



BIAS Processing

Solar Orbiter / RPW

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BICAS status

- New: Calibrates bias currents
 - Result is incorporated into BIAS L2 datasets
- New(?): Uses transfer functions (both TDS/LFR & BIAS)
- Quynh Nhu reports that LFR SWF generation is slow (BICAS issue #25).
 - Not sure if can be improved yet.

Footnotes:

- BIAS RCT catalog JSON file: Not delivered yet.
- RCS User Manual (RUM): New version 01/03 (2020-06-05)
- Footnote: In-flight datasets produced ("tested") by ROC
 - SOLO_L2_RPW-LFR-SBM1-CWF-E : None ~ "Untested"
 - SOLO_L2_RPW-LFR-SBM2-CWF-E : None ~ "Untested"
 - SOLO_L2_RPW-LFR-SURV-CWF-E : Many
 - SOLO_L2_RPW-LFR-SURV-SWF-E : Many
 - SOLO_L2_RPW-TDS-LFM-RSWF-E : None (though there is one L1) ~ "Untested"
 - SOLO_L2_RPW-TDS-LFM-CWF-E : Exactly one ~ "Untested"



Summary plots

- Types of summary plots that are generated
 - solo_L3_rpw-bia_20200501_V01.png (Note: HK)
 - solo_L3_rpw-lfr-surv-cwf-e_20200301_V01.png
 - solo_L3_rpw-lfr-surv-swf-e_20200311_V01.png
 - (solo_L3_rpw-lfr-sbm1-cwf-e_20200301_V01.png)
 - (solo_L3_rpw-lfr-sbm2-cwf-e_20200301_V01.png)
- Note: Manual generation and delivery to ROC. May not always be up to date.