Supplement of Ann. Geophys., 44, 109–122, 2026
https://doi.org/10.5194/angeo-44-109-2026-supplement

Annales Geophysicae Open Access EGU

Supplement of

Data reduction of incoherent scatter plasma line parameters

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Supplementary Figures

Supplementary Figures S1–S12: Daily versions of Figures 6 and 7 for 26–31 January 2022. For each day, panel (a) shows the ion line estimates of electron density and temperature (cf. Fig. 6 in the main text), and panel (b) shows the plasma line parameters derived from the supervised detection methodology (cf. Fig. 7 in the main text). These plots demonstrate that the results and trends presented in the main manuscript are consistent across all six days.

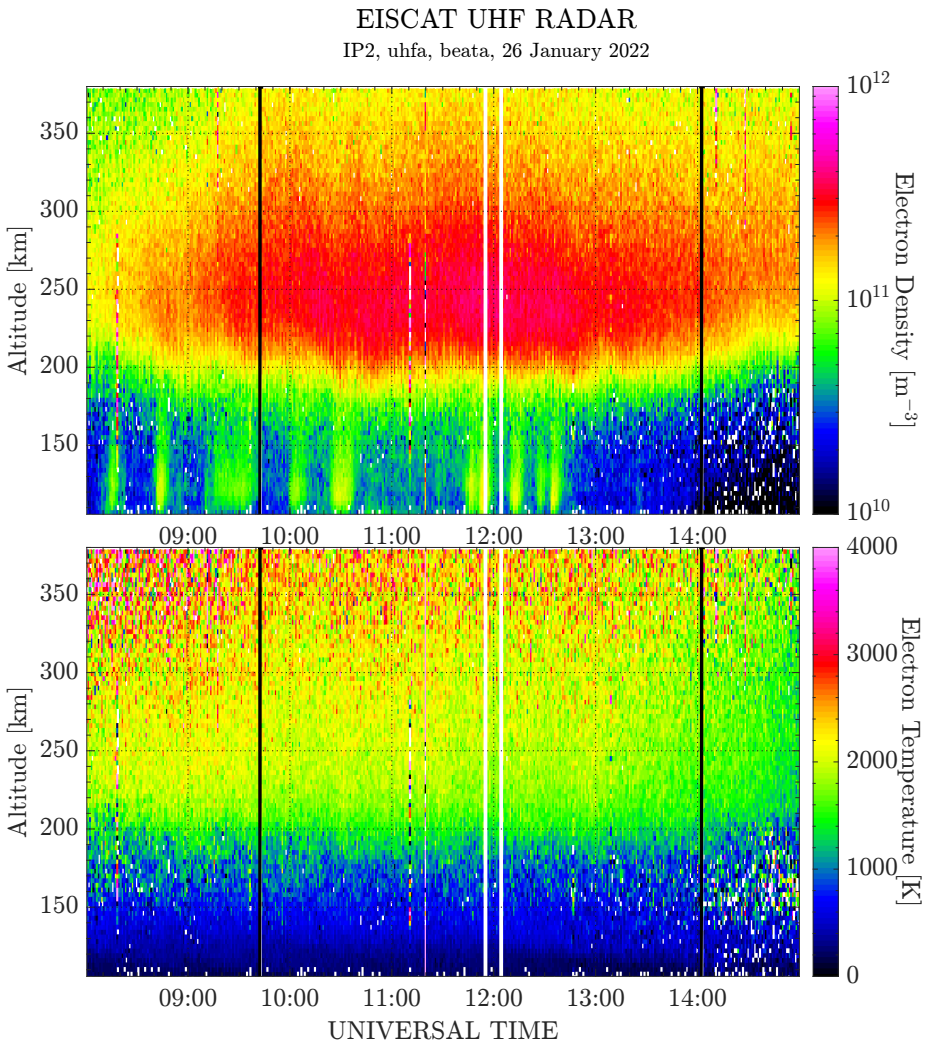

Fig. S1: Ion line estimates 26 Jan 2022.

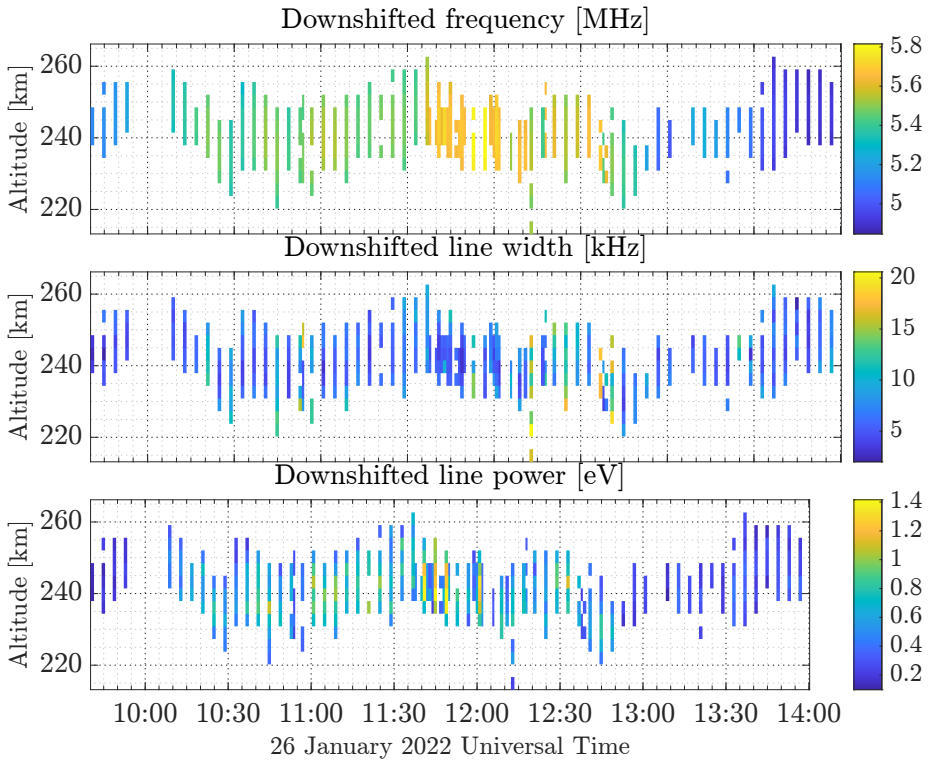

Fig. S2: Plasma line parameters 26 Jan 2022.

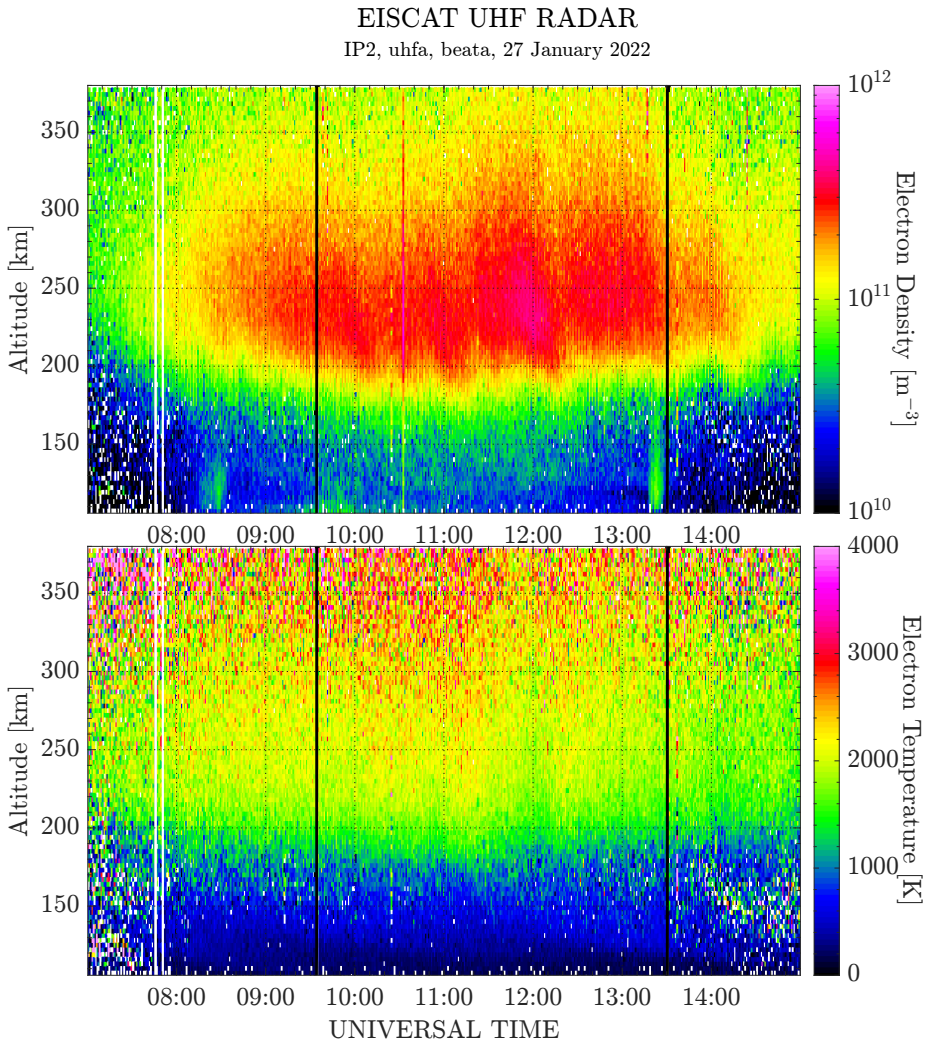

Fig. S3: Ion line estimates 27 Jan 2022.

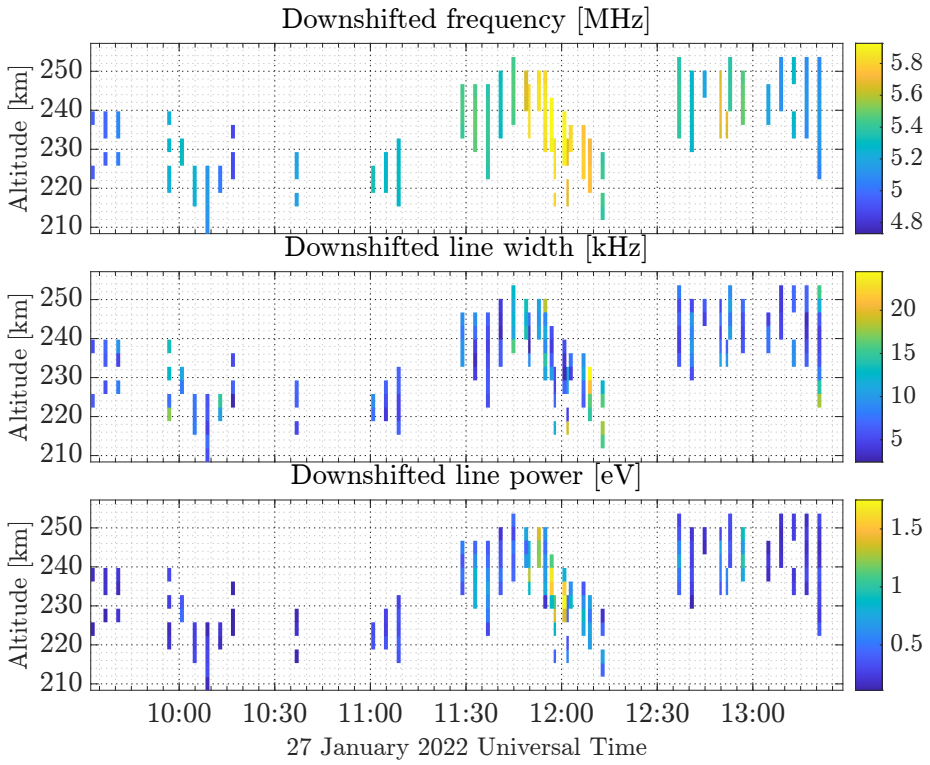

Fig. S4: Plasma line parameters 27 Jan 2022.

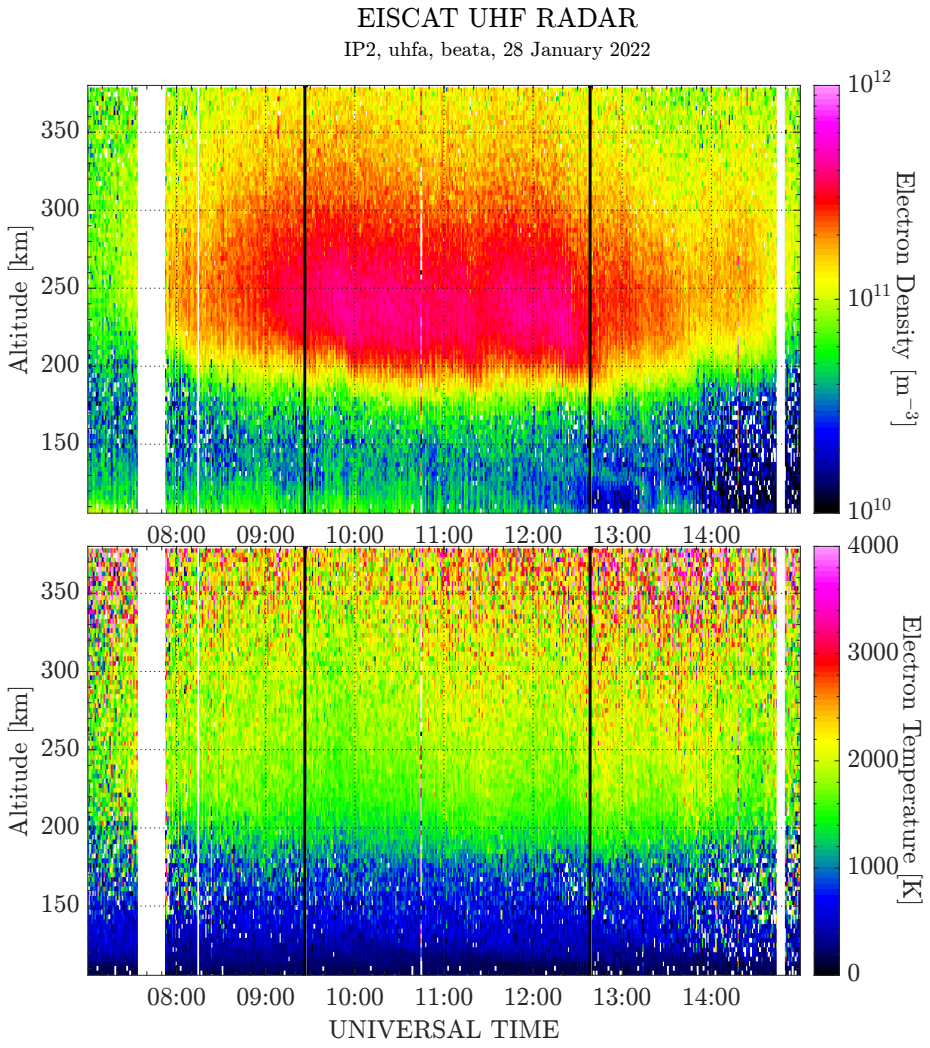

Fig. S5: Ion line estimates 28 Jan 2022.

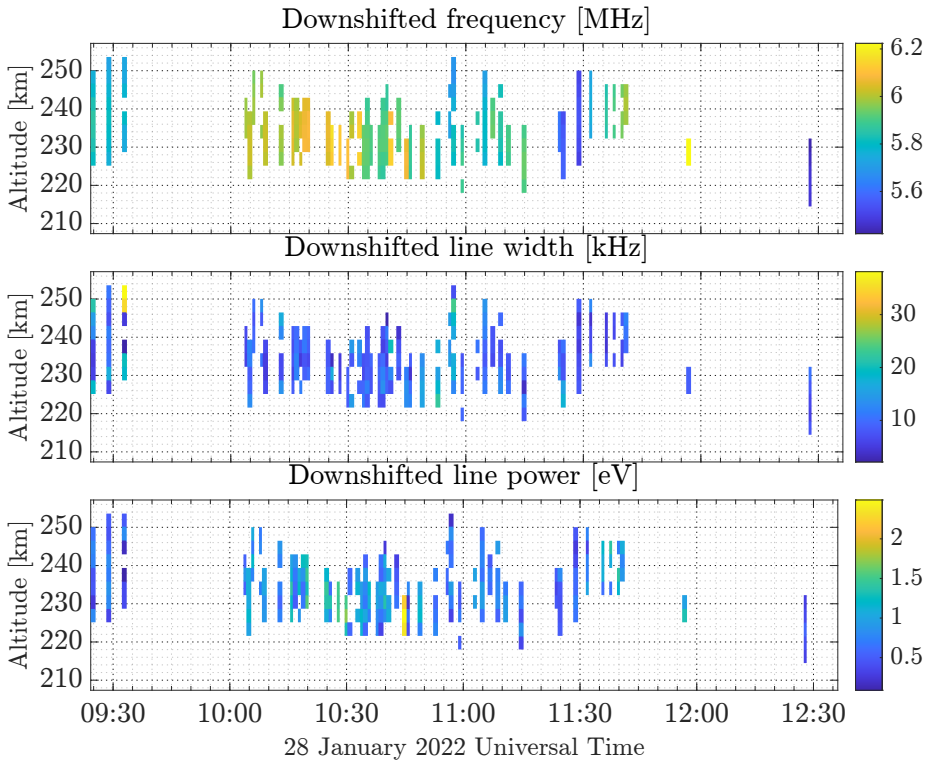

Fig. S6: Plasma line parameters 28 Jan 2022.

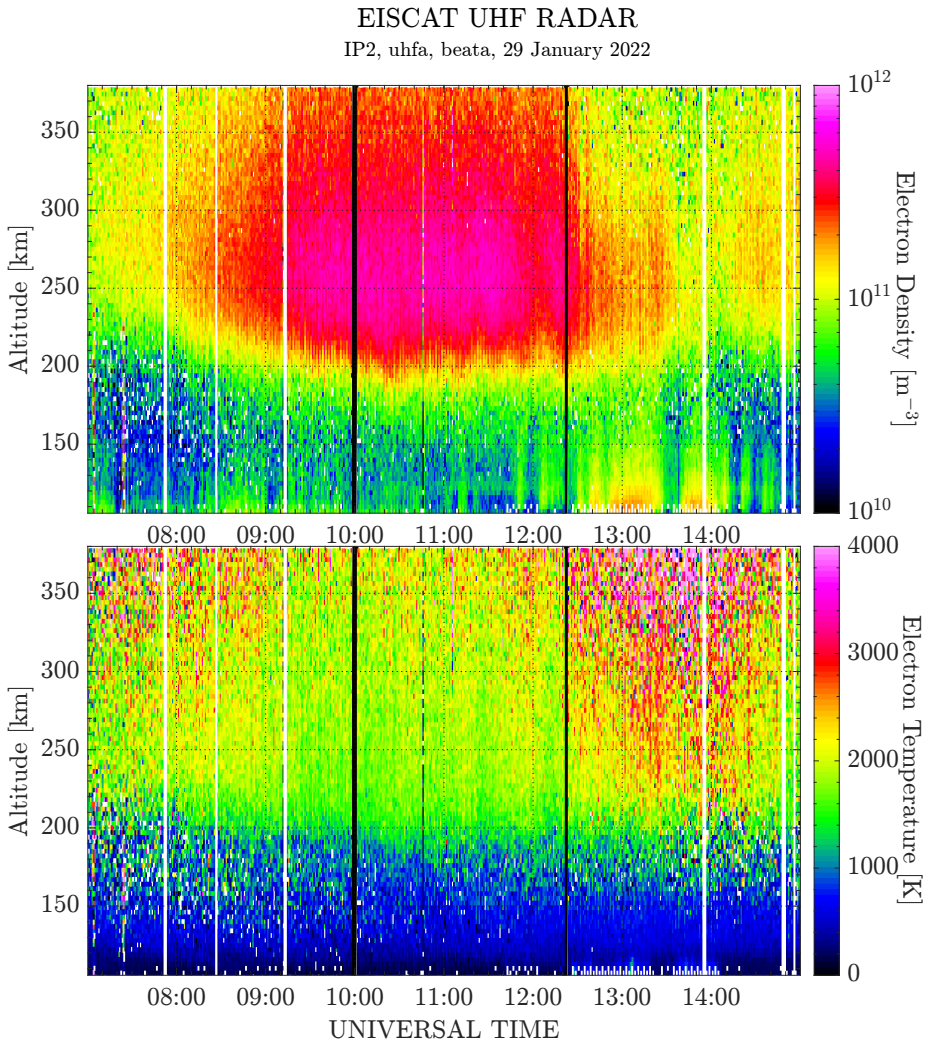

Fig. S7: Ion line estimates 29 Jan 2022.

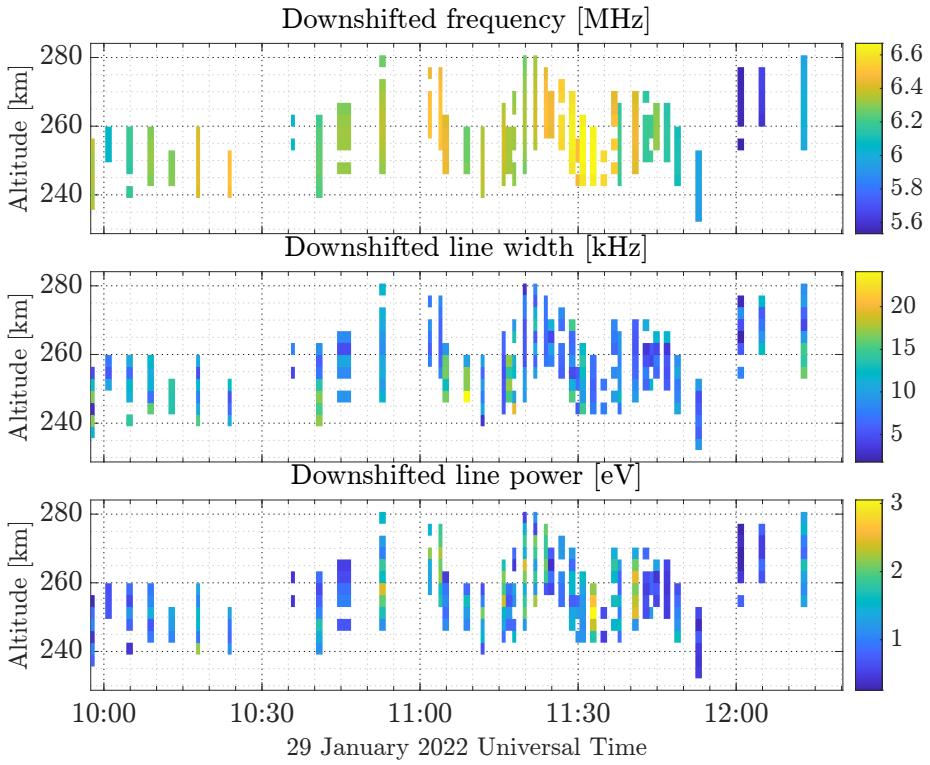

Fig. S8: Plasma line parameters 29 Jan 2022.

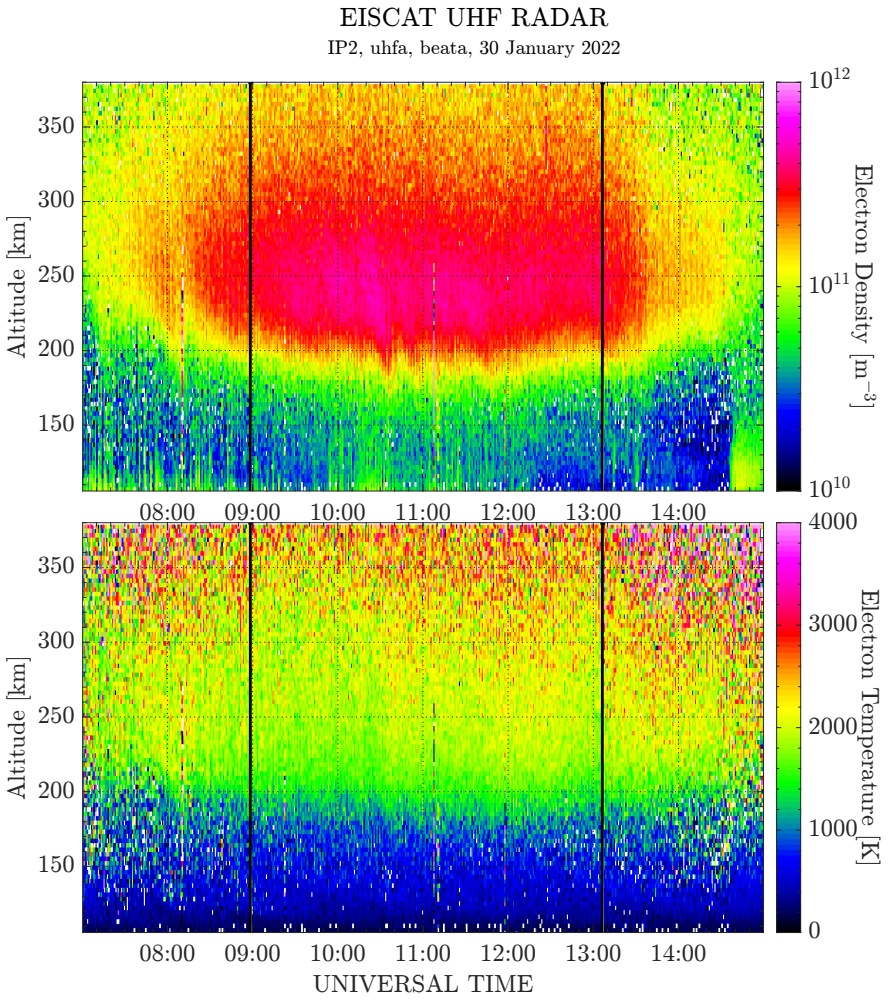

Fig. S9: Ion line estimates 30 Jan 2022.

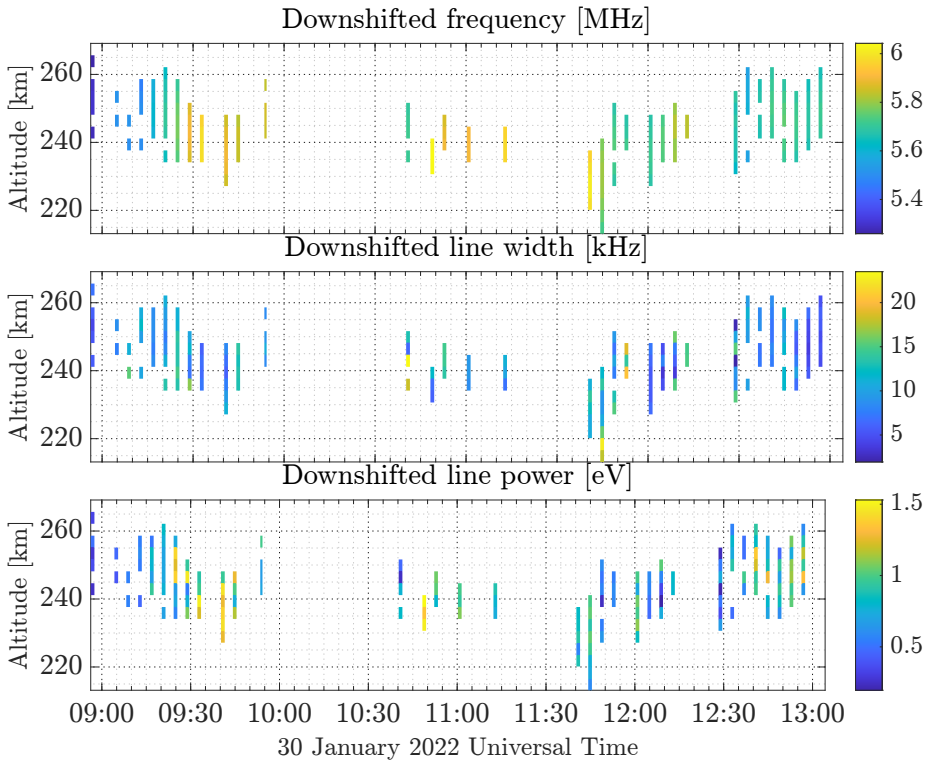

Fig. S10: Plasma line parameters 30 Jan 2022.

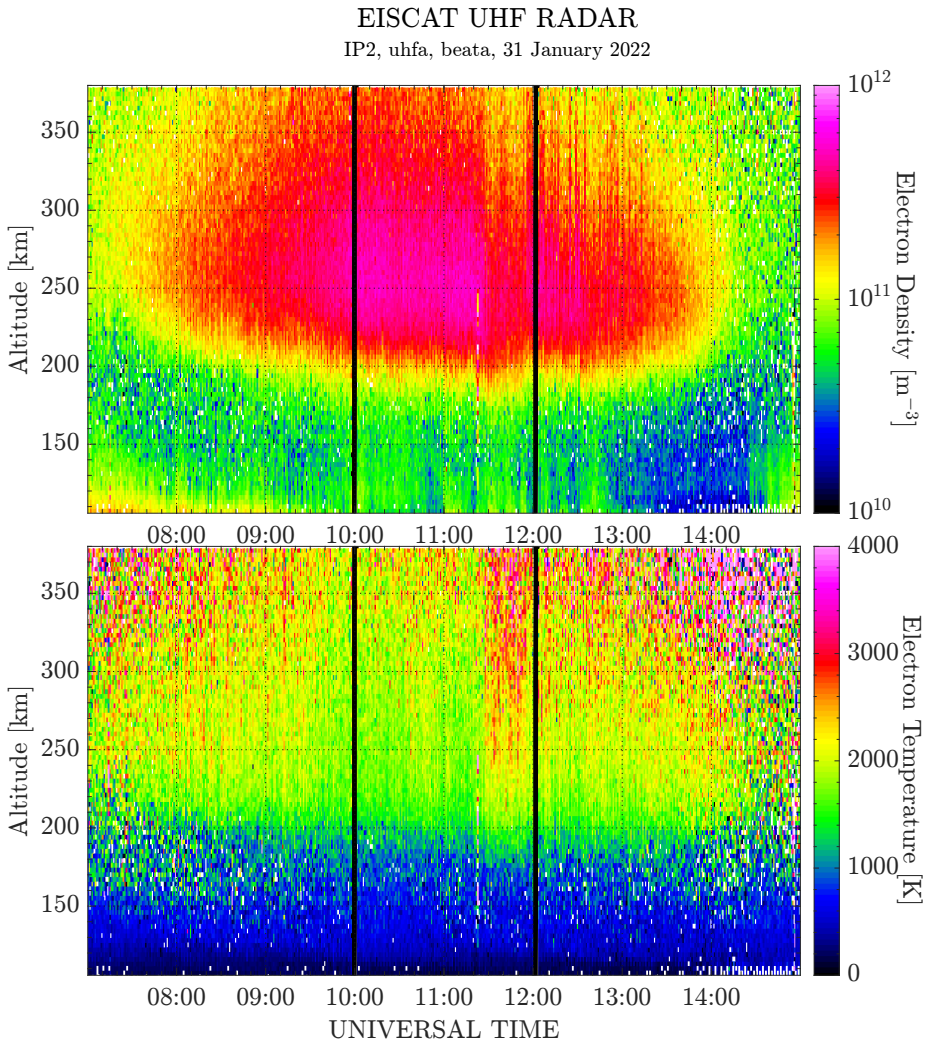

Fig. S11: Ion line estimates 31 Jan 2022.

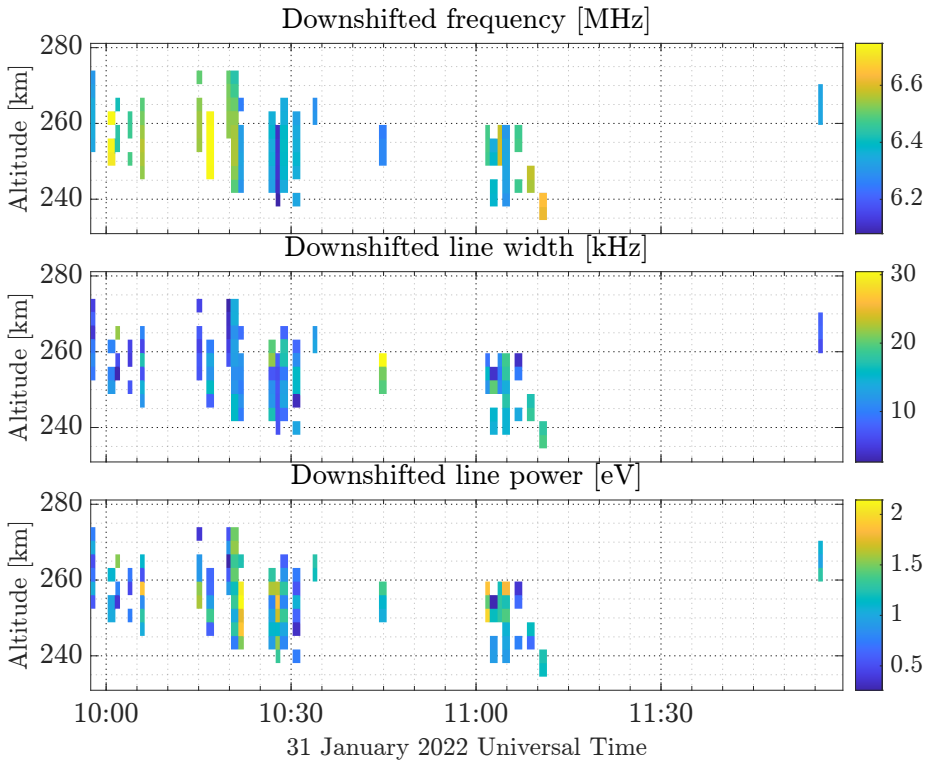

Fig. S12: Plasma line parameters 31 Jan 2022.