

## **A Study of Far Infrared Cavity At $-3.6^\circ$ Galactic Latitude**

We have present properties like inclination angle, dust color temperature, and dust mass of core region in far-infrared located nearby White dwarf WD2236+541. The size of the cavity is  $0.84 \text{ pc} \times 0.51 \text{ pc}$ . The cavity is formed by high pressure at the time of white dwarf formation. The dust color temperature varies from 22.42K to 27.43 K. The inclination angle of the cavity is  $54.2^\circ$ . The position of the white dwarf is found at R.A. J (2000)= 22h38m24s and Dec. J (2000)=  $+54^\circ 26' 19''$ .

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