

**SUMMARY TEST DATA  
 ON  
 TD-50M4G-CD-SFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: TD-50M4G-CD-SFF  
 Serial No: PL44640/2408

Tested By: K. Mansfield  
 Temperature: +25° C  
 Date: 2/22/2024  
 Drawing No: 27614960 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	50 MHz to 4.0 GHz	50 MHz to 4.0 GHz	PMI QA4
2	VSWR:	2.6:1 Max.	1.9:1 See Plot	
3	Dynamic Range:	-20 dBm to +10 dBm	Pass	
4	Threshold Variation: (with Frequency)	±0.75 dB Max.	±0.75 dB	
5	Propagation Delay:	20 ns Typ. 3 dB above threshold setting (50% RF input to 50% logic at -10 dBm)	See Typical Characteristics	
6	Minimum Pulse Width:	100 ns Typ.	See Typical Characteristics	
7	Output:	TTL "1" Input Power > Threshold Setting, TTL "0" Otherwise	Pass	
8	Threshold Setting Control:	External Voltage 0 to +5 V	Pass	
9	Temperature Stability:	1 dB Typ. 3 dB above threshold setting	See Typical Characteristics	
10	Threshold Level Setting Range:	-20 to 0 dBm	Pass	
11	Input Power:	100 mW CW Max.	Pass	
12	Power Supply:	±5 V @ 100 mA Typ.	+5 V @ 60 mA -5 V @ 31 mA	PMI QA4

QA/QC Approval: *Cameron Vebey* **PMI QA4**

Date: 2/23/24

