





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

PL26762/1942

**Transfer @ 25C – Data**

**LOG TRANSFER WITH FREQUENCY**  
**MODEL: SDLVA-1G20G-58-12-SFF**  
**TESTED BY: Simon K.**  
**DATE: 10/14/2019**  
**SERIAL NO: PL26762**  
**Test Temp: +25C**



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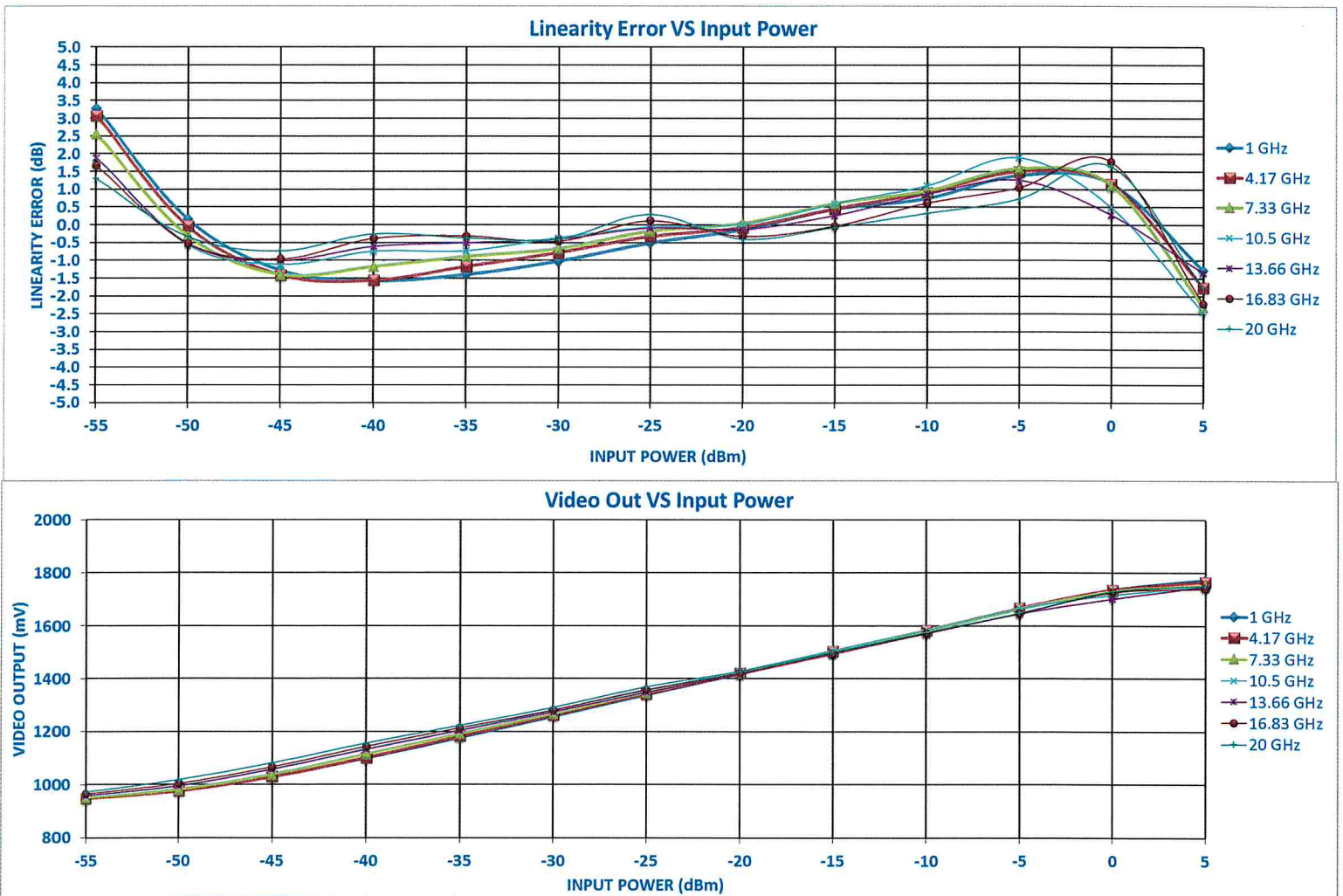
Frequency		-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
1 GHz	INTERCEPT (mV)	949	977	1030	1100	1177	1257	1339	1419	1502	1581	1665	1736	1774	Measured Value (mV)
	SLOPE (mV/dB)	49	2	-19	-23	-21	-15	-8	-2	7	11	21	17	-19	Error (mV)
		3.28	0.16	-1.28	-1.57	-1.40	-1.02	-0.51	-0.14	0.44	0.75	1.40	1.17	-1.28	LINEARITY ERROR (dB)
		x													
4.17 GHz	INTERCEPT (mV)	948	976	1030	1102	1182	1262	1343	1421	1503	1584	1667	1736	1767	Measured Value (mV)
	SLOPE (mV/dB)	46	-1	-21	-23	-17	-12	-5	-1	7	14	22	17	-26	Error (mV)
		3.07	-0.04	-1.41	-1.56	-1.17	-0.78	-0.32	-0.07	0.46	0.91	1.50	1.15	-1.76	LINEARITY ERROR (dB)
		x													
7.33 GHz	INTERCEPT (mV)	951	982	1039	1115	1192	1268	1348	1424	1505	1583	1665	1731	1754	Measured Value (mV)
	SLOPE (mV/dB)	37	-4	-20	-17	-13	-10	-3	1	9	14	23	16	-33	Error (mV)
		2.57	-0.31	-1.39	-1.17	-0.89	-0.67	-0.17	0.04	0.61	0.96	1.59	1.12	-2.30	LINEARITY ERROR (dB)
		x													
10.5 GHz	INTERCEPT (mV)	959	995	1058	1134	1205	1281	1356	1428	1507	1585	1667	1718	1747	Measured Value (mV)
	SLOPE (mV/dB)	27	-8	-16	-11	-10	-5	-1	0	9	16	27	7	-35	Error (mV)
		1.89	-0.56	-1.11	-0.75	-0.73	-0.36	-0.07	0.02	0.60	1.11	1.90	0.50	-2.45	LINEARITY ERROR (dB)
		x													
13.66 GHz	INTERCEPT (mV)	959	995	1058	1133	1204	1275	1349	1418	1493	1571	1646	1702	1749	Measured Value (mV)
	SLOPE (mV/dB)	26	-7	-14	-8	-7	-6	-1	-2	4	12	18	4	-19	Error (mV)
		1.89	-0.52	-1.00	-0.61	-0.50	-0.40	-0.08	-0.12	0.27	0.87	1.26	0.29	-1.34	LINEARITY ERROR (dB)
		x													
16.83 GHz	INTERCEPT (mV)	965	1004	1067	1144	1214	1281	1358	1421	1494	1572	1647	1726	1740	Measured Value (mV)
	SLOPE (mV/dB)	23	-7	-13	-5	-4	-6	2	-4	0	9	14	24	-31	Error (mV)
		1.65	-0.52	-0.96	-0.38	-0.31	-0.46	0.12	-0.32	-0.03	0.62	1.05	1.77	-2.22	LINEARITY ERROR (dB)
		x													
20 GHz	INTERCEPT (mV)	972	1018	1081	1156	1223	1291	1369	1428	1501	1575	1649	1730	1752	Measured Value (mV)
	SLOPE (mV/dB)	18	-5	-10	-4	-5	-6	4	-5	-1	5	10	23	-24	Error (mV)
		1.30	-0.34	-0.74	-0.26	-0.37	-0.40	0.29	-0.40	-0.07	0.33	0.74	1.65	-1.74	LINEARITY ERROR (dB)
		x													
Flatness P-P		1.6	3.0	3.6	4.0	3.2	2.4	2.2	0.8	1.0	1.0	1.4	2.4	2.4	
Slope Avg(mv/dB)		14.3													



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Transfer @ 25C – Plot

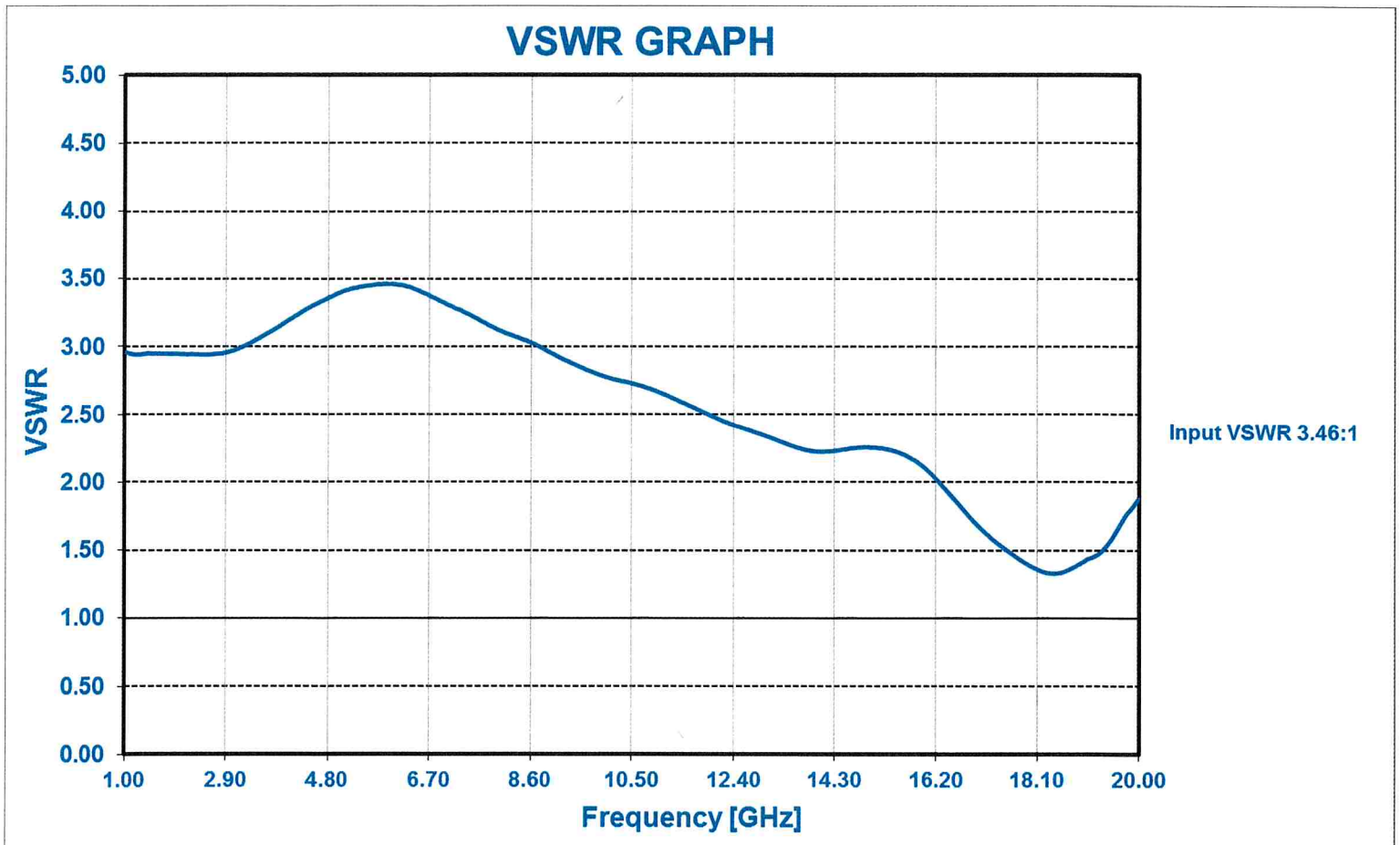




SUMMARY TEST DATA  
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VSWR

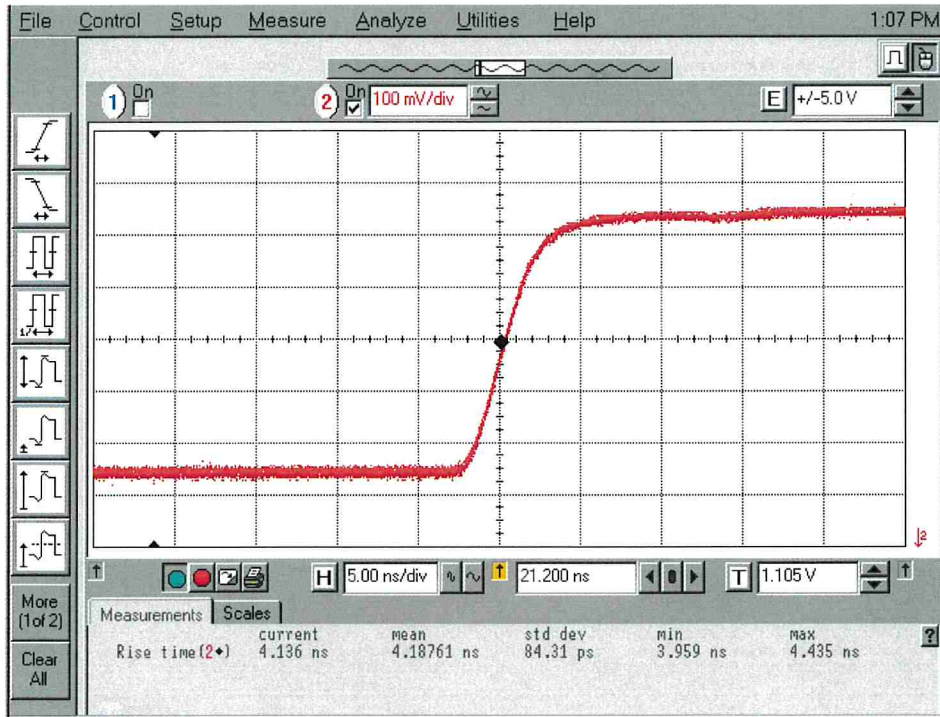




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**Rise Time**



**Fall Time**

