

LOG TRANSFER WITH FREQUENCY @ 25 °C
 MODEL: SDLVA-0120-70-500M105-10dBm-MH
 TESTED BY: Kevin
 DATE: 5/8/15

SERIAL NO: PM510328



PLANAR MONOLITHICS INDUSTRIES
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 ISO 9001:2000 CERTIFIED

TP1

Frequency

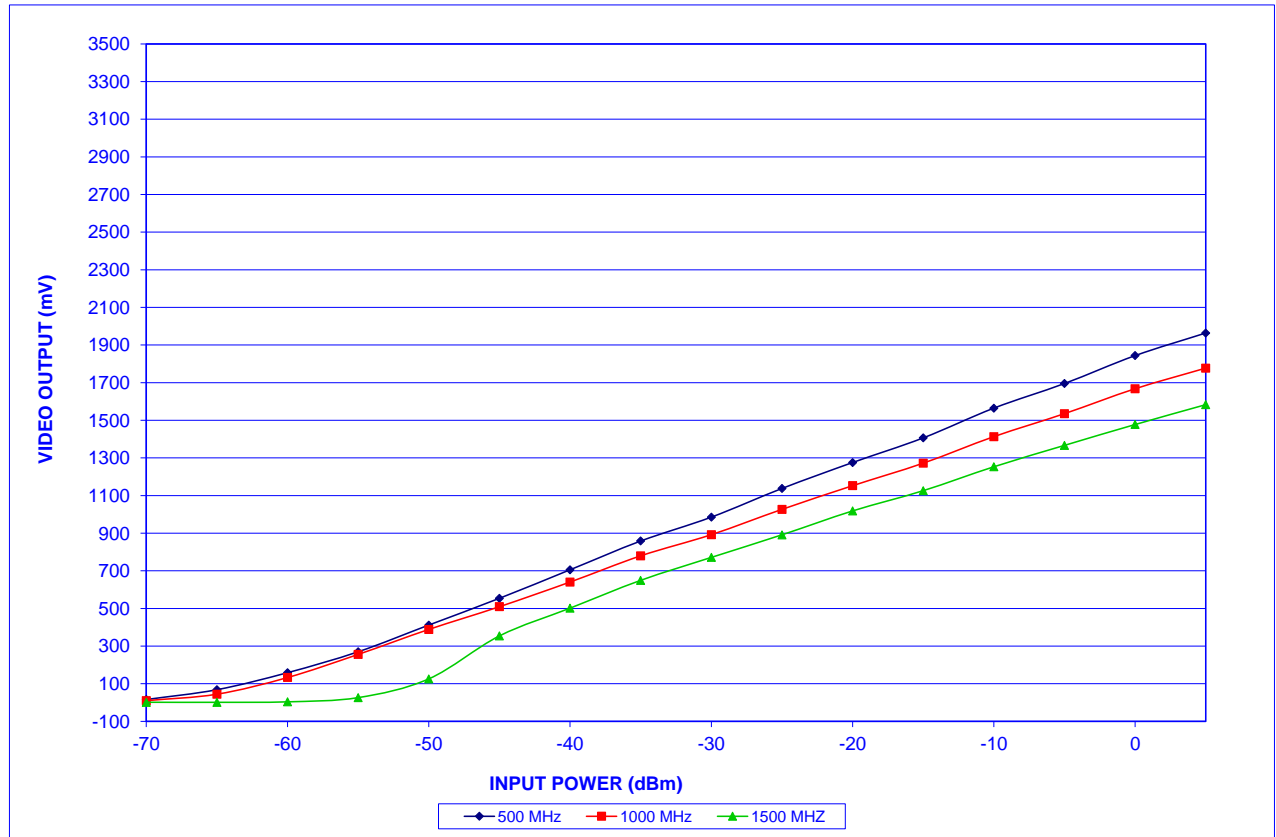
500 MHz INTERCEPT (mV) 1831
 SLOPE (mV/dB) 27.93
 LIMITED IF OUTPUT (dBm)

1000 MHz INTERCEPT (mV) 1658
 SLOPE (mV/dB) 25.28
 LIMITED IF OUTPUT (dBm)

1500 MHz INTERCEPT (mV) 1487
 SLOPE (mV/dB) 24.8
 LIMITED IF OUTPUT (dBm)

LINEARITY(-60 TO 0dBm) ± 4.90
 LINEARITY(-65 TO +5dBm) ± 5.07
 FREQUENCY FLATNESS ± 7.32

	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
500 MHz Measured Value (mV)	16	68	159	270	412	554	706	859	985	1138	1276	1407	1565	1696	1844	1964	
500 MHz Error (mV)	140	52	3	-25	-23	-21	-9	5	-8	5	3	-6	13	4	13	-7	
500 MHz Measured Value (mV)	10.16	10.82	11.21	11.39	11.50	11.49	11.47	11.47	11.46	11.46	11.47	11.47	11.47	11.47	11.47	11.47	
1000 MHz Measured Value (mV)	10	44	133	256	389	509	640	780	892	1027	1152	1272	1413	1535	1668	1777	
1000 MHz Error (mV)	122	30	-8	-11	-5	-11	-6	7	-7	1	0	-6	8	4	10	-7	
1000 MHz Measured Value (mV)	9.75	10.34	10.75	10.86	10.83	10.81	10.82	10.84	10.84	10.85	10.86	10.85	10.85	10.85	10.85	10.85	
1500 MHz Measured Value (mV)	2	1	4	26	126	354	502	650	771	891	1018	1126	1253	1367	1478	1583	
1500 MHz Error (mV)	250	126	4	-97	-122	-17	6	30	28	24	27	11	14	3	-10	-28	
1500 MHz Measured Value (mV)	9.23	9.32	9.52	9.86	10.09	10.05	10.01	10.02	10.02	10.02	10.03	10.02	10.02	10.03	10.04	10.06	



LIMITED IF OUTPUT MAX 11.50 dBm (-60 to +5 dBm)
 LIMITED IF OUTPUT MIN 9.52 dBm (-60 to +5 dBm)
 LIMITED IF FLATNESS ± 0.99 dBm (-60 to +5 dBm)