



**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: PL23885/1846 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 | 2.29:1 See Plot | | |
| 4 | Threshold Level: | Pin = -18 to -23 dBm @ 25°C | Max.= -20.0dBm Min.= -21.7dBm | | |
| 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 @ 37 mA | | PMI QA 1 |

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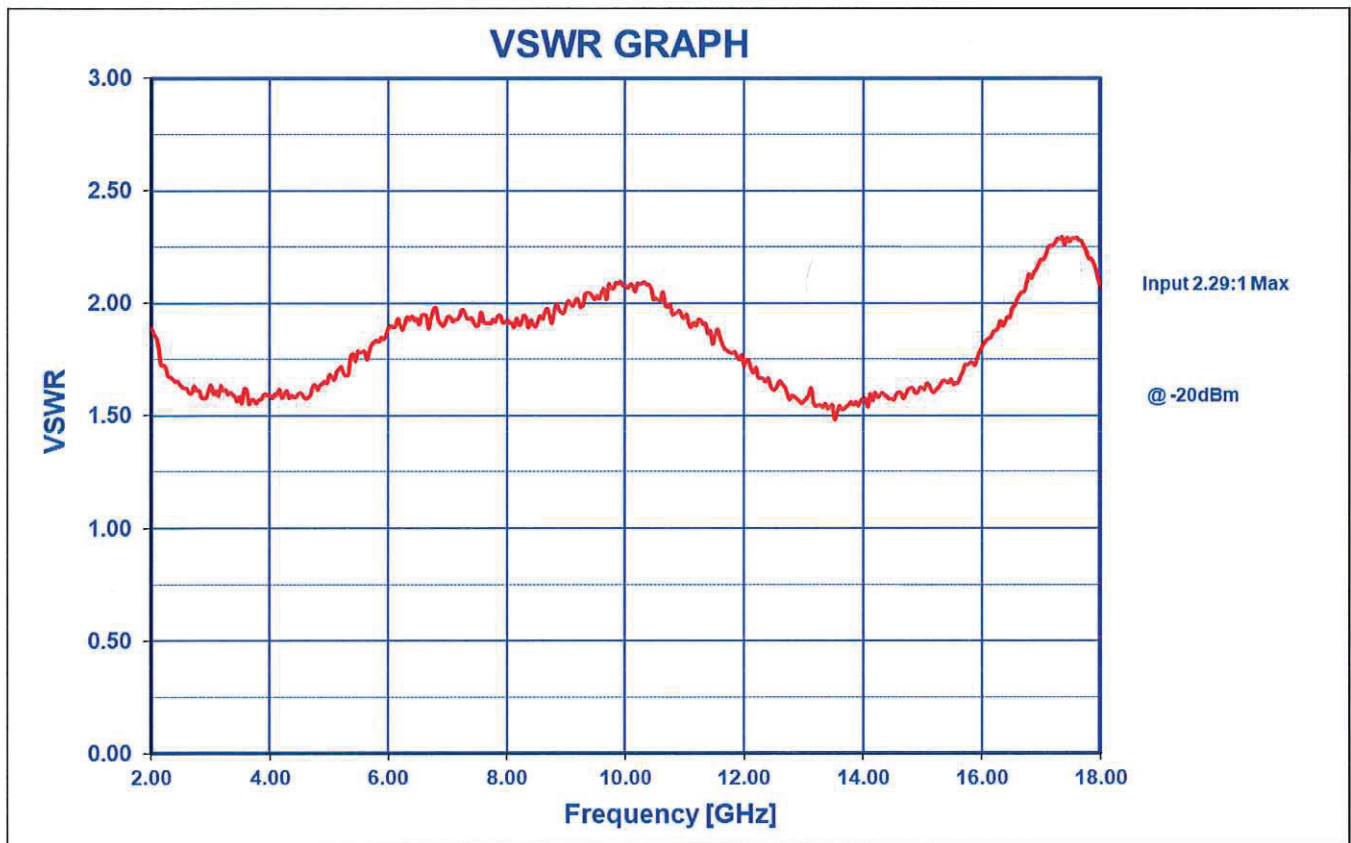
THRESHOLD SETTING STABILITY
± 3 dB max OVER FREQUENCY @ TEMPERATURE

| FREQ. | 2 GHz | 4 GHz | 6 GHz | 8 GHz | 10 GHz | 12 GHz | 14 GHz | 16 GHz | 18 GHz |
|---------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Pin @ 25 ° C | -21.4 | -21.7 | -21.3 | -20.7 | -20.4 | -20.4 | -20.4 | -20.6 | -20.6 |
| Pin @ -20 ° C | -21.6 | -21.4 | -21.4 | -20.7 | -20.5 | -20.6 | -20.4 | -20.6 | -20.6 |
| Pin @ 85 ° C | -20.4 | -21.6 | -21.2 | -20.6 | -20.3 | -20.3 | -20.1 | -20.4 | -20.5 |

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



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