THE X-RAY HALO OF G21.5-0.9

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G21.5-0.9 is a plerion which possesses the surprising characteristics of having an X-ray emission more extended than that in radio. The origin of the X-ray halo is still under debate: it is unclear how short-lived X-ray electrons may reach distances even larger than radio electrons. We introduce the possibility that this object is surrounded by a consistent dust scattering halo: this is also suggested by an empirical relationship with the photoelectric column density, which leads to a dust scattering optical depth around 1 at 1 keV. We re-analyze the Cal/PV XMM observation of G21.5-0.9 and critically examine the dust scattering model. We also present a detailed spectral analysis of a prominent extended feature in the northern sector of the halo.