SUMMARY TEST DATA
ON
TD-1G12G-RL-CD-SFF

PL27782/2006

Customer: [redacted]
SO No: [redacted]
Model No: TD-1G12G-RL-CD-SFF
Serial No: PL27782/2006

Tested By: J. Boze
Temperature: +25°C
Date: 04/08/22
Drawing No: 27623443 **Rev:** A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS FAIL	QA QC
1	Frequency Range:	1 TO 12.0 GHz Minimum	**1 TO 12.0 GHz See Plot**	PMI QA3
2	VSWR:	3.0: 1 Typical	**2.18:1 See Plot**	
3	Dynamic Range:	-30dBm to +10dBm	**-30 to +10 dBm**	
4	Threshold Variation: (with Frequency)	± 1.5 dB Maximum	**± 0.90 dB**	
5	Propagation Delay	10ns Typical 3dB above Threshold Setting (50% RF Input to 50% Logic at -10dBm	**Pass See Typical Characteristics**	
6	Min Pulse Width:	50 ns Typical	**50 ns**	
7	Output	TTL 0: Input Power > Threshold Setting TTL 1: Otherwise	**Pass**	
8	Temperature Stability	1.0 dB Typical 3 dB Above Threshold Setting	**Pass**	
9	Threshold Setting Control:	0 to +5 Volts	**0 to +5 Volts**	
10	Threshold Level Setting Range:	-30 to -10 dBm	**-30 to -10 dBm**	
11	Maximum Input Power:	100 mW CW	**Pass**	
12	DC Supply:	+5 VDC @ 100mA Typical -5 VDC @ 100mA Typical	**+5 VDC @ 75 mA -5 VDC @ 27 mA**	

QA/QC Approval: K. Martin **Date:** 4-20-22

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Email: sales@pmi-rf.com

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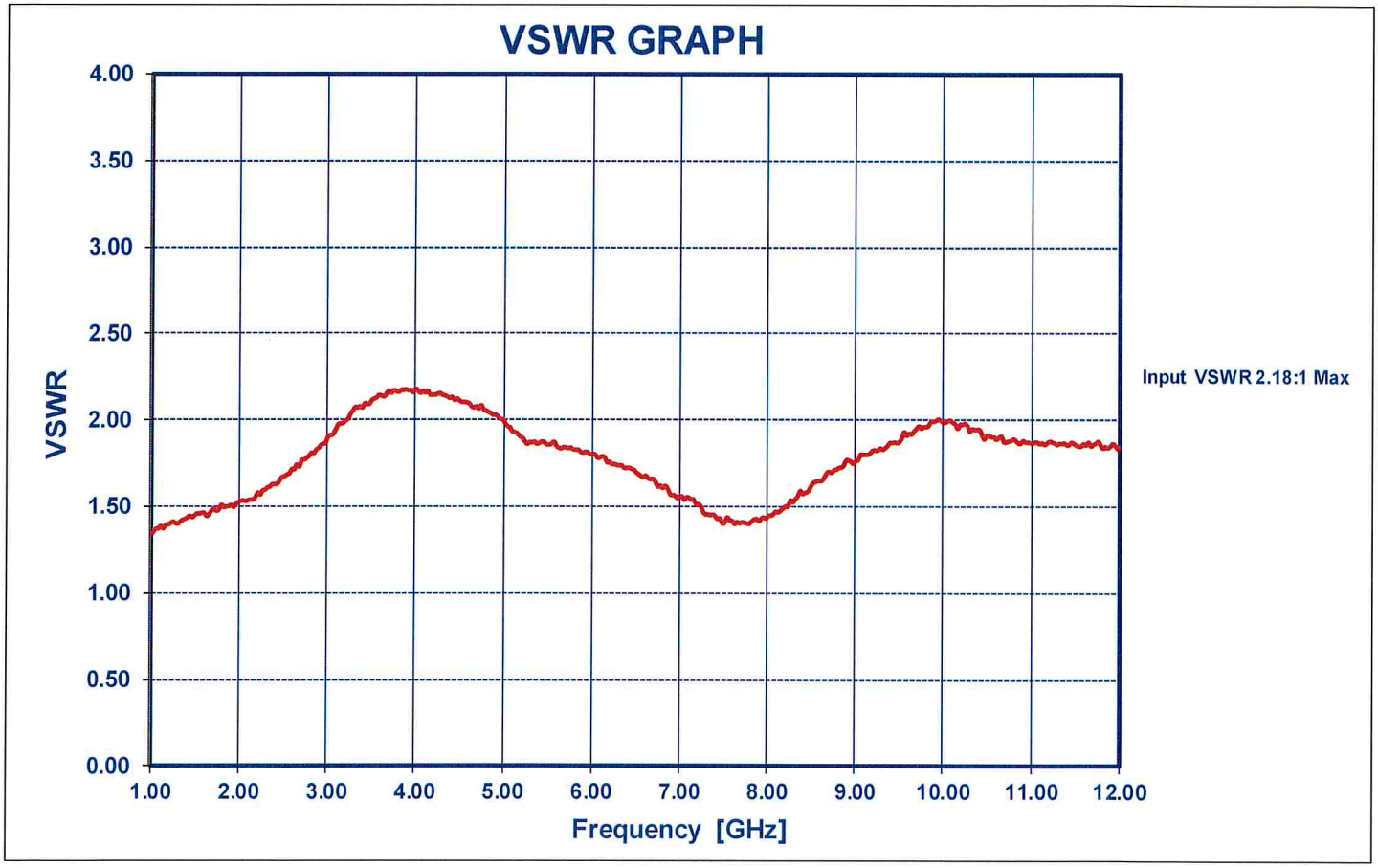
PL27782/2006

VSWR @ +25°C

Model Number: TD-1G12G-RL-CD-SFF
Serial Number: PL27782

Temperature: +25C



Input VSWR 2.18:1 Max

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