



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

50318

Customer: _____	Tested By: <u>E. Benson</u>
SO No: _____	Temperature: <u>+25°C (Unless Otherwise Specified)</u>
Model No: <u>SDLVA-2020-70 Opt 0518 A03 A07-50OHM</u>	Date: <u>01/27/15</u>
Serial No: <u>50318</u>	Drawing No: <u>27610088</u> Rev: <u>A1</u>
Part No: _____	

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.5GHz to 18.0GHz	<b>0.5GHz to 18.0GHz See Plot</b>	
2	Frequency Flatness:	±2.0dB Typ (0.5GHz to 18.0GHz)	<b>±1.70dB See Plot</b>	
3	TSS:	-65dBm Min (8.0 to 18.0GHz)	<b>-67.2dBm See Plot</b>	
4	VSWR:	3.0:1 (0.5 to 18.0GHz @ -20dBm)	<b>2.1:1 See Plot</b>	
5	Logging Range	-65 dBm to +5 dBm	<b>&gt;-65 to +5dBm See Plot</b>	
6	Log Slope	20mV/dB (±10% Tolerance)	<b>20.1mV/dB</b>	
7	Log Temperature Stability:	±1.75dB (0°C to 60°C)	<b>&lt;±1.75dB See Plot</b>	
8	Rise Time (10% to 90%):	20ns Max	<b>20.00ns See Plot</b>	
9	Recover Time:	200ns Max (-65 dBm to +5 dBm)	<b>192.73ns See Plot</b>	
10	Output Power:	+10dBm ±2.5dB Typ	<b>9.58dBm See Plot</b>	
11	Output Video Load:	50Ω ±10% or as desired	<b>50Ω</b>	
12	Power Supply:	+15V @ 600mA Max -15V @ 200mA Max	<b>460mA 100mA</b>	

QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_



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

50318

**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: 0318

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  
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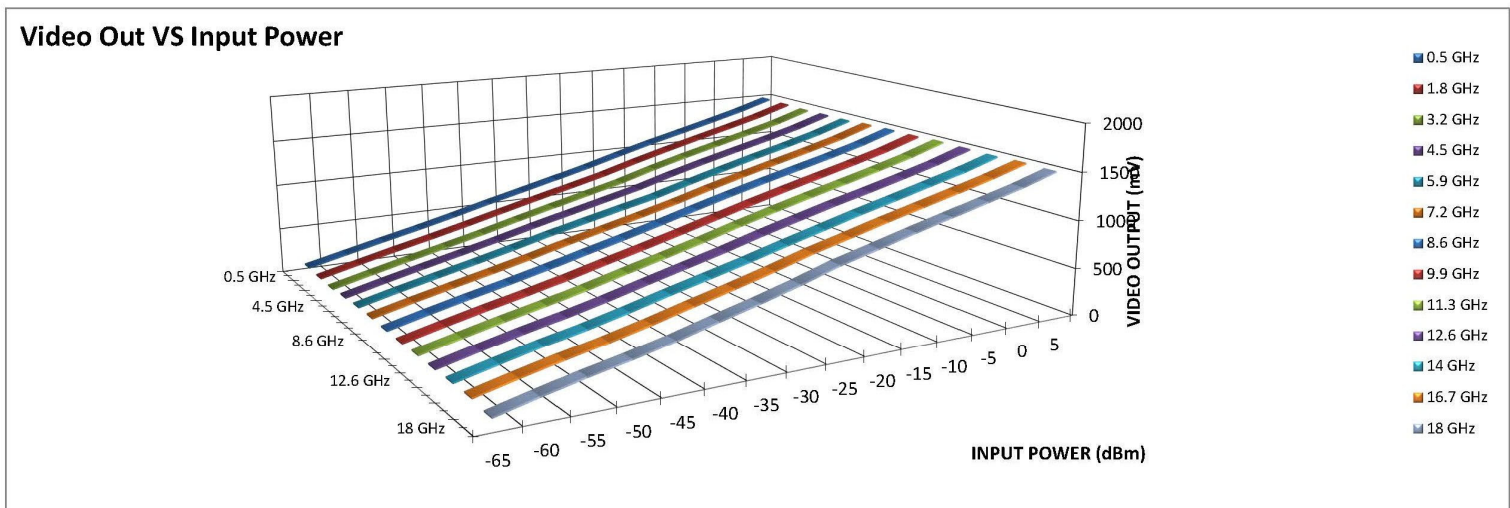
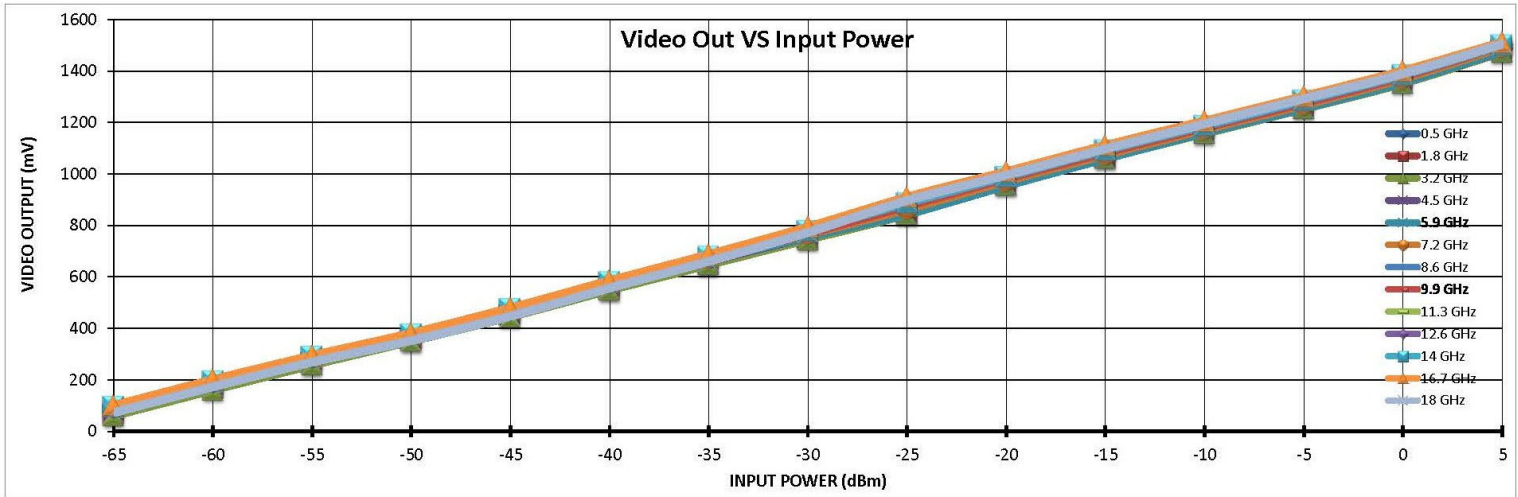
Frequency			-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.5 GHz	INTERCEPT (mV)	1373	86	181	275	366	463	566	663	762	863	973	1078	1174	1272	1373	1489	Measured Value (mV)
	SLOPE (mV/dB)	20	15	10	4	-6	-9	-6	-9	-10	-9	0	5	1	-1	0	16	Error (mV)
			0.75	0.49	0.18	-0.28	-0.44	-0.30	-0.45	-0.51	-0.47	0.02	0.26	0.05	-0.06	-0.02	0.77	LINEARITY ERROR (dB)
1.8 GHz	INTERCEPT (mV)	1365	70	169	266	357	453	554	653	751	849	962	1067	1167	1264	1364	1482	Measured Value (mV)
	SLOPE (mV/dB)	20.1	12	10	7	-3	-7	-7	-8	-11	-13	-1	4	3	0	-1	17	Error (mV)
			0.58	0.50	0.33	-0.14	-0.37	-0.34	-0.42	-0.54	-0.66	-0.04	0.18	0.16	-0.02	-0.04	0.83	LINEARITY ERROR (dB)
3.2 GHz	INTERCEPT (mV)	1357	61	161	258	351	446	549	648	746	843	958	1062	1158	1254	1353	1474	Measured Value (mV)
	SLOPE (mV/dB)	20.1	9	9	5	-2	-8	-5	-6	-9	-12	2	6	2	-3	-4	16	Error (mV)
			0.45	0.43	0.26	-0.11	-0.38	-0.25	-0.32	-0.44	-0.61	0.12	0.30	0.08	-0.14	-0.21	0.82	LINEARITY ERROR (dB)
4.5 GHz	INTERCEPT (mV)	1360	78	179	275	368	464	565	661	756	850	963	1066	1162	1257	1357	1477	Measured Value (mV)
	SLOPE (mV/dB)	19.8	6	8	5	-1	-4	-2	-5	-9	-14	0	4	1	-4	-3	18	Error (mV)
			0.32	0.41	0.26	-0.05	-0.20	-0.10	-0.26	-0.46	-0.72	-0.02	0.18	0.03	-0.18	-0.13	0.93	LINEARITY ERROR (dB)
5.9 GHz	INTERCEPT (mV)	1356	90	190	284	376	472	573	667	757	845	955	1060	1161	1256	1357	1478	Measured Value (mV)
	SLOPE (mV/dB)	19.6	8	10	6	0	-2	1	-3	-11	-21	-9	-2	1	-2	1	24	Error (mV)
			0.38	0.49	0.29	-0.02	-0.11	0.04	-0.16	-0.56	-1.07	-0.46	-0.10	0.06	-0.09	0.07	1.24	LINEARITY ERROR (dB)
7.2 GHz	INTERCEPT (mV)	1372	93	193	287	378	473	576	671	766	864	973	1075	1173	1269	1371	1493	Measured Value (mV)
	SLOPE (mV/dB)	19.8	10	11	6	-3	-7	-3	-7	-11	-12	-2	1	0	-4	-1	22	Error (mV)
			0.49	0.54	0.28	-0.13	-0.34	-0.14	-0.35	-0.55	-0.81	-0.11	0.03	-0.02	-0.18	-0.03	1.12	LINEARITY ERROR (dB)
8.6 GHz	INTERCEPT (mV)	1384	84	185	281	371	467	570	669	773	883	988	1087	1182	1277	1379	1500	Measured Value (mV)
	SLOPE (mV/dB)	20.2	10	10	5	-6	-10	-8	-10	-7	3	7	5	-1	-6	-5	15	Error (mV)
			0.47	0.48	0.25	-0.28	-0.52	-0.41	-0.50	-0.33	0.12	0.34	0.25	-0.04	-0.32	-0.26	0.75	LINEARITY ERROR (dB)
9.9 GHz	INTERCEPT (mV)	1383	82	182	278	367	463	567	666	769	876	983	1084	1181	1277	1379	1500	Measured Value (mV)
	SLOPE (mV/dB)	20.2	12	11	6	-6	-11	-8	-10	-8	-2	4	4	0	-5	-4	16	Error (mV)
			0.58	0.53	0.29	-0.31	-0.55	-0.40	-0.49	-0.39	-0.09	0.21	0.21	0.01	-0.23	-0.18	0.82	LINEARITY ERROR (dB)
11.3 GHz	INTERCEPT (mV)	1394	91	189	285	374	471	575	676	780	891	995	1095	1190	1287	1390	1511	Measured Value (mV)
	SLOPE (mV/dB)	20.2	13	10	5	-8	-12	-9	-9	-7	3	6	5	-2	-6	-4	16	Error (mV)
			0.64	0.48	0.22	-0.38	-0.59	-0.45	-0.47	-0.33	0.15	0.29	0.23	-0.08	-0.29	-0.20	0.77	LINEARITY ERROR (dB)
12.6 GHz	INTERCEPT (mV)	1392	90	190	286	375	472	577	679	781	892	995	1096	1188	1285	1386	1506	Measured Value (mV)
	SLOPE (mV/dB)	20.2	10	9	4	-8	-12	-8	-7	-6	5	7	7	-2	-6	-6	13	Error (mV)
			0.49	0.44	0.20	-0.39	-0.58	-0.38	-0.33	-0.27	0.23	0.33	0.33	-0.11	-0.30	-0.30	0.65	LINEARITY ERROR (dB)
14 GHz	INTERCEPT (mV)	1390	97	196	292	379	477	582	681	781	888	991	1094	1189	1287	1386	1502	Measured Value (mV)
	SLOPE (mV/dB)	20	11	9	5	-8	-10	-6	-7	-7	0	2	5	0	-2	-4	12	Error (mV)
			0.52	0.46	0.25	-0.41	-0.52	-0.28	-0.34	-0.36	-0.02	0.12	0.26	0.00	-0.12	-0.18	0.61	LINEARITY ERROR (dB)
16.7 GHz	INTERCEPT (mV)	1407	100	200	294	381	479	585	687	794	910	1009	1111	1206	1302	1401	1512	Measured Value (mV)
	SLOPE (mV/dB)	20.3	12	10	3	-11	-15	-10	-10	-4	11	8	9	2	-3	-6	4	Error (mV)
			0.58	0.51	0.15	-0.56	-0.73	-0.50	-0.48	-0.20	0.52	0.40	0.43	0.11	-0.16	-0.27	0.20	LINEARITY ERROR (dB)
18 GHz	INTERCEPT (mV)	1398	73	173	269	353	448	557	661	773	897	996	1098	1195	1293	1390	1505	Measured Value (mV)
	SLOPE (mV/dB)	20.6	16	13	6	-13	-21	-15	-15	-6	15	11	10	4	-1	-8	4	Error (mV)
			0.79	0.63	0.29	-0.64	-1.03	-0.75	-0.71	-0.28	0.73	0.53	0.48	0.18	-0.07	-0.37	0.21	LINEARITY ERROR (dB)
Flatness			1	1	0.9	0.7	0.8	0.9	1	1.2	1.7	1.3	1.3	1.2	1.2	1.2	0.9	
Linearity Max. (dB)																		1.24
Linearity Min. (dB)																		-1.07
Average Slope (mV/dB)																		20.1



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A07-50OHM**

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**LOGGING CHARACTERISTICS @+25C**

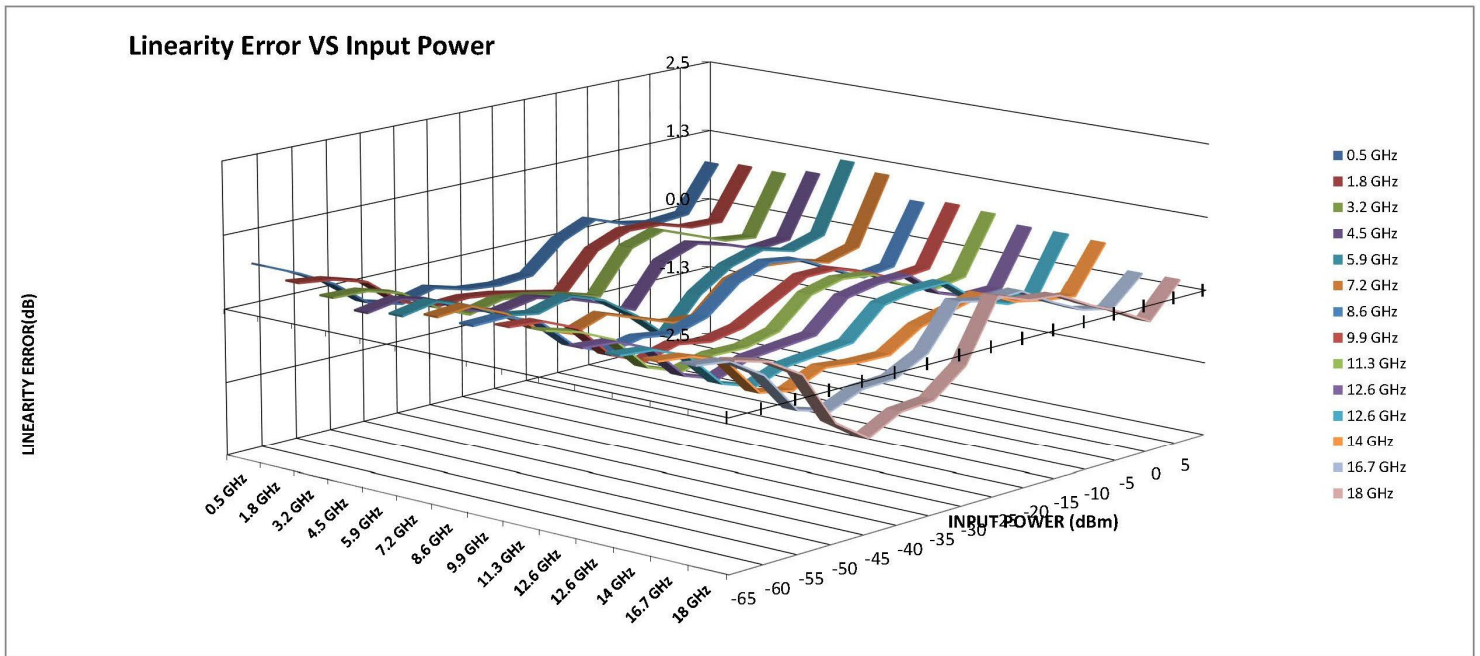
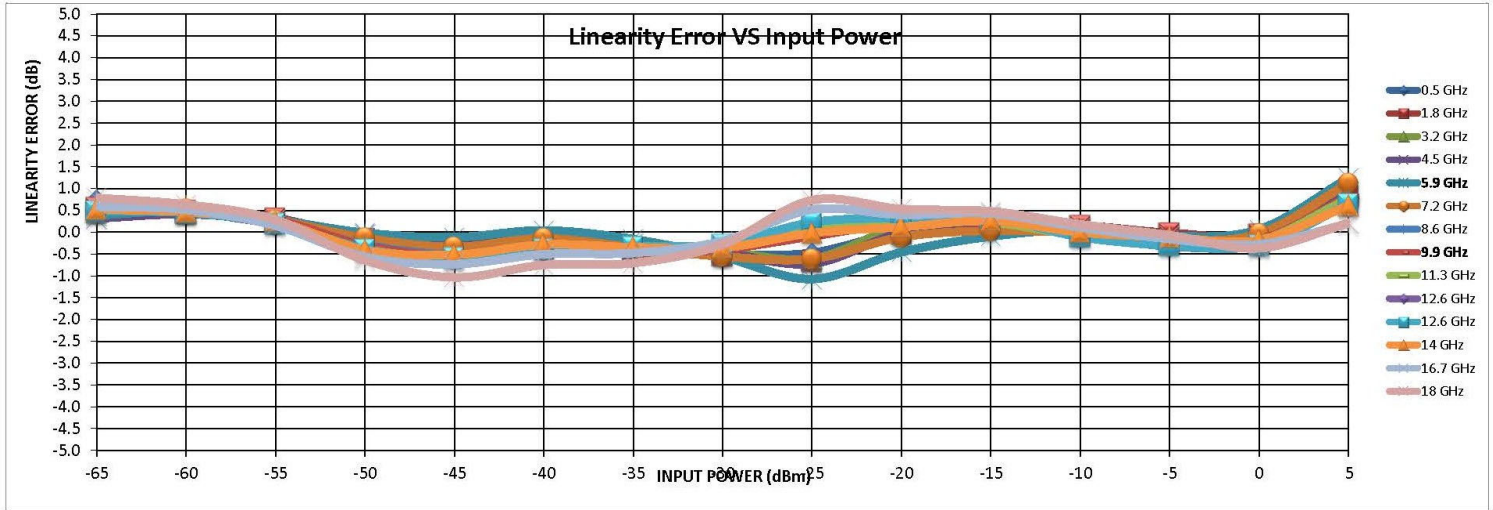




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**LOGGING CHARACTERISTICS @+25C**





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

50318

**LOGGING CHARACTERISTICS @ 0C**

LOG TRANSFER VS FREQUENCY  
MODEL : SDLVA-2020-70 OPT. 0518, A03, A07-50OHM  
TESTED BY: Edd Benson  
DATE: 1/27/15  
SERIAL NO: 0318

Wednesday, January 28, 2015

Test Temp: -0C



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Frequency

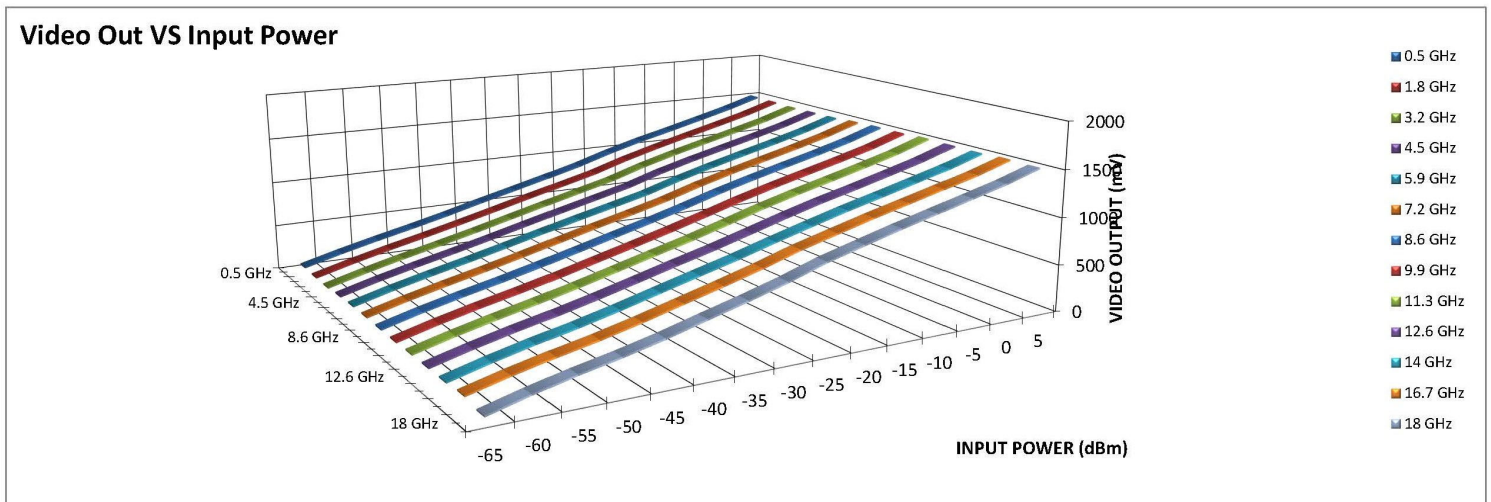
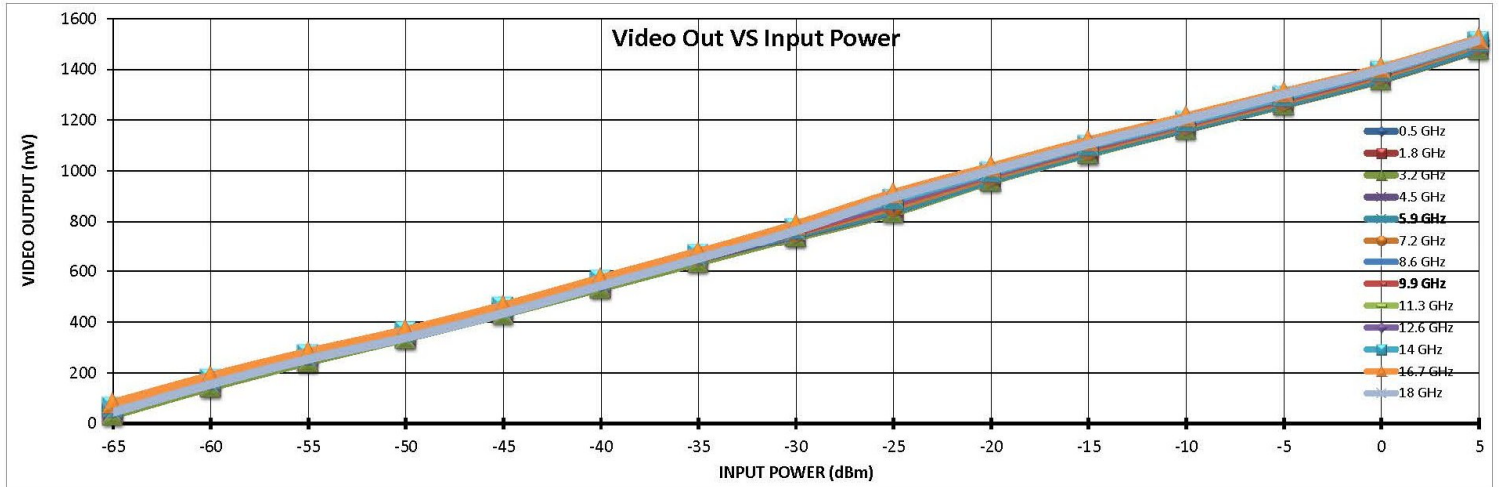
Frequency	INTERCEPT (mV)	SLOPE (mV/dB)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.5 GHz	1381	20.6	48	155	253	345	442	547	647	748	853	975	1083	1178	1277	1378	1493	Measured Value (mV)
	9		13	7	-4	-10	-8	-11	-13	-12	7	12	4	0	-3	9	Error (mV)	
	0.43		0.61	0.36	-0.18	-0.48	-0.39	-0.55	-0.65	-0.56	0.35	0.58	0.19	-0.02	-0.12	0.45	LINEARITY ERROR (dB)	
1.8 GHz	1372	20.6	38	147	247	339	436	537	640	740	841	964	1072	1172	1269	1369	1487	Measured Value (mV)
	7		13	10	-2	-8	-10	-10	-13	-15	5	9	6	0	-3	12	Error (mV)	
	0.33		0.61	0.46	-0.08	-0.38	-0.48	-0.49	-0.64	-0.74	0.22	0.45	0.30	0.00	-0.15	0.57	LINEARITY ERROR (dB)	
3.2 GHz	1365	20.5	34	144	244	337	433	535	637	738	837	961	1068	1165	1261	1360	1479	Measured Value (mV)
	4		12	9	-1	-8	-8	-9	-11	-15	7	11	5	-2	-5	11	Error (mV)	
	0.21		0.56	0.43	-0.05	-0.37	-0.41	-0.44	-0.53	-0.71	0.32	0.53	0.25	-0.07	-0.26	0.54	LINEARITY ERROR (dB)	
4.5 GHz	1368	20.3	50	161	259	352	449	550	650	747	844	967	1072	1168	1264	1364	1482	Measured Value (mV)
	2		12	8	0	-5	-6	-7	-12	-16	5	9	3	-2	-4	13	Error (mV)	
	0.10		0.57	0.40	-0.02	-0.25	-0.27	-0.23	-0.57	-0.79	0.26	0.43	0.16	-0.11	-0.19	0.63	LINEARITY ERROR (dB)	
5.9 GHz	1368	20.2	60	170	268	361	458	558	658	751	846	965	1071	1170	1265	1366	1485	Measured Value (mV)
	2		11	8	1	-3	-4	-5	-12	-18	0	5	3	-2	-2	16	Error (mV)	
	0.09		0.55	0.41	0.03	-0.16	-0.20	0.23	-0.62	-0.90	0.00	0.26	0.17	-0.11	-0.10	0.80	LINEARITY ERROR (dB)	
7.2 GHz	1382	20.4	62	171	269	362	460	562	663	759	860	978	1083	1181	1277	1379	1500	Measured Value (mV)
	4		11	7	-2	-5	-5	-6	-12	-13	3	6	2	-3	-3	16	Error (mV)	
	0.20		0.55	0.36	-0.07	-0.27	-0.26	-0.30	-0.59	-0.64	0.16	0.31	0.12	-0.17	-0.17	0.77	LINEARITY ERROR (dB)	
8.6 GHz	1392	20.6	58	168	266	356	453	556	659	762	871	987	1091	1189	1284	1387	1509	Measured Value (mV)
	7		14	9	-4	-11	-11	-11	-11	-5	8	8	3	-5	-5	14	Error (mV)	
	0.34		0.67	0.42	-0.22	-0.52	-0.52	-0.53	-0.54	-0.25	0.37	0.41	0.16	-0.23	-0.24	0.67	LINEARITY ERROR (dB)	
9.9 GHz	1393	20.7	56	166	264	353	449	553	656	761	872	988	1092	1189	1285	1387	1509	Measured Value (mV)
	8		15	9	-5	-13	-12	-13	-11	-3	9	10	3	-4	-6	13	Error (mV)	
	0.39		0.71	0.44	-0.25	-0.61	-0.59	-0.61	-0.53	-0.17	0.44	0.47	0.16	-0.20	-0.27	0.63	LINEARITY ERROR (dB)	
11.3 GHz	1403	20.8	62	171	269	360	457	561	666	768	881	997	1101	1197	1295	1398	1521	Measured Value (mV)
	9		14	8	-5	-12	-12	-10	-12	-3	9	9	1	-4	-5	14	Error (mV)	
	0.41		0.66	0.38	-0.24	-0.57	-0.56	-0.50	-0.59	-0.15	0.44	0.45	0.07	-0.21	-0.25	0.67	LINEARITY ERROR (dB)	
12.6 GHz	1398	20.6	64	173	271	360	457	561	667	768	879	992	1098	1192	1291	1393	1514	Measured Value (mV)
	8		14	8	-6	-12	-11	-8	-11	-3	7	10	1	-4	-5	13	Error (mV)	
	0.37		0.65	0.40	-0.28	-0.59	-0.55	-0.41	-0.52	-0.14	0.34	0.47	0.03	-0.18	-0.23	0.63	LINEARITY ERROR (dB)	
14 GHz	1400	20.6	65	175	273	362	460	566	671	774	888	996	1101	1196	1294	1393	1510	Measured Value (mV)
	5		12	7	-7	-12	-9	-8	-8	3	8	10	2	-3	-7	7	Error (mV)	
	0.24		0.58	0.33	-0.35	-0.60	-0.46	-0.36	-0.37	0.16	0.40	0.49	0.10	-0.15	-0.35	0.33	LINEARITY ERROR (dB)	
16.7 GHz	1416	20.7	81	187	282	368	465	572	678	789	912	1016	1119	1214	1310	1406	1521	Measured Value (mV)
	11		14	5	-12	-19	-16	-13	-6	14	14	14	5	-3	-10	1	Error (mV)	
	0.55		0.67	0.25	-0.60	-0.91	-0.75	-0.63	-0.27	0.66	0.68	0.66	0.24	-0.12	-0.49	0.06	LINEARITY ERROR (dB)	
18 GHz	1409	21.2	45	155	254	339	435	544	651	765	896	1002	1106	1203	1302	1399	1515	Measured Value (mV)
	12		16	9	-12	-22	-18	-17	-9	16	16	15	6	-1	-10	0	Error (mV)	
	0.55		0.74	0.42	-0.56	-1.02	-0.87	-0.82	-0.43	0.76	0.77	0.69	0.27	-0.05	-0.47	0.02	LINEARITY ERROR (dB)	
Flatness	1.1 1 0.9 0.8 0.8 0.9 1 1.2 1.8 1.3 1.2 1.2 1.2 1.1 1																	
Linearity Max.(dB)=	0.80																	
Linearity Min.(dB)=	-1.02																	
Average Slope (mV/dB)	20.6																	



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**LOGGING CHARACTERISTICS @ 0C**

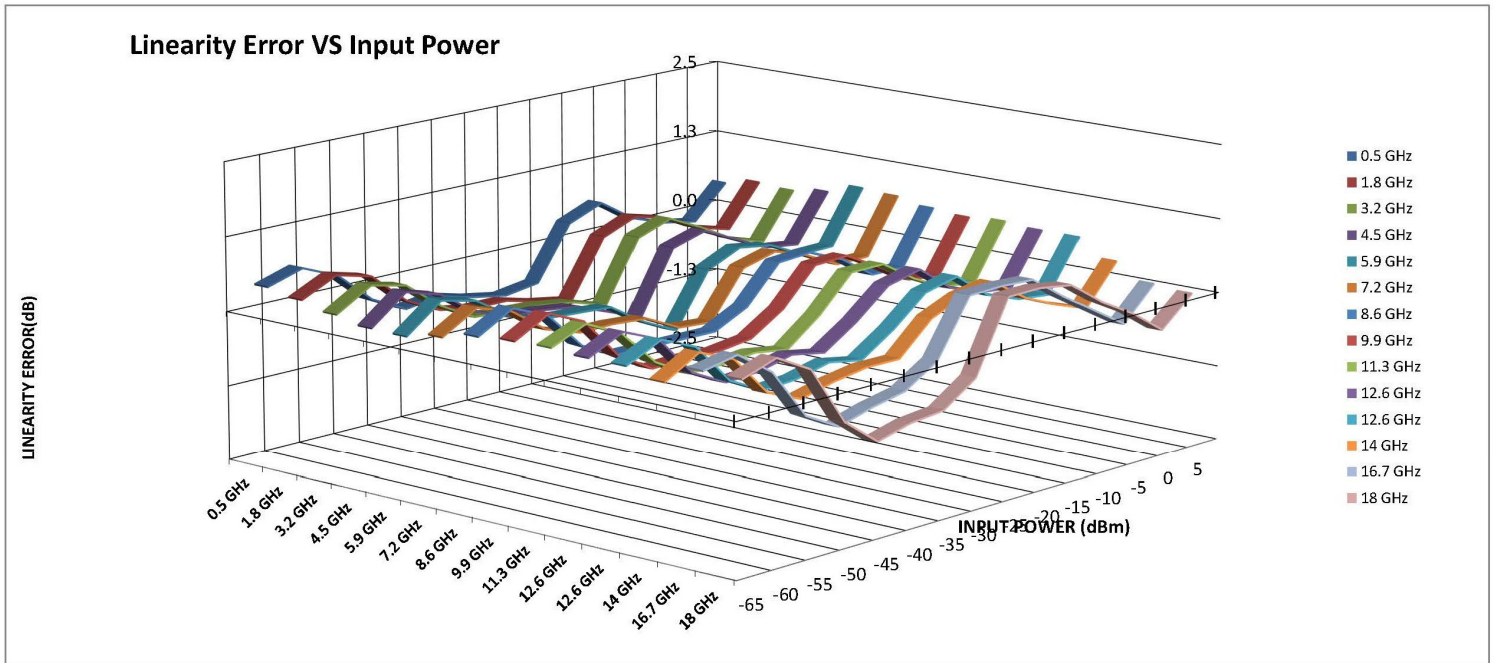
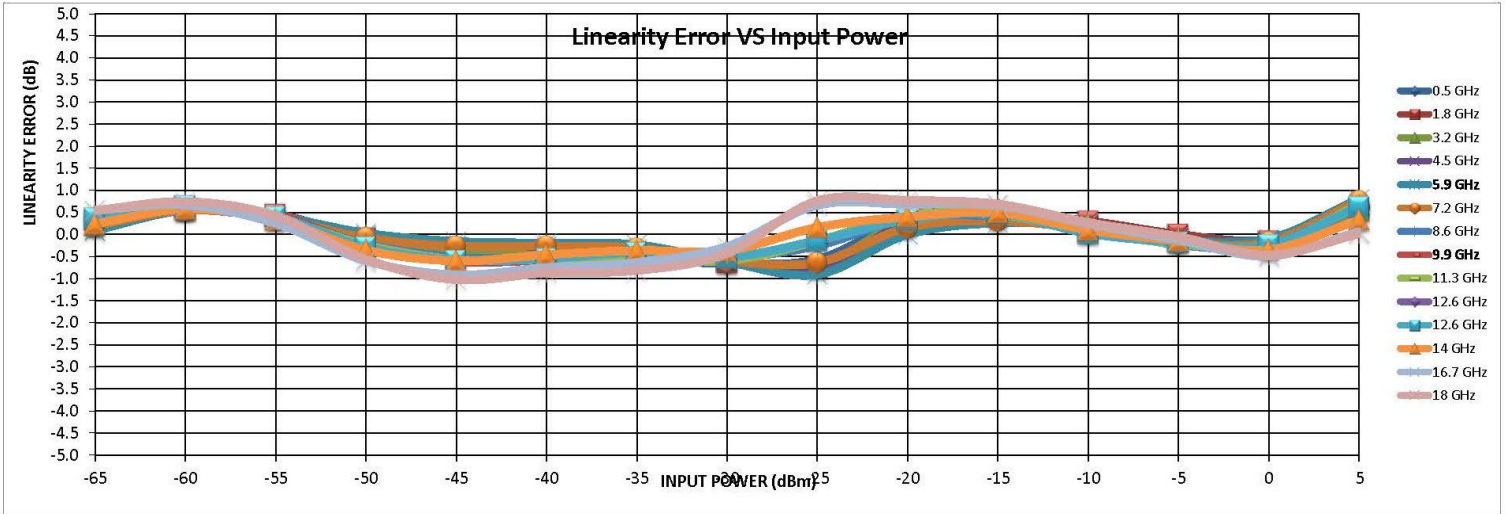




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**LOGGING CHARACTERISTICS @ 0C**





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

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**LOGGING CHARACTERISTICS @ 60C**  
**LOGGING CHARACTERISTICS @ 60C**

LOG TRANSFER VS FREQUENCY  
MODEL : SDLVA-2020-70 OPT. 0518, A03, A07-50OHM  
TESTED BY: Edd Benson  
DATE: 1/27/15  
SERIAL NO: 0318

Wednesday, January 28, 2015

Test Temp : +60C



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EMAIL: SALES@PMI-RF.COM

Frequency

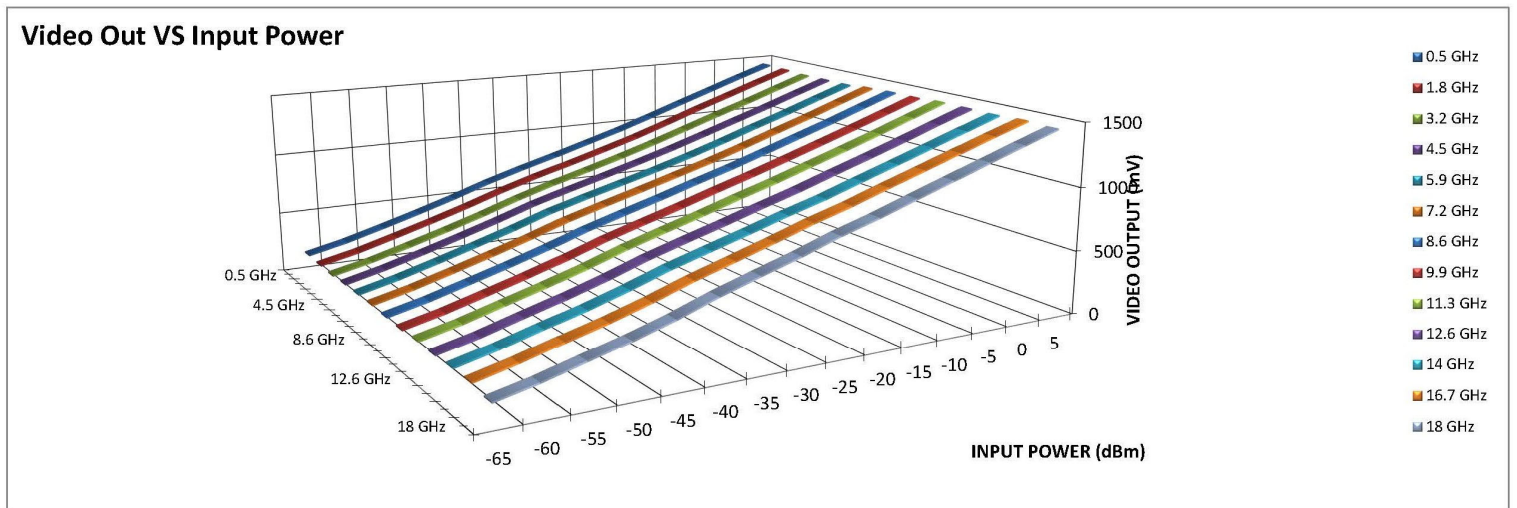
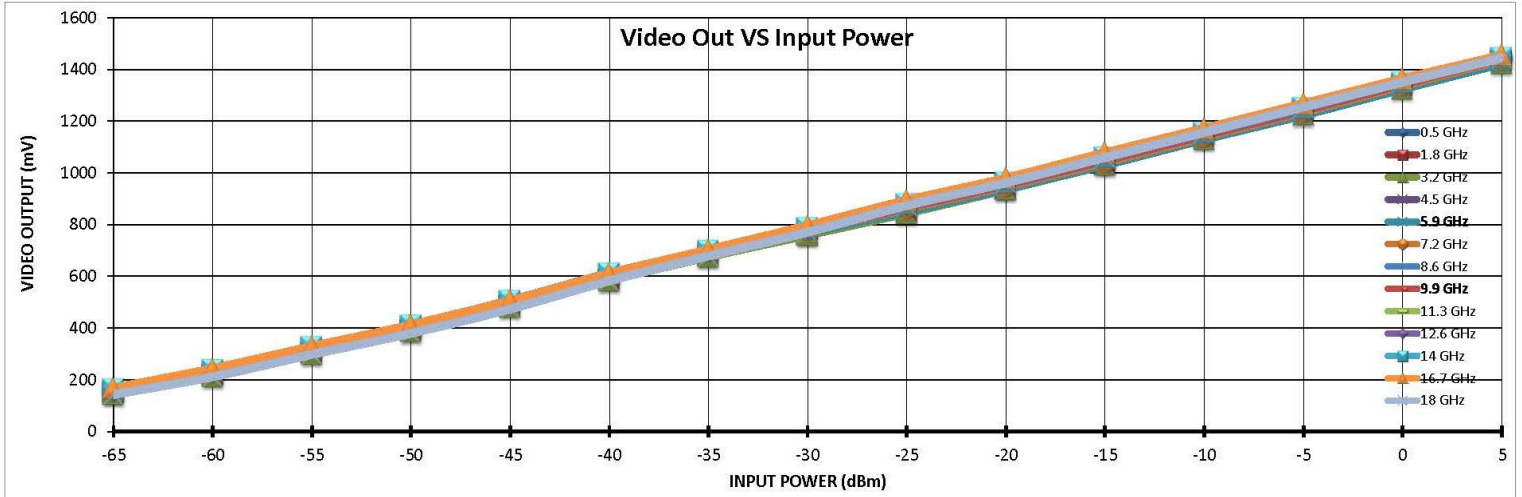
		-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	RF Input Power (dBm)
0.5 GHz	INTERCEPT (mV)	160	229	314	403	497	599	689	773	862	950	1047	1148	1247	1347	1442	Measured Value (mV)
	SLOPE (mV/dB)	26	3	-5	-8	-6	3	1	-7	-11	-15	-10	-2	5	13	15	Error (mV)
		1.40	0.14	-0.26	-0.44	-0.35	0.17	0.05	-0.40	-0.58	-0.82	-0.57	-0.10	0.26	0.68	0.82	LINEARITY ERROR (dB)
1.8 GHz	INTERCEPT (mV)	150	219	305	394	488	589	680	763	850	939	1038	1142	1239	1338	1434	Measured Value (mV)
	SLOPE (mV/dB)	26	2	-4	-7	-6	3	1	-8	-14	-17	-11	1	6	12	16	Error (mV)
		1.40	0.13	-0.22	-0.40	-0.32	0.15	0.07	-0.44	-0.74	-0.92	-0.57	0.06	0.30	0.66	0.85	LINEARITY ERROR (dB)
3.2 GHz	INTERCEPT (mV)	145	214	299	388	482	584	676	760	845	936	1033	1131	1226	1326	1424	Measured Value (mV)
	SLOPE (mV/dB)	24	1	-6	-9	-7	3	3	-5	-12	-13	-8	-2	1	9	15	Error (mV)
		1.32	0.07	-0.31	-0.47	-0.36	0.18	0.18	-0.25	-0.63	-0.68	-0.41	-0.09	0.08	0.51	0.84	LINEARITY ERROR (dB)
4.5 GHz	INTERCEPT (mV)	155	229	315	406	500	601	688	769	853	941	1035	1131	1226	1326	1424	Measured Value (mV)
	SLOPE (mV/dB)	16	-1	-5	-5	-1	9	5	-4	-11	-13	-10	-5	0	9	16	Error (mV)
		0.88	-0.03	-0.29	-0.27	-0.08	0.49	0.29	-0.24	-0.60	-0.74	-0.56	-0.26	-0.02	0.50	0.91	LINEARITY ERROR (dB)
5.9 GHz	INTERCEPT (mV)	158	232	319	410	504	606	692	771	851	938	1031	1130	1224	1325	1423	Measured Value (mV)
	SLOPE (mV/dB)	14	-2	-5	-4	0	12	8	-3	-13	-16	-14	-5	-1	10	18	Error (mV)
		0.79	-0.10	-0.27	-0.22	0.00	0.66	0.43	-0.18	-0.74	-0.91	-0.75	-0.25	-0.04	0.57	1.01	LINEARITY ERROR (dB)
7.2 GHz	INTERCEPT (mV)	161	235	322	412	506	609	695	777	862	948	1041	1139	1235	1337	1438	Measured Value (mV)
	SLOPE (mV/dB)	17	0	-4	-5	-2	10	5	-4	-10	-15	-13	-6	-1	10	20	Error (mV)
		0.92	-0.01	-0.23	-0.29	-0.12	0.54	0.27	-0.23	-0.56	-0.83	-0.72	-0.33	-0.06	0.55	1.10	LINEARITY ERROR (dB)
8.6 GHz	INTERCEPT (mV)	155	228	315	403	497	601	690	776	867	954	1049	1146	1242	1344	1445	Measured Value (mV)
	SLOPE (mV/dB)	21	2	-4	-8	-7	5	2	-5	-6	-12	-9	-4	-1	9	17	Error (mV)
		1.14	0.09	-0.21	-0.44	-0.36	0.27	0.09	-0.26	-0.34	-0.63	-0.49	-0.24	-0.04	0.48	0.94	LINEARITY ERROR (dB)
9.9 GHz	INTERCEPT (mV)	150	223	310	398	493	597	687	775	868	957	1051	1147	1244	1344	1445	Measured Value (mV)
	SLOPE (mV/dB)	22	2	-4	-9	-7	4	1	-4	-4	-8	-7	-4	0	7	15	Error (mV)
		1.16	0.08	-0.24	-0.50	-0.40	0.20	0.04	-0.23	-0.23	-0.44	-0.39	-0.22	-0.01	0.37	0.80	LINEARITY ERROR (dB)
11.3 GHz	INTERCEPT (mV)	160	233	321	408	502	605	696	784	877	965	1060	1155	1253	1355	1455	Measured Value (mV)
	SLOPE (mV/dB)	22	2	-3	-9	-8	2	0	-5	-5	-9	-7	-5	0	9	16	Error (mV)
		1.18	0.11	-0.16	-0.48	-0.42	0.12	0.02	-0.25	-0.24	-0.51	-0.40	-0.29	-0.01	0.48	0.86	LINEARITY ERROR (dB)
12.6 GHz	INTERCEPT (mV)	156	229	318	405	500	605	696	783	875	963	1060	1154	1251	1352	1451	Measured Value (mV)
	SLOPE (mV/dB)	20	0	-4	-10	-8	4	2	-4	-5	-10	-6	-5	-1	7	13	Error (mV)
		1.10	0.02	-0.19	-0.51	-0.41	0.24	0.13	-0.19	-0.24	-0.51	-0.30	-0.24	-0.03	0.40	0.73	LINEARITY ERROR (dB)
14 GHz	INTERCEPT (mV)	165	240	328	412	507	612	701	789	881	965	1062	1157	1253	1351	1447	Measured Value (mV)
	SLOPE (mV/dB)	19	1	-3	-11	-8	5	2	-2	-2	-11	-6	-3	1	7	11	Error (mV)
		1.01	0.08	-0.15	-0.59	-0.43	0.27	0.10	-0.13	-0.13	-0.57	-0.31	-0.15	0.06	0.37	0.58	LINEARITY ERROR (dB)
16.7 GHz	INTERCEPT (mV)	168	243	329	412	506	611	703	796	894	980	1078	1172	1268	1364	1455	Measured Value (mV)
	SLOPE (mV/dB)	22	4	-3	-14	-13	-1	-2	-3	2	-5	0	0	3	6	4	Error (mV)
		1.19	0.21	-0.17	-0.73	-0.69	-0.06	-0.13	-0.14	0.11	-0.28	-0.02	0.02	0.16	0.31	0.19	LINEARITY ERROR (dB)
18 GHz	INTERCEPT (mV)	143	212	298	380	474	583	679	771	874	962	1060	1157	1255	1351	1445	Measured Value (mV)
	SLOPE (mV/dB)	31	5	-4	-17	-18	-4	-2	-5	3	-4	-1	1	5	6	5	Error (mV)
		1.61	0.25	-0.22	-0.89	-0.94	-0.19	-0.13	-0.28	0.15	-0.21	-0.04	0.07	0.24	0.30	0.26	LINEARITY ERROR (dB)
Flatness		0.7	0.8	0.8	0.9	0.9	0.8	0.7	1	1.3	1.2	1.3	1.1	1.2	1.1	0.9	
Linearity Max.(dB)=		1.61															
Linearity Min.(dB)=		-0.94															
Average Slope (mV/dB)		18.5															





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

50318

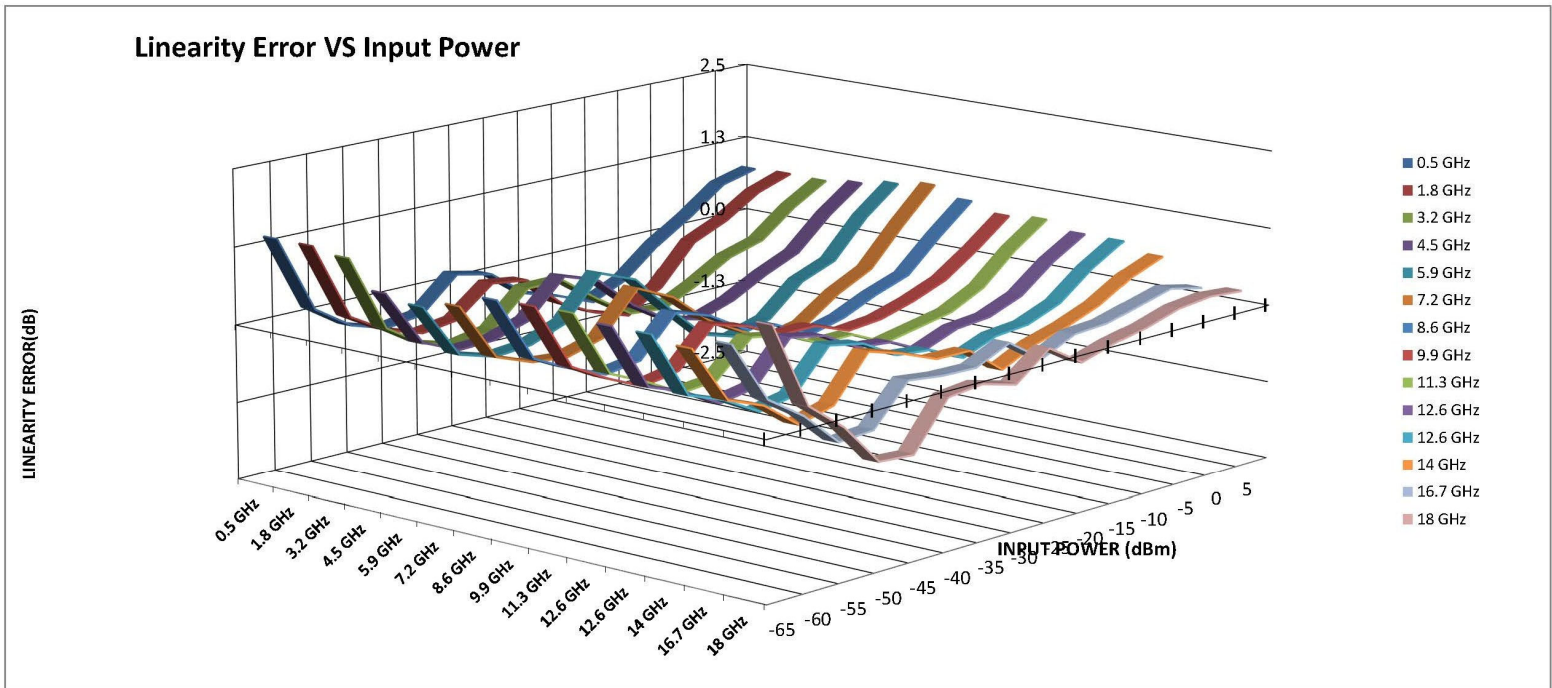
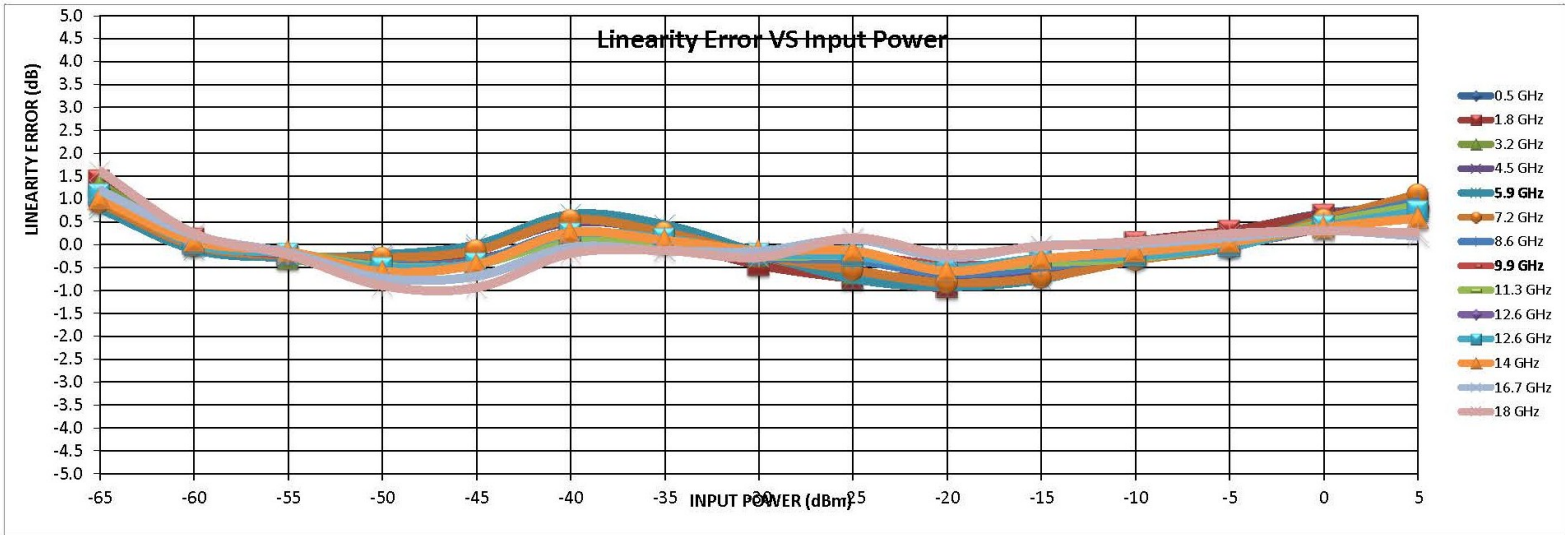




**SUMMARY TEST DATA  
ON  
SDLVA-2020-70 Opt 0518 A03  
A07-50HM**

50318

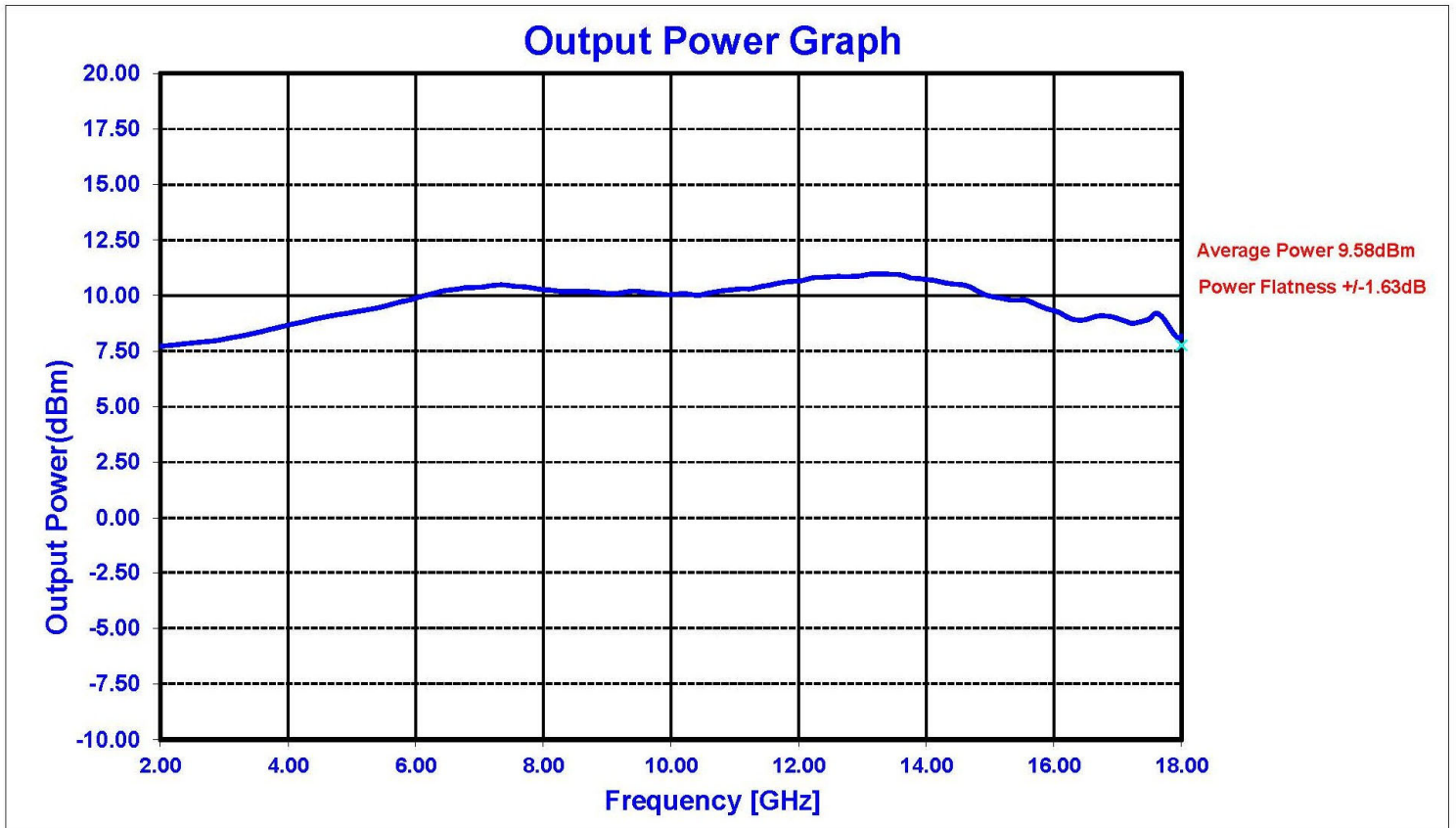
**LOGGING CHARACTERISTICS @ 60C**





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

50318

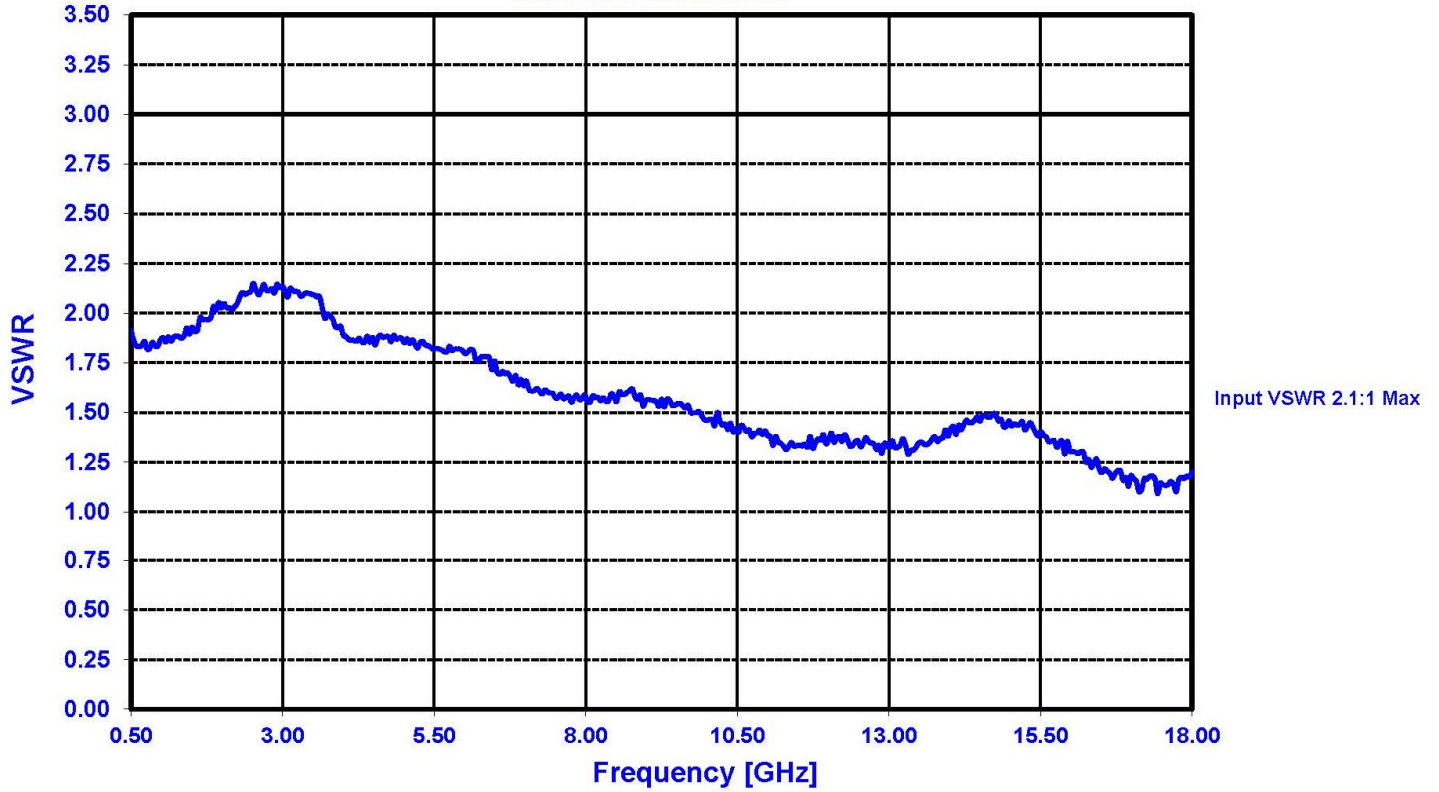




**SUMMARY TEST DATA  
ON  
SDLVA-2020-70 Opt 0518 A03  
A07-50OHM**

50318

**VSWR GRAPH**

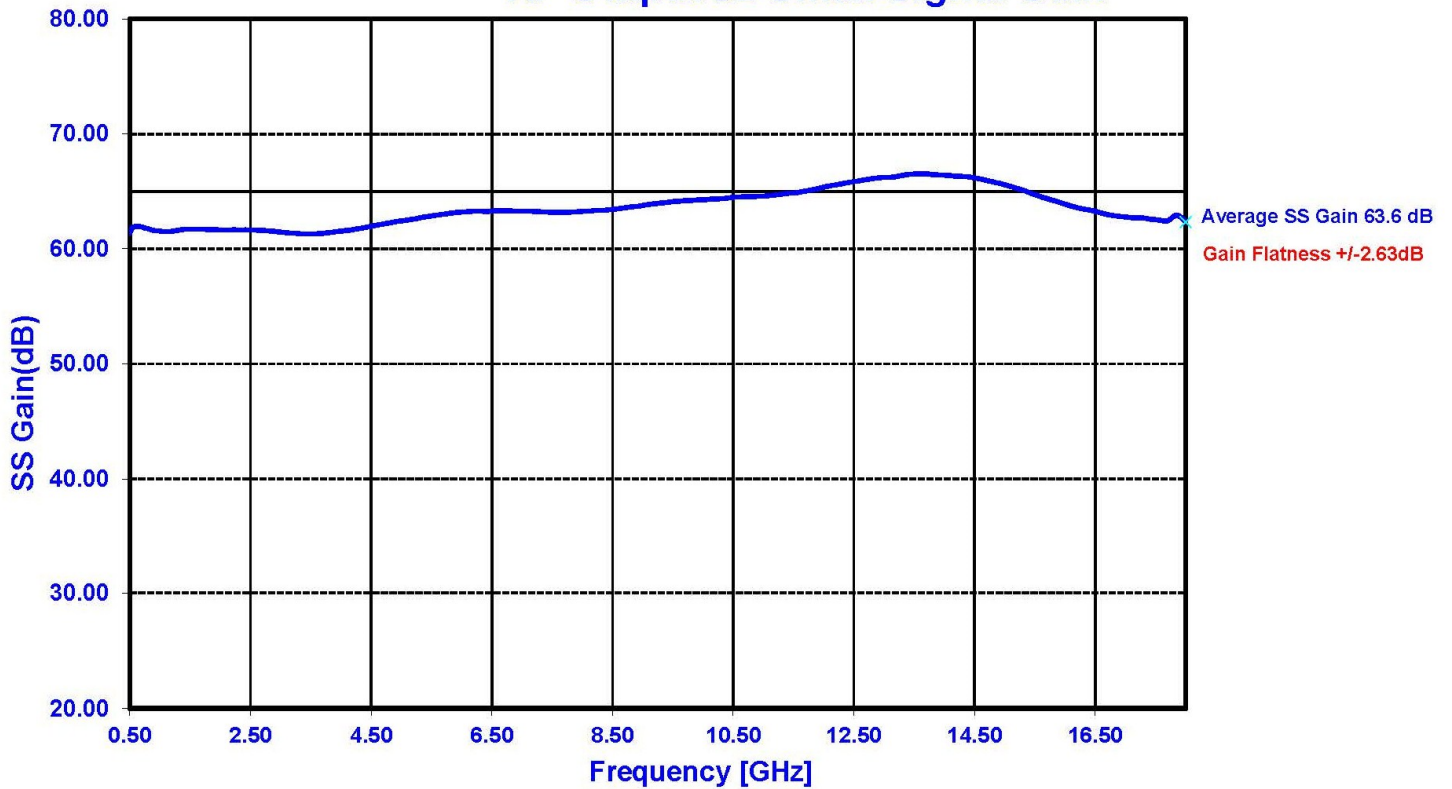




**SUMMARY TEST DATA  
ON  
SDLVA-2020-70 Opt 0518 A03  
A07-50OHM**

50318

**RF Output J2 Small Signal Gain**

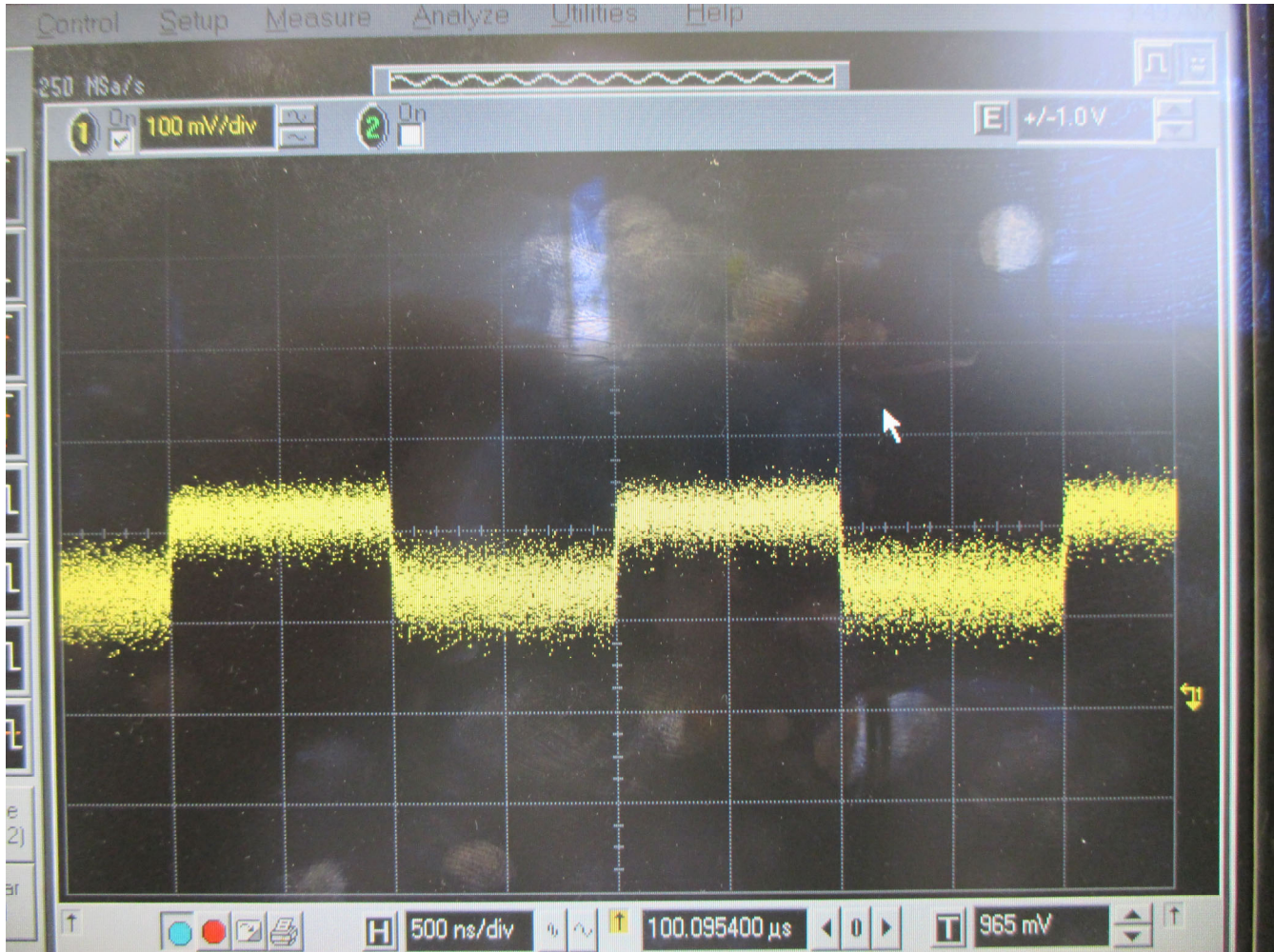




**SUMMARY TEST DATA  
ON  
SDLVA-2020-70 Opt 0518 A03  
A07-50OHM**

50318

**TSS @ -67.2dBm**





**SUMMARY TEST DATA  
ON  
SDLVA-2020-70 Opt 0518 A03  
A07-500HM**

50318

**Rise Time 20.00ns**





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

50318

Recovery Time 192.73ns

