

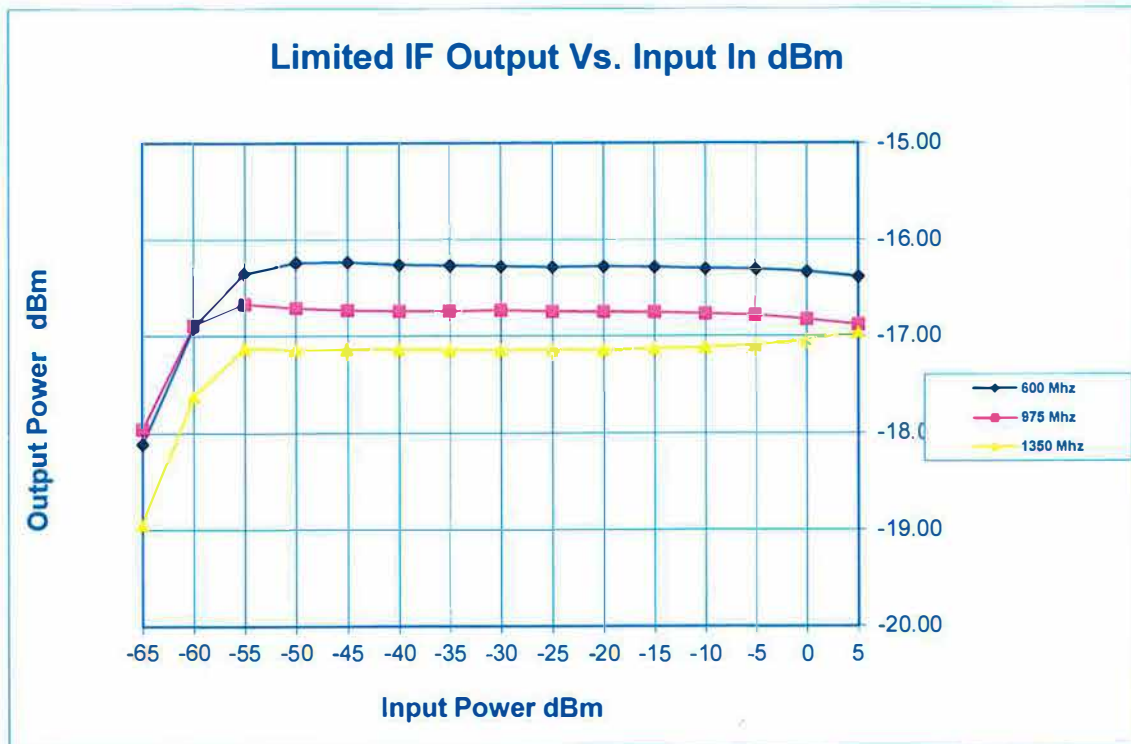


PLANAR MONOLITHICS INDUSTRIES  
 7311-F GROVE RD. FREDERICK, MD 21704  
 TEL: 301-662-5019 FAX: 301-662-1731  
 URL: WWW.PMI-RF.COM  
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 ISO 9001 CERTIFIED

**LIMITED OUTPUT WITH FREQUENCY AND POWER**

Customer: \_\_\_\_\_ Date: 1/4/2017  
 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: PL20352/1701

Input Power dBm	FREQUENCY		
	600 MHz	975 Mhz	1350 Mhz
5	-16.38	-16.88	-16.96
0	-16.33	-16.82	-17.04
-5	-16.30	-16.77	-17.08
-10	-16.30	-16.76	-17.11
-15	-16.28	-16.74	-17.12
-20	-16.28	-16.74	-17.13
-25	-16.28	-16.74	-17.13
-30	-16.28	-16.73	-17.14
-35	-16.27	-16.74	-17.14
-40	-16.26	-16.73	-17.13
-45	-16.23	-16.73	-17.13
-50	-16.24	-16.70	-17.14
-55	-16.35	-16.66	-17.12
-60	-16.91	-16.88	-17.62
-65	-18.11	-17.95	-18.95



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

SIN: PL20352/1701  
 +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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257	353	480	619	739	869	1003	1118	1259	1382	1507	1650	1770	1910	2006
22	-9	-10	1	-6	-4	3	-10	3	-1	-4	11	3	16	-16

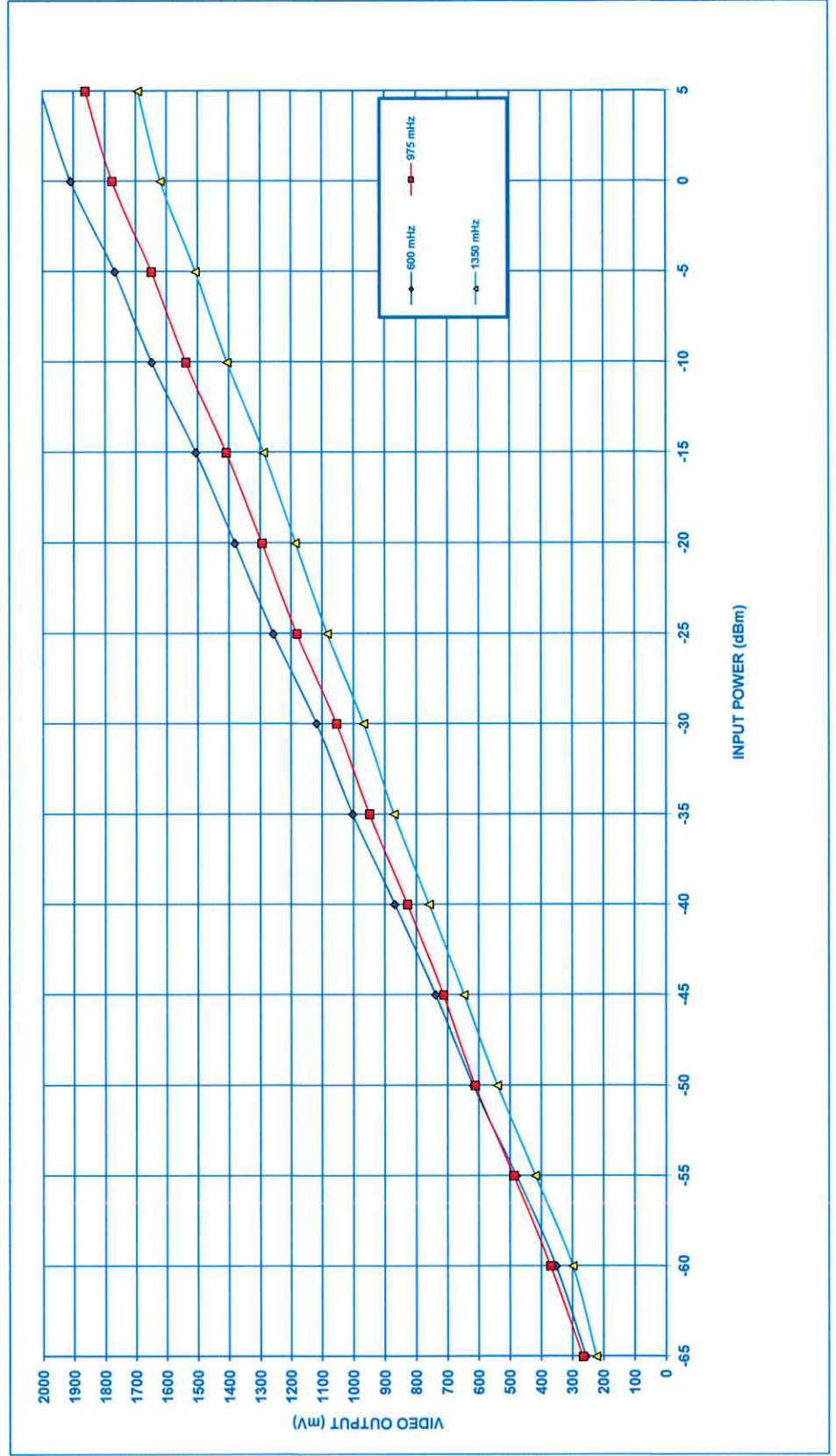
266	370	488	612	713	828	949	1054	1182	1294	1408	1539	1650	1777	1863
9	-2	0	8	-6	-7	-2	-12	0	-3	-5	10	6	17	-13

224	299	420	541	648	760	872	969	1085	1186	1289	1407	1508	1621	1694
8	-23	-11	3	3	7	11	0	9	3	-1	8	2	7	-27

INPUT POWER (dBm)	
FREQUENCY	600 mHz
SLOPE	25.5 mV/dB
INTERCEPT	1824.3 mV

INPUT POWER (dBm)	
FREQUENCY	975 mHz
SLOPE	23.1 mV/dB
INTERCEPT	1760.4 mV

INPUT POWER (dBm)	
FREQUENCY	1350 mHz
SLOPE	21.5 mV/dB
INTERCEPT	1613.5 mV



TEST TECH:  
E. Kretz

DATE:  
1/4/2017

SERIAL NO:  
PL20352/1701



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	Frequency	600
600	-65	-18.8126677	0.2567	257	-18.11	
600	-60	-17.6129724	0.353	353	-16.91	±0.5 dB
600	-55	-17.0542849	0.4801	480	-16.35	
600	-50	-16.9386158	0.6189	619	-16.24	±0.5 dB
600	-45	-16.9325514	0.7391	739	-16.23	
600	-40	-16.9607106	0.8689	869	-16.26	
600	-35	-16.9651208	1.0034	1003	-16.27	
600	-30	-16.9780091	1.1184	1118	-16.28	±1.1 dB
600	-25	-16.9832765	1.2587	1259	-16.28	
600	-20	-16.977386	1.3823	1382	-16.28	
600	-15	-16.9833222	1.5069	1507	-16.28	
600	-10	-17.0002029	1.6503	1650	-16.30	
600	-5	-17.0037073	1.7696	1770	-16.30	
600	0	-17.0306686	1.9104	1910	-16.33	
600	5	-17.0835988	2.0063	2006	-16.38	
975	-65	-18.6495943	0.2658	266	-17.95	
975	-60	-17.5811576	0.3703	370	-16.88	
975	-55	-17.3606462	0.4882	488	-16.66	
975	-50	-17.403426	0.6121	612	-16.70	
975	-45	-17.4255992	0.7134	713	-16.73	
975	-40	-17.4344879	0.8281	828	-16.73	
975	-35	-17.4353422	0.9491	949	-16.74	
975	-30	-17.4267051	1.0543	1054	-16.73	
975	-25	-17.4375067	1.182	1182	-16.74	
975	-20	-17.4439007	1.2944	1294	-16.74	
975	-15	-17.4418075	1.4085	1408	-16.74	
975	-10	-17.4580051	1.5385	1539	-16.76	
975	-5	-17.4749175	1.6505	1650	-16.77	
975	0	-17.5180093	1.7773	1777	-16.82	
975	5	-17.5762966	1.8626	1863	-16.88	
1350	-65	-19.6476351	0.2236	224	-18.95	
1350	-60	-18.3240143	0.2995	299	-17.62	
1350	-55	-17.8217096	0.4197	420	-17.12	
1350	-50	-17.8355624	0.5407	541	-17.14	
1350	-45	-17.8309523	0.6484	648	-17.13	
1350	-40	-17.8298074	0.7595	760	-17.13	
1350	-35	-17.8377824	0.8717	872	-17.14	
1350	-30	-17.8414786	0.9685	969	-17.14	
1350	-25	-17.8310875	1.0847	1085	-17.13	
1350	-20	-17.8348247	1.1862	1186	-17.13	
1350	-15	-17.8235543	1.2895	1289	-17.12	
1350	-10	-17.8084357	1.4068	1407	-17.11	
1350	-5	-17.7841911	1.5078	1508	-17.08	
1350	0	-17.7390989	1.6209	1621	-17.04	
1350	5	-17.6582042	1.6942	1694	-16.96	