

# Engineering Bulletin

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**ECLIPSE**  
**Engineering Bulletin**  
No: EB-0405

**Product : Eclipse Exciter**

**Topic : Substrate Crack found in Mitsubishi RF Power modules**

**Date : 15/12/2004**

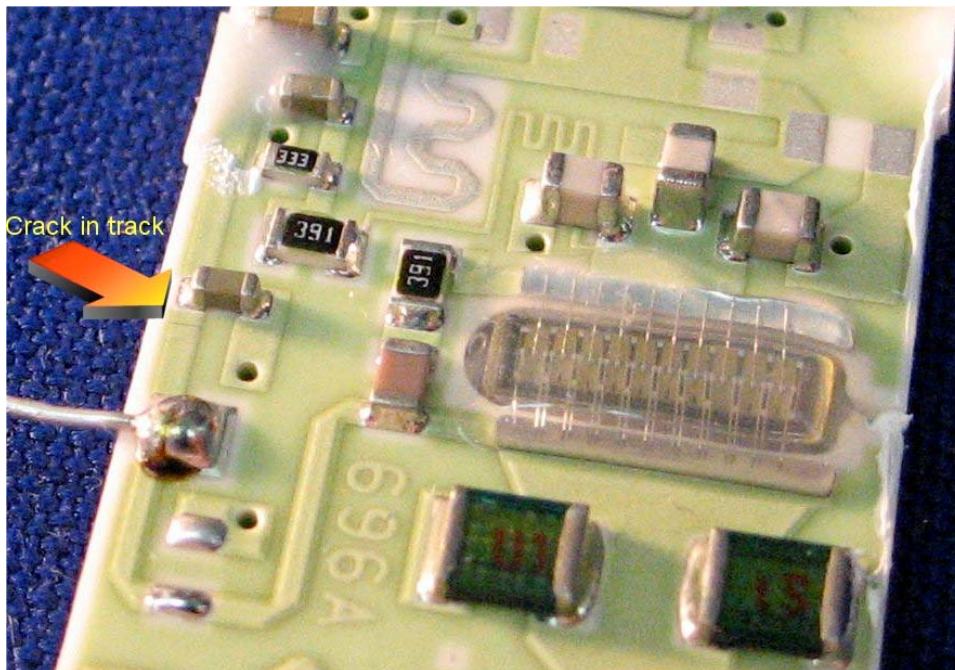
There have been recent reports of some faulty Mitsubishi modules in the field. The symptom is the exciter has no output power. The power supply track was broken inside the Mitsubishi RF power module due to the substrate cracked under some rapid temperature-changing situation.

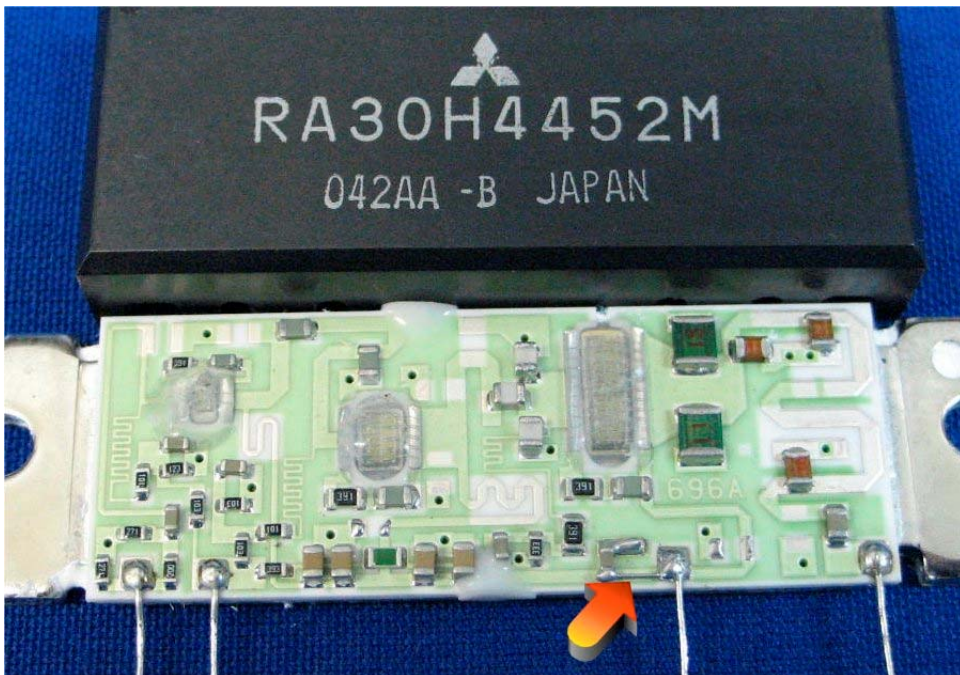
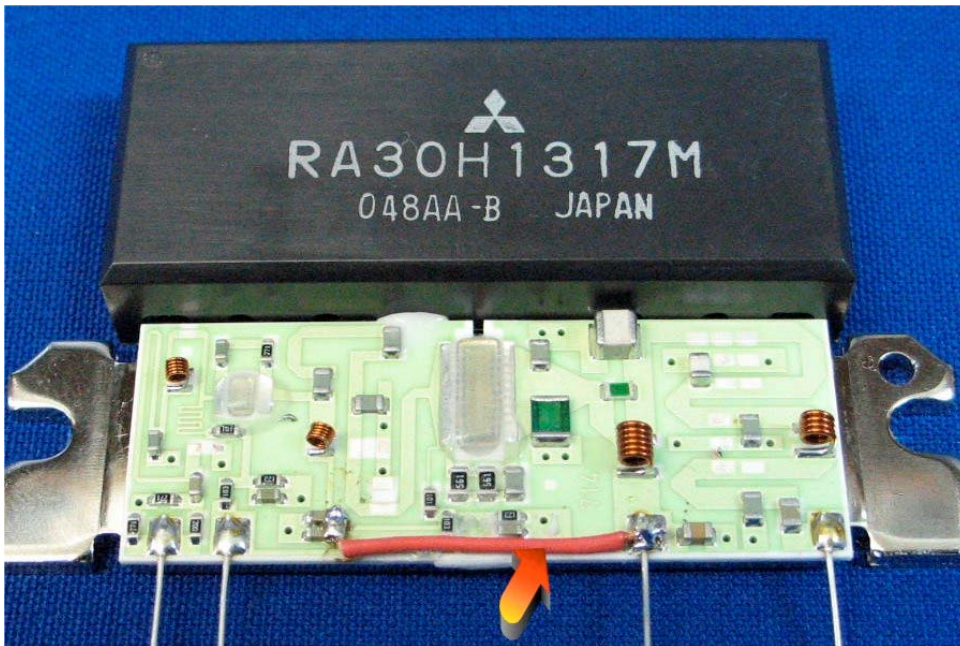
This fault can occur in two types of Mitsubishi RF power modules:

VHF: RA30H1317

UHF: RA30H4452

If you find any faulty exciter of this symptom, please contact RF Technology for power module replacement. We currently fix this problem by connecting an additional wire to ensure the crack will not affect normal operation of the module.





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RF Engineer

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