

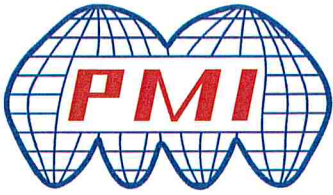


Summary Data
For
ERDLVA-8G18G-65-70MV

Customer: _____
 SO No: _____
 Model No: ERDLVA-8G18G-65-70MV
 Serial No: PL26252

Tested By: J. Emperador
 Temperature: +25°C (Unless Otherwise Specified)
 Date 8/6/2019
 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	8-9-19
2	VSWR:	2.3:1 Max @ 50 Ω	1.78:1 @ 50 Ω (RF In) 1.84:1 @ 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	±1.11 dB	
7	TSS:	-71 dBm	-72 dBm	



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	03 8-9-19	
9	Log Slope: @+25°C, -10°C, +85°C	70 mV/dB ±3 mV/dB	67.99 mV/dB	↓	
10	Log Linearity: @+25°C	±1.0 dB Max	+0.55 / -0.58 dB		
11	Log Accuracy @ 25°C:	±1.75 dB Max	+1.29 / -1.35 dB		
12	Absolute Log Accuracy: @+25°C, -10°C, +85°C	±2.0 dB Max	+1.50 / -1.48 dB		
13	DC Offset:	0 - 100mV	+63 mV		
14	Rise Time:	28 ns Max (10% to 90% @ -40 & -10 dBm)	27.5 ns		
15	Fall Time:	300 ns Max (90% to 10% @ -40 & -10 dBm)	132.3 ns		
16	Settling Time:	50 ns Max (From 10% to within 35 mV of final value @ -40 & -10 dBm)	45 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	175 ns		
18	Pulse Width Process Range:	100ns to 100us	100 ns to 100 us		
19	Video Output Load Impedance:	95 ±1 Ω	95 Ω		✓



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

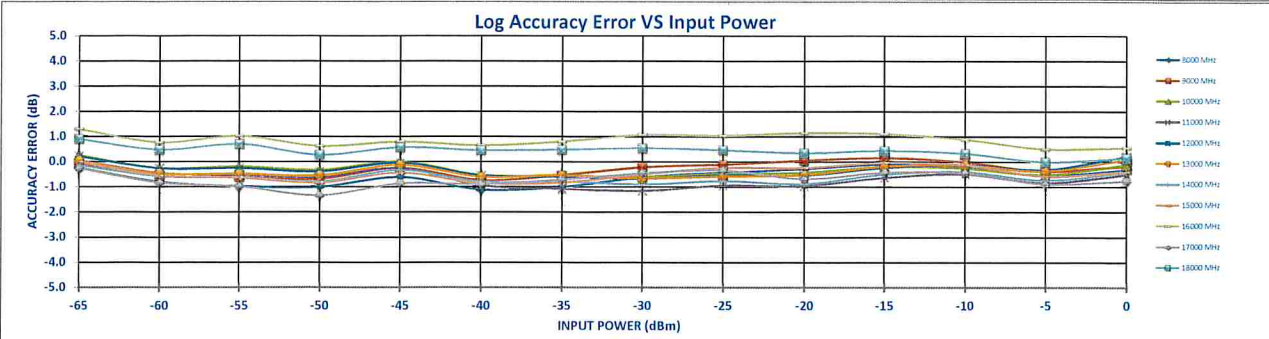
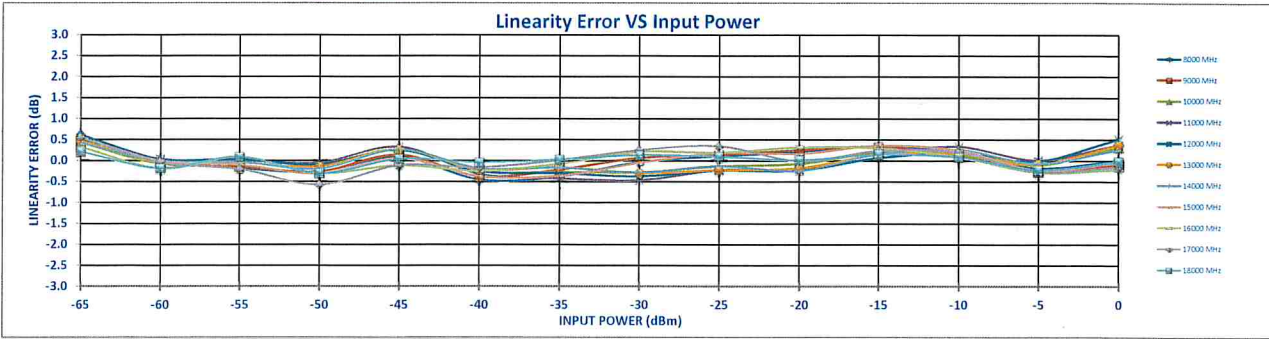
TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
20	Video Output @ -65 dBm:	320 ± 123 mV Over Frequency	+298 - 404 mV	cg 8-9-19
21	Video Output Drive Capability:	Driving 100 Ft RG180 into 95 Ω Load	Pass	
22	Pulse Density Capability:	No Pulse Amplitude Loss 20% Duty @ 100ns PW 70% Duty @ 100us PW	20% Duty @ ns PW 70% Duty @ us PW	
23	Noise Level:	30 mV RMS Max	10.9 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	+459 mA -120 mA	✓

QA/QC Approval: *a. Zimmerman* Date: 8-9-2019



DC Offset= 0.063

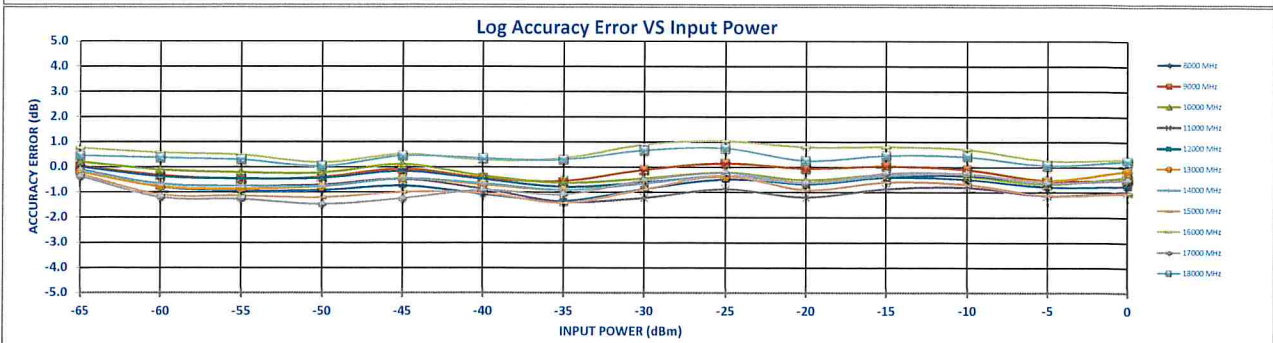
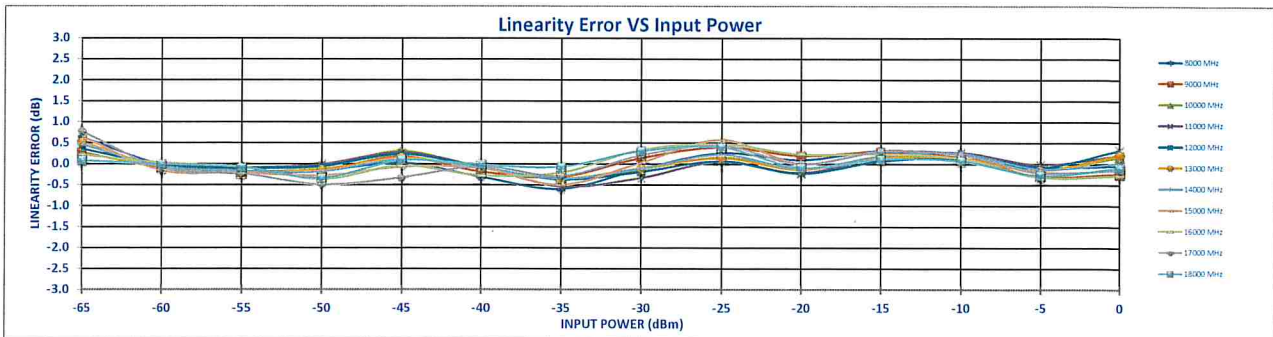
Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4731														
	SLOPE (mV/dB)	68.83														
		299	602	932	1271	1639	1946	2295	2663	3017	3368	3722	4055	4374	4731	Measured Value (mV)
		42	1	-13	-18	6	-32	-27	-3	7	14	24	12	-13	0	Error (mV)
		0.61	0.02	-0.19	-0.27	0.08	-0.46	-0.39	-0.04	0.10	0.20	0.34	0.18	-0.19	0.00	LINEARITY ERROR (dB)
		-0.25	-0.81	-0.98	-1.01	-0.62	-1.12	-1.01	-0.62	-0.44	-0.29	-0.11	-0.23	-0.56	-0.33	ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	4748.4														
	SLOPE (mV/dB)	68.74														
		311	619	957	1293	1664	1972	2327	2690	3039	3391	3740	4070	4386	4742	Measured Value (mV)
		31	-5	-11	-18	9	-27	-16	4	9	17	23	9	-19	-6	Error (mV)
		0.45	-0.07	-0.16	-0.27	0.13	-0.39	-0.23	0.06	0.13	0.25	0.33	0.13	-0.27	-0.09	LINEARITY ERROR (dB)
		-0.07	-0.56	-0.61	-0.69	-0.25	-0.74	-0.54	-0.23	-0.11	0.04	0.15	-0.01	-0.38	-0.17	ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	4723.4														
	SLOPE (mV/dB)	67.99														
		333	639	985	1317	1681	1986	2325	2664	3014	3358	3716	4053	4376	4745	Measured Value (mV)
		29	-5	-11	-17	12	-19	-19	-20	-10	-5	12	10	-7	22	Error (mV)
		0.43	-0.07	0.02	-0.10	0.25	-0.26	-0.28	-0.29	-0.14	-0.08	0.18	0.14	-0.11	0.32	LINEARITY ERROR (dB)
		0.25	-0.27	-0.20	-0.34	-0.01	-0.54	-0.57	-0.61	-0.48	-0.44	-0.20	-0.26	-0.53	-0.12	ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	4692.7														
	SLOPE (mV/dB)	67.82														
		319	626	963	1298	1663	1958	2290	2626	2982	3322	3686	4037	4354	4718	Measured Value (mV)
		34	2	0	-4	22	-22	-29	-32	-15	-14	11	22	0	25	Error (mV)
		0.51	0.03	0.00	-0.06	0.32	-0.33	-0.43	-0.48	-0.23	-0.21	0.16	0.33	0.01	0.37	LINEARITY ERROR (dB)
		0.04	-0.46	-0.52	-0.62	-0.27	-0.95	-1.08	-1.16	-0.95	-0.97	-0.64	-0.49	-0.85	-0.52	ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	4732.2														
	SLOPE (mV/dB)	68.24														
		330	639	981	1313	1678	1985	2323	2659	3010	3351	3713	4062	4390	4767	Measured Value (mV)
		33	1	2	-7	17	-18	-21	-26	-16	-16	4	12	-1	35	Error (mV)
		0.49	0.02	0.03	-0.10	0.24	-0.26	-0.30	-0.38	-0.24	-0.24	0.06	0.18	-0.01	0.51	LINEARITY ERROR (dB)
		0.21	-0.27	-0.26	-0.40	-0.05	-0.55	-0.60	-0.68	-0.54	-0.54	-0.24	-0.13	-0.32	0.20	ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	4733.4														
	SLOPE (mV/dB)	68.43														
		318	625	966	1302	1672	1981	2327	2660	3007	3352	3717	4061	4386	4759	Measured Value (mV)
		32	-3	-4	-10	18	-15	-11	-21	-16	-13	10	12	-5	26	Error (mV)
		0.47	-0.04	-0.06	-0.15	0.26	-0.22	-0.17	-0.30	-0.23	-0.19	0.15	0.17	-0.08	0.37	LINEARITY ERROR (dB)
		0.03	-0.47	-0.48	-0.56	-0.14	-0.61	-0.54	-0.67	-0.58	-0.53	-0.18	-0.14	-0.38	0.08	ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	4706.6														
	SLOPE (mV/dB)	68.14														
		306	617	956	1286	1658	1968	2310	2643	2994	3327	3695	4043	4361	4724	Measured Value (mV)
		29	-1	-3	-14	18	-13	-12	-19	-9	-17	11	18	-5	17	Error (mV)
		0.42	-0.02	-0.04	-0.20	0.26	-0.19	-0.17	-0.28	-0.13	-0.25	0.15	0.26	-0.07	0.26	LINEARITY ERROR (dB)
		-0.15	-0.59	-0.63	-0.79	-0.34	-0.80	-0.79	-0.91	-0.77	-0.89	-0.50	-0.41	-0.75	-0.43	ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	4730.3														
	SLOPE (mV/dB)	68.51														
		315	619	955	1283	1651	1964	2307	2671	3030	3371	3727	4062	4372	4726	Measured Value (mV)
		38	-1	-7	-22	4	-26	-26	-4	12	11	24	17	-16	-4	Error (mV)
		0.55	-0.01	-0.11	-0.32	0.05	-0.38	-0.37	-0.06	0.18	0.16	0.35	0.24	-0.23	-0.06	LINEARITY ERROR (dB)
		-0.01	-0.56	-0.64	-0.84	-0.44	-0.86	-0.84	-0.50	-0.25	-0.25	-0.04	-0.13	-0.59	-0.40	ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	4805.9														
	SLOPE (mV/dB)	68.06														
		404	709	1068	1382	1735	2066	2418	2778	3117	3466	3805	4131	4446	4791	Measured Value (mV)
		22	-13	5	-21	-8	-18	-6	14	13	21	20	6	-20	-15	Error (mV)
		0.32	-0.20	0.08	-0.31	-0.12	-0.26	-0.09	0.20	0.18	0.31	0.29	0.08	-0.29	-0.22	LINEARITY ERROR (dB)
		1.29	0.76	1.02	0.61	0.79	0.63	0.79	1.06	1.03	1.14	1.11	0.88	0.50	0.55	ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	4711.6														
	SLOPE (mV/dB)	68.48														
		298	600	931	1248	1622	1961	2315	2674	3023	3341	3700	4040	4351	4701	Measured Value (mV)
		37	-3	-14	-40	-8	-11	0	17	23	-1	16	13	-18	-11	Error (mV)
		0.55	-0.04	-0.21	-0.58	-0.12	-0.17	0.00	0.24	0.34	-0.02	0.23	0.19	-0.27	-0.15	LINEARITY ERROR (dB)
		-0.26	-0.84	-0.99	-1.35	-0.87	-0.90	-0.72	-0.46	-0.35	-0.69	-0.43	-0.45	-0.90	-0.77	ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	4764.9														
	SLOPE (mV/dB)	67.72														
		377	689	1046	1358	1720	2053	2396	2742	3078	3411	3759	4093	4411	4763	Measured Value (mV)
		14	-13	6	-21	3	-3	1	9	6	0	10	5	-15	-2	Error (mV)
		0.21	-0.19	0.08	-0.31	0.04	-0.05	0.02	0.13	0.09	0.01	0.15	0.08	-0.23	-0.03	LINEARITY ERROR (dB)
		0.89	0.46	0.69	0.26	0.57	0.44	0.47	0.54	0.46	0.34	0.43	0.33	-0.02	0.14	ACCURACY ERROR (dB)
Flatness	+/- dB	0.78	0.80	1.00	0.98	0.83	0.88	0.94	1.11	0.99	1.05	0.87	0.69	0.70	0.66	
-65dBm mV-Out		404	Max	298	Min											





DC Offset= 0.084

Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	4681.7															Measured Value (mV)
	SLOPE (mV/dB)	69.09															Error (mV)
			235	535	870	1216	1574	1896	2222	2600	2972	3306	3667	4007	4331	4678	LINEARITY ERROR (dB)
			44	-1	-12	-11	1	-22	-42	-9	17	6	22	16	-5	-4	ACCURACY ERROR (dB)
			0.64	-0.02	-0.17	-0.16	0.02	-0.32	-0.60	-0.13	0.25	0.09	0.31	0.23	-0.08	-0.05	
			-0.14	-0.80	-0.94	-0.93	-0.75	-1.08	-1.36	-0.88	-0.49	-0.65	-0.42	-0.50	-0.80	-0.77	
9000 MHz	INTERCEPT (mV)	4714															Measured Value (mV)
	SLOPE (mV/dB)	69.01															Error (mV)
			247	567	902	1252	1620	1940	2277	2653	3016	3347	3698	4034	4348	4697	LINEARITY ERROR (dB)
			18	-7	-17	-12	11	-14	-22	9	27	13	19	10	-21	-17	ACCURACY ERROR (dB)
			0.27	-0.10	-0.24	-0.17	0.16	-0.20	-0.32	0.13	0.39	0.19	0.28	0.15	-0.30	-0.25	
			0.03	-0.33	-0.48	-0.41	-0.08	-0.44	-0.56	-0.11	0.15	-0.06	0.03	-0.10	-0.56	-0.50	
10000 MHz	INTERCEPT (mV)	4692.3															Measured Value (mV)
	SLOPE (mV/dB)	68.46															Error (mV)
			259	582	920	1264	1632	1946	2272	2629	2991	3315	3676	4015	4339	4703	LINEARITY ERROR (dB)
			17	-3	-7	-5	20	6	-24	-10	10	8	11	7	-11	-11	ACCURACY ERROR (dB)
			0.24	-0.04	-0.10	-0.08	0.30	-0.12	-0.35	-0.14	0.15	-0.12	0.15	0.11	-0.16	0.16	
			0.20	-0.12	-0.22	-0.24	0.09	-0.36	-0.63	-0.46	-0.22	-0.52	-0.29	-0.38	-0.69	-0.41	
11000 MHz	INTERCEPT (mV)	4650.4															Measured Value (mV)
	SLOPE (mV/dB)	68.37															Error (mV)
			238	543	883	1231	1592	1910	2220	2576	2945	3268	3636	3985	4307	4664	LINEARITY ERROR (dB)
			32	-5	-7	-1	18	-6	-38	-23	4	-15	11	18	-2	14	ACCURACY ERROR (dB)
			0.46	-0.08	-0.10	-0.01	0.27	-0.08	-0.55	-0.34	0.06	-0.22	0.16	0.27	-0.02	0.20	
			-0.10	-0.68	-0.76	-0.71	-0.48	-0.88	-1.39	-1.23	-0.88	-1.20	-0.87	-0.81	-1.15	-0.98	
12000 MHz	INTERCEPT (mV)	4697.7															Measured Value (mV)
	SLOPE (mV/dB)	68.88															Error (mV)
			245	564	903	1250	1614	1937	2261	2618	2980	3304	3669	4018	4347	4720	LINEARITY ERROR (dB)
			24	-1	-7	-4	16	-6	-26	-13	4	-16	4	9	-6	22	ACCURACY ERROR (dB)
			0.35	-0.02	-0.10	-0.06	0.23	-0.08	-0.38	-0.20	0.06	-0.24	0.06	0.13	-0.09	0.32	
			0.00	-0.38	-0.47	-0.44	-0.17	-0.49	-0.79	-0.62	-0.38	-0.68	-0.39	-0.34	-0.57	-0.17	
13000 MHz	INTERCEPT (mV)	4705.5															Measured Value (mV)
	SLOPE (mV/dB)	69.39															Error (mV)
			231	536	875	1226	1593	1922	2252	2616	2980	3308	3676	4021	4348	4720	LINEARITY ERROR (dB)
			36	-6	-14	-10	10	-8	-25	-8	9	-10	11	9	-11	14	ACCURACY ERROR (dB)
			0.52	-0.09	-0.20	-0.14	0.15	-0.11	-0.36	-0.11	0.13	-0.14	0.16	0.14	-0.15	0.21	
			-0.20	-0.78	-0.87	-0.79	-0.47	-0.70	-0.92	-0.65	-0.38	-0.62	-0.29	-0.29	-0.56	-0.17	
14000 MHz	INTERCEPT (mV)	4696.1															Measured Value (mV)
	SLOPE (mV/dB)	69.12															Error (mV)
			236	544	883	1227	1593	1925	2252	2615	2983	3306	3672	4022	4342	4697	LINEARITY ERROR (dB)
			32	-5	-12	-13	7	-6	-25	-8	15	-8	13	17	-8	1	ACCURACY ERROR (dB)
			0.47	-0.07	-0.17	-0.19	0.10	-0.09	-0.36	-0.11	0.21	-0.11	0.18	0.25	-0.12	0.01	
			-0.13	-0.67	-0.76	-0.77	-0.47	-0.66	-0.92	-0.66	-0.33	-0.65	-0.35	-0.28	-0.64	-0.50	
15000 MHz	INTERCEPT (mV)	4669.1															Measured Value (mV)
	SLOPE (mV/dB)	69.06															Error (mV)
			225	514	856	1196	1556	1899	2217	2599	2982	3288	3654	3993	4308	4659	LINEARITY ERROR (dB)
			45	-12	-15	-20	-5	-8	-35	2	39	0	21	14	-16	-10	ACCURACY ERROR (dB)
			0.65	-0.17	-0.22	-0.29	-0.08	-0.11	-0.51	0.02	0.57	0.00	0.30	0.21	-0.23	-0.15	
			-0.29	-1.10	-1.15	-1.22	-1.01	-1.04	-1.43	-0.90	-0.35	-0.91	-0.61	-0.70	-1.13	-1.05	
16000 MHz	INTERCEPT (mV)	4770.7															Measured Value (mV)
	SLOPE (mV/dB)	69.05															Error (mV)
			297	629	968	1292	1660	1989	2339	2722	3077	3405	3751	4089	4403	4751	LINEARITY ERROR (dB)
			15	1	-5	-26	-3	-20	-15	23	33	15	16	9	-22	-20	ACCURACY ERROR (dB)
			0.21	0.02	-0.07	-0.38	-0.05	-0.29	-0.22	0.33	0.47	0.22	0.23	0.13	-0.33	-0.29	
			0.75	0.56	0.47	0.17	0.50	0.27	0.34	0.89	1.03	0.78	0.80	0.89	0.24	0.28	
17000 MHz	INTERCEPT (mV)	4706															Measured Value (mV)
	SLOPE (mV/dB)	69.86															Error (mV)
			219	507	847	1178	1539	1907	2240	2624	2990	3308	3678	4022	4343	4695	LINEARITY ERROR (dB)
			54	-7	-17	-35	-23	-5	-21	14	31	-1	20	15	-14	-11	ACCURACY ERROR (dB)
			0.77	-0.10	-0.24	-0.50	-0.33	-0.06	-0.30	0.20	0.44	-0.01	0.28	0.21	-0.20	-0.16	
			-0.38	-1.20	-1.28	-1.48	-1.25	-0.92	-1.10	-0.53	-0.23	-0.62	-0.26	-0.28	-0.63	-0.53	
18000 MHz	INTERCEPT (mV)	4754.2															Measured Value (mV)
	SLOPE (mV/dB)	68.97															Error (mV)
			276	615	955	1282	1656	1994	2335	2706	3057	3368	3727	4069	4390	4747	LINEARITY ERROR (dB)
			5	-1	-6	-24	5	-1	-5	21	27	-7	7	5	-19	-7	ACCURACY ERROR (dB)
			0.07	-0.01	-0.08	-0.34	0.08	-0.02	-0.08	0.30	0.39	-0.10	0.11	0.07	-0.28	-0.10	
			0.45	0.36	0.29	0.02	0.44	0.34	0.28	0.66	0.74	0.25	0.45	0.40	0.05	0.23	
Flatness		+/- dB	0.57	0.88	0.88	0.83	0.88	0.71	0.88	1.06	0.96	0.99	0.83	0.75	0.70	0.67	
-65dBm mV-Out			297	Max		219	Min										



LOG TRANSFER WITH FREQUENCY
 MODEL: ERLVA-8G18G-65-70MV
 TESTED BY: J. Emperador
 DATE: 08/05/2019
 SERIAL NO: PL26252

Test Temp: -10C



PLANAR MONOLITHICS INDUSTRIES
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 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)	4760.6															Measured Value (mV)
	SLOPE (mV/dB)	69.17															Error (mV)
			312	608	943	1281	1652	1964	2318	2684	3033	3391	3747	4081	4403	4761	LINEARITY ERROR (dB)
			47	-3	-13	-21	4	-30	-22	-2	2	14	24	12	-12	0	ACCURACY ERROR (dB)
			0.68	-0.04	-0.19	-0.31	0.06	-0.43	-0.32	-0.02	0.02	0.20	0.35	0.17	-0.17	0.01	
			-0.20	-0.87	-0.98	-1.04	-0.62	-1.06	-0.88	-0.54	-0.44	-0.21	0.00	-0.12	-0.42	-0.19	
9000 MHz	INTERCEPT (mV)	4776.3															Measured Value (mV)
	SLOPE (mV/dB)	69.08															Error (mV)
			321	622	962	1300	1674	1990	2349	2712	3056	3415	3764	4094	4413	4764	LINEARITY ERROR (dB)
			35	-9	-15	-22	6	-23	-9	8	7	20	24	9	-18	-12	ACCURACY ERROR (dB)
			0.51	-0.14	-0.21	-0.32	0.09	-0.33	-0.14	0.12	0.10	0.29	0.35	0.12	-0.26	-0.18	
			-0.07	-0.67	-0.70	-0.76	-0.30	-0.68	-0.43	-0.13	-0.10	0.14	0.24	0.07	-0.27	-0.14	
10000 MHz	INTERCEPT (mV)	4749.5															Measured Value (mV)
	SLOPE (mV/dB)	68.37															Error (mV)
			340	638	985	1320	1688	2001	2343	2683	3028	3380	3739	4078	4400	4763	LINEARITY ERROR (dB)
			34	-10	-4	-11	15	-14	-15	-12	-2	15	12	-3	13	ACCURACY ERROR (dB)	
			0.50	-0.14	-0.06	-0.16	0.22	-0.20	-0.20	-0.23	-0.18	-0.03	0.22	0.18	-0.11	0.20	
			0.21	-0.43	-0.36	-0.47	-0.09	-0.52	-0.52	-0.55	-0.51	-0.37	-0.12	-0.17	-0.46	-0.16	
11000 MHz	INTERCEPT (mV)	4723.7															Measured Value (mV)
	SLOPE (mV/dB)	68.19															Error (mV)
			329	629	972	1308	1675	1978	2313	2650	3000	3349	3712	4066	4384	4742	LINEARITY ERROR (dB)
			37	-4	-1	-6	20	-18	-24	-28	-19	-11	11	24	1	18	ACCURACY ERROR (dB)
			0.55	-0.05	-0.02	-0.09	0.29	-0.27	-0.35	-0.41	-0.28	-0.16	0.16	0.35	0.02	0.27	
			0.05	-0.57	-0.55	-0.64	-0.28	-0.85	-0.96	-1.03	-0.92	-0.82	-0.52	-0.34	-0.70	-0.46	
12000 MHz	INTERCEPT (mV)	4747.8															Measured Value (mV)
	SLOPE (mV/dB)	68.37															Error (mV)
			342	640	987	1321	1686	2001	2339	2673	3019	3364	3728	4078	4407	4777	LINEARITY ERROR (dB)
			38	-6	-1	-8	15	-12	-16	-24	-20	-16	6	14	1	29	ACCURACY ERROR (dB)
			0.56	-0.08	-0.01	-0.12	0.22	-0.18	-0.23	-0.35	-0.29	-0.24	0.08	0.20	0.01	0.43	
			0.24	-0.40	-0.33	-0.45	-0.12	-0.52	-0.58	-0.70	-0.64	-0.60	-0.28	-0.17	-0.36	0.05	
13000 MHz	INTERCEPT (mV)	4736.4															Measured Value (mV)
	SLOPE (mV/dB)	68.30															Error (mV)
			327	629	973	1312	1683	1998	2343	2668	3010	3357	3723	4067	4390	4754	LINEARITY ERROR (dB)
			30	-10	-7	-10	20	-6	-3	-19	-19	-13	11	14	-5	18	ACCURACY ERROR (dB)
			0.44	-0.14	-0.10	-0.14	0.29	-0.09	-0.04	-0.28	-0.28	-0.20	0.16	0.20	-0.07	0.26	
			0.02	-0.57	-0.54	-0.58	-0.16	-0.56	-0.52	-0.77	-0.77	-0.70	-0.35	-0.33	-0.61	-0.29	
14000 MHz	INTERCEPT (mV)	4695.9															Measured Value (mV)
	SLOPE (mV/dB)	67.99															Error (mV)
			309	610	948	1280	1655	1972	2312	2637	2984	3313	3686	4037	4352	4711	LINEARITY ERROR (dB)
			33	-6	-8	-16	19	-4	-4	-19	-12	-23	10	21	-4	15	ACCURACY ERROR (dB)
			0.48	-0.09	-0.12	-0.24	0.28	-0.06	-0.06	-0.28	-0.18	-0.34	0.15	0.31	-0.06	0.22	
			-0.24	-0.84	-0.90	-1.05	-0.57	-0.94	-0.97	-1.22	-1.15	-1.35	-0.90	-0.77	-1.16	-0.92	
15000 MHz	INTERCEPT (mV)	4754.7															Measured Value (mV)
	SLOPE (mV/dB)	68.36															Error (mV)
			342	644	992	1317	1684	2002	2346	2701	3051	3398	3752	4088	4399	4745	LINEARITY ERROR (dB)
			31	-9	-3	-20	6	-18	-16	-3	5	11	23	17	-14	-10	ACCURACY ERROR (dB)
			0.45	-0.13	-0.04	-0.29	0.08	-0.27	-0.23	-0.04	0.08	0.15	0.33	0.25	-0.20	-0.14	
			0.24	-0.35	-0.26	-0.51	-0.15	-0.50	-0.48	-0.29	-0.17	-0.10	0.07	-0.02	-0.48	-0.42	
16000 MHz	INTERCEPT (mV)	4839.1															Measured Value (mV)
	SLOPE (mV/dB)	68.16															Error (mV)
			428	730	1094	1416	1759	2105	2452	2810	3145	3498	3839	4160	4481	4818	LINEARITY ERROR (dB)
			19	-20	4	-15	-13	-8	-2	16	10	22	22	3	-17	-21	ACCURACY ERROR (dB)
			0.28	-0.29	0.05	-0.22	-0.19	-0.11	-0.02	0.23	0.15	0.32	0.33	0.04	-0.25	-0.31	
			1.50	0.91	1.23	0.93	0.95	1.00	1.07	1.30	1.20	1.36	1.34	1.03	0.72	0.65	
17000 MHz	INTERCEPT (mV)	4737.1															Measured Value (mV)
	SLOPE (mV/dB)	68.67															Error (mV)
			311	607	944	1261	1639	1983	2341	2697	3042	3367	3724	4064	4375	4718	LINEARITY ERROR (dB)
			38	-10	-16	-42	-8	-7	7	20	22	3	17	14	-19	-19	ACCURACY ERROR (dB)
			0.55	-0.14	-0.23	-0.62	-0.11	-0.10	0.11	0.29	0.32	0.05	0.25	0.20	-0.27	-0.28	
			-0.21	-0.89	-0.96	-1.33	-0.81	-0.78	-0.55	-0.35	-0.31	-0.56	-0.34	-0.37	-0.83	-0.82	
18000 MHz	INTERCEPT (mV)	4795.2															Measured Value (mV)
	SLOPE (mV/dB)	68.14															Error (mV)
			385	689	1048	1365	1728	2072	2416	2763	3097	3438	3785	4118	4440	4786	LINEARITY ERROR (dB)
			19	-18	0	-23	-1	2	6	12	5	6	12	4	-15	-9	ACCURACY ERROR (dB)
			0.28	-0.26	0.01	-0.34	-0.01	0.03	0.08	0.18	0.08	0.08	0.17	0.06	-0.21	-0.14	
			0.87	0.31	0.56	0.19	0.49	0.52	0.55	0.62	0.50	0.48	0.55	0.42	0.12	0.18	
Flatness		+/- dB	0.87	0.90	1.10	1.13	0.88	1.03	1.02	1.26	1.18	1.35	1.12	0.90	0.94	0.78	
-65dBm mV-Out			428	Max	309	Min											

