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

Customer: ____ **Tested By:** J. Emperador

SO No: ____ **Temperature:** +25°C (Unless Otherwise Specified)

Model No: ERDLVA-8G18G-65-70MV **Date** 1/15/2019

Serial No: PL23460 **Drawing No:** 27633290 **Rev:** A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	8 to 18 GHz	**8 to 18 GHz**	PMI QA 1
2	VSWR:	2.3:1 Max @ 50 Ω	**1.81:1 @ 50 Ω (RF In)** **1.92:1 @ 50 Ω (Bit In)**	
3	Input Power Max:	(1) 1 W CW (2) 100 W Peak @ PW = 1 us & Duty Cycle = 1%	(1) 1 W CW (2) 100 W Peak @ PW = 1 us & Duty Cycle = 1%	
4	Switch Isolation:	60 dB Min (All Ports)	**65 dB**	
5	Switching Speed:	100 ns Max	**34 ns**	
6	Video Frequency Flatness:	±1.75 dB Max @ 25°C	**±1.10 dB**	
7	TSS:	-71 dBm	**-71.4 dBm**	PMI QA 1

Planar Monolithics Industries
Phone: (916) 542-1401 Fax: (916) 265-2597
Website: www.pmi-rf.com Email: sales@pmi-rf.com

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

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
8	Dynamic Range:	-65 to 0 dBm	**-65 to 0 dBm**	PMI QA 1
9	Log Slope: @+25°C, -10°C, +85°C	70 mV/dB ±3 mV/dB	**68.58 mV/dB**	
10	Log Linearity: @+25°C	±1.0 dB Max	**+0.40 / -0.50 dB**	
11	Log Accuracy @ 25°C:	±1.75 dB Max	**+1.14 / -1.12 dB**	
12	Absolute Log Accuracy: @+25°C, -10°C, +85°C	±2.0 dB Max	**+1.14 / -1.71 dB**	
13	DC Offset:	0 - 100mV	**+53 mV**	
14	Rise Time:	28 ns Max (10% to 90% @ -40 & -10 dBm)	**23.4 ns**	
15	Fall Time:	300 ns Max (90% to 10% @ -40 & -10 dBm)	**130.4 ns**	
16	Settling Time:	50 ns Max (From 10% to within 35 mV of final value @ -40 & -10 dBm)	**47 ns**	
17	Recovery Time:	500 ns Max (From 90% of a -5 dBm, 100us Pulse to within ±1 dB of baseline) without Amplitude loss of a following -65 dBm, 100ns Pulse	**185 ns**	
18	Pulse Width Process Range:	100ns to 100us	**100 ns to 100 us**	
19	Video Output Load Impedance:	95 ±1 Ω	**95 Ω**	PMI QA 1

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

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
20	Video Output @ -65 dBm:	320 ± 123 mV Over Frequeny	**+259 - 333 mV**	PMI QA 1
21	Video Output Drive Capbility:	Driving 100 Ft RG180 into 95 Ω Load	**Pass**	
22	Pulse Density Capability:	No Pulse Amplitude Loss 20% Duty @ 100ns PW 70% Duty @ 100us PW	**20% Duty @ ns PW 70% Duty @ us PW**	
23	Noise Level:	30 mV RMS Max	**14.22 mV**	
24	Pulse Droop @ -65 dBm:	70 mV Max	**0 mV**	
25	Propogation Delay:	80ns Max (50% RF to 10% Video)	**23 ns**	
26	CW Immune Power:	TSS to -40 dBm	**TSS to -40 dBm**	
27	Baseline Shift:	200 mV Max @ -40 dBm CW	**174 mV**	
28	Pulse Amplitude Loss with Pulse @ -30 dBm:	CW @ -50 dBm = No Loss CW @ -40 dBm = 2 dB Max	**-50 dBm = 0 dB -40 dBm = 1.83 dB**	
29	CW Immue Time @ CW = -40 dBm	4ms Max	**3.9 ms**	
30	CW Recovery Time @ CW = -40 dBm	120us Max	**55 us**	
31	DC Power:	+15V (±5%) @ 500 mA Max -15V (±5%) @ 200 mA Max	**+463 mA -138 mA**	PMI QA 1

QA/QC Approval: PMI QA 1 **Date:** 1/17/19

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LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-8G18G-65-70MV
TESTED BY: J. Emperador
DATE: 1/15/2019
SERIAL NO: PL23460

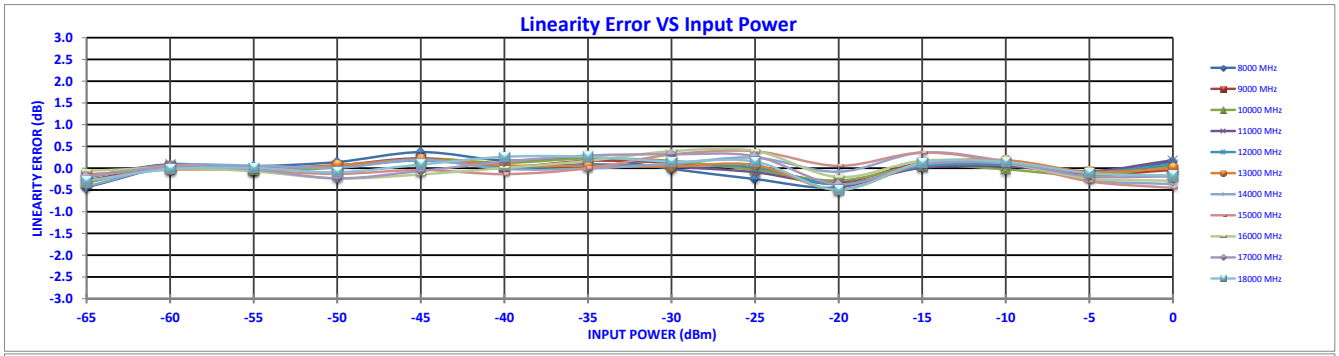
Test Temp: +25C

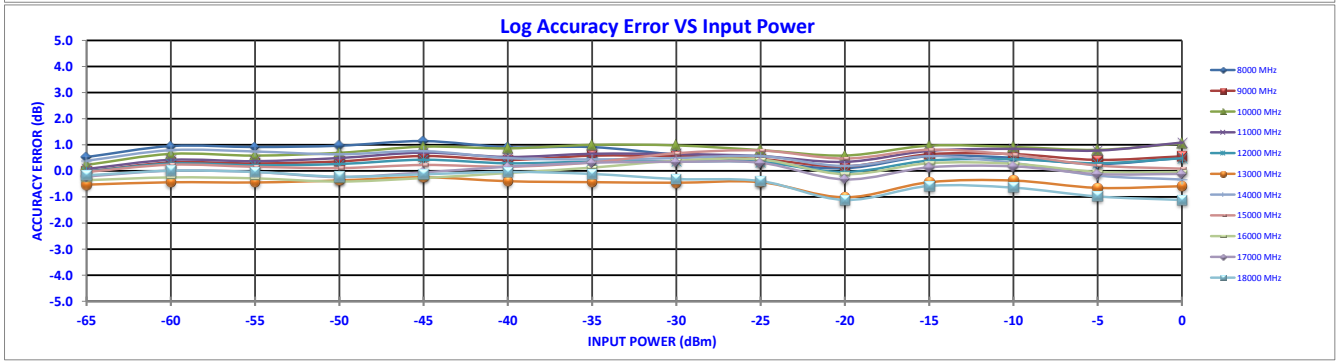
DC Offset= 0.053

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)
8000 MHz	INTERCEPT (mV)	4864.4	333	712	1059	1412	1774	2107	2457	2786	3116	3449	3831	4176	4509	4875	Measured Value (mV)
	SLOPE (mV/dB)	69.24	-31	2	3	10	26	12	16	-1	-17	-31	5	4	-9	11	Error (mV)
			-0.44	0.03	0.04	0.14	0.37	0.18	0.23	-0.02	-0.25	-0.44	0.08	0.06	-0.13	0.15	LINEARITY ERROR (dB)
			0.53	0.95	0.91	0.96	1.14	0.90	0.91	0.62	0.34	0.10	0.57	0.50	0.26	0.50	ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	4881.8	294	668	1015	1370	1734	2073	2434	2782	3124	3454	3836	4186	4520	4879	Measured Value (mV)
	SLOPE (mV/dB)	70.28	-20	3	-2	2	15	2	12	9	-1	-22	8	7	-10	-3	Error (mV)
			-0.28	0.04	-0.02	0.03	0.21	0.03	0.17	0.12	-0.01	-0.32	0.12	0.10	-0.15	-0.04	LINEARITY ERROR (dB)
			-0.03	0.32	0.28	0.36	0.57	0.42	0.58	0.56	0.45	0.17	0.64	0.64	0.42	0.56	ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	4910.7	312	691	1036	1393	1759	2104	2463	2811	3148	3483	3859	4205	4547	4914	Measured Value (mV)
	SLOPE (mV/dB)	70.38	-24	3	-4	2	16	9	16	12	-3	-20	4	-2	-12	3	Error (mV)
			-0.34	0.05	-0.05	0.02	0.22	0.12	0.22	0.17	-0.04	-0.28	0.06	-0.03	-0.17	0.05	LINEARITY ERROR (dB)
			0.23	0.65	0.59	0.69	0.93	0.86	1.00	0.97	0.80	0.59	0.97	0.91	0.81	1.06	ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	4903	301	675	1021	1379	1743	2081	2439	2788	3132	3466	3845	4200	4545	4916	Measured Value (mV)
	SLOPE (mV/dB)	70.57	-15	6	0	5	16	1	6	2	-7	-26	1	3	-5	13	Error (mV)
			-0.21	0.09	-0.01	0.07	0.22	0.01	0.09	0.03	-0.09	-0.36	0.01	0.04	-0.07	0.18	LINEARITY ERROR (dB)
			0.07	0.42	0.37	0.49	0.70	0.53	0.65	0.65	0.57	0.34	0.77	0.84	0.78	1.09	ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	4868	294	665	1010	1363	1724	2064	2418	2768	3116	3439	3819	4172	4511	4874	Measured Value (mV)
	SLOPE (mV/dB)	70.14	-15	6	0	2	12	2	5	4	2	-26	3	5	-6	6	Error (mV)
			-0.21	0.08	0.00	0.03	0.18	0.02	0.07	0.06	0.02	-0.37	0.04	0.08	-0.09	0.09	LINEARITY ERROR (dB)
			-0.03	0.28	0.21	0.26	0.43	0.29	0.35	0.36	0.34	-0.04	0.39	0.44	0.29	0.48	ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	4799.2	259	615	964	1319	1677	2016	2363	2711	3062	3371	3761	4115	4445	4799	Measured Value (mV)
	SLOPE (mV/dB)	69.70	-10	-2	-2	5	14	5	3	3	5	-34	7	13	-6	0	Error (mV)
			-0.14	-0.03	-0.03	0.07	0.20	0.07	0.05	0.04	0.07	-0.49	0.10	0.18	-0.08	0.00	LINEARITY ERROR (dB)
			-0.53	-0.44	-0.44	-0.37	-0.25	-0.40	-0.43	-0.46	-0.43	-1.01	-0.44	-0.37	-0.65	-0.59	ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	4842.3	323	701	1047	1389	1747	2078	2424	2777	3132	3455	3831	4162	4478	4817	Measured Value (mV)
	SLOPE (mV/dB)	69.08	-29	3	4	1	13	-1	-1	7	17	-6	25	11	-19	-25	Error (mV)
			-0.42	0.05	0.06	0.01	0.19	-0.02	-0.01	0.10	0.24	-0.08	0.36	0.15	-0.27	-0.37	LINEARITY ERROR (dB)
			0.39	0.79	0.74	0.63	0.76	0.49	0.44	0.49	0.57	0.19	0.57	0.30	-0.18	-0.33	ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	4877.9	293	662	1006	1352	1710	2055	2416	2790	3147	3475	3848	4184	4505	4846	Measured Value (mV)
	SLOPE (mV/dB)	70.33	-13	4	-4	-9	-3	-10	0	22	27	4	25	9	-21	-32	Error (mV)
			-0.19	0.06	-0.05	-0.13	-0.04	-0.14	0.00	0.31	0.39	0.05	0.36	0.13	-0.30	-0.45	LINEARITY ERROR (dB)
			-0.04	0.24	0.16	0.11	0.23	0.16	0.32	0.67	0.78	0.47	0.81	0.61	0.21	0.08	ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	4857.3	271	628	975	1316	1675	2038	2402	2770	3123	3433	3812	4160	4488	4837	Measured Value (mV)
	SLOPE (mV/dB)	70.49	-4	0	-5	-17	-10	0	12	27	28	-14	12	8	-17	-20	Error (mV)
			-0.06	0.00	-0.07	-0.24	-0.14	0.01	0.17	0.39	0.40	-0.20	0.17	0.11	-0.24	-0.29	LINEARITY ERROR (dB)
			-0.36	-0.25	-0.29	-0.41	-0.27	-0.08	0.12	0.39	0.44	-0.13	0.29	0.27	-0.04	-0.04	ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	4845.3	281	646	992	1328	1690	2055	2415	2767	3114	3419	3801	4153	4482	4832	Measured Value (mV)
	SLOPE (mV/dB)	70.02	-13	2	-2	-16	-4	10	20	22	19	-26	6	8	-13	-13	Error (mV)
			-0.19	0.03	-0.03	-0.23	-0.06	0.15	0.29	0.32	0.27	-0.37	0.09	0.11	-0.19	-0.19	LINEARITY ERROR (dB)
			-0.21	0.01	-0.04	-0.24	-0.06	0.16	0.31	0.35	0.31	-0.33	0.14	0.17	-0.12	-0.12	ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	4773.7	284	646	992	1329	1685	2041	2385	2721	3065	3364	3751	4096	4422	4762	Measured Value (mV)
	SLOPE (mV/dB)	68.77	-20	-2	0	-6	6	18	18	10	10	-34	9	10	-8	-12	Error (mV)
			-0.29	-0.02	0.01	-0.09	0.08	0.26	0.26	0.15	0.15	-0.50	0.13	0.15	-0.11	-0.17	LINEARITY ERROR (dB)
			-0.17	0.01	-0.04	-0.22	-0.13	-0.04	-0.12	-0.31	-0.39	-1.11	-0.58	-0.64	-0.98	-1.12	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.53	0.69	0.68	0.69	0.71	0.65	0.72	0.72	0.62	0.85	0.77	0.78	0.89	1.10	

-65dBm mV-Out		
333	Max	
259	Min	





LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-8G18G-65-70MV
TESTED BY: J. Emperador
DATE: 1/15/2019
SERIAL NO: PL23460

Test Temp: -10C

DC Offset= 0.087

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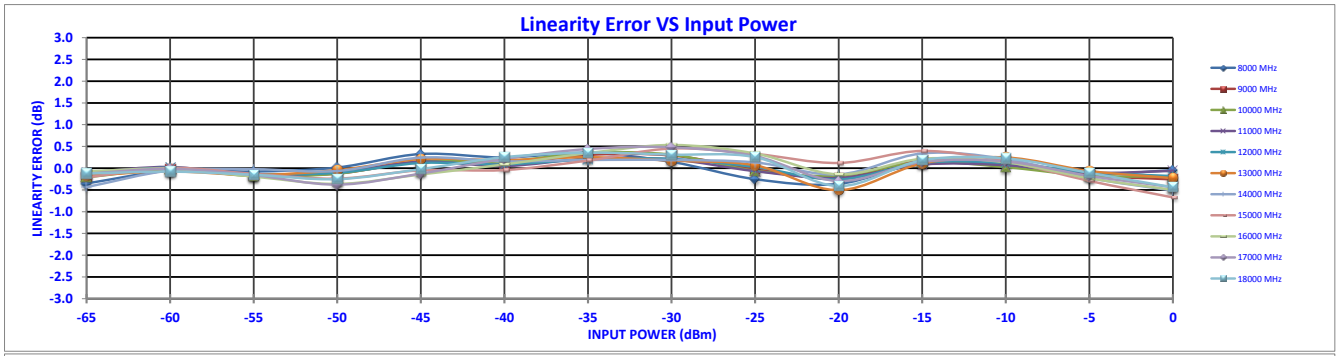
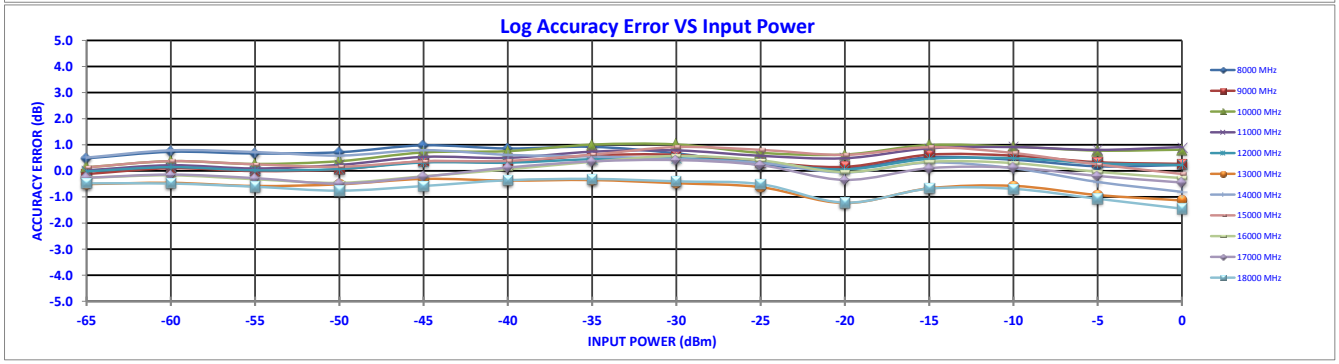
Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4903.1	374	741	1086	1439	1807	2148	2502	2834	3153	3492	3872	4215	4547	4900	Measured Value (mV)
	SLOPE (mV/dB)	69.30	-24	-4	-5	1	23	17	25	10	-17	-25	8	5	-10	-3	Error (mV)
			-0.35	-0.06	-0.08	0.02	0.33	0.25	0.35	0.14	-0.25	-0.36	0.12	0.07	-0.14	-0.04	LINEARITY ERROR (dB)
			0.48	0.73	0.66	0.71	0.98	0.86	0.92	0.67	0.23	0.08	0.52	0.43	0.17	0.22	ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	4921.2	332	697	1039	1393	1764	2112	2479	2830	3160	3497	3879	4226	4558	4903	Measured Value (mV)
	SLOPE (mV/dB)	70.39	-14	-1	-11	-9	10	6	21	21	-1	-16	14	9	-11	-18	Error (mV)
			-0.20	-0.01	-0.15	-0.12	0.15	0.09	0.31	0.29	-0.02	-0.23	0.19	0.12	-0.16	-0.26	LINEARITY ERROR (dB)
			-0.12	0.10	-0.01	0.06	0.36	0.34	0.59	0.61	0.33	0.15	0.62	0.58	0.33	0.27	ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	4954.4	350	716	1058	1415	1788	2141	2508	2858	3185	3530	3905	4250	4589	4941	Measured Value (mV)
	SLOPE (mV/dB)	70.61	-15	-2	-13	-9	11	11	25	22	-4	-12	10	2	-12	-13	Error (mV)
			-0.21	-0.03	-0.18	-0.13	0.16	0.16	0.35	0.31	-0.06	-0.17	0.14	0.02	-0.17	-0.19	LINEARITY ERROR (dB)
			0.14	0.37	0.26	0.37	0.71	0.76	1.01	1.01	0.69	0.63	0.99	0.93	0.78	0.81	ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	4952.4	342	705	1046	1405	1776	2123	2489	2842	3177	3520	3896	4249	4591	4948	Measured Value (mV)
	SLOPE (mV/dB)	70.82	-7	2	-11	-6	11	4	15	14	-5	-16	6	5	-7	-4	Error (mV)
			-0.10	0.03	-0.16	-0.09	0.15	0.05	0.22	0.20	-0.07	-0.22	0.08	0.07	-0.10	-0.06	LINEARITY ERROR (dB)
			0.02	0.21	0.09	0.23	0.54	0.50	0.73	0.78	0.58	0.48	0.86	0.91	0.80	0.91	ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	4912.7	339	700	1041	1394	1761	2110	2469	2821	3159	3490	3868	4219	4555	4900	Measured Value (mV)
	SLOPE (mV/dB)	70.23	-9	1	-9	-7	8	6	14	15	2	-18	9	9	-7	-13	Error (mV)
			-0.13	0.01	-0.13	-0.11	0.12	0.09	0.20	0.21	0.03	-0.26	0.12	0.12	-0.09	-0.18	LINEARITY ERROR (dB)
			-0.02	0.14	0.02	0.07	0.32	0.31	0.45	0.48	0.32	0.05	0.46	0.48	0.29	0.22	ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	4820.9	305	658	999	1353	1717	2062	2413	2754	3093	3400	3789	4145	4470	4805	Measured Value (mV)
	SLOPE (mV/dB)	69.30	-12	-5	-11	-3	14	13	17	12	4	-35	8	17	-4	-16	Error (mV)
			-0.17	-0.07	-0.15	-0.04	0.21	0.19	0.25	0.17	0.06	-0.50	0.11	0.25	-0.06	-0.23	LINEARITY ERROR (dB)
			-0.51	-0.46	-0.58	-0.52	-0.31	-0.37	-0.35	-0.47	-0.62	-1.23	-0.67	-0.58	-0.93	-1.13	ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	4863.3	376	745	1090	1430	1794	2131	2476	2819	3158	3482	3858	4192	4505	4828	Measured Value (mV)
	SLOPE (mV/dB)	68.58	-30	-4	-2	-4	17	11	13	13	9	-10	23	14	-15	-35	Error (mV)
			-0.43	-0.05	-0.02	-0.07	0.24	0.16	0.19	0.19	0.13	-0.14	0.34	0.21	-0.23	-0.52	LINEARITY ERROR (dB)
			0.51	0.79	0.72	0.59	0.79	0.61	0.55	0.46	0.30	-0.06	0.32	0.10	-0.43	-0.81	ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	4923.1	350	716	1057	1400	1764	2115	2481	2851	3193	3529	3899	4233	4552	4876	Measured Value (mV)
	SLOPE (mV/dB)	70.13	-15	1	-9	-17	-3	-3	12	32	23	8	28	11	-21	-47	Error (mV)
			-0.21	0.01	-0.13	-0.24	-0.05	-0.04	0.18	0.45	0.33	0.12	0.40	0.16	-0.29	-0.67	LINEARITY ERROR (dB)
			0.14	0.37	0.25	0.16	0.36	0.38	0.62	0.91	0.81	0.61	0.91	0.68	0.25	-0.12	ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	4900.1	322	678	1017	1357	1724	2092	2462	2827	3165	3483	3860	4206	4532	4865	Measured Value (mV)
	SLOPE (mV/dB)	70.35	-5	-1	-14	-25	-10	6	24	38	24	-10	15	9	-16	-35	Error (mV)
			-0.07	-0.01	-0.19	-0.36	-0.14	0.09	0.35	0.53	0.34	-0.14	0.22	0.13	-0.23	-0.50	LINEARITY ERROR (dB)
			-0.26	-0.17	-0.32	-0.46	-0.21	0.06	0.35	0.57	0.41	-0.05	0.35	0.30	-0.04	-0.28	ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	4883.6	322	680	1020	1355	1723	2097	2463	2816	3152	3462	3843	4194	4521	4853	Measured Value (mV)
	SLOPE (mV/dB)	70.04	-9	-1	-11	-26	-9	15	31	34	19	-21	10	11	-12	-31	Error (mV)
			-0.13	-0.01	-0.16	-0.38	-0.12	0.22	0.44	0.48	0.28	-0.30	0.14	0.15	-0.18	-0.44	LINEARITY ERROR (dB)
			-0.26	-0.14	-0.28	-0.49	-0.22	0.13	0.36	0.41	0.22	-0.35	0.10	0.13	-0.20	-0.45	ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	4813.4	307	656	997	1336	1698	2063	2416	2759	3101	3401	3788	4137	4460	4783	Measured Value (mV)
	SLOPE (mV/dB)	69.20	-8	-5	-10	-17	-1	18	25	22	18	-28	13	16	-7	-30	Error (mV)
			-0.12	-0.08	-0.15	-0.25	-0.02	0.25	0.36	0.31	0.25	-0.41	0.18	0.23	-0.11	-0.44	LINEARITY ERROR (dB)
			-0.48	-0.49	-0.61	-0.76	-0.58	-0.36	-0.31	-0.40	-0.51	-1.22	-0.68	-0.69	-1.07	-1.45	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.51	0.64	0.67	0.74	0.78	0.62	0.68	0.74	0.72	0.93	0.84	0.81	0.94	1.18	

-65dBm mV-Out		
376	Max	
305	Min	





LOG TRANSFER WITH FREQUENCY
MODEL: ERDLVA-8G18G-65-70MV
TESTED BY: J. Emperador
DATE: 1/15/2019
SERIAL NO: PL23460

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= 0.094

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4806.7	272	636	999	1357	1706	2037	2378	2724	3072	3390	3766	4115	4448	4822	Measured Value (mV)
	SLOPE (mV/dB)	69.39	-24	-7	9	20	22	6	0	-1	0	-29	0	2	-12	15	Error (mV)
			-0.35	-0.11	0.13	0.28	0.31	0.08	0.00	-0.02	0.00	-0.42	0.00	0.03	-0.17	0.22	LINEARITY ERROR (dB)
			0.47	0.63	0.79	0.87	0.82	0.52	0.36	0.27	0.21	-0.28	0.06	0.01	-0.26	0.05	ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	4825.4	250	597	969	1323	1676	2013	2361	2722	3085	3398	3774	4127	4461	4832	Measured Value (mV)
	SLOPE (mV/dB)	70.26	-9	-13	8	11	12	-2	-5	4	16	-22	2	4	-13	7	Error (mV)
			-0.12	-0.18	0.11	0.15	0.17	-0.03	-0.08	0.06	0.23	-0.32	0.04	0.06	-0.19	0.09	LINEARITY ERROR (dB)
			0.16	0.08	0.36	0.38	0.39	0.18	0.12	0.24	0.39	-0.17	0.17	0.18	-0.08	0.19	ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	4849.1	247	589	964	1323	1675	2017	2367	2733	3098	3414	3788	4140	4481	4862	Measured Value (mV)
	SLOPE (mV/dB)	70.75	-4	-15	6	11	9	-2	-6	6	18	-20	0	-2	-14	13	Error (mV)
			-0.05	-0.22	0.08	0.16	0.13	-0.03	-0.08	0.09	0.25	-0.29	0.00	-0.02	-0.20	0.18	LINEARITY ERROR (dB)
			0.11	-0.03	0.29	0.38	0.38	0.23	0.20	0.40	0.58	0.06	0.37	0.37	0.21	0.61	ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	4827.5	240	572	950	1309	1659	1998	2340	2706	3076	3391	3765	4124	4464	4847	Measured Value (mV)
	SLOPE (mV/dB)	70.65	5	-17	8	14	11	-4	-15	-2	15	-24	-3	3	-10	19	Error (mV)
			0.06	-0.24	0.11	0.20	0.15	-0.05	-0.21	-0.03	0.21	-0.33	-0.04	0.04	-0.15	0.28	LINEARITY ERROR (dB)
			0.01	-0.27	0.09	0.19	0.15	-0.03	-0.18	0.01	0.26	-0.26	0.04	0.14	-0.04	0.40	ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	4784.3	227	537	923	1272	1621	1969	2304	2671	3046	3357	3729	4084	4422	4799	Measured Value (mV)
	SLOPE (mV/dB)	70.37	17	-25	9	6	3	0	-17	-2	21	-20	0	3	-10	15	Error (mV)
			0.24	-0.35	0.13	0.09	0.05	-0.01	-0.25	-0.03	0.30	-0.28	0.00	0.05	-0.15	0.21	LINEARITY ERROR (dB)
			-0.17	-0.77	-0.29	-0.34	-0.39	-0.45	-0.69	-0.48	-0.16	-0.75	-0.47	-0.43	-0.63	-0.28	ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	4749.9	206	489	885	1228	1580	1931	2258	2631	3011	3323	3703	4056	4388	4758	Measured Value (mV)
	SLOPE (mV/dB)	70.44	35	-34	9	0	0	-1	-26	-6	22	-18	10	11	-10	8	Error (mV)
			0.50	-0.49	0.13	0.00	0.00	-0.02	-0.37	-0.08	0.31	-0.26	0.14	0.15	-0.14	0.12	LINEARITY ERROR (dB)
			-0.47	-1.45	-0.83	-0.96	-0.97	-0.99	-1.34	-1.05	-0.66	-1.23	-0.84	-0.83	-1.11	-0.86	ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	4813	244	578	955	1301	1646	1987	2322	2711	3103	3419	3785	4119	4435	4787	Measured Value (mV)
	SLOPE (mV/dB)	70.31	1	-17	9	3	-3	-14	-30	7	48	12	27	9	-26	-26	Error (mV)
			0.01	-0.23	0.13	0.05	-0.04	-0.19	-0.43	0.10	0.68	0.17	0.38	0.13	-0.38	-0.37	LINEARITY ERROR (dB)
			0.07	-0.19	0.16	0.07	-0.03	-0.19	-0.44	0.08	0.65	0.13	0.33	0.07	-0.45	-0.45	ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	4817.7	212	506	897	1236	1586	1943	2285	2685	3088	3402	3772	4116	4437	4794	Measured Value (mV)
	SLOPE (mV/dB)	71.40	36	-27	7	-11	-19	-19	-34	9	55	12	25	12	-24	-24	Error (mV)
			0.50	-0.38	0.09	-0.16	-0.26	-0.26	-0.47	0.13	0.78	0.17	0.36	0.17	-0.33	-0.33	LINEARITY ERROR (dB)
			-0.38	-1.21	-0.66	-0.85	-0.88	-0.82	-0.96	-0.28	0.44	-0.11	0.14	0.03	-0.42	-0.35	ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	4793.2	206	479	876	1202	1558	1933	2275	2670	3062	3363	3736	4089	4418	4782	Measured Value (mV)
	SLOPE (mV/dB)	71.33	49	-34	6	-25	-25	-7	-22	17	52	-4	13	9	-19	-11	Error (mV)
			0.69	-0.48	0.08	-0.35	-0.35	-0.10	-0.30	0.23	0.73	-0.05	0.18	0.13	-0.26	-0.16	LINEARITY ERROR (dB)
			-0.47	-1.59	-0.96	-1.33	-1.28	-0.96	-1.10	-0.50	0.07	-0.66	-0.37	-0.36	-0.69	-0.52	ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	4782.5	218	510	902	1226	1581	1955	2298	2676	3056	3353	3727	4082	4413	4779	Measured Value (mV)
	SLOPE (mV/dB)	70.72	32	-29	9	-20	-19	1	-9	15	42	-15	5	7	-16	-3	Error (mV)
			0.46	-0.41	0.13	-0.29	-0.27	0.02	-0.13	0.21	0.59	-0.21	0.08	0.10	-0.22	-0.05	LINEARITY ERROR (dB)
			-0.30	-1.15	-0.59	-0.99	-0.95	-0.65	-0.78	-0.41	-0.02	-0.80	-0.50	-0.46	-0.76	-0.56	ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	4703.6	213	504	896	1225	1573	1938	2264	2624	2998	3295	3672	4017	4346	4698	Measured Value (mV)
	SLOPE (mV/dB)	69.42	22	-34	11	-7	-7	11	-10	3	30	-20	10	8	-10	-6	Error (mV)
			0.31	-0.49	0.15	-0.11	-0.09	0.16	-0.14	0.04	0.43	-0.29	0.14	0.11	-0.15	-0.08	LINEARITY ERROR (dB)
			-0.37	-1.24	-0.68	-1.01	-1.07	-0.89	-1.26	-1.15	-0.84	-1.63	-1.28	-1.38	-1.71	-1.71	ACCURACY ERROR (dB)
	Flatness	+/- dB	0.47	1.11	0.87	1.10	1.05	0.75	0.85	0.77	0.75	0.88	0.82	0.87	0.96	1.16	

-65dBm mV-Out	
272	Max
206	Min