

**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

Customer: \_\_\_\_\_ Tested By: Jim Hopson  
 SO No: \_\_\_\_\_ Temperature: +25°C (Unless Otherwise Specified)  
 Model No: ERDLVA-8G18G-65-70MV-2 Date: 11/29/2025  
 Serial No: PL55702/2548 Drawing No: 27650100 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	8 to 18 GHz	8 to 18 GHz	<b>PMI</b> <b>QAS</b>
2	Input VSWR:	2.3:1 Max	2.01:1	
3	Input Power Max:	(1) 1 W CW (2) 100 W Peak @ PW = 1 us & Duty Cycle = 1%	<b>Pass</b> (By Design)	
4	Switch Isolation:	60 dB Min (All Ports)	>60dB	
5	Switching Speed:	100 ns Max	<100ns	

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 Email: sales@quanticpmi.com

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Serial No: PL55702/2548

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
6	TSS:	-71 dBm	-73 dBm	<b>PMI QA3</b>
7	Dynamic Range:	-65 to 0 dBm	-65 to 0 dBm	
8	Log Slope:	70 mV/dB ±3 mV/dB	68.15/69.20mV/dB	
9	Log Linearity:	±1.0 dB Max	+56/-61dB	
10	Log Accuracy @ 25°C:	±1.75 dB Max	+98/-92dB	
11	Absolute Log Accuracy:	±2.0 dB Max	+1.16/-1.07dB	
12	DC Offset:	±70 mV	+42mV	
13	Rise Time:	28 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	24.0ns	
14	Fall Time:	300 ns Max (10% to 90% @ -50 to 0 dBm, 10% to 90% Full Dynamic Range Guaranteed)	125.6ns	
15	Settling Time:	50 ns Max (From 10% to within 70 mV of final value @ -40 & -10 dBm)	<60ns	
16	Recovery Time:	1 us Max (From 90% to within ±1.5 dB of baseline)	<750ns	
17	Video Frequency Flatness:	±1.75 dB Max @ 25°C	±.66 dB Max @ 25°C	
18	Pulse Width Process Range:	100 ns to 100 us	100 ns to 100 us	
19	Video Output Load Impedance:	95 ±1 Ω	95 ±1 Ω	

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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
20	Video Output @ -65 dBm:	330 ± 123 mV Over Frequency	258/323mV	PMI QA
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	Pass (By Design)	
23	Noise Level:	25 mV RMS Max	13.58mV	
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 Pass	
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 = Pass -40 dBm = Pass	
29	CW Immue Time @ CW = -40 dBm	4 ms Max	3.5ms	
30	CW Recovery Time @ CW = -40 dBm	120 us Max	<100us	
31	DC Power:	+15V (±5%) @ 500 mA Max -15V (±5%) @ 200 mA Max	480mA 140mA	
32	Ripple DC to 10 MHz	100 mV Max	<100 mV Max	

QA/QC Approval: *H. Klamm* Date: 12-4-25

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LOG TRANSFER WITH FREQUENCY  
 MODEL: ERDLVA-8G18G-65-70MV-2  
 TESTED BY: JIM HOPSON  
 DATE: 11/29/25  
 SERIAL NO: PL55702-RF

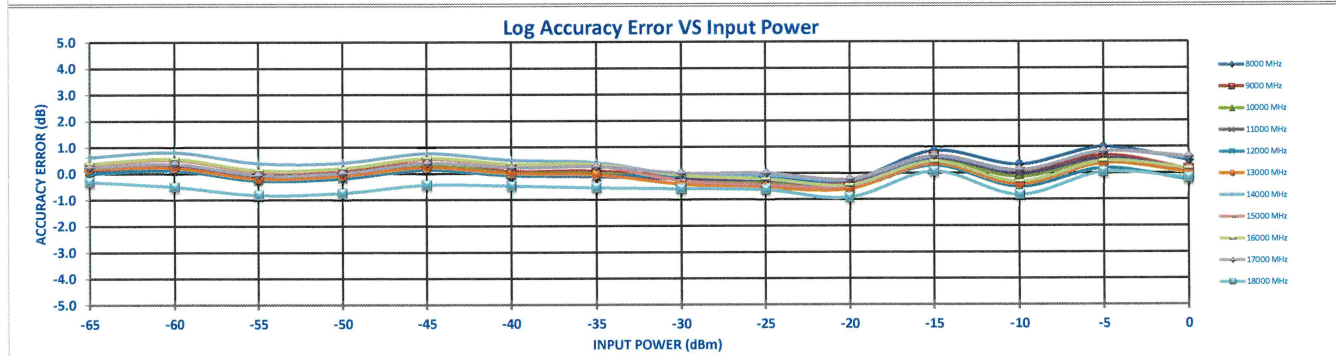
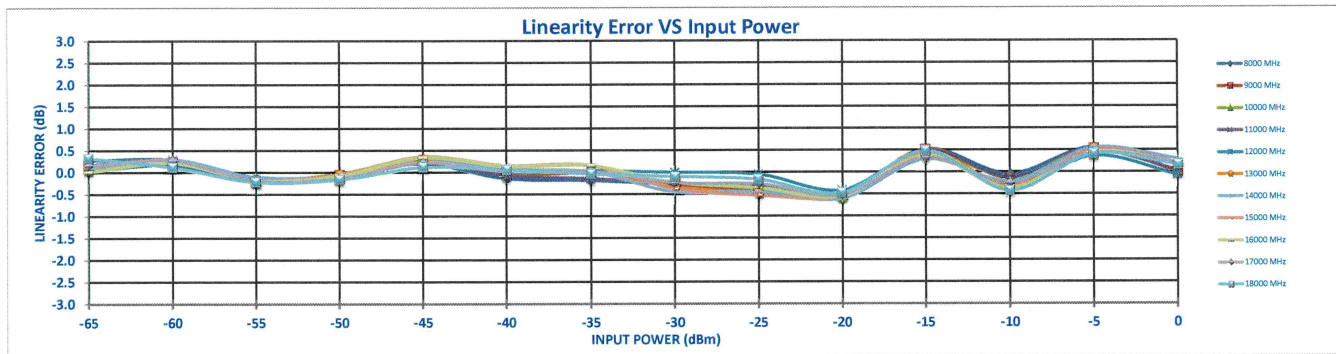
Test Temp: +25C



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 EMAIL: SALES@PMI-RF.COM  
 ISO 9001:2000 CERTIFIED

DC Offset= 0.042

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)			
8000 MHz	INTERCEPT (mV)	4768.5															Measured Value (mV)			
	SLOPE (mV/dB)	69.20															Error (mV)			
			289	636	953	1303	1668	1990	2333	2673	3012	3346	3766	4073	4461	4769	Measured Value (mV)			
			19	20	-9	-5	14	-10	-13	-19	-26	-38	36	-3	39	1	Error (mV)			
			0.27	0.28	-0.14	-0.08	0.20	-0.15	-0.19	-0.28	-0.38	-0.56	0.51	-0.05	0.56	0.01	LINEARITY ERROR (dB)			
			0.13	0.19	-0.18	-0.08	0.24	-0.06	-0.06	-0.10	-0.15	-0.28	0.84	0.32	0.98	0.47	ACCURACY ERROR (dB)			
9000 MHz	INTERCEPT (mV)	4746.3															Measured Value (mV)			
	SLOPE (mV/dB)	68.61															Error (mV)			
			297	646	960	1312	1678	1999	2343	2669	3001	3339	3752	4050	4439	4746	Measured Value (mV)			
			10	16	-13	-4	19	-3	-2	-19	-30	-35	35	-10	36	0	Error (mV)			
			0.15	0.24	-0.19	-0.06	0.28	-0.04	-0.03	-0.28	-0.44	-0.51	0.51	-0.15	0.52	0.00	LINEARITY ERROR (dB)			
			0.25	0.34	-0.08	0.05	0.39	0.07	0.09	-0.16	-0.31	-0.39	0.64	-0.02	0.66	0.14	ACCURACY ERROR (dB)			
10000 MHz	INTERCEPT (mV)	4734.6															Measured Value (mV)			
	SLOPE (mV/dB)	68.49															Error (mV)			
			288	640	956	1308	1674	1995	2337	2664	2996	3325	3737	4041	4425	4736	Measured Value (mV)			
			5	15	-12	-2	21	0	0	-16	-26	-40	30	-9	33	1	Error (mV)			
			0.08	0.22	-0.17	-0.03	0.31	0.00	-0.01	-0.23	-0.39	-0.58	0.43	-0.13	0.48	0.02	LINEARITY ERROR (dB)			
			0.12	0.25	-0.14	-0.01	0.33	0.01	0.00	-0.23	-0.39	-0.59	0.42	-0.15	0.45	-0.01	ACCURACY ERROR (dB)			
11000 MHz	INTERCEPT (mV)	4743.8															Measured Value (mV)			
	SLOPE (mV/dB)	68.73															Error (mV)			
			288	640	956	1299	1665	1989	2328	2664	3004	3336	3746	4048	4432	4746	Measured Value (mV)			
			12	20	-8	-8	14	-6	-10	-18	-22	-33	33	-8	32	2	Error (mV)			
			0.17	0.29	-0.11	-0.12	0.20	-0.08	-0.15	-0.23	-0.39	-0.48	0.48	-0.12	0.46	0.03	LINEARITY ERROR (dB)			
			0.12	0.25	-0.14	-0.14	0.20	-0.07	-0.13	-0.23	-0.27	-0.43	0.55	-0.04	0.56	0.14	ACCURACY ERROR (dB)			
12000 MHz	INTERCEPT (mV)	4723.5															Measured Value (mV)			
	SLOPE (mV/dB)	68.39															Error (mV)			
			280	631	947	1295	1661	1988	2332	2671	3010	3327	3728	4015	4406	4718	Measured Value (mV)			
			2	11	-15	-9	15	0	2	-1	-4	-29	30	-25	25	-5	Error (mV)			
			0.03	0.16	-0.22	-0.13	0.22	0.00	0.03	-0.21	-0.05	-0.42	0.45	-0.36	0.36	-0.08	LINEARITY ERROR (dB)			
			0.00	0.12	-0.27	-0.20	0.14	-0.09	-0.07	-0.13	-0.18	-0.56	0.29	-0.53	0.18	-0.27	ACCURACY ERROR (dB)			
13000 MHz	INTERCEPT (mV)	4726.1															Measured Value (mV)			
	SLOPE (mV/dB)	68.39															Error (mV)			
			292	638	952	1302	1667	1994	2333	2651	2984	3324	3732	4021	4419	4738	Measured Value (mV)			
			11	15	-13	-4	19	4	1	-23	-32	-34	32	-21	35	12	Error (mV)			
			0.17	0.23	-0.18	-0.07	0.27	0.05	0.01	-0.34	-0.47	-0.50	0.46	-0.31	0.51	0.17	LINEARITY ERROR (dB)			
			0.18	0.22	-0.20	-0.09	0.23	0.00	-0.06	-0.42	-0.56	-0.60	0.35	-0.44	0.37	0.02	ACCURACY ERROR (dB)			
14000 MHz	INTERCEPT (mV)	4754.4															Measured Value (mV)			
	SLOPE (mV/dB)	68.28															Error (mV)			
			323	678	992	1336	1703	2028	2365	2675	3017	3347	3750	4057	4450	4774	Measured Value (mV)			
			7	20	-7	-4	21	5	0	-31	-30	-42	20	-15	37	20	Error (mV)			
			0.10	0.30	-0.10	-0.07	0.31	0.07	0.00	-0.45	-0.45	-0.61	0.29	-0.21	0.54	0.29	LINEARITY ERROR (dB)			
			0.63	0.80	0.38	0.40	0.75	0.49	0.41	-0.07	-0.08	-0.27	0.61	0.09	0.82	0.54	ACCURACY ERROR (dB)			
15000 MHz	INTERCEPT (mV)	4731.9															Measured Value (mV)			
	SLOPE (mV/dB)	68.17															Error (mV)			
			302	658	970	1320	1688	2015	2356	2660	2991	3331	3737	4028	4425	4746	Measured Value (mV)			
			1	17	-12	-3	24	10	10	-27	-37	-37	28	-22	34	14	Error (mV)			
			0.02	0.24	-0.18	-0.05	0.35	0.15	0.15	-0.39	-0.54	-0.55	0.41	-0.32	0.50	0.21	LINEARITY ERROR (dB)			
			0.32	0.51	0.06	0.17	0.54	0.30	0.28	-0.29	-0.46	-0.50	0.42	-0.34	0.45	0.14	ACCURACY ERROR (dB)			
16000 MHz	INTERCEPT (mV)	4735.1															Measured Value (mV)			
	SLOPE (mV/dB)	68.15															Error (mV)			
			306	661	974	1322	1691	2018	2360	2674	3007	3334	3738	4028	4424	4748	Measured Value (mV)			
			0	15	-13	-6	22	9	10	-17	-24	-38	25	-26	30	13	Error (mV)			
			0.01	0.22	-0.19	-0.09	0.33	0.13	0.15	-0.25	-0.36	-0.56	0.37	-0.38	0.43	0.19	LINEARITY ERROR (dB)			
			0.38	0.56	0.12	0.20	0.58	0.35	0.34	-0.08	-0.23	-0.46	0.43	-0.34	0.44	0.16	ACCURACY ERROR (dB)			
17000 MHz	INTERCEPT (mV)	4764.8															Measured Value (mV)			
	SLOPE (mV/dB)	68.92															Error (mV)			
			296	648	961	1309	1678	2009	2354	2680	3023	3350	3753	4058	4449	4779	Measured Value (mV)			
			11	19	-13	-10	15	1	2	-17	-19	-36	22	-18	29	14	Error (mV)			
			0.16	0.27	-0.19	-0.14	0.21	0.02	0.02	-0.25	-0.27	-0.53	0.32	-0.25	0.42	0.21	LINEARITY ERROR (dB)			
			0.23	0.37	-0.07	0.01	0.39	0.22	0.25	0.00	0.01	-0.22	0.65	0.10	0.80	0.62	ACCURACY ERROR (dB)			
18000 MHz	INTERCEPT (mV)	4712.5															Measured Value (mV)			
	SLOPE (mV/dB)	68.87															Error (mV)			
			258	588	909	1257	1621	1961	2299	2639	2979	3302	3712	3994	4396	4723	Measured Value (mV)			
			22	8	-16	-12	8	3	-3	-7	-12	-33	33	-30	28	11	Error (mV)			
			0.32	0.11	-0.23	-0.17	0.11	0.05	-0.04	-0.11	-0.17	-0.48	0.47	-0.43	0.41	0.15	LINEARITY ERROR (dB)			
			-0.32	-0.51	-0.83	-0.75	-0.44	-0.48	-0.55	-0.59	-0.64	-0.92	0.06	-0.83	0.03	-0.20	ACCURACY ERROR (dB)			
Flatness		+/- dB	0.47	0.66	0.61	0.58	0.60	0.49	0.48	0.30	0.32	0.35	0.39	0.58	0.47	0.44				
-65dBm mV-Out			323	Max	258	Min														



LOG TRANSFER WITH FREQUENCY  
 MODEL: ERDLVA-8G18G-65-70MV-2  
 TESTED BY: JIM HOPSON  
 DATE: 11/29/25  
 SERIAL NO: PL55702-BIT

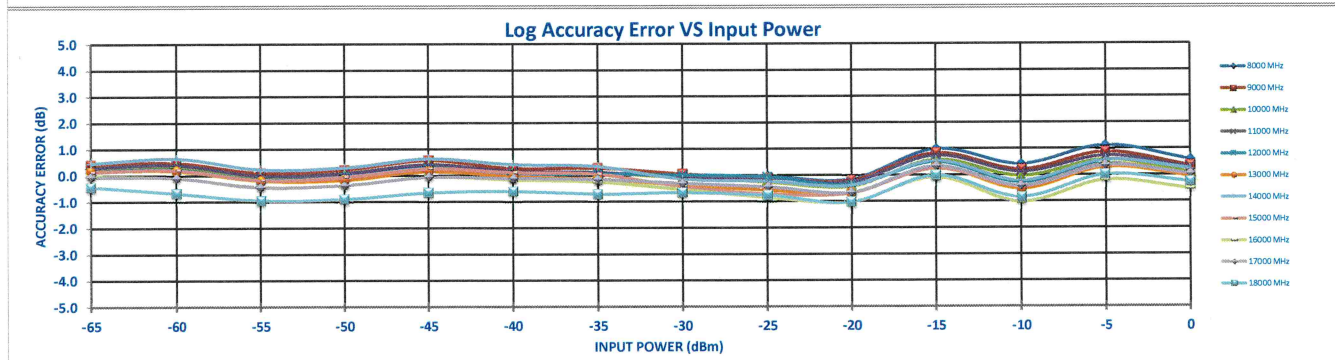
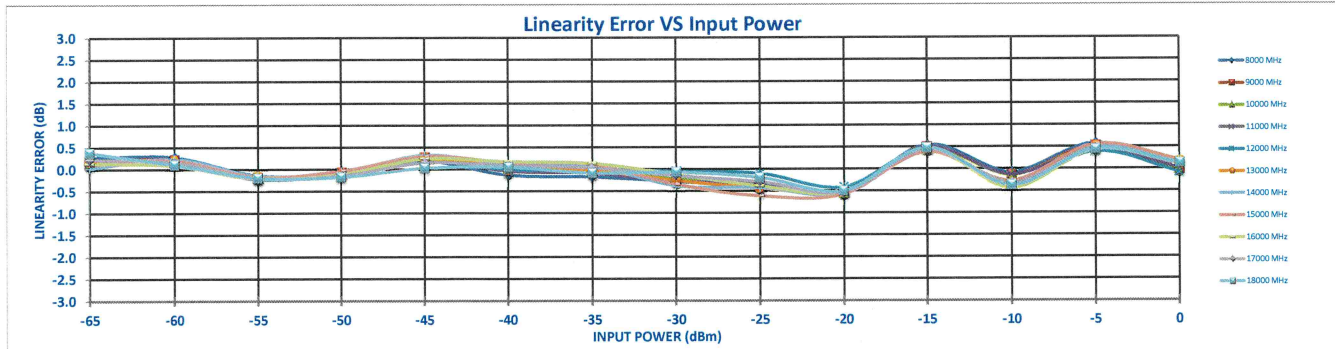
Test Temp: +25C



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DC Offset= 0.043

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4762.5														Measured Value (mV)
	SLOPE (mV/dB)	69.13														Error (mV)
		288	634	951	1300	1665	1988	2331	2669	3007	3341	3763	4066	4457	4762	LINEARITY ERROR (dB)
		19	19	-9	-6	13	-9	-12	-20	-27	-39	37	-5	40	-1	ACCURACY ERROR (dB)
		0.27	0.28	-0.14	-0.09	0.19	-0.14	-0.17	-0.28	-0.40	-0.56	0.54	-0.08	0.58	-0.01	
		0.26	0.31	-0.06	0.04	0.36	0.08	0.09	0.02	-0.04	-0.17	0.99	0.42	1.12	0.58	
9000 MHz	INTERCEPT (mV)	4747.2														Measured Value (mV)
	SLOPE (mV/dB)	68.60														Error (mV)
		298	646	962	1313	1680	2001	2344	2671	3003	3339	3752	4052	4440	4746	LINEARITY ERROR (dB)
		10	15	-12	-4	20	-2	-2	-18	-29	-36	34	-9	36	-1	ACCURACY ERROR (dB)
		0.14	0.22	-0.18	-0.06	0.29	-0.03	-0.03	-0.26	-0.43	-0.53	0.49	-0.13	0.52	-0.02	
		0.41	0.49	0.10	0.23	0.58	0.27	0.28	0.05	-0.10	-0.20	0.83	0.21	0.88	0.34	
10000 MHz	INTERCEPT (mV)	4728.8														Measured Value (mV)
	SLOPE (mV/dB)	68.42														Error (mV)
		290	637	953	1304	1669	1992	2332	2661	2992	3323	3735	4035	4420	4728	LINEARITY ERROR (dB)
		9	14	-13	-4	19	0	-2	-15	-26	-37	33	-10	33	-1	ACCURACY ERROR (dB)
		0.13	0.20	-0.18	-0.05	0.28	0.00	-0.03	-0.22	-0.38	-0.55	0.48	-0.14	0.49	-0.01	
		0.29	0.36	-0.03	0.09	0.42	0.14	0.10	-0.10	-0.26	-0.43	0.58	-0.04	0.58	0.08	
11000 MHz	INTERCEPT (mV)	4741.5														Measured Value (mV)
	SLOPE (mV/dB)	68.64														Error (mV)
		291	640	955	1304	1669	1993	2333	2663	3003	3335	3746	4046	4430	4742	LINEARITY ERROR (dB)
		11	17	-11	-6	16	-3	-6	-19	-23	-34	34	-9	32	0	ACCURACY ERROR (dB)
		0.16	0.25	-0.16	-0.08	0.24	-0.04	-0.09	-0.28	-0.33	-0.49	0.50	-0.13	0.46	0.01	
		0.31	0.40	0.00	0.09	0.42	0.15	0.12	-0.07	-0.10	-0.26	0.74	0.12	0.73	0.28	
12000 MHz	INTERCEPT (mV)	4724.6														Measured Value (mV)
	SLOPE (mV/dB)	68.45														Error (mV)
		281	628	944	1294	1659	1986	2329	2668	3006	3327	3729	4018	4409	4719	LINEARITY ERROR (dB)
		6	11	-16	-8	15	0	0	-3	-7	-28	31	-22	27	-6	ACCURACY ERROR (dB)
		0.09	0.16	-0.23	-0.11	0.22	-0.01	0.01	-0.04	-0.11	-0.42	0.46	-0.32	0.39	-0.08	
		0.16	0.23	-0.16	-0.05	0.28	0.05	0.06	0.01	-0.06	-0.37	0.50	-0.29	0.42	-0.05	
13000 MHz	INTERCEPT (mV)	4707.5														Measured Value (mV)
	SLOPE (mV/dB)	68.28														Error (mV)
		281	625	942	1286	1651	1980	2316	2641	2971	3306	3715	4002	4401	4719	LINEARITY ERROR (dB)
		12	15	-10	-7	16	4	-2	-18	-29	-36	32	-23	35	11	ACCURACY ERROR (dB)
		0.17	0.21	-0.14	-0.11	0.24	0.06	-0.02	-0.26	-0.43	-0.52	0.46	-0.33	0.51	0.17	
		0.16	0.18	-0.19	-0.17	0.16	0.04	-0.13	-0.39	-0.57	-0.68	0.29	-0.52	0.31	-0.05	
14000 MHz	INTERCEPT (mV)	4725.1														Measured Value (mV)
	SLOPE (mV/dB)	68.07														Error (mV)
		302	657	971	1318	1684	2011	2348	2657	2994	3325	3732	4022	4419	4738	LINEARITY ERROR (dB)
		2	16	-10	-3	22	9	5	-26	-29	-39	28	-22	34	13	ACCURACY ERROR (dB)
		0.03	0.24	-0.15	-0.05	0.33	0.13	0.08	-0.38	-0.43	-0.57	0.41	-0.33	0.50	0.19	
		0.47	0.65	0.23	0.30	0.64	0.42	0.34	-0.15	-0.23	-0.40	0.54	-0.23	0.57	0.23	
15000 MHz	INTERCEPT (mV)	4710.3														Measured Value (mV)
	SLOPE (mV/dB)	68.28														Error (mV)
		279	627	943	1294	1658	1990	2328	2638	2961	3305	3712	4009	4407	4724	LINEARITY ERROR (dB)
		7	14	-12	-2	20	11	8	-24	-42	-40	26	-18	38	14	ACCURACY ERROR (dB)
		0.10	0.20	-0.17	-0.03	0.30	0.16	0.11	-0.35	-0.62	-0.58	0.38	-0.27	0.56	0.20	
		0.13	0.21	-0.18	-0.05	0.26	0.11	0.04	-0.43	-0.72	-0.69	0.25	-0.42	0.39	0.02	
16000 MHz	INTERCEPT (mV)	4677.3														Measured Value (mV)
	SLOPE (mV/dB)	67.96														Error (mV)
		269	606	925	1272	1636	1971	2308	2630	2952	3282	3690	3968	4367	4686	LINEARITY ERROR (dB)
		9	6	-15	-7	17	12	9	-9	-26	-36	32	-30	29	9	ACCURACY ERROR (dB)
		0.13	0.09	-0.22	-0.11	0.25	0.18	0.14	-0.13	-0.39	-0.53	0.47	-0.44	0.43	0.13	
		-0.01	-0.09	-0.44	-0.37	-0.06	-0.17	-0.25	-0.55	-0.85	-1.03	-0.07	-1.02	-0.19	-0.53	
17000 MHz	INTERCEPT (mV)	4718.1														Measured Value (mV)
	SLOPE (mV/dB)	68.72														Error (mV)
		266	606	924	1272	1636	1975	2315	2646	2980	3307	3718	4009	4405	4725	LINEARITY ERROR (dB)
		15	11	-14	-10	10	6	2	-10	-20	-37	31	-22	31	7	ACCURACY ERROR (dB)
		0.22	0.16	-0.21	-0.14	0.15	0.09	0.03	-0.15	-0.29	-0.53	0.45	-0.32	0.44	0.10	
		-0.06	-0.09	-0.45	-0.37	-0.06	-0.11	-0.15	-0.31	-0.44	-0.66	0.34	-0.42	0.36	0.04	
18000 MHz	INTERCEPT (mV)	4695.3														Measured Value (mV)
	SLOPE (mV/dB)	68.94														Error (mV)
		240	566	890	1236	1595	1941	2276	2622	2958	3282	3694	3980	4381	4704	LINEARITY ERROR (dB)
		26	7	-13	-12	2	3	-6	-5	-14	-34	33	-26	30	9	ACCURACY ERROR (dB)
		0.38	0.11	-0.19	-0.18	0.03	0.05	-0.09	-0.07	-0.20	-0.50	0.48	-0.38	0.44	0.13	
		-0.44	-0.68	-0.95	-0.90	-0.66	-0.61	-0.72	-0.66	-0.76	-1.03	-0.02	-0.84	0.01	-0.27	
Flatness	+/- dB	0.45	0.66	0.59	0.60	0.65	0.51	0.53	0.36	0.40	0.43	0.53	0.72	0.66	0.55	
-65dBm mV-Out		302	Max													
		240	Min													



LOG TRANSFER WITH FREQUENCY  
 MODEL: ERDLVA-8G18G-65-70MV-2  
 TESTED BY: JIM HOPSON  
 DATE: 11/29/25  
 SERIAL NO: PL55702-RF

Test Temp: -10C

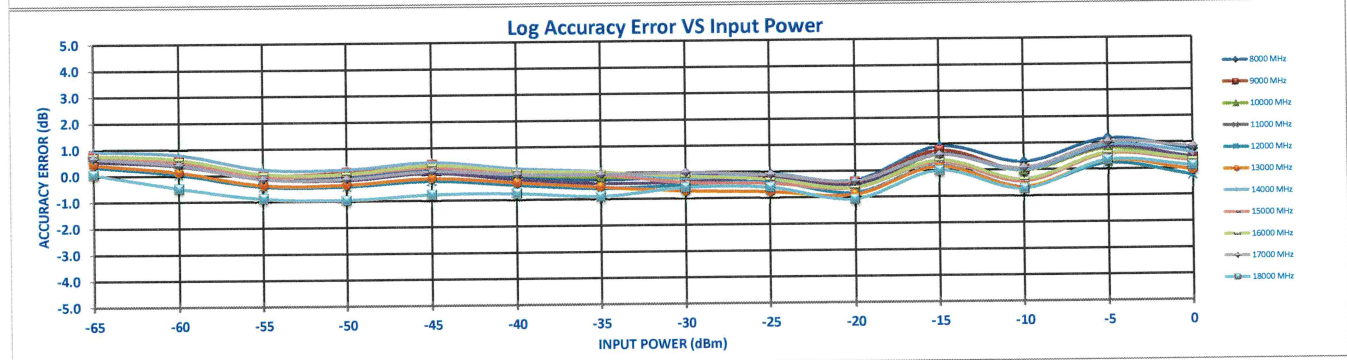
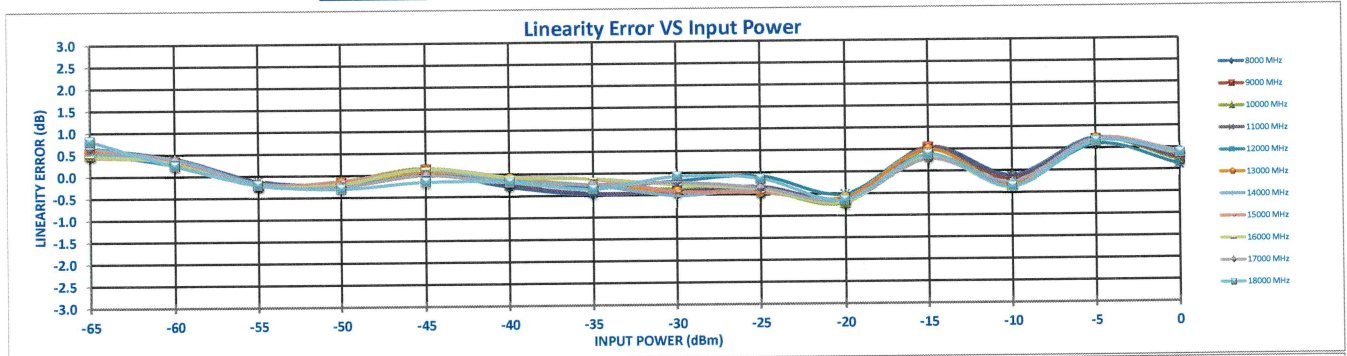


PLANAR MONOLITHICS INDUSTRIES  
 4921 Robert J. Mathews Parkway STE 1  
 TEL: 916-542-1401 FAX: 301-662-1731  
 EMAIL: SALES@PMI-RF.COM  
 ISO 9001:2000 CERTIFIED

DC Offset= 0.036

Frequency

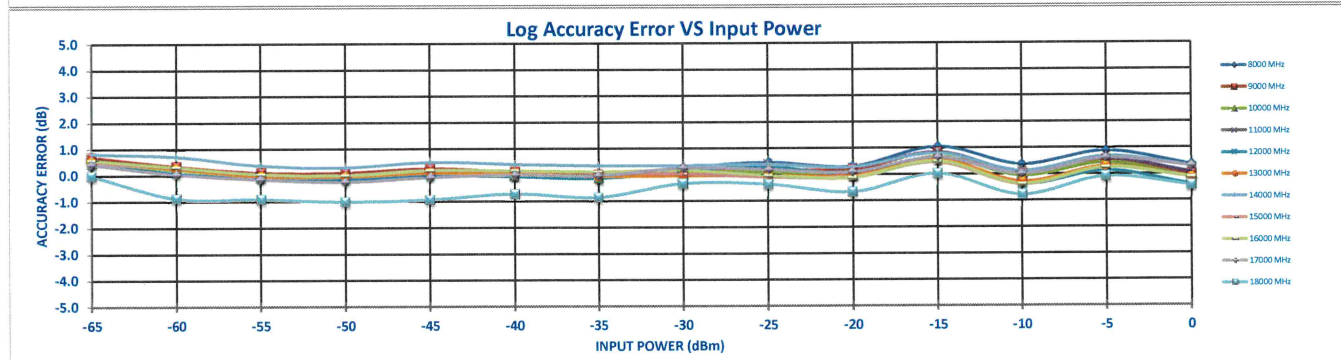
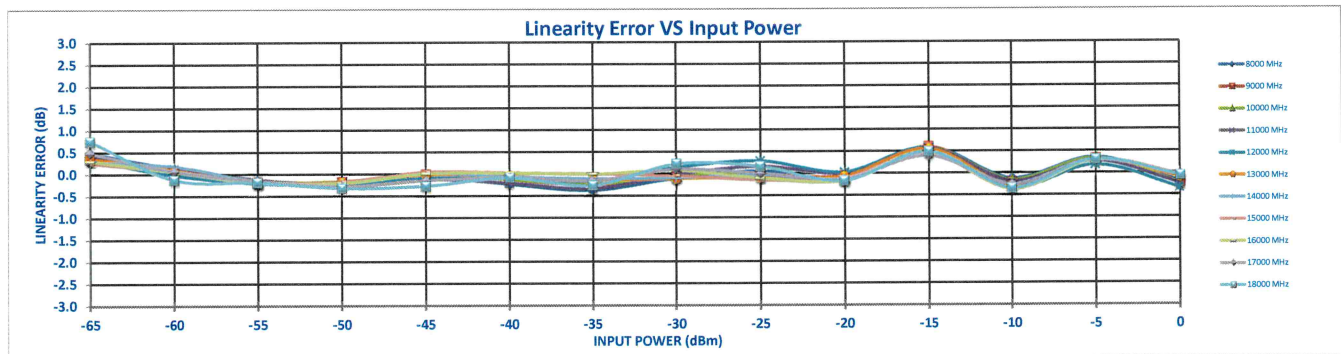
Frequency	Intercept (mV)	Slope (mV/dB)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4799.7	267	601	914	1265	1633	1961	2300	2658	3012	3343	3781	4088	4499	4818	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	70.45	47	28	-11	-12	4	-21	-34	-28	-26	-48	38	-7	52	18	
			0.66	0.40	-0.15	-0.17	0.05	-0.29	-0.48	-0.40	-0.37	-0.68	0.54	-0.10	0.73	0.26	
9000 MHz	INTERCEPT (mV)	4780.2	274	611	922	1275	1644	1970	2312	2657	3003	3339	3770	4067	4480	4795	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.90	37	25	-14	-10	9	-14	-22	-26	-30	-43	38	-14	49	15	
			0.53	0.35	-0.20	-0.15	0.13	-0.20	-0.31	-0.38	-0.43	-0.62	0.55	-0.20	0.70	0.21	
10000 MHz	INTERCEPT (mV)	4772.7	268	607	919	1272	1641	1966	2307	2652	2999	3326	3759	4065	4473	4788	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.84	35	25	-13	-9	11	-13	-21	-26	-28	-50	34	-9	49	15	
			0.50	0.35	-0.18	-0.13	0.16	-0.19	-0.31	-0.37	-0.40	-0.72	0.48	-0.13	0.71	0.22	
11000 MHz	INTERCEPT (mV)	4778.3	258	596	910	1255	1622	1953	2290	2643	3001	3331	3761	4067	4477	4796	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	70.19	42	29	-8	-14	2	-18	-32	-30	-23	-44	36	-9	50	18	
			0.60	0.41	-0.11	-0.20	0.03	-0.25	-0.45	-0.40	-0.32	-0.62	0.51	-0.13	0.71	0.25	
12000 MHz	INTERCEPT (mV)	4740.9	244	573	889	1238	1601	1938	2277	2635	2991	3310	3730	4021	4433	4749	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.77	38	18	-15	-15	0	-12	-22	-13	-6	-36	36	-22	41	8	
			0.54	0.26	-0.21	-0.21	0.01	-0.18	-0.32	-0.19	-0.08	-0.51	0.51	-0.32	0.59	0.12	
13000 MHz	INTERCEPT (mV)	4739.6	250	579	893	1243	1608	1945	2281	2619	2965	3305	3728	4021	4440	4763	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.70	41	21	-13	-12	5	-7	-19	-30	-32	-41	34	-22	49	23	
			0.59	0.31	-0.19	-0.17	0.07	-0.09	-0.27	-0.42	-0.46	-0.58	0.49	-0.31	0.70	0.34	
14000 MHz	INTERCEPT (mV)	4780.8	285	625	935	1283	1651	1982	2322	2653	3011	3341	3759	4066	4482	4810	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.73	37	28	-11	-11	8	-10	-18	-36	-27	-45	24	-18	50	29	
			0.52	0.40	-0.15	-0.16	0.11	-0.14	-0.26	-0.52	-0.38	-0.65	0.35	-0.25	0.71	0.42	
15000 MHz	INTERCEPT (mV)	4758	266	607	917	1270	1637	1971	2314	2641	2987	3323	3739	4036	4458	4787	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.58	31	24	-14	-9	10	-4	-9	-30	-31	-43	25	-26	48	29	
			0.44	0.34	-0.20	-0.13	0.15	-0.05	-0.12	-0.43	-0.45	-0.62	0.36	-0.38	0.69	0.42	
16000 MHz	INTERCEPT (mV)	4763.5	275	613	923	1272	1643	1976	2321	2658	2998	3324	3744	4042	4461	4792	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	69.55	32	23	-15	-14	9	-5	-8	-19	-27	-48	24	-26	45	29	
			0.47	0.33	-0.22	-0.20	0.14	-0.08	-0.12	-0.27	-0.38	-0.70	0.34	-0.37	0.65	0.41	
17000 MHz	INTERCEPT (mV)	4794.2	266	598	909	1258	1627	1966	2314	2668	3010	3341	3758	4072	4489	4825	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	70.37	46	26	-15	-18	-1	-13	-17	-15	-25	-46	19	-19	47	31	
			0.65	0.37	-0.21	-0.25	-0.01	-0.19	-0.25	-0.22	-0.36	-0.65	0.27	-0.26	0.66	0.44	
18000 MHz	INTERCEPT (mV)	4747.9	224	536	857	1202	1565	1916	2256	2628	2976	3293	3717	4017	4441	4774	Measured Value (mV) Error (mV) LINEARITY ERROR (dB) ACCURACY ERROR (dB)
	SLOPE (mV/dB)	70.48	57	17	-14	-22	-11	-13	-25	-5	-10	-45	26	-26	46	26	
			0.81	0.24	-0.21	-0.31	-0.16	-0.18	-0.36	-0.08	-0.14	-0.64	0.37	-0.37	0.65	0.37	
Flatness		+/- dB	0.44	0.64	0.56	0.58	0.61	0.47	0.47	0.35	0.34	0.36	0.46	0.51	0.47	0.54	
-65dBm mV-Out			285	Max													
			224	Min													





DC Offset= 0.060

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4750.7														Measured Value (mV)
	SLOPE (mV/dB)	69.60														
		260	583	913	1257	1614	1950	2288	2655	3014	3349	3747	4046	4427	4737	LINEARITY ERROR (dB)
		34	9	-10	-14	-5	-17	-27	-8	3	-10	40	-9	24	-14	ACCURACY ERROR (dB)
		0.48	0.12	-0.14	-0.19	-0.07	-0.24	-0.38	-0.11	0.05	-0.14	0.58	-0.12	0.35	-0.20	
		0.65	0.32	0.09	0.06	0.22	0.07	-0.04	0.26	0.45	0.29	1.04	0.37	0.87	0.35	
9000 MHz	INTERCEPT (mV)	4726.8														Measured Value (mV)
	SLOPE (mV/dB)	69.11														
		262	584	913	1259	1616	1953	2290	2649	2997	3340	3731	4021	4403	4711	LINEARITY ERROR (dB)
		28	4	-13	-12	-1	-9	-18	-4	-2	-5	41	-15	22	-16	ACCURACY ERROR (dB)
		0.40	0.06	-0.18	-0.18	-0.01	-0.13	-0.26	-0.06	-0.03	-0.07	0.59	-0.21	0.31	-0.23	
		0.68	0.33	0.09	0.09	0.25	0.12	-0.01	0.18	0.21	0.16	0.81	0.00	0.53	-0.02	
10000 MHz	INTERCEPT (mV)	4718.7														Measured Value (mV)
	SLOPE (mV/dB)	69.14														
		249	576	904	1250	1606	1944	2282	2641	2989	3326	3720	4016	4396	4702	LINEARITY ERROR (dB)
		25	6	-12	-11	-1	-9	-17	-3	-1	-10	38	-11	23	-17	ACCURACY ERROR (dB)
		0.36	0.09	-0.17	-0.17	-0.02	-0.13	-0.24	-0.05	-0.02	-0.14	0.56	-0.16	0.33	-0.24	
		0.49	0.22	-0.04	-0.04	0.10	-0.01	-0.13	0.06	0.09	-0.04	0.65	-0.07	0.42	-0.15	
11000 MHz	INTERCEPT (mV)	4734.4														Measured Value (mV)
	SLOPE (mV/dB)	69.41														
		252	578	908	1246	1602	1943	2281	2650	3010	3346	3732	4027	4406	4717	LINEARITY ERROR (dB)
		30	8	-9	-18	-9	-15	-24	-2	11	0	39	-13	19	-17	ACCURACY ERROR (dB)
		0.43	0.12	-0.12	-0.23	-0.13	-0.21	-0.34	-0.03	0.16	0.00	0.56	-0.19	0.27	-0.25	
		0.53	0.25	0.02	-0.10	0.05	-0.03	-0.14	0.19	0.39	0.25	0.83	0.09	0.57	0.06	
12000 MHz	INTERCEPT (mV)	4707.6														Measured Value (mV)
	SLOPE (mV/dB)	69.00														
		245	566	898	1242	1597	1941	2281	2647	3002	3329	3712	3994	4375	4684	LINEARITY ERROR (dB)
		22	-2	-15	-16	-6	-7	-12	9	19	1	39	-24	12	-24	ACCURACY ERROR (dB)
		0.32	-0.03	-0.21	-0.23	-0.08	-0.10	-0.12	0.13	0.28	0.02	0.57	-0.34	0.18	-0.34	
		0.43	0.07	-0.13	-0.16	-0.03	-0.06	-0.14	0.15	0.28	0.00	0.54	-0.39	0.12	-0.41	
13000 MHz	INTERCEPT (mV)	4710.4														Measured Value (mV)
	SLOPE (mV/dB)	68.97														
		252	578	904	1249	1605	1948	2286	2633	2979	3326	3714	4000	4386	4703	LINEARITY ERROR (dB)
		25	6	-13	-13	-2	-3	-10	-8	-7	-5	38	-21	20	-7	ACCURACY ERROR (dB)
		0.36	0.09	-0.19	-0.18	-0.02	-0.05	-0.15	-0.12	-0.10	-0.07	0.55	-0.30	0.30	-0.11	
		0.53	0.25	-0.04	-0.06	0.09	0.05	-0.07	-0.05	-0.05	-0.04	0.57	-0.30	0.28	-0.14	
14000 MHz	INTERCEPT (mV)	4736.7														Measured Value (mV)
	SLOPE (mV/dB)	68.98														
		271	610	932	1273	1633	1973	2314	2660	3009	3347	3730	4029	4413	4733	LINEARITY ERROR (dB)
		18	12	-11	-15	0	-4	-8	-7	-3	-10	28	-18	21	-4	ACCURACY ERROR (dB)
		0.26	0.18	-0.15	-0.21	0.01	-0.06	-0.12	-0.10	-0.05	-0.15	0.41	-0.26	0.31	-0.05	
		0.81	0.71	0.36	0.29	0.49	0.41	0.33	0.34	0.38	0.26	0.80	0.12	0.67	0.29	
15000 MHz	INTERCEPT (mV)	4706.8														Measured Value (mV)
	SLOPE (mV/dB)	68.84														
		249	581	909	1253	1612	1955	2297	2638	2975	3321	3705	3993	4383	4704	LINEARITY ERROR (dB)
		17	4	-12	-12	3	2	-1	-4	-11	-9	31	-25	20	-3	ACCURACY ERROR (dB)
		0.24	0.06	-0.17	-0.17	0.04	0.02	-0.01	-0.05	-0.16	-0.13	0.45	-0.37	0.30	-0.04	
		0.49	0.29	0.03	0.00	0.19	0.15	0.09	0.02	-0.11	-0.11	0.44	-0.40	0.24	-0.12	
16000 MHz	INTERCEPT (mV)	4707.8														Measured Value (mV)
	SLOPE (mV/dB)	68.82														
		254	582	909	1252	1611	1956	2298	2648	2979	3319	3708	3994	4383	4703	LINEARITY ERROR (dB)
		19	3	-14	-15	0	1	-1	5	-8	-12	33	-26	19	-5	ACCURACY ERROR (dB)
		0.28	0.05	-0.20	-0.22	0.00	0.01	-0.02	0.07	-0.12	-0.18	0.47	-0.37	0.28	-0.07	
		0.56	0.30	0.03	-0.01	0.18	0.16	0.10	0.16	-0.05	-0.14	0.48	-0.39	0.24	-0.14	
17000 MHz	INTERCEPT (mV)	4736.1														Measured Value (mV)
	SLOPE (mV/dB)	69.62														
		244	563	896	1235	1593	1945	2288	2654	2995	3334	3719	4021	4408	4733	LINEARITY ERROR (dB)
		33	4	-11	-20	-10	-6	-11	7	-1	-10	27	-19	20	-3	ACCURACY ERROR (dB)
		0.48	0.06	-0.16	-0.29	-0.15	-0.09	-0.16	0.09	-0.01	-0.14	0.39	-0.27	0.29	-0.04	
		0.42	0.03	-0.16	-0.26	-0.09	0.00	-0.04	0.25	0.18	0.08	0.64	0.00	0.60	0.29	
18000 MHz	INTERCEPT (mV)	4687.1														Measured Value (mV)
	SLOPE (mV/dB)	69.63														
		213	500	844	1183	1534	1895	2231	2613	2957	3282	3676	3966	4360	4682	LINEARITY ERROR (dB)
		52	-9	-13	-22	-20	-7	-19	15	11	-12	33	-25	21	-5	ACCURACY ERROR (dB)
		0.75	-0.13	-0.19	-0.32	-0.28	-0.10	-0.27	0.21	0.15	-0.18	0.48	-0.36	0.30	-0.07	
		-0.03	-0.88	-0.91	-1.01	-0.94	-0.72	-0.86	-0.34	-0.37	-0.68	0.02	-0.79	-0.10	-0.44	
Flatness	+/- dB	0.42	0.79	0.64	0.65	0.72	0.56	0.60	0.34	0.41	0.48	0.51	0.58	0.48	0.40	
-65dBm mV-Out		271	Max	213	Min											

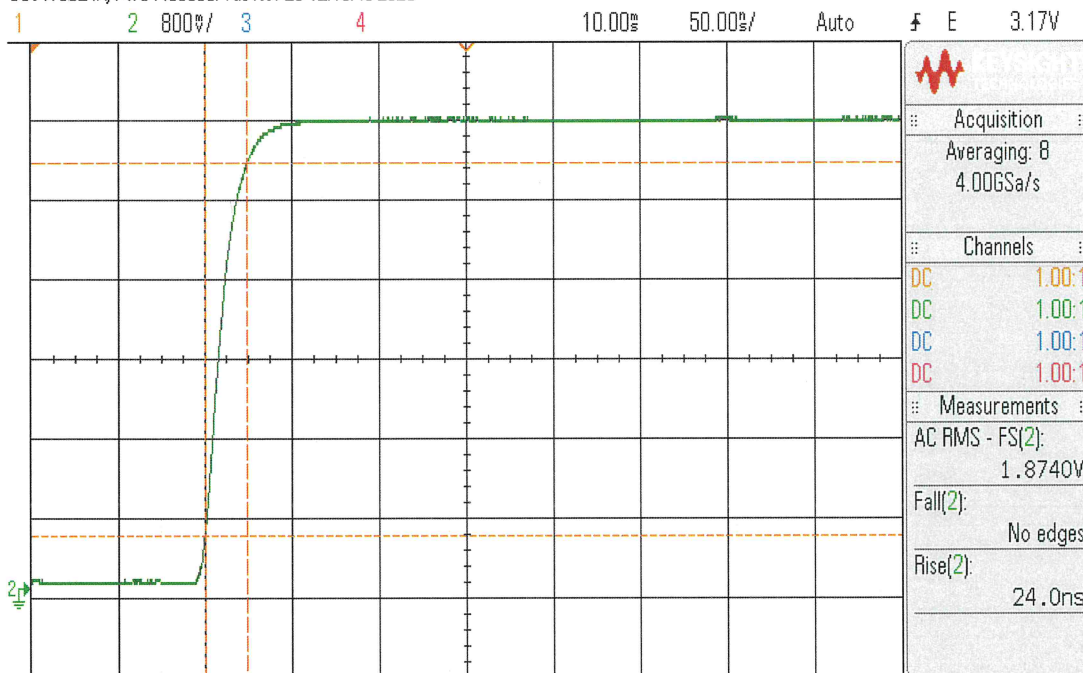


**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RISE TIME/SETTING TIME @ 0dBm

DSO-X 3024A, MY54490369, Tue Nov 25 12:18:40 2025



Measurement Menu

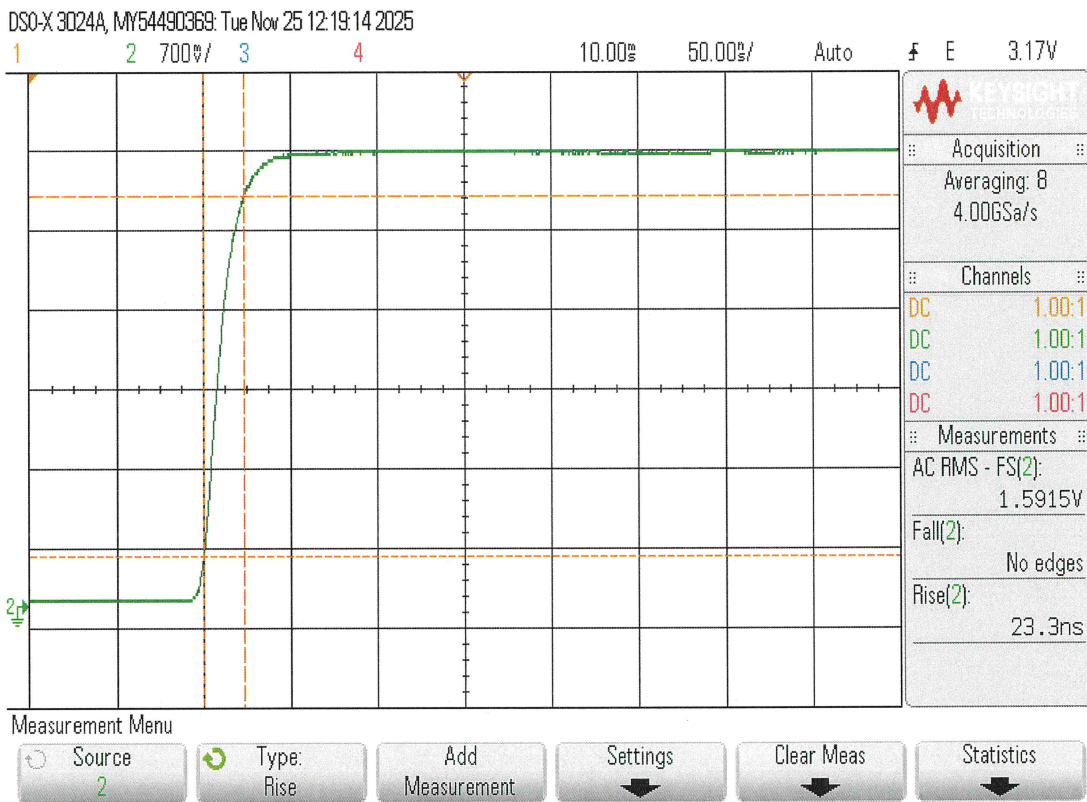
Source 2 Type: Rise Add Measurement Settings Clear Meas Statistics

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

**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RISE TIME/SETTING TIME @ -10dBm



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

**Summary Data**  
**For**  
**ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RISE TIME/SETTING TIME @ -40dBm



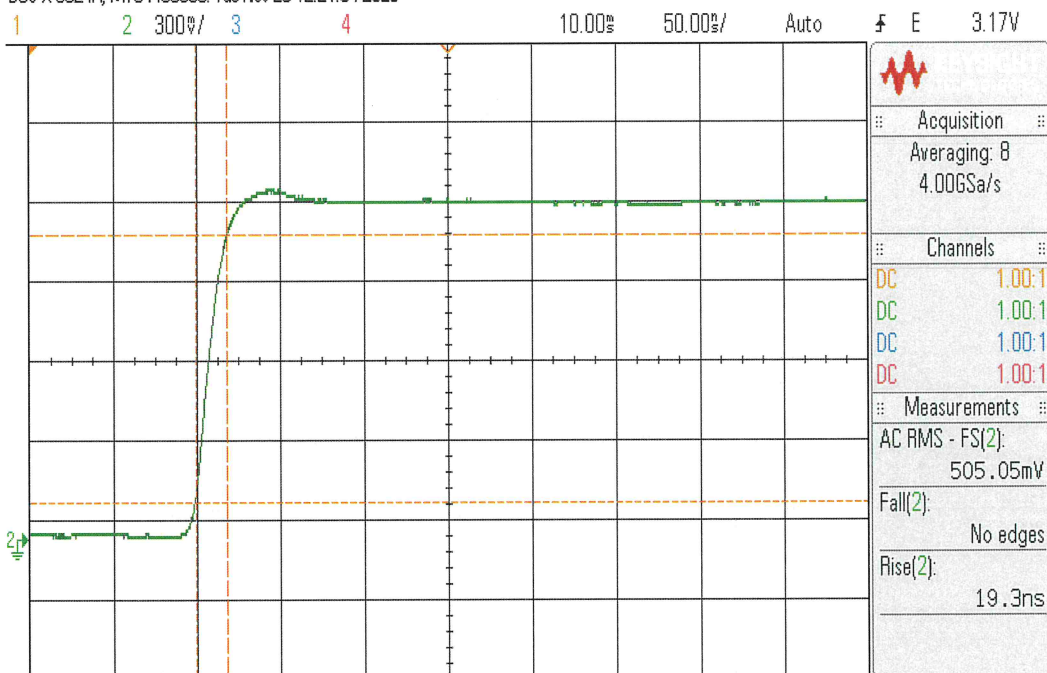
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: sales@quanticpmi.com

**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RISE TIME/SETTING TIME @ -50dBm

DSO-X 3024A, MY54490369, Tue Nov 25 12:21:04 2025



Measurement Menu

Source 2    Type: Rise    Add Measurement    Settings    Clear Meas    Statistics

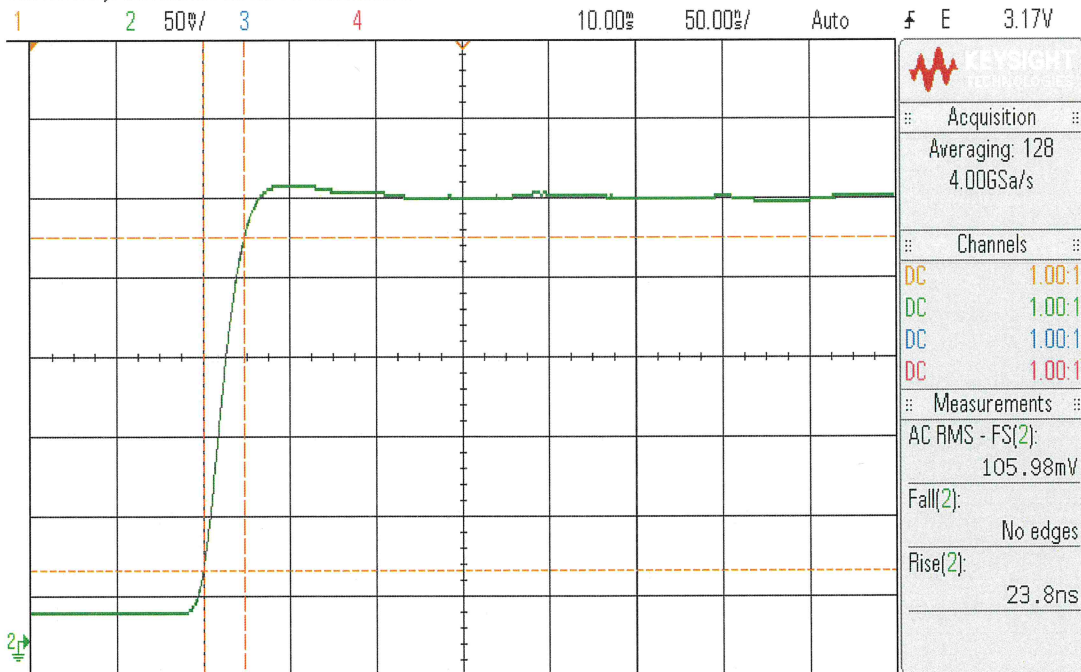
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: sales@quanticpmi.com

**Summary Data**  
**For**  
**ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RISE TIME/SETTING TIME @ -65dBm

DSO-X 3024A, MY54490369, Tue Nov 25 12:22:00 2025



Acquire Menu

Acq Mode Averaging # Avgs 128

Segmented

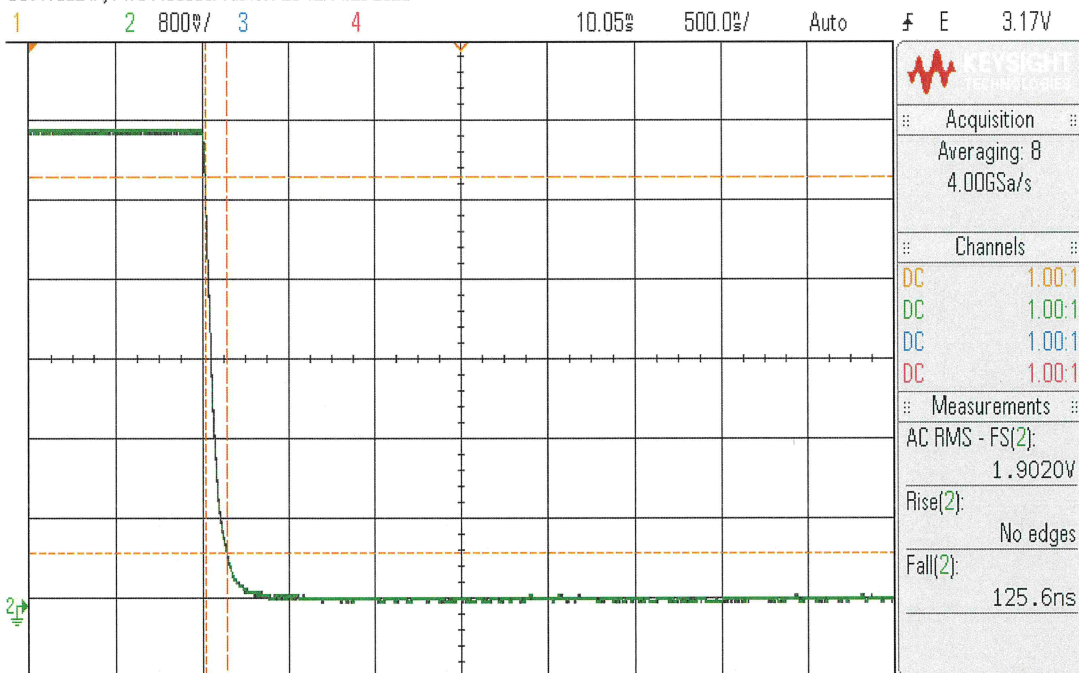
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: sales@quanticpmi.com

**Summary Data**  
**For**  
**ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RECOVERY TIME @ 0dBm

DSO-X 3024A, MY54490369, Tue Nov 25 12:14:20 2025



Measurement Menu

Source 2 Type: Fall Add Measurement Settings Clear Meas Statistics

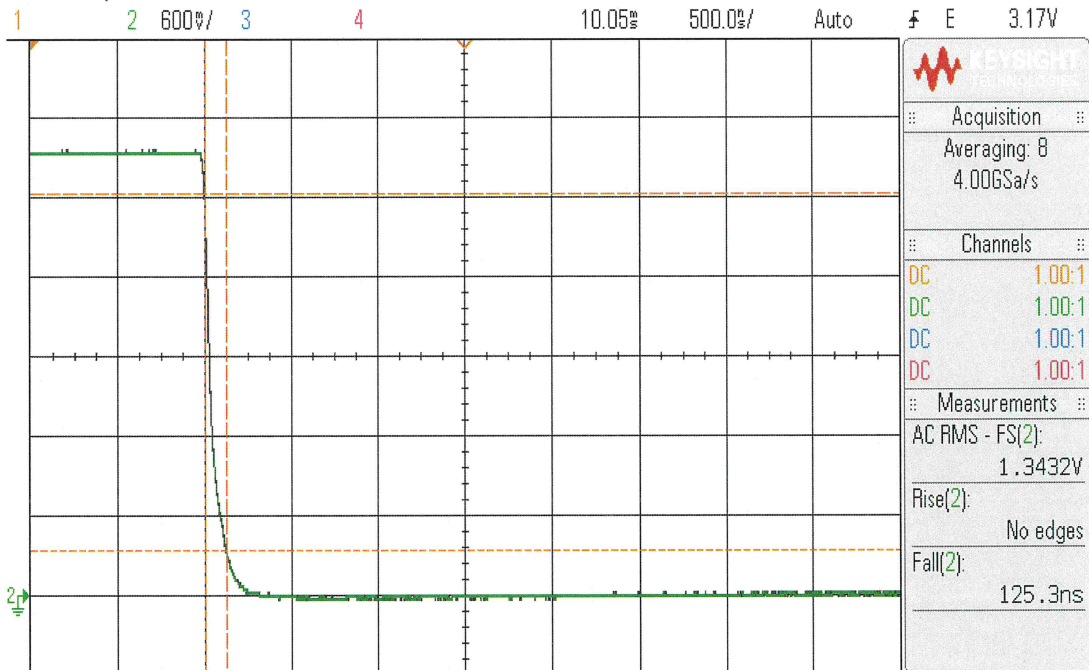
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: sales@quanticpmi.com

**Summary Data**  
**For**  
**ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RECOVERY TIME @ -20dBm

DSO-X 3024A, MY54490369, Tue Nov 25 12:16:19 2025



Measurement Menu

Source 2    Type: Fall    Add Measurement    Settings    Clear Meas    Statistics

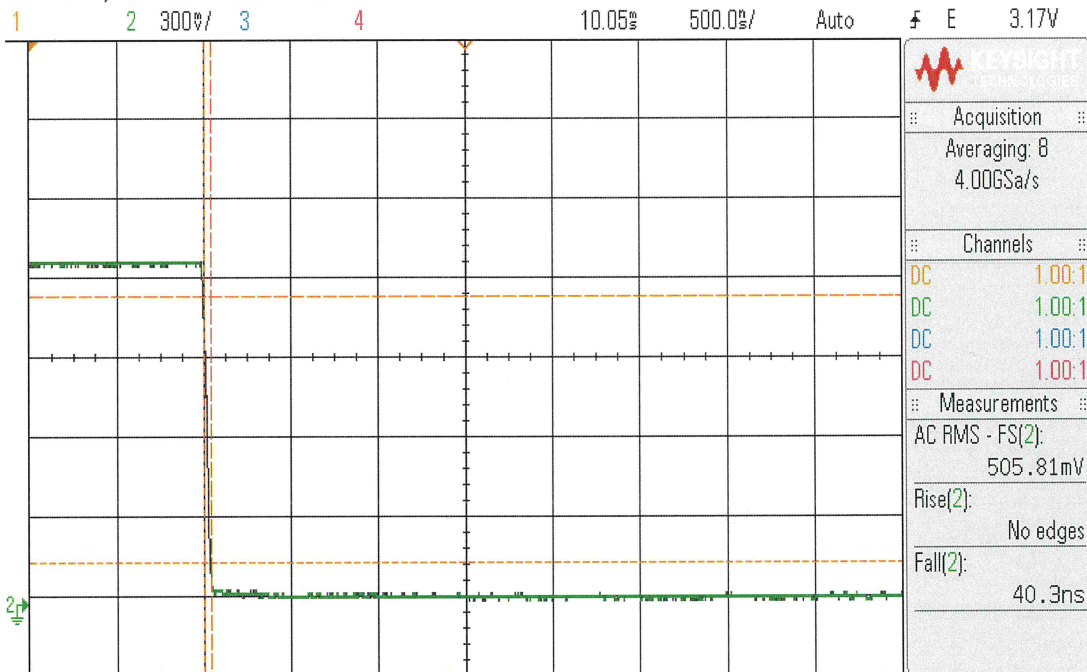
7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: sales@quanticpmi.com

**Summary Data**  
**For**  
**ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RECOVERY TIME @ -50dBm

DSO-X 3024A, MY54490369, Tue Nov 25 12:16:58 2025



Measurement Menu

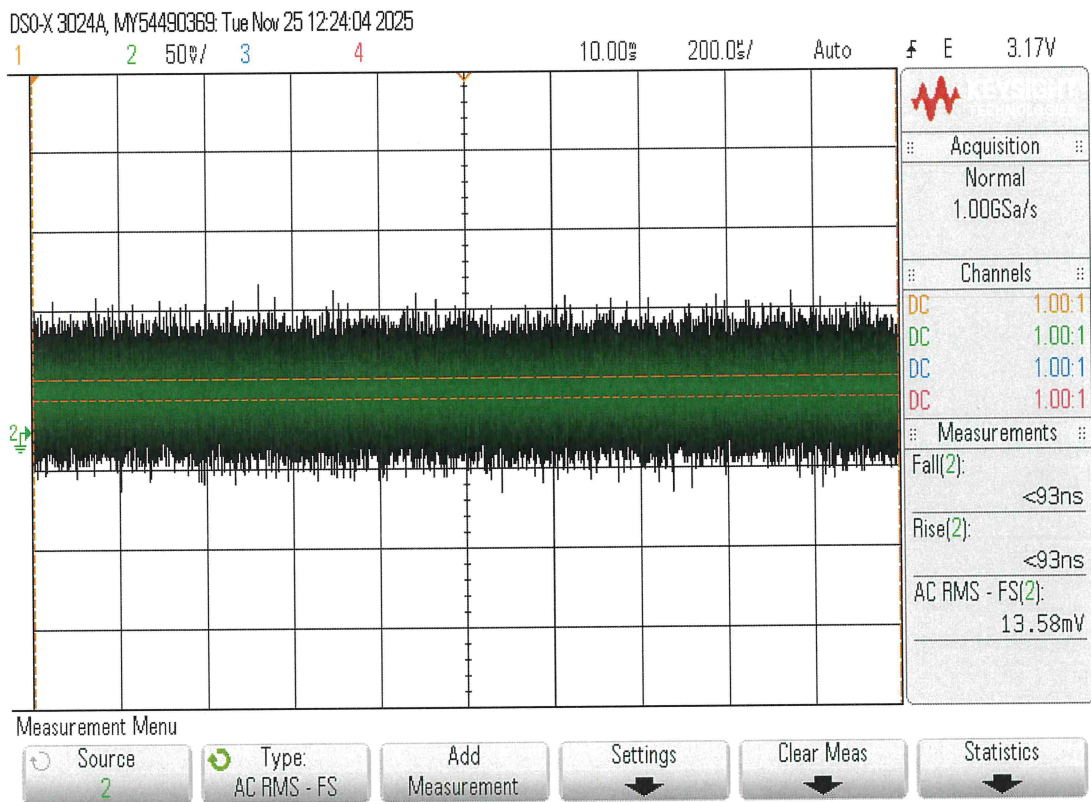
Source 2    Type: Fall    Add Measurement    Settings    Clear Meas    Statistics

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Email: sales@quanticpmi.com

**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

RMS NOISE



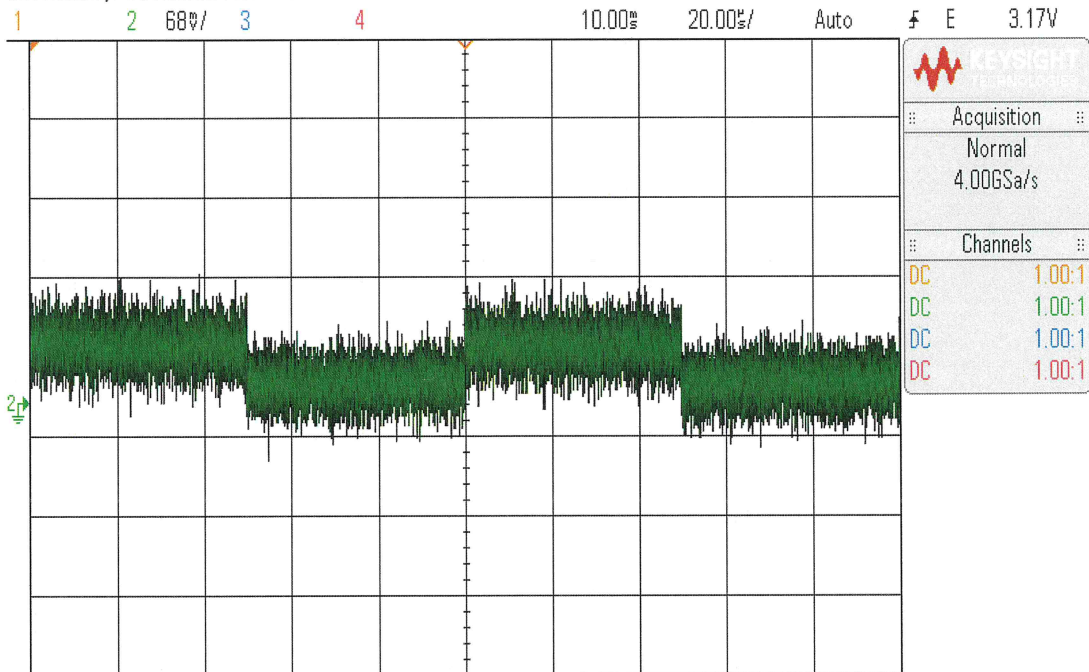
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Email: sales@quanticpmi.com

**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

TSS

DSO-X 3024A, MY54490369: Tue Nov 25 12:23:09 2025



Cursors Menu

Mode  
Off

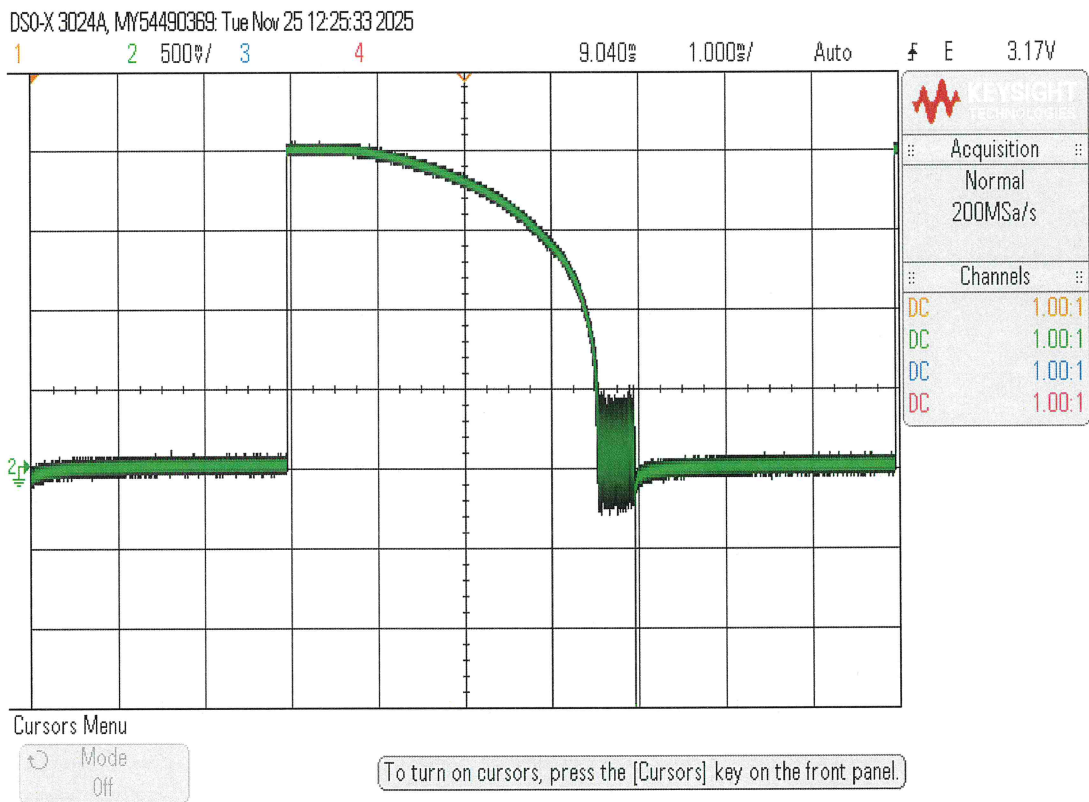
To turn on cursors, press the [Cursors] key on the front panel.

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**Summary Data**  
**For**  
**ERDLVA-8G18G-65-70MV-2**

Serial No: PL55702/2548

CW IMMUNITY TIME

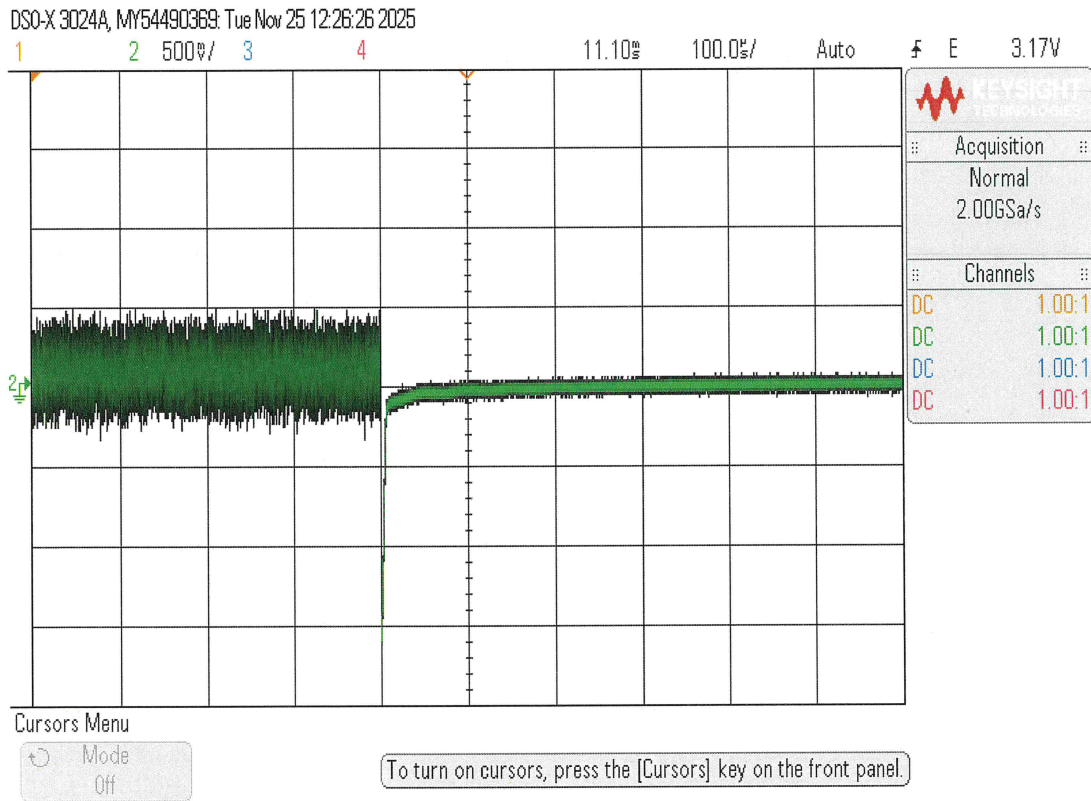


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**Summary Data  
For  
ERDLVA-8G18G-65-70MV-2**

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CW RECOVERY TIME



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