



**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>PL23900/1846</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	2.32:1 See Plot	
4	Threshold Level:	Pin = -18 to -23 dBm @ 25°C	Max.= -20.0 dBm Min.= -21.7 dBm	
5	Threshold Setting Stability:	±3.0 dB Max (Over Temp and Frequency)	±0.95dB	
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



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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	-21.6	-21.5	-21.2	-20.6	-20.3	-20.6	-20.1	-20.3	-21.4
Pin @ -20 ° C	-21.7	-21.7	-21.3	-20.6	-20.6	-20.6	-20.1	-20.5	-21.4
Pin @ 85 ° C	-21.5	-21.7	-21.1	-20.5	-20.2	-20.4	-19.9	-20.2	-21.2

QA/QC Approval:

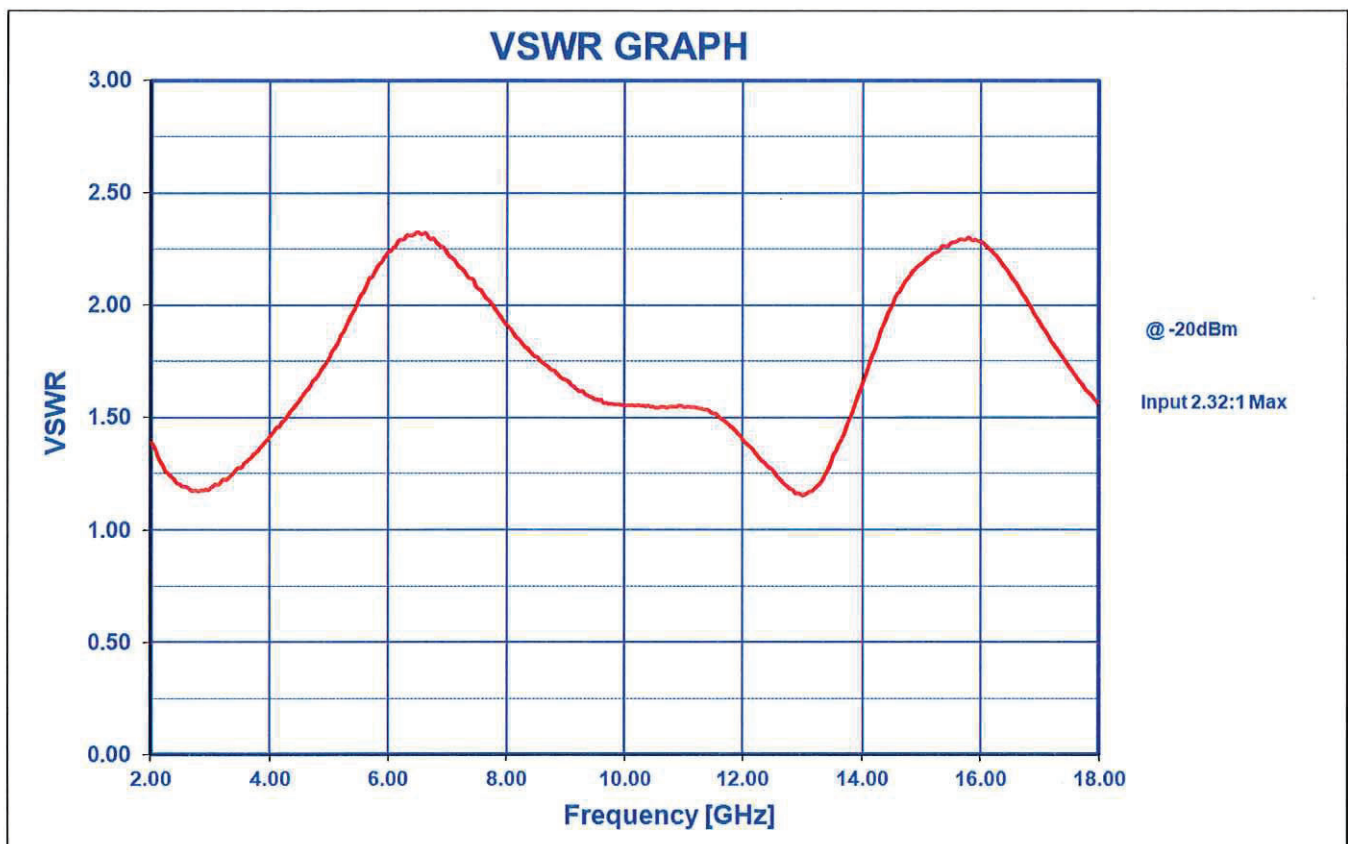
PMI
QA 1

Date:

11/20/18



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