



Venus Express Magnetic Observations of the Venus Magnetotail

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Although there is no intrinsic magnetic field at Venus, it possesses a well-defined magnetotail as part of the induced magnetosphere. Previous PVO measurements revealed the general features of this magnetotail in the distant wake region, mainly 8 to 12 R_V down the tail. In this study, we examine the Venus Express magnetometer data and perform a statistical study of the average structure of the near Venus magnetotail and its current sheet, 1 to 3 R_V down the tail.