FORM: 399-SD-DTA

PLANAR MONOLITHICS INDUSTRIES
7311-G GROVE ROAD, FREDERICK, MD 21704
TEL: 301-631-1579 FAX: 301-662-2029
URL: WWW.PLANARMONOLITHICS.COM
EMAIL: SALES@PLANARMONOLITHICS.COM

SUMMARY TEST DATA ON
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA)

CUSTOMER: ___
MODEL NO: SDLVA-61F-80
OPTION NO: 5829387-002, TBRK
SERIAL NO: PM509237

JOB NO: P506027NX
TESTED BY: H. Hahn
TEMPERATURE: -35°C TO +75°C
DATE: 10/24/05

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE:	61.25 MHz ± 250 KHz	61.25 MHz ± 250 KHz	✓
2	DYNAMIC RANGE:	-80 dBm TO 0 dBm	-80 dBm TO 0 dBm	✓
3	INPUT VSWR:	1.2:1 (MAXIMUM)	1.05:1	✓
4	TYPICAL OUTPUT VOLTAGE @ -80 dBm TO 0 dBm: **(SEE TRANSFER FUNCTION)	200 mV TO 2V (NOMINAL)	196 mV 2014 mV	✓
5	ACCURACY: (OVER TEMERATURE, FREQUENCY AND DYNAMIC RANGE)	E** ± 22.5 Mv (FOR ANY INPUT IN THE SIGNAL RANGE)	±14 mV	✓
6	RISE TIME: (ANY AMPLITUDE OF SIGNAL RANGE)	117 nsec. (MAXIMUM)	73 nS	✓
7	FALL TIME: (TO FALL FROM 2V TO 0.2V FOR AN INPUT PULSE WITH AN AMPLITUDE OF 0 dBm)	491 nsec. (MAXIMUM)	295 nS	✓
8	DC POWER @ +15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	70 mA	✓
9	DC POWER @ -15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	28 mA	✓

** E = TRANSFER FUNCTION: $E = 22.4*P_{in} + 200$
WHERE P_{in} IS THE INPUT POWER IN dB ABOVE -80 dBm AND E IS THE OUTPUT VOLTAGE IN mV

PRODUCTION MANAGER APPROVAL: DATED:

QA / QC APPROVAL: DATED: 10/27/05

SDLVA-61F-80
LOG TRANSFER WITH TEMPERATURE @ 61.25 MHz

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

SERIAL #: PM237

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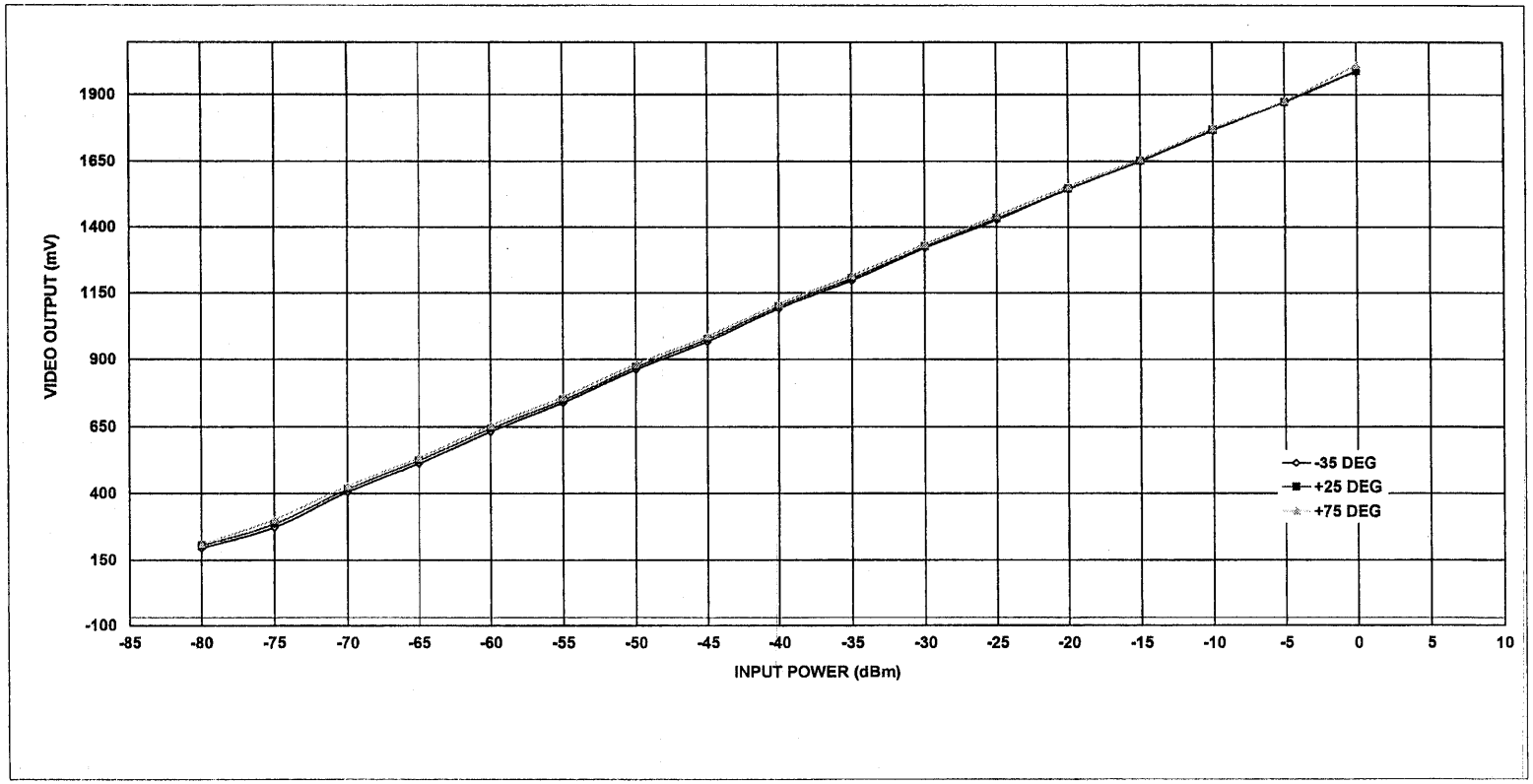
		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0			Rf Input power (dbm)
-35 DEG.																					
FREQUENCY	61.25 MHz			196	274	405	514	633	740	862	968	1091	1197	1321	1427	1543	1652	1768	1874	1992	Measured Values (mv)
SLOPE	22.5 mv/db			18	-18	0	-5	1	-5	3	-4	5	-2	9	1	4	-1	0	-5	-1	Error (mv)
INTERCEPT	1993 mv																				
+25 DEG																					
FREQUENCY	61.25 MHz			206	287	418	525	644	749	872	978	1100	1206	1327	1433	1546	1653	1768	1872	1991	Measured Values (mv)
SLOPE	22.5 mv/db			14	-18	-1	-5	2	-6	5	-2	7	1	9	3	3	-2	0	-8	-2	Error (mv)
INTERCEPT	1993 mv																				
+75 DEG.																					
FREQUENCY	61.25 MHz			212	303	429	535	656	761	883	988	1110	1216	1336	1443	1556	1659	1776	1876	2014	Measured Values (mv)
SLOPE	22.5 mv/db			9	-13	1	-5	3	-5	5	-3	7	0	8	2	2	-6	-3	-14	11	Error (mv)
INTERCEPT	2003 mv																				



SDLVA-61F-80
LOG TRANSFER OVER FREQUENCY @ 25 DEG.

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

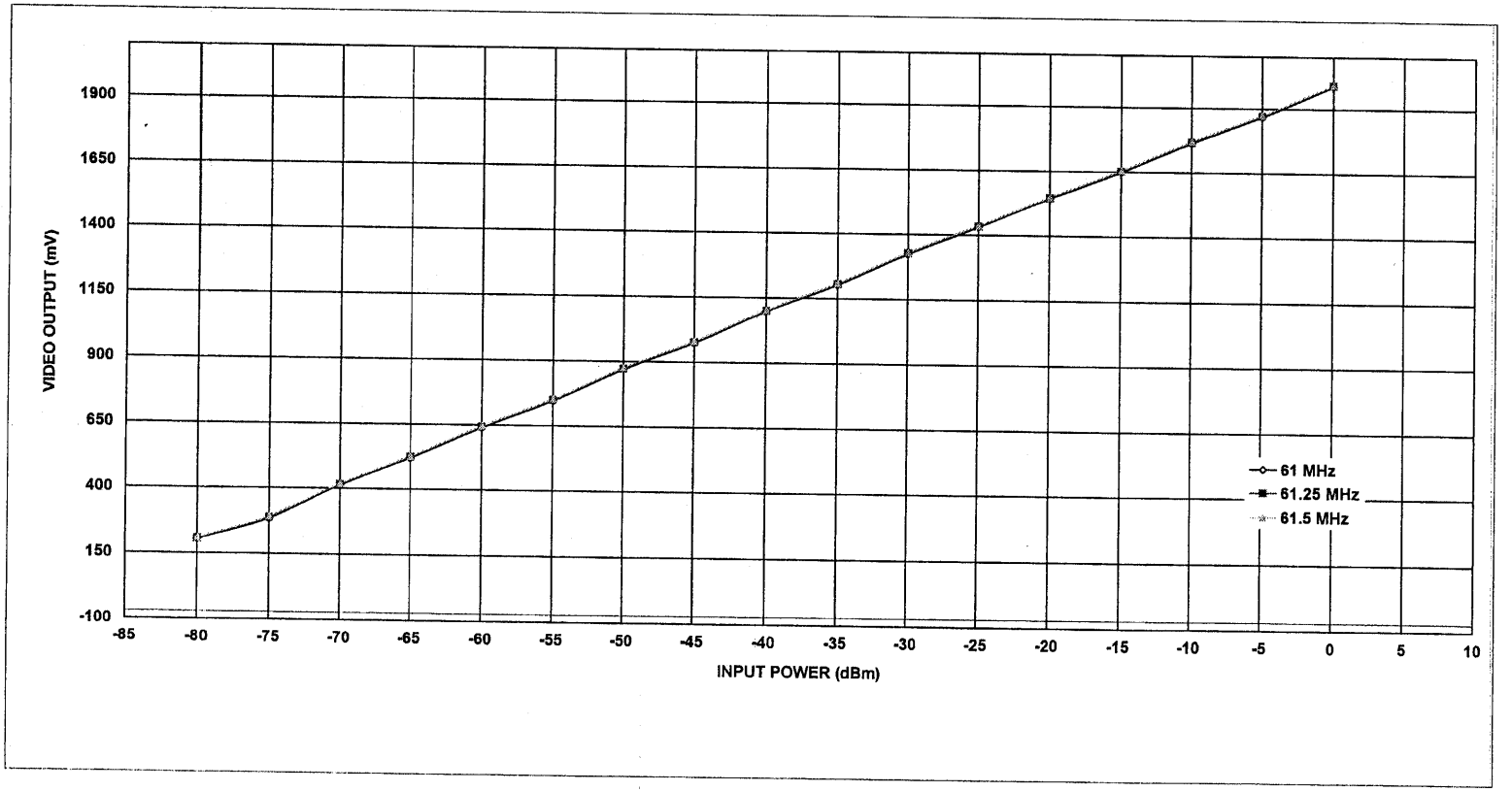
SERIAL #: PM237

PLANAR MONOLITHIC INDUSTRIES

	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
FREQUENCY																		Rf input power (dbm)
SLOPE		205	283	412	621	840	746	869	974	1087	1202	1324	1430	1543	1649	1768	1868	1987	Measured Values (mv)
INTERCEPT		16	-18	-2	-5	1	-6	5	-3	8	0	10	3	4	-3	1	-9	-2	Error (mv)

FREQUENCY		206	287	416	525	844	749	872	978	1100	1206	1327	1433	1546	1653	1768	1872	1991	Measured Values (mv)
SLOPE		14	-18	-1	-5	2	-6	5	-2	7	1	9	3	3	-2	0	-8	-2	Error (mv)

FREQUENCY		208	291	419	528	847	763	876	981	1104	1209	1333	1437	1549	1656	1772	1875	1994	Measured Values (mv)
SLOPE		13	-17	-1	-5	1	-6	5	-2	8	1	10	3	3	-3	1	-9	-3	Error (mv)



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SUMMARY TEST DATA ON
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA)

CUSTOMER:		**JOB NO:**	**P506027NX**
MODEL NO:	**SDLVA-61F-80**	**TESTED BY:**	**H. Hahn**
OPTION NO:	**5829387-002, TBRK**	**TEMPERATURE:**	**-35°C TO +75°C**
SERIAL NO:	**PM509238**	**DATE:**	**10/24/05**

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE:	61.25 MHz ± 250 KHz	61.25 MHz ± 250 KHz	✓
2	DYNAMIC RANGE:	-80 dBm TO 0 dBm	-80 dBm TO 0 dBm	✓
3	INPUT VSWR:	1.2:1 (MAXIMUM)	1.05:1	✓
4	TYPICAL OUTPUT VOLTAGE @ -80 dBm TO 0 dBm: **(SEE TRANSFER FUNCTION)	200 mV TO 2V (NOMINAL)	193 mV 2022mV	✓
5	ACCURACY: (OVER TEMERATURE, FREQUENCY AND DYNAMIC RANGE)	E** ± 22.5 Mv (FOR ANY INPUT IN THE SIGNAL RANGE)	±22 mV	✓
6	RISE TIME: (ANY AMPLITUDE OF SIGNAL RANGE)	117 nsec. (MAXIMUM)	77 nS	✓
7	FALL TIME: (TO FALL FROM 2V TO 0.2V FOR AN INPUT PULSE WITH AN AMPLITUDE OF 0 dBm)	491 nsec. (MAXIMUM)	241 nS	✓
8	DC POWER @ +15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	70 mA	✓
9	DC POWER @ -15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	36 mA	✓

** E = TRANSFER FUNCTION: $E = 22.4*P_{in} + 200$
WHERE P_{in} IS THE INPUT POWER IN dB ABOVE -80 dBm AND E IS THE OUTPUT VOLTAGE IN mV

PRODUCTION MANAGER APPROVAL: **DATED:**

QA / QC APPROVAL: **DATED:** 10/25/05

SDLVA-61F-80
LOG TRANSFER OVER FREQUENCY @ 25 DEG.

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

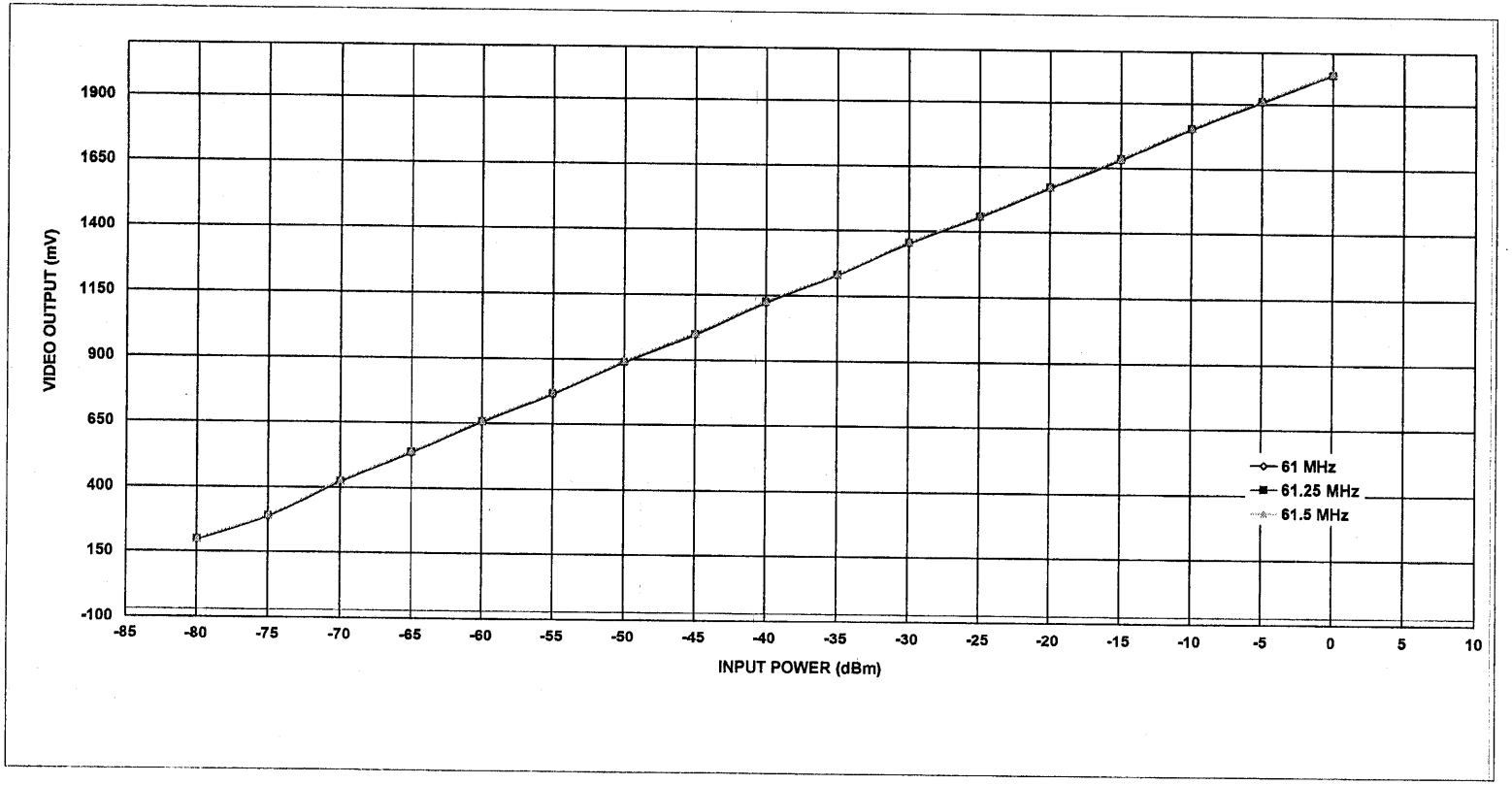
SERIAL #: PM238

PLANAR MONOLITHIC INDUSTRIES

		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0			Rf input power (dbm)
FREQUENCY	61 MHz	195	286	421	534	655	765	889	997	1123	1229	1352	1457	1572	1680	1799	1907	2015			Measured Values (mv)
SLOPE	22.9 mv/dB	2	-21	-1	-3	4	-1	8	1	13	4	12	2	3	-4	0	-6	-13			Error (mv)
INTERCEPT	2023 mV																				

FREQUENCY	61.25 MHz	197	290	424	537	658	768	892	1000	1126	1232	1356	1460	1575	1684	1803	1911	2014			Measured Values (mv)
SLOPE	22.9 mv/dB	1	-20	-1	-3	3	-1	8	1	13	4	13	3	3	-3	1	-5	-17			Error (mv)
INTERCEPT	2031 mV																				

FREQUENCY	61.5 MHz	198	283	422	540	661	774	895	1003	1129	1234	1368	1463	1576	1687	1806	1914	2022			Measured Values (mv)
SLOPE	23.0 mv/dB	0	-20	0	-2	4	-1	8	1	13	3	12	2	2	-3	0	-6	-13			Error (mv)
INTERCEPT	2031 mV																				



SDLVA-61F-80
LOG TRANSFER WITH TEMPERATURE @ 61.25 MHz

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

SERIAL #: PM238

PLANAR MONOLITHIC INDUSTRIES

-35 DEG.

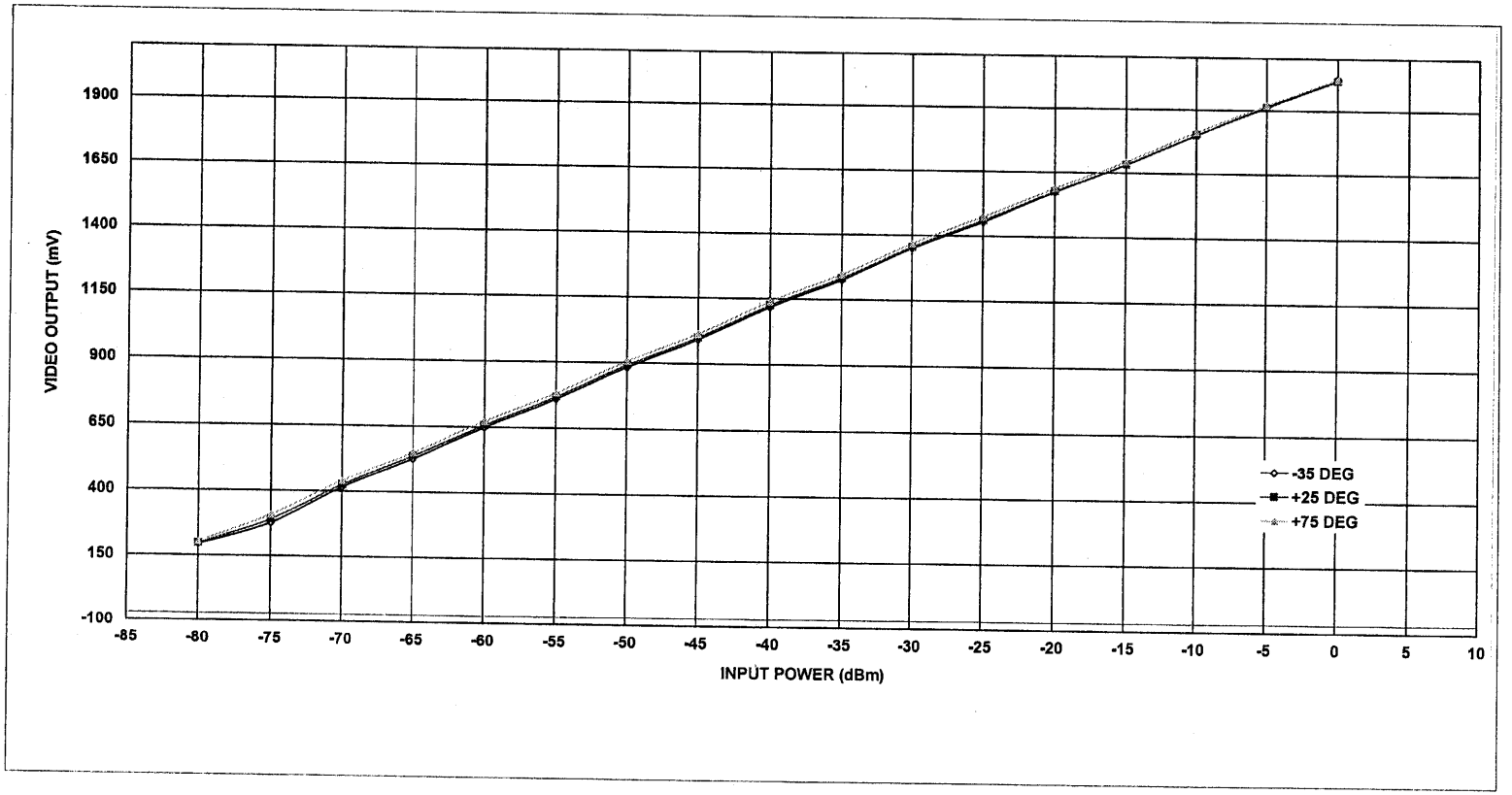
		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
FREQUENCY	61.25 MHz	193	277	415	527	649	760	884	993	1118	1225	1350	1464	1573	1683	1802	1916	2020	Measured Values (mv)
SLOPE	23.1 mv/db	9	-23	0	-4	3	-2	7	0	11	1	11	-1	3	-3	1	-2	-12	Error (mv)
INTERCEPT	2083 mv																		Rf input power (dbm)

+25 DEG

FREQUENCY	61.25 MHz	197	290	424	537	658	766	892	1000	1125	1232	1356	1460	1576	1684	1803	1911	2014	Measured Values (mv)
SLOPE	23.3 mv/db	1	-20	-1	-3	3	-1	8	1	13	4	13	3	3	-3	1	-5	-17	Error (mv)
INTERCEPT	2043 mv																		

+75 DEG.

FREQUENCY	61.25 MHz	203	308	440	551	673	782	907	1014	1140	1246	1369	1474	1588	1694	1813	1919	2021	Measured Values (mv)
SLOPE	23.5 mv/db	-6	-18	0	-3	4	-1	10	2	14	6	14	6	5	-4	1	-7	-20	Error (mv)
INTERCEPT	2081 mv																		



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EMAIL: SALES@PLANARMONOLITHICS.COM

SUMMARY TEST DATA ON
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA)

CUSTOMER: ___
MODEL NO: SDLVA-61F-80
OPTION NO: 5829387-002, TBRK
SERIAL NO: PM509239

JOB NO: P506027NX
TESTED BY: H. Hahn
TEMPERATURE: -35°C TO +75°C
DATE: 10/24/05

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE:	61.25 MHz ± 250 KHz	61.25 MHz ± 250 KHz	✓
2	DYNAMIC RANGE:	-80 dBm TO 0 dBm	-80 dBm TO 0 dBm	✓
3	INPUT VSWR:	1.2:1 (MAXIMUM)	1.06:1	✓
4	TYPICAL OUTPUT VOLTAGE @ -80 dBm TO 0 dBm: **(SEE TRANSFER FUNCTION)	200 mV TO 2V (NOMINAL)	202 mV 2022mV	✓
5	ACCURACY: (OVER TEMERATURE, FREQUENCY AND DYNAMIC RANGE)	E** ± 22.5 Mv (FOR ANY INPUT IN THE SIGNAL RANGE)	±22 mV	✓
6	RISE TIME: (ANY AMPLITUDE OF SIGNAL RANGE)	117 nsec. (MAXIMUM)	73 nS	✓
7	FALL TIME: (TO FALL FROM 2V TO 0.2V FOR AN INPUT PULSE WITH AN AMPLITUDE OF 0 dBm)	491 nsec. (MAXIMUM)	200 nS	✓
8	DC POWER @ +15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	70 mA	✓
9	DC POWER @ -15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	37 mA	✓

** E = TRANSFER FUNCTION: $E = 22.4*P_{in} +200$
WHERE P_{in} IS THE INPUT POWER IN dB ABOVE -80 dBm AND E IS THE OUTPUT VOLTAGE IN mV

PRODUCTION MANAGER APPROVAL: DATED:

QA / QC APPROVAL: DATED:

10/27/05

SDLVA-61F-80
LOG TRANSFER WITH TEMPERATURE @ 61.25 MHz

TESTED BY: H. Hahn
DATE: OCTOBER 24, 2005

SERIAL #: PM239

PLANAR MONOLITHIC INDUSTRIES

-35 DEG.

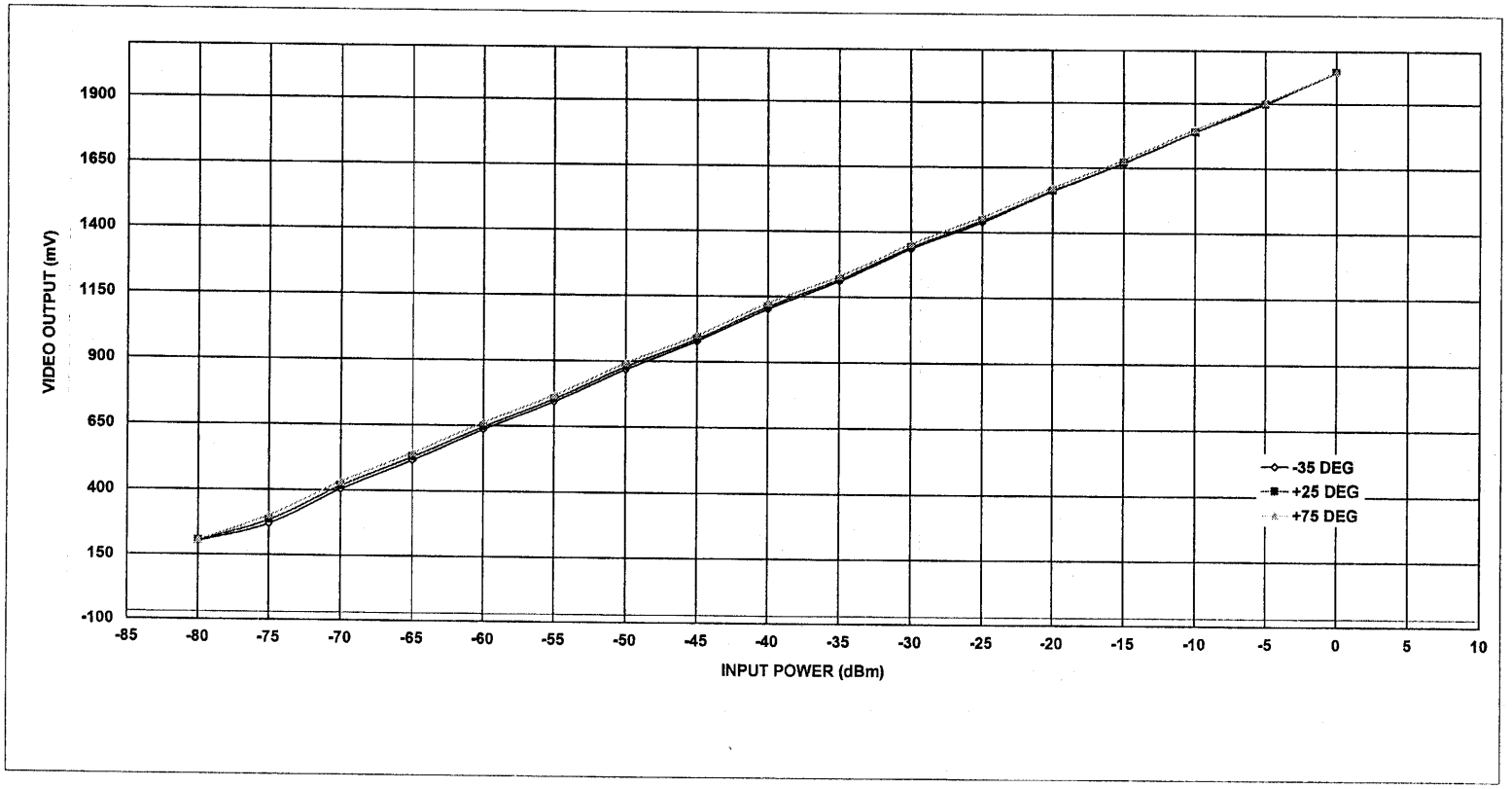
		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0			Rf Input power (dbm)
FREQUENCY	61.25 MHz	202	271	404	516	636	745	869	977	1102	1209	1335	1439	1560	1670	1790	1903	2021			Measured Values (mv)
SLOPE	23.8 mv/db	27	-19	-2	-6	0	-6	2	-5	5	-3	8	-4	2	-3	2	0	2			Error (mv)
INTERCEPT	2019 mv																				

+25 DEG

FREQUENCY	61.25 MHz	206	285	417	528	647	756	880	986	1111	1217	1341	1446	1562	1671	1780	1898	2020			Measured Values (mv)
SLOPE	22.9 mv/db	17	-18	-1	-4	1	-5	5	-3	7	-1	9	-1	1	-4	1	-6	2			Error (mv)
INTERCEPT	2018 mv																				

+75 DEG.

FREQUENCY	61.25 MHz	208	303	433	543	663	770	894	1000	1125	1230	1354	1460	1574	1681	1800	1906	2022			Measured Values (mv)
SLOPE	22.6 mv/db	4	-15	1	-3	3	-4	6	-2	9	0	11	3	3	-4	1	-8	-5			Error (mv)
INTERCEPT	2027 mv																				



SDLVA-61F-80
LOG TRANSFER OVER FREQUENCY @ 25 DEG.

TESTED BY: H. Hahn
DATE: OCTOBER 24, 2005

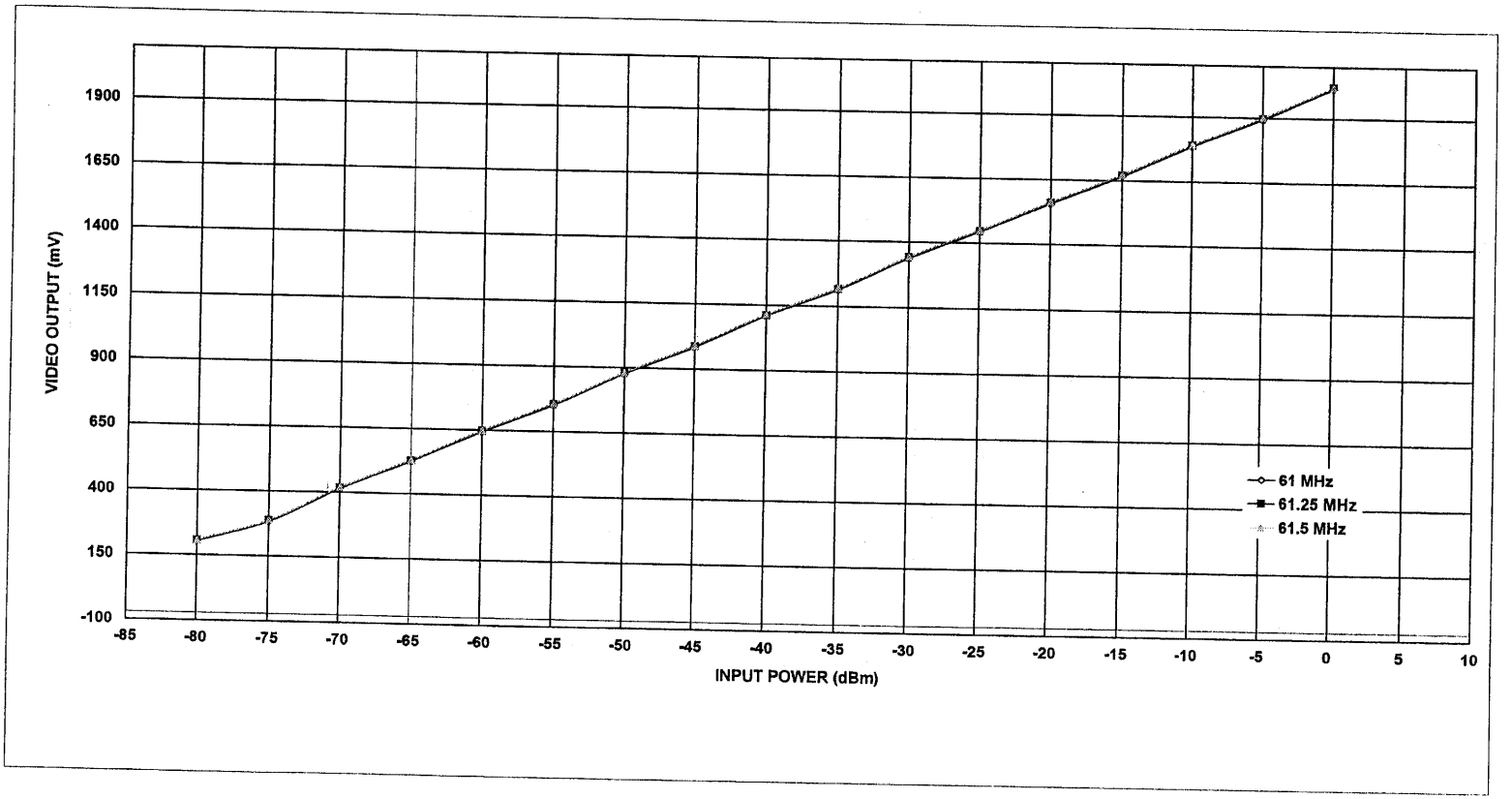
SERIAL #: PM239

PLANAR
MONOLITHIC
INDUSTRIES

		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
FREQUENCY	61 MHz	204	282	414	525	644	763	877	983	1109	1214	1338	1443	1559	1667	1786	1894	2015	Measured Values (mv)
SLOPE	22.8 mv/db	17	-19	-1	-4	0	-5	5	-3	9	-1	9	0	1	-4	0	-6	1	Error (mv)
INTERCEPT	2014 mv																		

		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
FREQUENCY	61.25 MHz	206	285	417	528	647	756	880	986	1111	1217	1341	1446	1562	1671	1790	1898	2020	Measured Values (mv)
SLOPE	22.8 mv/db	17	-18	-1	-4	1	-5	5	-3	7	-1	9	-1	1	-4	1	-6	2	Error (mv)
INTERCEPT	2015 mv																		

		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
FREQUENCY	61.5 MHz	207	287	420	530	650	769	882	989	1114	1220	1344	1449	1566	1674	1793	1902	2022	Measured Values (mv)
SLOPE	22.8 mv/db	16	-19	0	-4	1	-4	4	-3	8	-1	9	0	1	-4	0	-6	1	Error (mv)
INTERCEPT	2021 mv																		



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EMAIL: SALES@PLANARMONOLITHICS.COM

SUMMARY TEST DATA ON
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA)

CUSTOMER:		JOB NO:	P506027NX
MODEL NO:	SDLVA-61F-80	TESTED BY:	H. Hahn
OPTION NO:	5829387-002, TBRK	TEMPERATURE:	-35°C TO +75°C
SERIAL NO:	PM509240	DATE:	10/24/05

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE:	61.25 MHz ± 250 KHz	61.25 MHz ± 250 KHz	✓
2	DYNAMIC RANGE:	-80 dBm TO 0 dBm	-80 dBm TO 0 dBm	✓
3	INPUT VSWR:	1.2:1 (MAXIMUM)	1.20:1	✓
4	TYPICAL OUTPUT VOLTAGE @ -80 dBm TO 0 dBm: **(SEE TRANSFER FUNCTION)	200 mV TO 2V (NOMINAL)	197 mV 2022mV	✓
5	ACCURACY: (OVER TEMERATURE, FREQUENCY AND DYNAMIC RANGE)	E** ± 22.5 Mv (FOR ANY INPUT IN THE SIGNAL RANGE)	±22 mV	✓
6	RISE TIME: (ANY AMPLITUDE OF SIGNAL RANGE)	117 nsec. (MAXIMUM)	70 nS	✓
7	FALL TIME: (TO FALL FROM 2V TO 0.2V FOR AN INPUT PULSE WITH AN AMPLITUDE OF 0 dBm)	491 nsec. (MAXIMUM)	180 nS	✓
8	DC POWER @ +15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	70 mA	✓
9	DC POWER @ -15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	37 mA	✓

** E = TRANSFER FUNCTION: $E = 22.4*P_{in} + 200$
WHERE P_{in} IS THE INPUT POWER IN dB ABOVE -80 dBm AND E IS THE OUTPUT VOLTAGE IN mV

PRODUCTION MANAGER APPROVAL: DATED:

QA / QC APPROVAL: DATED: 10/27/05

SDLVA-61F-80
LOG TRANSFER WITH TEMPERATURE @ 61.25 MHz

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

SERIAL #: PM240

PLANAR
MONOLITHIC
INDUSTRIES

-35 DEG.

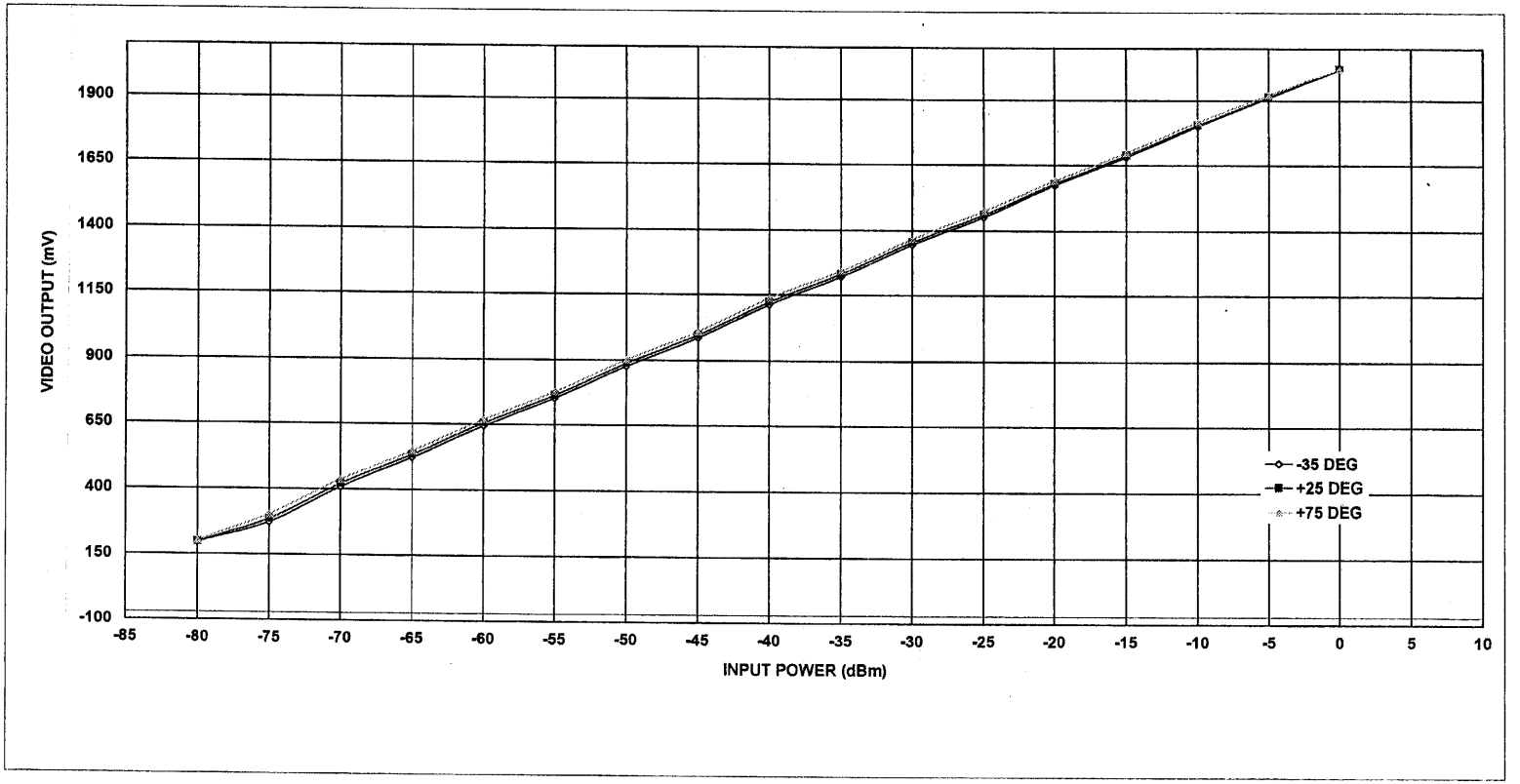
		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0			Rf input power (dbm)
FREQUENCY	61.25 MHz	197	273	408	522	644	754	878	987	1113	1220	1346	1452	1573	1682	1801	1912	2019			Measured Values (mv)
SLOPE	23.1 mv/db	17	-22	-3	-5	2	-4	5	-2	8	0	10	0	6	-1	2	-2	-11			Error (mv)
INTERCEPT	2030 mv																				

+25 DEG

FREQUENCY	61.25 MHz	199	287	421	534	656	765	890	998	1124	1231	1356	1462	1578	1688	1806	1914	2020			Measured Values (mv)
SLOPE	23.0 mv/db	7	-20	-2	-4	3	-3	7	0	10	2	12	3	5	-1	2	-6	-15			Error (mv)
INTERCEPT	2035 mv																				

+75 DEG.

FREQUENCY	61.25 MHz	203	304	436	548	670	779	904	1011	1138	1244	1368	1476	1593	1699	1816	1923	2022			Measured Values (mv)
SLOPE	23.0 mv/db	-4	-17	0	-3	4	-2	8	0	12	4	14	6	6	-1	3	-7	-23			Error (mv)
INTERCEPT	2045 mv																				



SDLVA-61F-80
LOG TRANSFER OVER FREQUENCY @ 25 DEG.

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

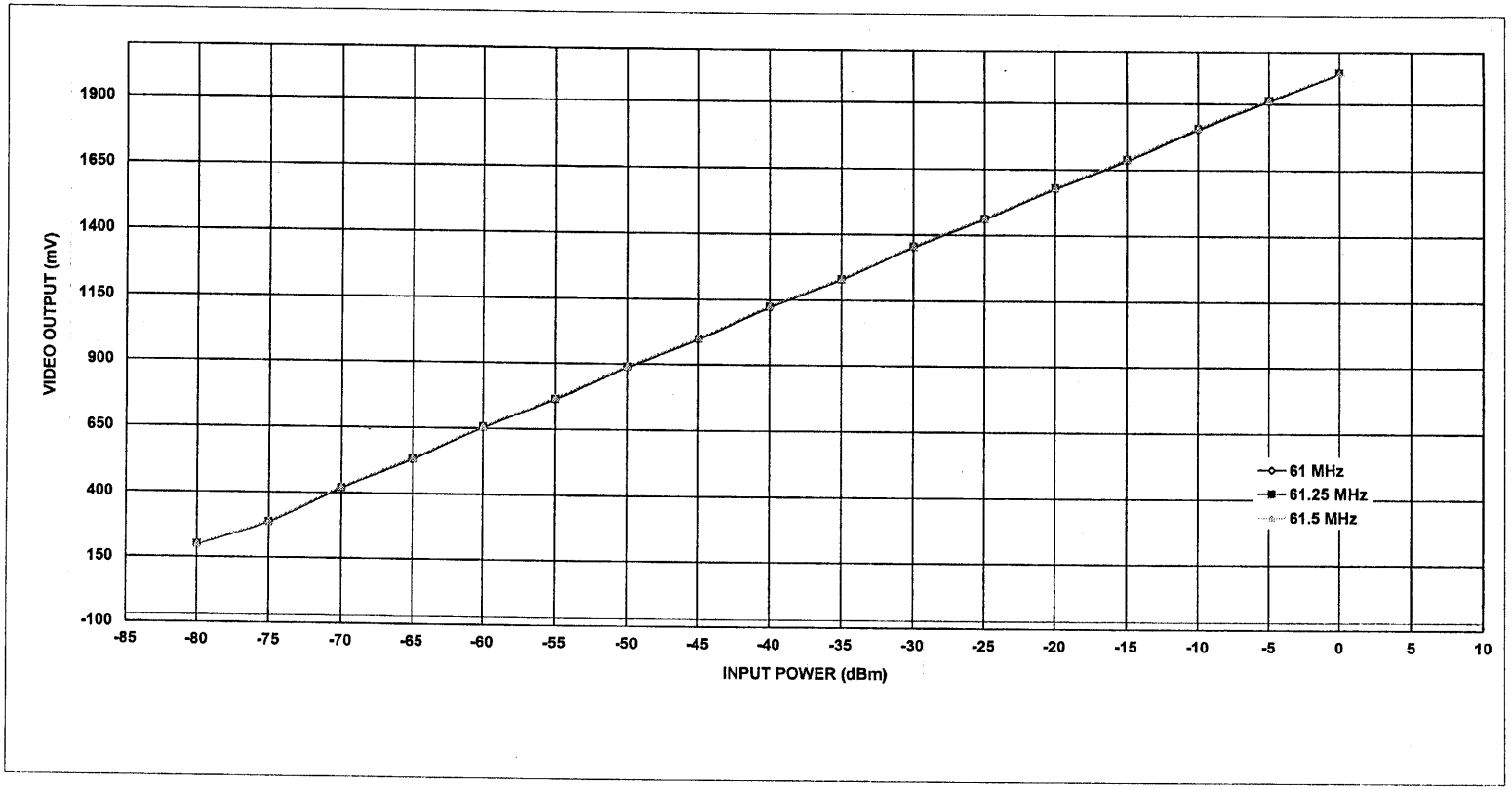
SERIAL #: PM240

PLANAR
MONOLITHIC
INDUSTRIES

	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0		Rf input power (dbm)
FREQUENCY 61 MHz	197	285	418	532	654	763	887	995	1121	1228	1353	1459	1575	1684	1802	1910	2018		Measured Values (mv)
SLOPE 23.0 mv/db	7	-20	-2	-3	4	-2	6	-1	10	2	12	3	4	-2	1	-6	-13		Error (mv)
INTERCEPT 2031 mv																			

FREQUENCY 61.25MHz	199	287	421	534	656	765	890	998	1124	1231	1356	1462	1579	1688	1808	1914	2020		Measured Values (mv)
SLOPE 23.0 mv/db	7	-20	-2	-4	3	-3	7	0	10	2	12	3	5	-1	2	-6	-15		Error (mv)
INTERCEPT 2025 mv																			

FREQUENCY 61.5 MHz	200	290	424	536	659	769	893	1001	1127	1234	1359	1466	1582	1691	1809	1917	2021		Measured Values (mv)
SLOPE 23.0 mv/db	5	-20	-2	-3	3	-2	7	0	11	2	12	3	5	-1	2	-5	-17		Error (mv)
INTERCEPT 2035 mv																			



FORM: 399-SD-DTA

PLANAR MONOLITHICS INDUSTRIES
7311-G GROVE ROAD, FREDERICK, MD 21704
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SUMMARY TEST DATA ON
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA)

CUSTOMER: ----
MODEL NO: SDLVA-61F-80
OPTION NO: 5829387-002, TBRK
SERIAL NO: PM509241

JOB NO: P506027NX
TESTED BY: H. Hahn
TEMPERATURE: -35°C TO +75°C
DATE: 10/24/05

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE:	61.25 MHz ± 250 KHz	61.25 MHz ± 250 KHz	✓
2	DYNAMIC RANGE:	-80 dBm TO 0 dBm	-80 dBm TO 0 dBm	✓
3	INPUT VSWR:	1.2:1 (MAXIMUM)	1.04:1	✓
4	TYPICAL OUTPUT VOLTAGE @ -80 dBm TO 0 dBm: **(SEE TRANSFER FUNCTION)	200 mV TO 2V (NOMINAL)	206 mV 2022mV	✓
5	ACCURACY: (OVER TEMERATURE, FREQUENCY AND DYNAMIC RANGE)	E** ± 22.5 Mv (FOR ANY INPUT IN THE SIGNAL RANGE)	±22 mV	✓
6	RISE TIME: (ANY AMPLITUDE OF SIGNAL RANGE)	117 nsec. (MAXIMUM)	73 nS	✓
7	FALL TIME: (TO FALL FROM 2V TO 0.2V FOR AN INPUT PULSE WITH AN AMPLITUDE OF 0 dBm)	491 nsec. (MAXIMUM)	380 nS	✓
8	DC POWER @ +15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	70 mA	✓
9	DC POWER @ -15 V ± 1V	100 mA PER CHANNEL (MAXIMUM)	37 mA	✓

** E = TRANSFER FUNCTION: $E = 22.4*P_{in} +200$
WHERE P_{in} IS THE INPUT POWER IN dB ABOVE -80 dBm AND E IS THE OUTPUT VOLTAGE IN mV

PRODUCTION MANAGER APPROVAL: DATED:

QA / QC APPROVAL: DATED: 10/27/05

SDLVA-61F-80
LOG TRANSFER WITH TEMPERATURE @ 61.25 MHz

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

SERIAL #: PM241

PLANAR MONOLITHIC INDUSTRIES

-35 DEG.

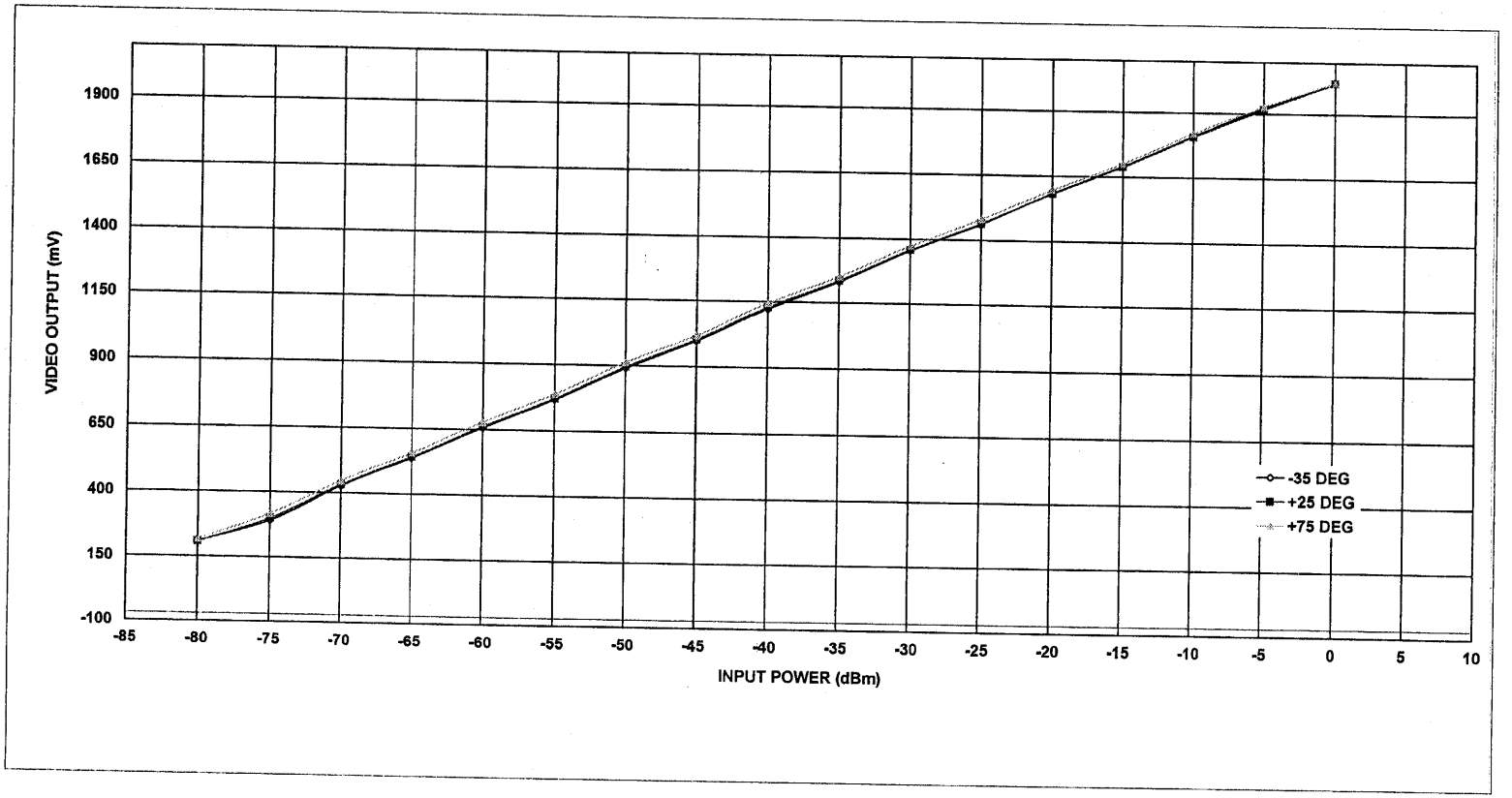
		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0			Rf input power (dbm)
FREQUENCY	61.25 MHz	208	291	427	539	659	768	891	999	1123	1229	1356	1461	1583	1692	1812	1923	2020			Measured Values (mv)
SLOPE	23.0 mv/db	12	-21	0	-3	2	-4	4	-3	6	-3	9	-1	6	0	5	1	-17			Error (mv)
INTERCEPT	2037 mv																				

+25 DEG

FREQUENCY	61.25 MHz	208	299	431	542	664	772	897	1003	1128	1234	1368	1464	1681	1690	1809	1916	2018			Measured Values (mv)
SLOPE	23.0 mv/db	5	-18	-1	-4	3	-3	7	-1	9	1	10	2	5	-1	4	-4	-16			Error (mv)
INTERCEPT	2037 mv																				

+75 DEG.

FREQUENCY	61.25 MHz	216	318	447	558	680	786	913	1019	1144	1250	1374	1480	1595	1705	1823	1928	2022			Measured Values (mv)
SLOPE	23.0 mv/db	-3	-16	-1	-4	4	-2	9	0	11	3	13	5	6	-1	5	-4	-24			Error (mv)
INTERCEPT	2048 mv																				



SDLVA-61F-80
LOG TRANSFER OVER FREQUENCY @ 25 DEG.

TESTED BY: H. HAHN
DATE: OCTOBER 24, 2005

SERIAL #: PM241

PLANAR MONOLITHIC INDUSTRIES

		-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0			Rf input power (dbm)
FREQUENCY	61 MHz			206	296	428	540	662	770	894	1000	1126	1232	1356	1462	1578	1687	1806	1913	2017	Measured Values (mv)
SLOPE	223 mv/dB			6	-19	-1	-4	4	-3	7	-2	10	1	11	3	4	-1	3	-4	-15	Error (mv)
INTERCEPT	2037 mv																				

FREQUENCY	61.25 MHz			208	299	431	542	664	772	897	1003	1128	1234	1358	1464	1581	1690	1809	1916	2019	Measured Values (mv)
SLOPE	224 mv/dB			5	-18	-1	-4	3	-3	7	-1	9	1	10	2	5	-1	4	-4	-16	Error (mv)
INTERCEPT	2034 mv																				

FREQUENCY	61.5 MHz			211	306	438	550	671	779	904	1010	1135	1241	1366	1471	1589	1698	1817	1925	2021	Measured Values (mv)
SLOPE	225 mv/dB			2	-18	0	-3	4	-3	6	-1	10	1	12	2	5	0	4	-2	-21	Error (mv)
INTERCEPT	2042 mv