

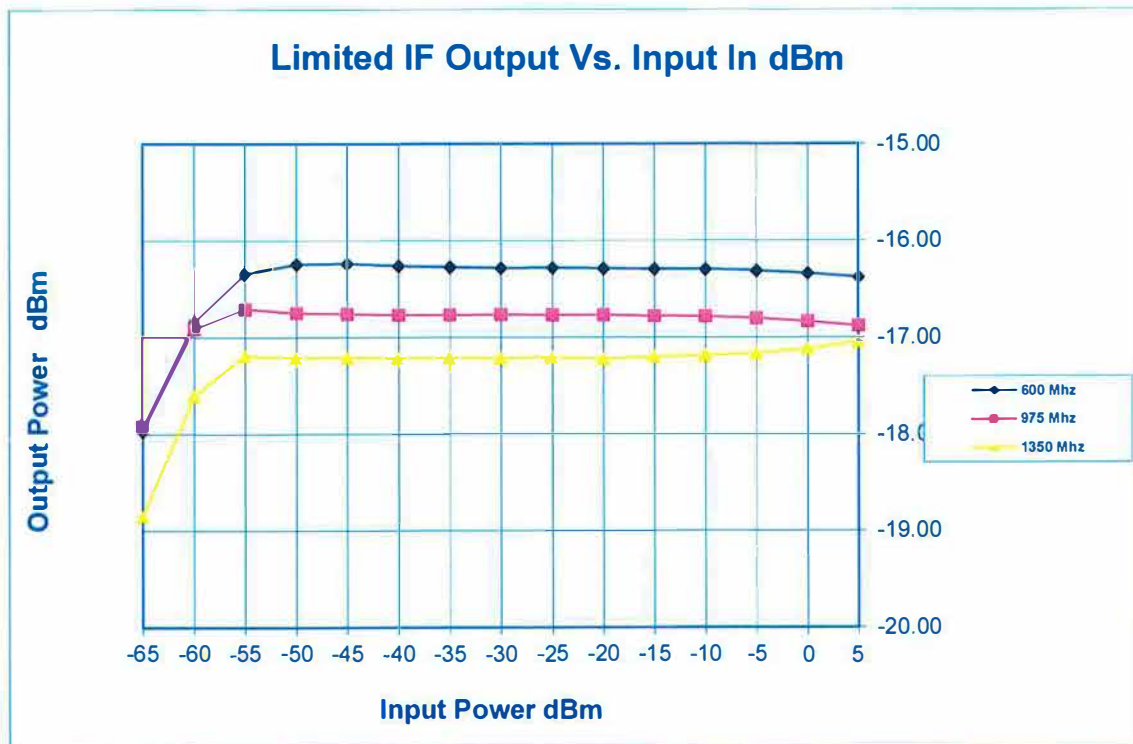


PLANAR MONOLITHICS INDUSTRIES  
 7311-F GROVE RD. FREDERICK, MD 21704  
 TEL: 301-662-6019 FAX: 301-662-1731  
 URL: WWW.PMI-RF.COM  
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 ISO 9001 CERTIFIED

**LIMITED OUTPUT WITH FREQUENCY AND POWER**

Customer: Raytheon Date: 1/4/2016  
 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: PL20350/1701

Input Power dBm	FREQUENCY		
	600 MHz	975 Mhz	1350 Mhz
5	-16.38	-16.87	-17.04
0	-16.34	-16.83	-17.12
-5	-16.31	-16.79	-17.16
-10	-16.30	-16.77	-17.18
-15	-16.29	-16.77	-17.19
-20	-16.29	-16.76	-17.22
-25	-16.28	-16.76	-17.20
-30	-16.28	-16.76	-17.21
-35	-16.27	-16.76	-17.21
-40	-16.26	-16.76	-17.21
-45	-16.24	-16.75	-17.21
-50	-16.24	-16.74	-17.21
-55	-16.34	-16.70	-17.19
-60	-16.84	-16.90	-17.60
-65	-17.97	-17.91	-18.85



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

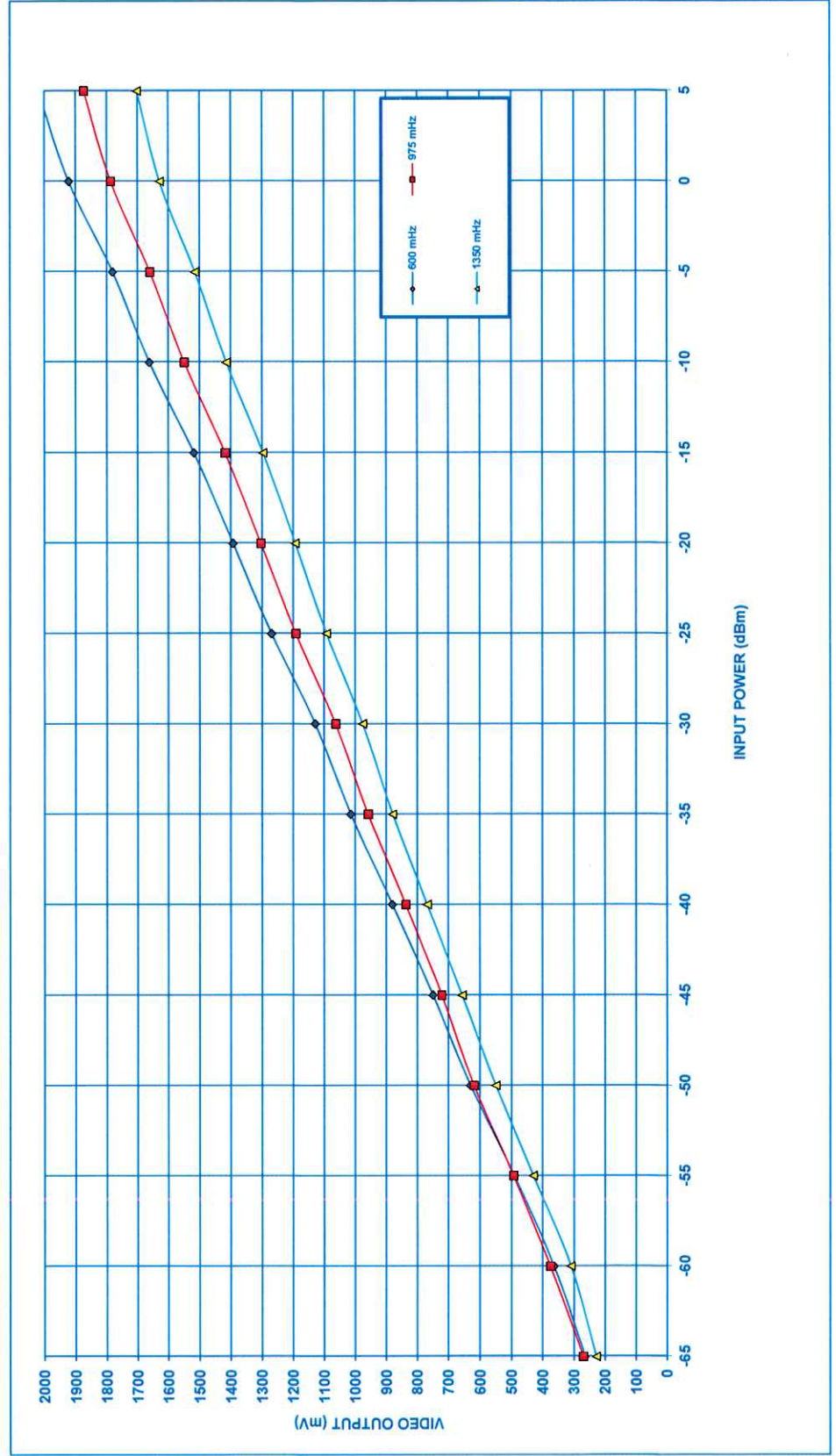
SDLVA SLVAC-06135M-A08-LA SIN: PL20350/1701  
 LOG TRANSFER WITH FREQUENCY 01/04/16 + 25° C

INPUT POWER (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
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FREQUENCY	265	364	492	631	750	881	1014	1130	1271	1394	1519	1663	1782	1923	2020
SLOPE	20	-8	-9	2	-6	-3	3	-10	3	-2	-5	11	3	16	-15
INTERCEPT	1507.0														

FREQUENCY	270	375	494	619	721	837	958	1063	1192	1304	1418	1549	1661	1788	1874
SLOPE	8	-3	-1	9	-5	-5	-1	-11	1	-3	-5	9	5	16	-14
INTERCEPT	1771.5														

FREQUENCY	229	311	430	551	657	768	880	977	1093	1194	1298	1415	1516	1629	1703
SLOPE	5	-21	-9	4	3	7	11	0	9	2	-2	8	2	7	-26
INTERCEPT	1621.9														



TEST TECH:  
E. Kretz

DATE:  
1/4/2016

SERIAL NO:  
PL20350/1701



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	Frequency	600
600	-65	-18.6687302	0.2648	265	600	±0.5 dB
600	-60	-17.5386908	0.3642	364	975	±0.5 dB
600	-55	-17.0437713	0.4916	492	1350	±1.1 dB
600	-50	-16.9424864	0.6305	631		
600	-45	-16.9375834	0.7498	750		
600	-40	-16.9616139	0.8807	881		
600	-35	-16.9715596	1.0145	1014		
600	-30	-16.9829307	1.1295	1130		
600	-25	-16.9796916	1.2706	1271		
600	-20	-16.9870708	1.3937	1394		
600	-15	-16.9905277	1.5188	1519		
600	-10	-16.9958072	1.6626	1663		
600	-5	-17.010838	1.7818	1782		
600	0	-17.0364494	1.9229	1923		
600	5	-17.0757389	2.0198	2020		
975	-65	-18.6137082	0.27	270		
975	-60	-17.6042804	0.3748	375		
975	-55	-17.39967	0.4935	494		
975	-50	-17.4414207	0.619	619		
975	-45	-17.452004	0.7211	721		
975	-40	-17.4614743	0.8372	837		
975	-35	-17.4599427	0.9578	958		
975	-30	-17.4566651	1.0633	1063		
975	-25	-17.4616244	1.1917	1192		
975	-20	-17.4628819	1.3038	1304		
975	-15	-17.4686658	1.4184	1418		
975	-10	-17.4726261	1.5488	1549		
975	-5	-17.4934558	1.6605	1661		
975	0	-17.5270854	1.7875	1788		
975	5	-17.5716708	1.8737	1874		
1350	-65	-19.5487878	0.2289	229		
1350	-60	-18.3040088	0.3106	311		
1350	-55	-17.8887262	0.4302	430		
1350	-50	-17.9093613	0.5511	551		
1350	-45	-17.9051165	0.6573	657		
1350	-40	-17.9104225	0.7684	768		
1350	-35	-17.9068196	0.88	880		
1350	-30	-17.9124185	0.9765	977		
1350	-25	-17.9001854	1.0931	1093		
1350	-20	-17.9163823	1.1943	1194		
1350	-15	-17.8938401	1.2978	1298		
1350	-10	-17.8817695	1.4154	1415		
1350	-5	-17.8601705	1.5161	1516		
1350	0	-17.8160115	1.6293	1629		
1350	5	-17.7403336	1.7032	1703		