

**SUMMARY TEST DATA
 ON
 THRESHOLD DETECTOR**

CUSTOMER: _____ **JOB NO:** P504017
MODEL NO: TD-30T-SHS-218 **TESTED BY:** Loc Chau ^E₃₂
OPTION NO: _____ **TEMPERATURE:** ROOM
SERIAL NO: PM505148 **DATE:** 7/13/2005

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE	2 TO 18 GHz	2 TO 18 GHz	/
2	MINIMUM SIGNAL LEVEL FOR LOGIC "1"	-20 dBm @ 2 GHz -20 dBm @ 10 GHz -17 dBm @ 18 GHz	-20 dBm -20 dBm -19 dBm	/
3	MAXIMUM SIGNAL LEVEL FOR LOGIC "0"	-25 dBm TYPICAL	-21 dBm	/
4	THRESHOLD VARIATION OVER FREQUENCY FOR ANY 1 GHz WINDOW	± 0.5 dB TYPICAL	±0.5 dBm	/
5	PROPAGATION DELAY FROM 50% OF AN INPUT OF -20 dBm	15 nSec MAXIMUM	14 nS	/
6	PROPAGATION DELAY FROM 50% WHEN INPUT OF +10 dBm	15 nSec MAXIMUM	14 nS	/
7	DYNAMIC RANGE	-20 dBm TO +10 dBm	-20 dBm TO +10 dBm	/
8	VSWR INPUT	3.0:1 @ -20 dBm	2.76:1	/
9	PROPAGATION DELAY	15 nSec	14 nS	/
10	POWER PLUS	+15 VDC @ 100 mA MAXIMUM	60 mA	/
11	POWER MINUS	-15 VDC @ 100 mA MAXIMUM	80 mA	/

PRODUCTION MANAGER APPROVAL: _____

DATED: _____

QA/QC APPROVAL: _____

DATED: 7/14/05