

LOG TRANSFER WITH FREQUENCY
 MODEL: EWDM-2G6G-65-70MV
 TESTED BY: JOHNM
 MODEL: EWDM-2G6G-65-70MV
 SERIAL NO: PL23497
 DATE: 11-5-20

Test Temp: 25C



PLANAR MONOLITHIC INDUSTRIES
 4921 Robert J. Mathews Parkway STE 1
 TEL: 916-542-1401 FAX: 301-662-1731
 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

PMI
 QA3

03
 11-12-2020

Frequency

2000 MHz	INTERCEPT (mV)	5000.1
	SLOPE (mV/dB)	71.898

3000 MHz	INTERCEPT (mV)	5092.9
	SLOPE (mV/dB)	72.262

4000 MHz	INTERCEPT (mV)	5018.1
	SLOPE (mV/dB)	71.175

5000 MHz	INTERCEPT (mV)	4961.9
	SLOPE (mV/dB)	70.9

6000 MHz	INTERCEPT (mV)	5015.5
	SLOPE (mV/dB)	71.164

-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----	---

306	688	1047	1407	1790	2147	2472	2820	3184	3573	3943	4285	4639	4986
-21	2	1	2	25	23	-12	-23	-19	11	21	4	-2	-14
-0.29	0.03	0.02	0.03	0.35	0.32	-0.16	-0.32	-0.26	0.15	0.30	0.05	-0.02	-0.20
-0.54	-0.20	-0.18	-0.14	0.22	0.21	-0.25	-0.38	-0.29	0.15	0.33	0.11	0.06	-0.09

373	761	1127	1476	1860	2219	2550	2922	3274	3662	4024	4355	4727	5091
-23	4	9	-4	19	17	-14	-3	-12	14	15	-15	-5	-2
-0.32	0.05	0.12	-0.05	0.26	0.23	-0.19	-0.04	-0.17	0.20	0.21	-0.21	-0.06	-0.03
0.40	0.82	0.94	0.82	1.19	1.22	0.84	1.05	0.97	1.40	1.46	1.09	1.29	1.38

360	749	1116	1464	1851	2209	2512	2851	3209	3598	3958	4299	4666	5026
-32	1	13	5	36	36	-15	-32	-30	3	8	-7	4	8
-0.44	0.02	0.18	0.07	0.50	0.53	-0.21	-0.45	-0.42	0.05	0.11	-0.10	0.05	0.11
0.22	0.66	0.79	0.66	1.07	1.08	0.31	0.05	0.06	0.50	0.54	0.31	0.44	0.47

322	706	1067	1424	1809	2173	2478	2793	3159	3542	3903	4257	4607	4967
-31	-2	5	7	38	47	-2	-42	-30	-2	5	4	0	5
-0.44	-0.03	0.06	0.10	0.53	0.66	-0.03	-0.59	-0.43	-0.03	0.07	0.06	-0.01	0.07
-0.32	0.05	0.10	0.10	0.48	0.57	-0.16	-0.76	-0.64	-0.28	-0.23	-0.28	-0.39	-0.35

362	749	1119	1468	1852	2207	2506	2834	3197	3587	3948	4298	4672	5039
-28	3	17	11	39	38	-19	-47	-39	-5	0	-6	12	23
-0.39	0.05	0.25	0.15	0.55	0.53	-0.26	-0.66	-0.55	-0.07	0.00	-0.08	0.17	0.33
0.24	0.66	0.83	0.71	1.08	1.05	0.23	-0.18	-0.11	0.35	0.40	0.29	0.52	0.66

RF Input Power (dBm)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

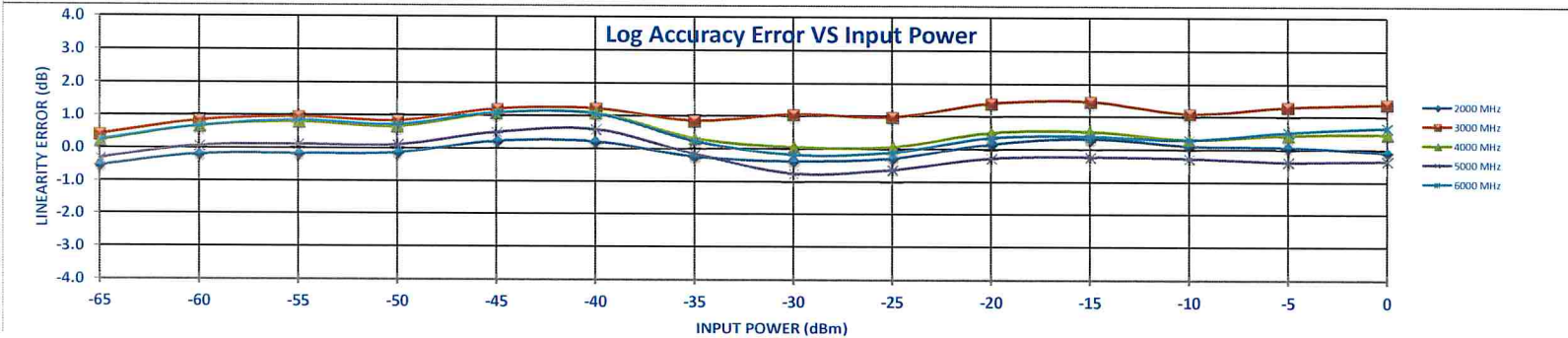
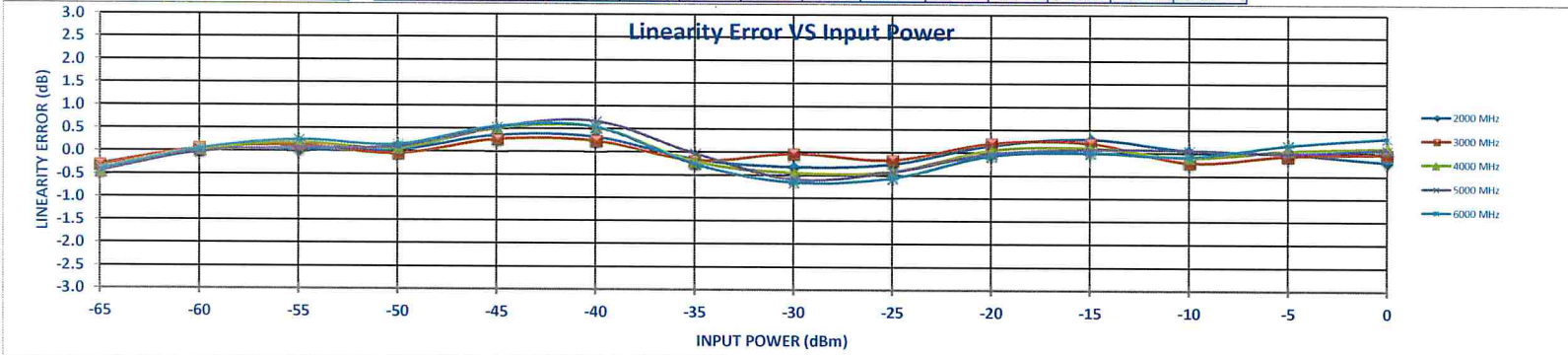
Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

Measured Value (mV)
Error (mV)
LINEARITY ERROR (dB)
ACCURACY ERROR (dB)

Flatness	+/- dB	0.47	0.51	0.56	0.48	0.49	0.50	0.55	0.90	0.80	0.84	0.85	0.69	0.84	0.87
----------	--------	------	------	------	------	------	------	------	------	------	------	------	------	------	------



LOG TRANSFER WITH FREQUENCY
 MODEL: EWDM-2G6G-65-70MV
 TESTED BY: JOHN M
 MODEL: EWDM-2G6G-65-70MV
 SERIAL NO: PL23497
 DATE: 11-5-20

Test Temp: 25C



PLANAR MONOLITHICS INDUSTRIES
 4921 Robert J. Mathews Parkway STE 1
 TEL: 916-542-1401 FAX: 301-662-1731
 EMAIL: SALES@PMI-RF.COM
 ISO 9001:2000 CERTIFIED

PMI
 QA3
 03
 11-12-2020

Frequency

2000 MHz	INTERCEPT (mV)	5086.6
	SLOPE (mV/dB)	71.952

3000 MHz	INTERCEPT (mV)	5115.5
	SLOPE (mV/dB)	72.428

4000 MHz	INTERCEPT (mV)	5008.3
	SLOPE (mV/dB)	71.293

5000 MHz	INTERCEPT (mV)	4933.3
	SLOPE (mV/dB)	70.84

6000 MHz	INTERCEPT (mV)	5003
	SLOPE (mV/dB)	71.321

RF Input Power (dBm)	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
2000 MHz Measured Value (mV)	380	770	1142	1490	1878	2227	2544	2915	3272	3664	4034	4365	4730	5063
2000 MHz Error (mV)	-30	1	13	1	29	18	-24	-13	-16	16	27	-2	3	-24
2000 MHz LINEARITY ERROR (dB)	-0.41	0.01	0.18	0.01	0.41	0.26	-0.34	-0.18	-0.22	0.23	0.37	-0.03	0.04	-0.33
2000 MHz ACCURACY ERROR (dB)	0.44	0.88	1.08	0.94	1.36	1.23	0.66	0.84	0.83	1.30	1.47	1.09	1.19	0.84
3000 MHz Measured Value (mV)	385	777	1144	1493	1876	2231	2561	2936	3291	3679	4043	4373	4752	5121
3000 MHz Error (mV)	-23	7	12	-1	20	13	-20	-7	-14	12	14	-18	-1	6
3000 MHz LINEARITY ERROR (dB)	-0.31	0.10	0.17	-0.01	0.27	0.17	-0.27	-0.09	-0.19	0.17	0.19	-0.25	-0.02	0.08
3000 MHz ACCURACY ERROR (dB)	0.51	0.98	1.11	0.98	1.33	1.29	0.90	1.13	1.09	1.51	1.59	1.20	1.50	1.65
4000 MHz Measured Value (mV)	345	732	1099	1451	1835	2192	2499	2834	3197	3585	3945	4290	4655	5019
4000 MHz Error (mV)	-29	1	12	7	35	35	-14	-36	-29	3	6	-5	3	11
4000 MHz LINEARITY ERROR (dB)	-0.41	0.02	0.17	0.10	0.49	0.50	-0.20	-0.50	-0.41	0.04	0.09	-0.08	0.04	0.15
4000 MHz ACCURACY ERROR (dB)	-0.05	0.35	0.48	0.39	0.76	0.74	0.03	-0.29	-0.22	0.20	0.23	0.04	0.14	0.23
5000 MHz Measured Value (mV)	294	679	1042	1401	1780	2146	2458	2764	3138	3515	3876	4233	4576	4932
5000 MHz Error (mV)	-35	-4	5	10	35	46	4	-44	-24	-2	5	8	-3	-1
5000 MHz LINEARITY ERROR (dB)	-0.49	-0.05	0.07	0.14	0.49	0.65	0.06	-0.62	-0.34	-0.02	0.07	0.11	-0.04	-0.02
5000 MHz ACCURACY ERROR (dB)	-0.77	-0.39	-0.32	-0.30	-0.01	0.10	-0.54	-1.27	-1.04	-0.78	-0.74	-0.75	-0.96	-0.99
6000 MHz Measured Value (mV)	340	730	1096	1449	1830	2188	2489	2813	3183	3571	3930	4283	4658	5031
6000 MHz Error (mV)	-27	6	16	12	36	38	-18	-50	-37	-6	-3	-7	12	28
6000 MHz LINEARITY ERROR (dB)	-0.38	0.09	0.22	0.17	0.51	0.53	-0.25	-0.71	-0.52	-0.08	-0.04	-0.10	0.16	0.39
6000 MHz ACCURACY ERROR (dB)	-0.12	0.32	0.44	0.37	0.69	0.69	-0.11	-0.58	-0.42	0.00	0.02	-0.05	0.18	0.39

Flatness	+/- dB	0.64	0.68	0.71	0.64	0.68	0.59	0.72	1.20	1.07	1.15	1.17	0.98	1.23	1.32
----------	--------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

