

PRBEM Document Review

-General Comments

- How do PRBEM maintain “Data Analysis Procedure”? The latest versions(v1.2) was published in 2012. So almost 10 years old document.
- The document shows “Gold-Standard” as CRESS MEA for electrons and GOES-08 SEM for protons. How to define current “Gold-Standard”? Van-Allen Probes? Arase? Others?
- How do PRBEM define criteria of “conjunction”? It would be better to show some reference papers. Current criteria of “conjunction” seems to exclude GEO observation, and GEO-GEO cross-calibration. It would be necessary for us to find a way to do this.

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-Other comments

- NICT will have needs to cross-calibrate QZSS space environment data in near future. The orbit of QZSS is located more higher L* shell region.
- It seems proton contamination to high energy electron sensor is discard (Figure 3). On the contrary, electron contamination to high energy proton sensor is corrected (Figure 6). What is the difference?
- IV. 1.2 Contamination by relativistic electrons : The title shows the contamination due to relativistic electrons, however, the description shows contamination due to high energy protons. On the contrary, last sentence seems that this is due to enhancement of high energy electrons. Which is correct?