

SPIRE-ALC-COM-001467

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Sent: 21 November 2002 15:14
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Subject: Special precaution for instruments during Thermal Vacuum test, in case of vacuum

Sir,

Could you please identify which are the immediate actions or monitoring to be initiated with your instrument in case of break of the vacuum during TV/TB test ?

Situation: The satellite is under TV-TB test ($P < 10^{-8}$ mb), and for unexpected reasons, the pressure rises (to a value which could be up to 1 bar)

Proposed immediate action: Switch off the instrument, and use compensation heaters to maintain warm units within non operating range

Other precautions (ESD/Corona, coolers,?)

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