



**SUMMARY TEST DATA  
ON  
GMTA-1002**

Customer: _____	Tested By: <u>JERRY WADE</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>GMTA-1002</u>	Date: <u>11/15/18</u>
Serial No: <u>PL23888/1846</u>	Drawing No: <u>27619821</u> Rev: <u>A4</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA 1	
2	Input Operating Range:	-18 to -23 dBm (2-18 GHz)	Pass		
3	Input VSWR:	2.5: 1 @ Pin = -10 dBm	2.46:1 See Plot		
4	Threshold Level:	Pin = -18 to -23 dBm @ 25°C	Max.= -19.5dBm Min.= -21.0dBm		
5	Threshold Setting Stability:	±3.0 dB Max (Over Temp and Frequency)	±0.85dB		
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	Pass		
9	DC Supply:	+12VDC @ 50mA	+12VDC @ 36mA		PMI QA 1

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](mailto:sales@pmi-rf.com)



**SUMMARY TEST DATA  
ON  
GMTA-1002**

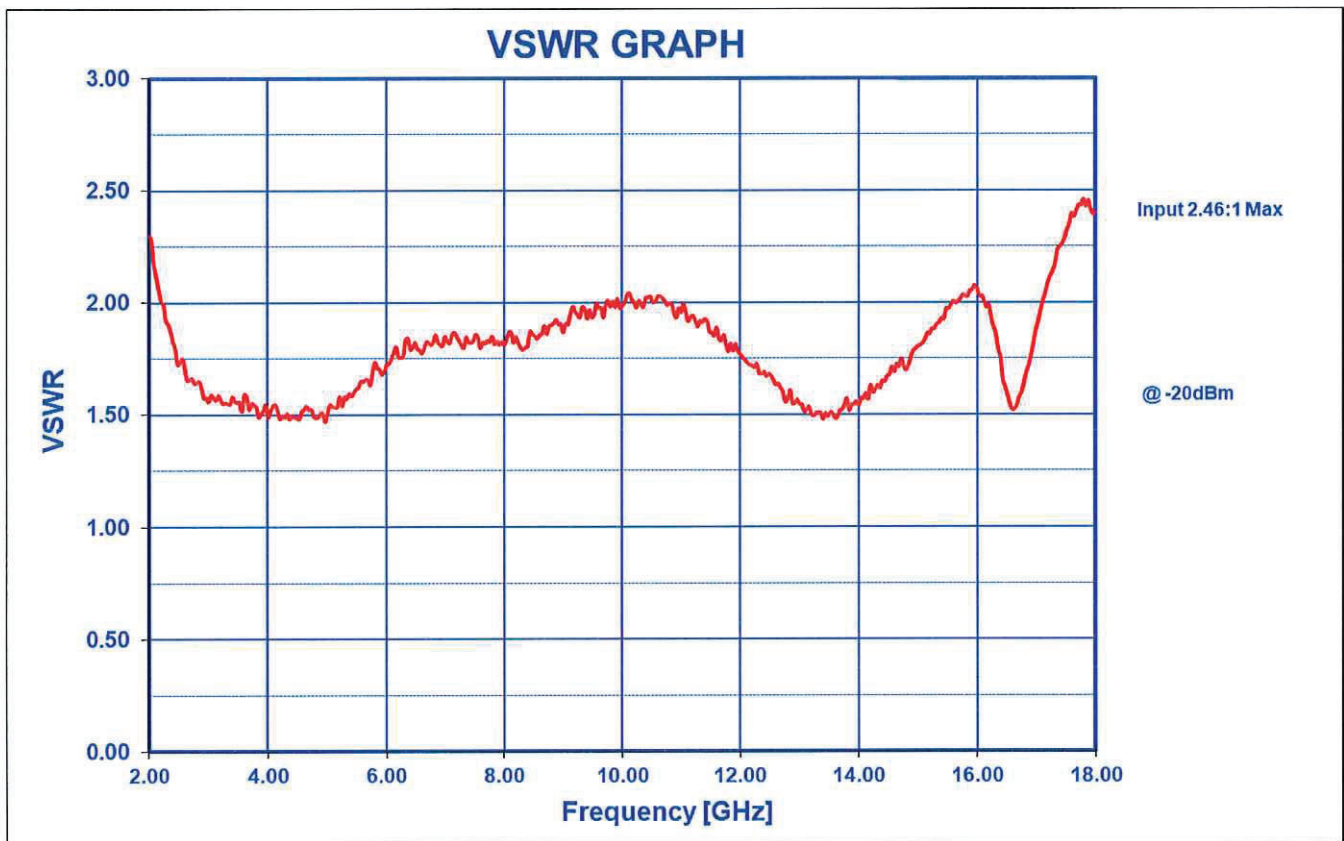
THRESHOLD SETTING STABILITY  
± 3 dB max OVER FREQUENCY @ TEMPERATURE

FREQ.	2 GHz	4 GHz	6 GHz	8 GHz	10 GHz	12 GHz	14 GHz	16 GHz	18 GHz
Pin @ 25 ° C	-20.5	-21.0	-20.7	-19.7	-19.6	-20.1	-20.3	-20.0	-20.4
Pin @ -20 ° C	-20.6	-21.2	-21.2	-19.9	-19.8	-20.6	-20.4	-20.3	-21.0
Pin @ 85 ° C	-20.5	-21.0	-20.6	-20.0	-19.9	-20.2	-20.3	-20.2	-20.6

QA/QC Approval:  PMI  
QA 1 Date: 11/20/18



**SUMMARY TEST DATA  
ON  
GMTA-1002**



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](mailto:sales@pmi-rf.com)