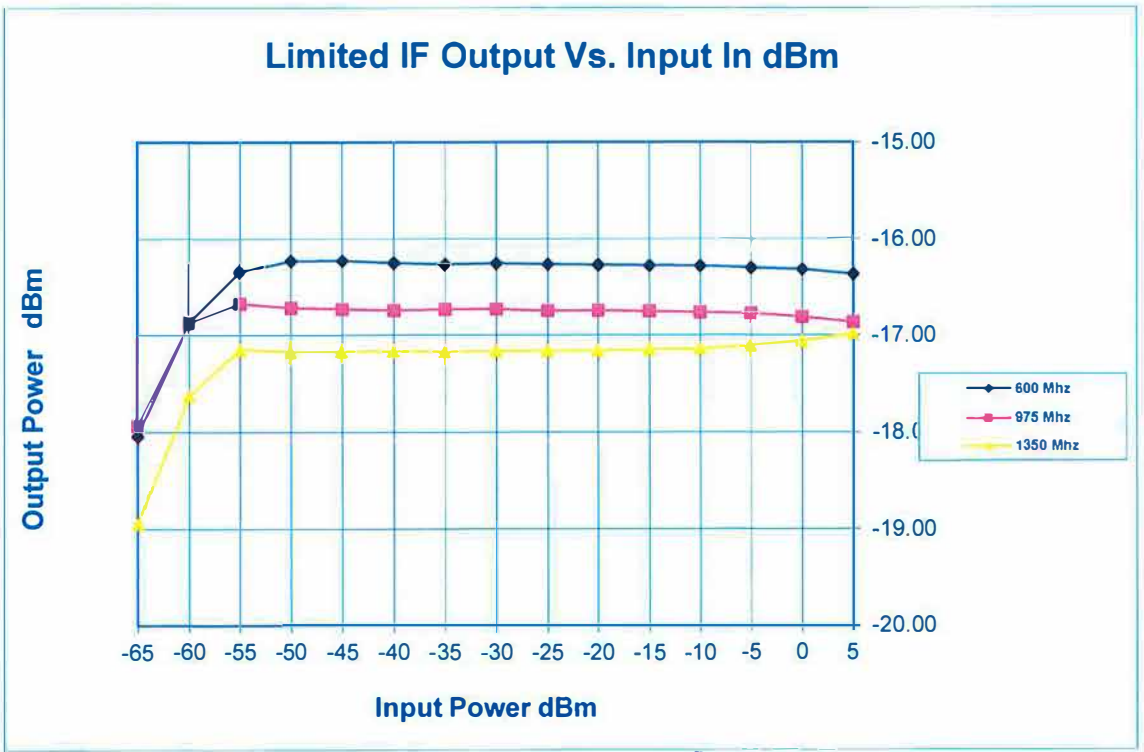
PLANAR MONOLITHICS INDUSTRIES
7311-F GROVE RD. FREDERICK, MD 21704
TEL: 301-662-5019 FAX: 301-662-1731
URL: WWW.PMI-RF.COM
EMAIL: SALES@PMI-RF.COM
ISO 9001 CERTIFIED

LIMITED OUTPUT WITH FREQUENCY AND POWER

Customer: [redacted]
Job No: SO16-103-P-P (Line 001)
Part No: [redacted]
Model No: SLVAC-06135M-MA08
Serial No: PL20355/1701

Date: 1/4/2017
Technician: E. Kretz
Temperature: 25°C
Drawing No: 27609103 (REV A2)

Input Power dBm	FREQUENCY 600 MHz	975 Mhz	1350 Mhz
5	-16.36	-16.86	-16.98
0	-16.32	-16.80	-17.06
-5	-16.30	-16.77	-17.10
-10	-16.28	-16.76	-17.14
-15	-16.28	-16.74	-17.14
-20	-16.27	-16.74	-17.15
-25	-16.26	-16.74	-17.16
-30	-16.25	-16.72	-17.16
-35	-16.26	-16.73	-17.17
-40	-16.25	-16.74	-17.16
-45	-16.23	-16.72	-17.17
-50	-16.23	-16.71	-17.17
-55	-16.35	-16.67	-17.15
-60	-16.87	-16.87	-17.62
-65	-18.04	-17.93	-18.94



QA/QC [signature] PMI QA 2 DATE 1/25/17

SDLVA SLVAC-06135M-A08-LA **S/N: PL20355/1701**

LOG TRANSFER WITH FREQUENCY **01/04/17** **+ 25° C**

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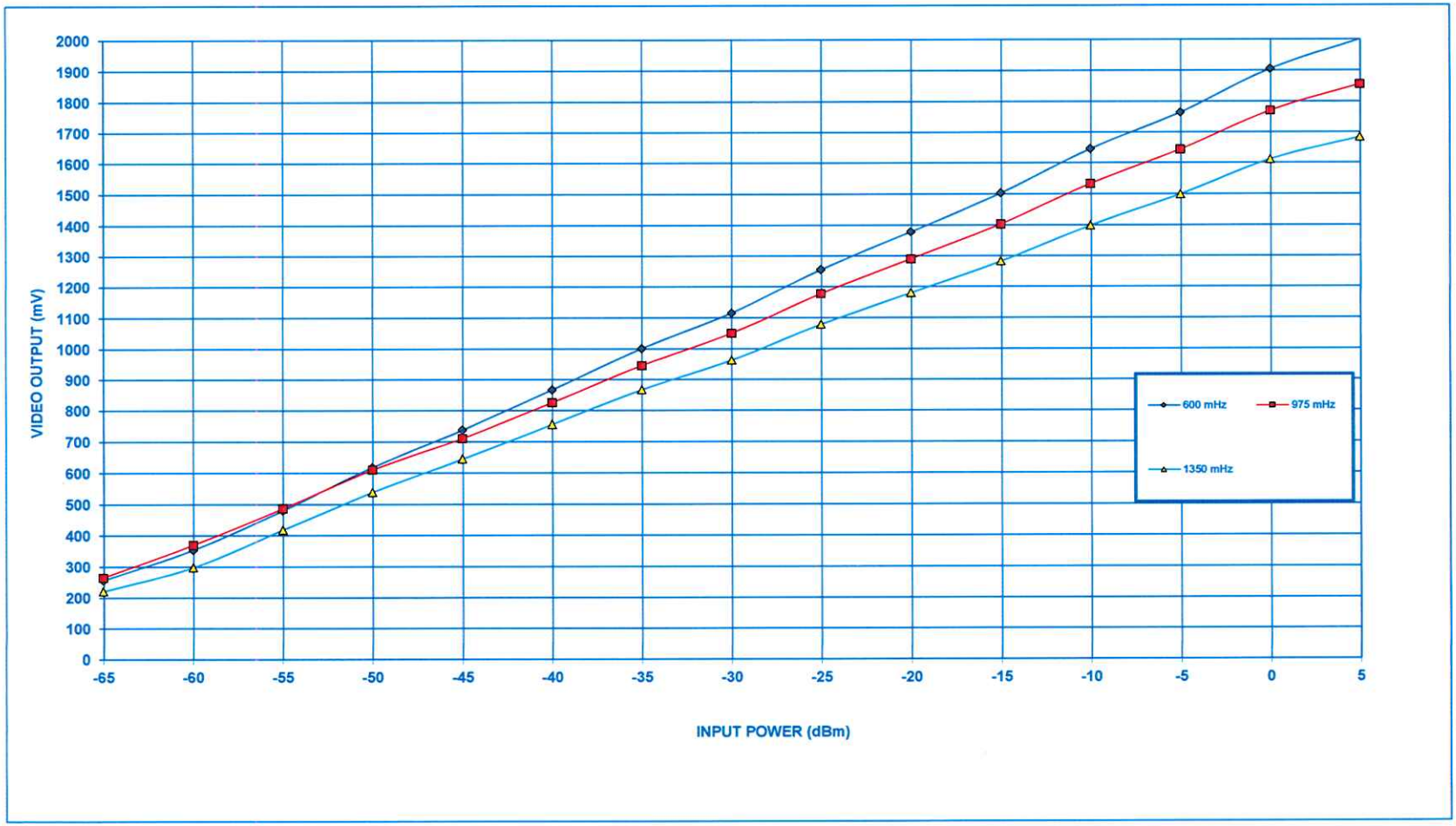
INPUT POWER (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
FREQUENCY 600 mHz	257	355	481	619	738	868	1002	1116	1256	1379	1504	1647	1765	1906	2001
SLOPE 25.4 mv/db	22	-8	-9	2	-6	-4	3	-10	3	-1	-4	12	3	16	-16
INTERCEPT 1889.5 mv															
FREQUENCY 975 mHz	265	370	487	610	711	825	946	1051	1178	1290	1404	1533	1644	1770	1855
SLOPE 23.0 mv/db	9	-2	0	9	-6	-7	-2	-12	0	-3	-5	10	6	17	-14
INTERCEPT 1753.8 mv															
FREQUENCY 1350 mHz	222	298	419	539	646	756	867	964	1079	1180	1283	1400	1500	1612	1684
SLOPE 21.4 mv/db	7	-23	-10	4	3	6	11	0	9	3	-1	9	2	7	-27
INTERCEPT 1604.9 mv															

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



TEST TECH: E. Kretz

DATE: 1/4/2017

SERIAL NO: PL20355/1701

Frequency	Input Power	Output Power		Video Output (Millivolts)	Corrected Output Power (dBm)
600	-65	-18.7413942	0.2572	257	-18.04
600	-60	-17.570171	0.3545	355	-16.87
600	-55	-17.0450907	0.4807	481	-16.35
600	-50	-16.9291996	0.6189	619	-16.23
600	-45	-16.9266839	0.7384	738	-16.23
600	-40	-16.94814	0.8677	868	-16.25
600	-35	-16.9643069	1.0015	1002	-16.26
600	-30	-16.9537394	1.1162	1116	-16.25
600	-25	-16.9648082	1.2562	1256	-16.26
600	-20	-16.9686319	1.3794	1379	-16.27
600	-15	-16.9769734	1.5039	1504	-16.28
600	-10	-16.9806728	1.6466	1647	-16.28
600	-5	-16.9994511	1.7654	1765	-16.30
600	0	-17.0175184	1.9057	1906	-16.32
600	5	-17.0644995	2.0008	2001	-16.36
975	-65	-18.6283132	0.265	265	-17.93
975	-60	-17.5683567	0.3699	370	-16.87
975	-55	-17.3691511	0.4867	487	-16.67
975	-50	-17.4106797	0.6104	610	-16.71
975	-45	-17.4242988	0.7113	711	-16.72
975	-40	-17.4370309	0.8254	825	-16.74
975	-35	-17.4259956	0.946	946	-16.73
975	-30	-17.4244828	1.0506	1051	-16.72
975	-25	-17.4395455	1.1778	1178	-16.74
975	-20	-17.4362134	1.29	1290	-16.74
975	-15	-17.4421379	1.4037	1404	-16.74
975	-10	-17.4553293	1.5332	1533	-16.76
975	-5	-17.4652725	1.6445	1644	-16.77
975	0	-17.5042138	1.7705	1770	-16.80
975	5	-17.5595542	1.8552	1855	-16.86
1350	-65	-19.642437	0.2217	222	-18.94
1350	-60	-18.3219112	0.2984	298	-17.62
1350	-55	-17.8453307	0.4185	419	-17.15
1350	-50	-17.8696252	0.5394	539	-17.17
1350	-45	-17.8672792	0.6456	646	-17.17
1350	-40	-17.858112	0.7558	756	-17.16
1350	-35	-17.8658286	0.8675	867	-17.17
1350	-30	-17.8590651	0.9637	964	-17.16
1350	-25	-17.8551201	1.0792	1079	-17.16
1350	-20	-17.8518769	1.1804	1180	-17.15
1350	-15	-17.8409448	1.2831	1283	-17.14
1350	-10	-17.8351897	1.3998	1400	-17.14
1350	-5	-17.8047408	1.4998	1500	-17.10
1350	0	-17.7573203	1.612	1612	-17.06
1350	5	-17.6797972	1.6844	1684	-16.98

Frequency	600	
		±0.5 dB
Frequency	975	
		±0.5 dB
Frequency	1350	
		±1.1 dB