

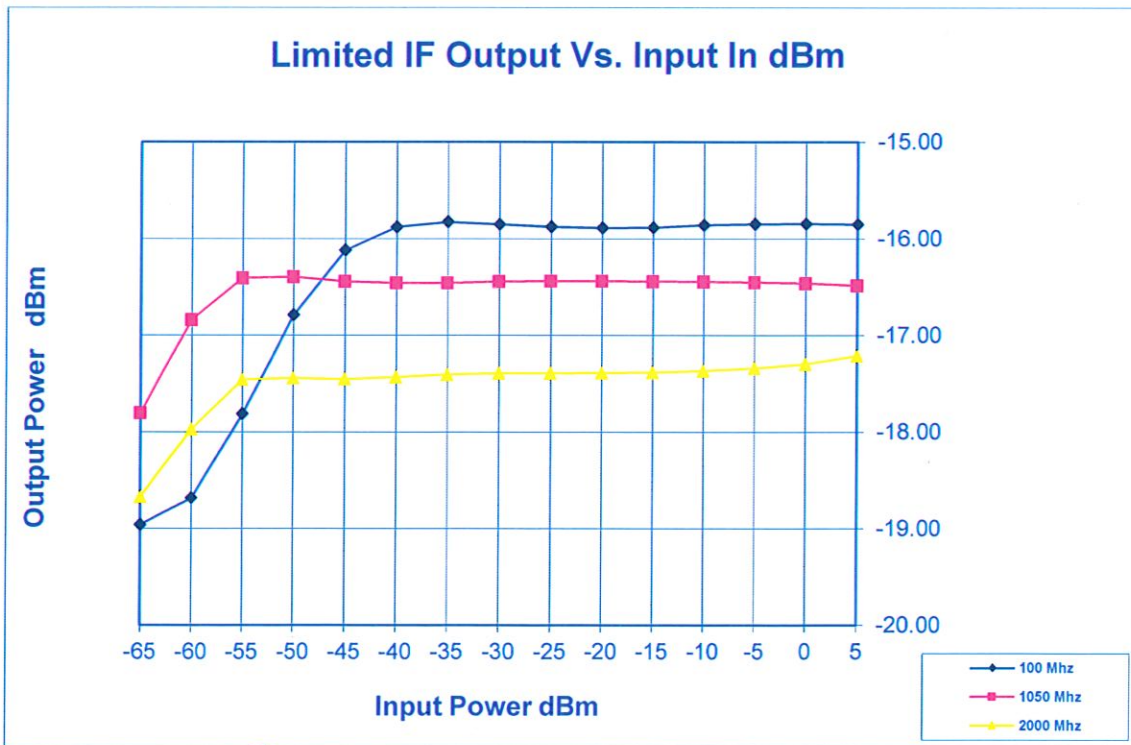


PLANAR MONOLITHICS INDUSTRIES  
 7311-F GROVE RD. FREDERICK, MD 21704  
 TEL: 301-662-5019 FAX: 301-662-1731  
 URL: WWW.PMI-RF.COM  
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 ISO 9001 CERTIFIED

LIMITED OUTPUT WITH FREQUENCY AND POWER

Customer: \_\_\_\_\_ Date: 1/7/2021  
 Job No: \_\_\_\_\_ Technician: E. Kretz  
 Part No: \_\_\_\_\_ Temperature: 25°C  
 Model No: SLVAC-06135M-MA08 Drawing No: 27609103 (REV A2)  
 Serial No: PL31086/2052

Input Power dBm	FREQUENCY		
	100 MHz	1050 Mhz	2000 Mhz
5	-15.85	-16.49	-17.21
0	-15.84	-16.46	-17.30
-5	-15.85	-16.45	-17.34
-10	-15.86	-16.45	-17.37
-15	-15.88	-16.44	-17.39
-20	-15.89	-16.44	-17.39
-25	-15.88	-16.44	-17.39
-30	-15.85	-16.44	-17.39
-35	-15.83	-16.46	-17.41
-40	-15.88	-16.46	-17.43
-45	-16.12	-16.44	-17.45
-50	-16.79	-16.40	-17.44
-55	-17.81	-16.41	-17.46
-60	-18.68	-16.84	-17.97
-65	-18.96	-17.80	-18.67



QA/QC *[Signature]*

DATE 1/8/20



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INPUT POWER (dBm)

-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5
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FREQUENCY	100 mHz
SLOPE	20.8 mv/db
INTERCEPT	1413.1 mv

182	196	233	317	435	557	661	779	879	994	1097	1213	1327	1443	1535
119	29	-37	-58	-43	-25	-25	-11	-15	-4	-4	8	18	30	18

Linearity Error (-65 TO +5 dBm)
±5.7 dB

FREQUENCY	1050 mHz
SLOPE	23.0 mv/db
INTERCEPT	1708.4 mv

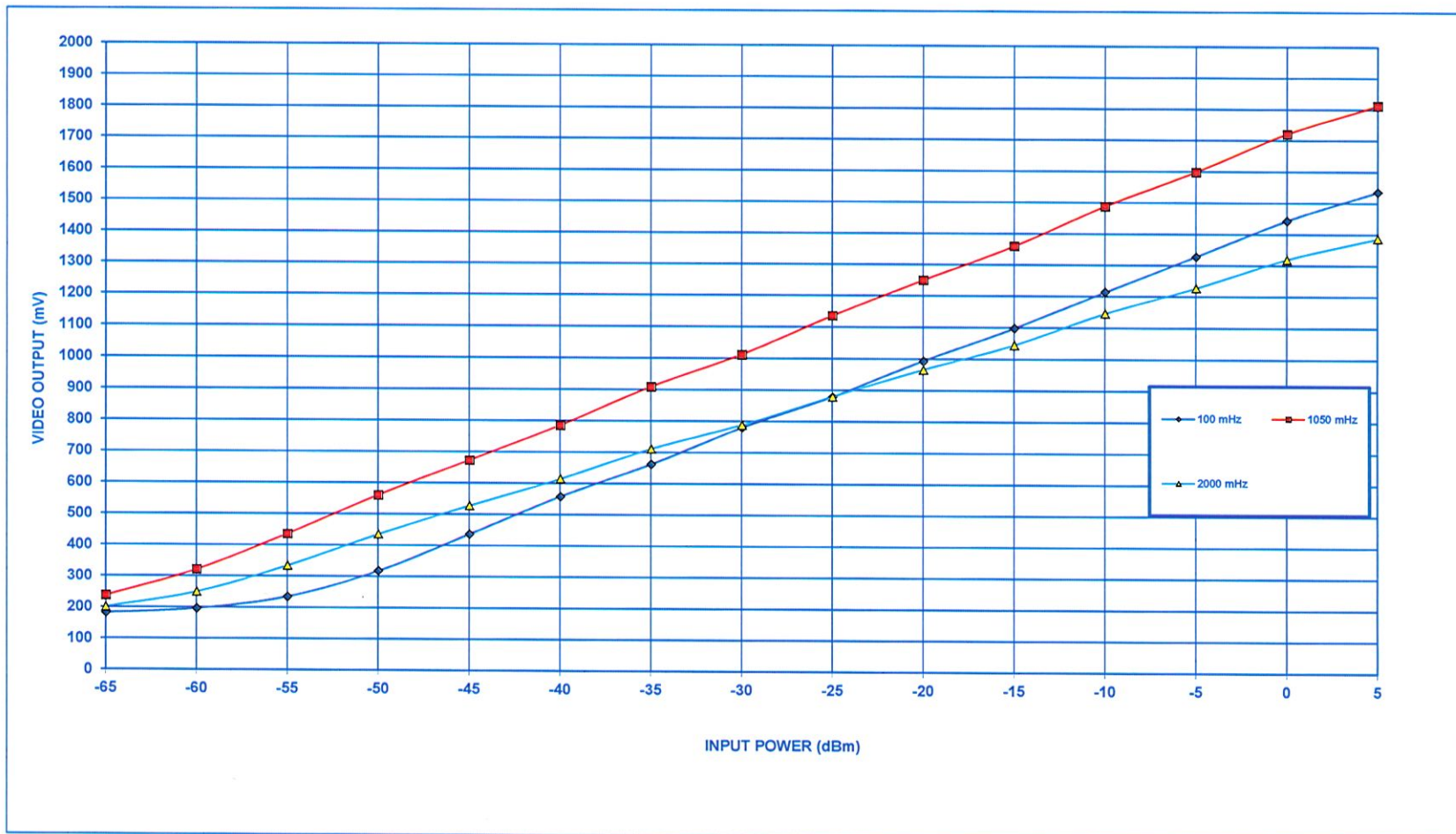
236	320	434	559	671	784	907	1011	1134	1248	1358	1487	1598	1721	1812
22	-10	-10	0	-3	-5	4	-7	0	0	-5	8	5	12	-11

Linearity Error (-65 TO +5 dBm)
±0.5 dB

FREQUENCY	2000 mHz
SLOPE	17.5 mv/db
INTERCEPT	1312.4 mv

200	249	333	435	527	614	711	788	879	966	1045	1145	1227	1319	1387
24	-15	-18	-4	1	0	10	-1	4	3	-5	7	2	7	-13

Linearity Error (-65 TO +5 dBm)
±1.3 dB



TEST TECH:  
E. Kretz

DATE:  
1/7/2021

SERIAL NO:  
PL31086/2052



Frequency	Input Power	Output Power	Video Output (Millivolts)	Corrected Output Power (dBm)	
100	-65	-19.6597312	0.1816	182	-18.96
100	-60	-19.3844452	0.1955	196	-18.68
100	-55	-18.5114183	0.2333	233	-17.81
100	-50	-17.4895683	0.3167	317	-16.79
100	-45	-16.819014	0.4355	435	-16.12
100	-40	-16.5795794	0.5571	557	-15.88
100	-35	-16.5273414	0.661	661	-15.83
100	-30	-16.5502166	0.7787	779	-15.85
100	-25	-16.5755334	0.8786	879	-15.88
100	-20	-16.5892352	0.9936	994	-15.89
100	-15	-16.5842284	1.0974	1097	-15.88
100	-10	-16.5598918	1.213	1213	-15.86
100	-5	-16.5474903	1.3273	1327	-15.85
100	0	-16.5446611	1.4427	1443	-15.84
100	5	-16.5503565	1.5348	1535	-15.85
1050	-65	-18.5036135	0.236	236	-17.80
1050	-60	-17.5416564	0.3195	320	-16.84
1050	-55	-17.1102201	0.4343	434	-16.41
1050	-50	-17.0968356	0.5594	559	-16.40
1050	-45	-17.1445636	0.6713	671	-16.44
1050	-40	-17.1586753	0.7836	784	-16.46
1050	-35	-17.1574927	0.9074	907	-16.46
1050	-30	-17.1429602	1.0112	1011	-16.44
1050	-25	-17.1381751	1.134	1134	-16.44
1050	-20	-17.1387355	1.2485	1248	-16.44
1050	-15	-17.144224	1.3583	1358	-16.44
1050	-10	-17.1475927	1.4866	1487	-16.45
1050	-5	-17.1537352	1.598	1598	-16.45
1050	0	-17.1638308	1.7208	1721	-16.46
1050	5	-17.1861972	1.8121	1812	-16.49
2000	-65	-19.3714369	0.2001	200	-18.67
2000	-60	-18.6731728	0.2486	249	-17.97
2000	-55	-18.1593296	0.3332	333	-17.46
2000	-50	-18.142143	0.4345	435	-17.44
2000	-45	-18.1531042	0.5271	527	-17.45
2000	-40	-18.1328302	0.6136	614	-17.43
2000	-35	-18.1070333	0.7107	711	-17.41
2000	-30	-18.0912995	0.7875	788	-17.39
2000	-25	-18.0921471	0.8791	879	-17.39
2000	-20	-18.0904021	0.9659	966	-17.39
2000	-15	-18.0851213	1.0448	1045	-17.39
2000	-10	-18.069367	1.145	1145	-17.37
2000	-5	-18.0422668	1.2268	1227	-17.34
2000	0	-17.9979766	1.3189	1319	-17.30
2000	5	-17.9144127	1.3866	1387	-17.21

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

