

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7513 - L2 Version 2
Chandra X-Ray Center

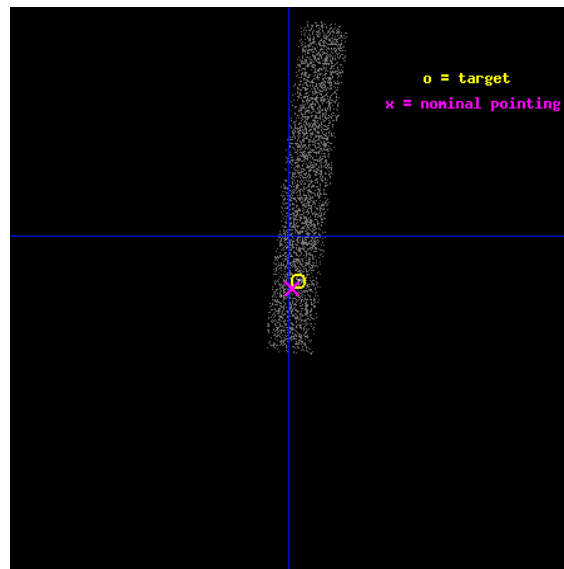
L2 Processing Date : Apr 29 2012

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1 Front

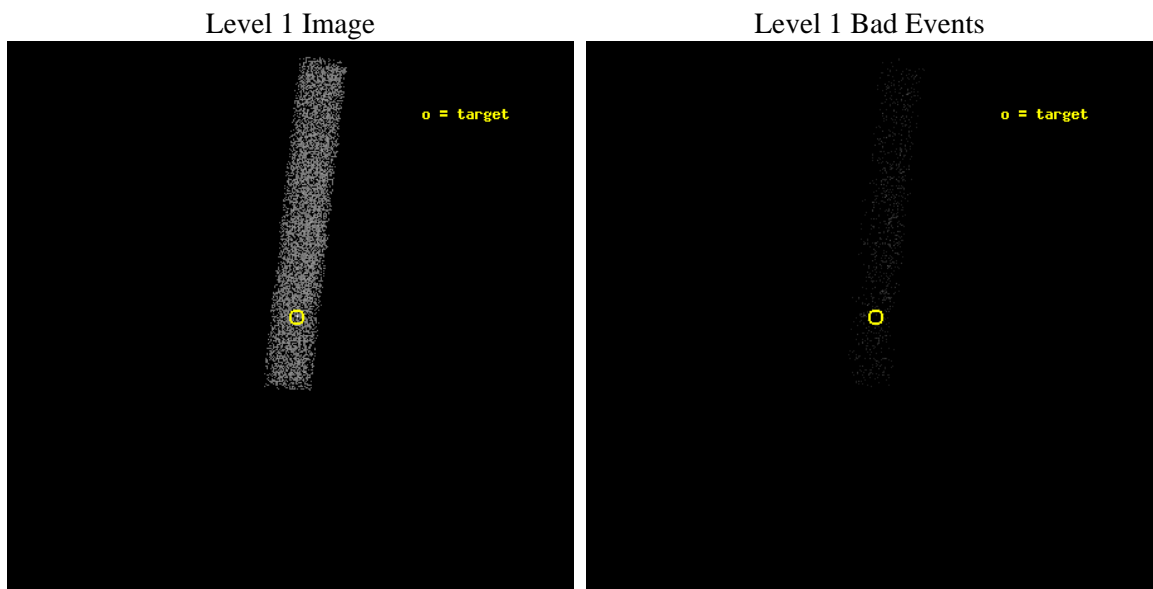
seq_num	400623	Sequence number
obs_id	7513	Observation id
title	From Super-Eddington to zero: following a Z source into quiescence	
observer	Dr Jeroen Homan	Principal investigator
object	XTE J1701-462	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.243583	Observer's specified target RA [deg]
dec_targ	-46.185723	Observer's specified target Dec [deg]
ra_nom	255.24798813996	Nominal RA [deg]
dec_nom	-46.189472664448	Nominal Dec [deg]
roll_nom	276.37547076751	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5171.5996917486	Sum of GTIs [s]
livetime	4690.3679410018	Livetime [s]
ontime7	5171.5996917486	Sum of GTIs [s]
l2events	4307	Number of level 2 events



2 OBI

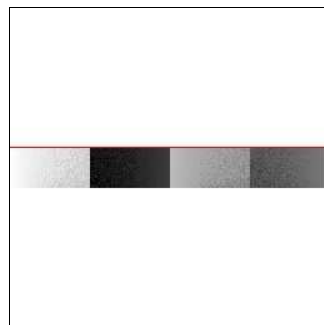
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5171.5996917486	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5171.5996917486	Sum of GTIs [s]
date	2012-04-29T13:16:42	Date and time of file creation	l1events	10429	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

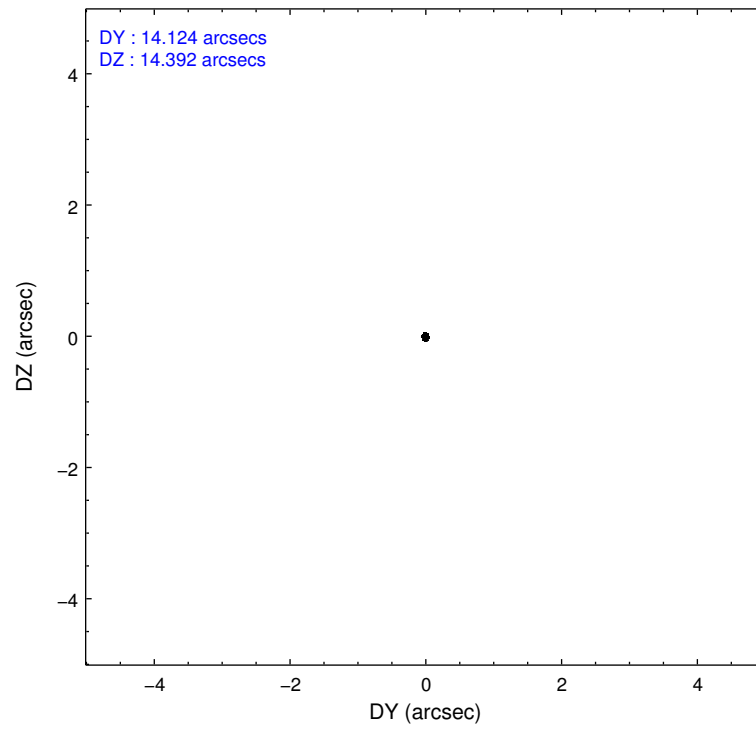
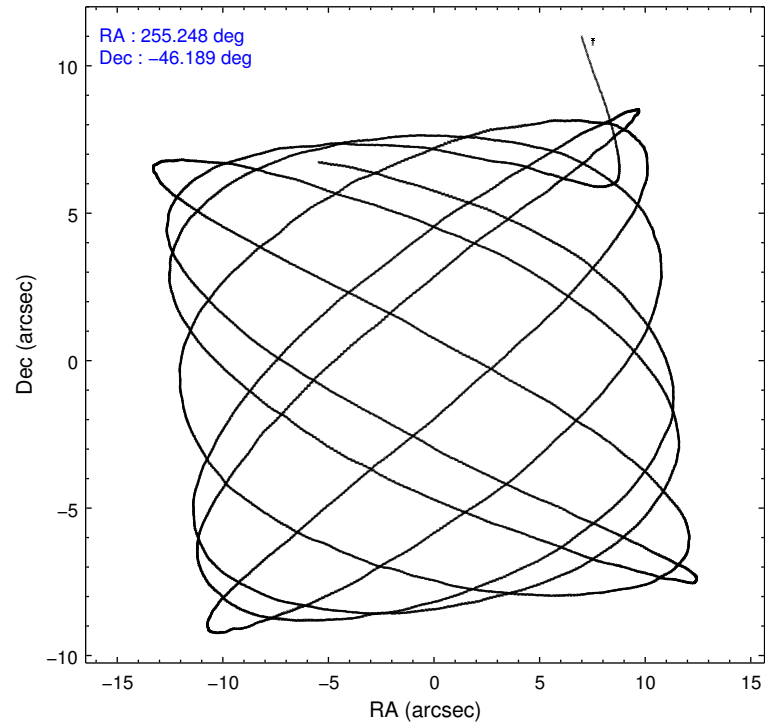
	ccd 7
level 1 events	10429
rejected events	5948
rejected %	57%

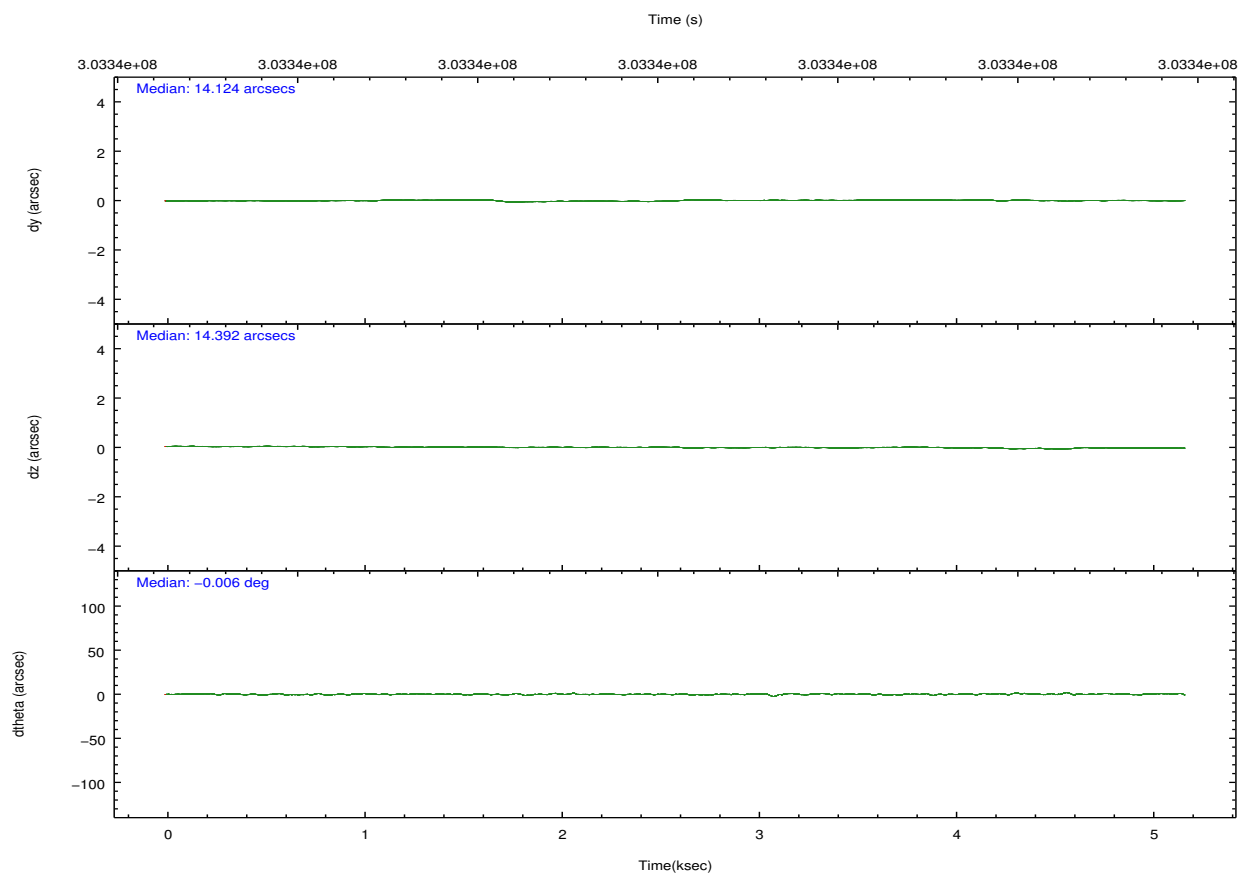
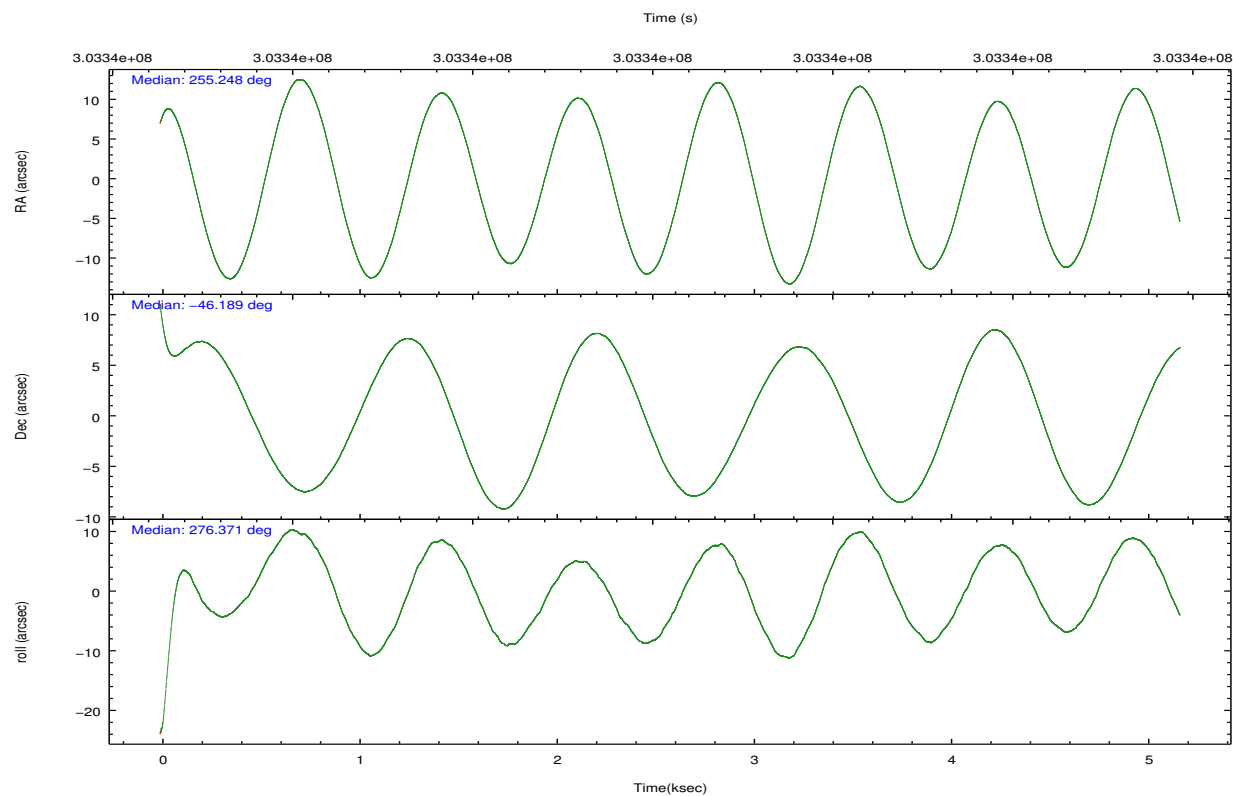
	ccd 7
grade 0 events	571
	5%
grade 1 events	6
	0%
grade 2 events	1005
	9%
grade 3 events	639
	6%
grade 4 events	596
	5%
grade 5 events	906
	8%
grade 6 events	2174
	20%
grade 7 events	4532
	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	255.224062	255.247988139958	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-46.167746	-46.1894726644482	Subarray start row	449	449
[deg] Pointing Roll	276.201647	276.3754707675149	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	303339679.184000	303338767.61486			
Observation start date	2007-08-12T21:00:14	2007-08-12T20:46:07			
[s] Observation end time (MET)	303344679.184000	303345166.17767			
Observation end date	2007-08-12T22:23:34	2007-08-12T22:32:46			
Read mode	TIMED	TIMED			

2.3 Aspect



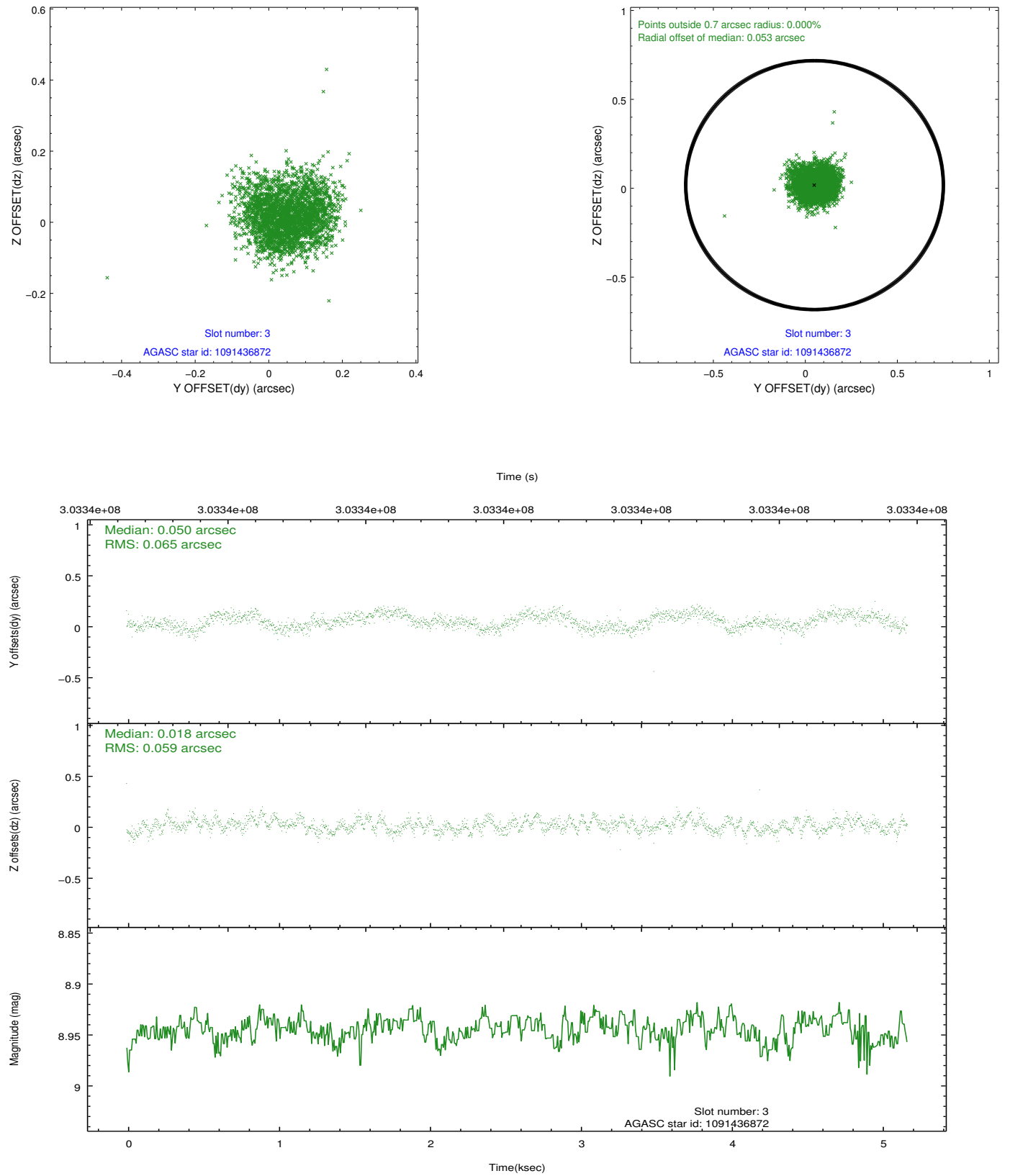


Slot Statistics

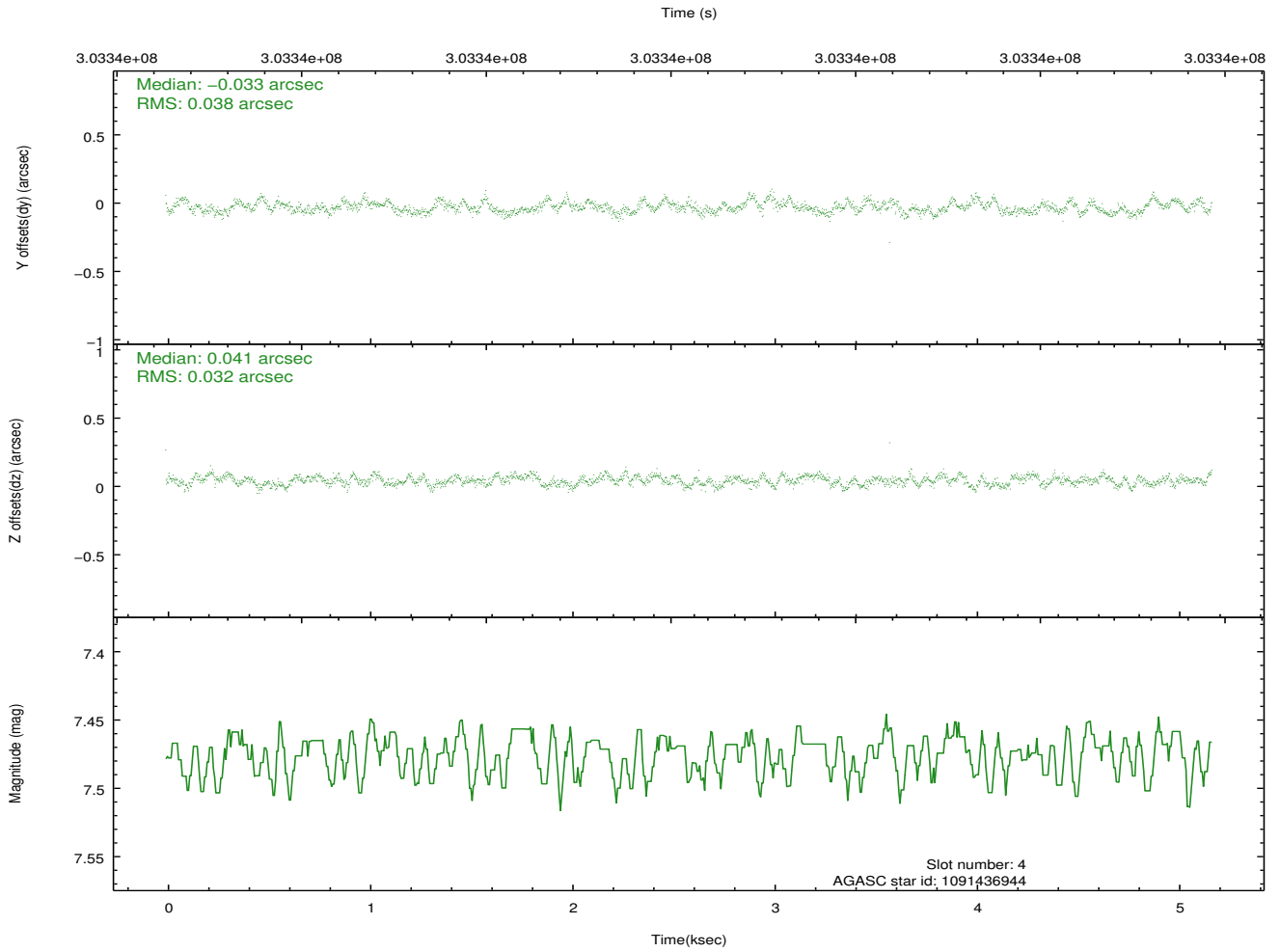
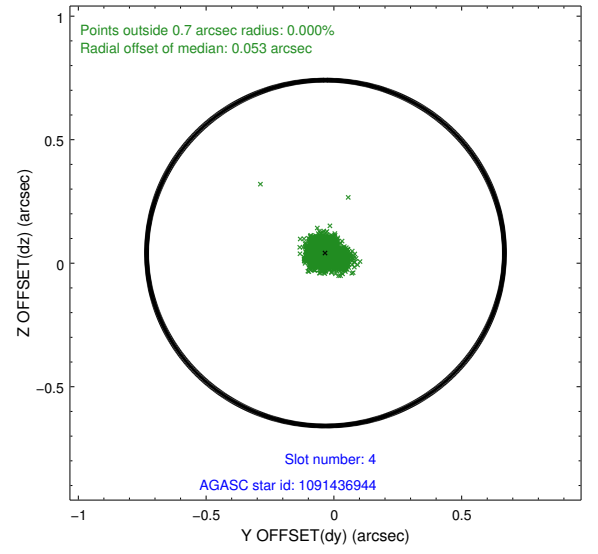
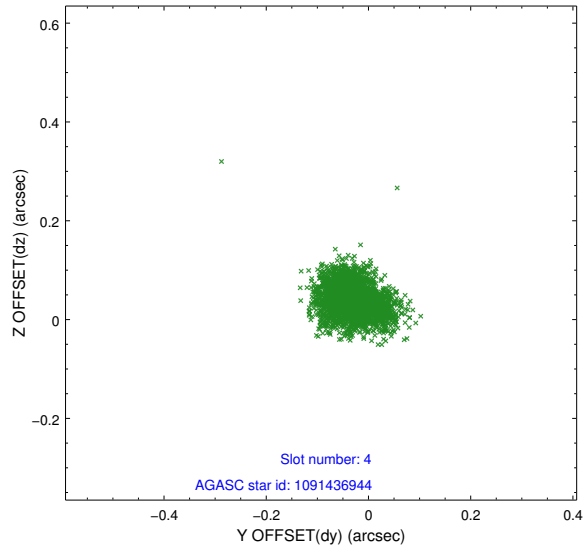
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1262	0.074	-0.039	0.006	0.011	0.000000	0.000000	929.05	-1731.37
1	FID	ACIS-S-5	7.23	1262	-0.162	0.042	0.006	0.011	0.000000	0.000000	-1819.54	165.05
2	FID	ACIS-S-6	7.33	1261	0.067	0.010	0.007	0.012	0.000000	0.000000	393.32	810.31
3	GUIDE	1091436872	8.94	2522	0.050	0.018	0.094	0.144	255.728542	-46.511740	1370.60	1108.43
4	GUIDE	1091436944	7.47	2524	-0.033	0.041	0.052	0.083	255.747540	-46.187588	217.16	1289.26
5	GUIDE	1091443144	8.22	2524	-0.046	0.034	0.056	0.090	254.556494	-45.731344	-1735.42	-1498.44
6	GUIDE	1091450176	8.25	2524	0.037	-0.092	0.066	0.105	254.533043	-45.982352	-842.79	-1648.04
7	GUIDE	1091440288	8.55	2521	-0.008	-0.001	0.063	0.104	254.504918	-46.709153	1754.43	-1976.98

2.4 Star Slots

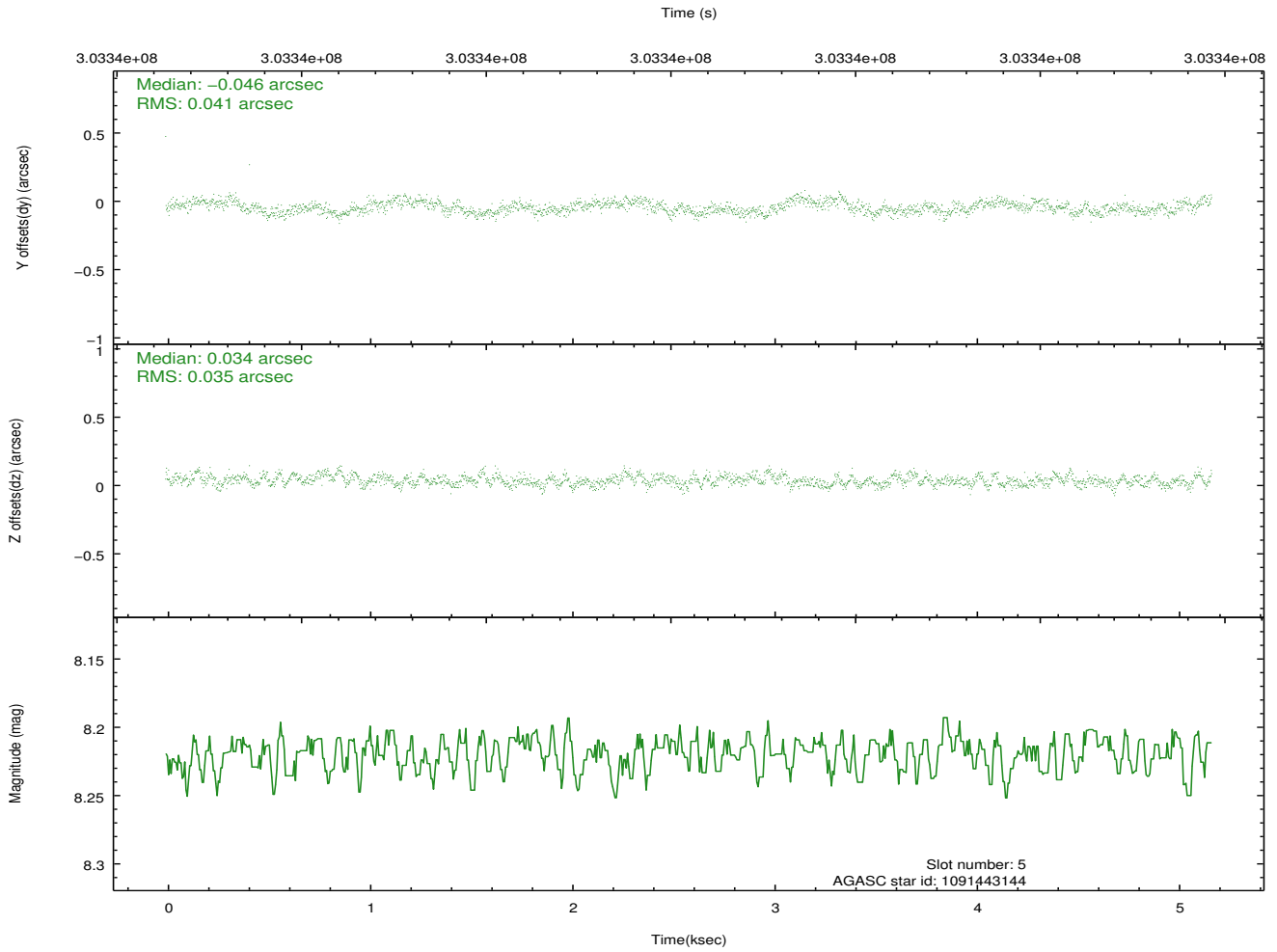
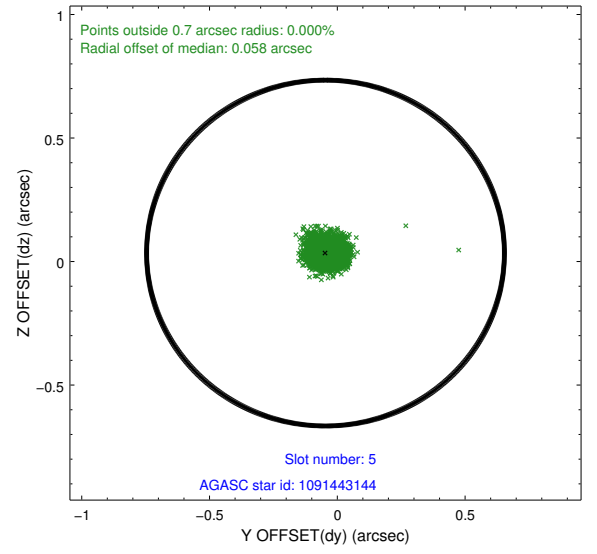
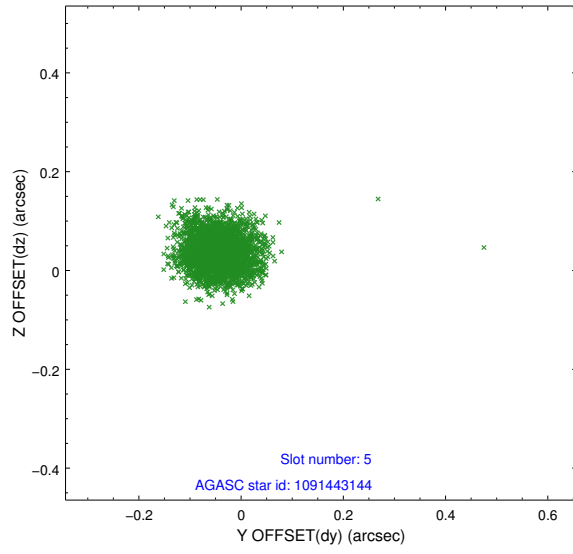
2.4.1 Slot 3



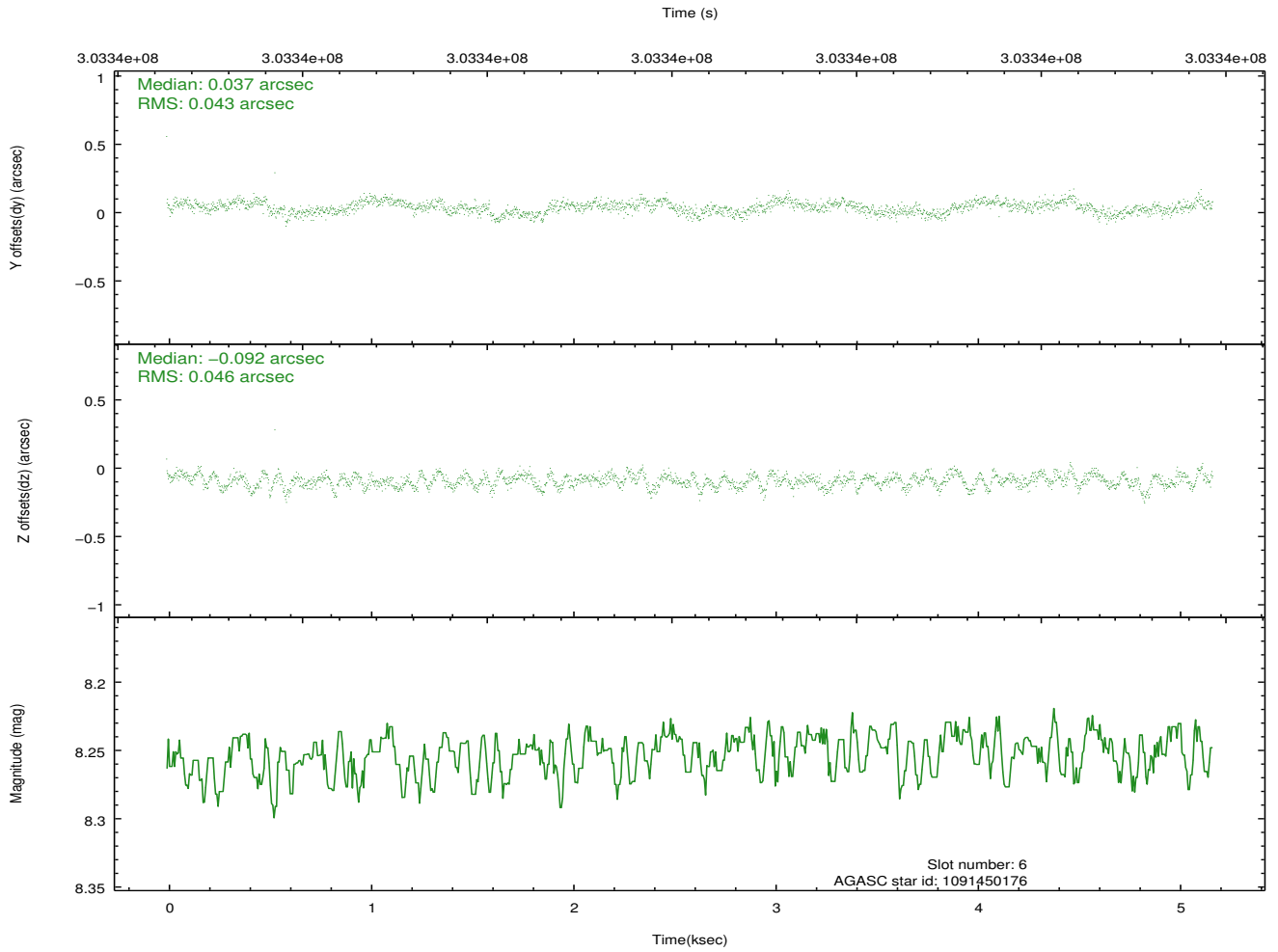
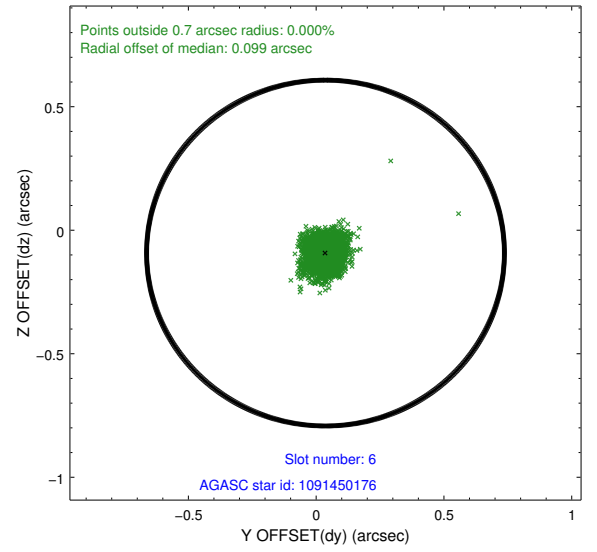
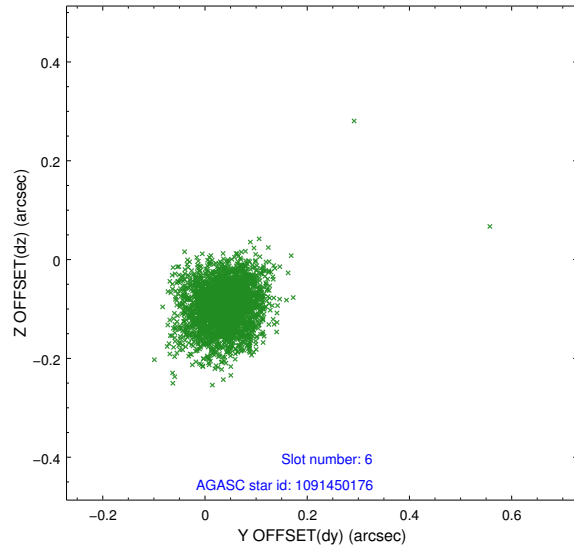
2.4.2 Slot 4



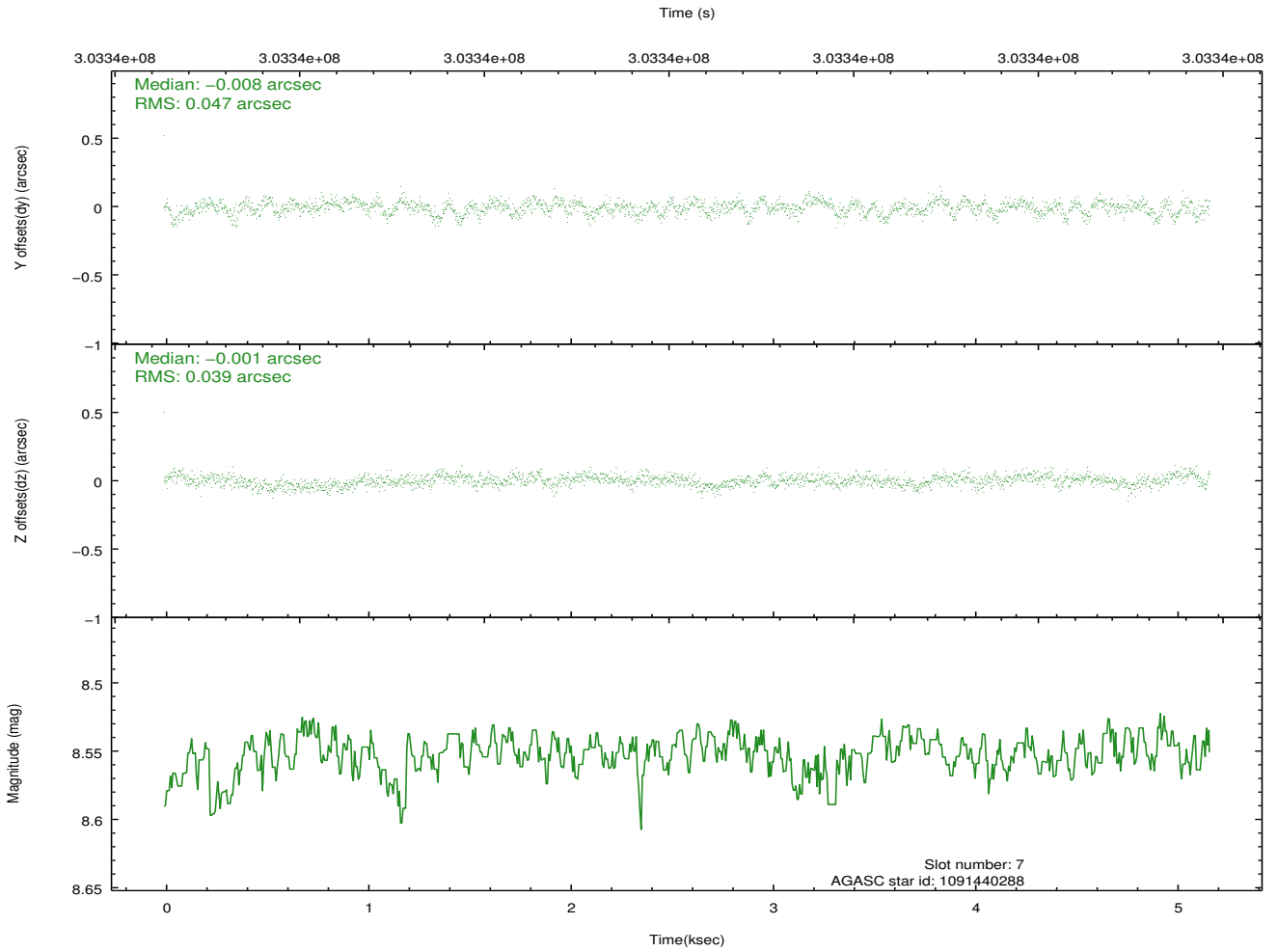
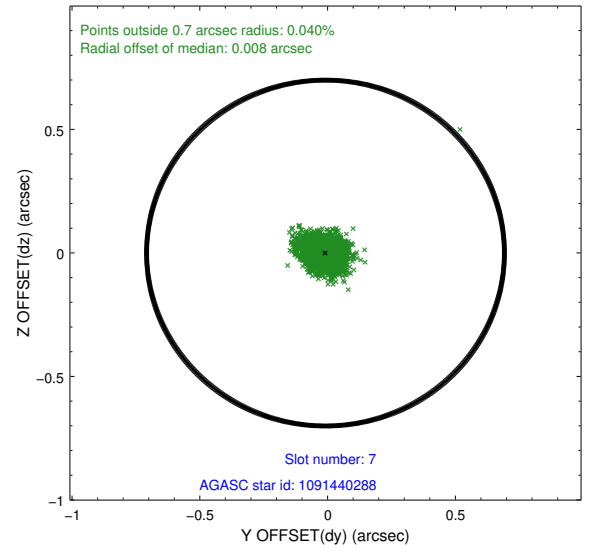
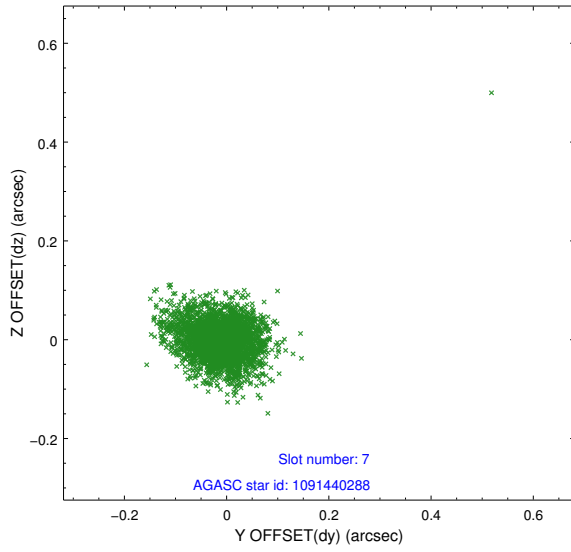
2.4.3 Slot 5



2.4.4 Slot 6

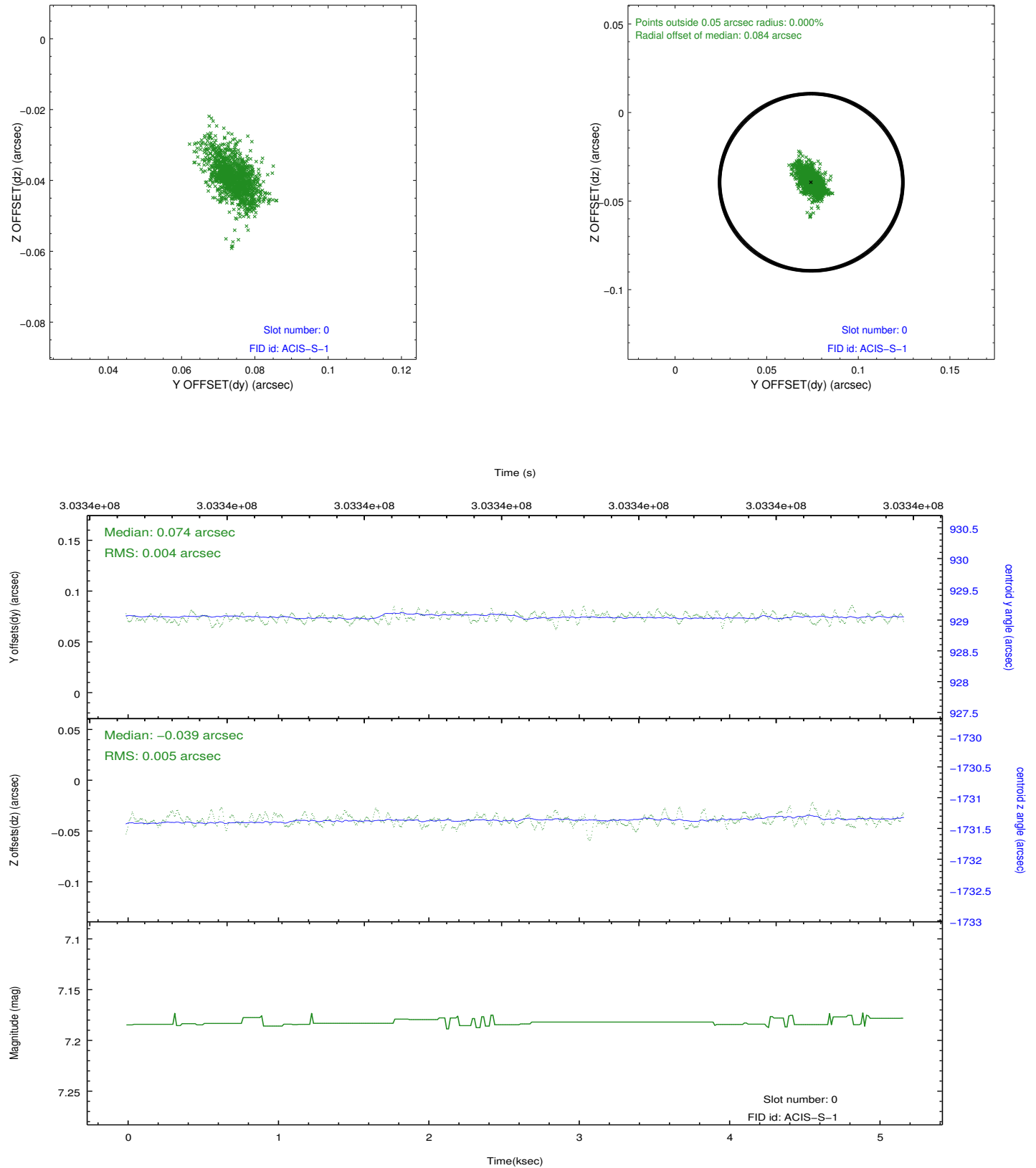


2.4.5 Slot 7

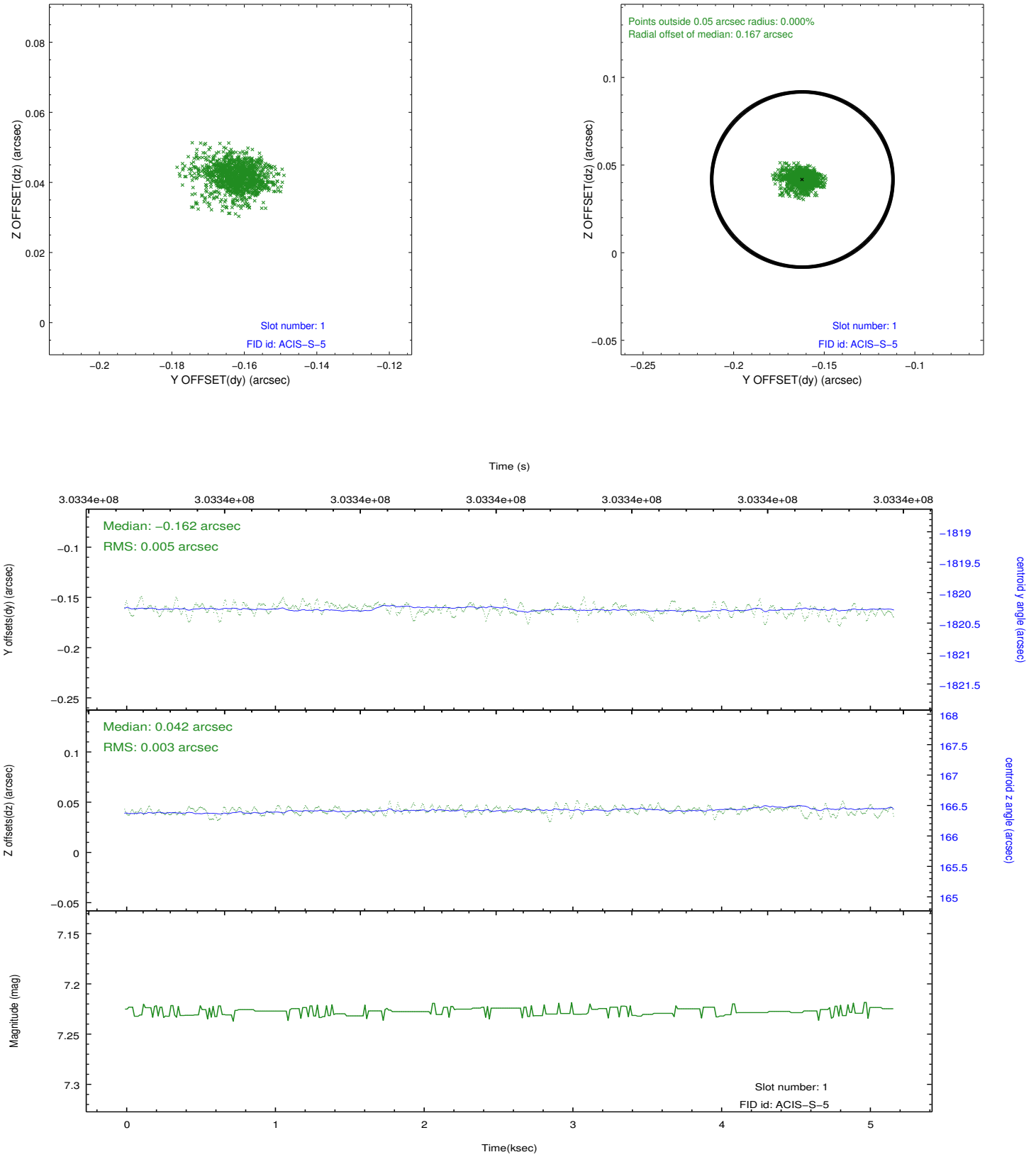


2.5 FID Slots

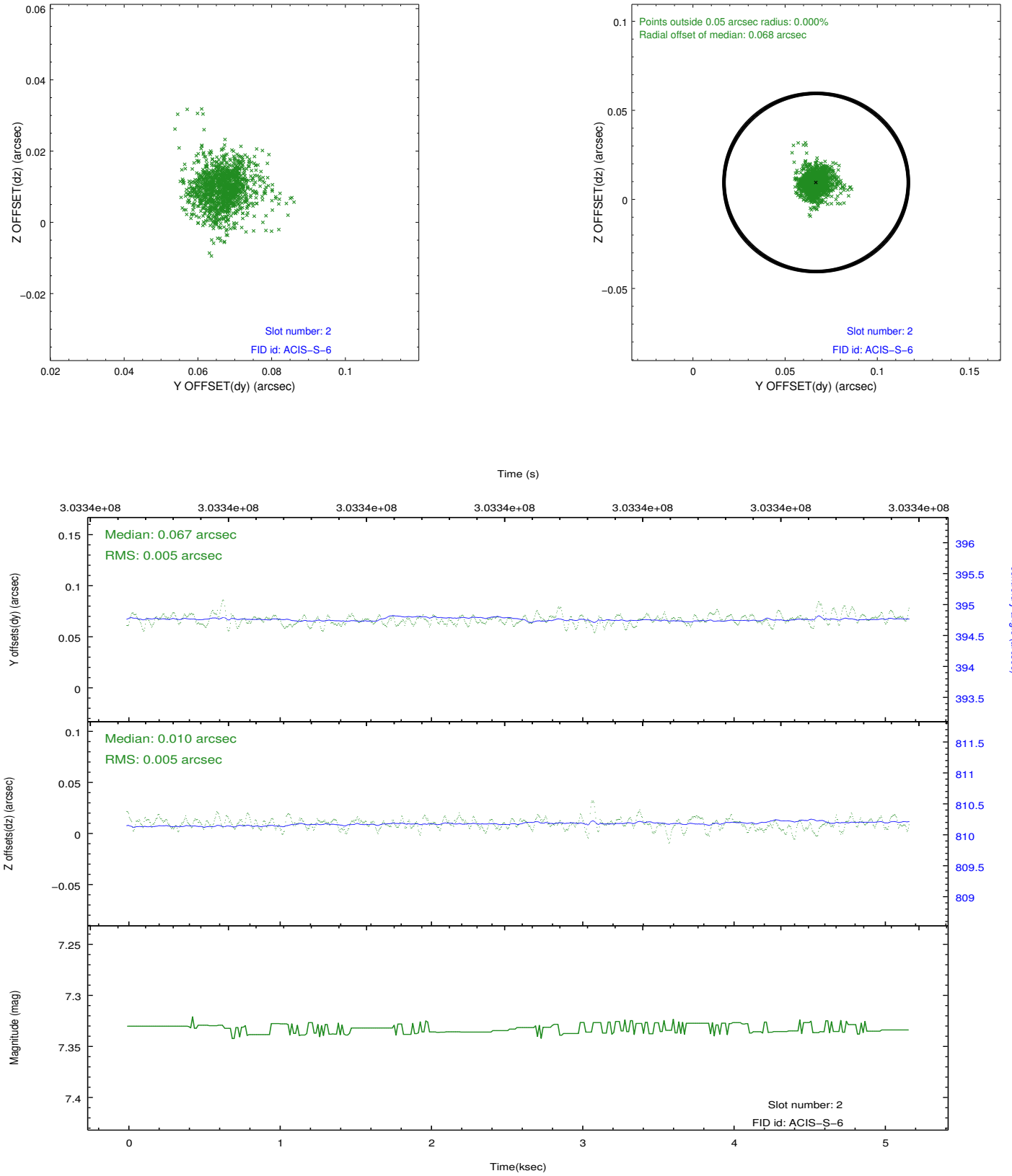
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17159969

A.2 Comments

Joint with XMM.