



**SUMMARY TEST DATA
ON
SDLVA-1G20G-58-12-SFF**

PL26761/1942

Transfer @ 25C – Data

LOG TRANSFER WITH FREQUENCY
MODEL: SDLVA-1G20G-58-12-SFF
TESTED BY: Simon K.
DATE: 10/14/2019
SERIAL NO: PL26761
Test Temp: +25C



PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway,
 Suite 1
 El Dorado Hills, CA 95762
 Phone: 916-542-1401 Fax: 301-662-

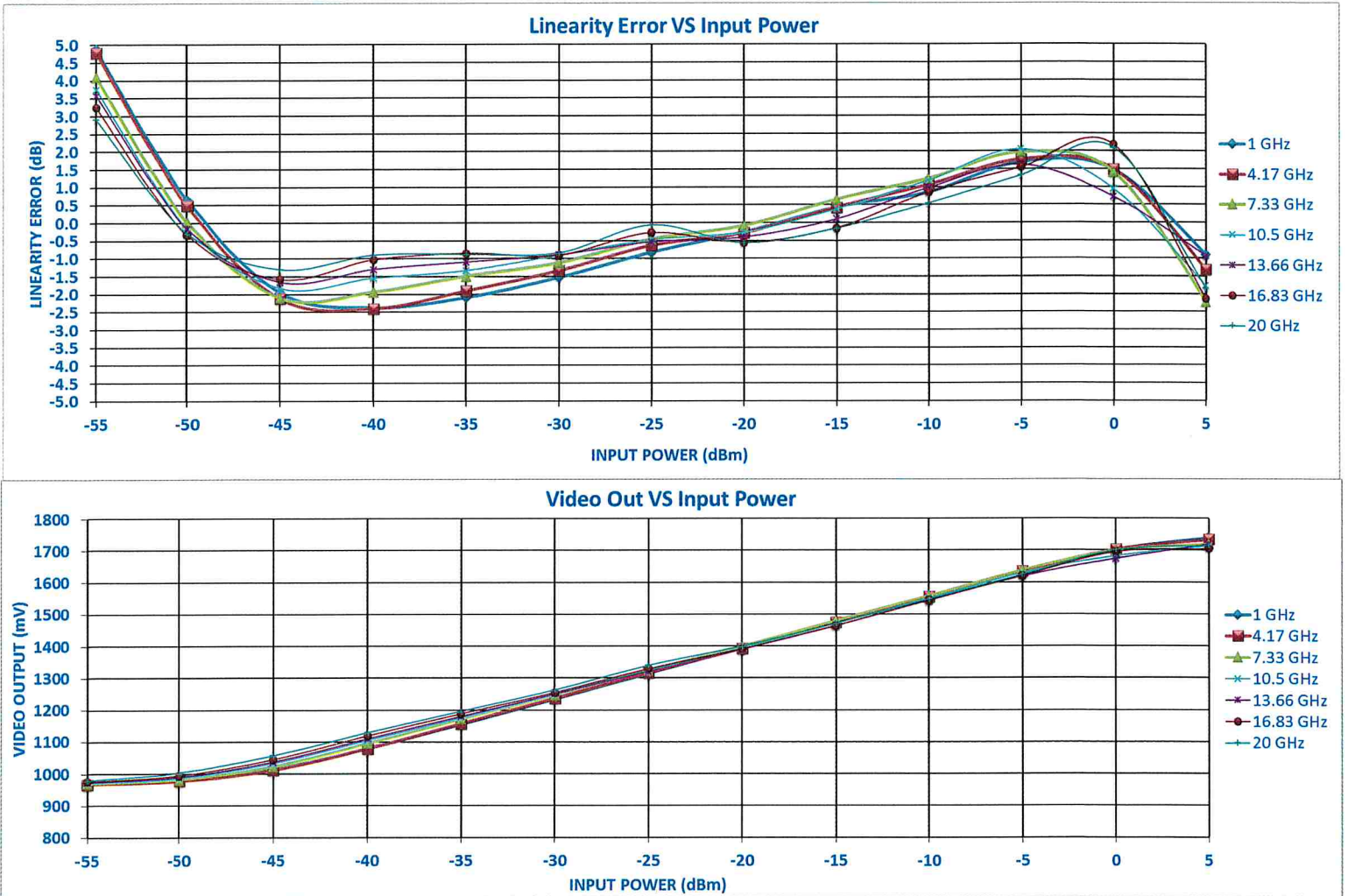
Frequency		-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
1 GHz	INTERCEPT (mV)	969	980	1014	1079	1154	1233	1314	1393	1474	1551	1634	1702	1739	Measured Value (mV)
	SLOPE (mV/dB)	69	9	-28	-34	-30	-22	-12	-4	6	12	24	21	-13	Error (mV)
		4.88	0.65	-1.95	-2.38	-2.10	-1.54	-0.83	-0.27	0.43	0.85	1.69	1.48	-0.91	LINEARITY ERROR (dB)
		x													
4.17 GHz	INTERCEPT (mV)	968	978	1012	1079	1157	1236	1317	1393	1474	1554	1635	1702	1733	Measured Value (mV)
	SLOPE (mV/dB)	68	7	-30	-34	-27	-19	-9	-4	6	15	25	21	-19	Error (mV)
		4.78	0.49	-2.12	-2.40	-1.91	-1.34	-0.63	-0.28	0.43	1.06	1.77	1.49	-1.33	LINEARITY ERROR (dB)
		x													
7.33 GHz	INTERCEPT (mV)	970	983	1023	1095	1171	1246	1325	1400	1480	1558	1638	1700	1719	Measured Value (mV)
	SLOPE (mV/dB)	57	1	-29	-27	-21	-16	-6	-1	9	17	27	20	-31	Error (mV)
		4.11	0.04	-2.10	-1.94	-1.49	-1.12	-0.46	-0.08	0.65	1.24	1.97	1.41	-2.23	LINEARITY ERROR (dB)
		x													
10.5 GHz	INTERCEPT (mV)	972	987	1032	1104	1175	1249	1323	1394	1471	1550	1630	1683	1714	Measured Value (mV)
	SLOPE (mV/dB)	51	-2	-25	-21	-18	-12	-7	-4	5	16	28	13	-24	Error (mV)
		3.76	-0.14	-1.84	-1.55	-1.34	-0.91	-0.48	-0.27	0.38	1.18	2.05	0.94	-1.78	LINEARITY ERROR (dB)
		x													
13.66 GHz	INTERCEPT (mV)	973	990	1037	1109	1179	1249	1321	1390	1464	1543	1619	1674	1719	Measured Value (mV)
	SLOPE (mV/dB)	48	-2	-22	-18	-15	-12	-7	-5	1	13	22	10	-13	Error (mV)
		3.58	-0.15	-1.66	-1.30	-1.10	-0.89	-0.54	-0.41	0.10	0.97	1.62	0.71	-0.94	LINEARITY ERROR (dB)
		x													
16.83 GHz	INTERCEPT (mV)	976	995	1045	1119	1188	1254	1329	1392	1464	1544	1620	1695	1704	Measured Value (mV)
	SLOPE (mV/dB)	43	-4	-21	-14	-11	-12	-4	-7	-2	11	21	29	-29	Error (mV)
		3.25	-0.33	-1.58	-1.03	-0.85	-0.90	-0.28	-0.55	-0.15	0.85	1.55	2.17	-2.15	LINEARITY ERROR (dB)
		x													
20 GHz	INTERCEPT (mV)	979	1003	1056	1128	1195	1262	1339	1399	1471	1547	1624	1701	1715	Measured Value (mV)
	SLOPE (mV/dB)	39	-4	-17	-12	-12	-11	-1	-8	-2	7	18	28	-25	Error (mV)
		2.91	-0.29	-1.31	-0.91	-0.88	-0.85	-0.07	-0.57	-0.16	0.54	1.32	2.10	-1.85	LINEARITY ERROR (dB)
		x													
Flatness P-P		0.8	1.8	3.2	3.6	3.0	2.2	1.8	0.8	1.2	1.0	1.4	2.0	2.6	
Slope Avg(mv/dB)	13.7														



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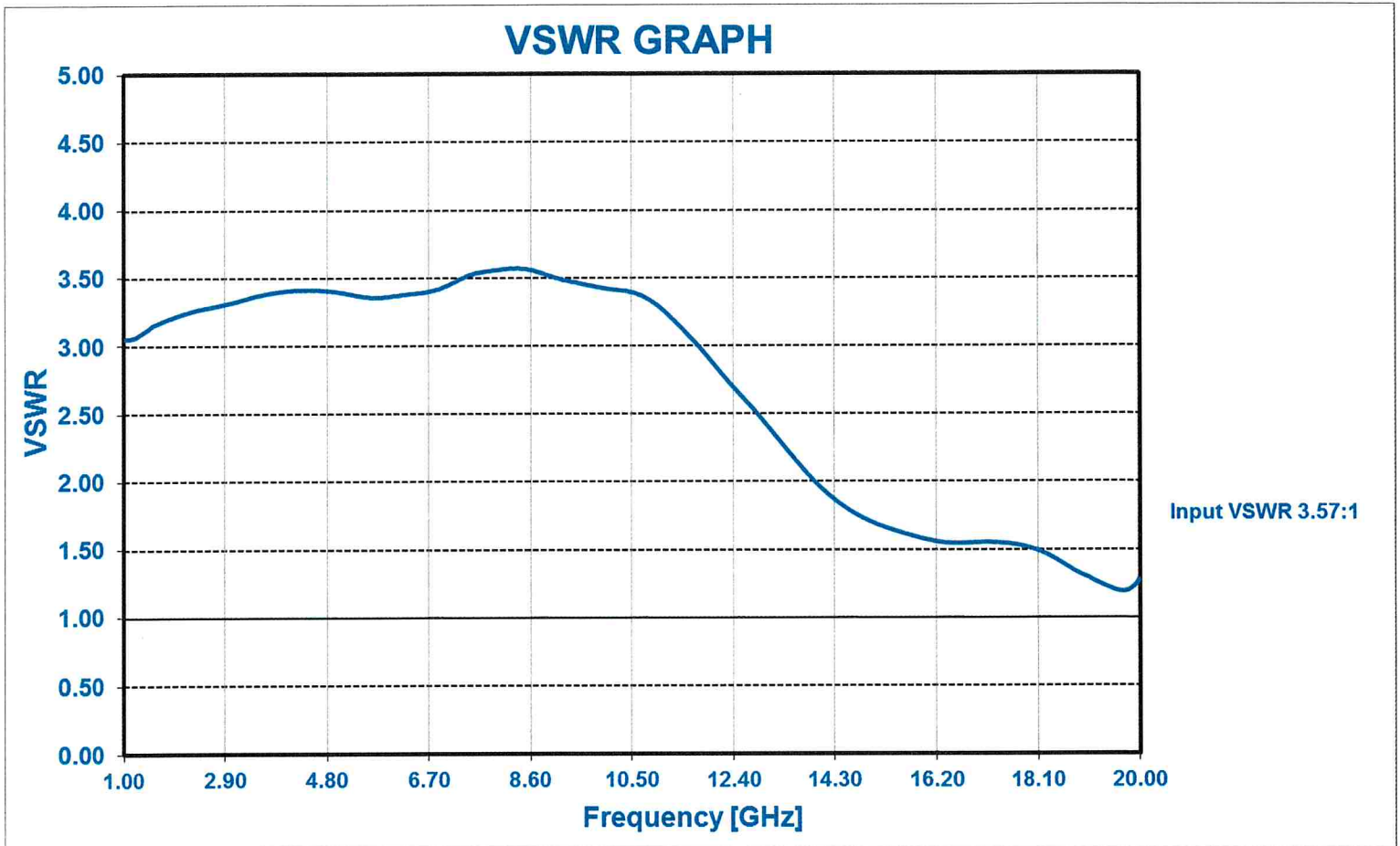




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VSWR

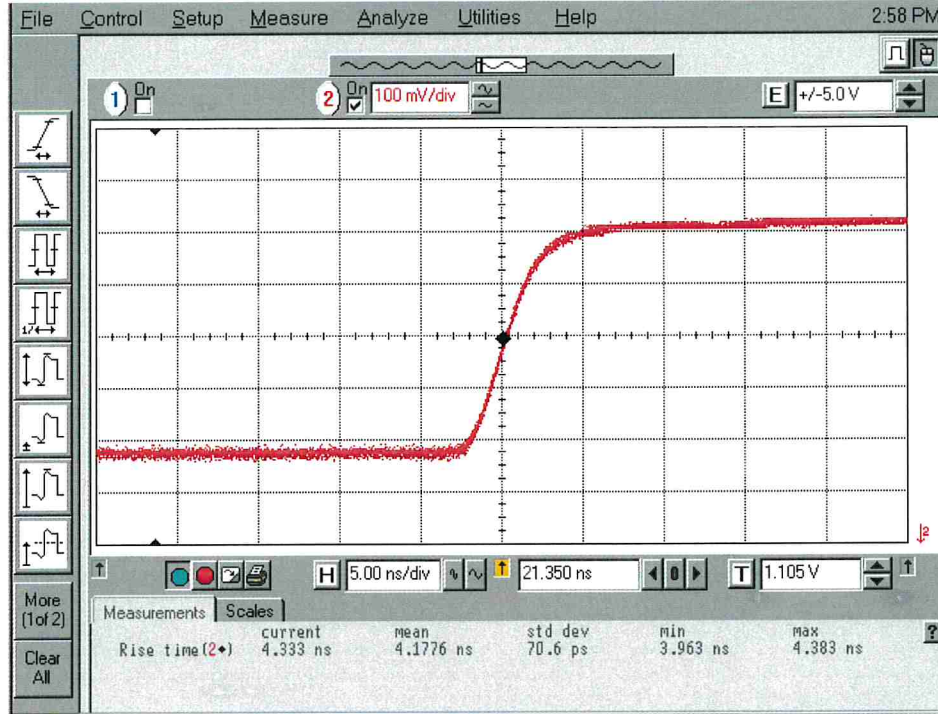




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Rise Time



Fall Time

