

# Equipotenzialità e rumore:

Evidenze della messa a terra del telescopio.

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Progetto EEE

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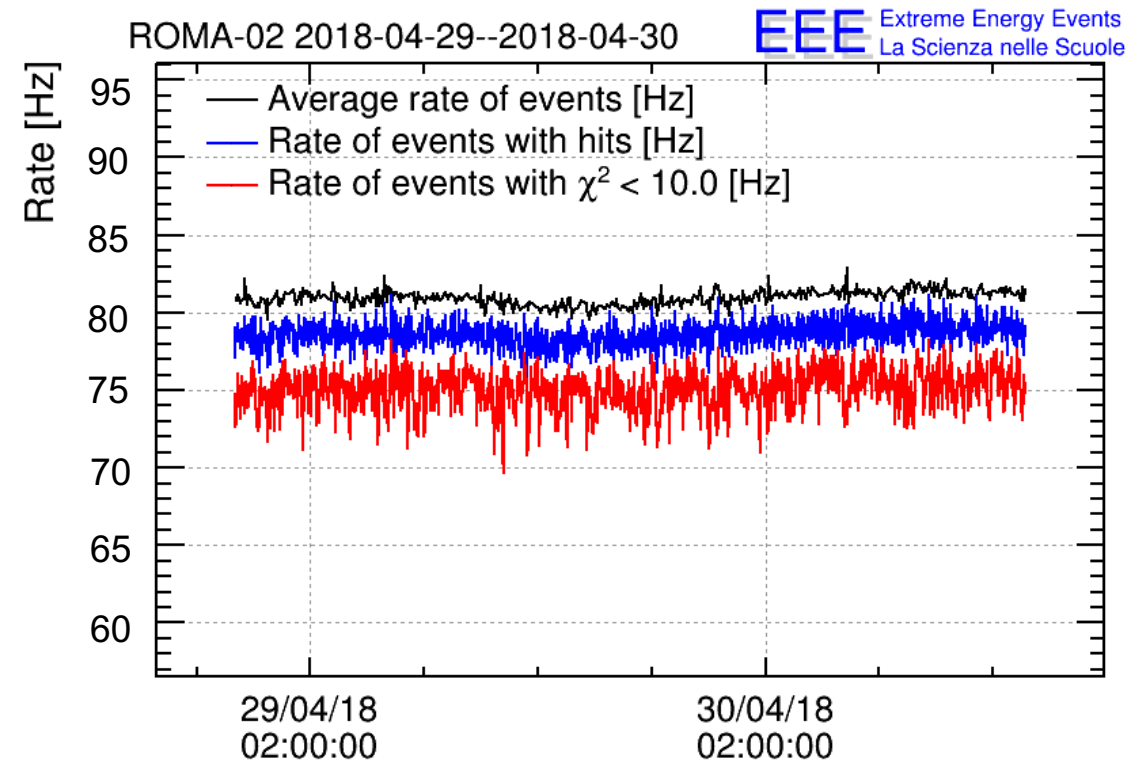
History:

Last year we revealed that our microscope was very noisy

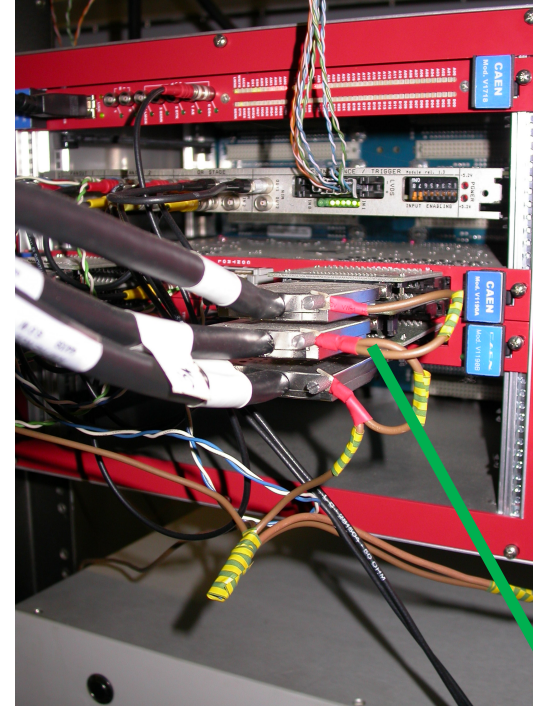
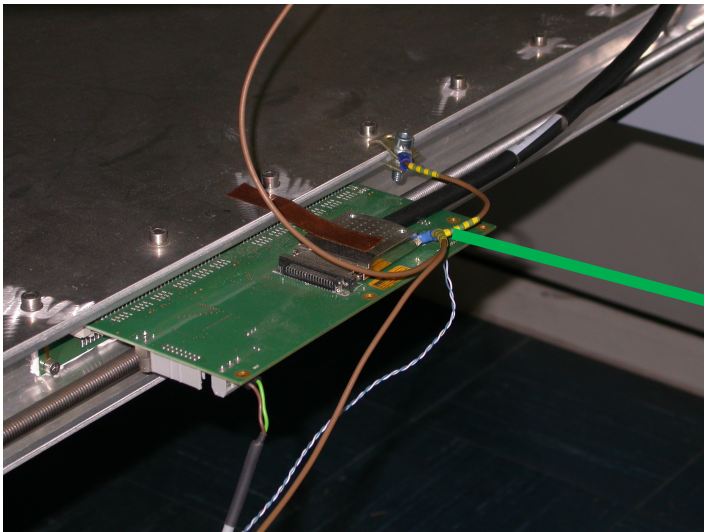
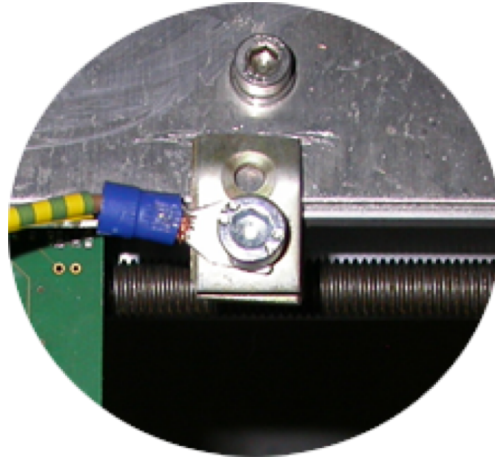
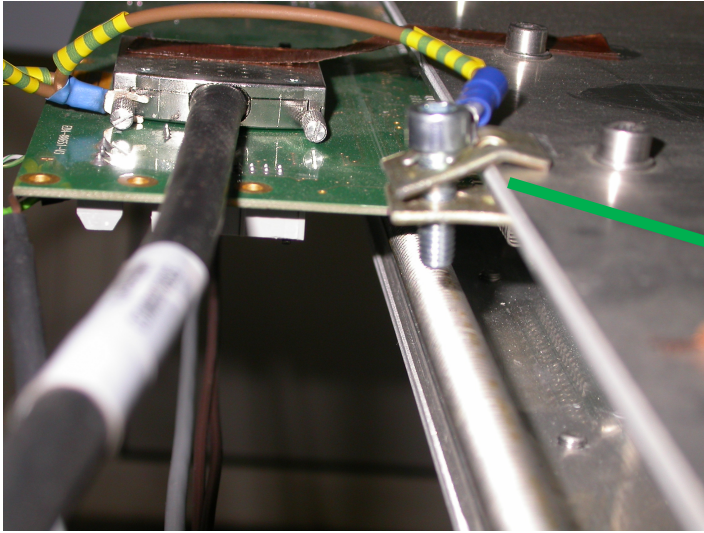
Our rate of events was about 80 Hz.

With clean data of about 75 Hz.

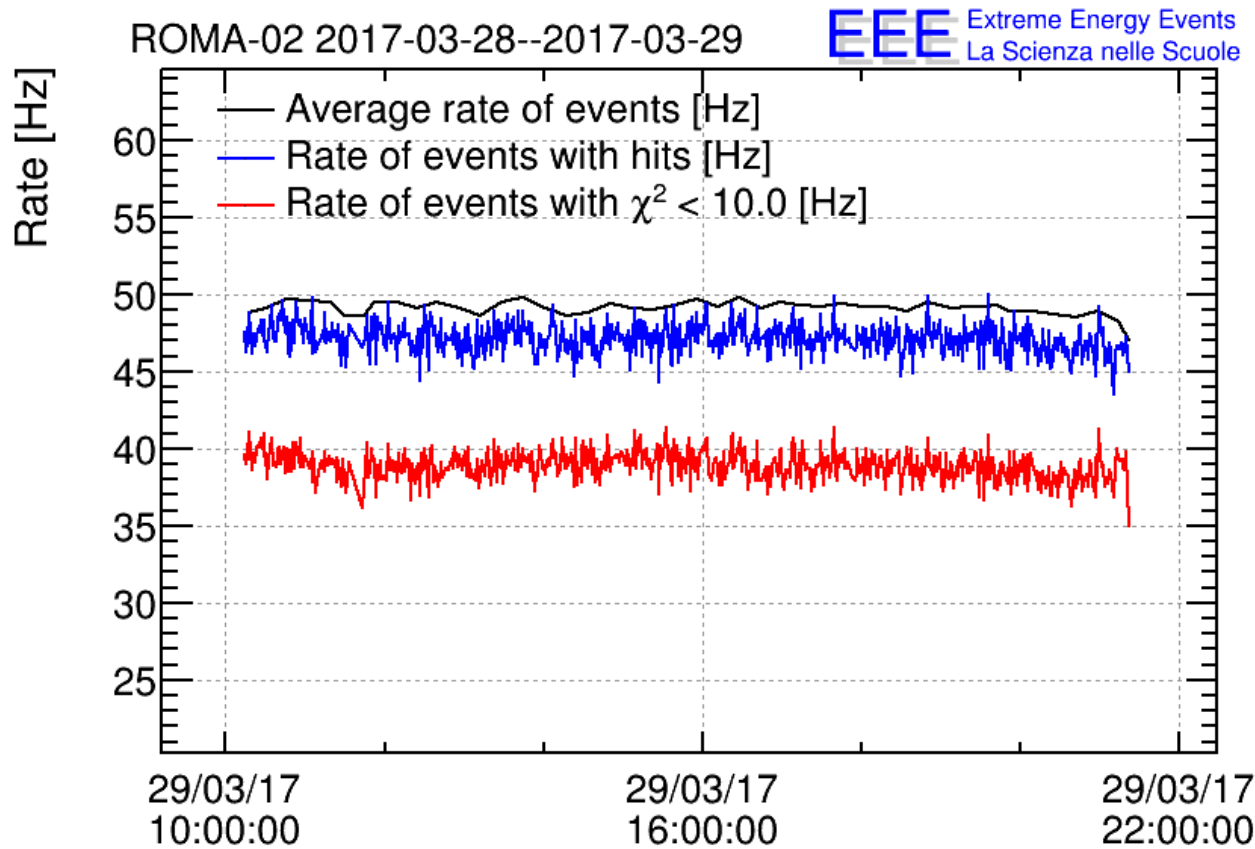
We hypothesized electronic noise to be the cause.



We decided to performed grounding of various electronic components



# After this intervention we resolved the noise decreased

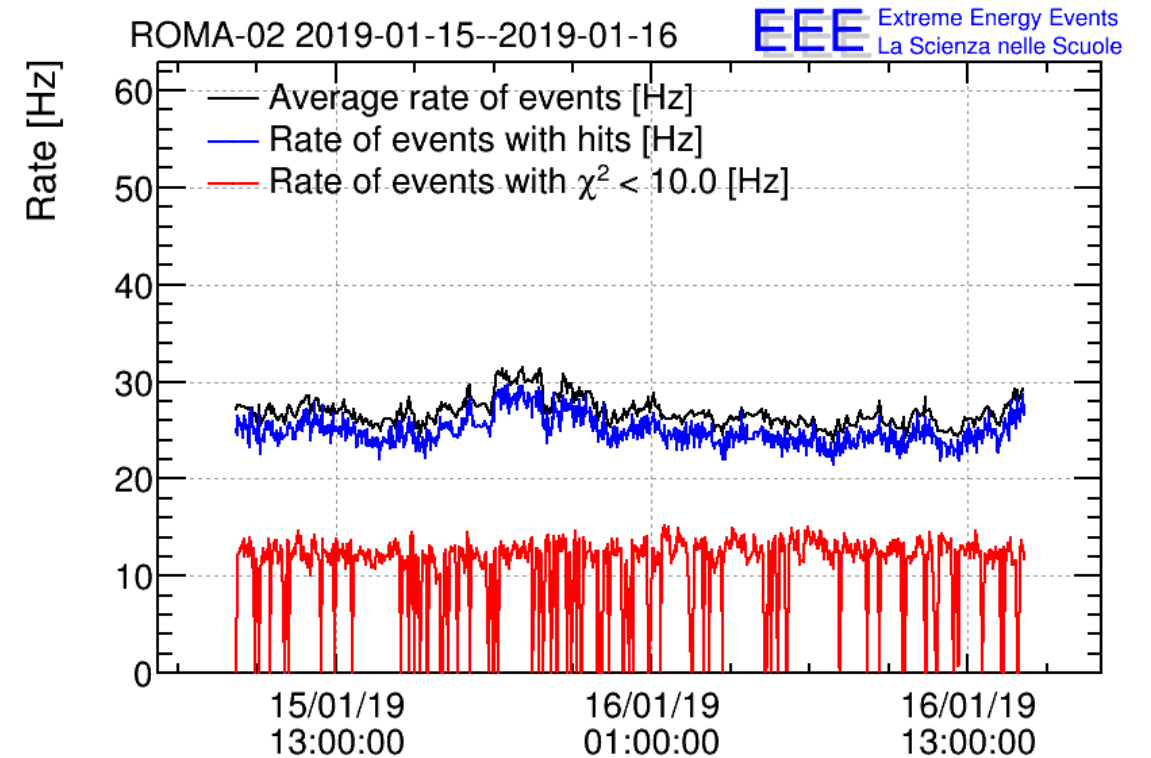
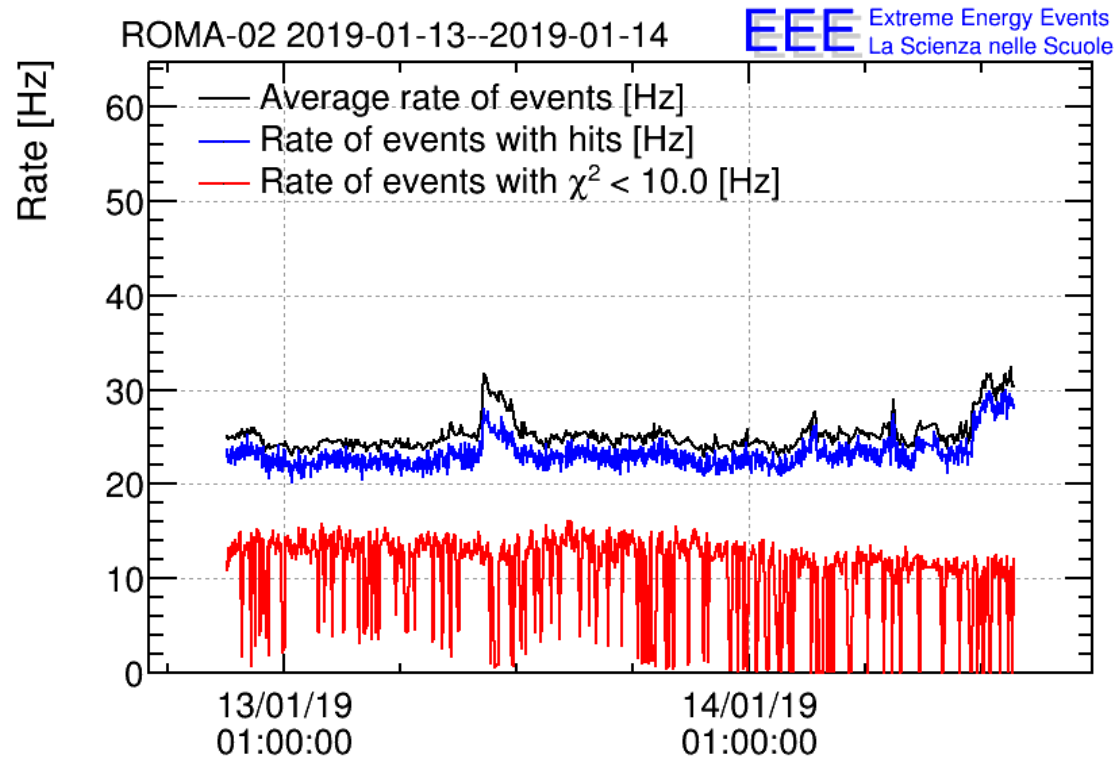


Our rate of events stabilized at about 45-50 Hz

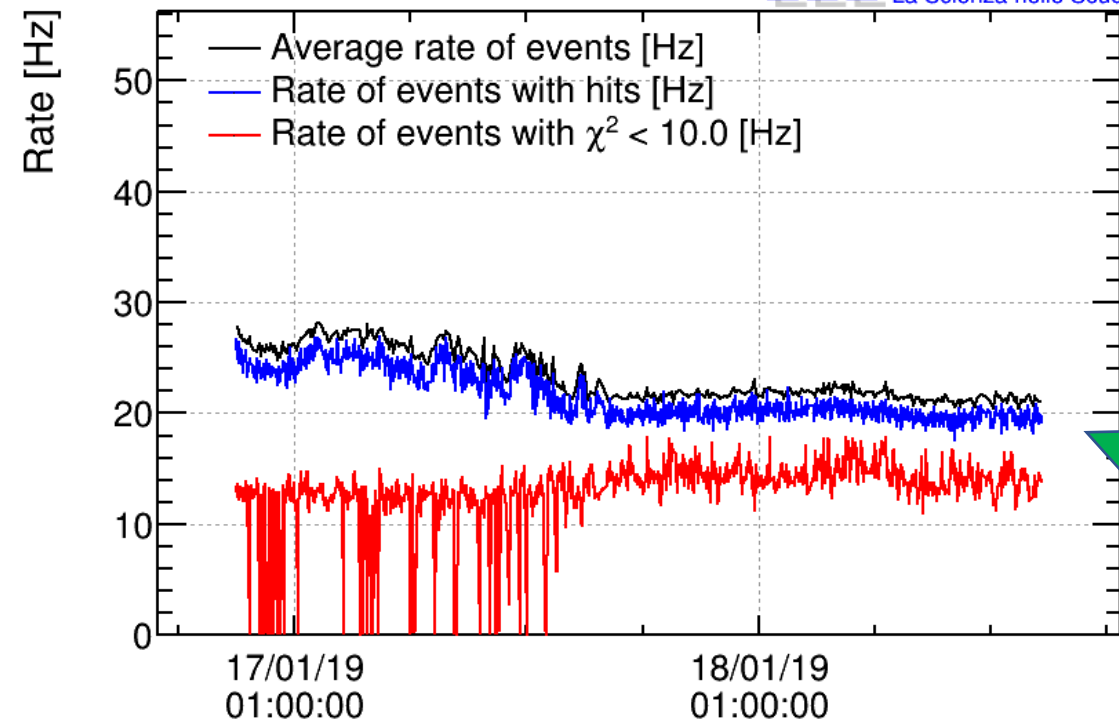
With clean data in the range of 35-40 Hz



## Recently we revealed a different signal problem



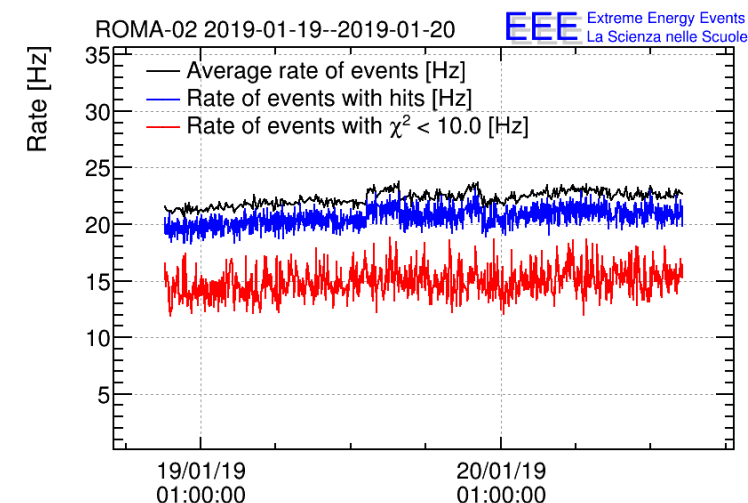
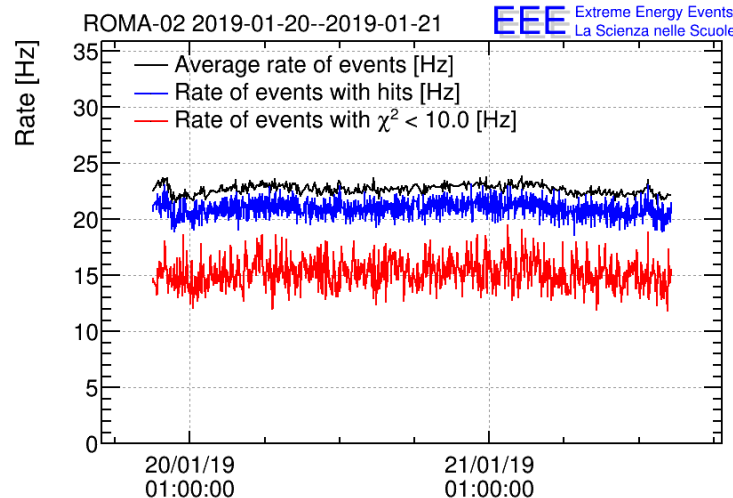
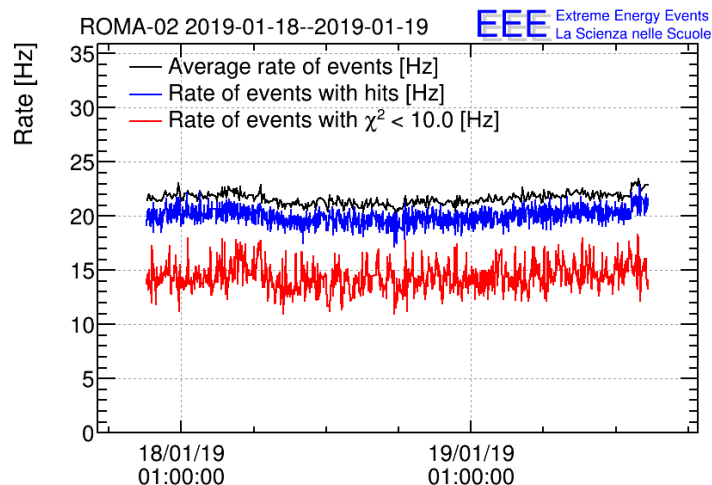
ROMA-02 2019-01-17--2019-01-18



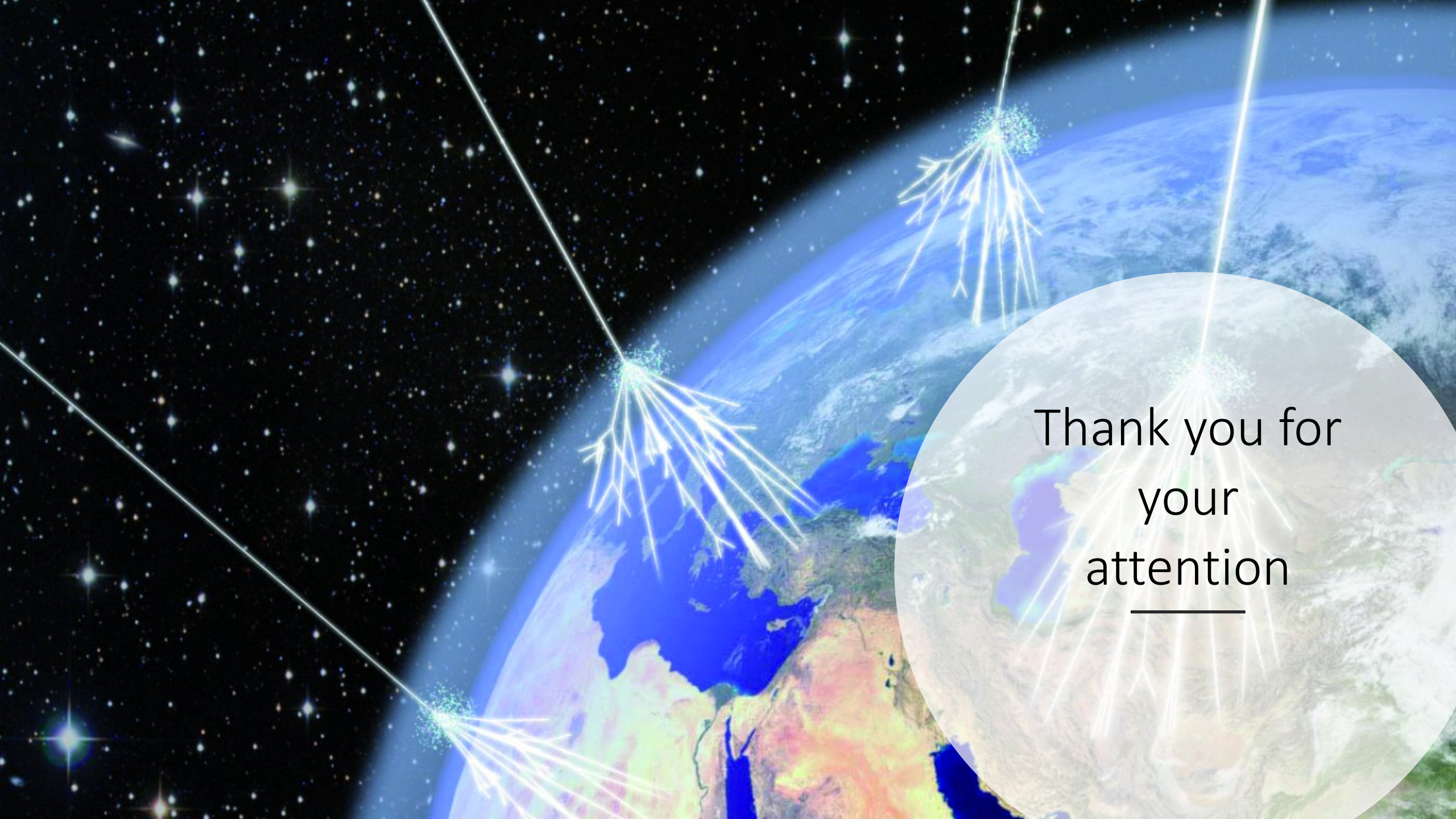
We performed a quality control of grounding cables during the day 18/01/19.

Obtaining this result

Signal stabilized during the next days







Thank you for  
your  
attention

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