

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2699 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 26 2012

See axaff02699N002_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.55

Comments

Charge time:

Using time from longest exposed chip, which represents the exposure. telemetry saturation limits effective exposure on other chips.

New charge time is less than existing charge time used in previously distributed version

NEW CHARGE TIME = 19.283864 ks, 1 Obis

EXISTING CHARGE TIME = 30.000000 ks, 1 Obis.

Variation in Chips > 15% threshold.

Low Chip 6, ONTIME=13854.255418 seconds

High Chip 5, ONTIME=30553.000000 seconds

Chip 8, ONTIME=15736.606286 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 7, ONTIME=19283.863817 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 6, ONTIME=13854.255418 seconds is less than 80% of scheduled time=30000.000000 seconds

ONTIME of 19283.863816828 seconds is less than 85% of expected scheduled time of 30000 seconds

seq_num	400179	Sequence number
obs_id	2699	Observation id
title	RESOLVING GALACTIC BLACK HOLE ACCRETION GEOMETRY WITH CHANDRA	Prop
observer	Prof. Walter Lewin	Principal investigator
object	XTE J1650-500	Source name
ra_targ	252.504167	Observer's specified target RA [deg]
dec_targ	-49.9625	Observer's specified target Dec [deg]
ra_nom	252.48776998125	Nominal RA [deg]
dec_nom	-49.98662315246	Nominal Dec [deg]
roll_nom	250.25957226885	Nominal Roll [deg]
revision	4	Processing version of data
ontime	19283.863816828	Sum of GTIs [s]
livetime	19208.536223793	Livetime [s]
ontime4	26724.18838428	Sum of GTIs [s]
ontime5	30553.0	Sum of GTIs [s]
ontime6	13854.25541769	Sum of GTIs [s]
ontime7	19283.863816828	Sum of GTIs [s]
ontime8	15736.606285721	Sum of GTIs [s]
ontime9	29422.146182671	Sum of GTIs [s]
l2events	10461835	Number of level 2 events

