

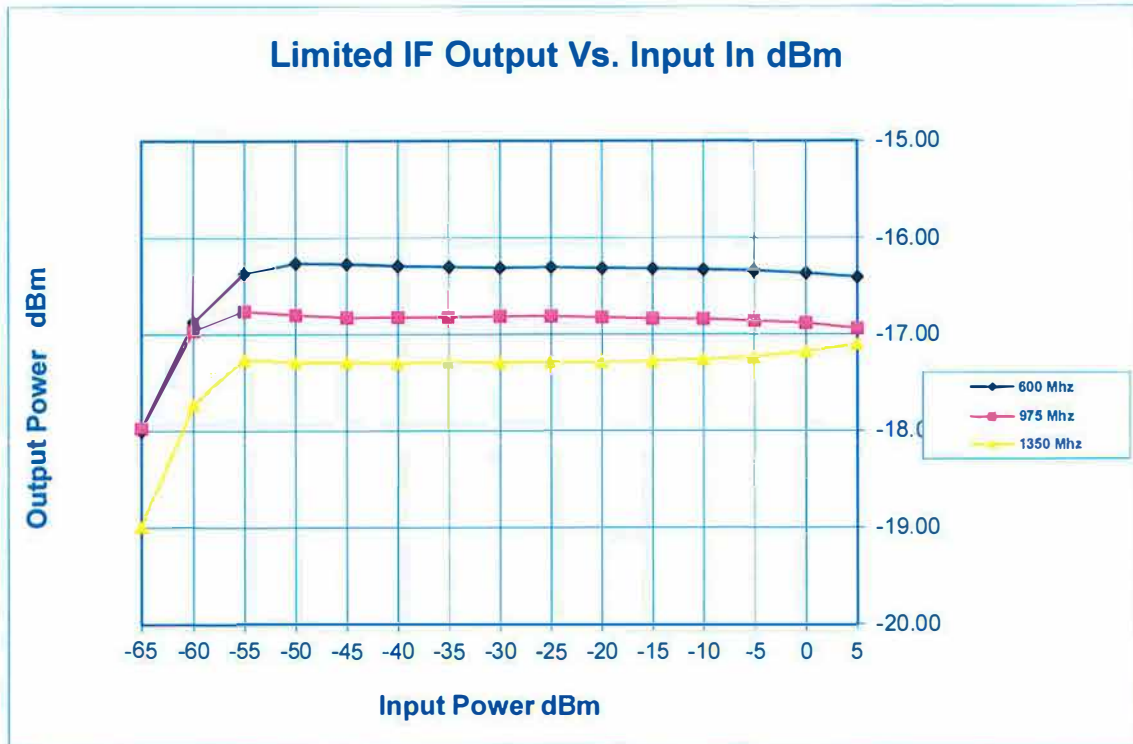


PLANAR MONOLITHICS INDUSTRIES  
 7311-F GROVE RD. FREDERICK, MD 21704  
 TEL: 301-662-5019 FAX: 301-662-1731  
 URL: WWW.PMI-RF.COM  
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 ISO 9001 CERTIFIED

**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: PL20354/1701

Input Power dBm	FREQUENCY		
	600 MHz	975 Mhz	1350 Mhz
5	-16.41	-16.94	-17.10
0	-16.37	-16.88	-17.18
-5	-16.34	-16.85	-17.23
-10	-16.33	-16.83	-17.26
-15	-16.32	-16.83	-17.27
-20	-16.31	-16.82	-17.28
-25	-16.30	-16.80	-17.28
-30	-16.31	-16.81	-17.29
-35	-16.30	-16.82	-17.28
-40	-16.29	-16.82	-17.29
-45	-16.27	-16.82	-17.29
-50	-16.26	-16.79	-17.29
-55	-16.37	-16.75	-17.26
-60	-16.87	-16.96	-17.73
-65	-18.00	-17.96	-18.98



QA/QC *[Signature]*

PMI  
QA 2

DATE 1/25/17



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ISO 9001 CERTIFIED  
 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

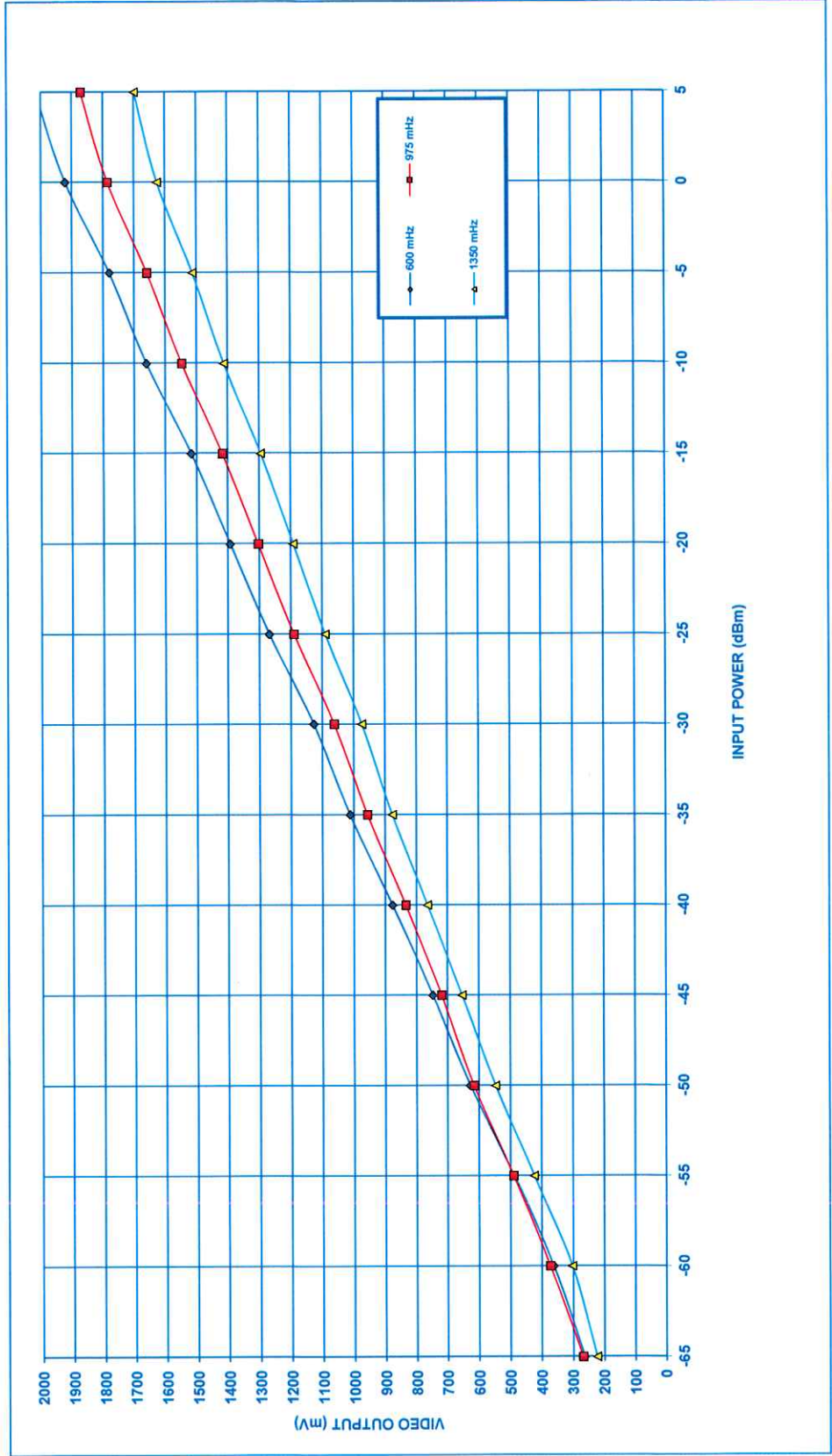
SDLVA SLVAC-06135M-A08-LA S/N: PL20354/1701  
 LOG TRANSFER WITH FREQUENCY 01/04/17 + 25° C

INPUT POWER (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
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FREQUENCY	600 mHz	628	649	671	694	719	746	774	803	833	864	896	929	963	1000
SLOPE	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
INTERCEPT	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8	1505.8

FREQUENCY	975 mHz	1003	1026	1051	1077	1104	1132	1161	1191	1221	1252	1284	1317	1351	1386
SLOPE	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
INTERCEPT	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9	1769.9

FREQUENCY	1350 mHz	1380	1410	1441	1473	1506	1540	1575	1611	1648	1686	1725	1766	1808	1852
SLOPE	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
INTERCEPT	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0	1620.0



TEST TECH:  
E. Kretz

DATE:  
1/4/2017

SERIAL NO:  
PL20354/1701



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	Frequency	600
600	-65	-18.6991664	0.2636	264	-18.00	±0.5 dB
600	-60	-17.5694684	0.3625	362	-16.87	
600	-55	-17.0730105	0.4887	489	-16.37	975
600	-50	-16.9624032	0.6276	628	-16.26	±0.5 dB
600	-45	-16.9714449	0.7475	748	-16.27	
600	-40	-16.9903332	0.8774	877	-16.29	1350
600	-35	-16.9989974	1.0125	1013	-16.30	
600	-30	-17.0106854	1.128	1128	-16.31	
600	-25	-17.0036967	1.2688	1269	-16.30	
600	-20	-17.0142595	1.3928	1393	-16.31	
600	-15	-17.0181242	1.5175	1518	-16.32	
600	-10	-17.0273112	1.6613	1661	-16.33	
600	-5	-17.0388297	1.7809	1781	-16.34	
600	0	-17.06547	1.9219	1922	-16.37	
600	5	-17.1075448	2.0183	2018	-16.41	
975	-65	-18.6648596	0.2684	268	-17.96	
975	-60	-17.6588326	0.3726	373	-16.96	
975	-55	-17.4535008	0.4902	490	-16.75	
975	-50	-17.4932481	0.616	616	-16.79	
975	-45	-17.5221551	0.719	719	-16.82	
975	-40	-17.5160202	0.8342	834	-16.82	
975	-35	-17.5158852	0.9561	956	-16.82	
975	-30	-17.5072706	1.0619	1062	-16.81	
975	-25	-17.5045397	1.1899	1190	-16.80	
975	-20	-17.5156788	1.3027	1303	-16.82	
975	-15	-17.5279416	1.4168	1417	-16.83	
975	-10	-17.5302251	1.5471	1547	-16.83	
975	-5	-17.5536062	1.6591	1659	-16.85	
975	0	-17.5774104	1.7858	1786	-16.88	
975	5	-17.6355568	1.8715	1872	-16.94	
1350	-65	-19.6848652	0.2244	224	-18.98	
1350	-60	-18.4294067	0.3033	303	-17.73	
1350	-55	-17.9608177	0.4249	425	-17.26	
1350	-50	-17.9880049	0.5478	548	-17.29	
1350	-45	-17.9864654	0.6543	654	-17.29	
1350	-40	-17.9920229	0.7647	765	-17.29	
1350	-35	-17.9834692	0.8778	878	-17.28	
1350	-30	-17.9870535	0.9746	975	-17.29	
1350	-25	-17.9848532	1.0908	1091	-17.28	
1350	-20	-17.9823891	1.1926	1193	-17.28	
1350	-15	-17.9700042	1.2955	1296	-17.27	
1350	-10	-17.9571756	1.4131	1413	-17.26	
1350	-5	-17.9337087	1.5136	1514	-17.23	
1350	0	-17.8752648	1.6265	1626	-17.18	
1350	5	-17.8001243	1.6999	1700	-17.10	