

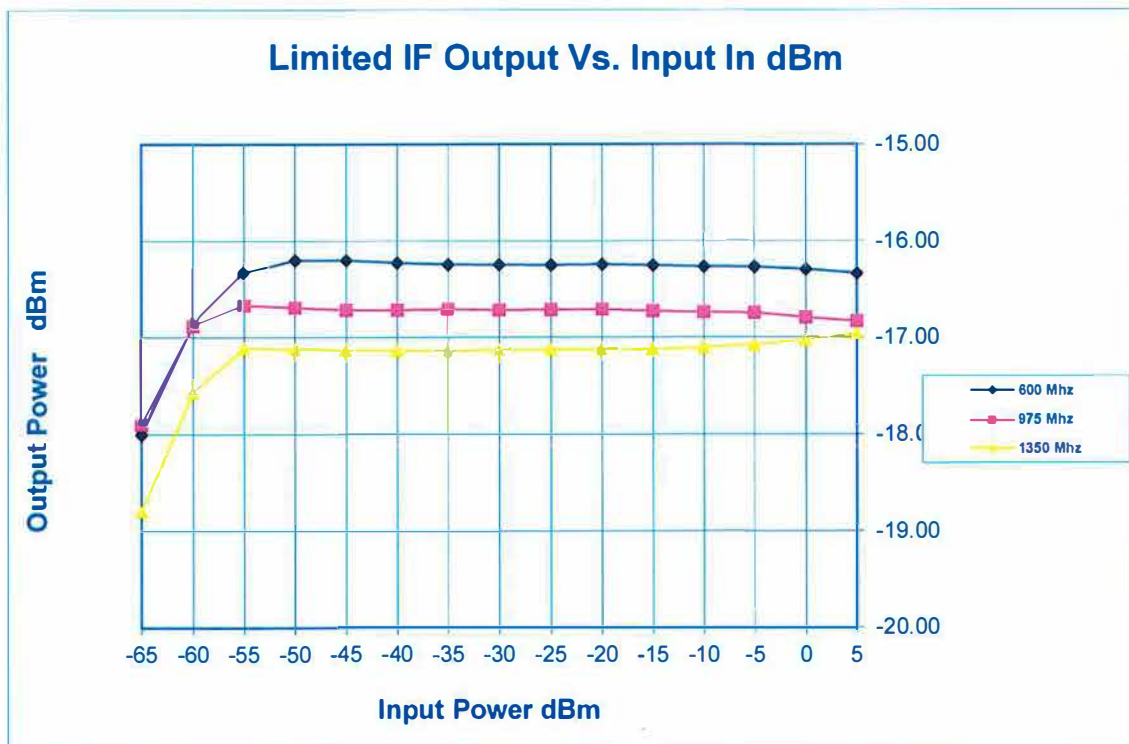


PLANAR MONOLITHICS INDUSTRIES
 7311-F GROVE RD. FREDERICK, MD 21704
 TEL: 301-662-5019 FAX: 301-662-1731
 URL: WWW.PMI-RF.COM
 EMAIL: SALES@PMI-RF.COM
 ISO 9001 CERTIFIED

LIMITED OUTPUT WITH FREQUENCY AND POWER

Customer: _____ Date: 1/4/2017
 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: PL20353/1701

Input Power dBm	FREQUENCY		
	600 Mhz	975 Mhz	1350 Mhz
5	-16.34	-16.83	-16.96
0	-16.29	-16.79	-17.03
-5	-16.27	-16.74	-17.07
-10	-16.27	-16.73	-17.10
-15	-16.25	-16.72	-17.12
-20	-16.24	-16.70	-17.12
-25	-16.25	-16.71	-17.12
-30	-16.25	-16.71	-17.12
-35	-16.24	-16.70	-17.13
-40	-16.23	-16.71	-17.13
-45	-16.20	-16.71	-17.13
-50	-16.20	-16.69	-17.12
-55	-16.34	-16.66	-17.11
-60	-16.86	-16.88	-17.56
-65	-18.00	-17.90	-18.79



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 dB

SIN: PL20353/1701
 +25° C

01/04/17

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

-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
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247	344	470	608	728	859	993	1108	1248	1371	1496	1639	1758	1898	1994
22	-9	-10	1	-6	-4	3	-9	3	-1	-4	11	3	16	-16

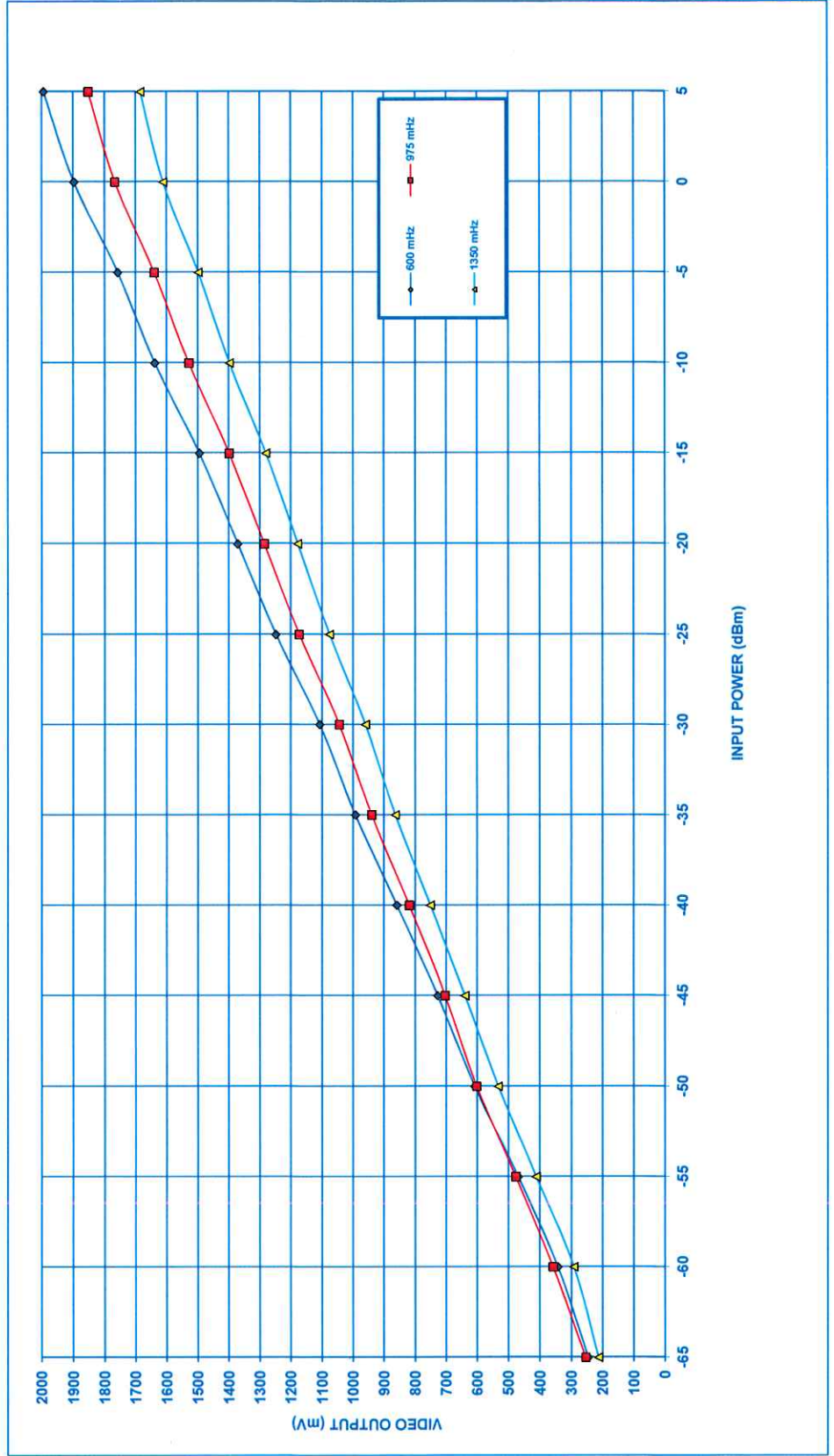
254	358	477	602	704	819	940	1045	1173	1285	1399	1529	1640	1767	1852
9	-3	-1	9	-5	-6	-1	-11	1	-3	-5	10	5	16	-14

214	293	412	533	641	752	864	961	1077	1178	1281	1398	1499	1612	1685
7	-22	-10	3	3	7	11	1	9	3	-1	8	2	7	-27

INPUT POWER (dBm)	
FREQUENCY	600 mHz
SLOPE	25.5 mV/dB
INTERCEPT	1682.5 mV

FREQUENCY		975 mHz
SLOPE	23.1 mV/dB	
INTERCEPT	1750.6 mV	

FREQUENCY		1350 mHz
SLOPE	21.5 mV/dB	
INTERCEPT	1604.8 mV	



TEST TECH:
E. Kretz

DATE:
1/4/2017

SERIAL NO:
PL20353/1701



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	Frequency	600
600	-65	-18.7012041	0.247	247	-18.00	±0.5 dB
600	-60	-17.5594326	0.3438	344	-16.86	
600	-55	-17.0352946	0.4696	470	-16.34	975
600	-50	-16.9018616	0.6084	608	-16.20	±0.5 dB
600	-45	-16.9016261	0.7285	728	-16.20	
600	-40	-16.9269323	0.8587	859	-16.23	1350
600	-35	-16.9426297	0.993	993	-16.24	±1.1 dB
600	-30	-16.9466067	1.108	1108	-16.25	
600	-25	-16.9489951	1.2483	1248	-16.25	
600	-20	-16.9430862	1.3713	1371	-16.24	
600	-15	-16.9534939	1.4957	1496	-16.25	
600	-10	-16.9661101	1.6389	1639	-16.27	
600	-5	-16.9680817	1.7579	1758	-16.27	
600	0	-16.9943822	1.8983	1898	-16.29	
600	5	-17.0357264	1.9942	1994	-16.34	
975	-65	-18.597355	0.2545	254	-17.90	
975	-60	-17.5769167	0.3583	358	-16.88	
975	-55	-17.3631985	0.4767	477	-16.66	
975	-50	-17.3859991	0.6018	602	-16.69	
975	-45	-17.4114567	0.7035	704	-16.71	
975	-40	-17.4125572	0.8187	819	-16.71	
975	-35	-17.4043857	0.9398	940	-16.70	
975	-30	-17.4106543	1.045	1045	-16.71	
975	-25	-17.4096976	1.1728	1173	-16.71	
975	-20	-17.4049353	1.2847	1285	-16.70	
975	-15	-17.4181197	1.3987	1399	-16.72	
975	-10	-17.4309483	1.5286	1529	-16.73	
975	-5	-17.4369591	1.6402	1640	-16.74	
975	0	-17.4885057	1.7667	1767	-16.79	
975	5	-17.5278485	1.852	1852	-16.83	
1350	-65	-19.4947694	0.2142	214	-18.79	
1350	-60	-18.2635035	0.2927	293	-17.56	
1350	-55	-17.8066057	0.4121	412	-17.11	
1350	-50	-17.8198692	0.5329	533	-17.12	
1350	-45	-17.8268118	0.6405	641	-17.13	
1350	-40	-17.8286059	0.7518	752	-17.13	
1350	-35	-17.8314014	0.8638	864	-17.13	
1350	-30	-17.8244289	0.9605	961	-17.12	
1350	-25	-17.8192482	1.0767	1077	-17.12	
1350	-20	-17.8172922	1.1779	1178	-17.12	
1350	-15	-17.8198948	1.2811	1281	-17.12	
1350	-10	-17.7970212	1.3983	1398	-17.10	
1350	-5	-17.7692253	1.499	1499	-17.07	
1350	0	-17.7271753	1.6121	1612	-17.03	
1350	5	-17.6613608	1.6852	1685	-16.96	