



## **A loss mechanism for relativistic magnetospheric electrons: dayside outer zone (DOZ) chorus**

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Dayside outer zone (DOZ) chorus is an electromagnetic whistler mode emission that occurs in the outer portions of the magnetosphere near the magnetopause. DOZ chorus also occurs in “minimum B pockets”. The properties of DOZ chorus will be explored such as the polarization, angles of propagation, intensities and regions of generation. It will be shown that extremely intense wave-particle interactions will take place between DOZ chorus and relativistic electrons, leading to relativistic microbursts.