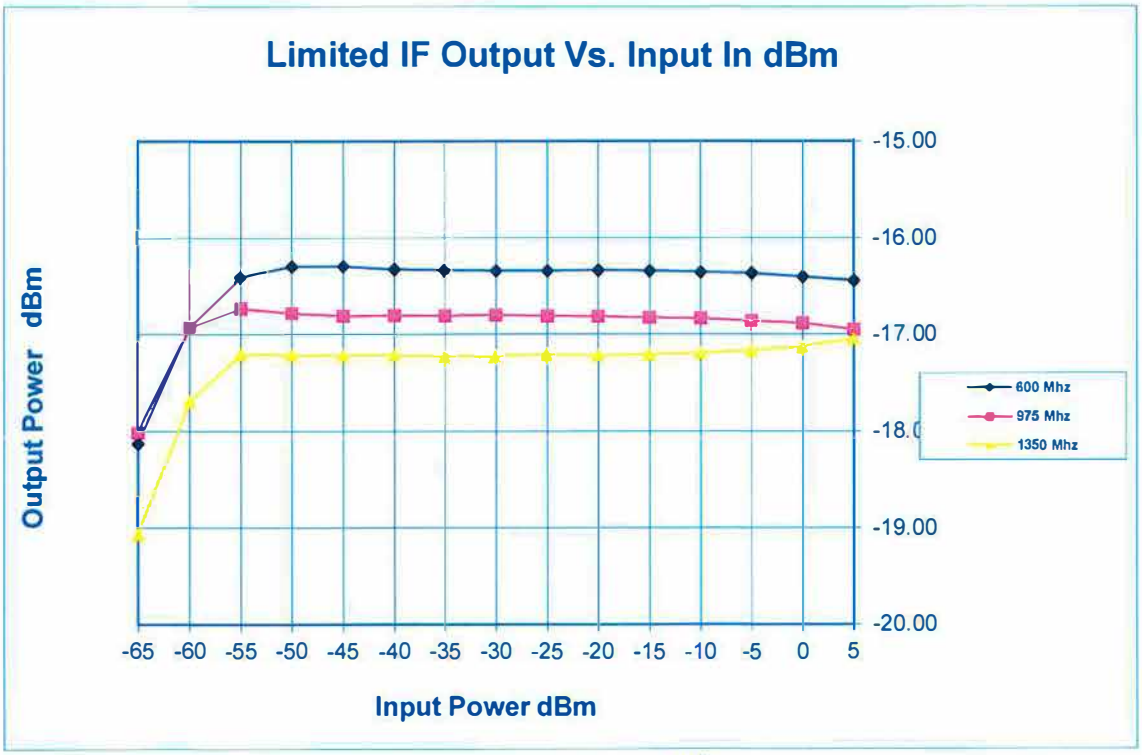
PLANAR MONOLITHICS INDUSTRIES
7311-F GROVE RD. FREDERICK, MD 21704
TEL: 301-662-5019 FAX: 301-662-1731
URL: WWW.PMI-RF.COM
EMAIL: SALES@PMI-RF.COM
ISO 9001 CERTIFIED

LIMITED OUTPUT WITH FRE UENCY AND POWER

Customer:
Job No: SO16-103-P-P (Line 001)
Part No:
Model No: SLVAC-06135M-MA08
Serial No: PL20351/1701

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

Input Power	FREQUENCY		
dBm	600 MHz	975 Mhz	1350 Mhz
5	-16.44	-16.94	-17.05
0	-16.40	-16.88	-17.12
-5	-16.37	-16.85	-17.16
-10	-16.35	-16.82	-17.19
-15	-16.34	-16.82	-17.20
-20	-16.33	-16.81	-17.21
-25	-16.34	-16.81	-17.20
-30	-16.34	-16.79	-17.22
-35	-16.33	-16.80	-17.22
-40	-16.33	-16.80	-17.21
-45	-16.30	-16.80	-17.21
-50	-16.30	-16.78	-17.21
-55	-16.41	-16.73	-17.21
-60	-16.93	-16.93	-17.69
-65	-18.13	-18.01	-19.07



QA/QC
PMI QA 2
DATE 1/25/17

SDLVA SLVAC-06135M-A08-LA **S/N: PL20351/1701**

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

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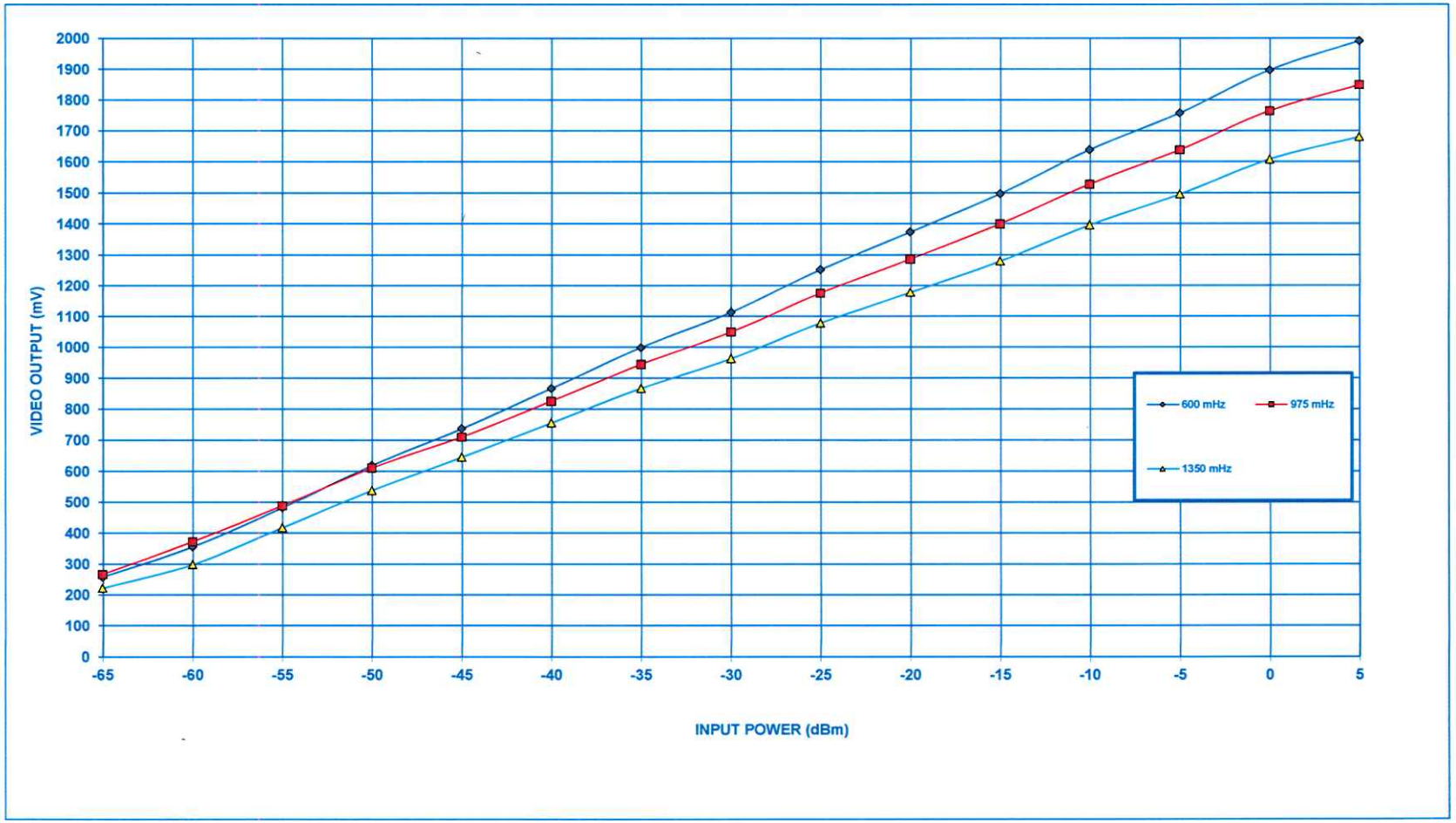
INPUT POWER (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
FREQUENCY 600 mHz	258	356	482	619	737	867	999	1114	1253	1374	1498	1640	1758	1898	1992
SLOPE 25.3 mv/db	20	-9	-9	2	-6	-3	3	-10	3	-2	-4	11	3	16	-16
INTERCEPT 1881.5 mv															
FREQUENCY 975 mHz	267	372	489	611	711	825	944	1049	1176	1286	1399	1528	1639	1764	1848
SLOPE 22.9 mv/db	8	-1	1	9	-7	-6	-2	-12	1	-3	-5	9	6	17	-14
INTERCEPT 1747.7 mv															
FREQUENCY 1350 mHz	222	299	418	539	646	756	867	963	1078	1178	1280	1397	1497	1609	1681
SLOPE 21.3 mv/db	7	-24	-11	3	4	8	12	1	10	3	-1	8	2	7	-28
INTERCEPT 1601.5 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: PL20351/1701

Frequency	Input Power	Output Power		Video Output (Millivolts)	Corrected Output Power (dBm)
600	-65	-18.8286152	0.2583	258	-18.13
600	-60	-17.6266731	0.356	356	-16.93
600	-55	-17.1103506	0.4822	482	-16.41
600	-50	-16.998123	0.6193	619	-16.30
600	-45	-16.9956678	0.7374	737	-16.30
600	-40	-17.0263361	0.867	867	-16.33
600	-35	-17.0339807	0.9992	999	-16.33
600	-30	-17.0399959	1.1135	1114	-16.34
600	-25	-17.0382292	1.2529	1253	-16.34
600	-20	-17.0329497	1.3742	1374	-16.33
600	-15	-17.0393378	1.4979	1498	-16.34
600	-10	-17.054067	1.6398	1640	-16.35
600	-5	-17.0659461	1.7579	1758	-16.37
600	0	-17.1004162	1.8977	1898	-16.40
600	5	-17.1398413	1.9919	1992	-16.44
975	-65	-18.7093033	0.2666	267	-18.01
975	-60	-17.6273486	0.3721	372	-16.93
975	-55	-17.429796	0.489	489	-16.73
975	-50	-17.4760477	0.6112	611	-16.78
975	-45	-17.503803	0.7105	711	-16.80
975	-40	-17.4994306	0.8251	825	-16.80
975	-35	-17.5016971	0.9444	944	-16.80
975	-30	-17.4946579	1.049	1049	-16.79
975	-25	-17.5064835	1.1758	1176	-16.81
975	-20	-17.50914	1.2862	1286	-16.81
975	-15	-17.5163444	1.3994	1399	-16.82
975	-10	-17.524455	1.5282	1528	-16.82
975	-5	-17.5543935	1.6387	1639	-16.85
975	0	-17.5794186	1.7645	1764	-16.88
975	5	-17.6446683	1.8484	1848	-16.94
1350	-65	-19.7657396	0.2222	222	-19.07
1350	-60	-18.3903482	0.2988	299	-17.69
1350	-55	-17.9055592	0.418	418	-17.21
1350	-50	-17.9108658	0.5387	539	-17.21
1350	-45	-17.9135927	0.646	646	-17.21
1350	-40	-17.9109136	0.7562	756	-17.21
1350	-35	-17.9195012	0.8669	867	-17.22
1350	-30	-17.9212392	0.963	963	-17.22
1350	-25	-17.903174	1.0782	1078	-17.20
1350	-20	-17.9130237	1.1781	1178	-17.21
1350	-15	-17.900227	1.2804	1280	-17.20
1350	-10	-17.890211	1.3966	1397	-17.19
1350	-5	-17.8630513	1.4965	1497	-17.16
1350	0	-17.8249927	1.6086	1609	-17.12
1350	5	-17.7451527	1.6805	1681	-17.05

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