

LOG TRANSFER WITH FREQUENCY
 MODEL: SDLVA-218-44-70MV
 TESTED BY: E.Benson
 TEST DATE: 11/30/2023
 SERIAL NO: PL38375
 TEST TEMP: +25C

Thursday, November 30, 2023
 2:34 PM



PLANAR MONOLITHICS INDUSTRIES
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PMI
 QA3
 12-1-23

Frequency

			-40	-35	-30	-25	-20	-15	-10	-5	0
6 GHz	INTERCEPT (mV)	2190	123	350	589	845	1112	1404	1691	1943	2183
	SLOPE (mV/dB)	52.61	37	1	-23	-30	-26	3	27	16	-7
			0.71	0.03	-0.43	-0.57	-0.49	0.06	0.52	0.31	-0.13
12 GHz	INTERCEPT (mV)	2174	102	335	577	838	1104	1392	1677	1925	2161
	SLOPE (mV/dB)	52.53	29	0	-21	-23	-19	6	28	14	-13
			0.56	-0.01	-0.40	-0.43	-0.37	0.11	0.54	0.26	-0.25
18 GHz	INTERCEPT (mV)	2122	89	301	539	803	1066	1348	1628	1874	2118
	SLOPE (mV/dB)	51.86	41	-6	-28	-23	-19	4	24	11	-4
			0.79	-0.12	-0.53	-0.44	-0.37	0.07	0.47	0.21	-0.08
Flatness +/-dB			0.3	0.5	0.5	0.4	0.4	0.5	0.6	0.7	0.6

RF Input Power (dBm)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)

