

All FIT and SCI files were interrogated. ENG*FIT file data were calibrated and compared to SCI*FIT file data to a similar degree of fidelity to previous PDS reviews. The mean of differences between radiometer data in the SCI*FIT and the ENG*FIT files was 7.8×10^{-9} dBm, and the standard deviation was 1.17×10^{-6} dBm. For the RCP data, these were $\mu = 2.9 \times 10^{-8}$ dBm, and $\sigma = 1.17 \times 10^{-6}$, and for the LCP data $\mu = -1.6 \times 10^{-8}$ dBm, $\sigma = 1.16 \times 10^{-6}$ dBm. In-Phase and Quadrature data were also compared in this manner.

The difference between raw and calibrated I and Q values was $< 5.0 \times 10^{-5}$ mV.

Documentation was sufficient for the interrogation of the *FIT files, and calibration procedures remain well-described. All FITs files were able to be read programmatically.

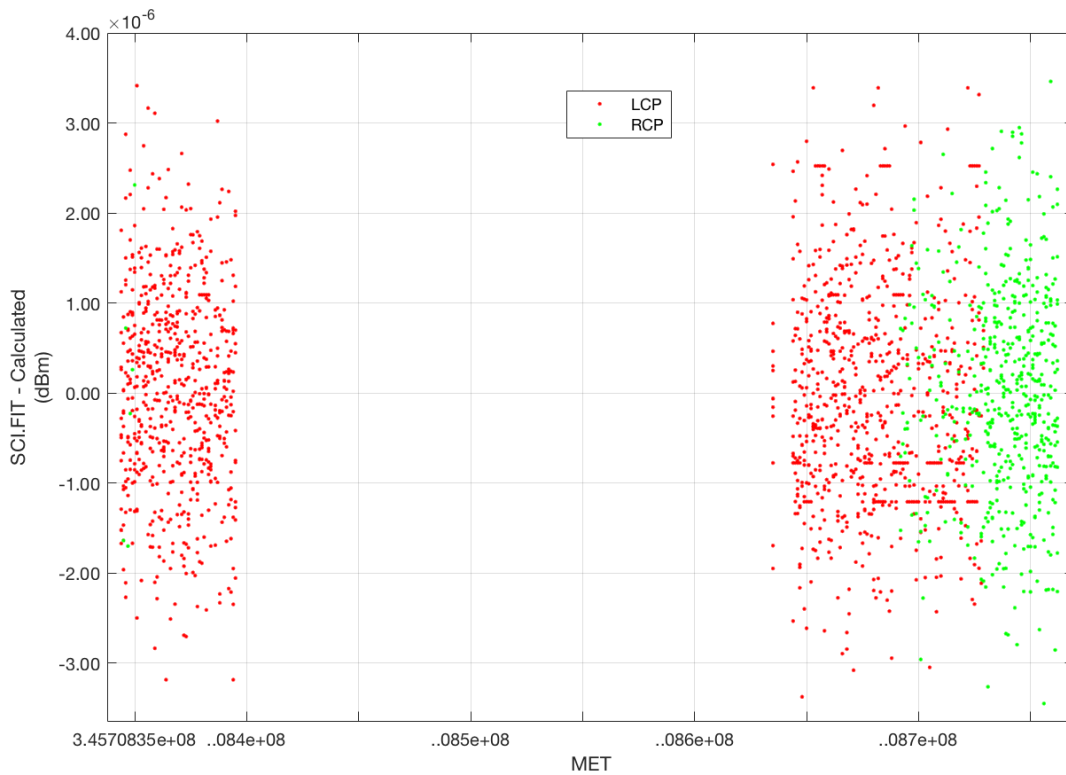


Figure 1 Differences between all SCI*FIT files' radiometer data and the calibrated radiometer data from ENG*FIT files. (MET 3.4570835e+08 to 3.45708762e+08).

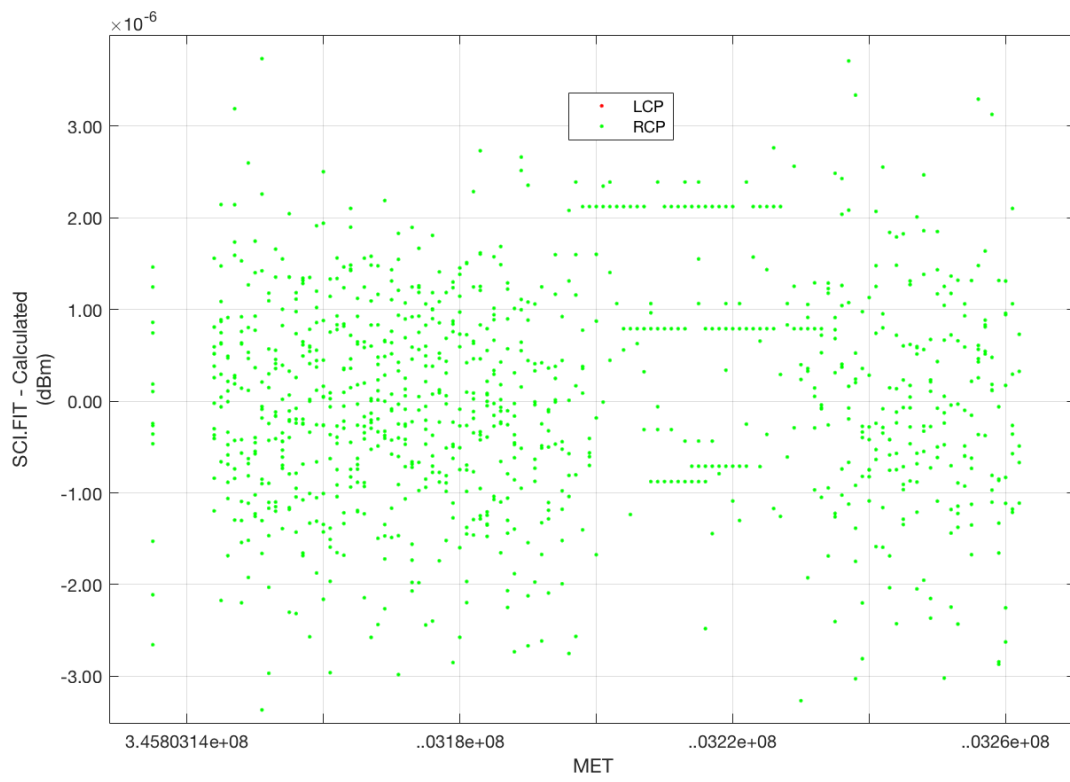


Figure 2 Differences between all SCI*FIT files' radiometer data and the calibrated radiometer data from ENG*FIT files (MET 3.45803135e+08 to 3.45803262+08).