

LOG TRANSFER WITH FREQUENCY @25 °C
 MODEL: SDLVA-0120-70 OPTION: 500M105, 10dBm, MH SERIAL No.:PM801062
 TESTED BY: H. HAHN
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 ISO 9001:2000 CERTIFIED

Frequency

0.50 INTERCEPT (mV) 1817
 SLOPE (mV/dB) 29.12
 LIMITED IF OUTPUT (dBm)

1.00 INTERCEPT (mV) 1755
 SLOPE (mV/dB) 26.83
 LIMITED IF OUTPUT (dBm)

1.50 INTERCEPT (mV) 1578
 SLOPE (mV/dB) 24.18
 LIMITED IF OUTPUT (dBm)

LINEARITY(-60 TO 0dBm) ± 1.20
 LINEARITY(-65 TO +5dBm) ± 1.20
 FREQUENCY FLATNESS ± 5.32

	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.50 Measured Value (mV)	-43	41	180	366	511	651	817	943	1085	1254	1377	1522	1676	1805	1959	Measured Value (mV)
0.50 Error (mV)	33	-28	-35	6	5	-1	20	0	-4	20	-3	-3	5	-12	-3	Error (mV)
0.50 Measured Value (mV)	9.98	11.30	12.26	12.59	12.65	12.67	12.68	12.68	12.68	12.68	12.68	12.68	12.68	12.68	12.67	Measured Value (mV)
1.00 Measured Value (mV)	33	121	271	401	550	699	828	944	1094	1221	1343	1498	1612	1741	1898	Measured Value (mV)
1.00 Error (mV)	22	-24	-9	-13	2	17	12	-6	10	2	-10	11	-9	-14	9	Error (mV)
1.00 Measured Value (mV)	10.21	11.08	11.57	11.66	11.65	11.65	11.64	11.64	11.64	11.64	11.64	11.64	11.63	11.63	11.63	Measured Value (mV)
1.50 Measured Value (mV)	29	133	245	342	479	616	734	839	976	1097	1209	1349	1466	1579	1693	Measured Value (mV)
1.50 Error (mV)	23	6	-3	-27	-11	5	2	-13	3	3	-6	13	9	1	-6	Error (mV)
1.50 Measured Value (mV)	9.48	9.84	9.96	10.06	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.20	10.21	10.22	10.23	Measured Value (mV)

