SUMMARY TEST DATA ON GMTA-1002

PL29308/2025

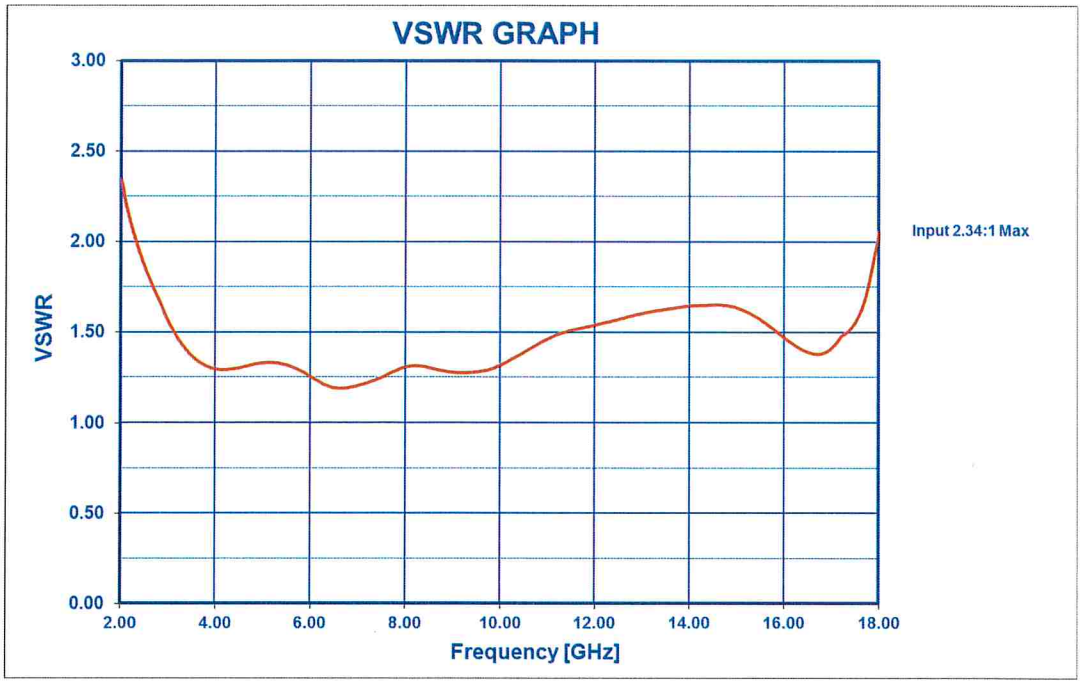
Customer:		**Tested By:**	Simon K.
SO No:		**Temperature:**	+25°C
Model No:	GMTA-1002	**Date:**	06/15/2020
Serial No:	PL29308/2025	**Drawing No:**	27619821 **Rev:** A4

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz to 18 GHz	**2 GHz to 18 GHz See Plot**	PMI QA3
2	Input Operating Range:	-18 to -23 dBm (2-18 GHz)	**-18 to -23 dBm**	
3	Input VSWR:	2.5 : 1 @ Pin = -10 dBm	**2.34:1 See Plot**	
4	Threshold Level:	Pin = -18 to -23 dBm @ 25°C	**Max.= -19.2 dBm Min.= -21.8 dBm**	
5	Threshold Setting Stability:	±3.0 dB Max (Over Temp and Frequency)	**± 1.5 dB**	
6	Maximum Input Power:	+10 dBm (Without Damage)	**Pass**	
7	Detected Output:	TLL High (1) – On TLL Low (0) – Off	**Pass**	
8	Response Time:	100µs Max	**11us**	
9	DC Supply:	+12VDC @ 50mA	**+12VDC @ 40mA**	PMI QA3

4921 Robert J. Mathews Pkwy Suite 1, El Dorado Hills, CA 95762 USA Tel: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com

SUMMARY TEST DATA
ON
GMTA-1002

PL29308/2025



THRESHOLD SETTING STABILITY
± 3 dB max OVER FREQUENCY @ TEMPERATURE

FREQ.	2 GHz	4 GHz	6 GHz	8 GHz	10 GHz	12 GHz	14 GHz	16 GHz	18 GHz
Pin @ 25 ° C	-21.0	-21.8	-21.1	-20.6	-20.6	-20.1	-19.3	-19.2	-21.3
Pin @ 0 ° C	-21.2	-21.9	-21.3	-20.7	-20.8	-20.3	-19.5	-19.5	-21.5
Pin @ 85 ° C	-20.8	-21.5	-20.9	-20.3	-20.3	-19.8	-19.1	-18.9	-21.0

QA/QC Approval: Arthur Zimmerman Date: 6/15/2020

4921 Robert J. Mathews Pkwy Suite 1, El Dorado Hills, CA 95762 USA Tel: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com