



PLANAR MONOLITHICS INDUSTRIES
 4921 ROBERT J. MATHEWS PARKWAY
 ELDORADO HILLS, CA 95762
 PH: 916-542-1401 FAX: 916-265-2597
 EMAIL: SALES@PMI-RF.COM

LOG TRANSFER WITH FREQUENCY @ +25°C
 MODEL: SDLVA-50M18G-70
 TESTED BY: Daniel W
 TEST DATE: 12/17/25
 SERIAL NO: PL57065/2552
 TEST TEMP: +25C

Frequency

RF Input Power (dBm)	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
----------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----	---

50 MHz	INTERCEPT (mV)	2050.667
	SLOPE (mV/dB)	24.44571

9 GHz	INTERCEPT (mV)	2117.633
	SLOPE (mV/dB)	25.49429

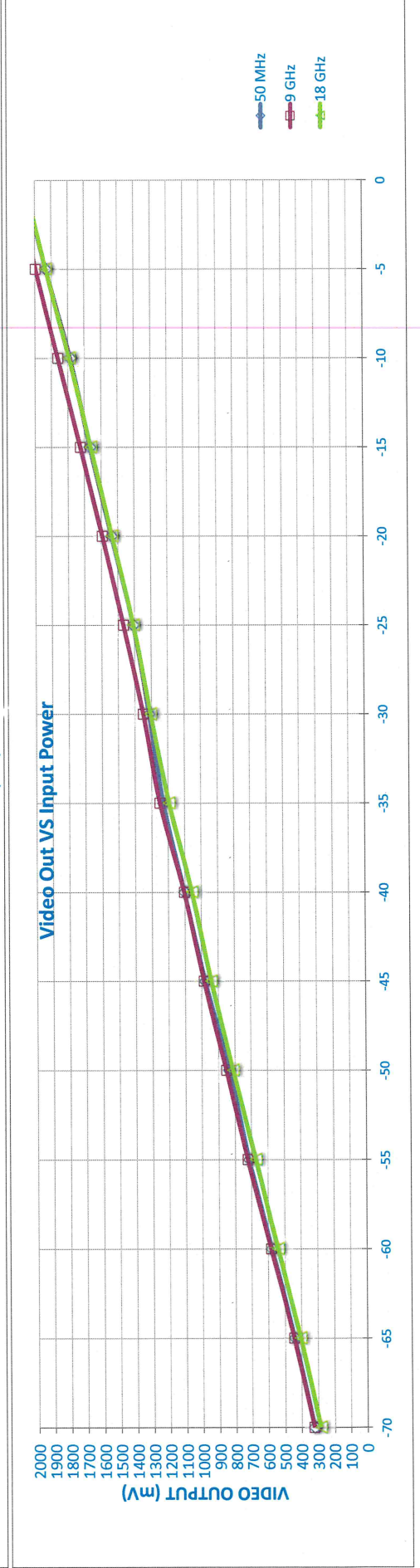
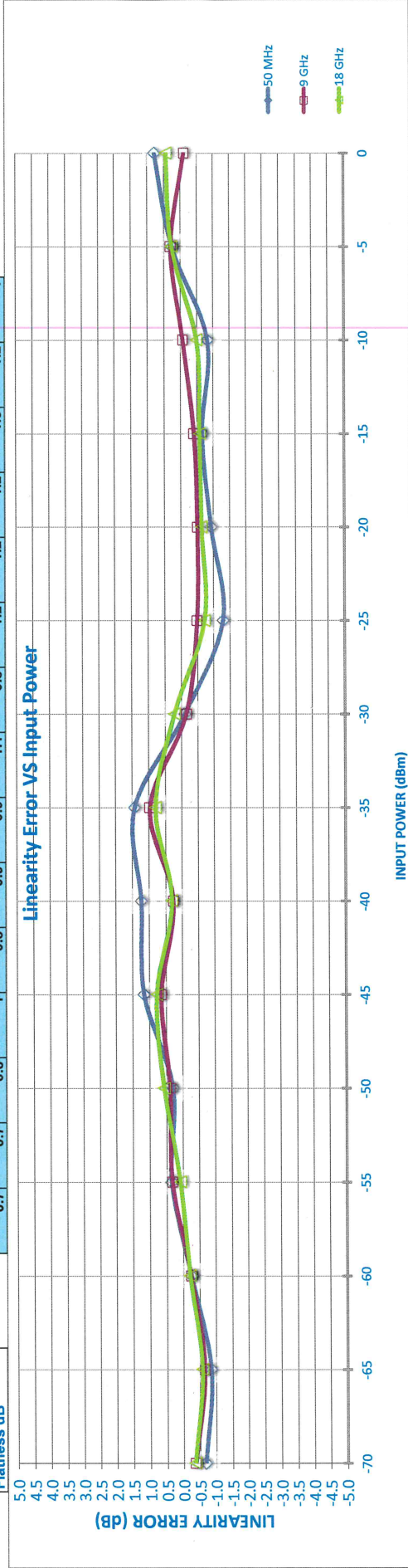
18 GHz	INTERCEPT (mV)	2054.592
	SLOPE (mV/dB)	25.14071

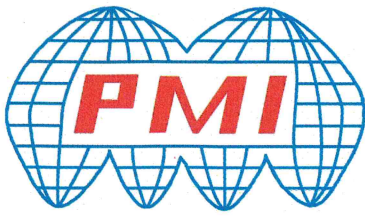
Measured Value (mV)	2070	1935	1786	1668	1539	1408	1315	1230	1315	1408	1539	1668	1786	1935	2070
Error (mV)	19	7	-20	-16	-23	-32	-2	35	-2	-32	-23	-16	-20	7	19
LINEARITY ERROR (dB)	0.27	0.27	-0.83	-0.65	-0.93	-1.29	-0.09	1.43	-0.09	-1.29	-0.93	-0.65	-0.83	0.27	0.27

Measured Value (mV)	2115	1998	1861	1725	1595	1468	1349	1250	1349	1468	1595	1725	1861	1998	2115
Error (mV)	-3	8	-2	-10	-13	-12	-4	25	-4	-12	-13	-10	-2	8	-3
LINEARITY ERROR (dB)	-0.10	0.31	-0.07	-0.40	-0.50	-0.48	-0.15	0.97	-0.15	-0.48	-0.50	-0.40	-0.07	0.31	-0.10

Measured Value (mV)	2066	1936	1791	1663	1536	1408	1306	1195	1057	943	812	674	541	406	286
Error (mV)	11	7	-12	-14	-16	-18	6	20	8	20	14	2	-5	-14	-9
LINEARITY ERROR (dB)	0.45	0.28	-0.48	-0.58	-0.63	-0.72	0.22	0.81	0.32	0.79	0.57	0.09	-0.20	-0.57	-0.35

Flatness dB	0.7	0.7	0.8	1	0.8	0.9	0.9	1.1	0.8	1.2	1.2	1.2	1.2	1.5	1.2	1
-------------	-----	-----	-----	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---



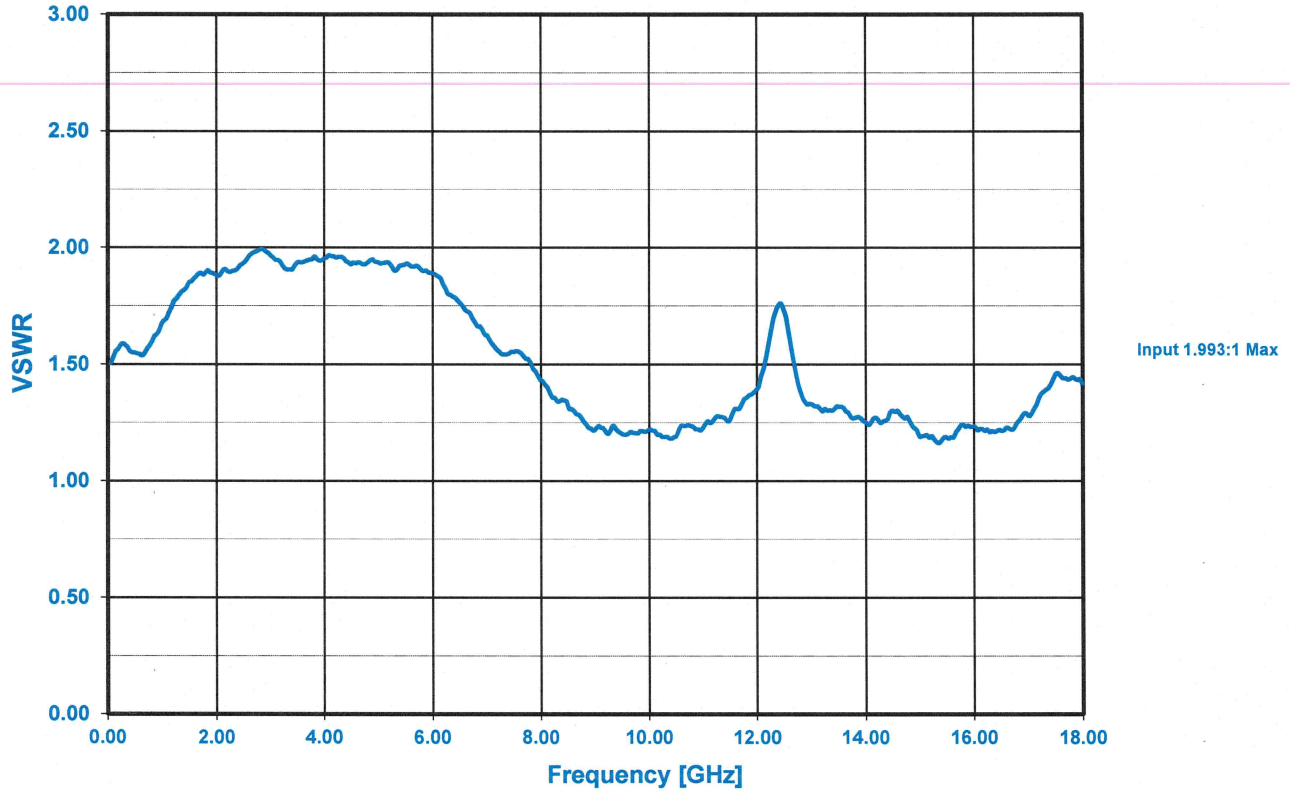


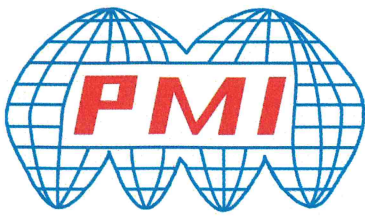
**SUMMARY TEST DATA
ON
SDLVA-50M18G-70**

Model Number: SDLVA-50M18G-70
Serial Number: PL57065/2552

Temperature: +25C

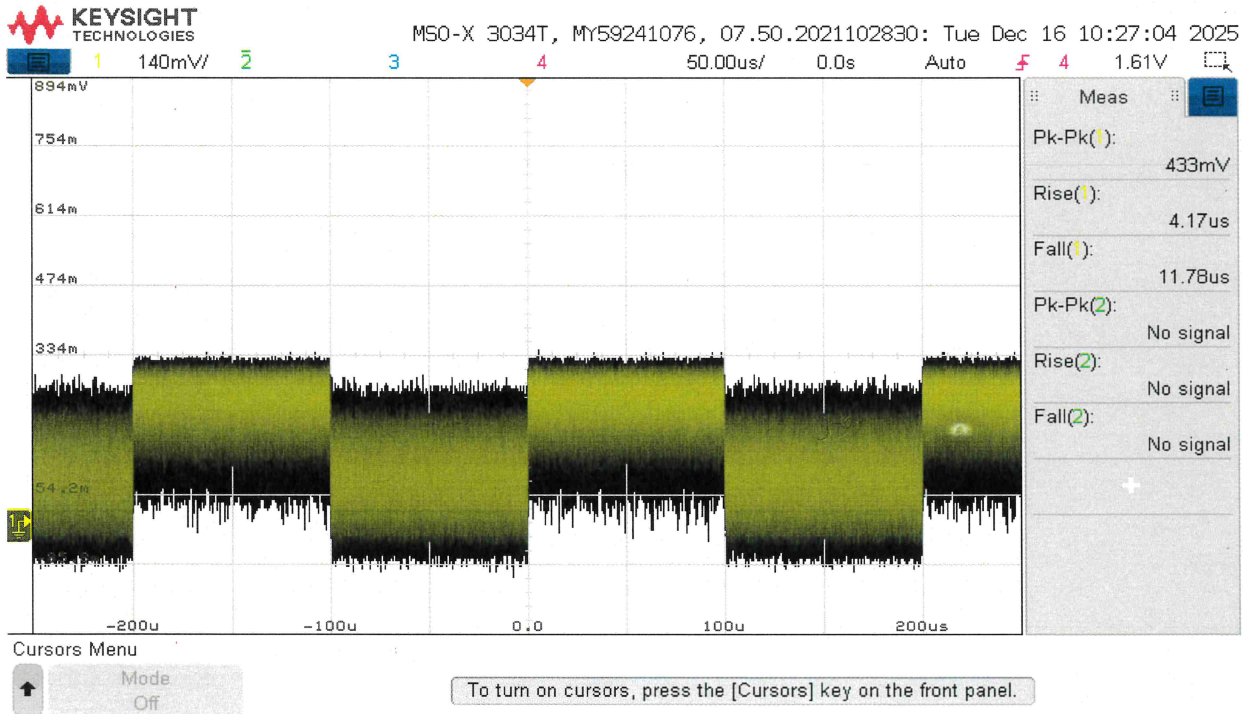
VSWR GRAPH

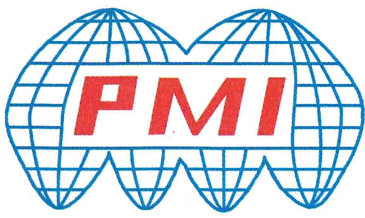




**SUMMARY TEST DATA
ON
SDLVA-50M18G-70**

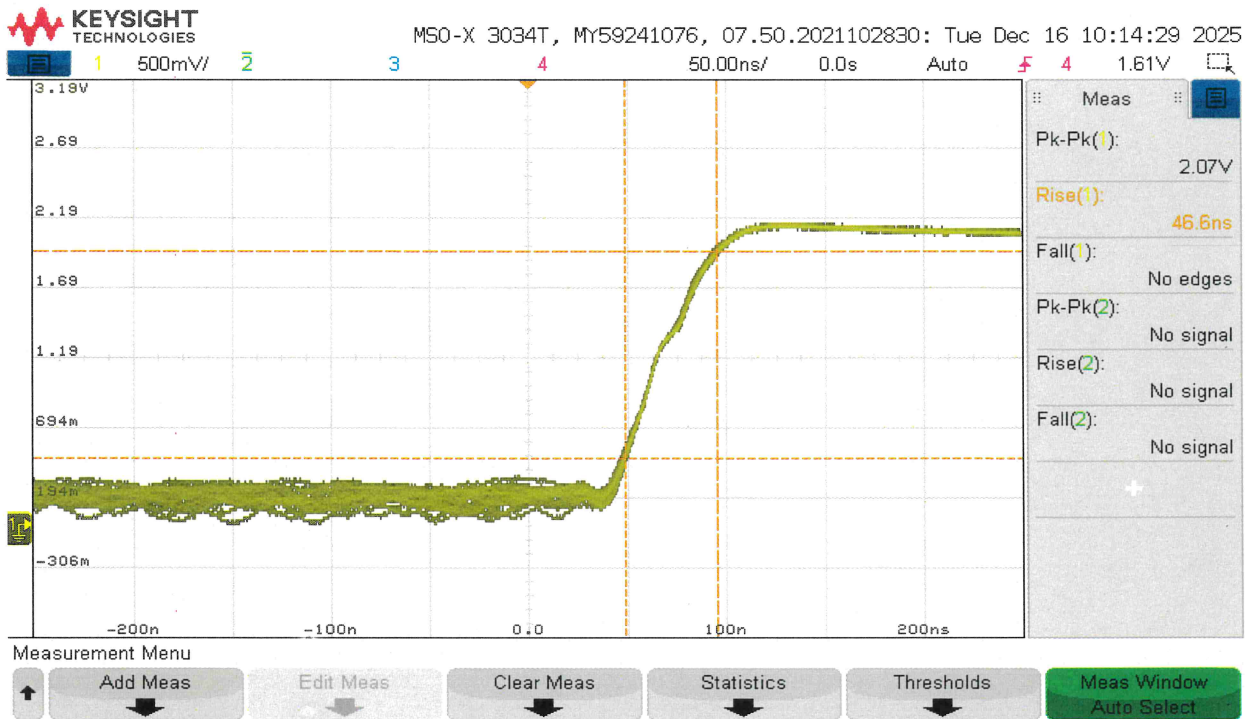
TSS = -72 dBm

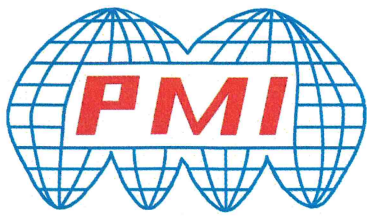




SUMMARY TEST DATA ON SDLVA-50M18G-70

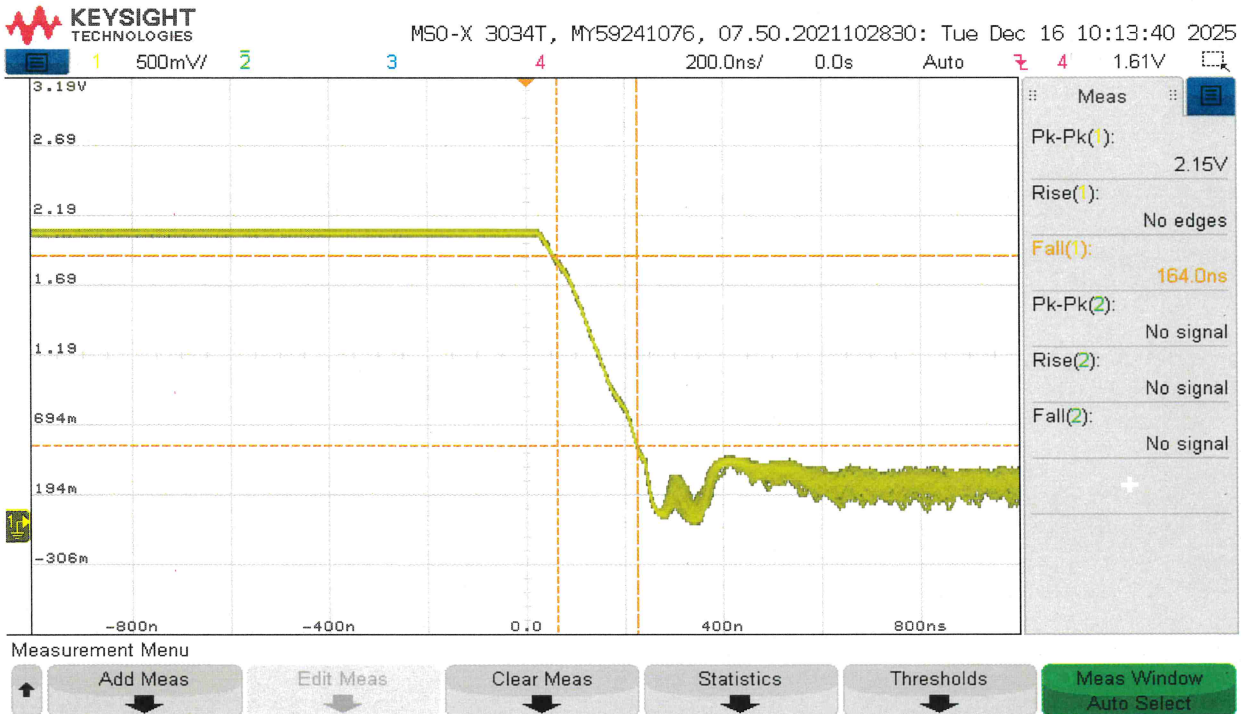
Rise Time = 46.6 ns





SUMMARY TEST DATA ON SDLVA-50M18G-70

Fall Time = 164 ns





SUMMARY TEST DATA ON SDLVA-50M18G-70

Recovery Time = 480 ns

