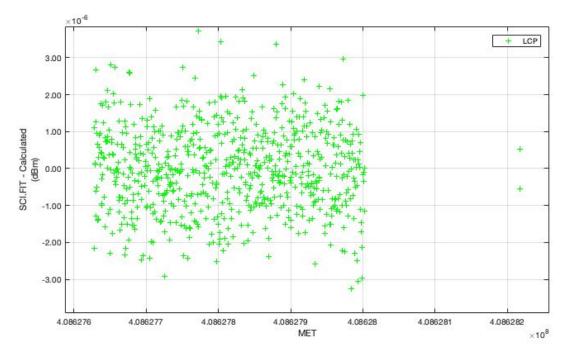
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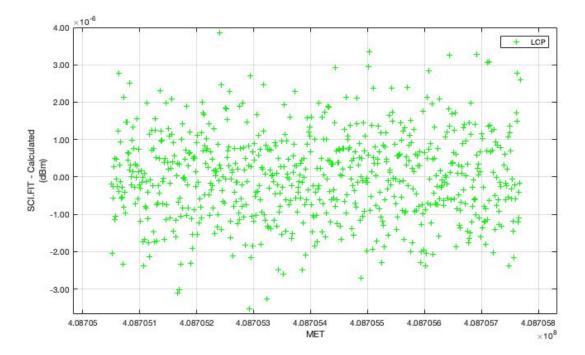
All science and engineering FIT files were interrogated without error. ENG*FIT were compared to their respective SCI*FIT via the documented calibration in Sec. 12.3.1.2 of the ICD (Ref. 1). The mean of the differences between SCI*FIT and calibrated ENG*FIT radiometer data was -5.2×10^{-9} dBm, with a standard deviation of 1.13×10^{-6} dBm. Figures 1 and 2 show the differences computed from this comparison. No RCP values were plotted as a result of the dataset containing only LCP records.

In-Phase and Quadrature data were also compared through the calibration in Sec. 12.3.1.1 of Ref (1). The mean difference between engineering and science records for I and Q values was calculated to be less than -2×10^{-10} mV.



Supporting documentation was sufficient for the interrogation of *FIT files.

*Figure 1: Differences between SCI*FIT files' radiometer data and the calibrated data from ENG*FIT files (MET 408627628 to 408628218).*



*Figure 2: Differences between SCI*FIT files' radiometer data and the calibrated data from ENG*FIT files (MET 408705051 to 408705768).*

References:

1) Joe Peterson, et al., New Horizons SOC to instrument pipeline ICD, 2019, "soc_inst_icd.pdf"