



PLANAR MONOLITHICS INDUSTRIES
7311G GROVE ROAD, FREDERICK, MD21704 USA
TEL: 301-631-1579 FAX: 301-662-4938
URL: WWW.PLANARMONOLITHICS.COM
E-MAIL: SALES@PLANARMONOLITHICS.COM
ISO 9001:2000 CERTIFIED

SUMMARY TEST DATA
ON
THRESHOLD DETECTOR

CUSTOMER: _____
MODEL NO: TD-30T-0518-MH
SERIAL NO: PM601876

JOB NO: _____
TESTED BY: H. HAHN
TEMPERATURE: 25°C
DATE: 4/8/06

Test Item Number	Parameters	Specified Value	Measured Value	Remarks QA/QC
1	Frequency Range	0.5 - 18.0 GHz	0.5 - 18 GHz	✓
2	VSWR (@-10 dBm)	2.5:1 (Max)	1.79:1	✓
3	Dynamic Range	-18 dBm to +5 dBm (Min)	-18 dBm to +5 dBm	✓
4	Resistor Value (For Reference)	@ -18 dBm	91 ohms	✓
4a	Resistor Value (For Reference)	@ -16 dBm	101.6 ohms	✓
4b	Resistor Value (For Reference)	@ -14 dBm	116.1 ohms	✓
4c	Resistor Value (For Reference)	@ -12 dBm	137 ohms	✓
4d	Resistor Value (For Reference)	@ -10 dBm	170.1 ohms	✓
4e	Resistor Value (For Reference)	@ -8 dBm	215.5 ohms	✓
4f	Resistor Value (For Reference)	@ -6 dBm	304.7 ohms	✓
4g	Resistor Value (For Reference)	@ -4 dBm	399 ohms	✓
4h	Resistor Value (For Reference)	@ -2 dBm	516 ohms	✓
4i	Resistor Value (For Reference)	@ 0 dBm	704 ohms	✓
4j	Resistor Value (For Reference)	@ 2 dBm	957 ohms	✓
4k	Resistor Value (For Reference)	@ 4 dBm	1214 ohms	✓
4l	Resistor Value (For Reference)	@ 6 dBm	1492 ohms	✓
5	Threshold Variation Frequency (Input Flatness)	± 2.0 dB (Max)	± 1.0 dB	✓
6	Response Time	100 nSEC (Max)	40 nS	✓
7	D.C. Power +8V (NoLoad)	100 mA (Max)	81 mA	✓

QA/QC APPROVAL: _____ Q4 DATED: 4/12/06