



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

Customer: _____	Tested By: <u>A. Lopez</u>
SO No: _____	Temperature: <u>+25°C, -10°C, +85°C</u>
Model No: <u>ERDLVA-8G18G-65-70MV</u>	Date: <u>7/31/2019</u>
Serial No: <u>PL26058/1931</u>	Drawing No: <u>26933290</u> Rev: <u>A2</u>

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	1.95:1 @ 50 Ω (RF In) 2.22:1 @ 50 Ω (Bit In)	
3	Input Power Max:	(1) 1 W CW (2) 100 W Peak @ PW = 1 us & Duty Cycle = 1%	(1) 1W CW 2 100 W Peak @ PW = 1 us & Duty Cycle = 1%	
4	Switch Isolation:	60 dB Min (All Ports)	67 dB	
5	Switching Speed:	100 ns Max	52.00 ns	
6	Video Frequency Flatness:	±1.75 dB Max @ 25°C	1.72 dB	
7	TSS:	-71 dBm	-71dBm	PMI QA 1



**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:	70 mV/dB $\pm$ 3 mV/dB	71.80mV/dB	
10	Log Linearity:	$\pm$ 1.0 dB Max	+0.50 / -0.59 dB	
11	Log Accuracy @ 25°C:	$\pm$ 1.75 dB Max	+1.50 / -1.62 dB	
12	Absolute Log Accuracy:	$\pm$ 2.0 dB Max	+1.56 / -0.98 Db	
13	DC Offset:	0 - 100mV	55 mV	
14	Rise Time:	28 ns Max (10% to 90% @ -40 & -10 dBm)	25.20ns	
15	Fall Time:	300 ns Max (90% to 10% @ -40 & -10 dBm)	107.80 ns	
16	Settling Time:	50 ns Max (From 10% to within 35 mV of final value @ -40 & -10 dBm)	48 ns	
17	Recovery Time:	500 ns Max (From 90% of a -5 dBm, 100us Pulse to within $\pm$ 1 dB of baseline) without Amplitude loss of a following -65 dBm, 100ns Pulse	200 ns	
18	Pulse Width Process Range:	100ns to 100us	100ns to 100us	
19	Video Output Load Impedance:	95 $\pm$ 1 $\Omega$	95 $\Omega$	PMI QA 1



**Summary Data**  
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TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
20	Video Output @ -65 dBm:	330 ± 88 mV Over Frequency	250 - 404 mV	PMI QA 1
21	Video Output Drive Capability:	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	21.80 mV	
24	Pulse Droop @ -65 dBm:	70 mV Max	0 mV	
25	Propogation Delay:	80ns Max (50% RF to 10% Video)	30 ns	
26	CW Immune Power:	TSS to -40 dBm	TSS to -40 dBm	
27	Baseline Shift:	200 mV Max @ -40 dBm CW	185mV	
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 = 1.77dB	
29	CW Immue Time @ CW = -40 dBm	4ms Max	3.80 ms	
30	CW Recovery Time @ CW = -40 dBm	120us Max	88 us	
31	DC Power:	+15V (±5%) @ 500 mA Max -15V (±5%) @ 200 mA Max	500 mA 181 mA	PMI QA 1

QA/QC Approval:

PMI QA 1 Date: 8/1/19



LOG TRANSFER WITH FREQUENCY  
 MODEL: ERLVA-8G18G-65-70MV  
 TESTED BY: A. LOPEZ  
 DATE: 7-31-19  
 SERIAL NO: PL26058/1931

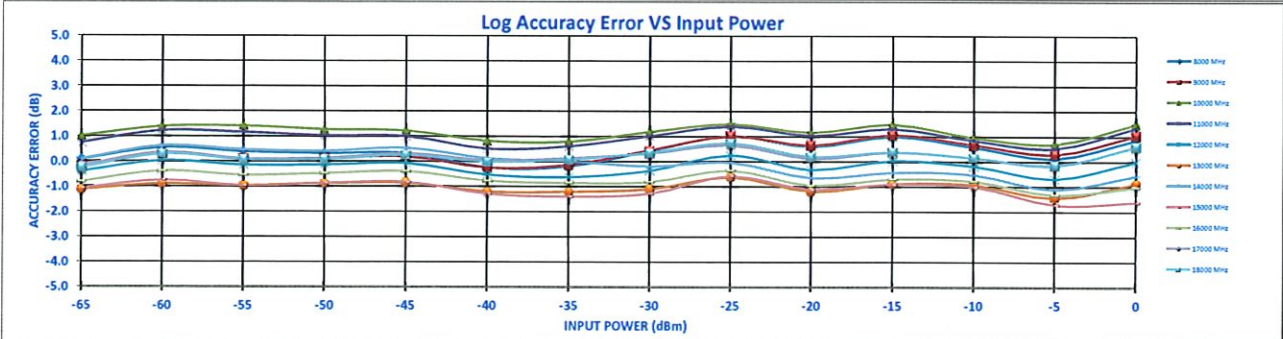
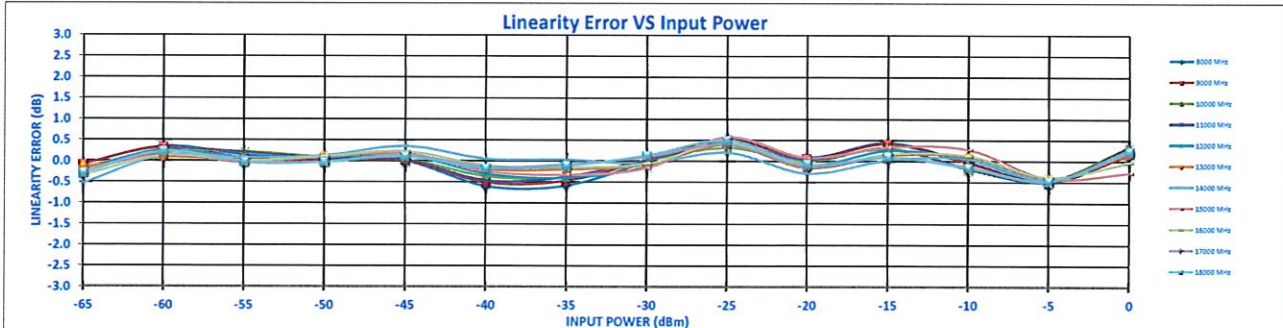
Test Temp: +25C



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= 0.055

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	5046.5	337	729	1076	1431	1789	2108	2471	2875	3276	3606	3993	4322	4648	5060	Measured Value (mV)
	SLOPE (mV/dB)	72.37	-6	25	10	3	0	-44	-42	-1	39	7	32	-1	-36	14	Error (mV)
			-0.08	0.35	0.14	0.04	0.00	-0.60	-0.59	-0.01	0.54	0.09	0.45	-0.02	-0.50	0.19	LINEARITY ERROR (dB)
			0.09	0.56	0.39	0.33	0.32	-0.25	-0.19	0.43	1.02	0.61	1.01	0.58	0.13	0.86	ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	5060.6	317	711	1056	1416	1780	2107	2475	2876	3275	3608	3998	4329	4660	5073	Measured Value (mV)
	SLOPE (mV/dB)	72.90	-6	24	5	0	0	-37	-34	3	37	5	30	-3	-36	12	Error (mV)
			-0.08	0.33	0.06	0.00	0.00	-0.51	-0.47	0.03	0.51	0.07	0.42	-0.04	-0.50	0.17	LINEARITY ERROR (dB)
			-0.18	0.31	0.11	0.12	0.19	-0.25	-0.13	0.45	1.01	0.64	1.07	0.67	0.29	1.04	ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	5080.8	404	789	1150	1499	1854	2184	2542	2929	3310	3646	4027	4349	4690	5106	Measured Value (mV)
	SLOPE (mV/dB)	71.76	-13	14	15	6	2	-28	-28	1	24	0	23	-14	-32	28	Error (mV)
			-0.18	0.20	0.22	0.09	0.03	-0.37	-0.38	0.01	0.33	0.01	0.32	-0.19	-0.45	0.36	LINEARITY ERROR (dB)
			1.03	1.40	1.41	1.27	1.22	0.82	0.79	1.19	1.50	1.17	1.48	0.96	0.70	1.50	ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	5071.7	384	777	1132	1481	1838	2162	2528	2917	3304	3637	4015	4341	4677	5095	Measured Value (mV)
	SLOPE (mV/dB)	71.90	-14	20	15	4	2	-34	-27	2	30	3	22	-12	-35	24	Error (mV)
			-0.20	0.28	0.20	0.06	0.02	-0.47	-0.37	0.03	0.41	0.04	0.30	-0.16	-0.49	0.33	LINEARITY ERROR (dB)
			0.75	1.23	1.16	1.03	1.00	0.51	0.61	1.02	1.41	1.04	1.31	0.85	0.53	1.35	ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	4981.9	302	692	1038	1398	1761	2088	2440	2818	3221	3540	3924	4268	4590	4998	Measured Value (mV)
	SLOPE (mV/dB)	71.80	-13	18	5	6	10	-22	-29	-10	34	-6	19	4	-32	16	Error (mV)
			-0.18	0.25	0.08	0.08	0.14	-0.31	-0.40	-0.14	0.48	-0.09	0.26	0.05	-0.45	0.23	LINEARITY ERROR (dB)
			-0.39	0.03	-0.14	-0.13	-0.07	-0.53	-0.62	-0.36	0.25	-0.31	0.04	-0.18	-0.68	0.00	ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	4923.1	250	625	979	1345	1705	2039	2398	2765	3158	3477	3857	4214	4535	4936	Measured Value (mV)
	SLOPE (mV/dB)	71.74	-10	6	1	9	10	-14	-14	-5	29	-11	10	8	-29	12	Error (mV)
			-0.14	0.09	0.02	0.12	0.14	-0.20	-0.20	-0.09	0.40	-0.16	0.14	0.11	-0.41	0.17	LINEARITY ERROR (dB)
			-1.12	-0.90	-0.97	-0.87	-0.85	-1.20	-1.20	-1.10	-0.62	-1.18	-0.89	-0.93	-1.45	-0.88	ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	4941.9	337	735	1082	1437	1805	2135	2485	2830	3200	3516	3890	4243	4560	4958	Measured Value (mV)
	SLOPE (mV/dB)	70.27	-37	9	5	9	25	3	2	-3	15	-20	2	4	-31	16	Error (mV)
			-0.53	0.13	0.07	0.13	0.35	0.05	0.04	-0.05	0.21	-0.29	0.03	0.05	-0.44	0.23	LINEARITY ERROR (dB)
			0.10	0.63	0.47	0.42	0.53	0.13	0.00	-0.18	-0.04	-0.64	-0.43	-0.52	-1.11	-0.56	ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	4901.7	253	635	978	1345	1707	2033	2384	2752	3161	3483	3857	4209	4516	4882	Measured Value (mV)
	SLOPE (mV/dB)	71.27	-16	10	-3	7	13	-18	-23	-11	41	6	24	20	-30	-20	Error (mV)
			-0.22	0.14	-0.05	0.10	0.18	-0.25	-0.33	-0.16	0.58	0.09	0.34	0.28	-0.42	-0.27	LINEARITY ERROR (dB)
			-1.07	-0.75	-0.97	-0.86	-0.83	-1.29	-1.40	-1.28	-0.58	-1.11	-0.90	-0.99	-1.72	-1.62	ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	4927.7	273	662	1009	1373	1738	2070	2424	2786	3178	3494	3871	4224	4544	4926	Measured Value (mV)
	SLOPE (mV/dB)	71.24	-24	9	0	8	16	-8	-11	-5	31	-8	12	9	-27	-2	Error (mV)
			-0.34	0.13	0.00	0.11	0.23	-0.11	-0.15	-0.06	0.44	-0.12	0.17	0.13	-0.38	-0.03	LINEARITY ERROR (dB)
			-0.80	-0.38	-0.54	-0.47	-0.40	-0.78	-0.85	-0.81	-0.35	-0.94	-0.69	-0.78	-1.32	-1.01	ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	5021.6	319	716	1056	1417	1789	2129	2494	2868	3250	3571	3949	4291	4628	5042	Measured Value (mV)
	SLOPE (mV/dB)	72.05	-19	17	-2	-2	10	-11	-6	8	30	-10	8	-10	-34	21	Error (mV)
			-0.27	0.24	-0.03	-0.03	0.14	-0.15	-0.08	0.11	0.41	-0.14	0.11	-0.13	-0.47	0.29	LINEARITY ERROR (dB)
			-0.16	0.37	0.11	0.14	0.32	0.05	0.13	0.33	0.65	0.12	0.38	0.16	-0.16	0.61	ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	5024.5	312	711	1054	1413	1784	2125	2491	2869	3256	3576	3949	4292	4629	5041	Measured Value (mV)
	SLOPE (mV/dB)	72.17	-21	17	-1	-2	8	-13	-8	10	36	-5	7	-11	-35	17	Error (mV)
			-0.29	0.23	-0.01	-0.03	0.11	-0.18	-0.10	0.14	0.50	-0.07	0.10	-0.15	-0.48	0.23	LINEARITY ERROR (dB)
			-0.24	0.30	0.08	0.08	0.25	-0.01	0.09	0.36	0.74	0.20	0.39	0.16	-0.14	0.60	ACCURACY ERROR (dB)
Flatness		+/- dB	1.07	1.15	1.19	1.07	1.04	1.05	1.10	1.23	1.06	1.18	1.19	0.98	1.21	1.56	
-65dBm mV-Out			404	Max	250	Min											





LOG TRANSFER WITH FREQUENCY  
 MODEL: ERDLVA-8G18G-65-70MV  
 TESTED BY: A. LOPEZ  
 DATE: 7-31-19  
 SERIAL NO: PL26058/1931

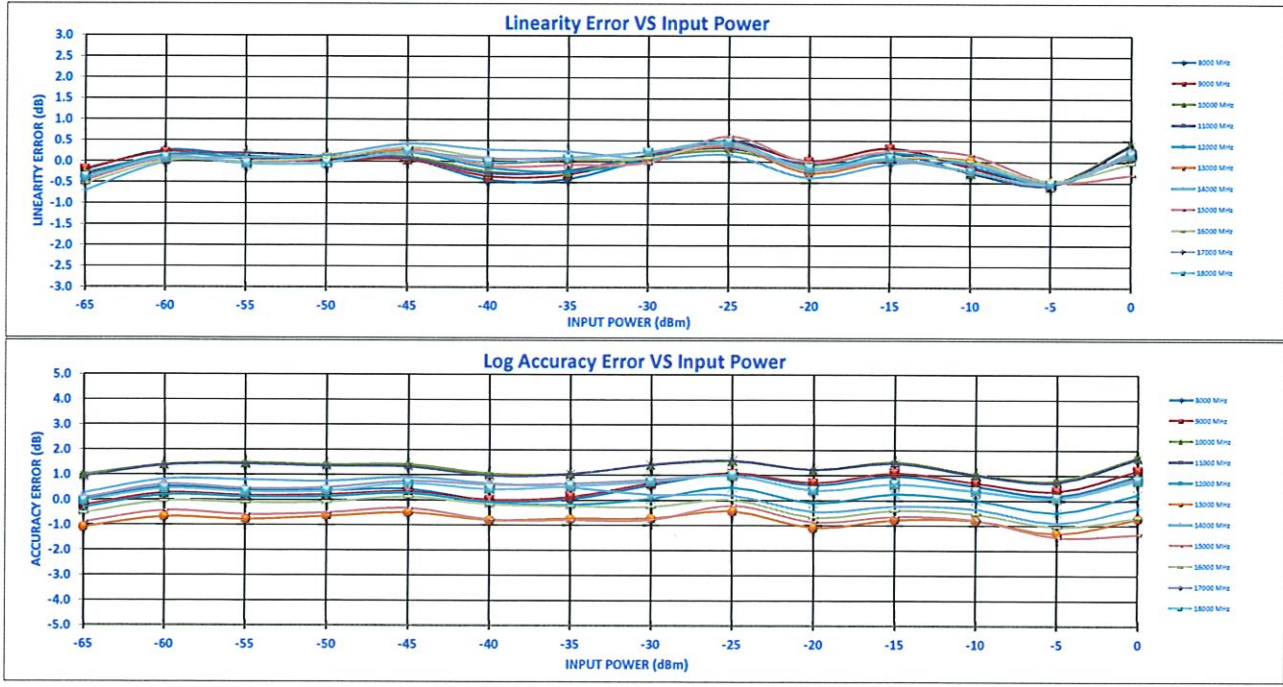
Test Temp: -10C



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DC Offset= 0.00

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	5010.8														Measured Value (mV)
	SLOPE (mV/dB)	71.79														
		330	722	1071	1425	1785	2108	2468	2864	3253	3577	3958	4286	4614	5027	LINEARITY ERROR (dB)
		-15	19	9	4	4	-31	-30	7	37	1	24	-7	-38	16	
		-0.20	0.26	0.12	0.05	0.06	-0.44	-0.42	0.10	0.51	0.02	0.34	-0.10	-0.53	0.23	
		0.00	0.51	0.42	0.39	0.44	-0.02	0.04	0.61	1.06	0.61	0.98	0.58	0.18	0.99	
9000 MHz	INTERCEPT (mV)	5027.3														Measured Value (mV)
	SLOPE (mV/dB)	72.30														
		314	706	1054	1413	1777	2110	2474	2869	3254	3583	3967	4295	4627	5042	LINEARITY ERROR (dB)
		-13	17	4	0	3	-26	-22	11	35	2	24	-10	-39	15	
		-0.18	0.23	0.05	0.01	0.05	-0.35	-0.31	0.16	0.48	0.02	0.33	-0.13	-0.54	0.20	
		-0.22	0.28	0.18	0.21	0.33	0.00	0.13	0.68	1.09	0.70	1.09	0.70	0.37	1.20	
10000 MHz	INTERCEPT (mV)	5049.2														Measured Value (mV)
	SLOPE (mV/dB)	71.19														
		402	786	1148	1498	1855	2185	2540	2921	3288	3620	3998	4319	4657	5080	LINEARITY ERROR (dB)
		-20	8	13	9	9	-17	-16	8	19	5	17	-18	-36	31	
		-0.28	0.11	0.20	0.12	0.12	-0.24	-0.25	0.11	0.26	-0.07	0.24	-0.26	-0.51	0.43	
		1.02	1.41	1.49	1.41	1.42	1.06	1.05	1.41	1.56	1.23	1.54	1.04	0.80	1.74	
11000 MHz	INTERCEPT (mV)	5047.1														Measured Value (mV)
	SLOPE (mV/dB)	71.22														
		397	784	1144	1494	1848	2179	2539	2922	3290	3620	3995	4317	4653	5076	LINEARITY ERROR (dB)
		-22	10	14	8	6	-20	-16	12	23	-3	16	-18	-39	29	
		-0.30	0.14	0.19	0.11	0.08	-0.28	-0.22	0.16	0.33	-0.04	0.22	-0.26	-0.54	0.40	
		0.93	1.38	1.44	1.36	1.33	0.98	1.04	1.42	1.59	1.23	1.49	1.01	0.73	1.68	
12000 MHz	INTERCEPT (mV)	4959.8														Measured Value (mV)
	SLOPE (mV/dB)	71.17														
		308	700	1051	1408	1773	2102	2452	2826	3214	3526	3907	4246	4567	4975	LINEARITY ERROR (dB)
		-26	11	6	7	16	-11	-17	1	33	-10	15	-3	-37	15	
		-0.36	0.15	0.08	0.10	0.23	-0.15	-0.24	0.01	0.46	-0.15	0.21	-0.04	-0.52	0.21	
		-0.31	0.20	0.13	0.15	0.28	-0.10	-0.19	0.06	0.51	-0.10	0.26	0.01	-0.47	0.26	
13000 MHz	INTERCEPT (mV)	4894.7														Measured Value (mV)
	SLOPE (mV/dB)	71.00														
		253	638	987	1352	1718	2052	2413	2770	3146	3456	3834	4188	4507	4905	LINEARITY ERROR (dB)
		-26	4	-2	7	18	-2	3	8	27	-19	4	3	-33	10	
		-0.37	0.05	-0.03	0.10	0.26	-0.03	0.05	0.08	0.38	-0.26	0.06	0.04	-0.46	0.14	
		-1.08	-0.67	-0.77	-0.64	-0.50	-0.80	-0.73	-0.71	-0.43	-1.08	-0.77	-0.80	-1.32	-0.73	
14000 MHz	INTERCEPT (mV)	4918.7														Measured Value (mV)
	SLOPE (mV/dB)	69.55														
		349	745	1099	1451	1818	2157	2501	2837	3191	3502	3873	4221	4537	4935	LINEARITY ERROR (dB)
		-8	-1	6	10	30	20	17	5	11	-26	-3	-3	-34	17	
		-0.70	-0.01	0.08	0.15	0.43	0.29	0.24	0.07	0.16	-0.38	-0.04	-0.04	-0.49	0.24	
		0.27	0.83	0.81	0.76	0.91	0.66	0.50	0.22	0.20	-0.44	-0.22	-0.34	-0.89	-0.30	
15000 MHz	INTERCEPT (mV)	4882.2														Measured Value (mV)
	SLOPE (mV/dB)	70.51														
		267	656	1000	1362	1731	2054	2408	2765	3162	3472	3843	4189	4496	4861	LINEARITY ERROR (dB)
		-32	4	-4	5	21	-7	-6	-1	43	0	19	12	-33	-22	
		-0.45	0.06	-0.05	0.08	0.30	-0.10	-0.08	-0.02	0.61	0.00	0.26	0.17	-0.47	-0.31	
		-0.89	-0.42	-0.58	-0.50	-0.32	-0.77	-0.80	-0.78	-0.21	-0.86	-0.64	-0.78	-1.46	-1.35	
16000 MHz	INTERCEPT (mV)	4909.7														Measured Value (mV)
	SLOPE (mV/dB)	70.46														
		293	683	1035	1392	1763	2097	2448	2802	3178	3485	3860	4206	4526	4908	LINEARITY ERROR (dB)
		-37	1	0	6	24	6	5	6	30	-16	8	1	-32	-2	
		-0.53	0.01	0.00	0.08	0.34	0.08	0.06	0.09	0.43	-0.22	0.11	0.02	-0.45	-0.03	
		-0.52	-0.04	-0.10	-0.07	0.13	-0.17	-0.24	-0.27	0.02	-0.67	-0.40	-0.54	-1.05	-0.68	
17000 MHz	INTERCEPT (mV)	5001.9														Measured Value (mV)
	SLOPE (mV/dB)	71.33														
		335	730	1075	1434	1807	2153	2512	2879	3246	3562	3935	4273	4608	5020	LINEARITY ERROR (dB)
		-30	8	-4	-2	15	5	7	17	28	-13	3	-16	-37	19	
		-0.43	0.11	-0.05	-0.02	0.22	0.06	0.10	0.24	0.39	-0.18	0.04	-0.22	-0.52	0.26	
		0.07	0.62	0.46	0.50	0.76	0.61	0.66	0.81	0.98	0.42	0.65	0.39	0.10	0.90	
18000 MHz	INTERCEPT (mV)	5001.4														Measured Value (mV)
	SLOPE (mV/dB)	71.49														
		327	718	1066	1424	1801	2140	2505	2874	3248	3562	3936	4271	4607	5013	LINEARITY ERROR (dB)
		-27	6	-4	-3	15	-2	6	17	34	-10	7	-15	-37	12	
		-0.38	0.08	-0.05	-0.04	0.23	-0.02	0.08	0.24	0.47	-0.14	0.10	-0.21	-0.51	0.17	
		-0.04	0.44	0.34	0.37	0.67	0.43	0.56	0.74	1.00	0.40	0.66	0.37	0.10	0.80	
Flatness	+/- dB	1.05	1.04	1.13	1.03	0.96	0.93	0.92	1.10	1.01	1.15	1.16	0.92	1.13	1.54	
-65dBm mV-Out		402	Max	253	Min											





LOG TRANSFER WITH FREQUENCY  
 MODEL: ERLVA-8G18G-65-70MV  
 TESTED BY: A. LOPEZ  
 DATE: 7-31-19  
 SERIAL NO: PL26059/1931

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= 0.000

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4916.9															Measured Value (mV)
	SLOPE (mV/dB)	70.48															Error (mV)
			348	713	1046	1391	1746	2059	2412	2797	3182	3494	3874	4214	4544	4949	LINEARITY ERROR (dB)
			12	24	5	-1	1	-39	-38	-6	27	-14	14	2	-20	32	ACCURACY ERROR (dB)
			0.17	0.35	0.07	-0.02	0.02	-0.55	-0.55	-0.08	0.39	-0.19	0.20	0.02	-0.29	0.45	
			0.26	0.47	0.24	0.18	0.26	-0.27	-0.22	0.28	0.80	0.26	0.69	0.56	0.28	1.07	
9000 MHz	INTERCEPT (mV)	4931.8															Measured Value (mV)
	SLOPE (mV/dB)	70.90															Error (mV)
			336	698	1033	1383	1744	2061	2420	2803	3186	3504	3882	4218	4556	4962	LINEARITY ERROR (dB)
			13	20	1	-4	2	-35	-31	-2	26	-9	14	-5	-21	30	ACCURACY ERROR (dB)
			0.18	0.29	0.01	-0.05	0.03	-0.49	-0.43	-0.02	0.37	-0.13	0.20	-0.07	-0.30	0.43	
			0.09	0.27	0.06	0.07	0.22	-0.24	-0.11	0.38	0.85	0.41	0.81	0.61	0.46	1.26	
10000 MHz	INTERCEPT (mV)	4952.5															Measured Value (mV)
	SLOPE (mV/dB)	69.85															Error (mV)
			414	778	1120	1464	1816	2134	2483	2850	3220	3538	3911	4244	4583	4996	LINEARITY ERROR (dB)
			0	16	9	4	7	-24	-25	-5	14	-17	8	-10	-20	44	ACCURACY ERROR (dB)
			0.03	0.23	0.13	0.06	0.10	-0.35	-0.35	-0.09	0.20	-0.25	0.09	-0.14	-0.29	0.63	
			1.20	1.40	1.30	1.22	1.26	0.81	0.80	1.05	1.34	0.89	1.23	0.99	0.83	1.75	
11000 MHz	INTERCEPT (mV)	4935.7															Measured Value (mV)
	SLOPE (mV/dB)	69.89															Error (mV)
			393	762	1100	1444	1797	2108	2466	2834	3208	3524	3892	4230	4564	4975	LINEARITY ERROR (dB)
			0	20	9	3	6	-32	-24	-5	20	-14	5	-6	-22	39	ACCURACY ERROR (dB)
			0.01	0.28	0.13	0.04	0.09	-0.45	-0.34	-0.07	0.28	-0.20	0.07	-0.09	-0.31	0.56	
			0.90	1.18	1.02	0.93	0.98	0.44	0.55	0.82	1.17	0.69	0.96	0.79	0.57	1.44	
12000 MHz	INTERCEPT (mV)	4848.9															Measured Value (mV)
	SLOPE (mV/dB)	69.86															Error (mV)
			314	673	1006	1358	1714	2032	2379	2743	3127	3433	3804	4155	4478	4880	LINEARITY ERROR (dB)
			6	16	-1	2	9	-22	-25	-10	25	-19	3	5	-21	32	ACCURACY ERROR (dB)
			0.09	0.22	-0.01	0.03	0.13	-0.32	-0.36	-0.14	0.36	-0.27	0.05	0.07	-0.30	0.45	
			-0.23	-0.10	-0.33	-0.30	-0.20	-0.66	-0.69	-0.48	0.02	-0.61	-0.30	-0.29	-0.66	0.09	
13000 MHz	INTERCEPT (mV)	4794.4															Measured Value (mV)
	SLOPE (mV/dB)	69.87															Error (mV)
			270	606	945	1302	1654	1984	2337	2692	3066	3377	3742	4100	4428	4826	LINEARITY ERROR (dB)
			18	4	-7	1	4	-16	-11	-5	18	-20	-4	-17	32	ACCURACY ERROR (dB)	
			0.25	0.05	-0.09	0.02	0.06	-0.22	-0.16	-0.09	0.26	-0.29	-0.06	0.06	-0.25	0.46	
			-0.85	-1.05	-1.20	-1.10	-1.05	-1.34	-1.28	-1.21	-0.86	-1.42	-1.19	-1.07	-1.39	-0.68	
14000 MHz	INTERCEPT (mV)	4813.3															Measured Value (mV)
	SLOPE (mV/dB)	68.50															Error (mV)
			346	710	1041	1390	1752	2074	2422	2761	3111	3414	3772	4129	4451	4844	LINEARITY ERROR (dB)
			-15	7	-4	2	21	1	7	3	10	-29	-13	0	-20	31	ACCURACY ERROR (dB)
			-0.21	0.10	-0.06	0.03	0.31	0.01	0.10	0.04	0.15	-0.42	-0.20	0.01	-0.29	0.45	
			0.23	0.43	0.18	0.16	0.34	-0.05	-0.07	-0.23	-0.22	-0.88	-0.76	-0.66	-1.05	-0.43	
15000 MHz	INTERCEPT (mV)	4764															Measured Value (mV)
	SLOPE (mV/dB)	69.40															Error (mV)
			272	602	937	1294	1644	1970	2314	2670	3057	3372	3731	4085	4405	4764	LINEARITY ERROR (dB)
			19	2	-10	0	3	-16	-21	-12	28	-4	8	15	-12	0	ACCURACY ERROR (dB)
			0.27	0.03	-0.14	0.00	0.04	-0.26	-0.30	-0.17	0.40	-0.05	0.12	0.22	-0.17	0.00	
			-0.83	-1.11	-1.31	-1.21	-1.20	-1.54	-1.62	-1.52	-1.00	-1.48	-1.35	-1.28	-1.71	-1.57	
16000 MHz	INTERCEPT (mV)	4785.7															Measured Value (mV)
	SLOPE (mV/dB)	69.17															Error (mV)
			292	637	972	1329	1684	2012	2359	2712	3077	3383	3745	4101	4423	4800	LINEARITY ERROR (dB)
			2	2	-9	2	11	-7	-6	1	21	-19	-3	7	-17	15	ACCURACY ERROR (dB)
			0.04	0.03	-0.13	0.03	0.16	-0.10	-0.09	0.02	0.31	-0.27	-0.05	0.10	-0.24	0.21	
			-0.55	-0.61	-0.82	-0.71	-0.63	-0.95	-0.98	-0.93	-0.70	-1.33	-1.16	-1.06	-1.45	-1.06	
17000 MHz	INTERCEPT (mV)	4883.2															Measured Value (mV)
	SLOPE (mV/dB)	69.94															Error (mV)
			338	700	1027	1379	1746	2076	2436	2792	3154	3460	3825	4176	4513	4920	LINEARITY ERROR (dB)
			1	14	-9	-7	10	-9	0	7	19	-25	-9	-8	-21	36	ACCURACY ERROR (dB)
			0.01	0.20	-0.13	-0.10	0.15	-0.13	0.01	0.11	0.27	-0.35	-0.13	-0.11	-0.29	0.52	
			0.11	0.30	-0.03	0.01	0.26	-0.02	0.12	0.22	0.39	-0.23	-0.01	0.01	-0.17	0.65	
18000 MHz	INTERCEPT (mV)	4882.1															Measured Value (mV)
	SLOPE (mV/dB)	70.02															Error (mV)
			333	694	1021	1375	1743	2070	2428	2787	3152	3458	3820	4172	4511	4923	LINEARITY ERROR (dB)
			3	13	-9	-5	12	-11	-3	6	21	-24	-12	-10	-21	41	ACCURACY ERROR (dB)
			0.04	0.19	-0.14	-0.08	0.17	-0.16	-0.04	0.08	0.30	-0.34	-0.17	-0.14	-0.30	0.58	
			0.05	0.20	-0.11	-0.05	0.21	-0.11	0.01	0.15	0.37	-0.26	-0.08	-0.04	-0.19	0.70	
Flatness		+/- dB	1.03	1.26	1.30	1.21	1.23	1.17	1.21	1.29	1.17	1.19	1.19	1.14	1.27	1.66	
-65dBm mV-Out			414	Max	270	Min											

