

LOG TRANSFER WITH FREQUENCY
 MODEL: DLVA-218-45-100MV-CW
 TESTED BY: johnm
 TEST DATE: 4-5-21
 SERIAL NO: PL29425
 TEST TEMP: +25C



PLANAR MONOLITHICS INDUSTRIES
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DC Offset= -0.129 V

Frequency	INTERCEPT (mV)	4315
2 GHz	SLOPE (mV/dB)	95.1

Frequency	INTERCEPT (mV)	4233
10 GHz	SLOPE (mV/dB)	93.2

Frequency	INTERCEPT (mV)	4359
18 GHz	SLOPE (mV/dB)	94.8

Flatness +/- dB
Max Video Output Volts
Min Video Output Volts

	-40	-35	-30	-25	-20	-15	-10	-5	0	5
2 GHz	486	1099	1414	1874	2413	2990	3317	3791	4359	4802
10 GHz	484	1094	1399	1857	2359	2956	3267	3707	4273	4738
18 GHz	556	1143	1461	1934	2440	3023	3354	3852	4412	4834
Flatness +/- dB	0.40	0.30	0.30	0.40	0.40	0.40	0.50	0.80	0.70	0.50

RF Input Power (dBm)

Measured Value (mV)	Error(dB)
Error (mV)	MAX MIN
LINEARITY ERROR (dB)	1.18 -0.67
LOGGING ACCURACY (dB)	1.30 -0.53

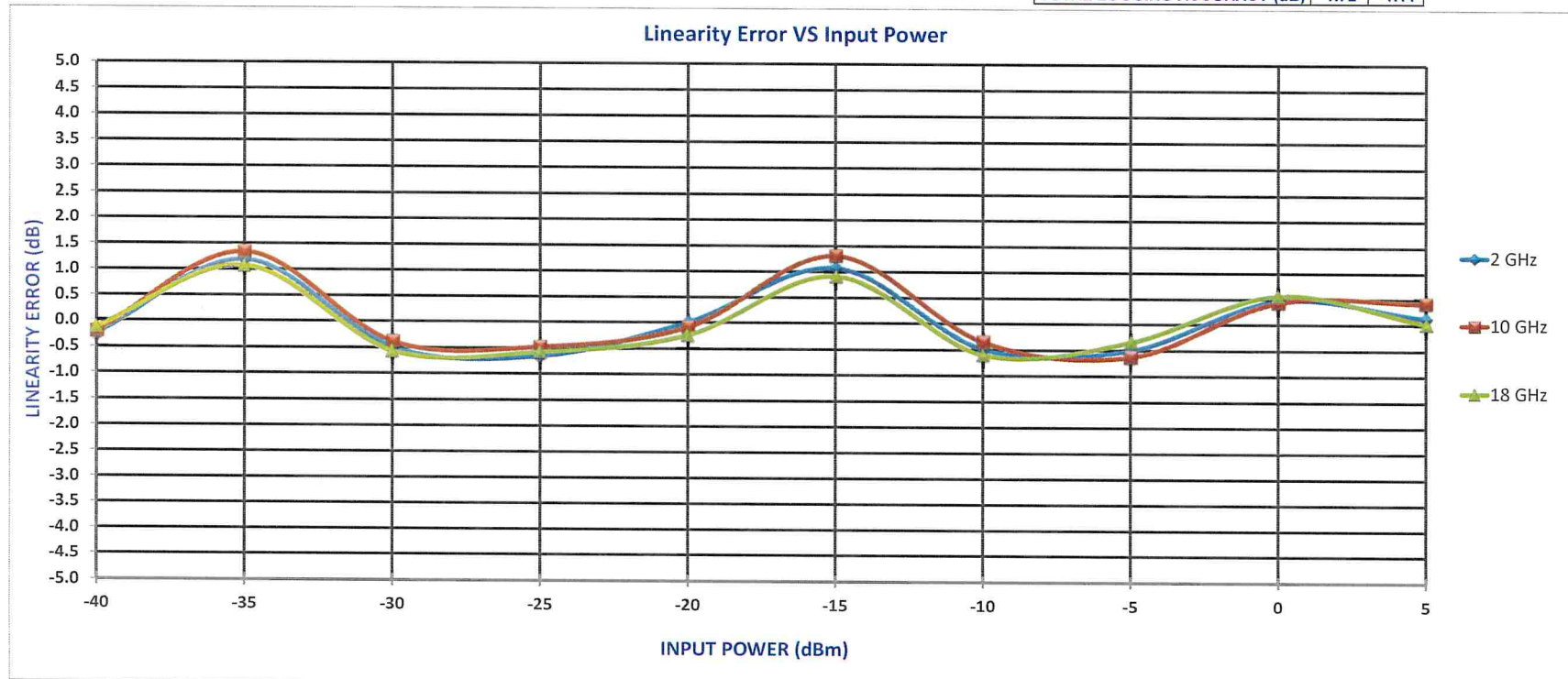
Measured Value (mV)	Error(dB)
Error (mV)	MAX MIN
LINEARITY ERROR (dB)	1.33 -0.64
LOGGING ACCURACY (dB)	1.20 -1.11

Measured Value (mV)	Error(dB)
Error (mV)	MAX MIN
LINEARITY ERROR (dB)	1.06 -0.60
LOGGING ACCURACY (dB)	1.72 0.09

Logging Linearity vs Frequency	Error(dB)
TOTAL LOG LINEARITY (dB)	1.33 -0.67

Logging Accuracy vs Frequency	Error(dB)
TOTAL LOGGING ACCURACY (dB)	1.72 -1.11

Arthur Zimmerman
 4-8-21
 PMI QAS



Output Voltage VS Input Power

