

LOG TRANSFER WITH FREQUENCY @ 25 °C
 MODEL: SDLVA-0120-70 OPT. 500M105, 10dBm, MH SERIAL No. :PM801063
 TESTED BY: H. HAHN
 DATE: 03/APRIL/08



PLANAR MONOLITHICS INDUSTRIES
 7311-G GROVE ROAD, FREDERICK, MD 21704 USA
 TEL: 301-631-1579 FAX: 301-662-2029
 URL: WWW.PLANARMONOLITHICS.COM
 EMAIL: SALES@PLANARMONOLITHICS.COM
 ISO 9001:2000 CERTIFIED

Frequency

0.50 INTERCEPT (mV) 1512
 SLOPE (mV/dB) 27.91
 LIMITED IF OUTPUT (dBm)

1.00 INTERCEPT (mV) 1353
 SLOPE (mV/dB) 25.75
 LIMITED IF OUTPUT (dBm)

1.50 INTERCEPT (mV) 1194
 SLOPE (mV/dB) 23.76
 LIMITED IF OUTPUT (dBm)

LINEARITY(-60 TO 0dBm) ± 1.17
 LINEARITY(-65 TO +5dBm) ± 1.17
 FREQUENCY FLATNESS ± 7.04

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.50 Measured Value (mV)	-272	-163	-38	113	250	385	538	664	811	955	1086	1244	1377	1528	1644	Measured Value (mV)
0.50 Error (mV)	30	0	-15	-4	-6	-11	3	-11	-3	1	-7	11	4	16	-8	Error (mV)
0.50 Measured Value (mV)	9.68	9.50	9.41	9.38	9.41	9.42	9.44	9.46	9.46	9.46	9.46	9.46	9.46	9.46	9.46	Measured Value (mV)
1.00 Measured Value (mV)	-302	-200	-76	62	194	320	460	578	710	841	961	1104	1228	1364	1468	Measured Value (mV)
1.00 Error (mV)	19	-8	-13	-4	0	-3	8	-3	0	3	-6	8	3	11	-14	Error (mV)
1.00 Measured Value (mV)	11.63	12.08	12.13	12.15	12.19	12.22	12.23	12.24	12.24	12.24	12.24	12.24	12.24	12.25	12.27	Measured Value (mV)
1.50 Measured Value (mV)	-328	-259	-133	4	133	246	375	487	604	729	837	966	1078	1193	1292	Measured Value (mV)
1.50 Error (mV)	22	-28	-21	-2	8	2	12	5	4	10	-1	9	2	-1	-21	Error (mV)
1.50 Measured Value (mV)	11.20	12.02	12.91	12.97	13.00	13.05	13.08	13.10	13.10	13.10	13.09	13.08	13.07	13.07	12.79	Measured Value (mV)

