



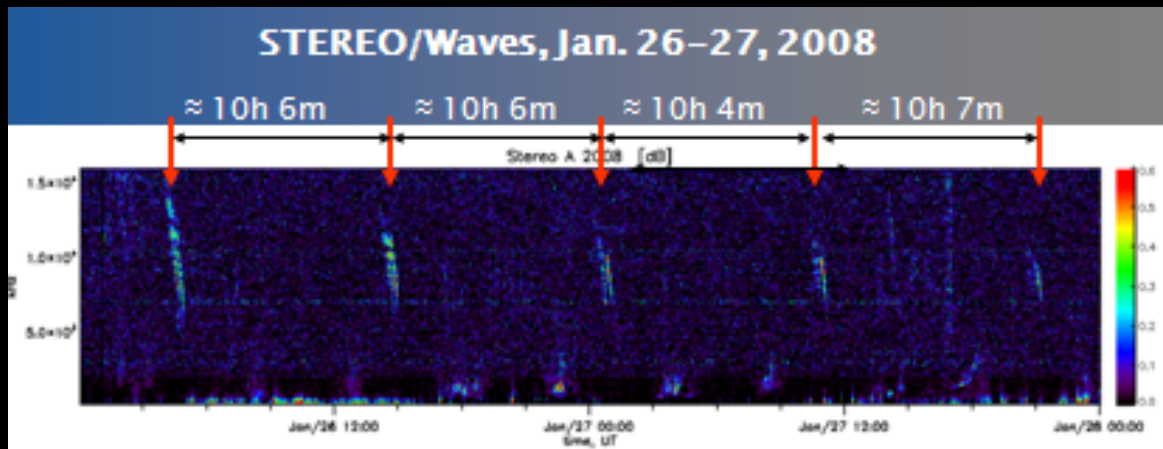
Analysis of radio waves in planetary magnetoplasmas:

Auroral (Terrestrial) Kilometric Radiation (AKR)

Jupiter Dekameter Radiation (DAM)

Saturn Kilometric Radio Emission (SKR)

Saturn Electrostatic Discharges (SEDs)



**2010: Discovery of a new Jovian radio component with
~ 1.5% longer periodicity than System III
(Panchenko et al., GRL 2010)**

Commission H

Waves in Plasmas



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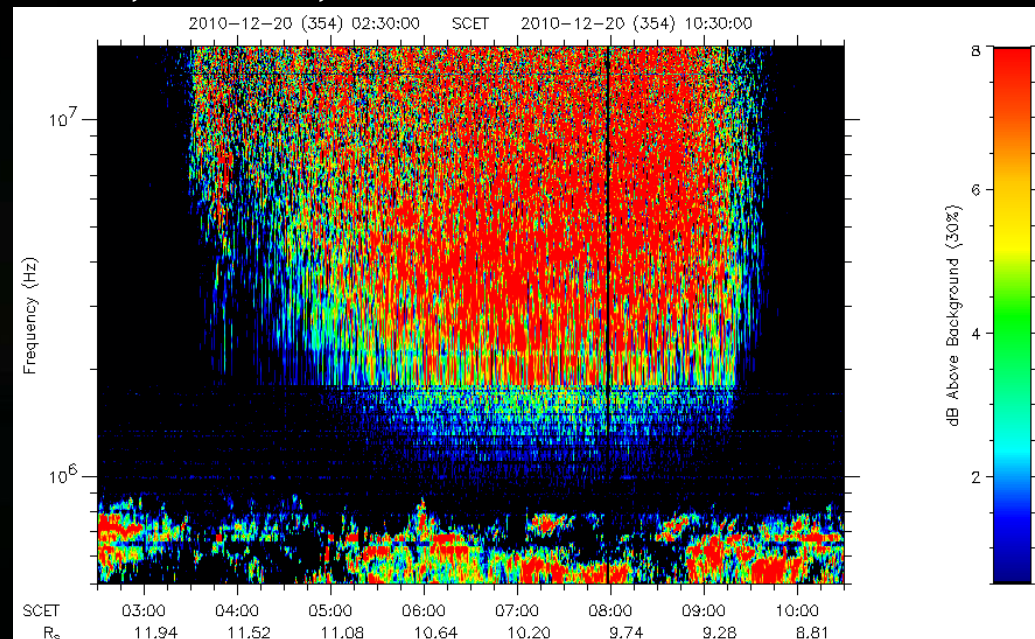


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Since 2010: Giant storm on Saturn

Fischer and Gurnett, Nature, 2011



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Radio spectrum with lightning signatures
(Cassini/RPWS)