SRG / eROSITA Early Data Release:

Observation report
eRO_MPE_RP_EDR_700167-1

Observation	Target	Type	Mode
700167-1	HR 3165 (zet Pup)	CAL	Pointing

R.A.	Dec	α	δ	l	b
$8^h3^m35^s$	-40°0′11″	120.8958°	-40.0031°	255.9757°	-4.7058°

Purpose of observation:
eROSITA Spectral calibration

Related Observations:
none

Notes:
This observation has been executed as a Pointing.
The data from camera TM5 are strongly affected by the light leak and should be discarded.
Parts of columns RAWX=215,216,217 have been removed from the data due to bright pixels.
Increased background at low energies is present at TIME=627743000 .. 6277434500
.

Some information on the status of the cameras:

T_{start}, T_{stop}: values are taken from the eROSITA mission planning files and should be considered as approximate values. Please refer to the time header keywords in the event file for the more accurate value which takes into account the Good Time Intervals (GTI).

Exposure: exposure times are calculated from start and stop times given in the eROSITA mission planning files, however, observations could have slightly shorter exposures due to IDLE periods of the cameras which are not considered

Filter wheel and camera status are given per observation, but changes during an observation are not documented, instead the best value according to the following ranking is applied:

Filter wheel: filter, open, calibration, closed

Camera status: working, not processing

Camera	T_{start} [UTC]	eROday	T_{stop} [UTC]	eROday
TM1	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24
TM2	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24
TM3	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24
TM4	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24
TM5	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24
TM6	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24
TM7	2019-11-22T09:40:21	43594.17	2019-11-22T09:57:01	43594.24

Camera	Exposure [s]	Filter	Processing	Set-up
TM1	1000.0	FILTER	PMENV2	working
TM2	1000.0	FILTER	PMENV2	working
TM3	1000.0	FILTER	PMENV2	working
TM4	1000.0	FILTER	PMENV2	working
TM5	1000.0	FILTER	PMENV2	working
TM6	1000.0	FILTER	PMENV2	working
TM7	1000.0	FILTER	PMENV2	working

Acknowledgement:

This work is based on data from eROSITA, the soft X-ray instrument aboard SRG, a joint Russian-German science mission supported by the Russian Space Agency (Roskosmos), in the interests of the Russian Academy of Sciences represented by its Space Research Institute (IKI), and the Deutsches Zentrum fr Luft- und Raumfahrt (DLR). The SRG spacecraft was built by Lavochkin Association (NPOL) and its subcontractors, and is operated by NPOL with support from the Max Planck Institute for Extraterrestrial Physics (MPE). The development and construction of the eROSITA X-ray instrument was led by MPE, with contributions from the Dr. Karl Remeis Observatory Bamberg & ECAP (FAU Erlangen-Nuernberg), the University of Hamburg Observatory, the Leibniz Institute for Astrophysics Potsdam (AIP), and the Institute for Astronomy and Astrophysics of the University of Tbingen, with the support of DLR and the Max Planck Society. The Argelander Institute for Astronomy of the University of Bonn and the Ludwig Maximilians Universitt Munich also participated in the science preparation for eROSITA.

References:

Predehl, P. et al., The eROSITA X-ray telescope on SRG, A&A, vol. 647, 16 pp. (2021)