



## SUMMARY TEST DATA ON THRESHOLD DETECTOR

**Customer:** \_\_\_\_\_  
**Job No:** SO11-184  
**Model No:** TDC-30T-0313-200M2-JL  
**Serial No:** PL9523/1137

**Tested By:** S. PALACIO  
**Temperature:** +25°C  
**Date:** 9-16-2011

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	0.2 GHz TO 2.0 GHz	0.2 GHz TO 2.0 GHz	
2	Insertion Loss:	2.0 dB Max	See Plot	
3	VSWR:	Input 2.0 :1 Max	See Plot	
		Output 2.0 :1 Max		
4	Frequency Flatness:	± 1.0dB Typical,	See Plot	
	RF Input - RF Output	± 1.5dB Max		
5	Threshold Level:	Adjustable	Pass	
6	Threshold Variation:	± 0.5dB Typical over any 1 GHz	See Typical Characteristics	
7	Propagation Delay:	12 nS Max, 8 nS Typ	See Typical Characteristics	
8	Output Pulse Width When Input:	Within x nS of Input Pulse Width:		
	10 dBm to 0 dBm	10 nS	See Typical Characteristics	
	0 dBm to +10 dBm	10 nS	See Typical Characteristics	
	0 dBm to +20 dBm	25 nS	See Typical Characteristics	
	-10 dBm to +20 dBm	25 nS	See Typical Characteristics	
9	DC Supply:	100mA @ +12VDC Max	52 mA	
		100mA @ -12VDC Max	47 mA	

**Production Manager Approval:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**QA/QC Approval:** \_\_\_\_\_ **Date:** \_\_\_\_\_



## Insertion Loss and VSWR

