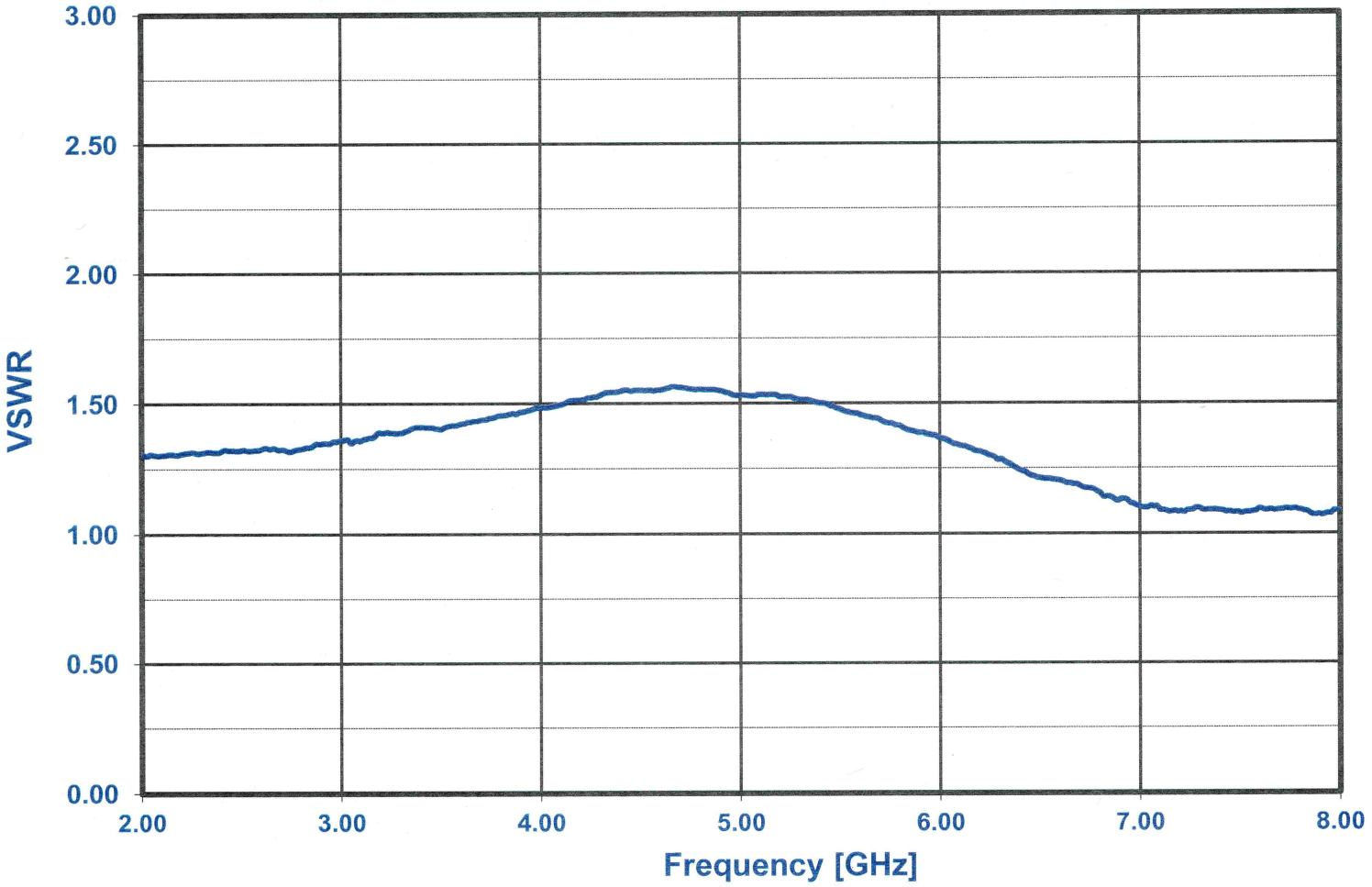
@ -20dBm

Input 1.26:1 Max

Model Number: EWDM-2G8G-65-70MV-2
Serial Number: PL53798

Temperature: +25C

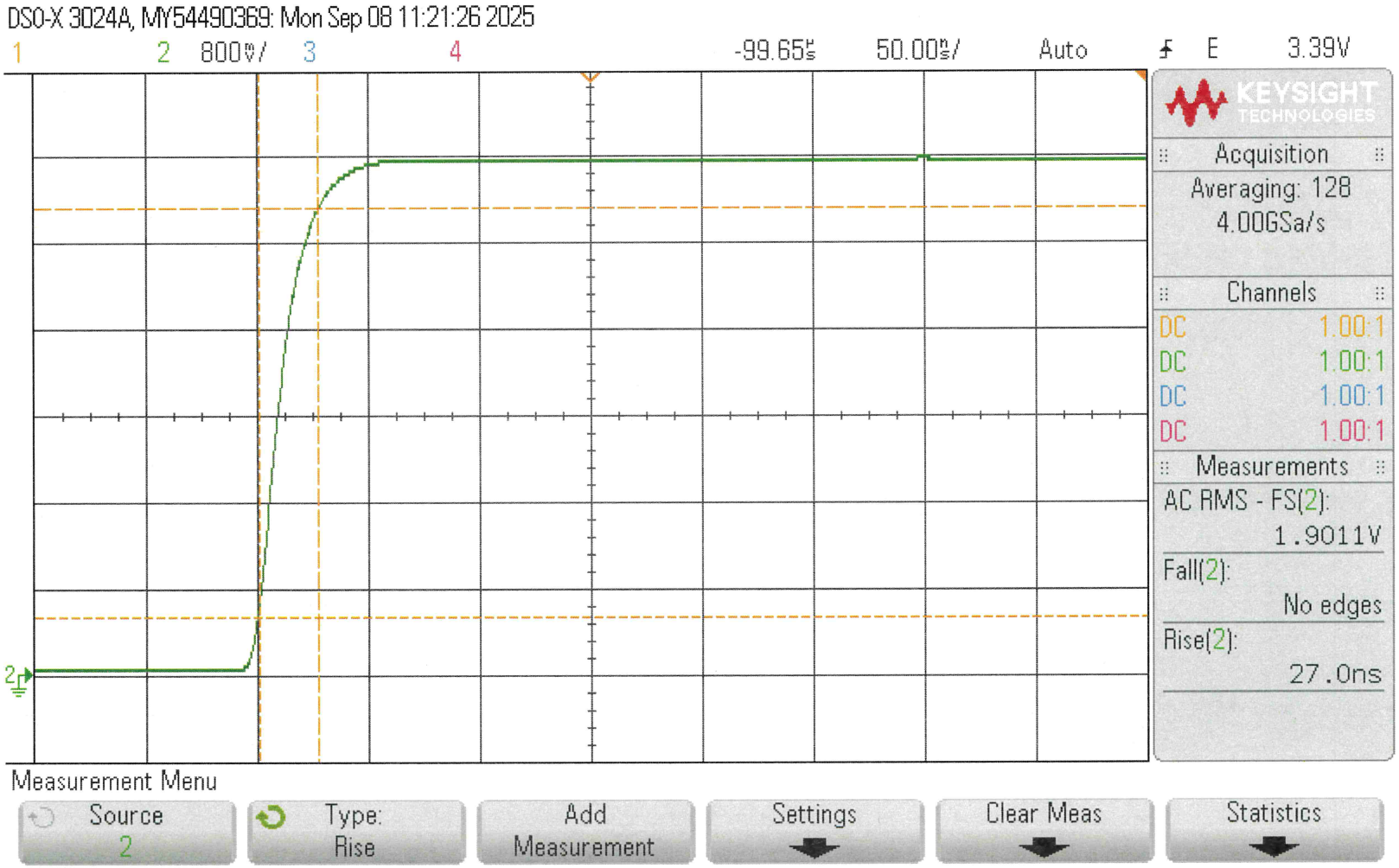
RF OUTPUT VSWR GRAPH



@ -20dBm

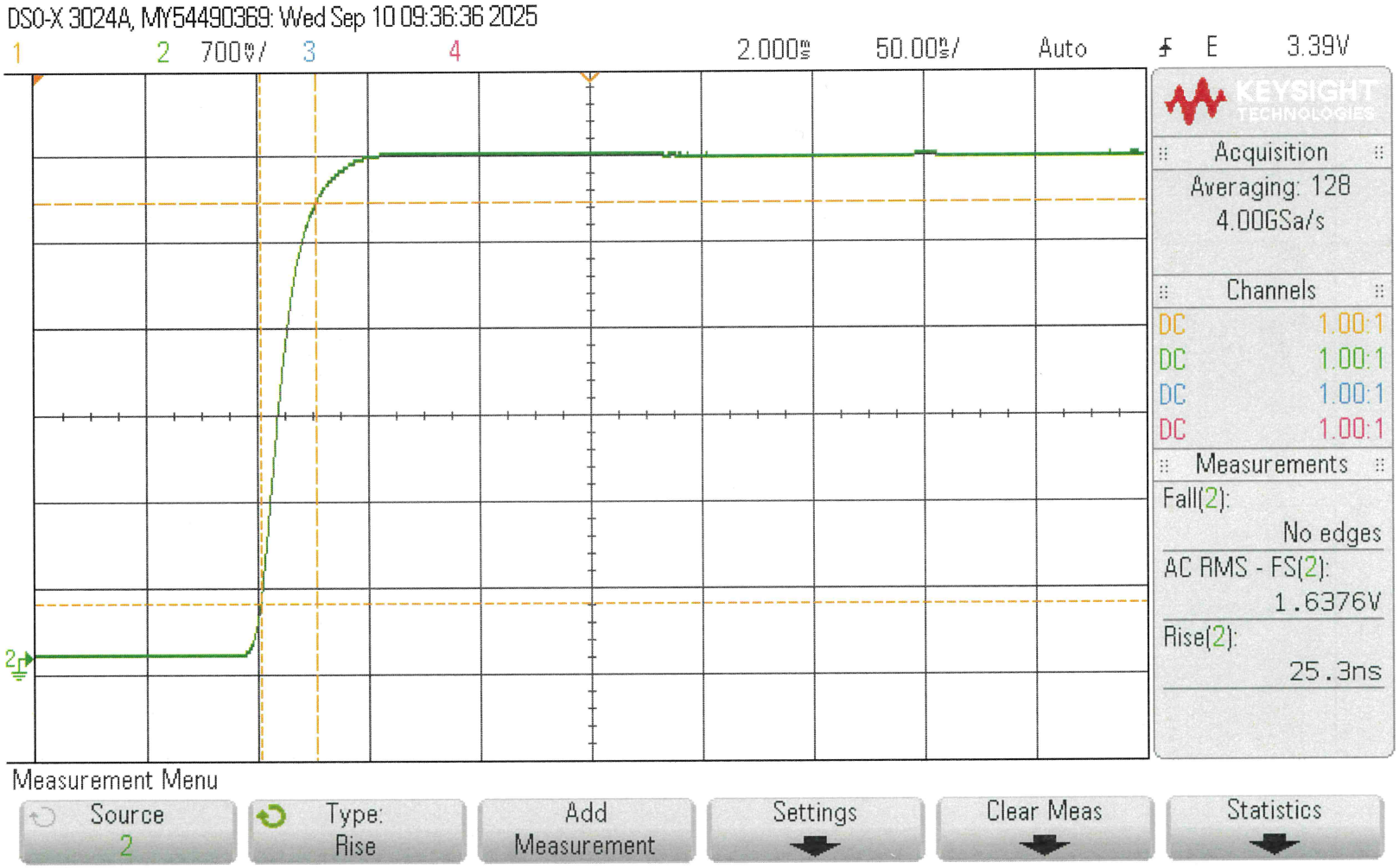
Input 1.57:1 Max

PL53798
Rise Time/settling @ 0dbm

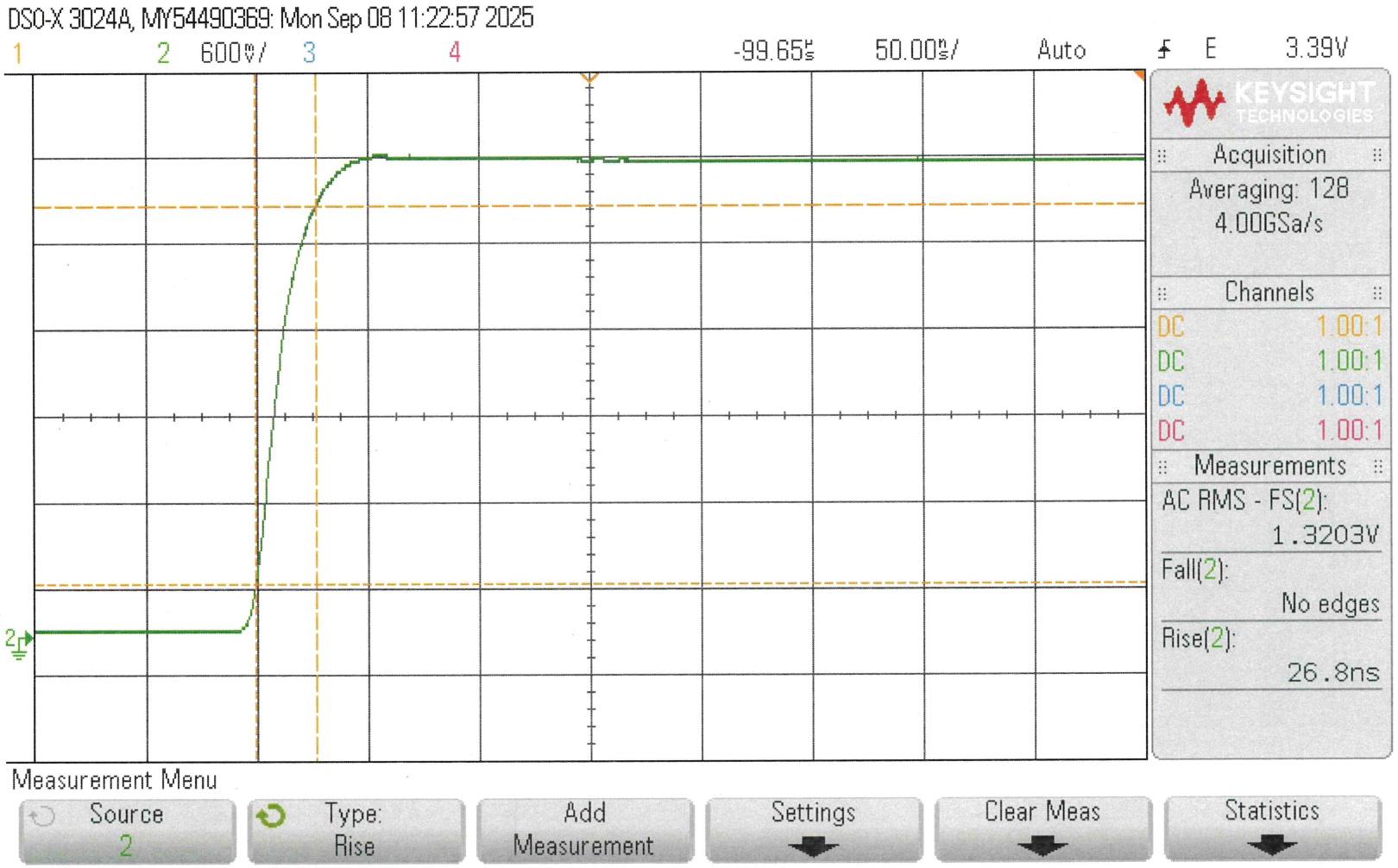


PL53798

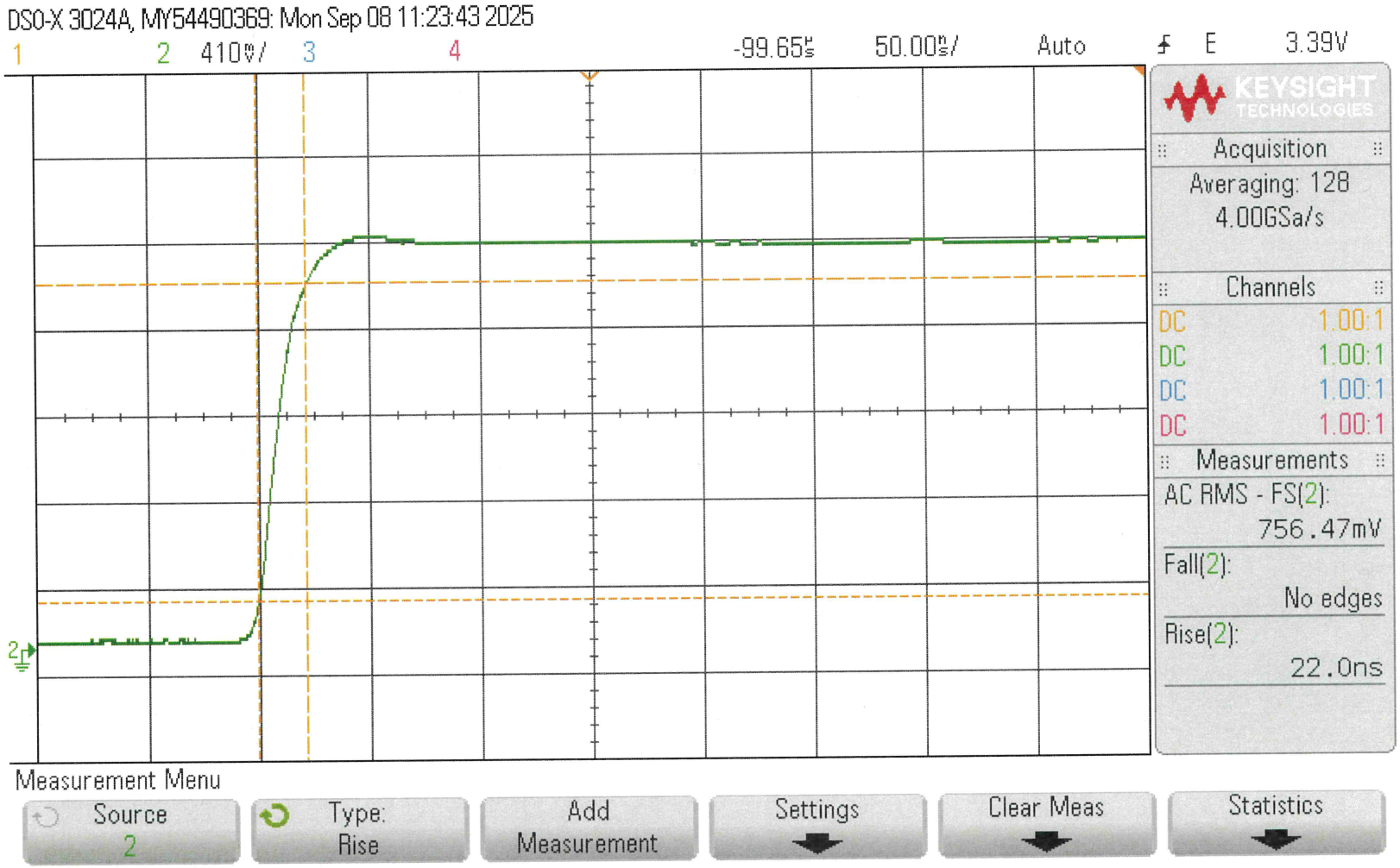
Rise / settling @ -10dbm



PL53798
Rise/settling @ -20dbm

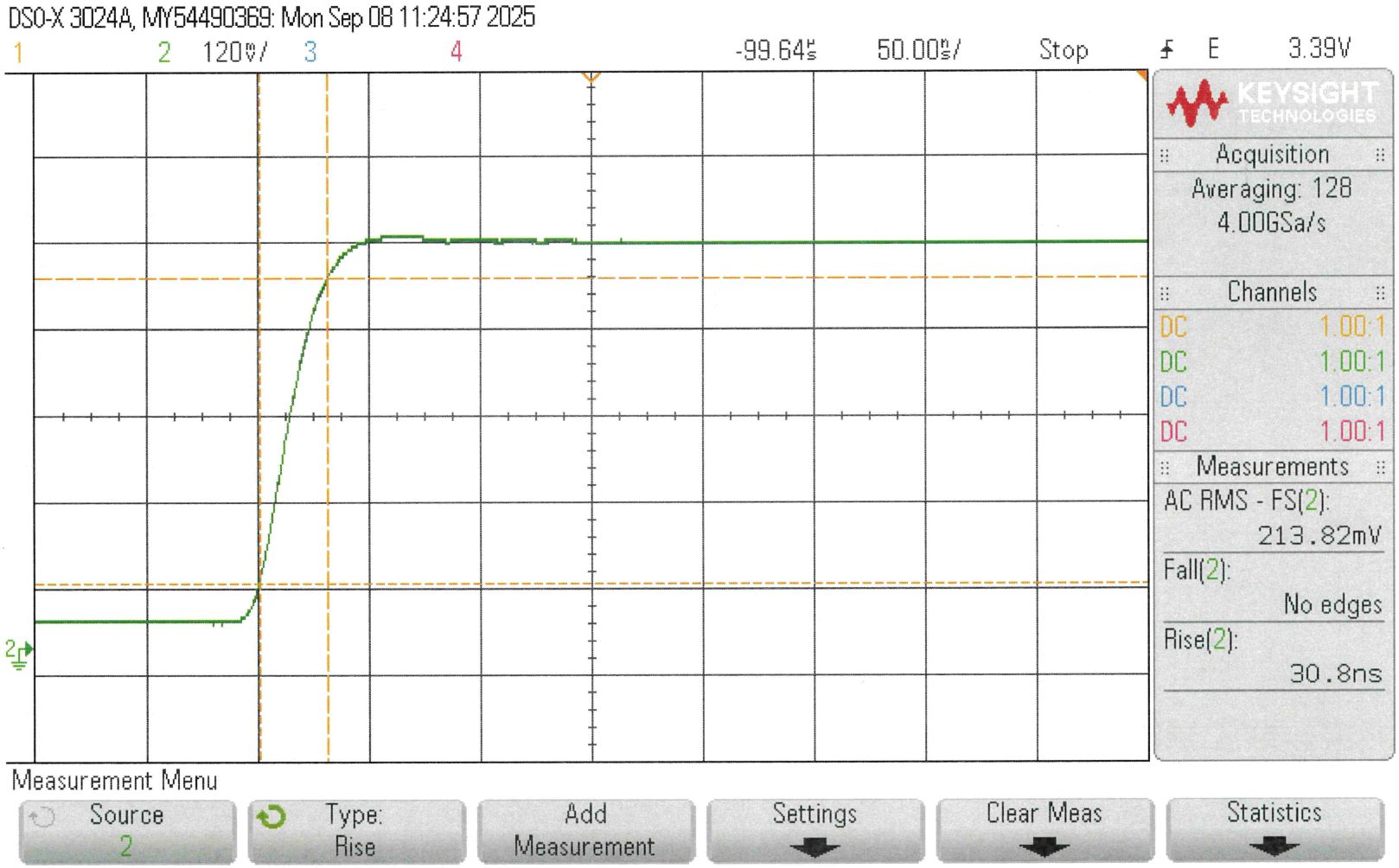


PL53798
Rise / settling @ -40 dbm

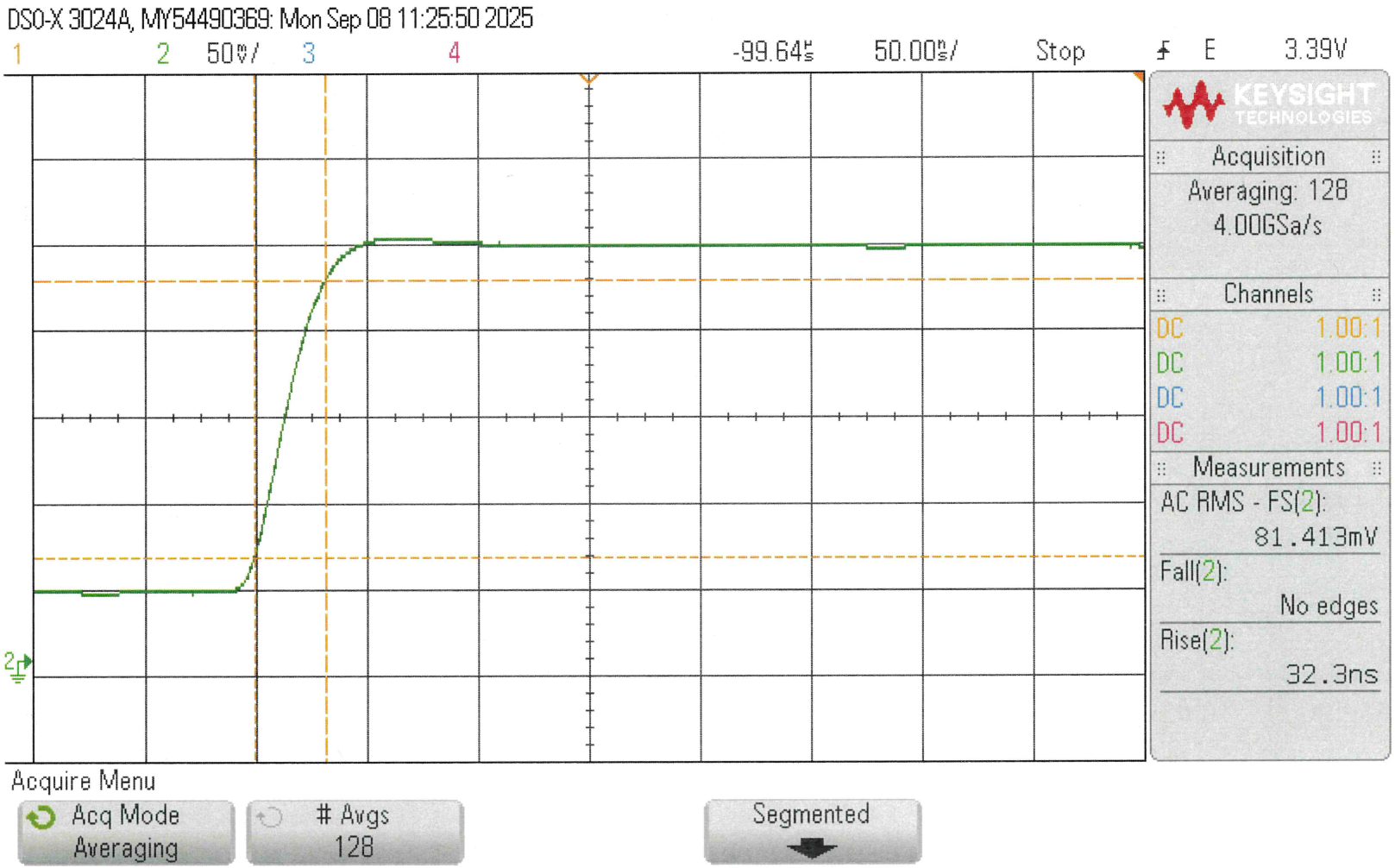


PL53798

Rise / settling @ -60dbm

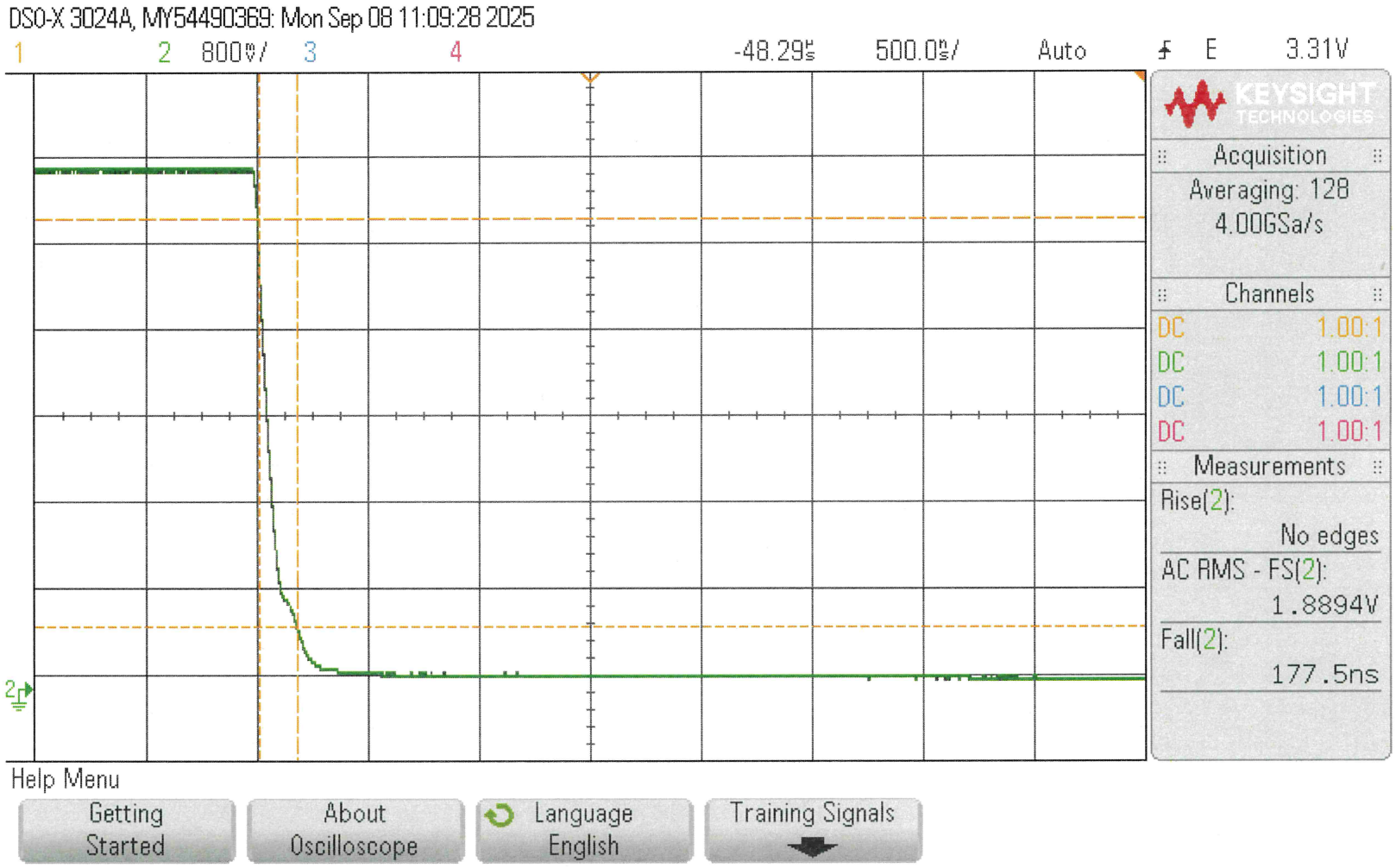


PL53798
Rise / settling @ -65 dbm

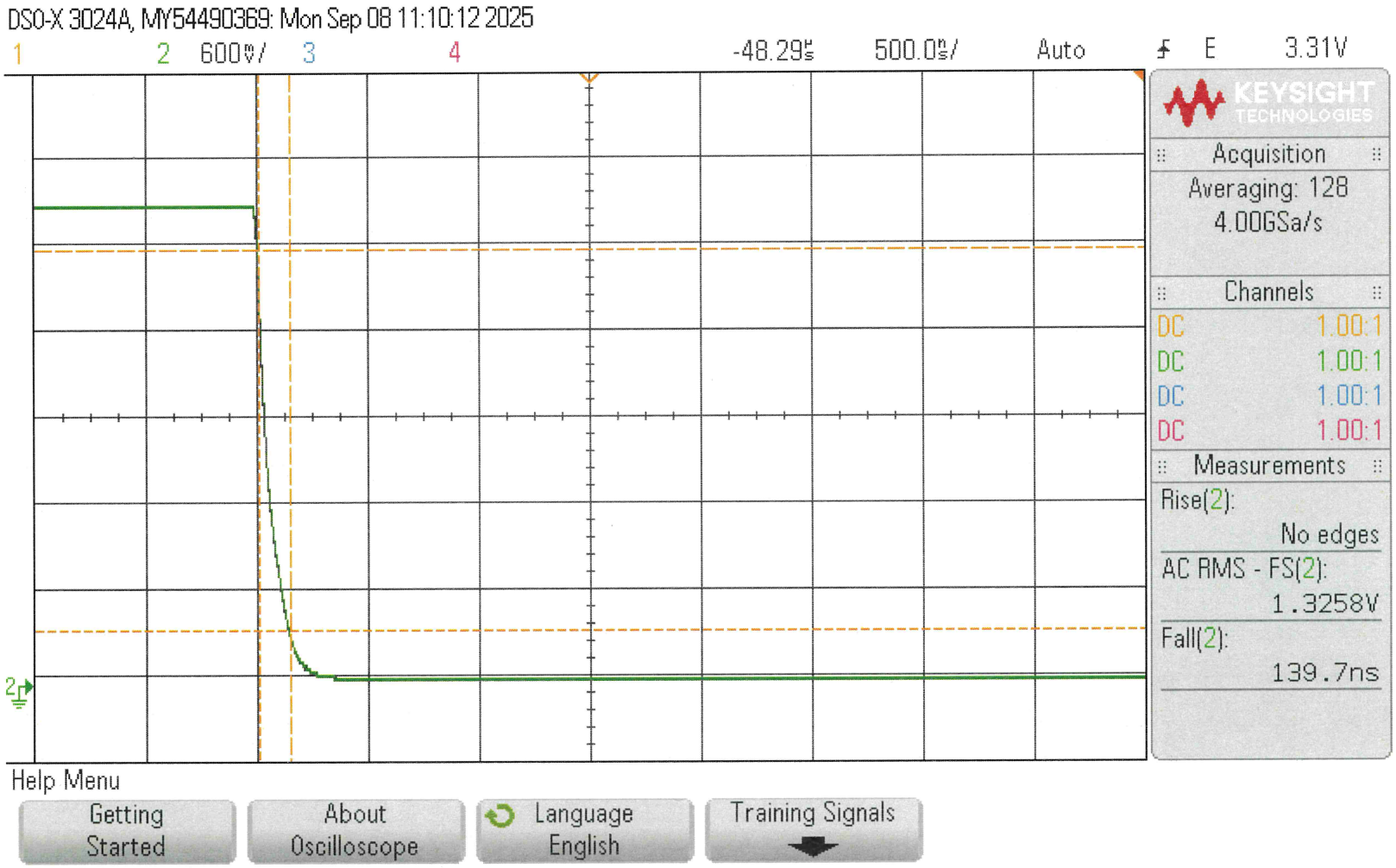


PL53798

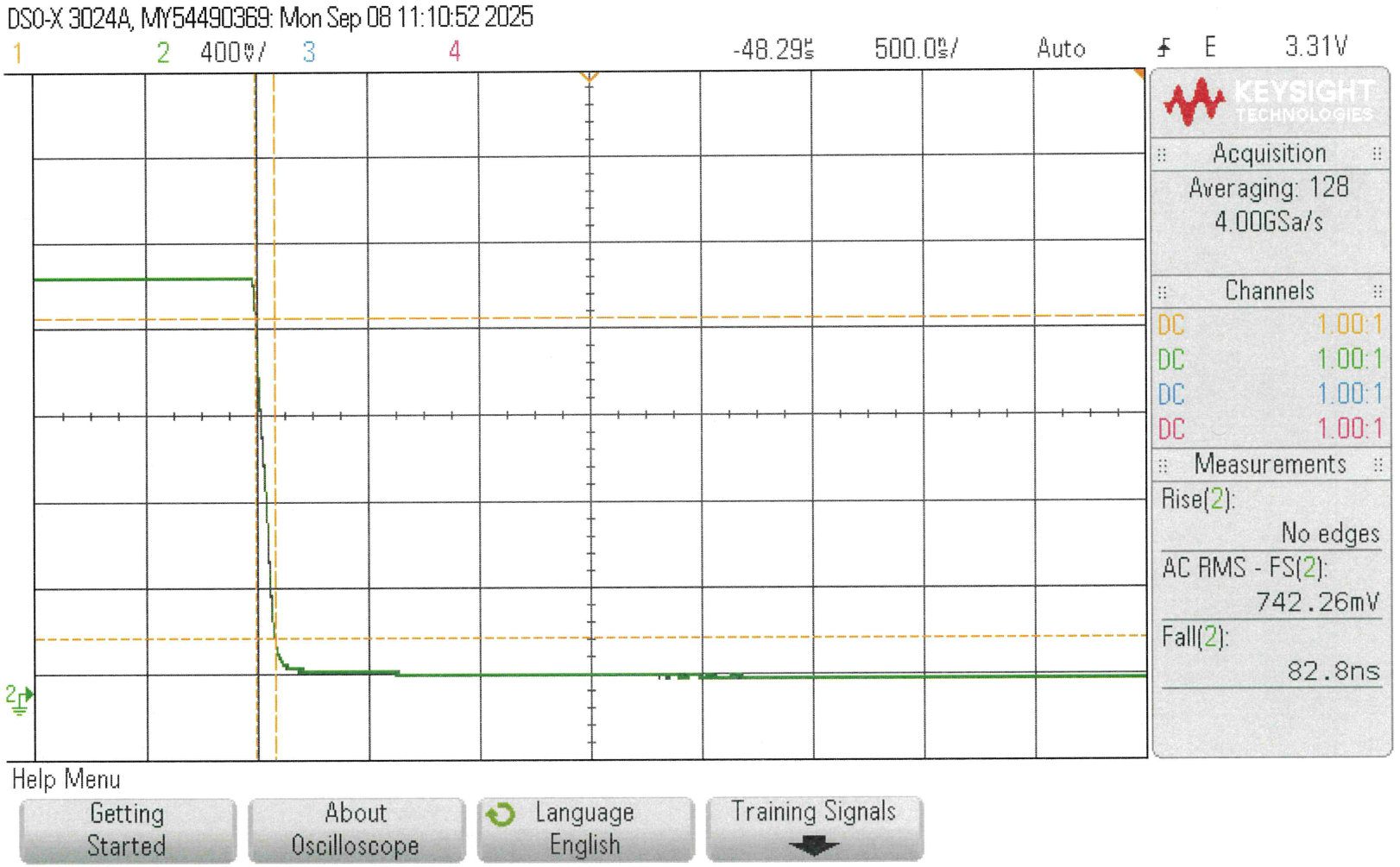
Recovery/Fall @ 0 dbm



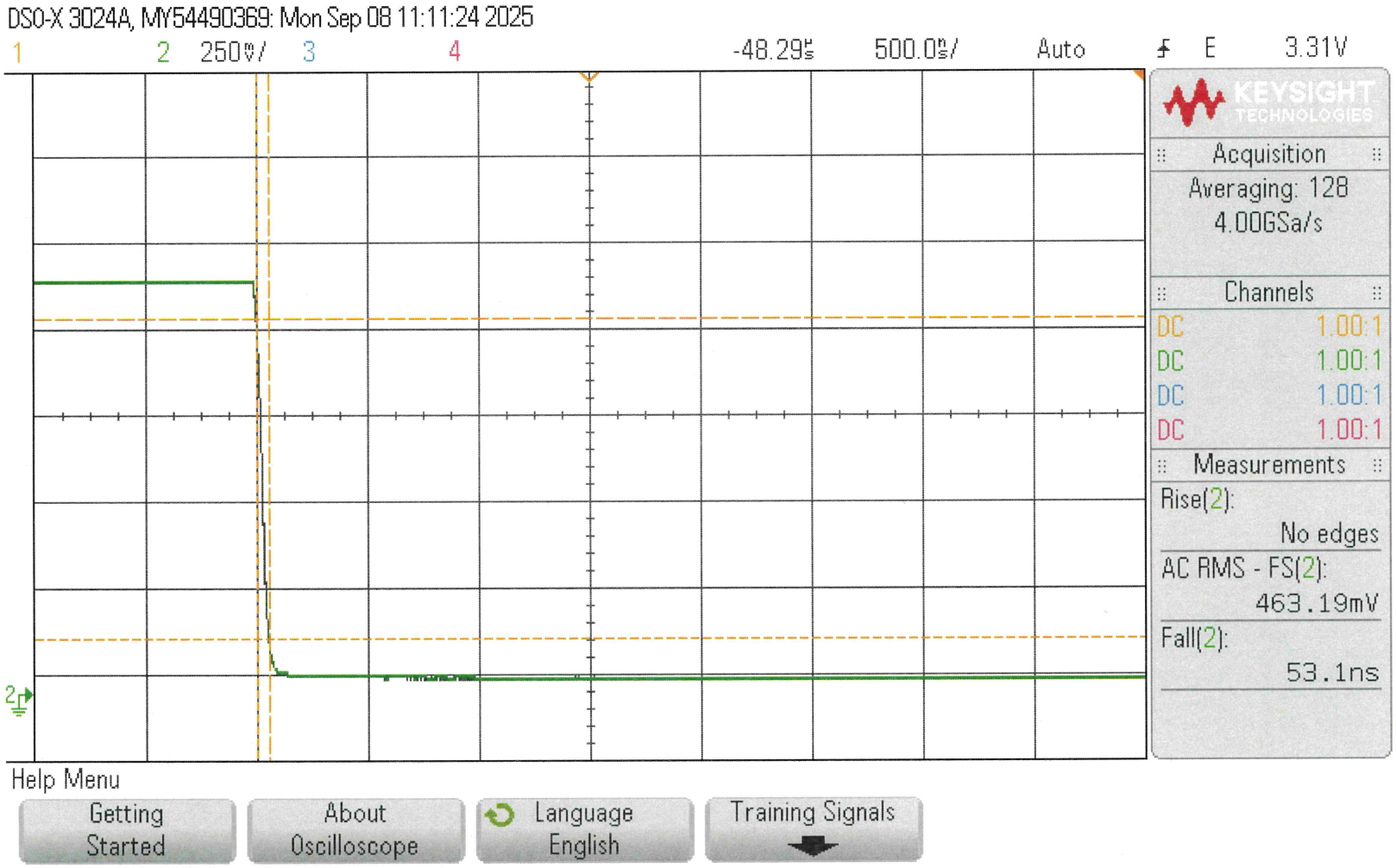
PL53798
Recovery/Fall @ -20dbm



PL53798
Recovery/Fall @ -40dbm

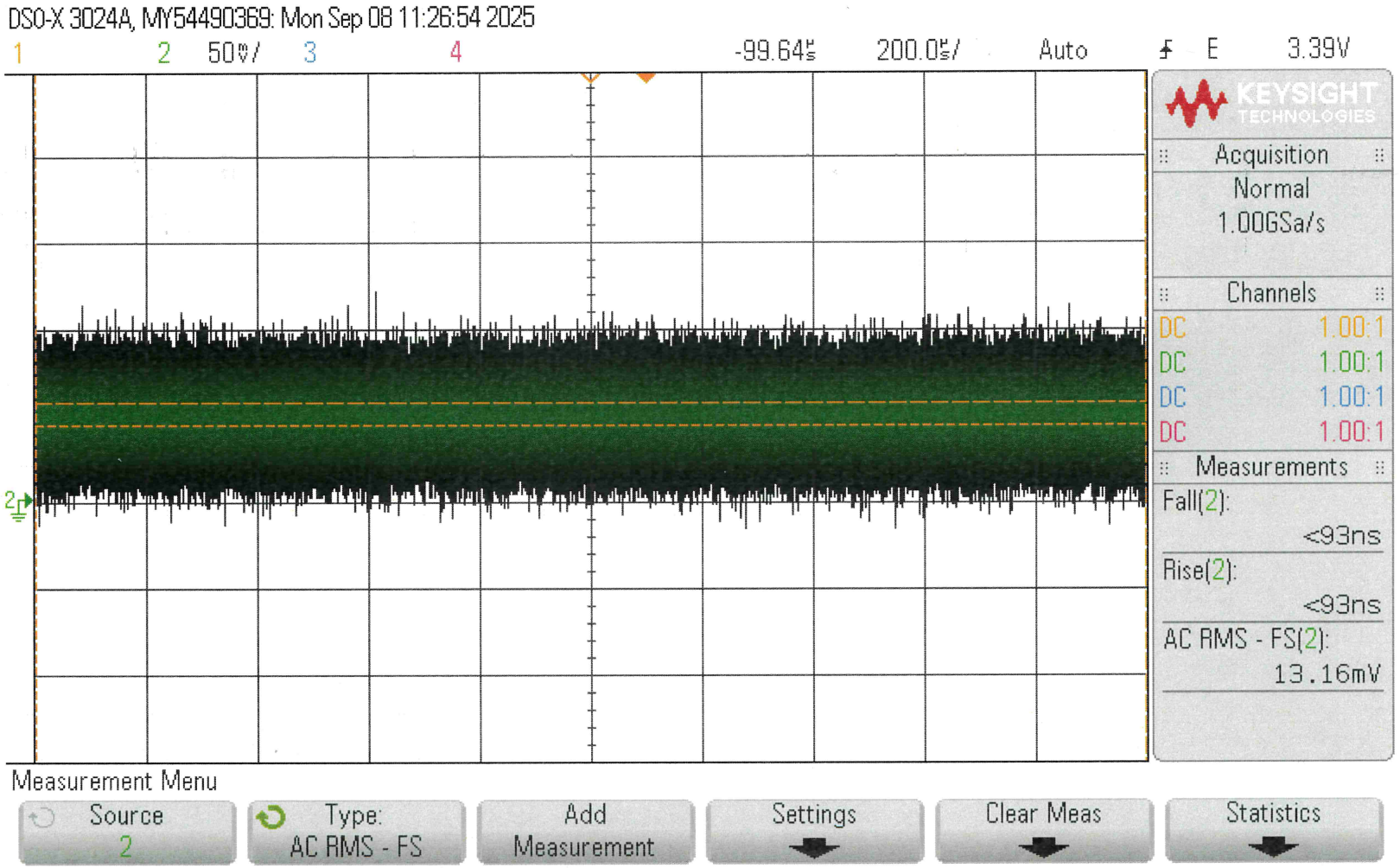


PL53798
Recovery/Fall @ -50dbm



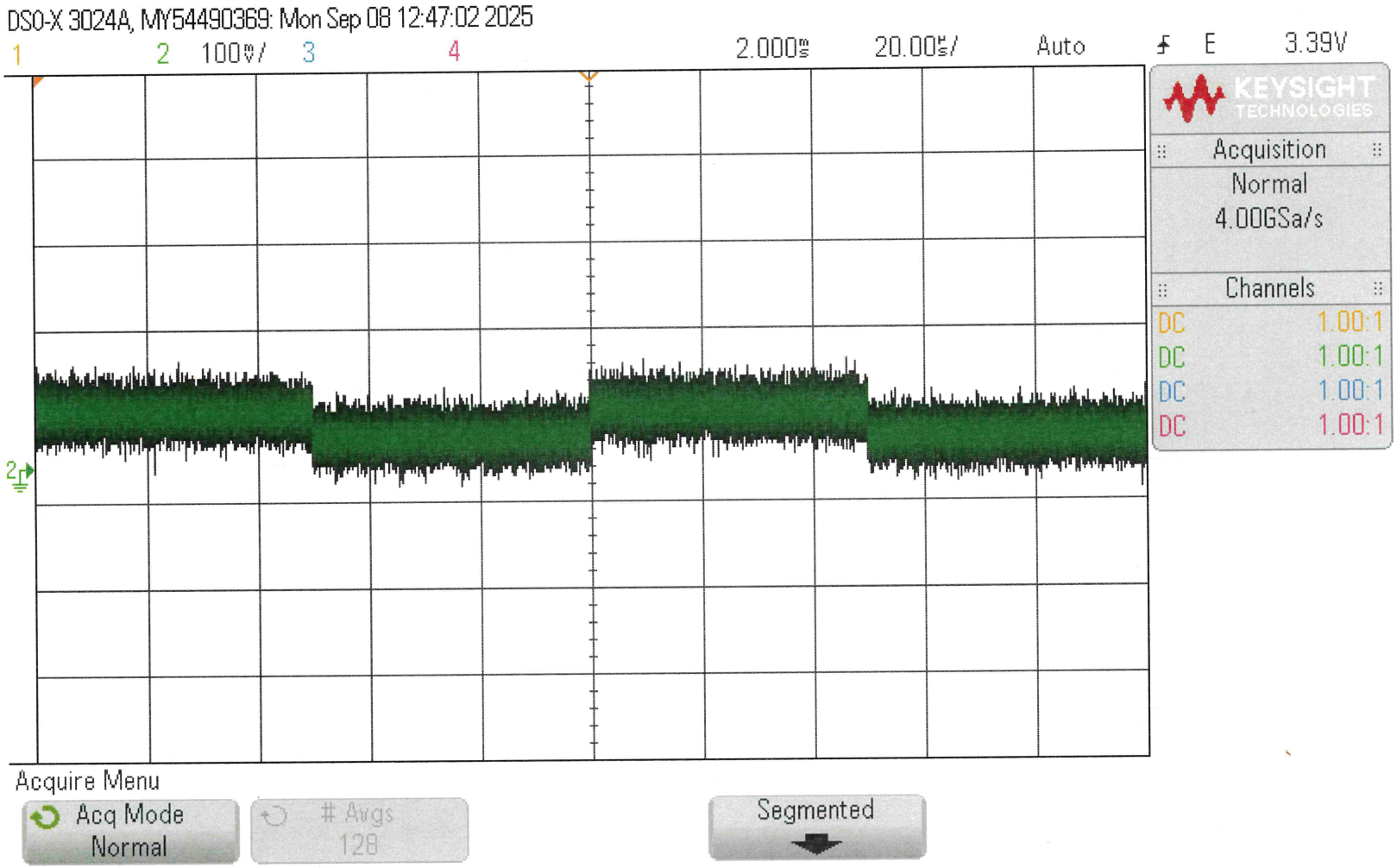
PL53798

RMS noise



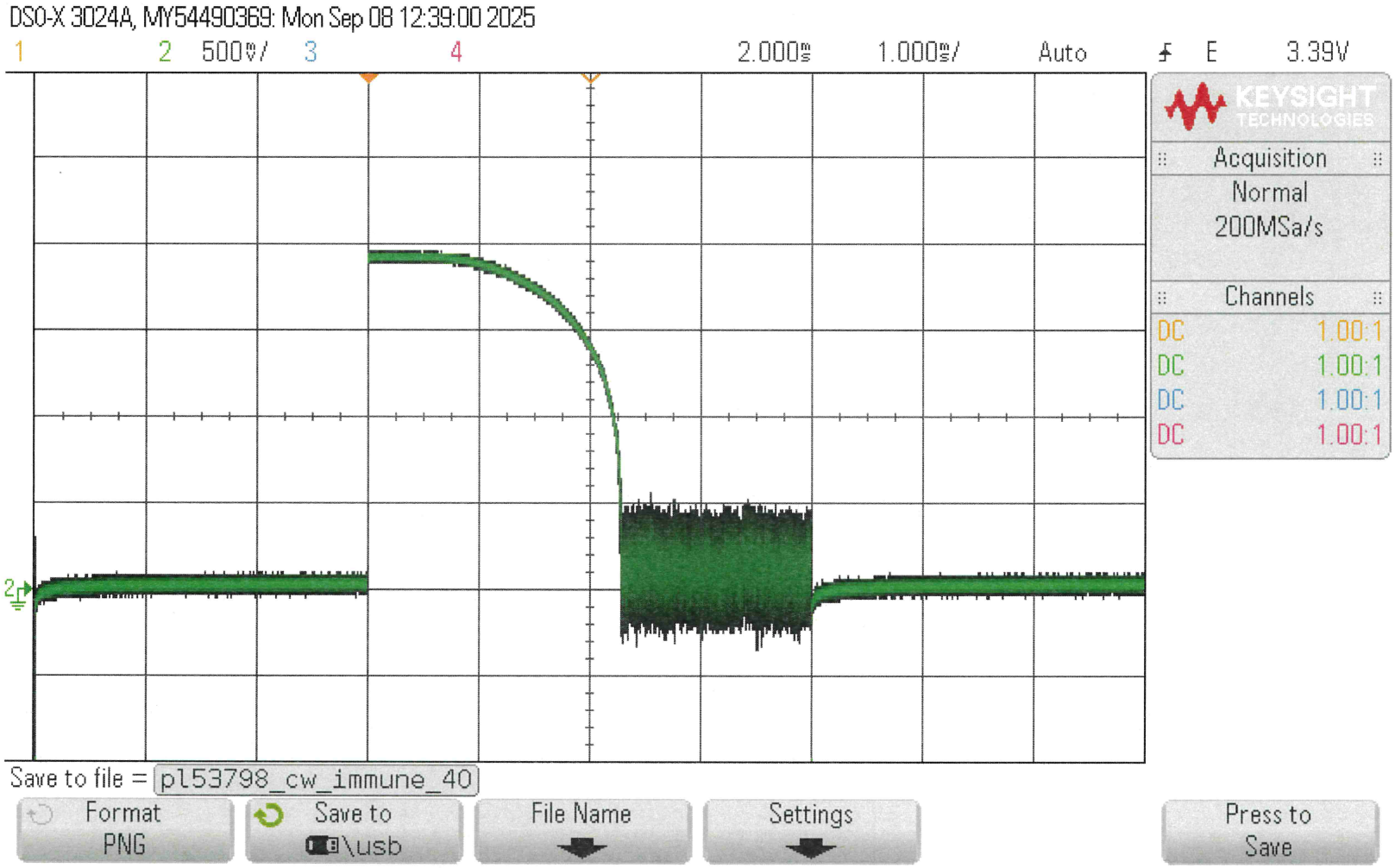
PL 53798

TSS -73 dbm



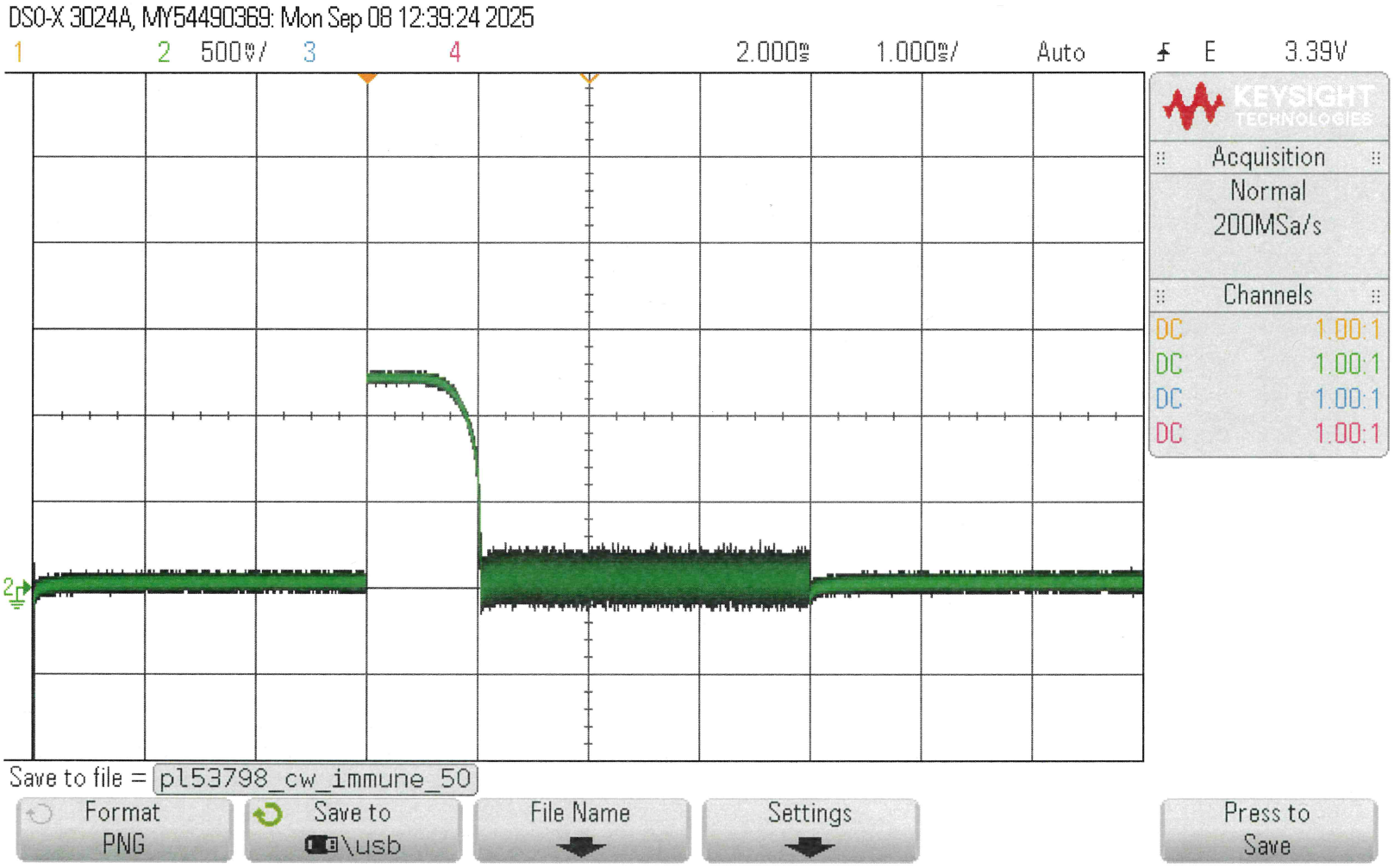
PL53798

CW Immune @ -40dbm



PL53798

CW Immune @ -50dbm



PL 53798

CW Immune @ -60dbm