

LOG TRANSFER WITH FREQUENCY @
 MODEL: ERDLVA-218-DC-LPD
 TESTED BY: JOHN M
 TEST DATE: 12-16-21
 SERIAL NO: PL21629
 TEST TEMP: +25C

PMI
 Q3
 11/24
 12-17-21



PLANAR MONOLITHICS INDUSTRIES
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Frequency

		-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
2 GHz	INTERCEPT (mV)	385 787 1132 1594 2004 2353 2751 3137 3526 3980 4410 4845 5277 5717														Measured Value (mV)
	SLOPE (mV/dB)	44 38 -25 29 31 -28 -38 -60 -79 -33 -11 16 41 73														Error (mV)
		0.54 0.47 -0.31 0.36 0.38 -0.34 -0.46 -0.73 -0.96 -0.40 -0.13 0.20 0.50 0.89														LINEARITY ERROR (dB)
X																
10 GHz	INTERCEPT (mV)	256 649 991 1445 1854 2242 2659 3133 3523 3963 4374 4783 5142 5535														Measured Value (mV)
	SLOPE (mV/dB)	39 20 -51 -9 -12 -36 -31 31 8 36 35 32 -21 -41														Error (mV)
		0.47 0.24 -0.61 -0.11 -0.14 -0.44 -0.38 0.37 0.10 0.44 0.42 0.39 -0.26 -0.49														LINEARITY ERROR (dB)
X																
18 GHz	INTERCEPT (mV)	204 575 935 1370 1788 2188 2582 3019 3426 3839 4263 4697 5071 5510														Measured Value (mV)
	SLOPE (mV/dB)	56 16 -35 -11 -4 -15 -32 5 -9 -7 6 29 -8 20														Error (mV)
		0.68 0.19 -0.43 -0.13 -0.05 -0.18 -0.38 0.06 -0.11 -0.09 0.07 0.35 -0.10 0.25														LINEARITY ERROR (dB)
Flatness +/-dB																
		1.1	1.3	1.2	1.4	1.3	1	1	0.7	0.6	0.9	0.9	0.9	1.2	1.3	

