



**SUMMARY TEST DATA  
ON  
THRESHOLD DETECTOR**

**CUSTOMER:** \_\_\_\_\_  
**MODEL NO:** TD-218-RB  
**SERIAL NO:** PL7973/1034

**JOB NO:** SO10-147-P  
**TESTED BY:** R. Zitterbart  
**TEMPERATURE:** 25°C  
**DATE:** 08-Sep-2010

Test Item Number	Parameters	Specified Value	Measured Value	Remarks QA/QC
1	Frequency Range	2.0 - 18.0 GHz	2.0 - 18.0 GHz	
2	VSWR	2.75:1 (Max)	2.73:1	
3	Usable Input Power Range	-32 dBm to -10 dBm	-32 dBm to -10 dBm	
4	Threshold Variation Over Frequency	$\pm 3.0$ dB	$\pm 1.0$ dB	
5	Threshold Level	$-30 \pm 1.5$ dBm (Typical)	$-30 \pm 1.5$ dBm	
6	Threshold Setting Stability	$\leq \pm 3.0$ dB	Pass	
7	Response Time 90% RF to TTL "1" On	100 nS (Max)	41 nS	
8	Response Time 10% RF to TTL "0" Off	100 nS (Max)	35 nS	
9	D.C. Power (No Load)	+15V @ 250 mA (Max)	124 mA	

**PRODUCTION MANAGER:** \_\_\_\_\_ **DATED:** \_\_\_\_\_

**QA/QC APPROVAL:** \_\_\_\_\_ **DATED:** \_\_\_\_\_