



**SUMMARY TEST DATA  
ON  
GMTA-1002**

Customer: \_\_\_\_\_ Tested By: JERRY WADE  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: GMTA-1002 Date: 11/15/18  
 Serial No: PL23891/1846 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	PMI QA 1	
2	Input Operating Range:	-18 to -23 dBm (2-18 GHz)	Pass		
3	Input VSWR:	2.5 : 1 @ Pin = -10 dBm	2.24:1 See Plot		
4	Threshold Level:	Pin = -18 to -23 dBm @ 25°C	Max.= -19.3dBm Min.= -20.8dBm		
5	Threshold Setting Stability:	±3.0 dB Max (Over Temp and Frequency)	±0.9dB		
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 @ 38mA		PMI QA 1

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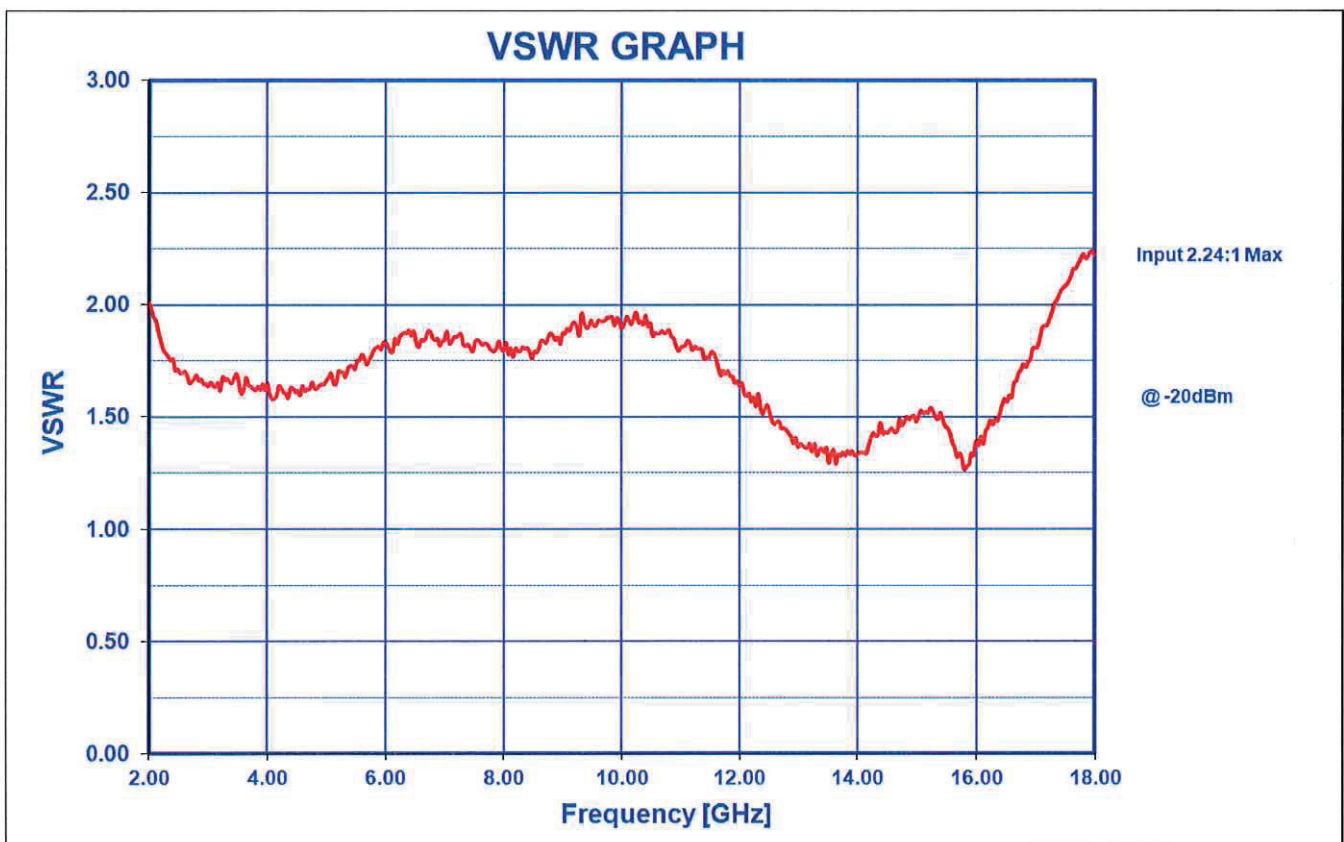
THRESHOLD SETTING STABILITY  
± 3 dB max OVER FREQUENCY @ TEMPERATURE

FREQ.	2 GHz	4 GHz	6 GHz	8 GHz	10 GHz	12 GHz	14 GHz	16 GHz	18 GHz
Pin @ 25 ° C	-20.2	-20.6	-20.3	-19.6	-19.5	-19.4	-20.1	-20.2	-20.7
Pin @ -20 ° C	-20.6	-20.7	-20.1	-19.8	-19.9	-20.1	-20.1	-20.3	-20.8
Pin @ 85 ° C	-20.1	-20.4	-19.5	-19.6	-19.3	-19.5	-19.8	-20.0	-20.5

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



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