

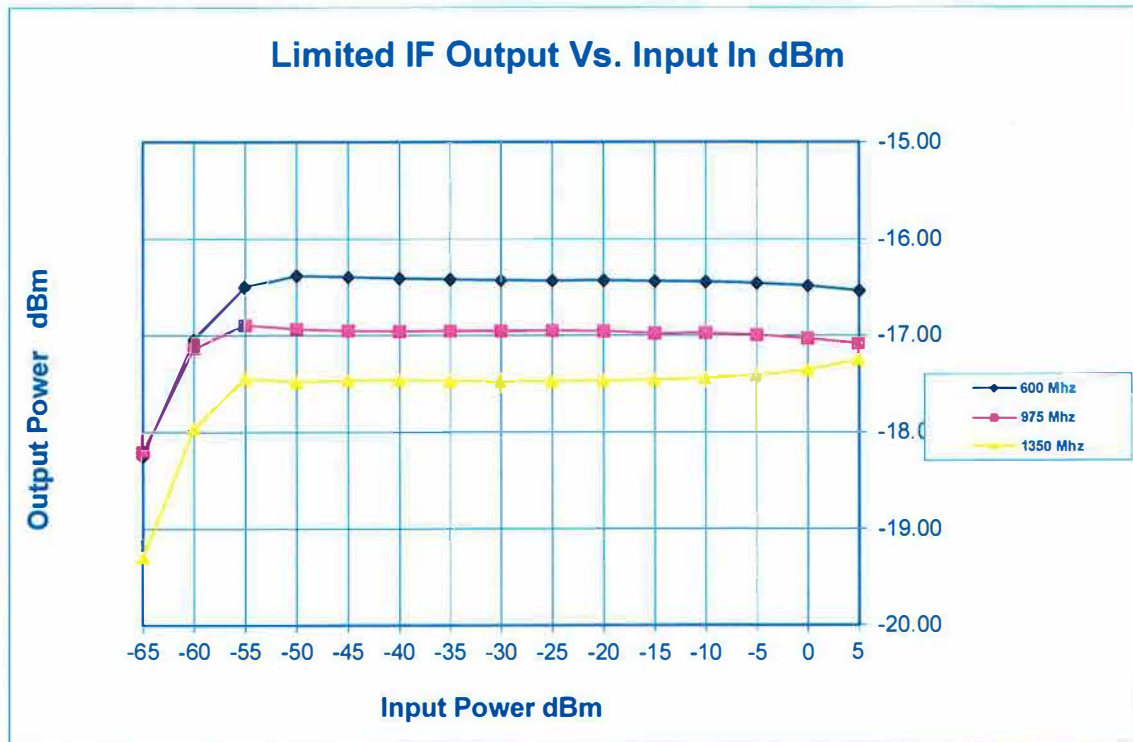


PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE RD. FREDERICK, MD 21704
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
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 ISO 9001 CERTIFIED

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: PL20348/1701

Input Power dBm	FREQUENCY		
	600 MHz	975 Mhz	1350 Mhz
5	-16.53	-17.08	-17.25
0	-16.48	-17.03	-17.35
-5	-16.45	-16.99	-17.41
-10	-16.44	-16.97	-17.44
-15	-16.44	-16.97	-17.46
-20	-16.43	-16.95	-17.46
-25	-16.43	-16.95	-17.47
-30	-16.43	-16.95	-17.47
-35	-16.42	-16.95	-17.47
-40	-16.41	-16.96	-17.46
-45	-16.39	-16.95	-17.46
-50	-16.38	-16.93	-17.48
-55	-16.50	-16.89	-17.45
-60	-17.04	-17.13	-17.96
-65	-18.25	-18.20	-19.29



QA/QC *[Signature]*

PMI
QA 2

DATE 1/25/17



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

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

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

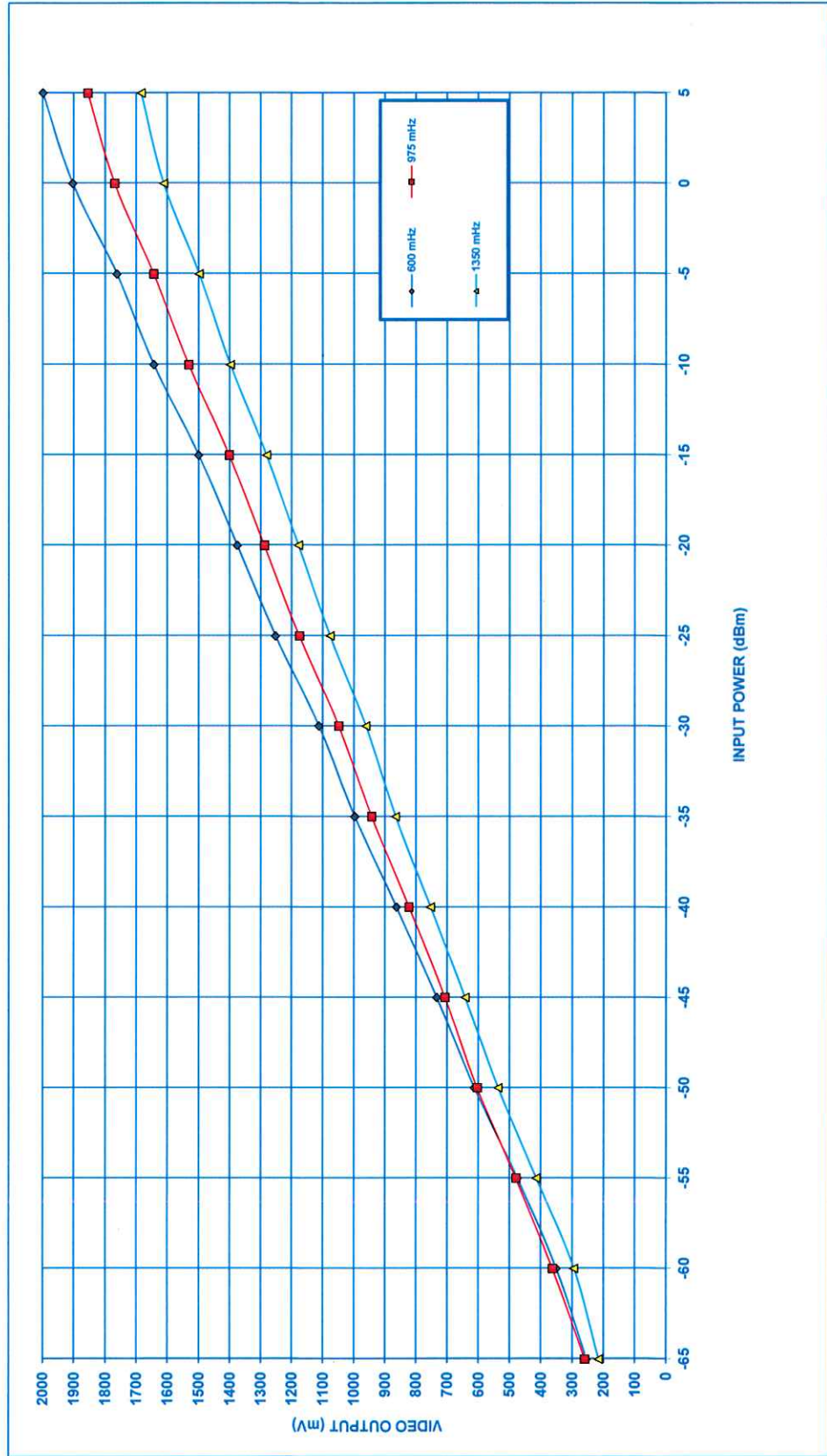
SDLVA SLVAC-06135M-A08-LA SIN: PL20348/1701
 LOG TRANSFER WITH FREQUENCY 01/03/17 +25° C

INPUT POWER (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
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FREQUENCY	255	351	475	613	734	863	998	1113	1253	1377	1501	1644	1763	1904	1999
SLOPE	24	-7	-11	0	-7	-5	2	-10	2	-1	-4	12	3	17	-15
INTERCEPT	1887.3														

FREQUENCY	260	363	480	604	707	822	943	1048	1176	1288	1402	1532	1643	1770	1855
SLOPE	10	-3	-2	7	-5	-6	-1	-11	0	-3	-4	10	6	16	-14
INTERCEPT	1753.5														

FREQUENCY	217	295	415	537	644	754	866	962	1078	1179	1282	1399	1499	1612	1684
SLOPE	6	-23	-10	5	4	7	11	1	9	3	-1	8	2	7	-28
INTERCEPT	1604.9														



TEST TECH:
E. Kretz

DATE:
1/3/2017

SERIAL NO:
PL20348/1701



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	Frequency	600
600	-65	-18.9468872	0.2549	255	600	±0.5 dB
600	-60	-17.7415565	0.3513	351	600	
600	-55	-17.200575	0.4753	475	600	±0.5 dB
600	-50	-17.0801683	0.6133	613	600	
600	-45	-17.094236	0.7338	734	600	
600	-40	-17.1085896	0.8632	863	600	±1.1 dB
600	-35	-17.1167878	0.9979	998	600	
600	-30	-17.1259946	1.1129	1113	600	
600	-25	-17.1311471	1.2527	1253	600	
600	-20	-17.1265603	1.3765	1377	600	
600	-15	-17.1355658	1.5009	1501	600	
600	-10	-17.1412748	1.644	1644	600	
600	-5	-17.1538705	1.7633	1763	600	
600	0	-17.1829019	1.9038	1904	600	
600	5	-17.2334791	1.9993	1999	600	
975	-65	-18.8960862	0.26	260	975	
975	-60	-17.8254556	0.3628	363	975	
975	-55	-17.5885615	0.4796	480	975	
975	-50	-17.6304568	0.6041	604	975	
975	-45	-17.646226	0.7072	707	975	
975	-40	-17.6552074	0.8219	822	975	
975	-35	-17.6494503	0.9431	943	975	
975	-30	-17.6497323	1.0484	1048	975	
975	-25	-17.6462467	1.1756	1176	975	
975	-20	-17.6506337	1.2882	1288	975	
975	-15	-17.6721936	1.402	1402	975	
975	-10	-17.6668248	1.5317	1532	975	
975	-5	-17.6920429	1.6434	1643	975	
975	0	-17.7293669	1.7698	1770	975	
975	5	-17.7828679	1.8547	1855	975	
1350	-65	-19.9897041	0.2169	217	1350	
1350	-60	-18.8615134	0.295	295	1350	
1350	-55	-18.1451989	0.4152	415	1350	
1350	-50	-18.1793917	0.5373	537	1350	
1350	-45	-18.1641232	0.6436	644	1350	
1350	-40	-18.1601941	0.7537	754	1350	
1350	-35	-18.1688247	0.8658	866	1350	
1350	-30	-18.1689115	0.9622	962	1350	
1350	-25	-18.1695835	1.0777	1078	1350	
1350	-20	-18.1613929	1.1793	1179	1350	
1350	-15	-18.1552937	1.282	1282	1350	
1350	-10	-18.1373629	1.3989	1399	1350	
1350	-5	-18.109446	1.4994	1499	1350	
1350	0	-18.0539166	1.612	1612	1350	
1350	5	-17.9510933	1.6845	1684	1350	