



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

Customer: _____ Tested By: rrlcc
 SO No: _____ Temperature: +25°C (Unless Otherwise Specified)
 Model No: ERDLVA-8G18G-65-70MV Date 8/9/2019
 Serial No: PL23801 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 QA1	
2	VSWR:	2.3:1 Max @ 50 Ω	1.82:1 @ 50 Ω (RF In) 1.77:1 @ 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	±1.33 dB		
7	TSS:	-71 dBm	-72.0 dBm		PMI QA1



**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	67.05 mV/dB	
10	Log Linearity: @+25°C	±1.0 dB Max	+0.36 / -0.46 dB	
11	Log Accuracy @ 25°C:	±1.75 dB Max	+1.41 / -1.30 dB	
12	Absolute Log Accuracy: @+25°C, -10°C, +85°C	±2.0 dB Max	+1.50 / -1.46 dB	
13	DC Offset:	0 - 100mV	+25 mV	
14	Rise Time:	28 ns Max (10% to 90% @ -40 & -10 dBm)	27.23 ns	
15	Fall Time:	300 ns Max (90% to 10% @ -40 & -10 dBm)	130.97 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	149 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



**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	+271 - 382 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	14.46mV	
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	+451 mA -140 mA	PMI QA 1

QA/QC Approval:  PMI QA 1 Date: 8/8/19

LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-8G18G-65-70MV
 TESTED BY: rrlcc
 DATE: 8/9/2019
 SERIAL NO: PL23801

Test Temp: +25C

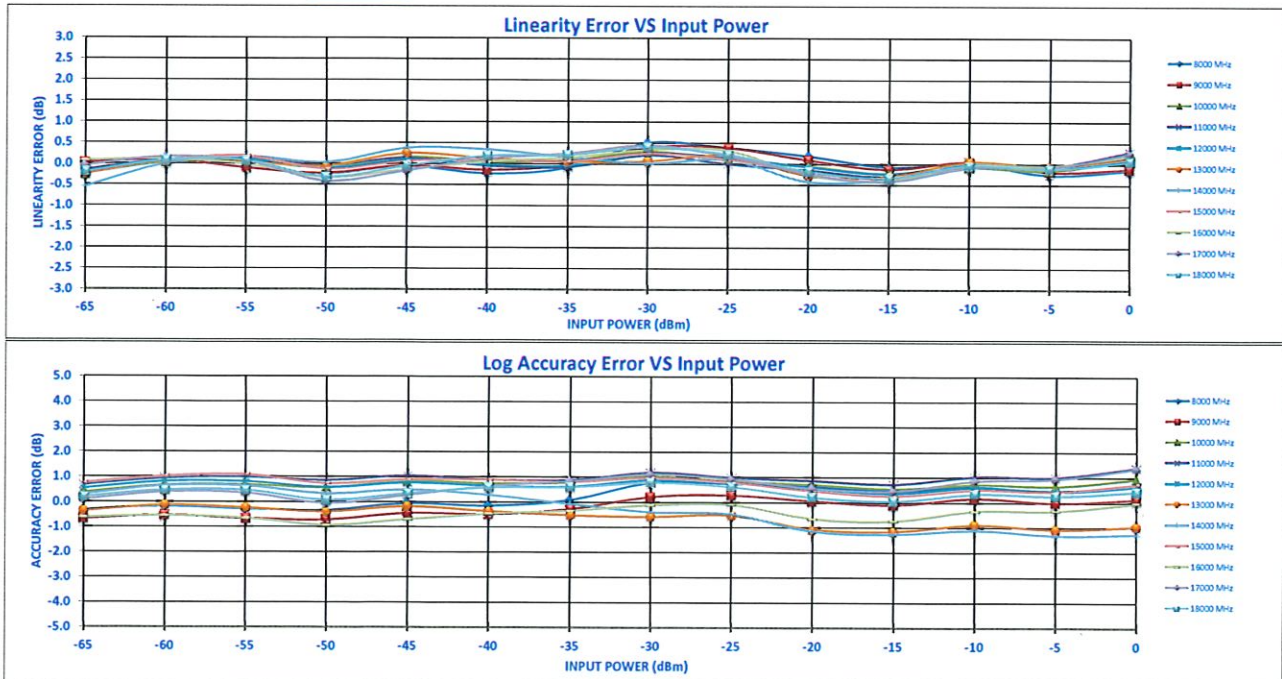


PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway STE 1
 TEL: 916-542-1401 FAX: 301-662-1731
 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

DC Offset= 0.079

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)
8000 MHz	INTERCEPT (mV)	286 646 988 1334 1703 2046 2412 2810 3157 3499 3836 4198 4534 4898														Measured Value (mV)
	SLOPE (mV/dB)	2 6 -8 -17 -4 -17 -5 36 27 14 -5 1 -19 -10														Error (mV)
		0.02 0.09 -0.11 -0.24 -0.06 -0.23 -0.09 0.51 0.38 0.19 -0.07 0.02 -0.26 -0.14														LINEARITY ERROR (dB)
		-0.32 -0.17 -0.28 -0.33 -0.06 -0.15 0.08 0.78 0.74 0.63 0.45 0.63 0.43 0.64														ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	261 620 961 1307 1675 2022 2386 2770 3124 3458 3797 4165 4502 4862														Measured Value (mV)
	SLOPE (mV/dB)	2 6 -8 -17 -3 -11 -2 28 27 6 -9 4 -14 -9														Error (mV)
		0.02 0.08 -0.11 -0.23 -0.05 -0.15 -0.02 0.39 0.38 0.09 -0.13 0.05 -0.19 -0.12														LINEARITY ERROR (dB)
		-0.68 -0.54 -0.67 -0.72 -0.46 -0.49 -0.29 0.20 0.27 0.04 -0.11 0.16 -0.02 0.12														ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	334 704 1055 1397 1765 2108 2461 2827 3163 3504 3842 4204 4549 4919														Measured Value (mV)
	SLOPE (mV/dB)	-17 2 2 -6 -11 3 -6 21 6 -4 -16 -5 -11 -9														Error (mV)
		-0.24 0.03 0.03 -0.09 0.16 0.05 0.08 0.30 0.09 -0.05 -0.23 -0.07 -0.15 0.12														LINEARITY ERROR (dB)
		0.36 0.66 0.68 0.57 0.83 0.74 0.79 1.02 0.83 0.70 0.54 0.71 0.65 0.94														ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	356 724 1077 1417 1780 2118 2467 2838 3174 3515 3855 4226 4574 4950														Measured Value (mV)
	SLOPE (mV/dB)	-11 6 8 -3 10 -3 -5 15 0 -10 -21 -1 -4 21														Error (mV)
		-0.15 0.09 0.12 -0.04 0.14 -0.05 -0.08 0.21 -0.01 -0.15 -0.30 -0.02 -0.06 0.30														LINEARITY ERROR (dB)
		-0.68 0.94 0.99 0.85 1.05 0.88 0.87 1.18 0.98 0.86 0.72 1.03 1.01 1.38														ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	346 715 1064 1398 1761 2102 2449 2818 3159 3493 3830 4196 4536 4898														Measured Value (mV)
	SLOPE (mV/dB)	-14 6 7 -8 6 -1 -3 18 10 -5 -16 1 -7 6														Error (mV)
		-0.20 0.09 0.10 -0.11 0.09 -0.02 -0.04 0.25 0.14 -0.07 -0.23 0.02 -0.11 0.09														LINEARITY ERROR (dB)
		0.54 0.81 0.81 0.58 0.77 0.65 0.61 0.89 0.77 0.55 0.36 0.60 0.46 0.64														ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	282 648 990 1329 1694 2030 2369 2714 3068 3379 3723 4091 4428 4786														Measured Value (mV)
	SLOPE (mV/dB)	-18 4 2 -4 17 9 3 4 14 -20 -20 3 -4 10														Error (mV)
		-0.26 0.06 0.02 -0.05 0.25 0.12 0.05 0.06 0.20 -0.29 -0.29 0.05 -0.06 0.14														LINEARITY ERROR (dB)
		-0.38 -0.14 -0.25 -0.40 -0.18 -0.38 -0.53 -0.60 -0.53 -1.09 -1.17 -0.90 -1.08 -0.96														ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	329 703 1052 1380 1741 2076 2401 2728 3072 3374 3716 4077 4412 4765														Measured Value (mV)
	SLOPE (mV/dB)	-37 0 11 2 26 23 11 0 7 -29 -24 0 -3 13														Error (mV)
		-0.55 0.00 0.17 0.03 0.38 0.34 0.16 0.00 0.10 -0.42 -0.35 -0.01 -0.04 0.19														LINEARITY ERROR (dB)
		0.29 0.64 0.63 0.32 0.49 0.28 -0.07 -0.40 -0.48 -1.16 -1.27 -1.10 -1.31 -1.26														ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	361 729 1083 1408 1769 2118 2462 2823 3160 3486 3822 4189 4534 4904														Measured Value (mV)
	SLOPE (mV/dB)	-16 5 12 -10 4 6 3 18 8 -13 -24 -4 -6 17														Error (mV)
		-0.23 0.07 0.17 -0.14 0.06 0.09 0.05 0.25 0.11 -0.19 -0.35 -0.06 -0.09 0.25														LINEARITY ERROR (dB)
		0.75 1.01 1.08 0.73 0.89 0.88 0.80 0.96 0.78 0.44 0.25 0.50 0.43 0.73														ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	264 619 962 1292 1658 2023 2382 2747 3098 3409 3752 4130 4480 4851														Measured Value (mV)
	SLOPE (mV/dB)	5 8 -1 -23 -10 3 10 23 22 -19 -28 -2 -4 15														Error (mV)
		0.07 0.11 -0.02 -0.33 -0.14 0.05 0.15 0.33 0.32 -0.27 -0.39 -0.03 -0.06 0.21														LINEARITY ERROR (dB)
		-0.64 -0.56 -0.65 -0.93 -0.70 -0.48 -0.34 -0.12 -0.10 -0.66 -0.75 -0.34 -0.34 -0.03														ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	315 685 1032 1353 1726 2101 2464 2833 3169 3494 3836 4214 4569 4948														Measured Value (mV)
	SLOPE (mV/dB)	-4 12 4 -30 -11 9 17 31 13 -17 -30 -6 -6 18														Error (mV)
		-0.05 0.16 0.05 -0.42 -0.16 0.12 0.24 0.44 0.18 -0.24 -0.42 -0.09 -0.08 0.26														LINEARITY ERROR (dB)
		0.09 0.38 0.35 -0.06 0.27 0.64 0.83 1.11 0.91 0.56 0.45 0.86 0.93 1.35														ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	322 691 1040 1362 1731 2097 2448 2810 3148 3469 3808 4178 4522 4884														Measured Value (mV)
	SLOPE (mV/dB)	-14 5 5 -23 -3 13 15 27 16 -13 -23 -3 -8 4														Error (mV)
		-0.20 0.08 0.07 -0.32 -0.04 0.19 0.21 0.39 0.23 -0.18 -0.33 -0.04 -0.11 0.06														LINEARITY ERROR (dB)
		0.19 0.47 0.46 0.07 0.34 0.58 0.60 0.78 0.61 0.20 0.05 0.34 0.26 0.44														ACCURACY ERROR (dB)
Flatness	+/- dB	0.72	0.79	0.87	0.89	0.87	0.69	0.70	0.89	0.76	1.01	0.99	1.07	1.16	1.32	

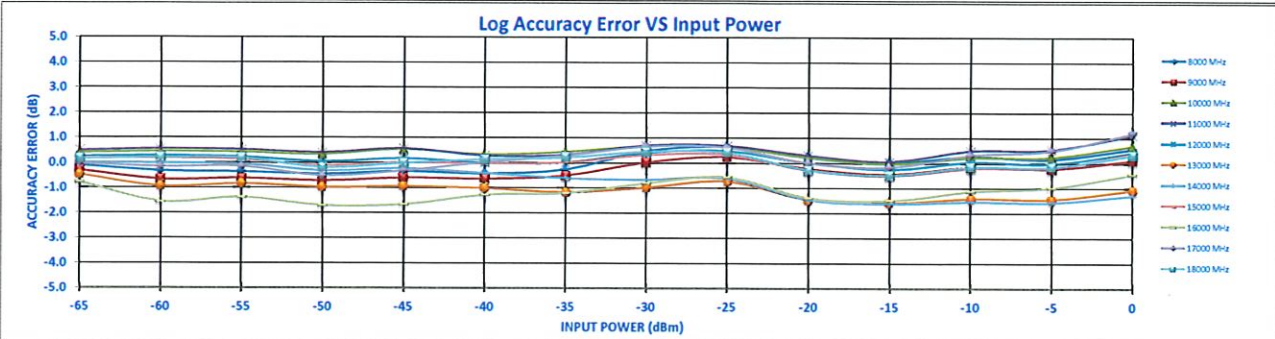
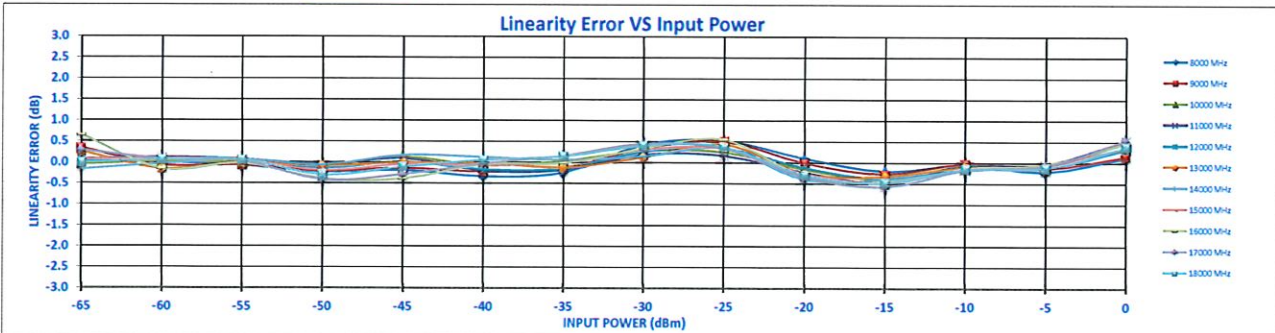
-65dBm mV-Out
 361 Max
 261 Min





DC Offset= 0.081

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)	
8000 MHz	INTERCEPT (mV)	264 594 936 1275 1627 1966 2322 2718 3074 3394 3722 4082 4420 4793															Measured Value (mV)
	SLOPE (mV/dB)	22 2 -5 -16 -13 -23 -17 30 37 7 -14 -3 -15 9															Error (mV)
		0.31 0.03 -0.07 -0.22 -0.19 -0.33 -0.24 0.43 0.52 0.10 -0.20 -0.05 -0.21 0.13															LINEARITY ERROR (dB)
		-0.11 -0.32 -0.36 -0.45 -0.34 -0.43 -0.26 0.48 0.64 0.28 0.04 0.26 0.16 0.57															ACCURACY ERROR (dB)
9000 MHz	INTERCEPT (mV)	250 570 918 1256 1609 1951 2305 2686 3046 3358 3688 4053 4393 4761															Measured Value (mV)
	SLOPE (mV/dB)	23 -5 -5 -15 -10 -18 -10 23 35 -1 -19 -2 -10 10															Error (mV)
		0.33 -0.07 -0.07 -0.21 -0.14 -0.23 -0.14 0.33 0.50 -0.01 -0.27 -0.03 -0.14 0.14															LINEARITY ERROR (dB)
		-0.31 -0.67 -0.62 -0.72 -0.60 -0.84 -0.51 0.01 0.24 -0.24 -0.45 -0.16 -0.23 0.11															ACCURACY ERROR (dB)
10000 MHz	INTERCEPT (mV)	299 647 990 1329 1688 2018 2370 2731 3073 3389 3717 4079 4425 4801															Measured Value (mV)
	SLOPE (mV/dB)	-3 1 -1 -6 5 -5 2 19 17 -11 -28 -10 -8 24															Error (mV)
		-0.05 0.01 -0.01 -0.09 0.13 -0.08 0.03 0.28 0.25 -0.16 -0.40 -0.14 -0.12 0.34															LINEARITY ERROR (dB)
		0.40 0.45 0.42 0.34 0.54 0.33 0.43 0.67 0.63 0.21 -0.03 0.22 0.23 0.69															ACCURACY ERROR (dB)
11000 MHz	INTERCEPT (mV)	305 654 997 1334 1690 2015 2362 2733 3077 3395 3724 4098 4446 4831															Measured Value (mV)
	SLOPE (mV/dB)	5 8 5 -3 7 -14 -12 13 11 -16 -33 -5 -2 37															Error (mV)
		0.07 0.11 0.08 -0.05 0.10 -0.20 -0.18 0.19 0.16 -0.24 -0.48 -0.07 -0.03 0.54															LINEARITY ERROR (dB)
		0.49 0.55 0.52 0.41 0.57 0.28 0.32 0.70 0.68 0.30 0.07 0.49 0.54 1.12															ACCURACY ERROR (dB)
12000 MHz	INTERCEPT (mV)	288 635 977 1309 1663 1995 2341 2713 3063 3375 3702 4067 4408 4783															Measured Value (mV)
	SLOPE (mV/dB)	3 6 3 -9 1 -11 -10 18 24 -8 -26 -5 -8 23															Error (mV)
		0.04 0.08 0.05 -0.13 0.01 -0.17 -0.14 0.26 0.35 -0.12 -0.37 -0.07 -0.12 0.33															LINEARITY ERROR (dB)
		0.24 0.27 0.23 0.05 0.18 -0.01 0.01 0.41 0.48 0.01 -0.25 0.04 -0.01 0.42															ACCURACY ERROR (dB)
13000 MHz	INTERCEPT (mV)	238 551 903 1238 1585 1925 2259 2617 2979 3273 3609 3966 4309 4679															Measured Value (mV)
	SLOPE (mV/dB)	17 -11 0 -6 0 -1 -8 9 29 -18 -23 -7 -5 24															Error (mV)
		0.25 -0.16 0.00 -0.09 0.00 -0.02 -0.12 0.13 0.43 -0.26 -0.33 -0.10 -0.07 0.35															LINEARITY ERROR (dB)
		-0.49 -0.95 -0.84 -0.98 -0.95 -1.02 -1.18 -0.99 -0.74 -1.47 -1.60 -1.42 -1.45 -1.08															ACCURACY ERROR (dB)
14000 MHz	INTERCEPT (mV)	271 615 957 1284 1635 1967 2298 2639 2987 3273 3608 3958 4301 4665															Measured Value (mV)
	SLOPE (mV/dB)	-11 -2 4 -4 12 9 4 10 23 -26 -27 -12 -4 25															Error (mV)
		-0.17 -0.04 0.06 -0.06 0.18 0.13 0.06 0.15 0.34 -0.39 -0.40 -0.18 -0.06 0.37															LINEARITY ERROR (dB)
		-0.01 -0.02 -0.06 -0.32 -0.23 -0.41 -0.61 -0.62 -0.62 -1.47 -1.61 -1.54 -1.56 -1.29															ACCURACY ERROR (dB)
15000 MHz	INTERCEPT (mV)	284 629 970 1297 1651 1993 2341 2706 3052 3354 3684 4049 4396 4781															Measured Value (mV)
	SLOPE (mV/dB)	5 6 3 -13 -3 -5 -1 21 23 -19 -32 -11 -8 34															Error (mV)
		0.07 0.09 0.05 -0.20 -0.05 -0.07 -0.01 0.30 0.34 -0.27 -0.47 -0.16 -0.11 0.49															LINEARITY ERROR (dB)
		0.18 0.18 0.13 -0.13 0.01 -0.04 0.01 0.30 0.32 -0.30 -0.51 -0.22 -0.19 0.40															ACCURACY ERROR (dB)
16000 MHz	INTERCEPT (mV)	218 509 866 1188 1536 1907 2257 2629 2991 3278 3616 3986 4341 4723															Measured Value (mV)
	SLOPE (mV/dB)	45 -11 -2 -27 -27 -3 -1 23 38 -23 -32 -10 -2 32															Error (mV)
		0.65 -0.16 -0.03 -0.39 -0.39 -0.05 -0.01 0.34 0.55 -0.33 -0.46 -0.14 -0.03 0.46															LINEARITY ERROR (dB)
		-0.78 -1.56 -1.38 -1.71 -1.66 -1.28 -1.21 -0.81 -0.86 -1.40 -1.50 -1.13 -0.98 -0.45															ACCURACY ERROR (dB)
17000 MHz	INTERCEPT (mV)	269 605 951 1270 1629 1997 2360 2730 3072 3374 3708 4086 4443 4836															Measured Value (mV)
	SLOPE (mV/dB)	20 6 2 -29 -20 -2 11 31 24 -24 -40 -12 -5 38															Error (mV)
		0.28 0.08 0.03 -0.41 -0.28 -0.03 0.16 0.45 0.34 -0.35 -0.57 -0.17 -0.07 0.55															LINEARITY ERROR (dB)
		-0.04 -0.16 -0.15 -0.52 -0.31 0.02 0.29 0.65 0.61 -0.01 -0.16 0.32 0.49 1.19															ACCURACY ERROR (dB)
18000 MHz	INTERCEPT (mV)	282 630 974 1293 1650 2005 2355 2716 3058 3355 3686 4053 4398 4776															Measured Value (mV)
	SLOPE (mV/dB)	-1 4 4 -21 -7 4 10 28 26 -21 -33 -10 -9 26															Error (mV)
		-0.01 0.05 0.06 -0.30 -0.11 0.06 0.15 0.40 0.38 -0.30 -0.49 -0.15 -0.13 0.37															LINEARITY ERROR (dB)
		0.15 0.20 0.19 -0.19 -0.01 0.14 0.21 0.45 0.41 -0.28 -0.48 -0.16 -0.16 0.32															ACCURACY ERROR (dB)
Flatness	+/- dB	0.63 1.05 0.95 1.06 1.12 0.80 0.82 0.84 0.71 0.88 0.84 1.02 1.05 1.24															
-65dBm mV-Out		305 Max 218 Min															



LOG TRANSFER WITH FREQUENCY
 MODEL: ERDLVA-8G18G-65-70MV
 TESTED BY: rllcc
 DATE: 8/9/2019
 SERIAL NO: PL23801

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= 0.043

Frequency		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	RF Input Power (dBm)		
8000 MHz	INTERCEPT (mV)	4952.6																
	SLOPE (mV/dB)	72.05																
	Measured Value (mV)	287	635	972	1321	1697	2050	2424	2833	3187	3535	3878	4240	4572	4924			
	Error (mV)	17	5	-18	-29	-13	-21	-7	42	36	23	6	8	-20	-29			
	LINEARITY ERROR (dB)	0.24	0.07	-0.25	-0.41	-0.19	-0.29	-0.10	0.58	0.49	0.32	0.08	0.11	-0.28	-0.40			
	ACCURACY ERROR (dB)	-0.25	-0.34	-0.59	-0.68	-0.38	-0.40	-0.13	0.63	0.62	0.52	0.36	0.46	0.14	0.10			
9000 MHz	INTERCEPT (mV)	4919.1																
	SLOPE (mV/dB)	71.94																
	Measured Value (mV)	263	608	943	1294	1668	2025	2398	2796	3155	3497	3841	4211	4545	4892			
	Error (mV)	20	5	-20	-28	-14	-17	-3	35	34	17	1	11	-14	-27			
	LINEARITY ERROR (dB)	0.28	0.07	-0.27	-0.39	-0.19	-0.23	-0.05	0.49	0.48	0.23	0.01	0.16	-0.20	-0.38			
	ACCURACY ERROR (dB)	-0.58	-0.72	-1.00	-1.06	-0.79	-0.75	-0.50	0.11	0.17	-0.01	-0.16	0.05	-0.24	-0.35			
10000 MHz	INTERCEPT (mV)	4962.9																
	SLOPE (mV/dB)	71.30																
	Measured Value (mV)	329	686	1030	1378	1755	2109	2473	2855	3198	3545	3889	4251	4591	4951			
	Error (mV)	1	1	-11	-20	1	-2	6	31	18	8	-4	1	-15	-12			
	LINEARITY ERROR (dB)	0.01	0.01	-0.16	-0.28	0.01	-0.03	0.08	0.44	0.25	0.11	-0.06	0.01	-0.22	-0.17			
	ACCURACY ERROR (dB)	0.35	0.38	0.22	0.22	0.44	0.43	0.56	0.64	0.77	0.66	0.51	0.61	0.40	0.48			
11000 MHz	INTERCEPT (mV)	4977.5																
	SLOPE (mV/dB)	71.34																
	Measured Value (mV)	346	702	1048	1394	1768	2116	2476	2862	3207	3554	3898	4269	4612	4975			
	Error (mV)	5	5	-6	-17	1	-8	-5	25	13	3	-9	5	-9	-3			
	LINEARITY ERROR (dB)	0.08	0.07	-0.08	-0.23	0.01	-0.11	-0.07	0.34	0.18	0.04	-0.13	0.07	-0.12	-0.04			
	ACCURACY ERROR (dB)	0.58	0.60	0.48	0.35	0.62	0.53	0.60	1.04	0.90	0.79	0.64	0.87	0.70	0.82			
12000 MHz	INTERCEPT (mV)	4931.7																
	SLOPE (mV/dB)	70.71																
	Measured Value (mV)	336	692	1037	1377	1748	2098	2454	2836	3185	3525	3865	4233	4568	4915			
	Error (mV)	1	3	-5	-19	-2	-5	-3	26	21	8	-6	8	-10	-17			
	LINEARITY ERROR (dB)	0.01	0.04	-0.08	-0.27	-0.02	-0.07	-0.04	0.36	0.30	0.11	-0.08	0.12	-0.14	-0.24			
	ACCURACY ERROR (dB)	0.44	0.46	0.32	0.11	0.34	0.27	0.29	0.67	0.59	0.38	0.17	0.36	0.08	-0.03			
13000 MHz	INTERCEPT (mV)	4804.1																
	SLOPE (mV/dB)	69.61																
	Measured Value (mV)	279	627	965	1310	1681	2027	2373	2723	3085	3400	3748	4120	4453	4794			
	Error (mV)	0	-1	-11	-14	9	7	5	7	21	-12	-12	12	-3	-10			
	LINEARITY ERROR (dB)	-0.01	-0.01	-0.15	-0.20	0.13	0.10	0.08	0.10	0.30	-0.17	-0.17	0.17	-0.04	-0.14			
	ACCURACY ERROR (dB)	-0.36	-0.46	-0.69	-0.83	-0.60	-0.73	-0.85	-0.92	-0.82	-1.38	-1.47	-1.23	-1.54	-1.73			
14000 MHz	INTERCEPT (mV)	4786.1																
	SLOPE (mV/dB)	68.25																
	Measured Value (mV)	331	687	1032	1365	1735	2078	2408	2741	3094	3400	3746	4112	4443	4781			
	Error (mV)	-19	-4	-1	-9	20	22	11	2	14	-21	-16	8	-2	-5			
	LINEARITY ERROR (dB)	-0.28	-0.06	-0.01	-0.13	0.29	0.32	0.15	0.03	0.21	-0.31	-0.24	0.12	-0.03	-0.07			
	ACCURACY ERROR (dB)	0.37	0.39	0.25	-0.06	0.16	-0.01	-0.36	-0.67	-0.89	-1.38	-1.50	-1.35	-1.68	-1.92			
15000 MHz	INTERCEPT (mV)	4941.4																
	SLOPE (mV/dB)	70.36																
	Measured Value (mV)	364	723	1072	1402	1772	2130	2482	2858	3201	3533	3875	4241	4580	4934			
	Error (mV)	-4	3	0	-22	-3	3	3	27	19	-1	-11	3	-10	-7			
	LINEARITY ERROR (dB)	-0.06	0.04	0.00	-0.31	-0.05	0.04	0.04	0.39	0.26	-0.02	-0.16	0.05	-0.14	-0.11			
	ACCURACY ERROR (dB)	0.84	0.90	0.82	0.47	0.68	0.72	0.69	0.98	0.82	0.50	0.32	0.47	0.25	0.24			
16000 MHz	INTERCEPT (mV)	4888.2																
	SLOPE (mV/dB)	71.45																
	Measured Value (mV)	265	609	945	1279	1652	2028	2397	2776	3136	3453	3799	4180	4525	4881			
	Error (mV)	21	8	-13	-37	-21	-2	10	31	34	-6	-17	6	-6	-7			
	LINEARITY ERROR (dB)	0.29	0.11	-0.19	-0.51	-0.29	-0.03	0.13	0.44	0.48	-0.09	-0.24	0.09	-0.08	-0.10			
	ACCURACY ERROR (dB)	-0.56	-0.71	-0.97	-1.27	-1.01	-0.71	-0.51	-0.17	-0.10	-0.63	-0.76	-0.39	-0.53	-0.51			
17000 MHz	INTERCEPT (mV)	4973.8																
	SLOPE (mV/dB)	72.09																
	Measured Value (mV)	301	658	999	1326	1705	2092	2468	2855	3200	3529	3876	4253	4602	4967			
	Error (mV)	13	10	-10	-43	-25	2	17	44	29	-3	-16	0	-11	-7			
	LINEARITY ERROR (dB)	0.18	0.14	-0.13	-0.60	-0.34	0.03	0.24	0.61	0.40	-0.04	-0.23	0.00	-0.16	-0.09			
	ACCURACY ERROR (dB)	-0.05	-0.02	-0.21	-0.61	-0.26	0.19	0.49	0.94	0.80	0.44	0.33	0.64	0.56	0.70			
18000 MHz	INTERCEPT (mV)	4908.3																
	SLOPE (mV/dB)	71.50																
	Measured Value (mV)	278	624	960	1293	1667	2048	2416	2802	3160	3482	3826	4200	4540	4886			
	Error (mV)	17	6	-16	-40	-24	0	10	39	39	4	-10	7	-11	-22			
	LINEARITY ERROR (dB)	0.24	0.08	-0.22	-0.56	-0.33	0.00	0.14	0.54	0.55	0.05	-0.14	0.09	-0.15	-0.31			
	ACCURACY ERROR (dB)	-0.37	-0.50	-0.76	-1.07	-0.80	-0.43	-0.24	0.19	0.24	-0.22	-0.38	-0.11	-0.31	-0.44			
Flatness	+/- dB	0.71	0.81	0.91	0.87	0.85	0.74	0.77	0.98	0.86	1.09	1.07	1.11	1.19	1.37			
-65dBm mV-Out		364	Max													263	Min	

