



**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

Customer: _____ Tested By: E. Benson
 SO No: _____ Temperature: +25°C (Unless Otherwise Specified)
 Model No: SDLVA-2020-70 Opt 0518 A03 A07-50OHM Date: 01/27/15
 Serial No: 50317 Drawing No: 27610088 Rev: A1
 Part No: _____

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.5GHz to 18.0GHz	0.5GHz to 18.0GHz See Plot	
2	Frequency Flatness:	±2.0dB Typ (0.5GHz to 18.0GHz)	±1.20dB See Plot	
3	TSS:	-65dBm Min (8.0 to 18.0GHz)	-68.5dBm See Plot	
4	VSWR:	3.0:1 (0.5 to 18.0GHz @ -20dBm)	1.60:1 See Plot	
5	Logging Range	-65 dBm to +5 dBm	>-65 to +5dBm See Plot	
6	Log Slope	20mV/dB (±10% Tolerance)	20.3mV/dB	
7	Log Temperature Stability:	±1.75dB (0°C to 60°C)	<±1.75dB See Plot	
8	Rise Time (10% to 90%):	20ns Max	18.68ns See Plot	
9	Recover Time:	200ns Max (-65 dBm to +5 dBm)	189.09ns See Plot	
10	Output Power:	+10dBm ±2.5dB Typ	10.26dBm See Plot	
11	Output Video Load:	50Ω ±10% or as desired	50Ω	
12	Power Supply:	+15V @ 600mA Max -15V @ 200mA Max	450mA 100mA	

QA/QC Approval: _____ Date: _____



**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

LOGGING CHARACTERISTICS @+25C

LOG TRANSFER VS FREQUENCY
MODEL: SDLVA-2020-70 OPT. 0518, A03, A07-50OHM
TESTED BY: Edd Benson
DATE: 1/27/15
SERIAL NO: 0317

Wednesday, January 28, 2015

Test Temp: 25C



PLANAR MONOLITHICS INDUSTRIES
7311-F GROVE ROAD, FREDERICK, MD 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
URL: WWW.PMI-RF.COM
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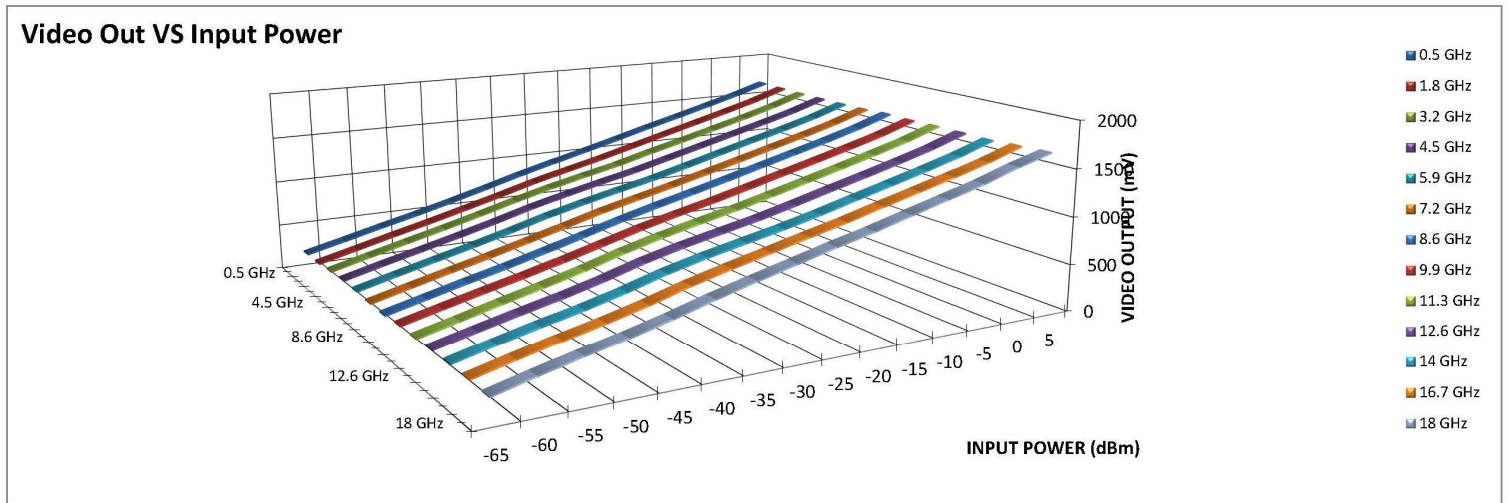
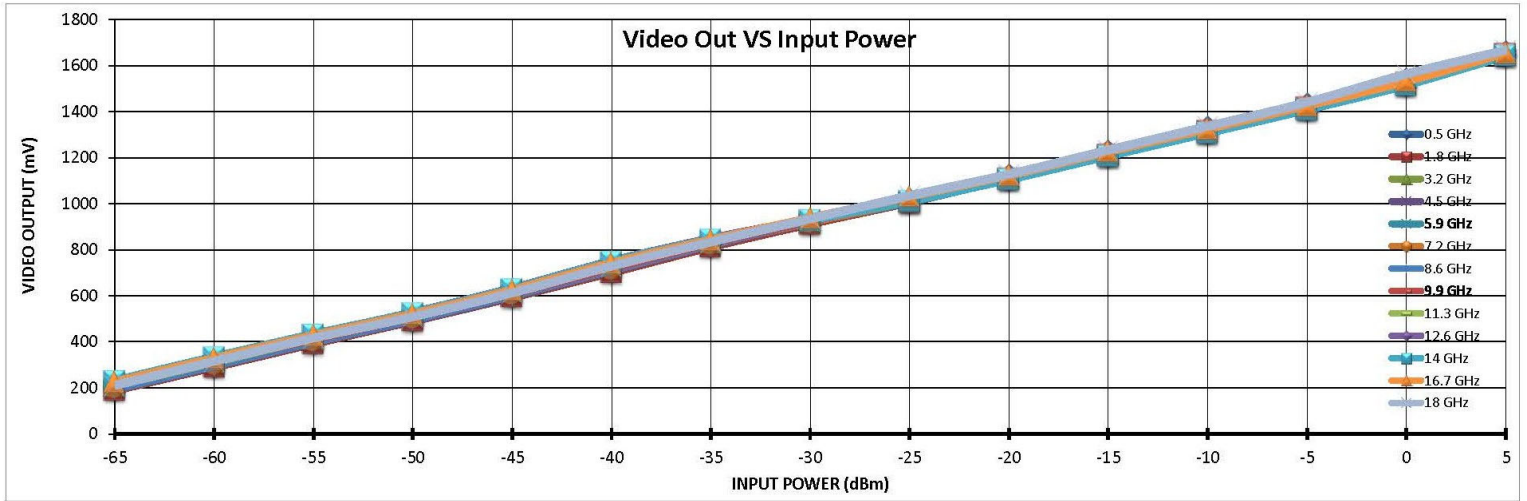
Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.5 GHz	INTERCEPT (mV)	1546																Measured Value (mV)
	SLOPE (mV/dB)	21	195	293	394	491	594	703	816	921	1023	1126	1233	1334	1438	1544	1662	Error (mV)
			0.51	0.18	0.00	-0.37	-0.45	-0.25	0.14	0.15	0.02	-0.06	0.04	-0.14	-0.18	-0.12	0.51	LINEARITY ERROR (dB)
1.8 GHz	INTERCEPT (mV)	1530																Measured Value (mV)
	SLOPE (mV/dB)	20.7	190	291	393	492	596	702	813	913	1007	1110	1214	1317	1420	1527	1653	Error (mV)
			0.23	0.11	0.04	-0.17	-0.14	-0.02	0.35	0.18	-0.27	-0.29	-0.26	-0.28	-0.30	-0.13	0.96	LINEARITY ERROR (dB)
3.2 GHz	INTERCEPT (mV)	1525																Measured Value (mV)
	SLOPE (mV/dB)	20.2	208	312	413	513	618	728	832	925	1011	1115	1212	1313	1414	1521	1647	Error (mV)
			-0.20	-0.05	-0.05	-0.10	0.10	0.55	0.70	0.31	-0.43	-0.28	-0.48	-0.48	-0.47	-0.17	1.07	LINEARITY ERROR (dB)
4.5 GHz	INTERCEPT (mV)	1525																Measured Value (mV)
	SLOPE (mV/dB)	20	219	323	422	522	627	739	838	929	1016	1116	1216	1316	1417	1521	1644	Error (mV)
			-0.25	-0.05	-0.11	-0.11	0.14	0.74	0.69	0.23	-0.42	-0.42	-0.42	-0.43	-0.38	-0.18	0.97	LINEARITY ERROR (dB)
5.9 GHz	INTERCEPT (mV)	1520																Measured Value (mV)
	SLOPE (mV/dB)	20	214	317	418	517	622	734	834	923	1009	1108	1210	1312	1411	1517	1643	Error (mV)
			-0.22	-0.08	-0.03	-0.09	0.16	0.75	0.74	0.19	-0.52	-0.58	-0.48	-0.39	-0.44	-0.15	1.14	LINEARITY ERROR (dB)
7.2 GHz	INTERCEPT (mV)	1523																Measured Value (mV)
	SLOPE (mV/dB)	20.3	202	305	406	504	608	717	826	921	1013	1111	1211	1311	1412	1518	1645	Error (mV)
			-0.07	0.00	-0.02	-0.20	-0.07	0.30	0.67	0.34	-0.12	-0.30	-0.37	-0.44	-0.47	-0.25	1.01	LINEARITY ERROR (dB)
8.6 GHz	INTERCEPT (mV)	1535																Measured Value (mV)
	SLOPE (mV/dB)	20.6	196	298	400	497	602	712	823	925	1020	1118	1220	1321	1421	1529	1656	Error (mV)
			0.09	0.04	-0.02	-0.31	-0.22	0.11	0.50	0.44	0.05	-0.20	-0.25	-0.35	-0.50	-0.27	0.89	LINEARITY ERROR (dB)
9.9 GHz	INTERCEPT (mV)	1526																Measured Value (mV)
	SLOPE (mV/dB)	20.2	212	314	413	508	611	721	830	927	1017	1115	1215	1315	1416	1522	1649	Error (mV)
			0.07	0.11	0.00	-0.31	-0.22	0.22	0.60	0.40	-0.16	-0.32	-0.38	-0.44	-0.45	-0.21	1.07	LINEARITY ERROR (dB)
11.3 GHz	INTERCEPT (mV)	1532																Measured Value (mV)
	SLOPE (mV/dB)	20.2	211	313	417	516	623	741	845	935	1022	1119	1218	1318	1421	1527	1654	Error (mV)
			-0.30	-0.26	-0.12	-0.23	0.06	0.89	1.03	0.48	-0.22	-0.43	-0.54	-0.60	-0.51	-0.27	1.01	LINEARITY ERROR (dB)
12.6 GHz	INTERCEPT (mV)	1522																Measured Value (mV)
	SLOPE (mV/dB)	19.8	231	334	432	527	632	750	848	932	1015	1111	1213	1311	1413	1520	1649	Error (mV)
			-0.20	0.00	-0.05	-0.25	0.05	1.02	0.97	0.21	-0.60	-0.75	-0.60	-0.65	-0.49	-0.09	1.43	LINEARITY ERROR (dB)
14 GHz	INTERCEPT (mV)	1517																Measured Value (mV)
	SLOPE (mV/dB)	19.7	231	334	433	526	630	748	845	930	1013	1106	1208	1308	1409	1516	1644	Error (mV)
			-0.21	0.01	0.03	-0.25	0.02	1.00	0.92	0.23	-0.56	-0.84	-0.67	-0.60	-0.48	-0.05	1.44	LINEARITY ERROR (dB)
16.7 GHz	INTERCEPT (mV)	1536																Measured Value (mV)
	SLOPE (mV/dB)	20.2	225	328	427	520	624	741	842	937	1032	1124	1227	1326	1427	1532	1656	Error (mV)
			-0.02	0.09	0.00	-0.39	-0.23	0.57	0.58	0.29	0.00	-0.44	-0.33	-0.42	-0.41	-0.20	0.94	LINEARITY ERROR (dB)
18 GHz	INTERCEPT (mV)	1551																Measured Value (mV)
	SLOPE (mV/dB)	20.7	211	316	417	509	613	729	834	934	1035	1128	1233	1336	1440	1563	1667	Error (mV)
			0.19	0.27	0.15	-0.40	-0.38	0.23	0.31	0.15	0.03	-0.48	-0.40	-0.42	-0.39	0.56	0.59	LINEARITY ERROR (dB)
Flatness			1	1	1	0.9	0.9	1.2	0.8	0.6	0.7	0.5	0.6	0.7	0.8	1.1	0.6	
Linearity Max. (dB)		1.44																
Linearity Min. (dB)		-0.84																
Average Slope (mV/dB)		20.3																



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A07-50OHM**

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LOGGING CHARACTERISTICS @+25C



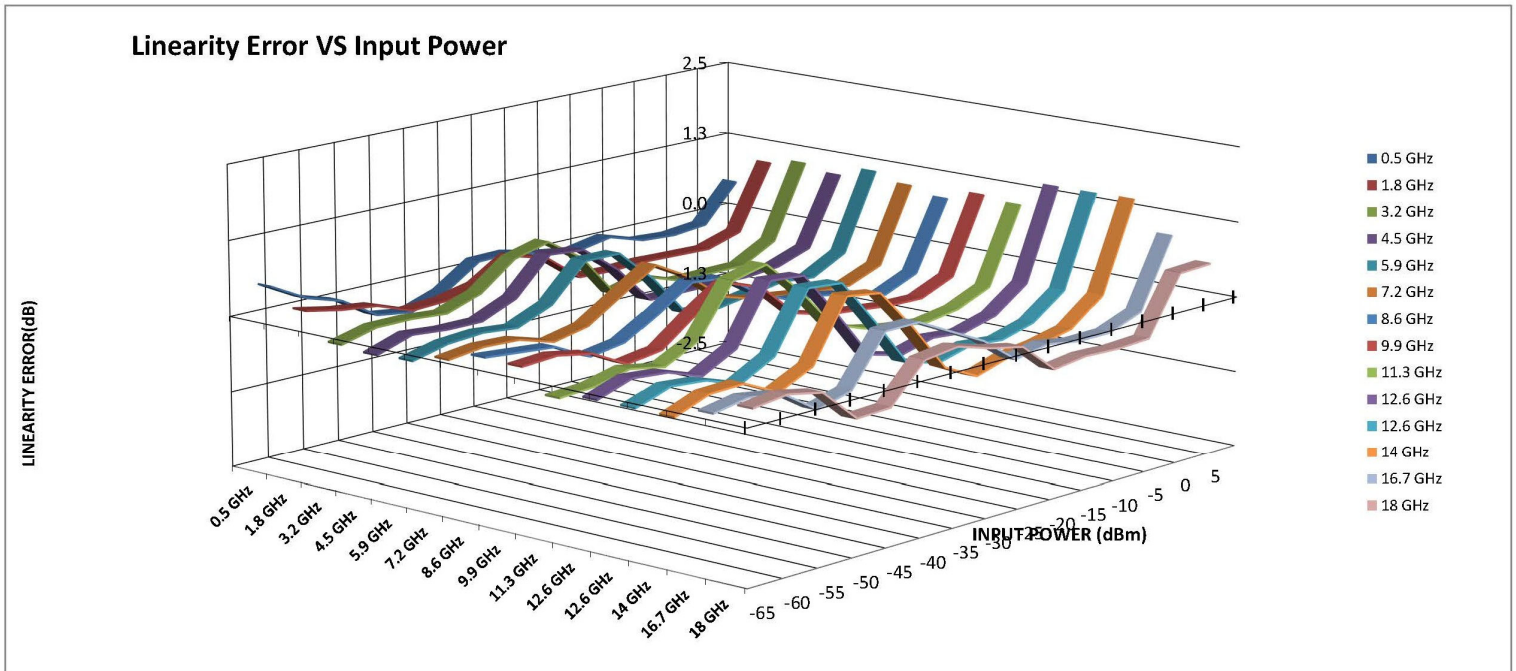
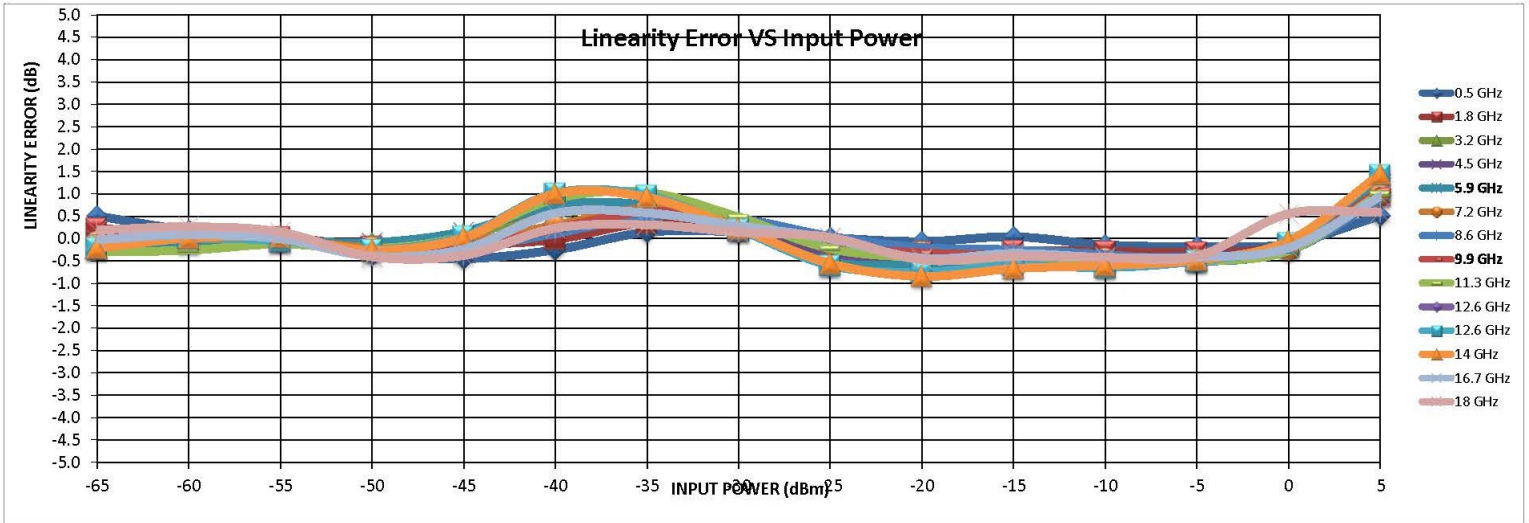
LOGGING CHARACTERISTICS @+25C

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
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**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317



LOGGING CHARACTERISTICS @ 0C

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



SUMMARY TEST DATA ON SDLVA-2020-70 Opt 0518 A03 A07-50OHM

50317

LOG TRANSFER VS FREQUENCY
MODEL: SDLVA-2020-70 OPT. 0518, A03, A07-50OHM
TESTED BY: Edd Benson
DATE: 1/27/15
SERIAL NO: 0317

Wednesday, January 28, 2015

Test Temp: -0C



PLANAR MONOLITHICS INDUSTRIES
7311-F GROVE ROAD, FREDERICK, MD 21704 USA
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Frequency

			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.5 GHz	INTERCEPT (mV)	1558	166	277	381	479	582	693	808	917	1023	1133	1242	1342	1446	1553	1672	Measured Value (mV)
	SLOPE (mV/dB)	21.5	3	7	3	-6	-10	-7	1	3	1	4	6	-2	-5	-5	6	Error (mV)
			0.14	0.31	0.16	-0.28	-0.48	-0.31	0.05	0.13	0.07	0.19	0.27	-0.07	-0.23	-0.24	0.30	LINEARITY ERROR (dB)
1.8 GHz	INTERCEPT (mV)	1541	159	274	379	479	583	690	805	909	1005	1117	1221	1325	1428	1535	1664	Measured Value (mV)
	SLOPE (mV/dB)	21.2	-3	6	4	-2	-4	-3	6	4	-6	0	-2	-4	-7	-6	17	Error (mV)
			-0.16	0.26	0.21	-0.08	-0.17	-0.13	0.29	0.19	-0.28	0.00	-0.10	-0.19	-0.34	-0.29	0.79	LINEARITY ERROR (dB)
3.2 GHz	INTERCEPT (mV)	1536	175	293	397	498	604	717	823	919	1008	1120	1219	1321	1423	1529	1659	Measured Value (mV)
	SLOPE (mV/dB)	20.8	-12	2	2	0	2	11	13	5	-9	-1	-6	-8	-10	-7	19	Error (mV)
			-0.58	0.10	0.11	-0.02	0.08	0.53	0.63	0.26	-0.46	-0.06	-0.29	-0.38	-0.46	-0.36	0.90	LINEARITY ERROR (dB)
4.5 GHz	INTERCEPT (mV)	1537	192	307	410	510	615	730	833	925	1015	1124	1224	1324	1427	1530	1657	Measured Value (mV)
	SLOPE (mV/dB)	20.5	-11	1	2	-1	1	14	14	3	-9	-3	-5	-8	-8	-7	17	Error (mV)
			-0.55	0.06	0.07	-0.05	0.06	0.67	0.69	0.17	-0.45	-0.13	-0.26	-0.39	-0.37	-0.35	0.84	LINEARITY ERROR (dB)
5.9 GHz	INTERCEPT (mV)	1534	190	305	409	508	614	729	832	923	1011	1117	1220	1322	1422	1528	1658	Measured Value (mV)
	SLOPE (mV/dB)	20.5	-12	1	2	-1	2	15	15	4	-11	-7	-7	-7	-10	-6	21	Error (mV)
			-0.56	0.05	0.12	-0.05	0.12	0.72	0.75	0.19	-0.52	-0.35	-0.33	-0.36	-0.48	-0.31	1.03	LINEARITY ERROR (dB)
7.2 GHz	INTERCEPT (mV)	1539	179	294	398	497	601	715	824	923	1016	1120	1223	1323	1424	1531	1662	Measured Value (mV)
	SLOPE (mV/dB)	20.8	-9	2	2	-3	-2	8	13	8	-3	-3	-4	-8	-11	-8	19	Error (mV)
			-0.42	0.11	0.12	-0.12	-0.12	0.36	0.61	0.37	-0.16	-0.16	-0.20	-0.39	-0.53	-0.39	0.92	LINEARITY ERROR (dB)
8.6 GHz	INTERCEPT (mV)	1551	170	287	392	490	595	708	822	927	1024	1129	1232	1333	1433	1543	1672	Measured Value (mV)
	SLOPE (mV/dB)	21.1	-8	4	3	-5	-5	2	11	10	1	1	-2	-7	-12	-8	15	Error (mV)
			-0.36	0.18	0.15	-0.21	-0.25	0.10	0.50	0.47	0.06	0.03	-0.10	-0.32	-0.59	-0.38	0.72	LINEARITY ERROR (dB)
9.9 GHz	INTERCEPT (mV)	1538	198	310	410	503	605	718	828	928	1019	1123	1224	1325	1426	1532	1663	Measured Value (mV)
	SLOPE (mV/dB)	20.6	-2	7	4	-6	-7	3	10	7	-5	-4	-6	-7	-9	-6	22	Error (mV)
			-0.12	0.32	0.18	-0.30	-0.34	0.15	0.49	0.35	-0.23	-0.18	-0.27	-0.36	-0.45	-0.30	1.06	LINEARITY ERROR (dB)
11.3 GHz	INTERCEPT (mV)	1545	186	302	409	509	617	737	844	934	1023	1126	1227	1327	1430	1536	1667	Measured Value (mV)
	SLOPE (mV/dB)	20.7	-16	-3	1	-3	2	19	22	9	-5	-6	-8	-11	-12	-9	19	Error (mV)
			-0.75	-0.14	0.04	-0.12	0.10	0.91	1.08	0.44	-0.26	-0.27	-0.38	-0.55	-0.56	-0.43	0.90	LINEARITY ERROR (dB)
12.6 GHz	INTERCEPT (mV)	1537	201	315	418	515	622	744	848	933	1019	1120	1223	1321	1422	1530	1663	Measured Value (mV)
	SLOPE (mV/dB)	20.4	-13	-1	1	-4	1	21	23	7	-9	-10	-9	-12	-13	-7	24	Error (mV)
			-0.63	-0.03	0.03	-0.21	0.05	1.04	1.15	0.33	-0.44	-0.48	-0.42	-0.61	-0.64	-0.34	1.20	LINEARITY ERROR (dB)
14 GHz	INTERCEPT (mV)	1529	222	332	428	520	624	744	844	930	1015	1114	1218	1318	1419	1526	1658	Measured Value (mV)
	SLOPE (mV/dB)	20	-4	6	2	-7	-3	17	17	3	-13	-14	-10	-10	-9	-3	29	Error (mV)
			-0.20	0.29	0.08	-0.33	-0.14	0.84	0.83	0.13	-0.63	-0.69	-0.50	-0.51	-0.47	-0.13	1.45	LINEARITY ERROR (dB)
16.7 GHz	INTERCEPT (mV)	1550	217	326	425	517	621	741	843	939	1035	1133	1237	1337	1439	1546	1672	Measured Value (mV)
	SLOPE (mV/dB)	20.5	-1	5	2	-9	-7	11	10	4	-3	-7	-5	-8	-8	-4	20	Error (mV)
			-0.06	0.26	0.09	-0.41	-0.34	0.52	0.50	0.19	-0.13	-0.34	-0.27	-0.39	-0.41	-0.18	0.97	LINEARITY ERROR (dB)
18 GHz	INTERCEPT (mV)	1569	190	305	409	501	606	725	834	939	1045	1142	1247	1349	1453	1573	1684	Measured Value (mV)
	SLOPE (mV/dB)	21.2	-2	7	5	-9	-10	3	6	6	6	-3	-4	-8	-10	4	9	Error (mV)
			-0.11	0.32	0.23	-0.42	-0.46	0.16	0.30	0.26	0.27	-0.15	-0.19	-0.38	-0.47	0.20	0.44	LINEARITY ERROR (dB)
Flatness			1.5	1.4	1.2	1	1	1.3	1	0.7	0.9	0.7	0.7	0.7	0.8	1.1	0.6	
Linearity Max.(dB)			1.46															
Linearity Min.(dB)			-0.76															
Average Slope (mV/dB)			20.7															

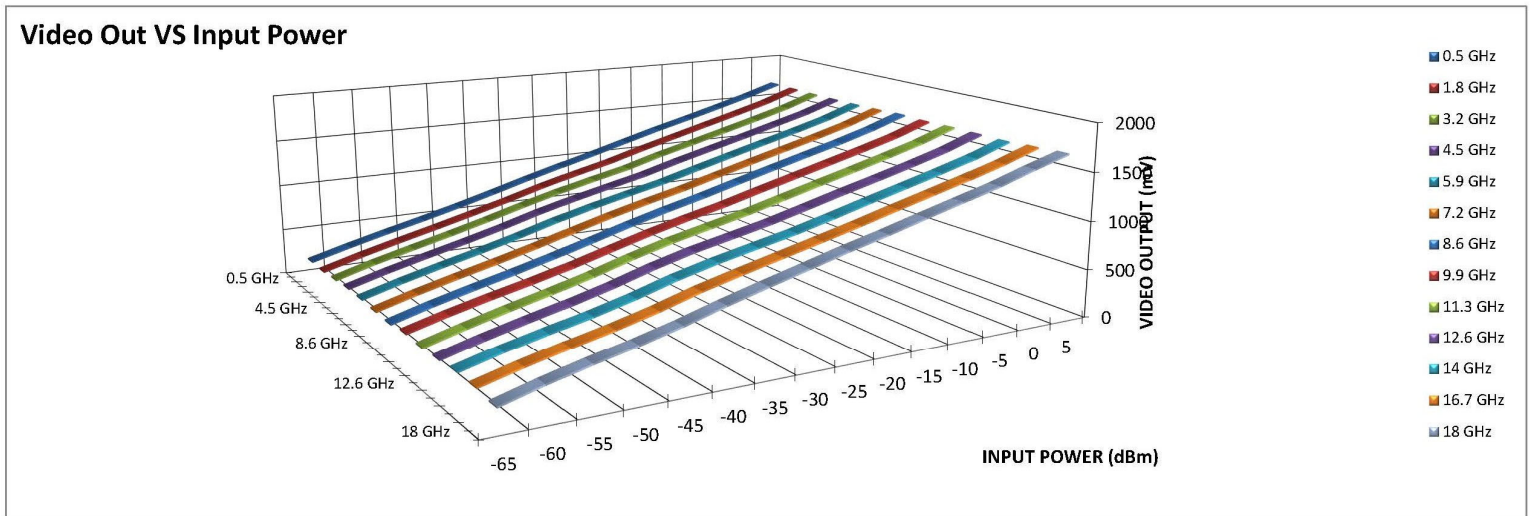
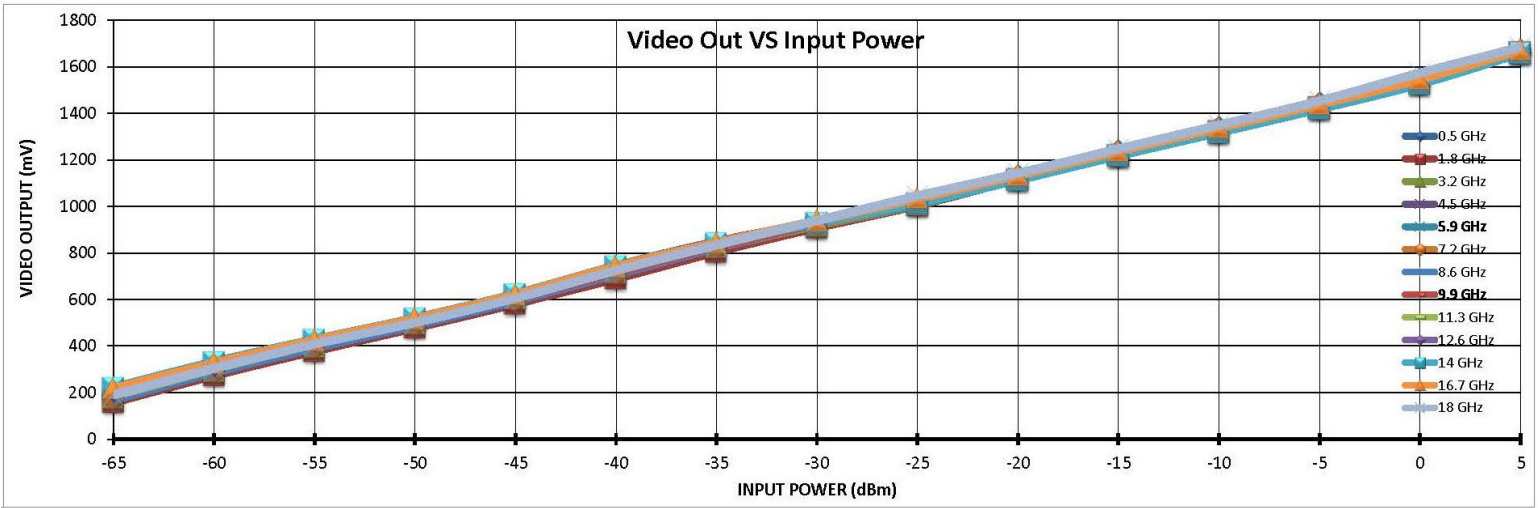
LOGGING CHARACTERISTICS @ 0C

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SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

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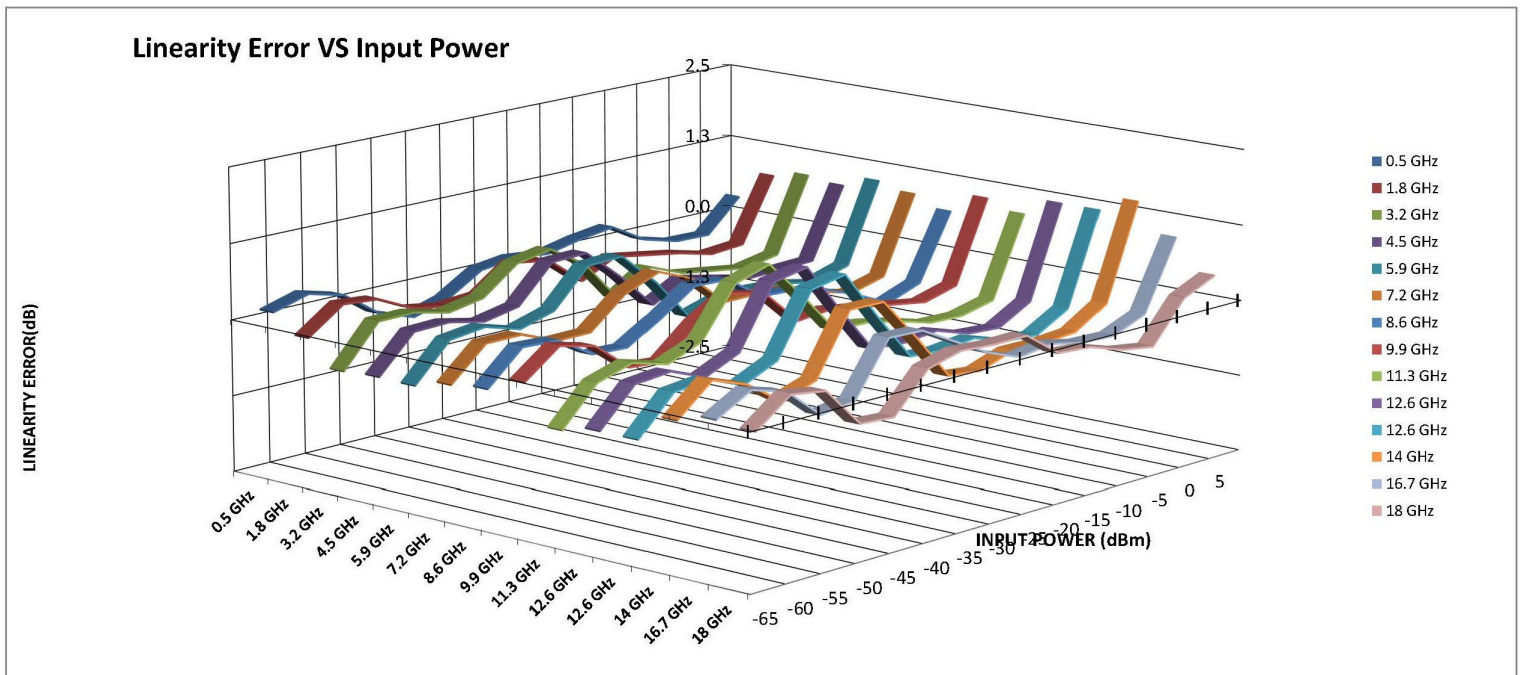
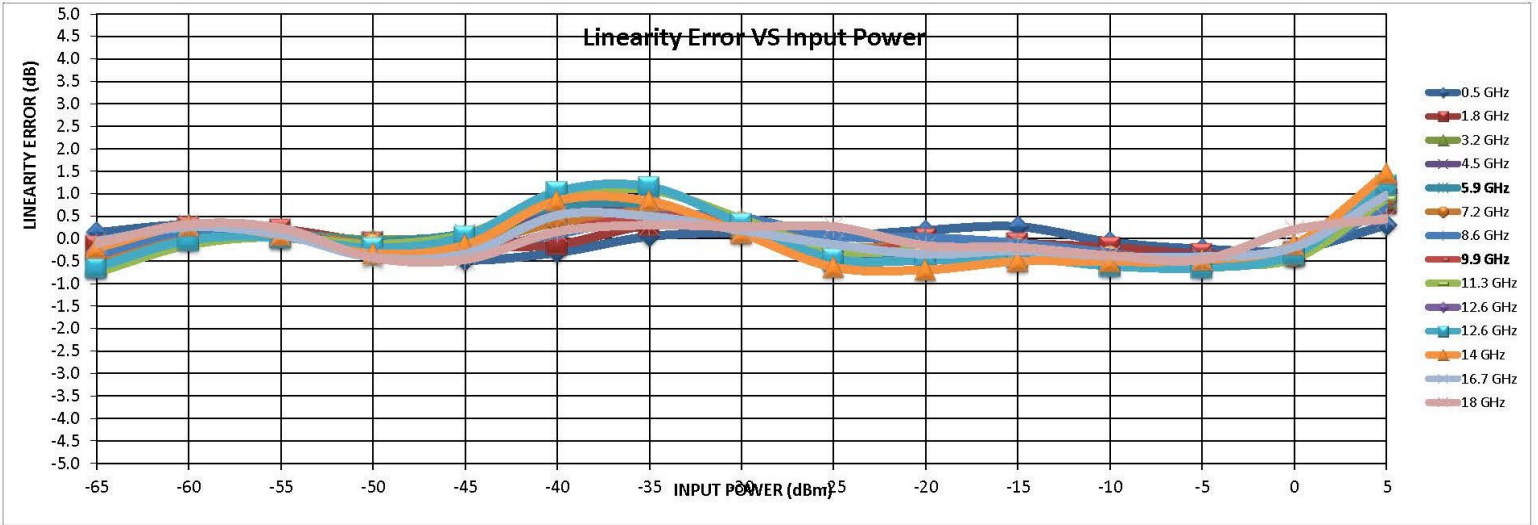
LOGGING CHARACTERISTICS @ 0C

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**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317



LOGGING CHARACTERISTICS @ 60C

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



SUMMARY TEST DATA ON SDLVA-2020-70 Opt 0518 A03 A07-50OHM

50317

LOG TRANSFER VS FREQUENCY
MODEL: SDLVA-2020-70 OPT. 0518, A03, A07-50OHM
TESTED BY: Edd Benson
DATE: 1/27/15
SERIAL NO: 0317

Wednesday, January 28, 2015

Test Temp: 60C



PLANAR MONOLITHICS INDUSTRIES
7311-F GROVE ROAD, FREDERICK, MD 21704 USA
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Frequency

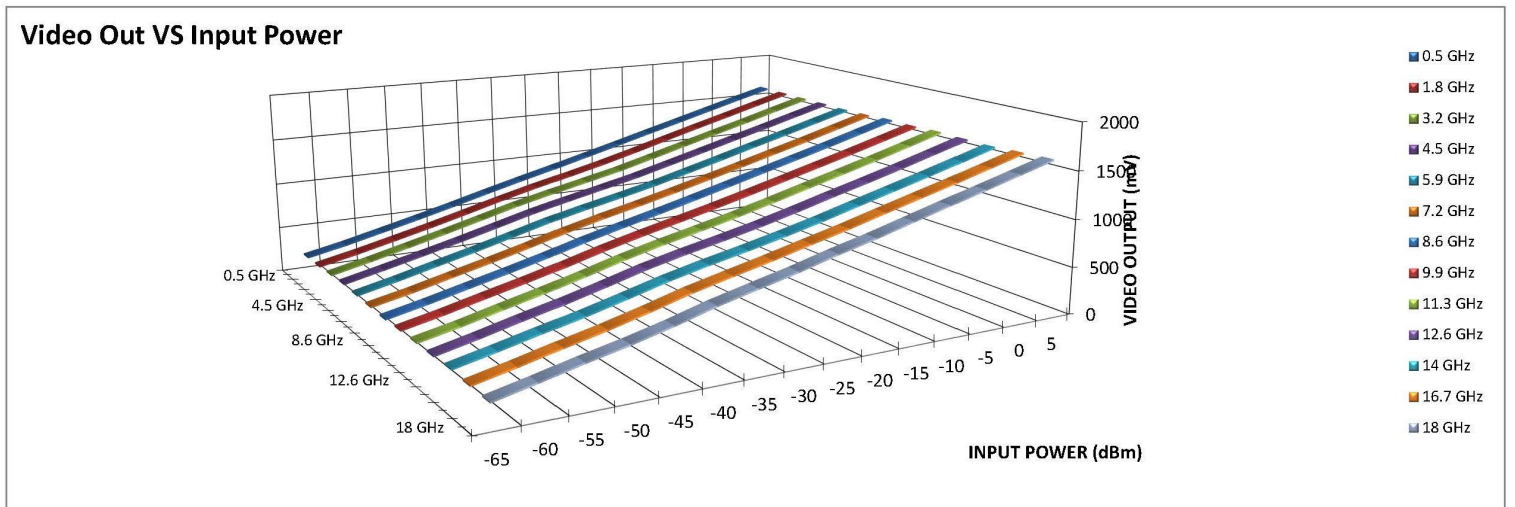
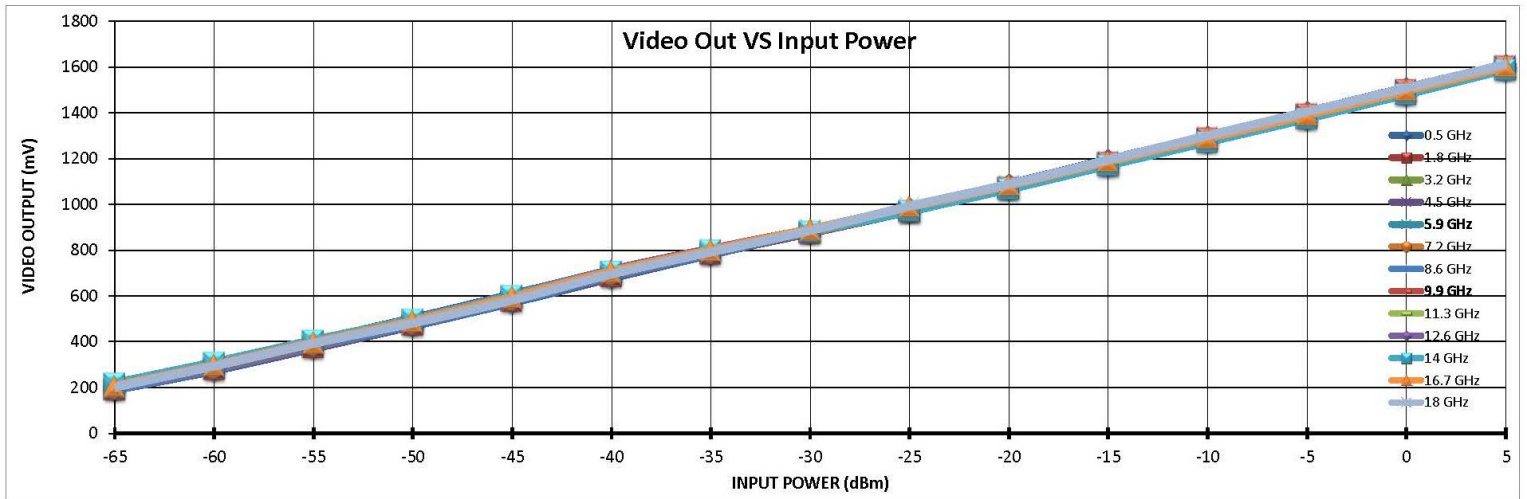
		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.5 GHz	INTERCEPT (mV)	1503															Measured Value (mV)
	SLOPE (mV/dB)	20.5															Error (mV)
		191	275	372	470	572	679	782	881	986	1089	1195	1299	1404	1509	1610	LINEARITY ERROR (dB)
		21	3	-3	-8	-8	-4	-3	-7	-4	-4	0	1	4	6	5	
		1.03	0.12	-0.15	-0.37	-0.39	-0.17	-0.15	-0.32	-0.20	-0.18	-0.01	0.06	0.18	0.31	0.23	
1.8 GHz	INTERCEPT (mV)	1491															Measured Value (mV)
	SLOPE (mV/dB)	20.3															Error (mV)
		192	279	375	473	577	684	784	876	971	1074	1183	1290	1394	1500	1604	LINEARITY ERROR (dB)
		17	3	-2	-6	-3	3	2	-8	-14	-12	-5	1	4	9	11	
		0.85	0.15	-0.12	-0.28	-0.14	0.14	0.08	-0.38	-0.69	-0.61	-0.23	0.06	0.19	0.42	0.56	
3.2 GHz	INTERCEPT (mV)	1487															Measured Value (mV)
	SLOPE (mV/dB)	19.8															Error (mV)
		203	295	394	494	599	705	798	887	974	1077	1182	1286	1388	1495	1599	LINEARITY ERROR (dB)
		6	-1	-2	-1	5	12	5	-5	-17	-13	-7	-3	0	8	13	
		0.29	-0.07	-0.08	-0.04	0.25	0.59	0.28	-0.24	-0.85	-0.66	-0.37	-0.13	0.01	0.40	0.64	
4.5 GHz	INTERCEPT (mV)	1486															Measured Value (mV)
	SLOPE (mV/dB)	19.6															Error (mV)
		214	307	403	502	606	711	804	891	979	1080	1183	1287	1388	1493	1596	LINEARITY ERROR (dB)
		5	0	-2	-1	4	11	6	-5	-15	-13	-8	-2	1	7	12	
		0.27	0.00	-0.11	-0.07	0.22	0.57	0.30	-0.27	-0.79	-0.65	-0.40	-0.11	0.03	0.38	0.62	
5.9 GHz	INTERCEPT (mV)	1478															Measured Value (mV)
	SLOPE (mV/dB)	19.6															Error (mV)
		205	297	397	495	599	706	798	882	970	1072	1174	1279	1380	1485	1589	LINEARITY ERROR (dB)
		4	-2	-1	-1	5	14	8	-7	-17	-13	-9	-2	0	7	13	
		0.20	-0.12	-0.03	-0.04	0.26	0.71	0.39	-0.33	-0.85	-0.66	-0.47	-0.12	0.02	0.37	0.67	
7.2 GHz	INTERCEPT (mV)	1478															Measured Value (mV)
	SLOPE (mV/dB)	19.8															Error (mV)
		199	286	385	482	584	694	791	880	974	1073	1173	1276	1377	1484	1591	LINEARITY ERROR (dB)
		10	-2	-2	-4	-2	9	7	-3	-8	-9	-4	-2	6	13		
		0.51	-0.10	-0.11	-0.23	-0.08	0.46	0.35	-0.16	-0.43	-0.44	-0.40	-0.20	-0.11	0.28	0.67	
8.6 GHz	INTERCEPT (mV)	1490															Measured Value (mV)
	SLOPE (mV/dB)	20.2															Error (mV)
		192	281	379	475	576	687	785	881	980	1081	1184	1286	1388	1495	1602	LINEARITY ERROR (dB)
		13	2	-1	-6	-6	4	1	-4	-6	-6	-3	-2	-1	5	11	
		0.67	0.08	-0.07	-0.31	-0.30	0.20	0.05	-0.19	-0.28	-0.28	-0.17	-0.12	-0.06	0.24	0.54	
9.9 GHz	INTERCEPT (mV)	1485															Measured Value (mV)
	SLOPE (mV/dB)	19.9															Error (mV)
		203	291	390	486	587	697	795	888	981	1079	1180	1282	1384	1490	1597	LINEARITY ERROR (dB)
		10	-1	-2	-5	-3	7	6	-1	-7	-8	-4	-2	5	12		
		0.51	-0.06	-0.08	-0.25	-0.17	0.36	0.29	-0.03	-0.36	-0.43	-0.35	-0.22	-0.09	0.24	0.63	
11.3 GHz	INTERCEPT (mV)	1490															Measured Value (mV)
	SLOPE (mV/dB)	19.9															Error (mV)
		208	295	395	492	596	707	803	891	982	1081	1184	1286	1388	1496	1604	LINEARITY ERROR (dB)
		9	-3	-2	-5	0	12	8	-3	-11	-12	-8	-5	-2	6	15	
		0.47	-0.15	-0.11	-0.23	0.00	0.59	0.43	-0.14	-0.56	-0.58	-0.39	-0.26	-0.12	0.31	0.75	
12.6 GHz	INTERCEPT (mV)	1480															Measured Value (mV)
	SLOPE (mV/dB)	19.6															Error (mV)
		210	303	403	498	603	713	805	888	975	1073	1177	1276	1379	1487	1595	LINEARITY ERROR (dB)
		3	-2	0	-3	4	16	11	-4	-15	-15	-9	-8	-3	7	18	
		0.14	-0.11	0.00	-0.15	0.22	0.84	0.54	-0.22	-0.78	-0.77	-0.46	-0.40	-0.14	0.38	0.90	
14 GHz	INTERCEPT (mV)	1472															Measured Value (mV)
	SLOPE (mV/dB)	19.4															Error (mV)
		219	310	406	498	601	708	800	883	972	1067	1171	1273	1375	1481	1589	LINEARITY ERROR (dB)
		8	2	1	-4	2	12	7	-7	-15	-17	-10	-5	0	9	20	
		0.40	0.09	0.04	-0.22	0.09	0.61	0.35	-0.37	-0.78	-0.89	-0.53	-0.27	-0.01	0.45	1.02	
16.7 GHz	INTERCEPT (mV)	1492															Measured Value (mV)
	SLOPE (mV/dB)	19.9															Error (mV)
		207	298	397	490	594	706	800	891	989	1084	1188	1290	1391	1497	1602	LINEARITY ERROR (dB)
		8	0	-1	-7	-2	10	5	-4	-5	-10	-5	-3	-1	5	11	
		0.43	0.00	-0.03	-0.35	-0.12	0.50	0.23	-0.20	-0.27	-0.50	-0.27	-0.14	-0.07	0.26	0.54	
18 GHz	INTERCEPT (mV)	1501															Measured Value (mV)
	SLOPE (mV/dB)	20.2															Error (mV)
		202	294	393	482	582	696	792	886	992	1088	1194	1300	1404	1508	1612	LINEARITY ERROR (dB)
		15	5	3	-9	-10	3	-2	-9	-4	-9	-4	1	4	7	9	
		0.72	0.27	0.17	-0.43	-0.48	0.16	-0.10	-0.45	-0.20	-0.45	-0.21	0.03	0.18	0.32	0.47	
Flatness		0.7	0.9	0.8	0.8	0.8	0.8	0.6	0.4	0.5	0.5	0.6	0.7	0.7	0.7	0.6	
Linearity Max.(dB)=		1.03															
Linearity Min.(dB)=		-0.89															
Average Slope (mV/dB)		19.9															



**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

LOGGING CHARACTERISTICS @ 60C

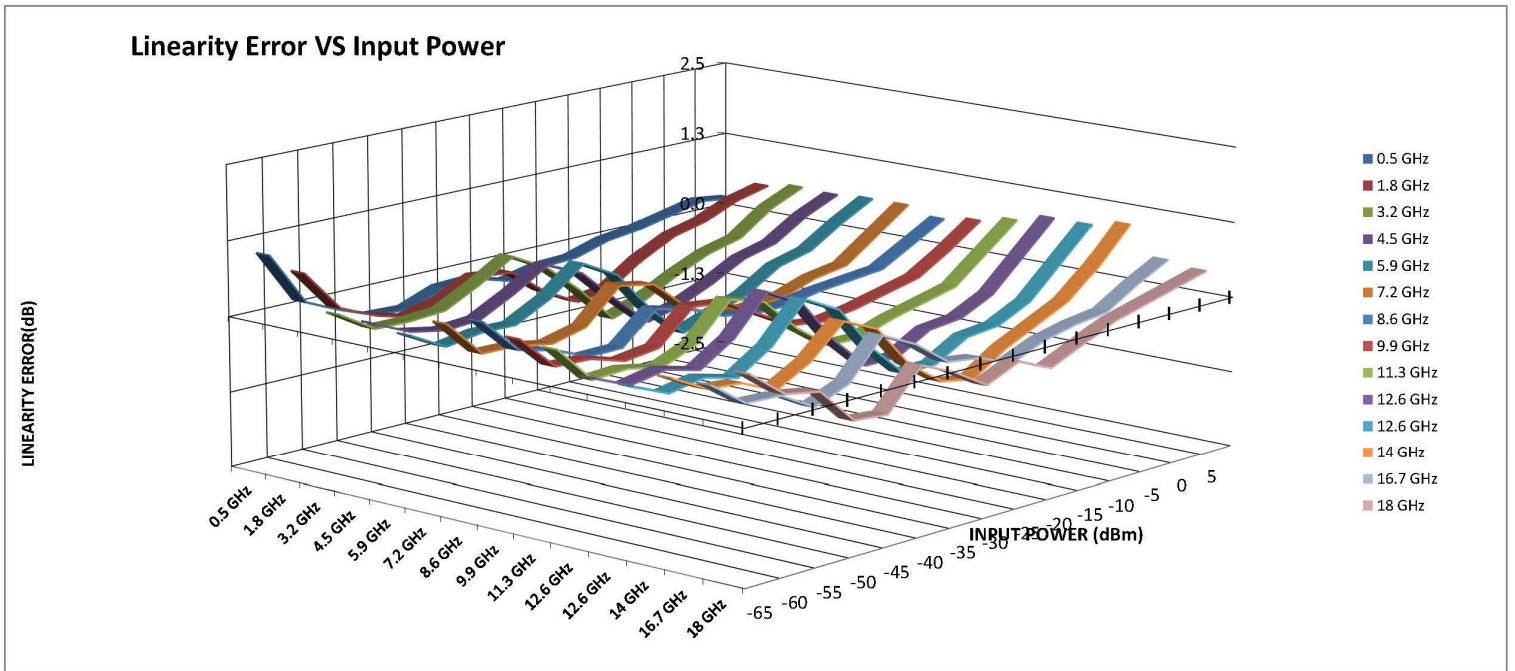
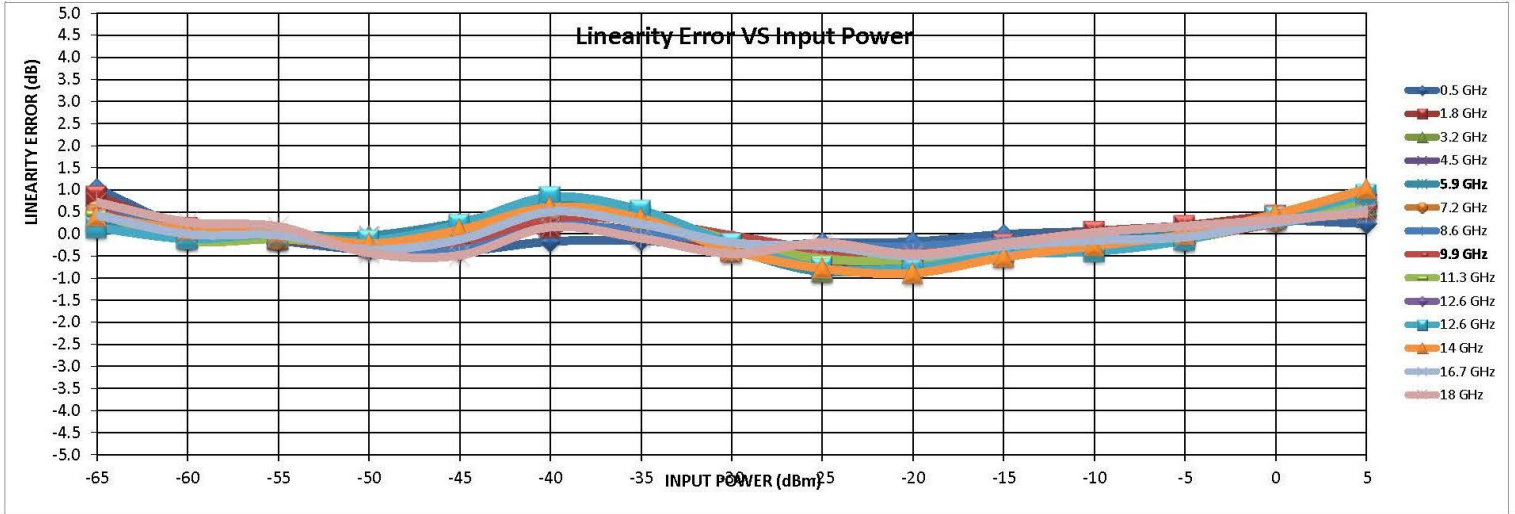




**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

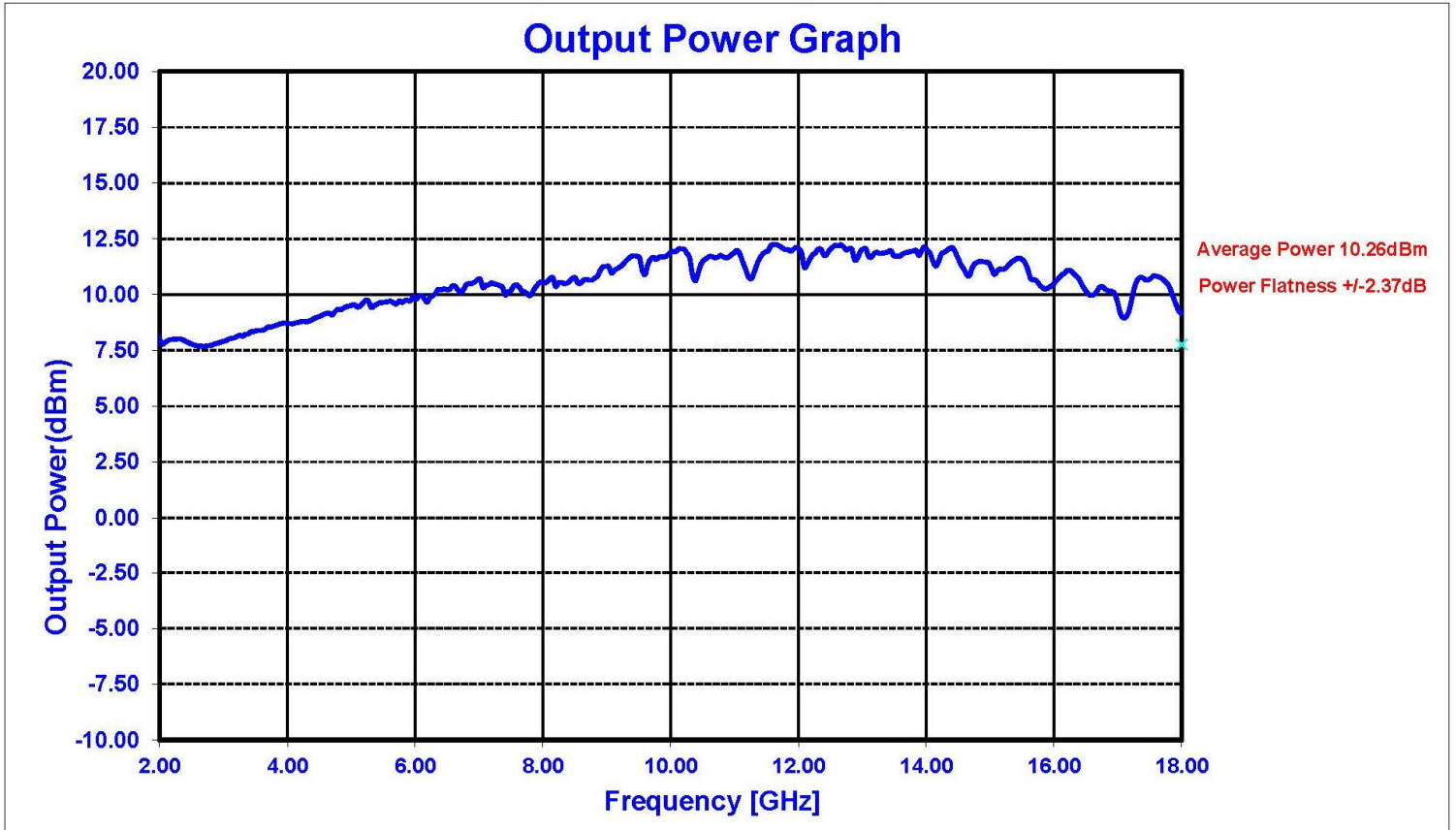
LOGGING CHARACTERISTICS @ 60C





**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

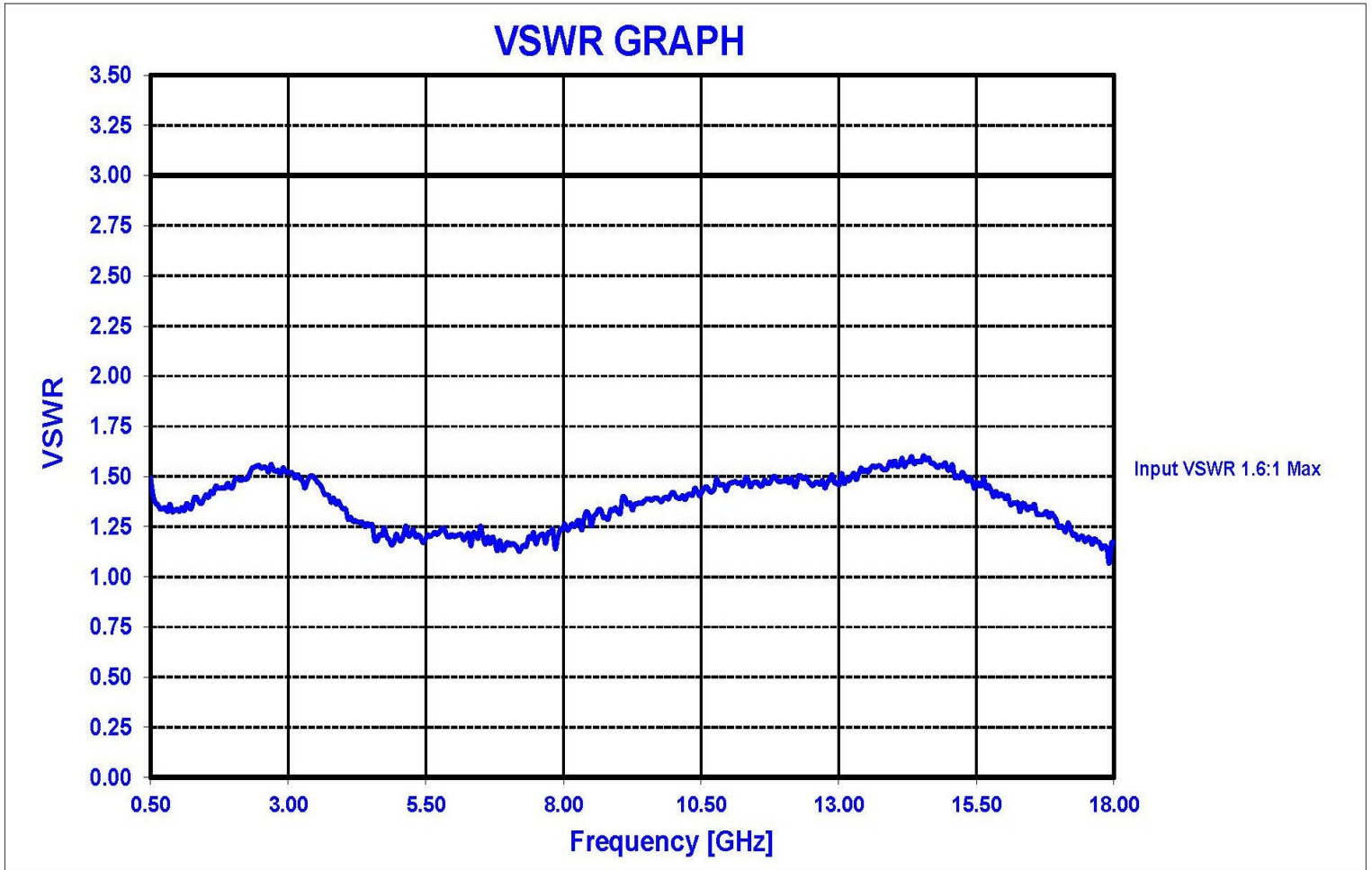
50317





**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

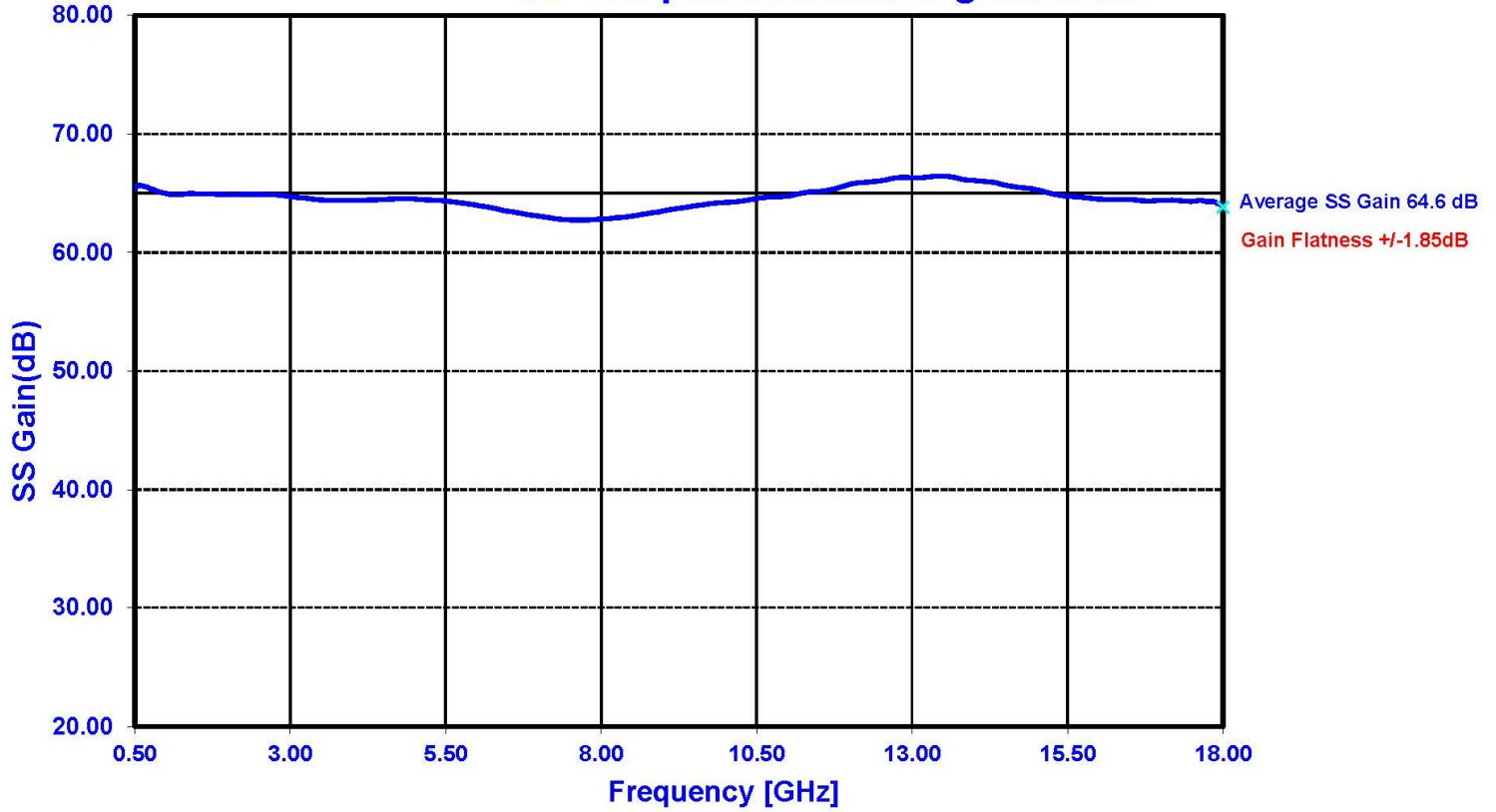




**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

RF Output J2 Small Signal Gain

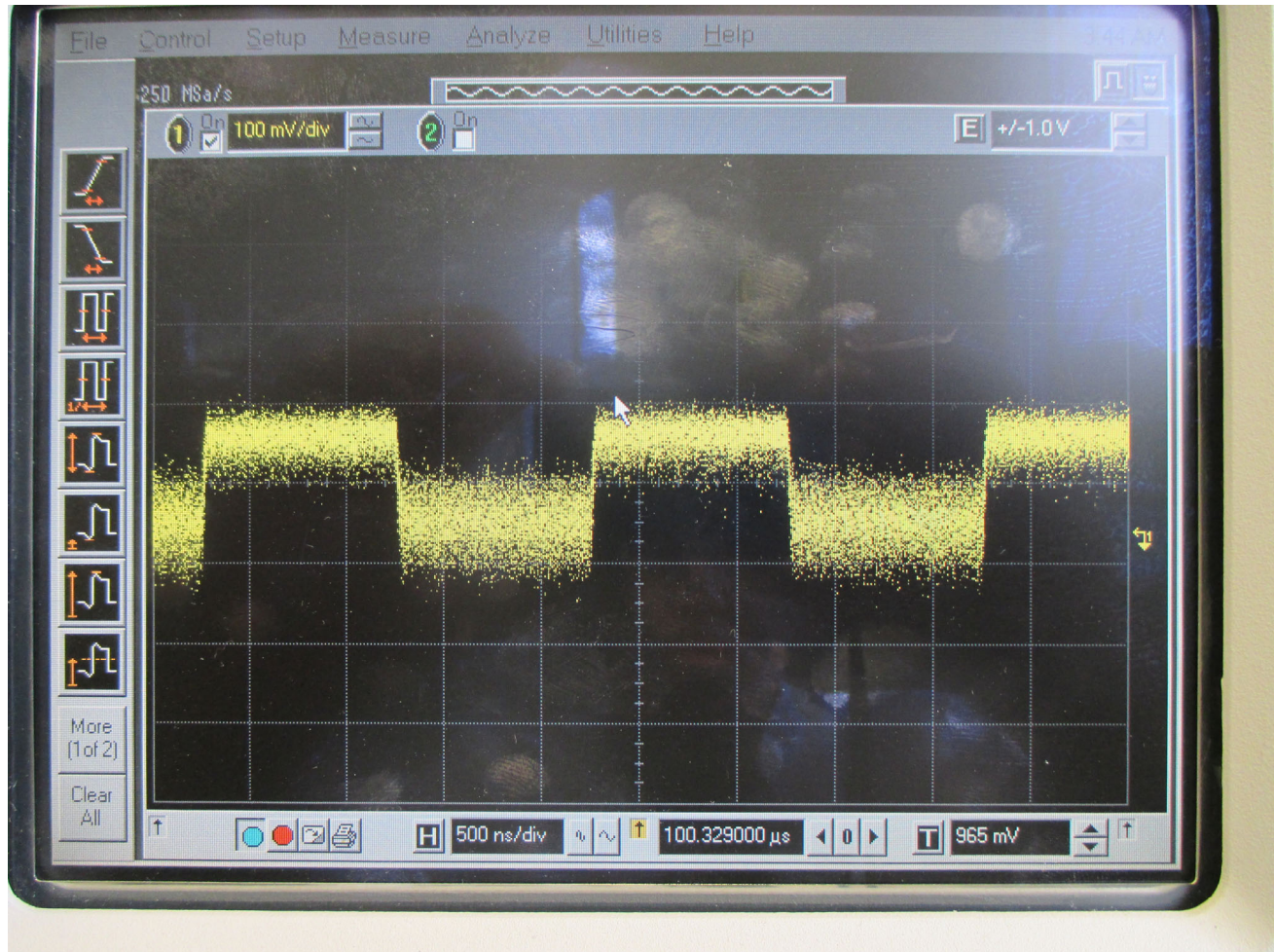




**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

TSS @ -68.5dBm





**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

Rise Time 18.68ns





**SUMMARY TEST DATA
ON
SDLVA-2020-70 Opt 0518 A03
A07-50OHM**

50317

Recovery Time 189.09ns

