

SRG / eROSITA Early Data Release:

Observation report eRO_MPE_RP_EDR_900043-1

Observation	Target	Type	Mode
900043-1	PSR 1509-58	COM	Pointing

R.A.	Dec	α	δ	l	b
$15^h15^m23^s$	$-59^\circ6'23''$	228.8472°	-59.1065°	not calc.	not calc.

Purpose of observation:

eROSITA commissioning.

Related Observations:

900035-1

Notes:

This observation has been executed as a Pointing.

The event file contains only data from camera TM3.

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
TM3	2019-09-14T15:30:00	43181.63	2019-09-14T23:00:00	43183.50
TM4	2019-09-14T15:30:00	43181.63	2019-09-14T23:00:00	43183.50

Camera	Exposure [s]	Filter	Processing	Set-up
TM1	–	CLOSED	PMWORK	not processing
TM2	–	CLOSED	PMWORK	not processing
TM3	27000.0	FILTER	PMWORK	working
TM4	27000.0	CALIBRATION	PMWORK	working
TM5	–	CLOSED	PMWORK	not processing
TM6	–	CLOSED	PMWORK	not processing
TM7	–	CLOSED	PMWORK	not processing

Acknowledgement:

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References:

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