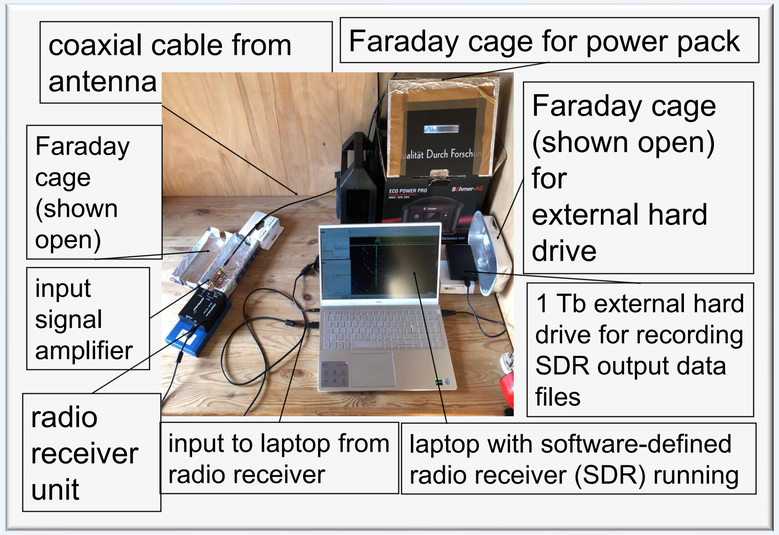
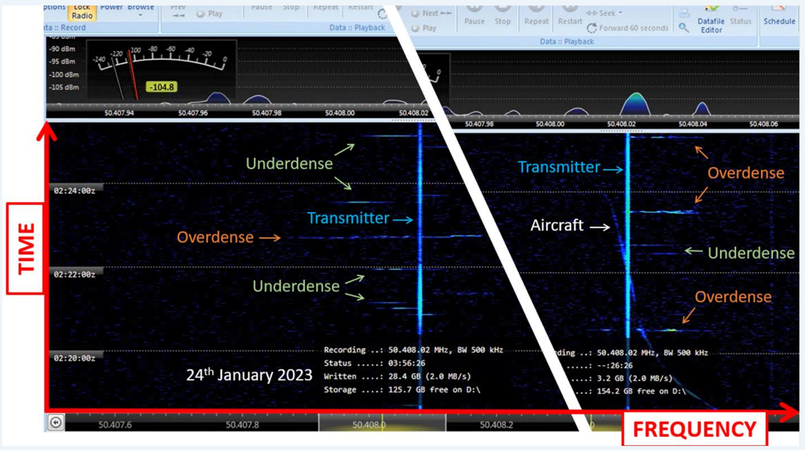
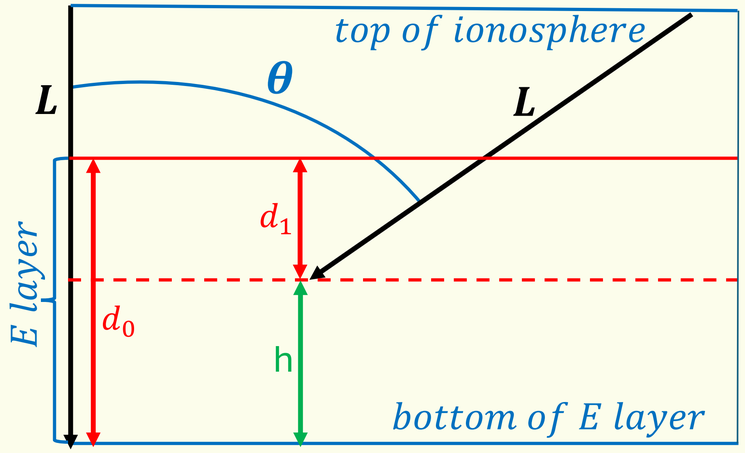
1. Equipment and Set-Up



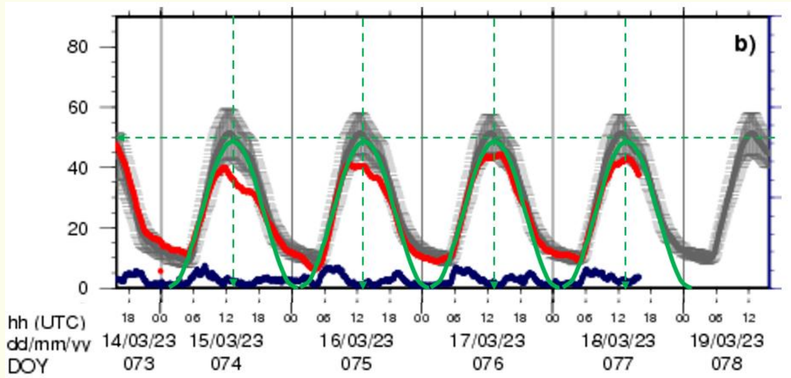


2. Assumptions



$$I \propto L \cdot cos^2(\theta) - (L - d_0) \cdot \cos(\theta)$$

3. TEC (electrons / m^2)

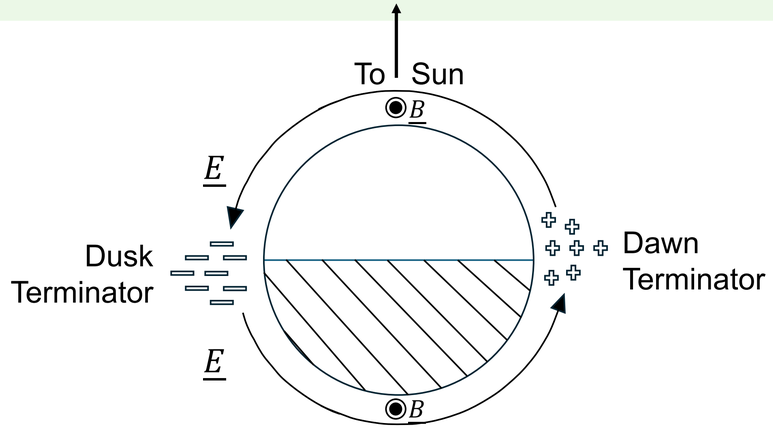


5. Objectives & Conclusions

Objectives: To collect and analyse data on sporadic meteors outside of known meteor showers.

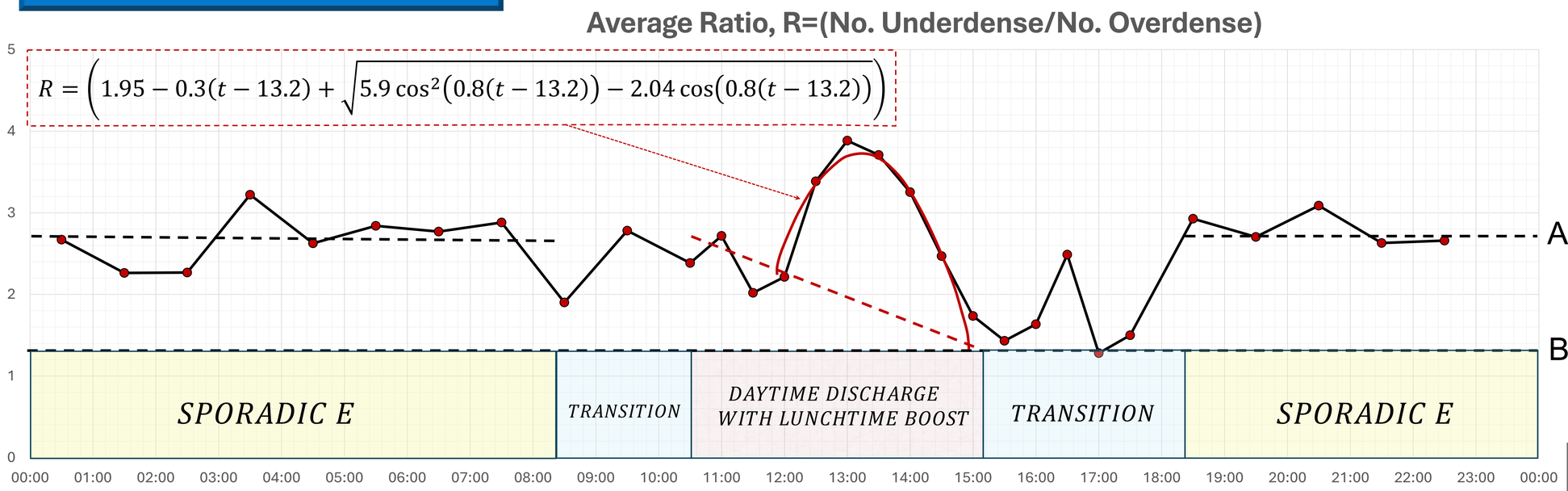
Conclusions: The ratio of detected underdense to overdense sporadic meteors shows a consistent pattern of fluctuation, which may be influenced by solar effects on the ionosphere.

6. Transition Diagram



Kelly, M.C., 1989. The Earth's Ionosphere: Plasma Physics and Electrodynamics. San Diego: Academic Press.

4. Results



EXCLUDING DATA FOR WHICH #OVERDENSE ≤ 4 PER HOUR

AVERAGE OVER 6 DAYS OF DATA

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