

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7442 - L2 Version 3
Chandra X-Ray Center

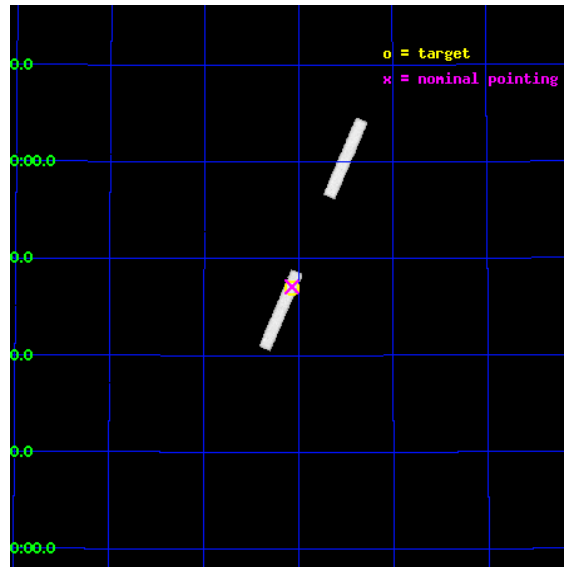
L2 Processing Date : Apr 18 2012

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1 Front

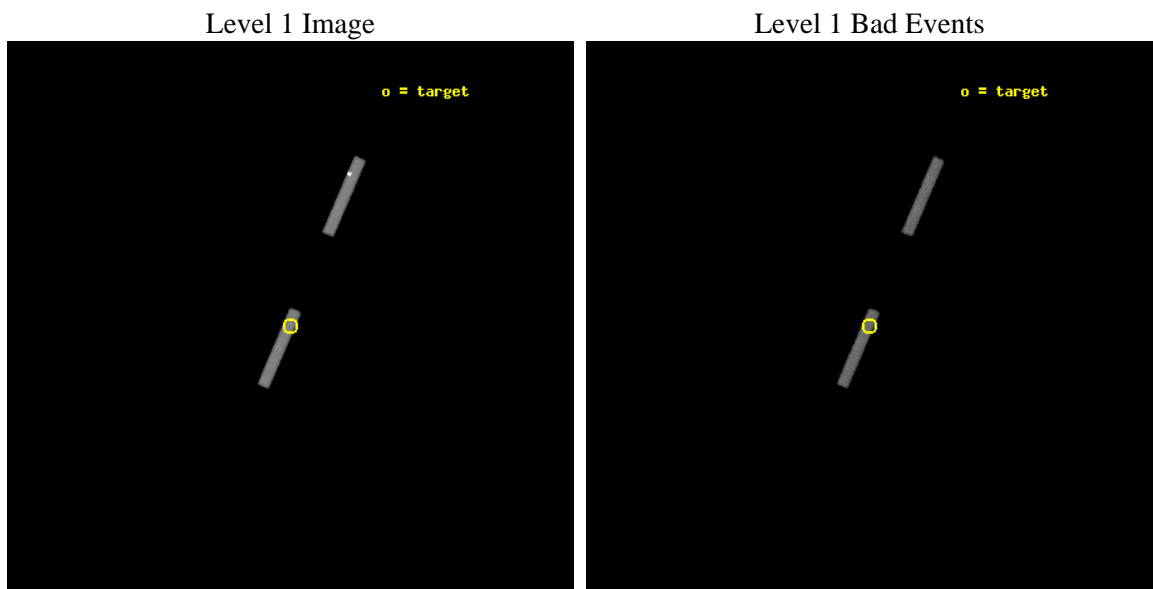
seq_num	200452	Sequence number
obs_id	7442	Observation id
title	MAGNETIC FIELDS ON 'ALIEN DWARFS' - II : CORONAL ACTIVITY IN THE ARCTURUS MOVING GROUP	Proposal title
observer	Dr. Alexander Brown	Principal investigator
object	HD90508	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	157.016413	Observer's specified target RA [deg]
dec_targ	48.783186	Observer's specified target Dec [deg]
ra_nom	157.01787561924	Nominal RA [deg]
dec_nom	48.784980001994	Nominal Dec [deg]
roll_nom	113.28218073154	Nominal Roll [deg]
revision	3	Processing version of data
ontime	25180.5	Sum of GTIs [s]
liveltime	23270.460594411	Livetime [s]
ontime5	25180.5	Sum of GTIs [s]
ontime7	25180.5	Sum of GTIs [s]
l2events	39968	Number of level 2 events



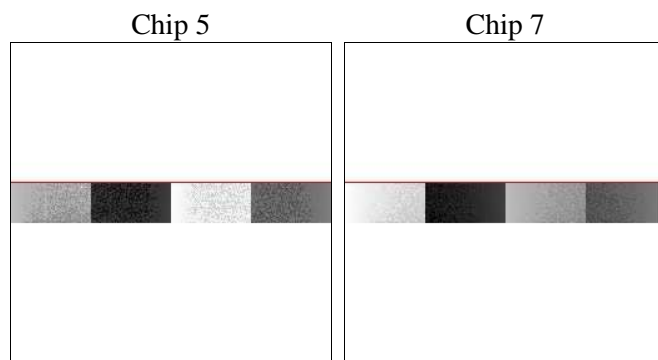
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	25000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	25180.5	Sum of GTIs [s]
caldbver	4.4.9	 	ontime5	25180.5	Sum of GTIs [s]
date	2012-04-18T12:49:44	Date and time of file creation	ontime7	25180.5	Sum of GTIs [s]
revision	3	Processing version of data	l1events	132333	Number of level 1 events

2.1.4 Events

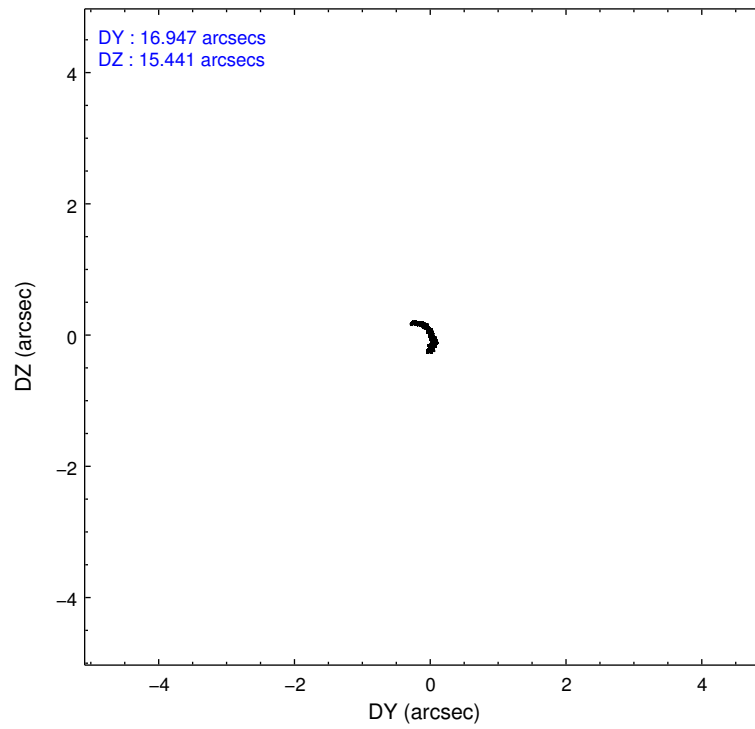
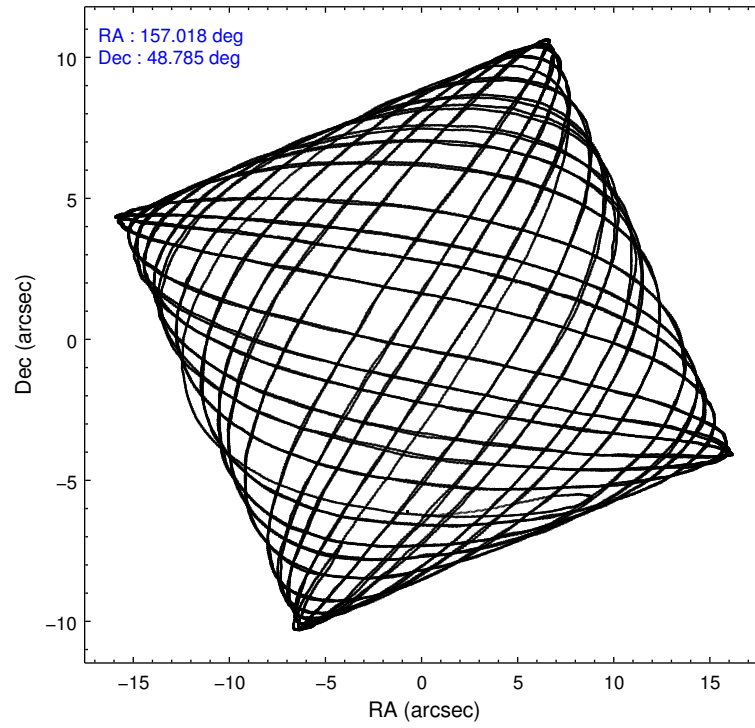
	ccd 5	ccd 7
level 1 events	89462	42871
rejected events	23637	23236
rejected %	26%	54%

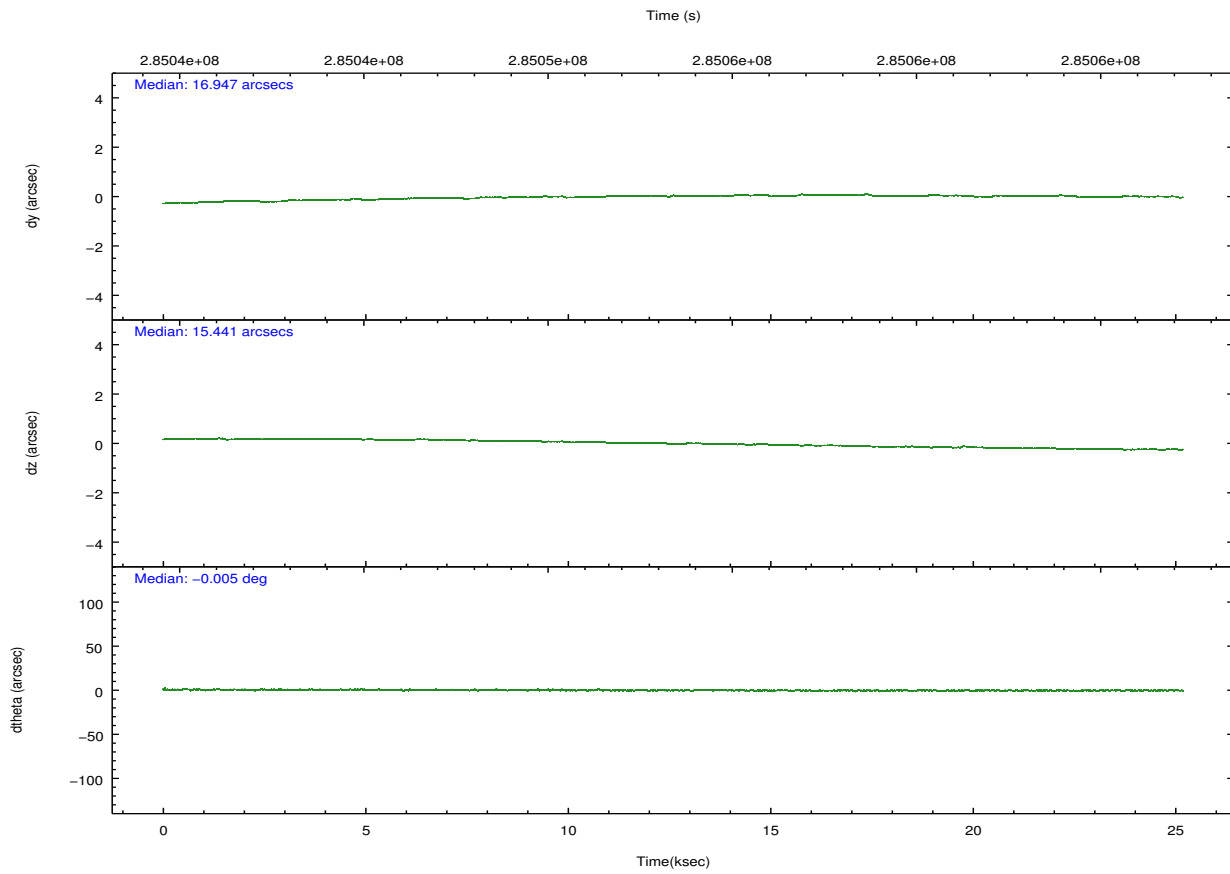
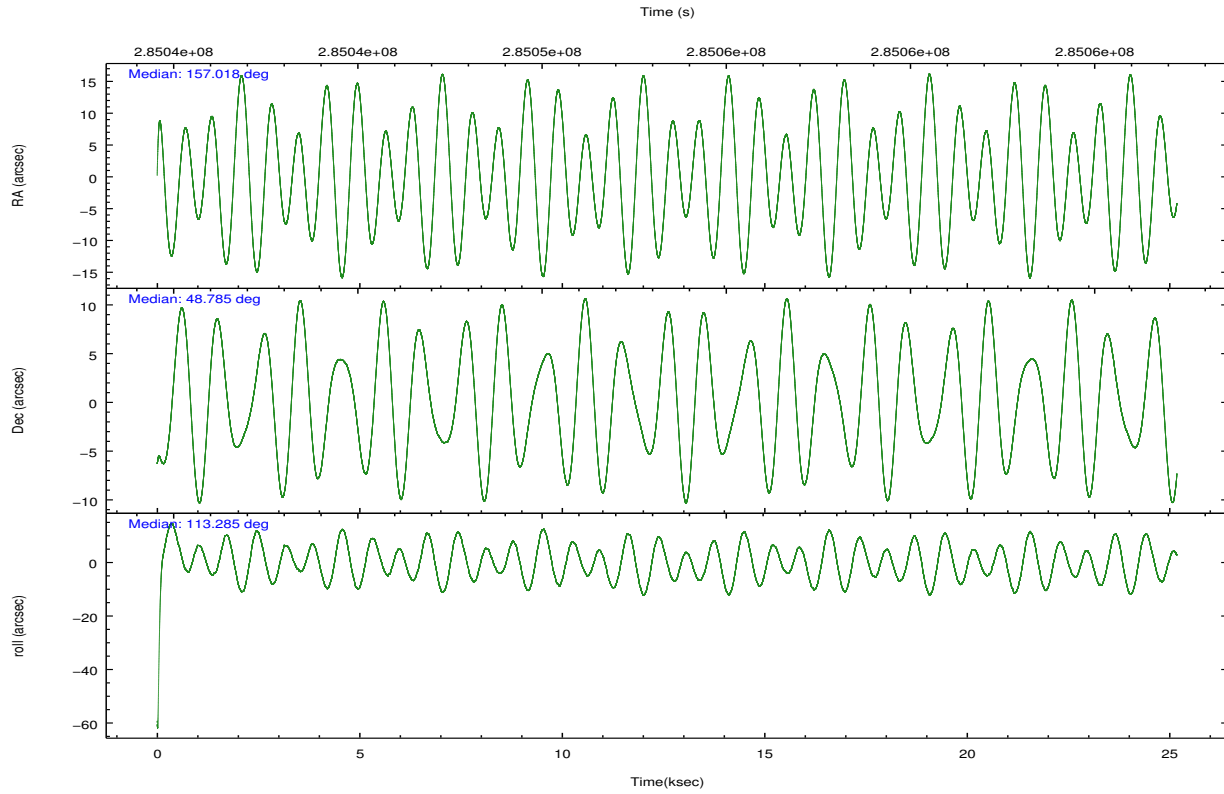
	ccd 5	ccd 7
grade 0 events	41840	2037
	46%	4%
grade 1 events	135	46
	0%	0%
grade 2 events	10549	3879
	11%	9%
grade 3 events	1689	2350
	1%	5%
grade 4 events	1733	2314
	1%	5%
grade 5 events	3784	4008
	4%	9%
grade 6 events	10484	9187
	11%	21%
grade 7 events	19248	19050
	21%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-57	ACIS-57	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	157.051488	157.0178756192437	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	48.768952	48.78498000199419	Subarray start row	449	449
[deg] Pointing Roll	113.100309	113.2821807315421	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	0.5
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	285040976.184000	285040228.94202			
Observation start date	2007-01-13T02:01:51	2007-01-13T01:50:28			
[s] Observation end time (MET)	285065976.184000	285066822.05578			
Observation end date	2007-01-13T08:58:31	2007-01-13T09:13:42			
Read mode	TIMED	TIMED			

2.3 Aspect



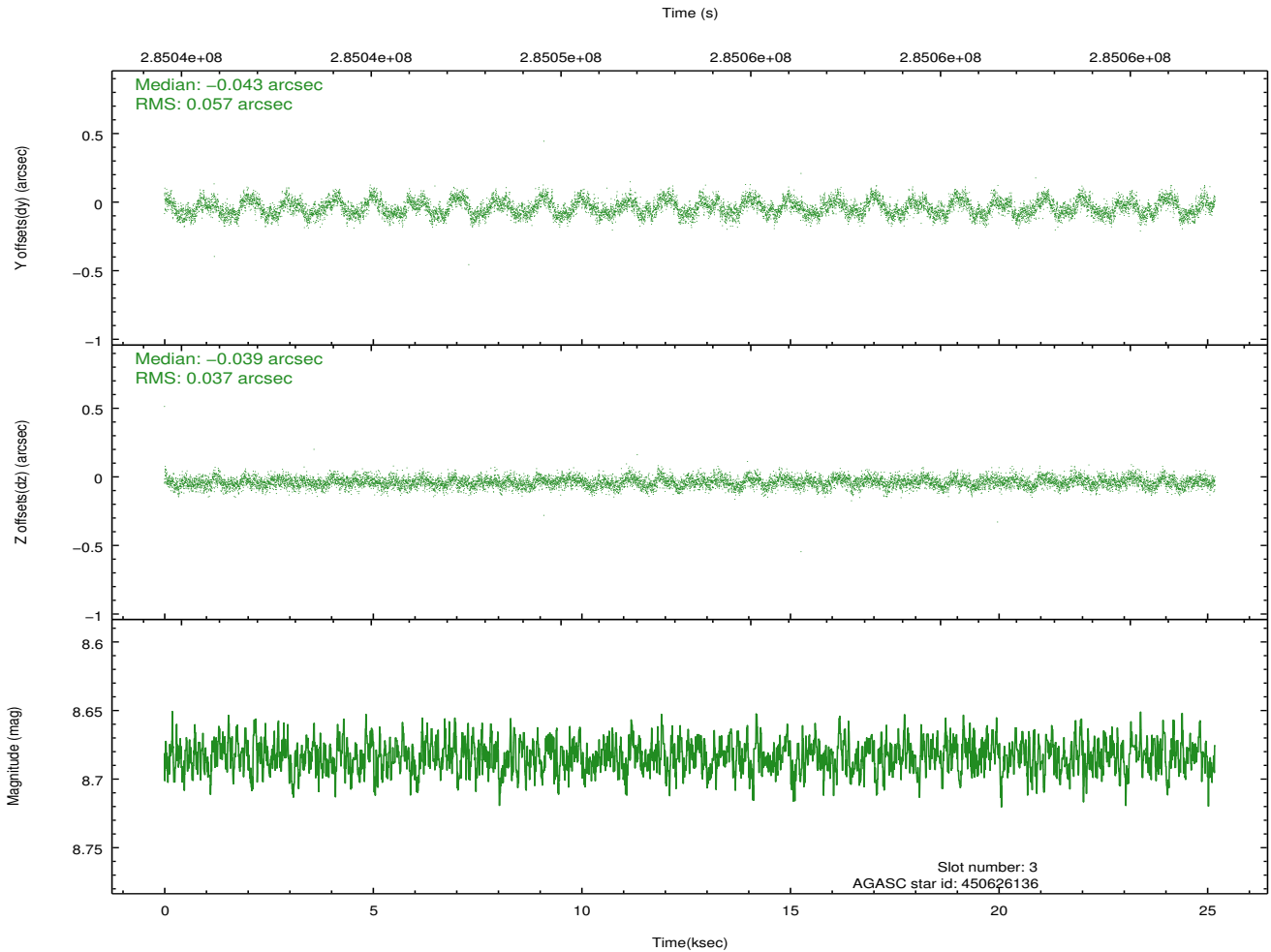
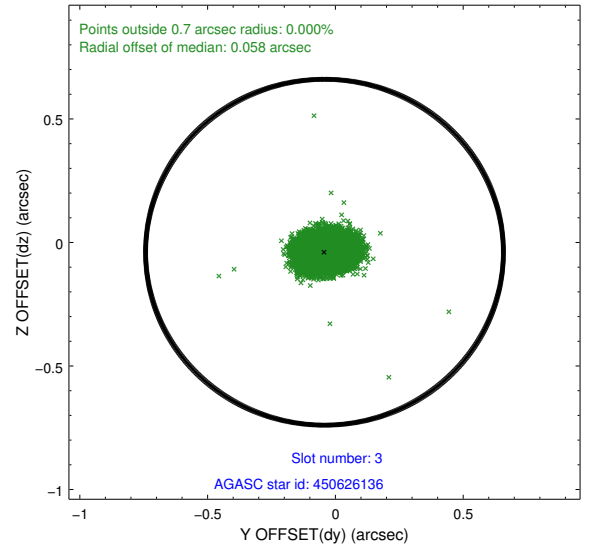
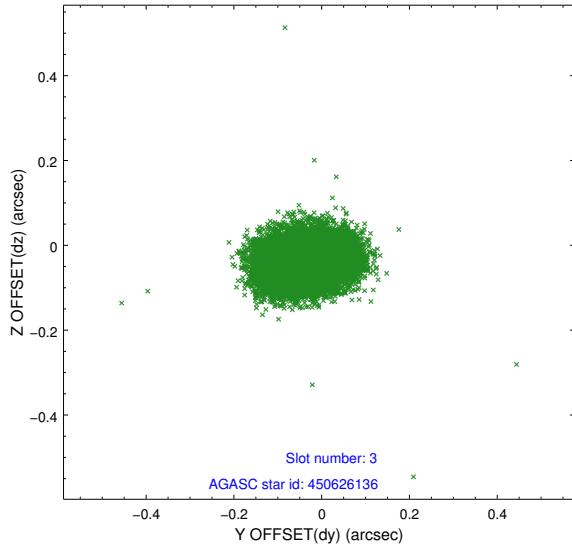


Slot Statistics

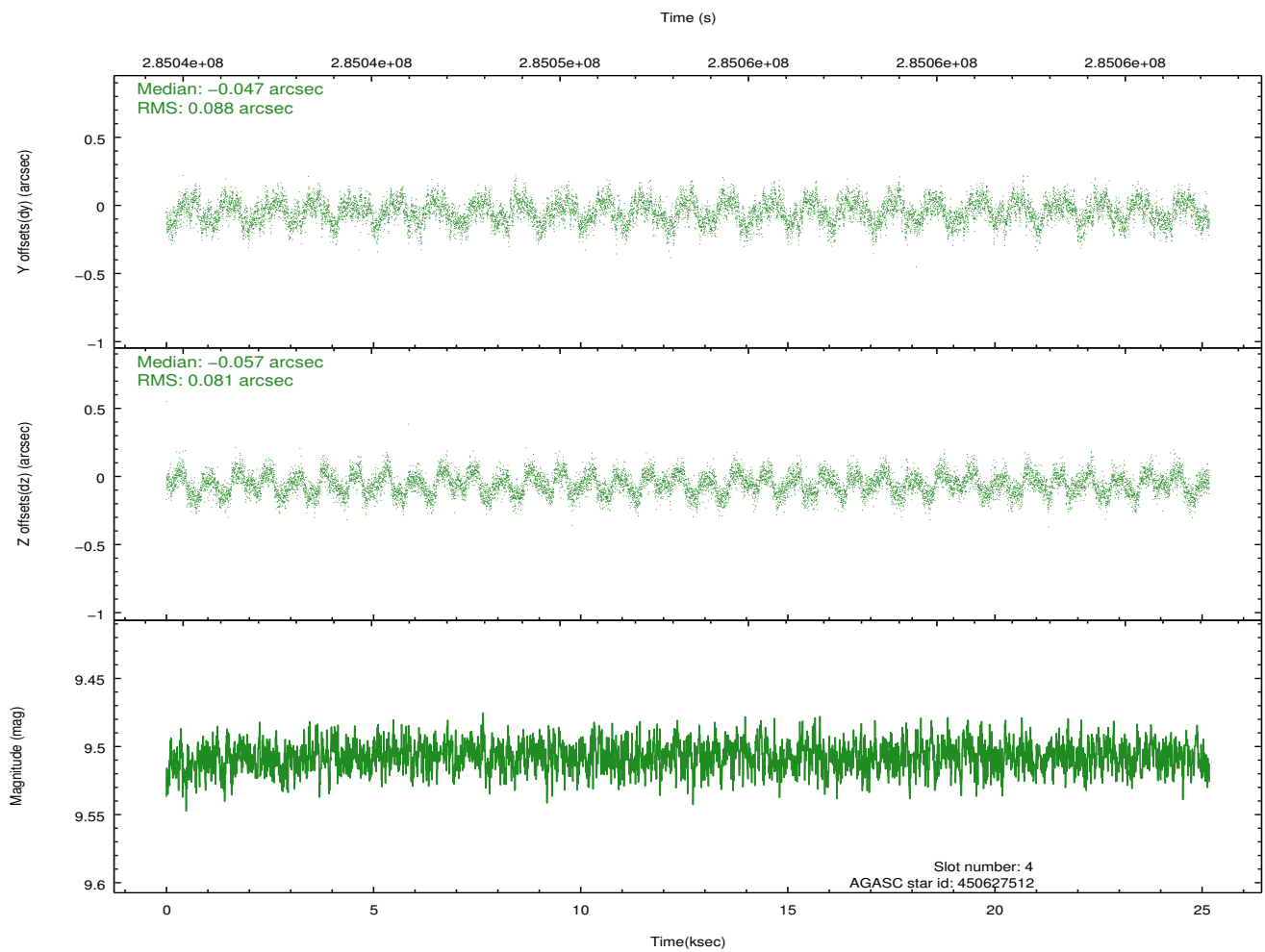
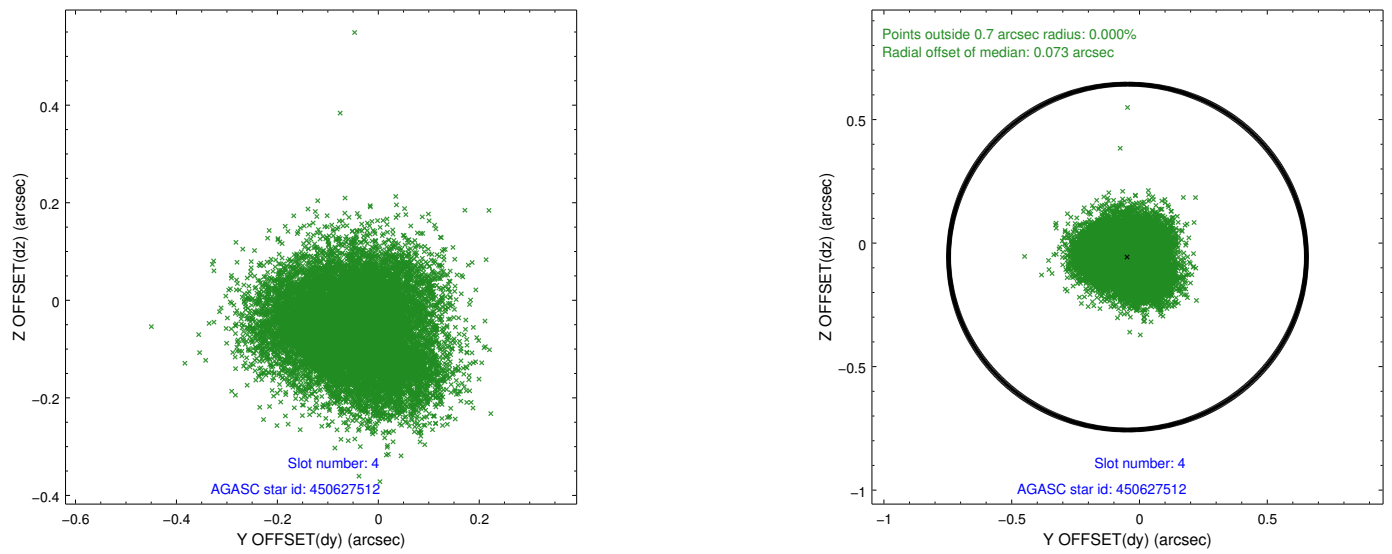
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6142	-0.102	-0.032	0.007	0.011	0.000000	0.000000	-770.02	-1736.86
1	FID	ACIS-S-4	7.20	6142	0.212	0.058	0.007	0.012	0.000000	0.000000	2143.50	171.61
2	FID	ACIS-S-5	7.23	6142	-0.141	-0.017	0.008	0.013	0.000000	0.000000	-1822.77	165.31
3	GUIDE	450626136	8.68	12283	-0.043	-0.039	0.072	0.115	155.975112	49.097022	2098.55	1863.92
4	GUIDE	450627512	9.51	12267	-0.047	-0.057	0.129	0.198	156.236958	49.189420	2153.90	1164.82
5	GUIDE	450628960	8.62	12278	0.098	0.135	0.060	0.098	156.857303	48.374891	-1121.82	983.83
6	GUIDE	450630504	6.69	12285	-0.058	0.135	0.072	0.117	157.013649	48.963971	680.82	-192.89
7	GUIDE	450633400	8.42	12282	0.045	-0.170	0.083	0.145	156.673232	48.081773	-1916.64	1806.33

2.4 Star Slots

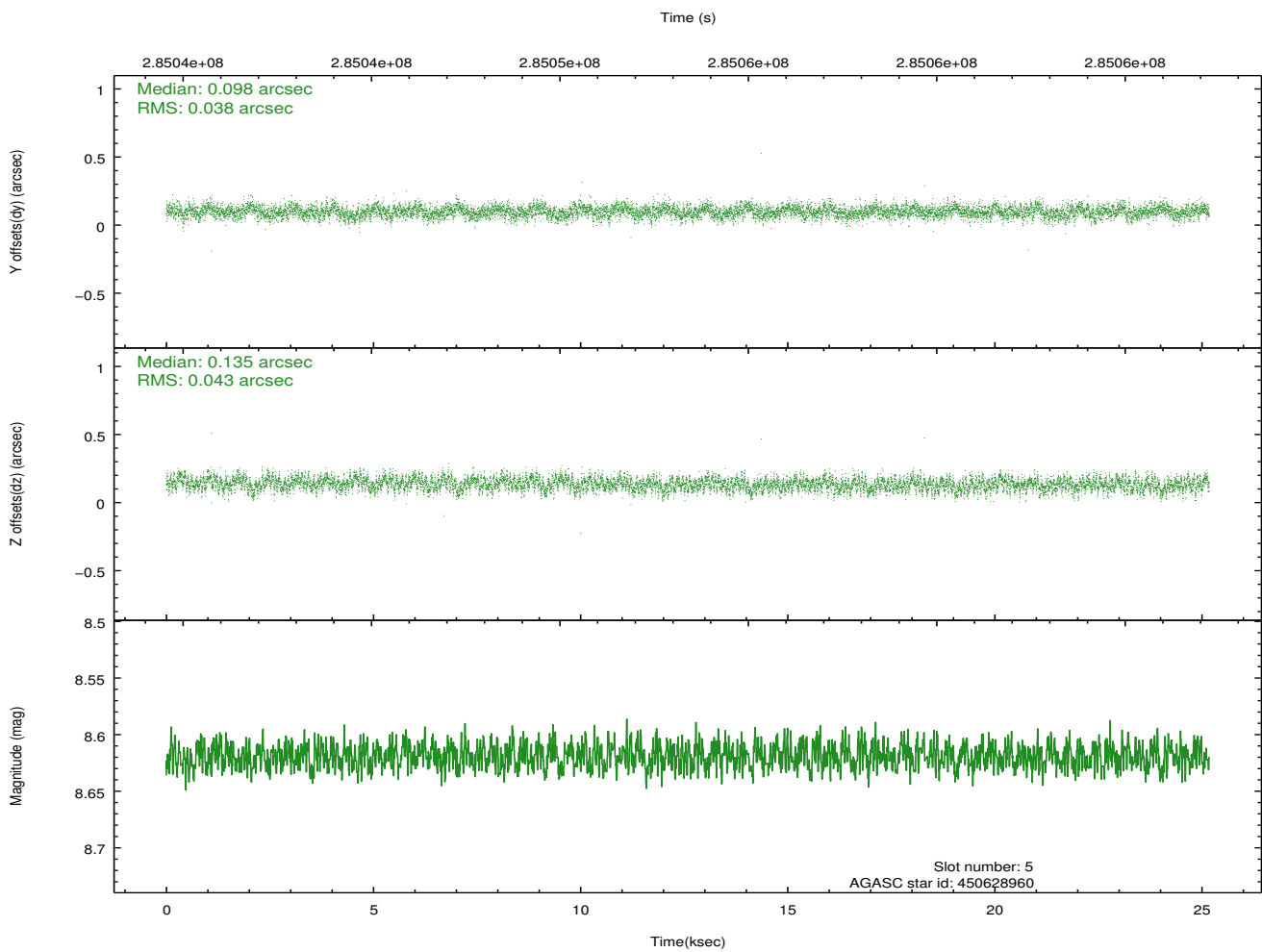
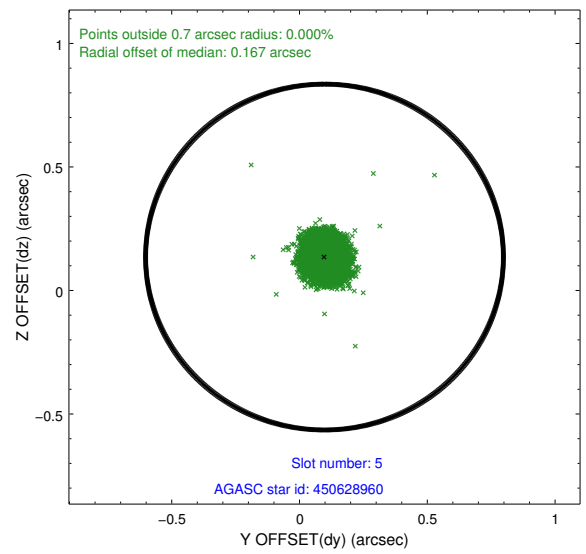
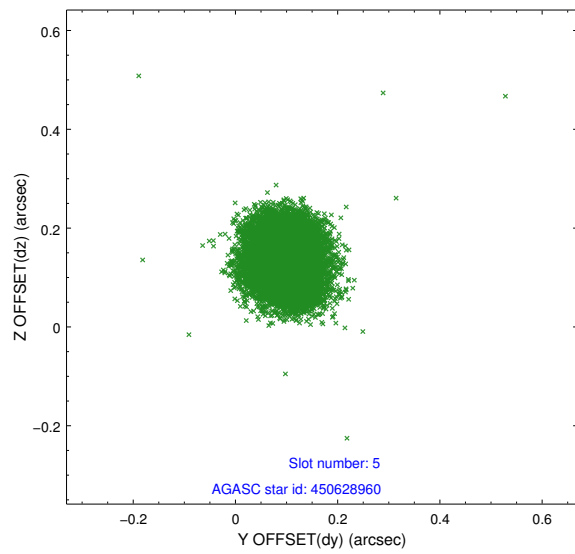
2.4.1 Slot 3



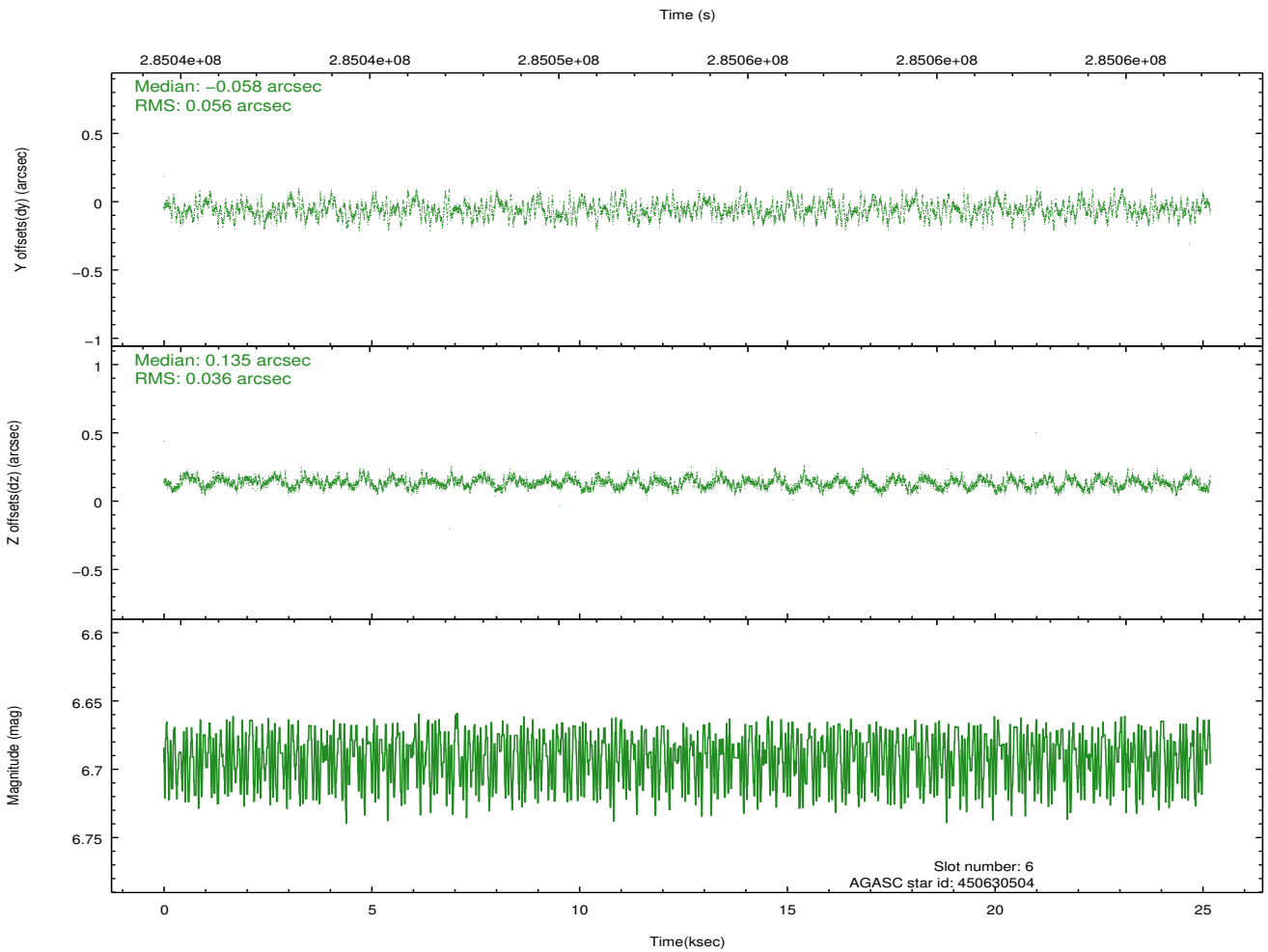
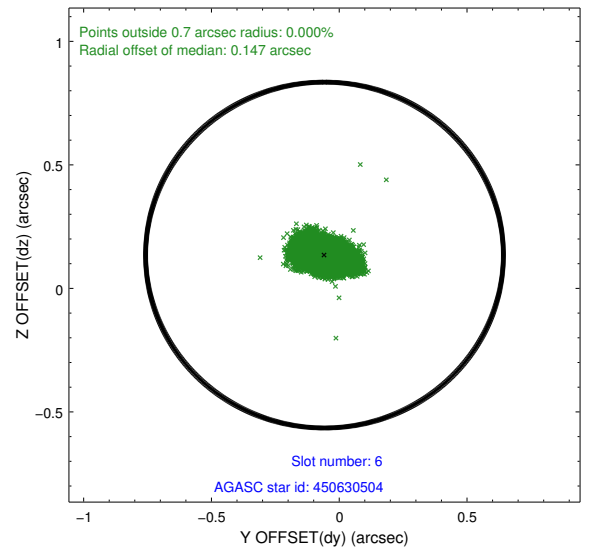
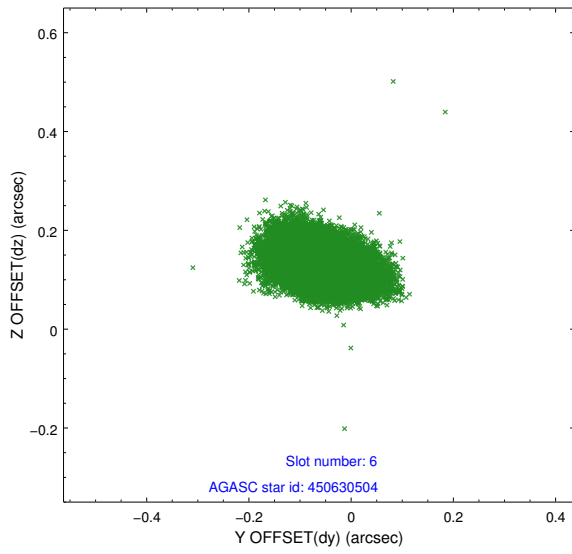
2.4.2 Slot 4



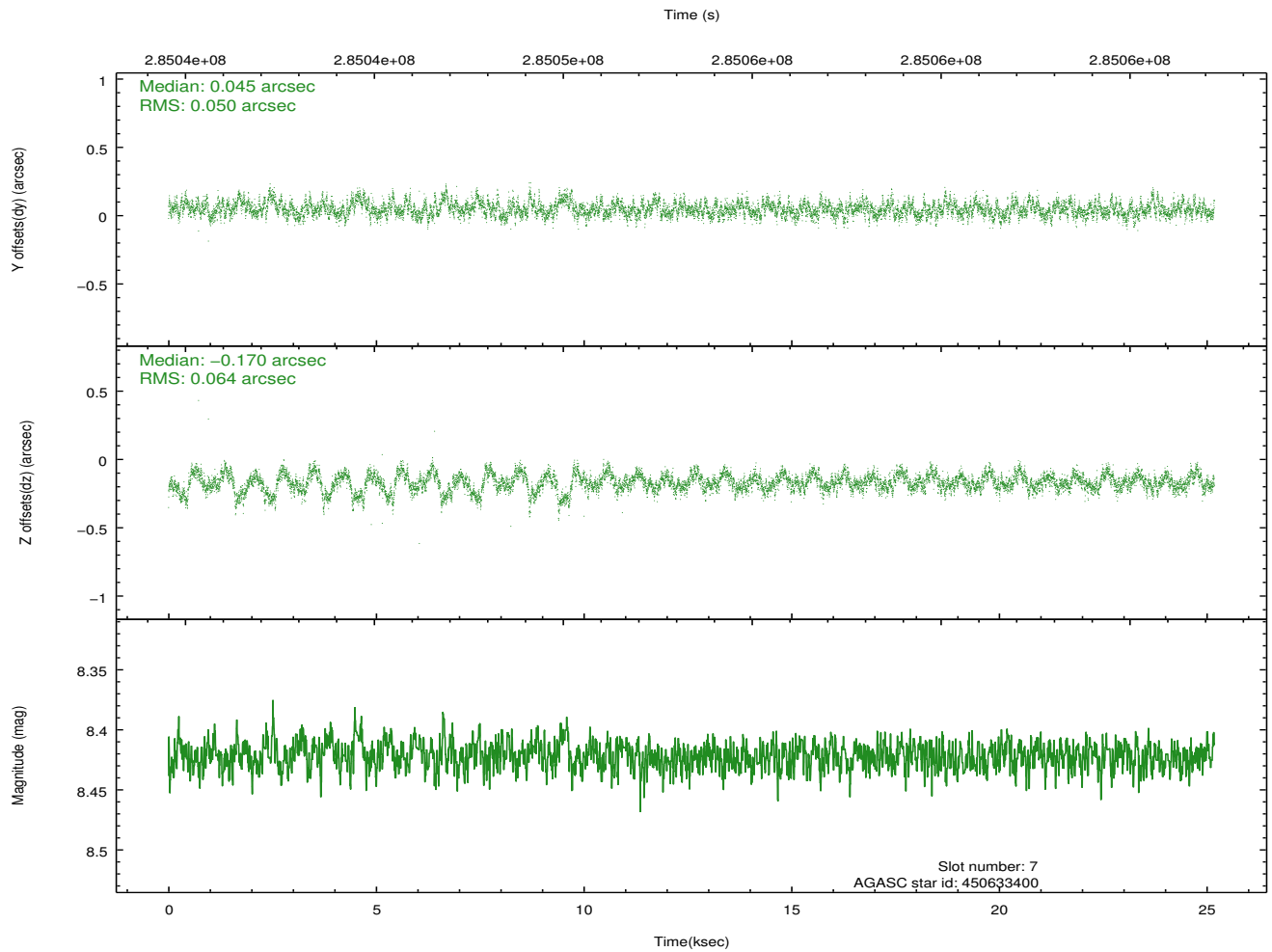
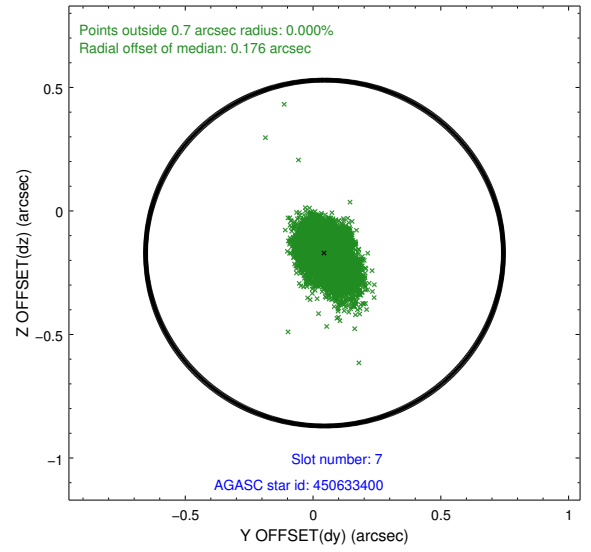
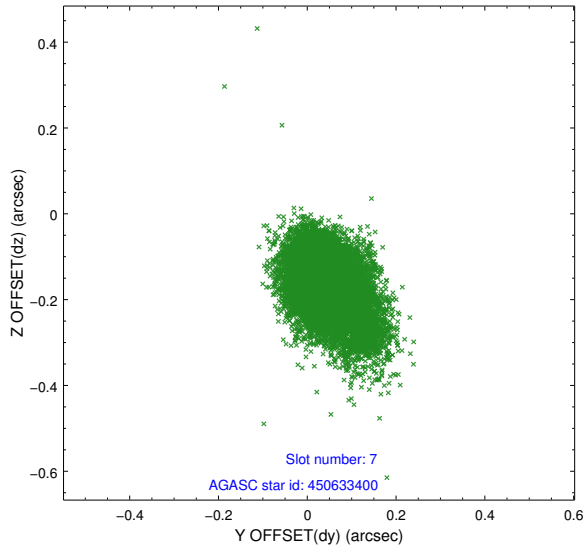
2.4.3 Slot 5



2.4.4 Slot 6

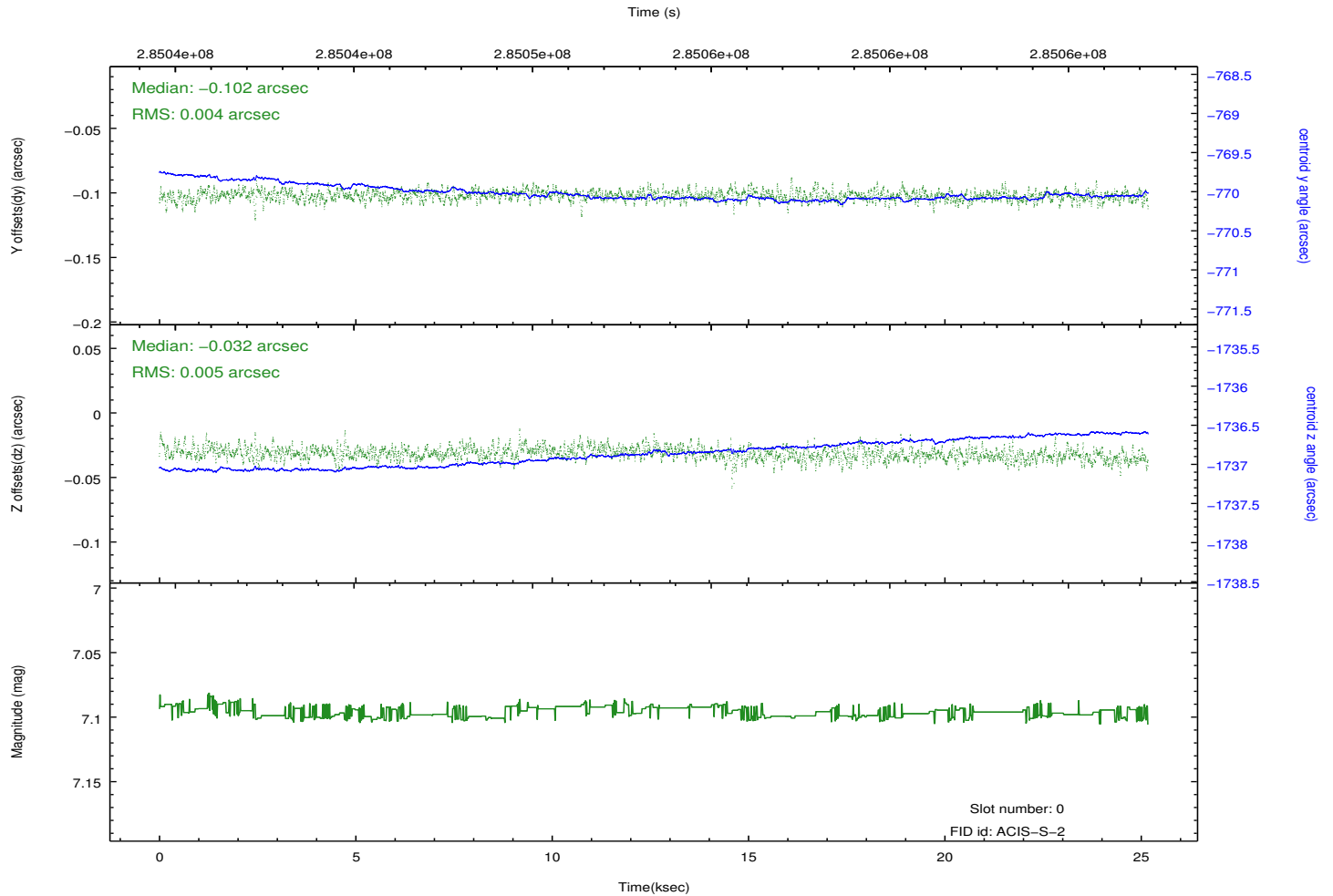
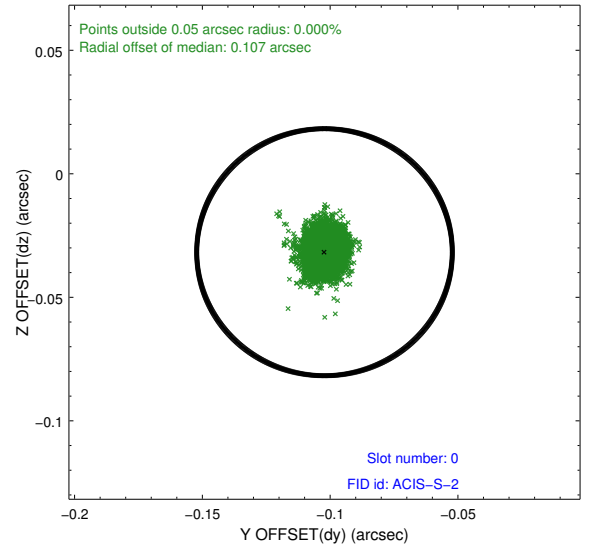
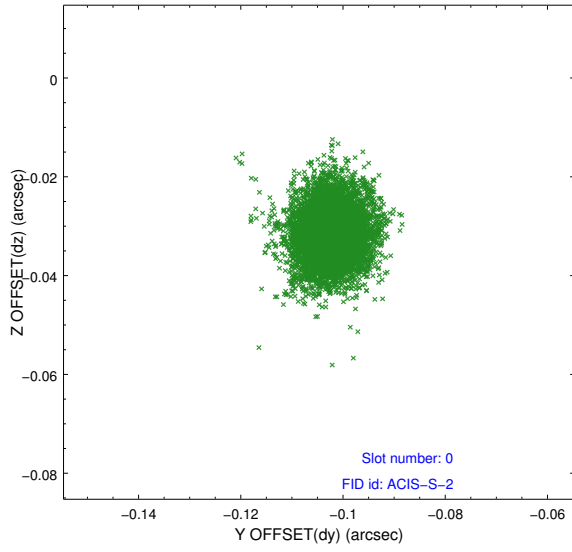


2.4.5 Slot 7

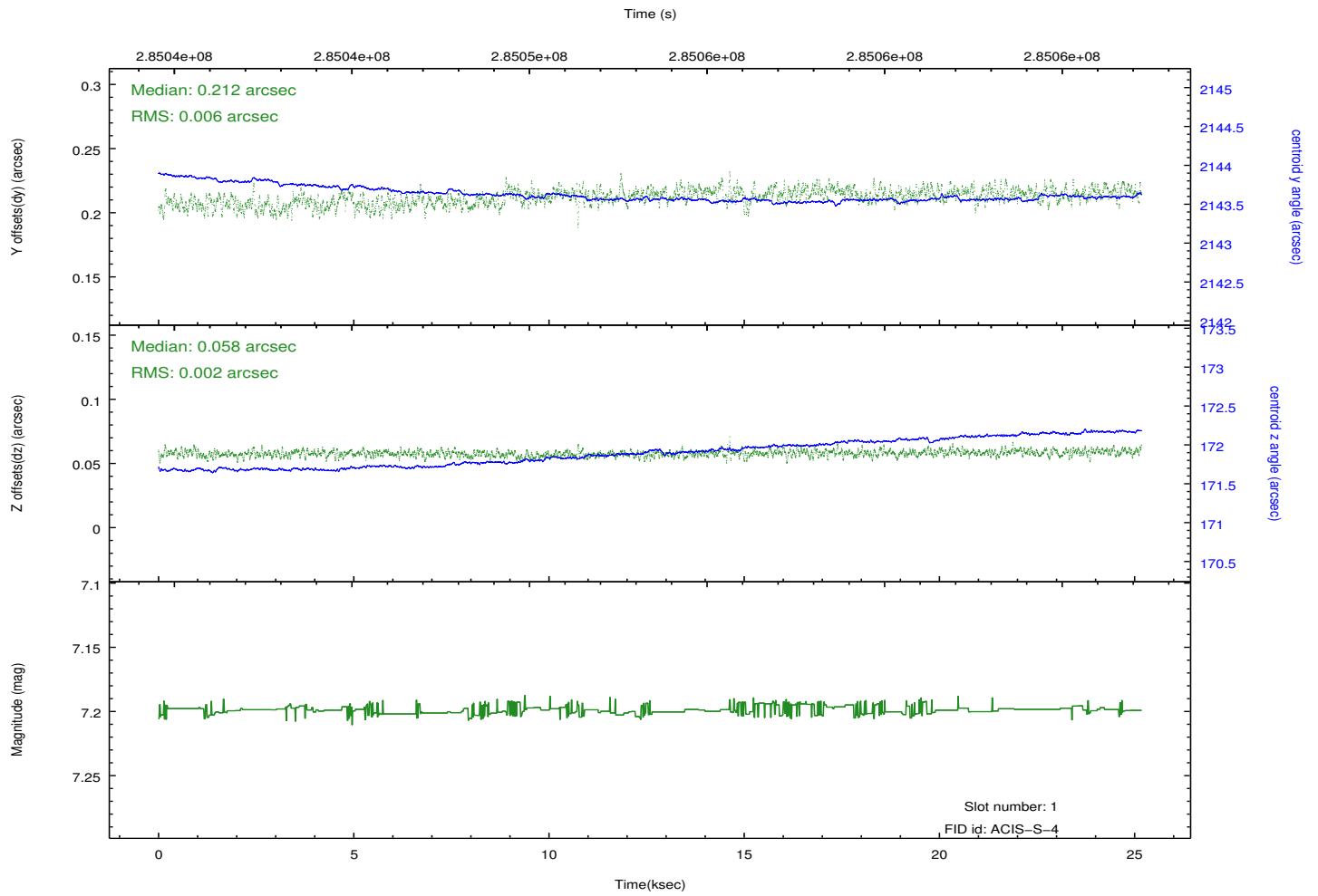
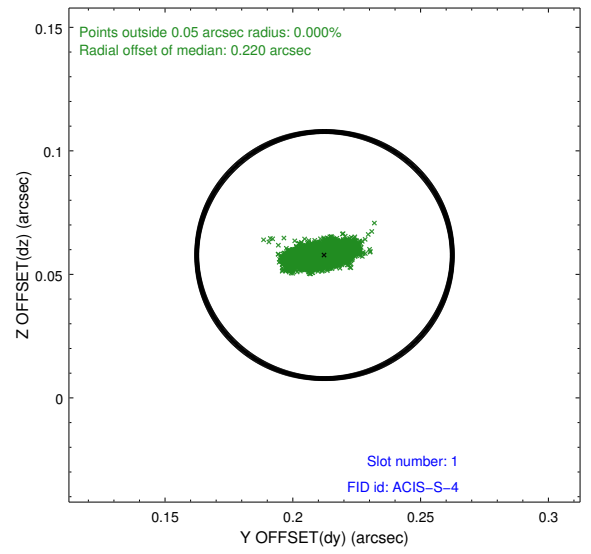
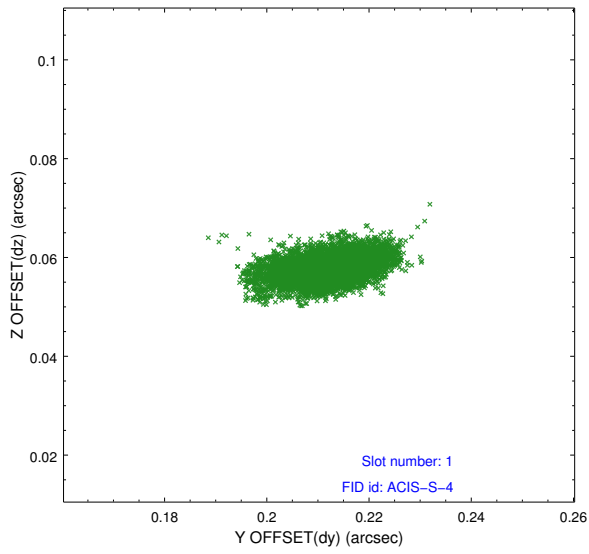


2.5 FID Slots

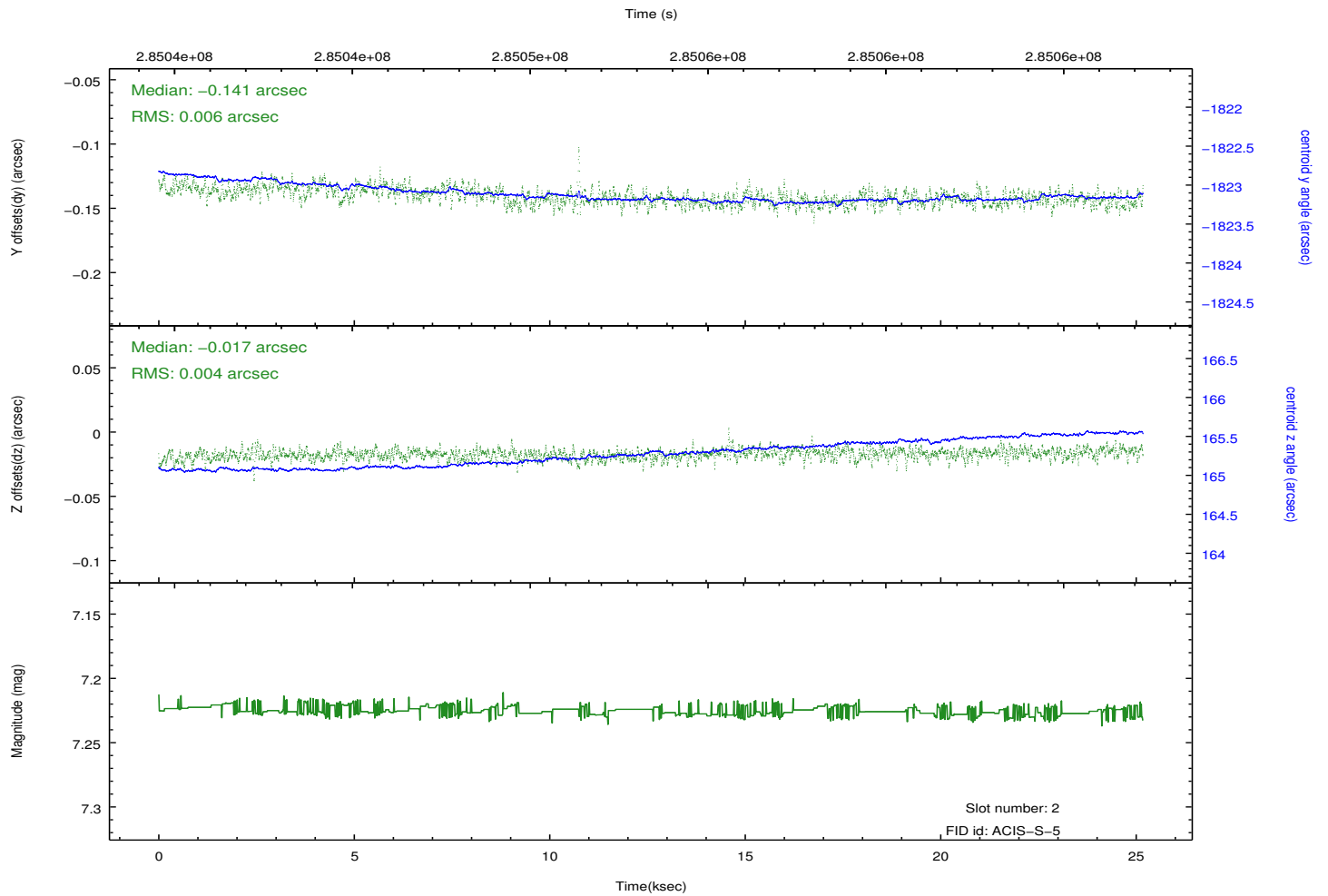
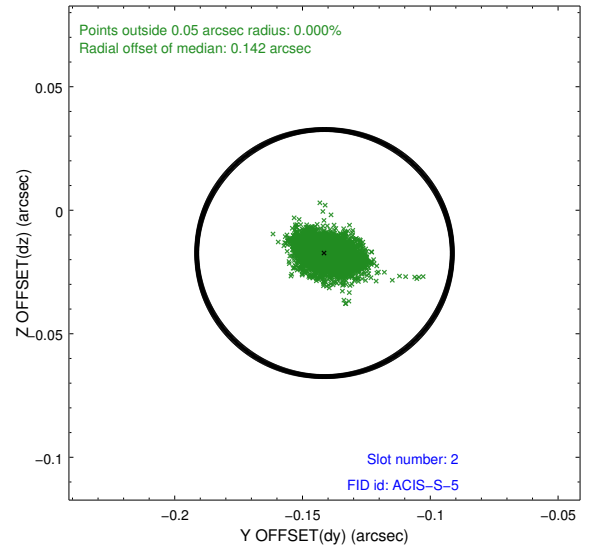
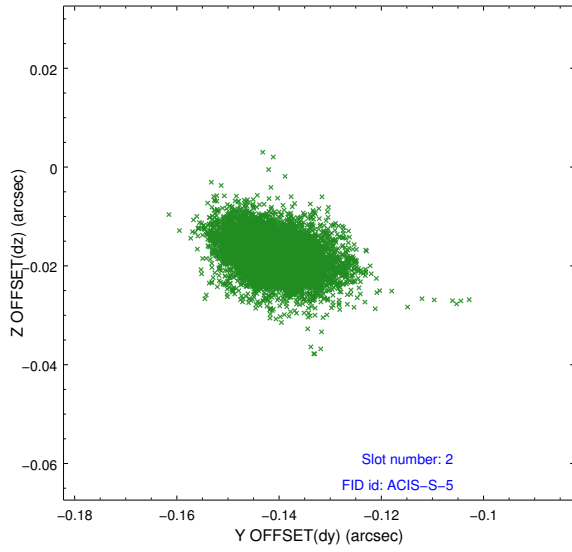
2.5.1 Slot 0



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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.1805

A.2 Comments