

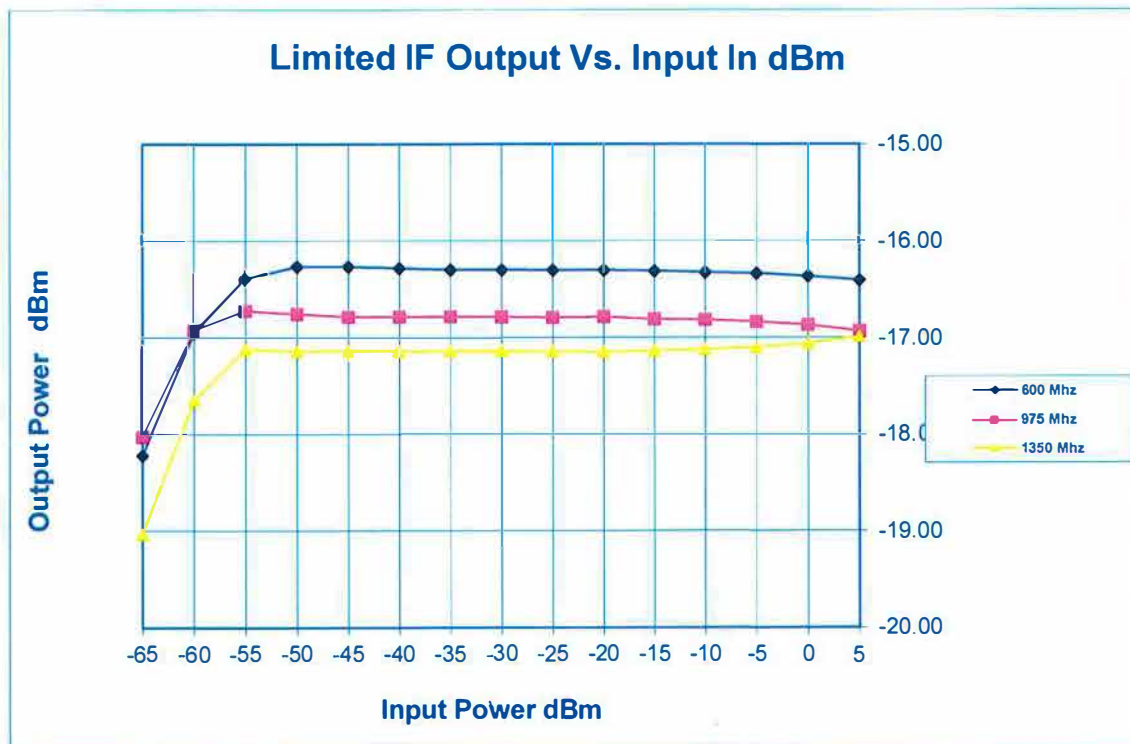


PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE RD. FREDERICK, MD 21704
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
 EMAIL: SALES@PMI-RF.COM
 ISO 9001 CERTIFIED

LIMITED OUTPUT WITH FREQUENCY AND POWER

Customer: _____ Date: 1/3/2017
 Job No: SO16-103-P-P (Line 001) Technician: E. Kretz
 Part No: _____ Temperature: 25°C
 Model No: SLVAC-06135M-MA08 Drawing No: 27609103 (REV A2)
 Serial No: PL20349/1701

Input Power dBm	FREQUENCY		
	600 Mhz	975 Mhz	1350 Mhz
5	-16.41	-16.93	-16.99
0	-16.36	-16.86	-17.06
-5	-16.34	-16.83	-17.10
-10	-16.33	-16.81	-17.11
-15	-16.31	-16.80	-17.13
-20	-16.30	-16.78	-17.14
-25	-16.30	-16.79	-17.14
-30	-16.30	-16.78	-17.14
-35	-16.30	-16.78	-17.14
-40	-16.28	-16.78	-17.14
-45	-16.27	-16.78	-17.14
-50	-16.27	-16.75	-17.14
-55	-16.39	-16.72	-17.12
-60	-16.95	-16.92	-17.64
-65	-18.22	-18.02	-19.03



QA/QC

[Signature]

PMI
QA 2

DATE 1/25/17



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Linearity Error (-65 TO +5 dBm)
 ±0.6 dB

Linearity Error (-65 TO +5 dBm)
 ±0.7 dB

Linearity Error (-65 TO +5 dBm)
 ±1.1 dB

S/N: PL20349/1701
 + 25° C

01/03/17

SDLVA SLVAC-06135M-A08-LA
 LOG TRANSFER WITH FREQUENCY

INPUT POWER (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
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FREQUENCY	800	358	486	625	745	876	1010	1125	1266	1389	1514	1657	1776	1917	2013
SLOPE	25.6	-10	-10	2	-6	-3	3	-9	4	-1	-4	11	3	16	-16
INTERCEPT	1901.1														

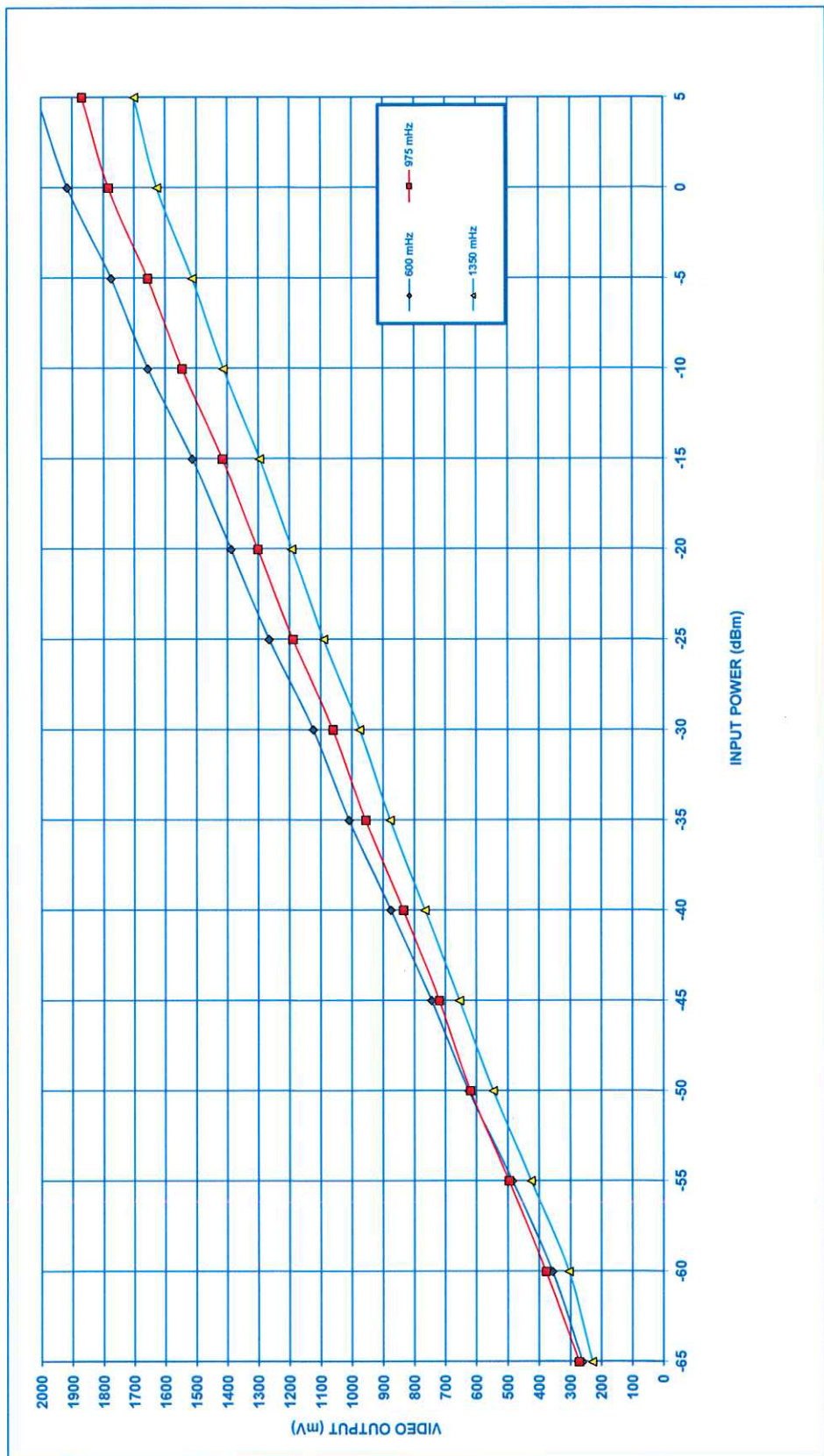
FREQUENCY	272	378	496	620	720	835	956	1061	1189	1301	1415	1545	1657	1784	1869
SLOPE	23.1	-2	1	9	-6	-7	-2	-12	0	-3	-5	10	5	17	-13
INTERCEPT	1767.1														

FREQUENCY	229	306	426	547	655	767	878	975	1092	1193	1296	1414	1514	1628	1701
SLOPE	21.5	-24	-11	3	3	7	11	1	9	3	-1	8	2	7	-27
INTERCEPT	1620.3														

FREQUENCY	800	358	486	625	745	876	1010	1125	1266	1389	1514	1657	1776	1917	2013
SLOPE	25.6	-10	-10	2	-6	-3	3	-9	4	-1	-4	11	3	16	-16
INTERCEPT	1901.1														

FREQUENCY	272	378	496	620	720	835	956	1061	1189	1301	1415	1545	1657	1784	1869
SLOPE	23.1	-2	1	9	-6	-7	-2	-12	0	-3	-5	10	5	17	-13
INTERCEPT	1767.1														

FREQUENCY	229	306	426	547	655	767	878	975	1092	1193	1296	1414	1514	1628	1701
SLOPE	21.5	-24	-11	3	3	7	11	1	9	3	-1	8	2	7	-27
INTERCEPT	1620.3														



TEST TECH:
E. Kretz

DATE:
1/3/2017

SERIAL NO:
PL20349/1701



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	Frequency	600
600	-65	-18.9175424	0.2611	261	600	±0.5 dB
600	-60	-17.6538468	0.358	358	600	±0.5 dB
600	-55	-17.0934804	0.486	486	600	±0.5 dB
600	-50	-16.9655972	0.6252	625	600	±0.5 dB
600	-45	-16.9675577	0.7453	745	600	±0.5 dB
600	-40	-16.9839435	0.8758	876	600	±0.5 dB
600	-35	-16.995815	1.0099	1010	600	±0.5 dB
600	-30	-17.0007779	1.1252	1125	600	±0.5 dB
600	-25	-17.0034866	1.2658	1266	600	±0.5 dB
600	-20	-17.0031872	1.3888	1389	600	±0.5 dB
600	-15	-17.0103255	1.5135	1514	600	±0.5 dB
600	-10	-17.0263073	1.6568	1657	600	±0.5 dB
600	-5	-17.0377997	1.7759	1776	600	±0.5 dB
600	0	-17.0643878	1.9168	1917	600	±0.5 dB
600	5	-17.1069827	2.0128	2013	600	±0.5 dB
975	-65	-18.7248872	0.2717	272	975	±1.1 dB
975	-60	-17.6208291	0.3779	378	975	±1.1 dB
975	-55	-17.4181656	0.4962	496	975	±1.1 dB
975	-50	-17.4524745	0.6198	620	975	±1.1 dB
975	-45	-17.4813134	0.7201	720	975	±1.1 dB
975	-40	-17.4822432	0.8353	835	975	±1.1 dB
975	-35	-17.4809413	0.956	956	975	±1.1 dB
975	-30	-17.4838301	1.0614	1061	975	±1.1 dB
975	-25	-17.4880713	1.1892	1189	975	±1.1 dB
975	-20	-17.4826159	1.3012	1301	975	±1.1 dB
975	-15	-17.5017035	1.4154	1415	975	±1.1 dB
975	-10	-17.507488	1.5455	1545	975	±1.1 dB
975	-5	-17.5313352	1.6569	1657	975	±1.1 dB
975	0	-17.5641071	1.7839	1784	975	±1.1 dB
975	5	-17.6260181	1.8693	1869	975	±1.1 dB
1350	-65	-19.7302515	0.2294	229	1350	±1.1 dB
1350	-60	-18.3445837	0.3055	306	1350	±1.1 dB
1350	-55	-17.8202074	0.426	426	1350	±1.1 dB
1350	-50	-17.8415904	0.5471	547	1350	±1.1 dB
1350	-45	-17.8367748	0.6551	655	1350	±1.1 dB
1350	-40	-17.8416266	0.7666	767	1350	±1.1 dB
1350	-35	-17.8393497	0.8783	878	1350	±1.1 dB
1350	-30	-17.8371956	0.9753	975	1350	±1.1 dB
1350	-25	-17.8417585	1.0917	1092	1350	±1.1 dB
1350	-20	-17.8430804	1.1929	1193	1350	±1.1 dB
1350	-15	-17.8318146	1.2962	1296	1350	±1.1 dB
1350	-10	-17.8145316	1.4136	1414	1350	±1.1 dB
1350	-5	-17.7979372	1.5143	1514	1350	±1.1 dB
1350	0	-17.7554257	1.6277	1628	1350	±1.1 dB
1350	5	-17.6857523	1.7009	1701	1350	±1.1 dB