

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6440 - L2 Version 2
Chandra X-Ray Center

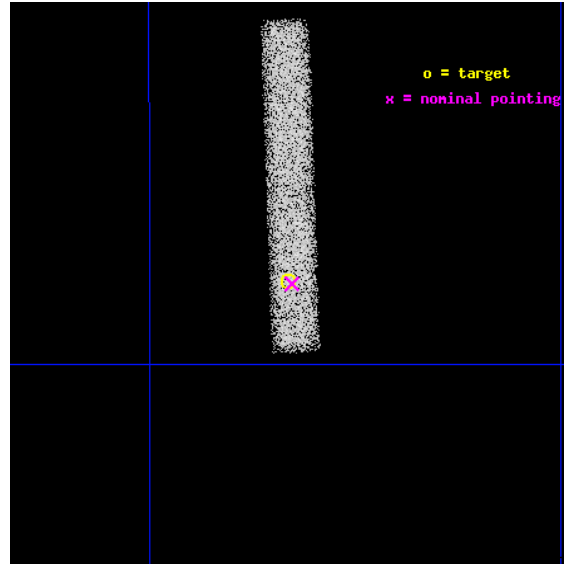
L2 Processing Date : Mar 18 2012

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1 Front

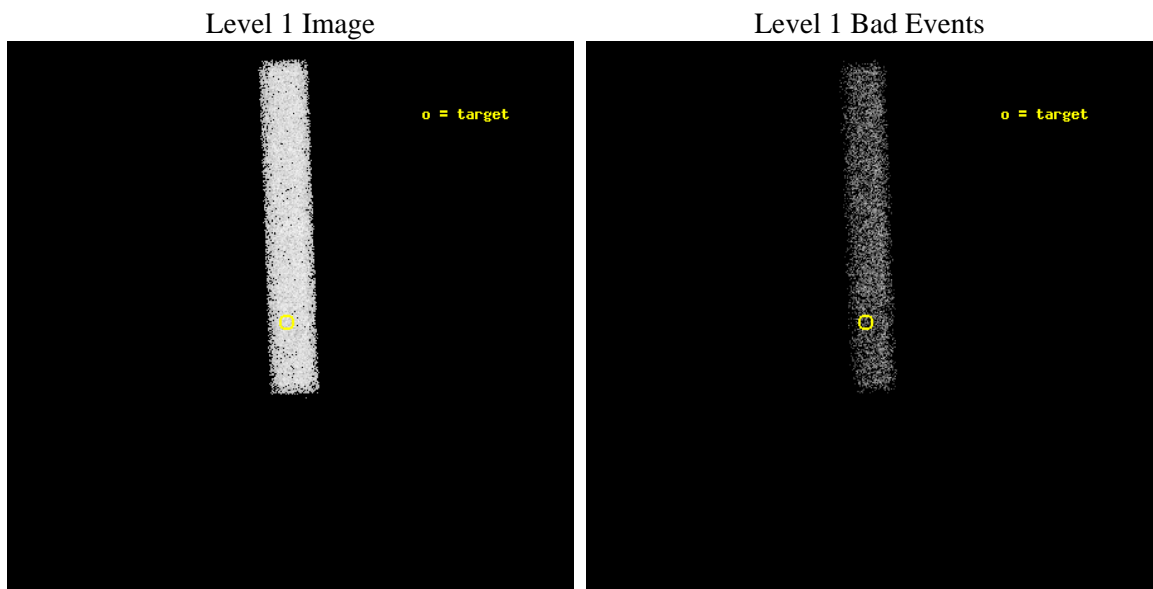
seq_num	200414	Sequence number
obs_id	6440	Observation id
title	MAGNETIC FIELDS ON 'ALIEN DWARFS': CORONAL ACTIVITY IN THE ARCTURUS MOVING GROUP	Proposal title
observer	Dr Alexander Brown	Principal investigator
object	HD199288	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	314.415833	Observer's specified target RA [deg]
dec_targ	-44.131	Observer's specified target Dec [deg]
ra_nom	314.41341657943	Nominal RA [deg]
dec_nom	-44.132209915097	Nominal Dec [deg]
roll_nom	267.95259357163	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25177.190124452	Sum of GTIs [s]
livetime	22834.382481818	Livetime [s]
ontime7	25177.190124452	Sum of GTIs [s]
l2events	16214	Number of level 2 events



2 OBI

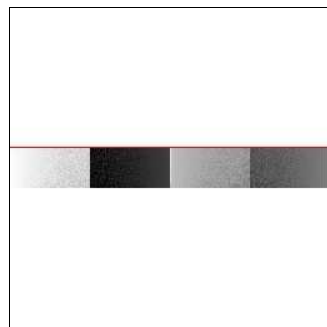
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	25000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	25177.190124452	Sum of GTIs [s]
caldbver	4.4.8	 	ontime7	25177.190124452	Sum of GTIs [s]
date	2012-03-18T09:29:59	Date and time of file creation	l1events	38128	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

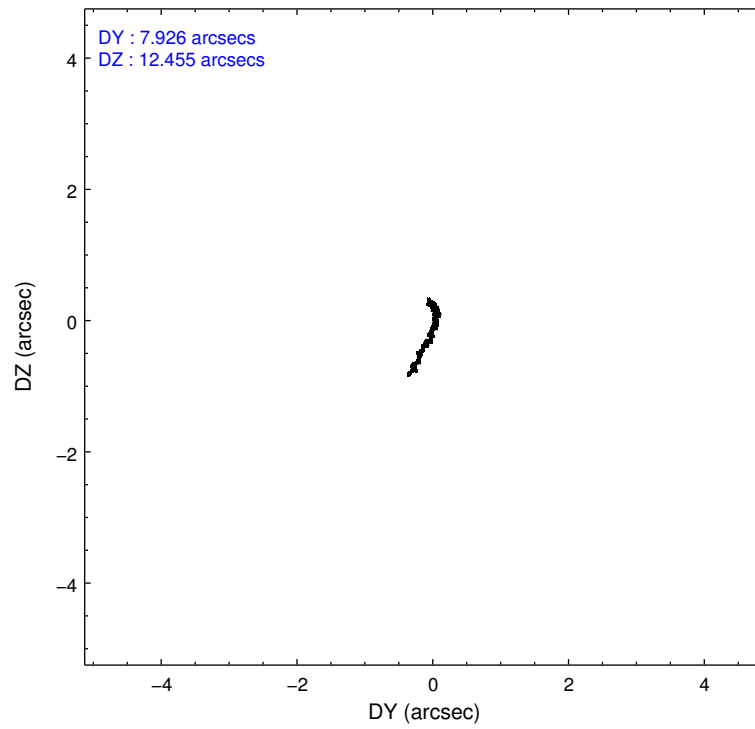
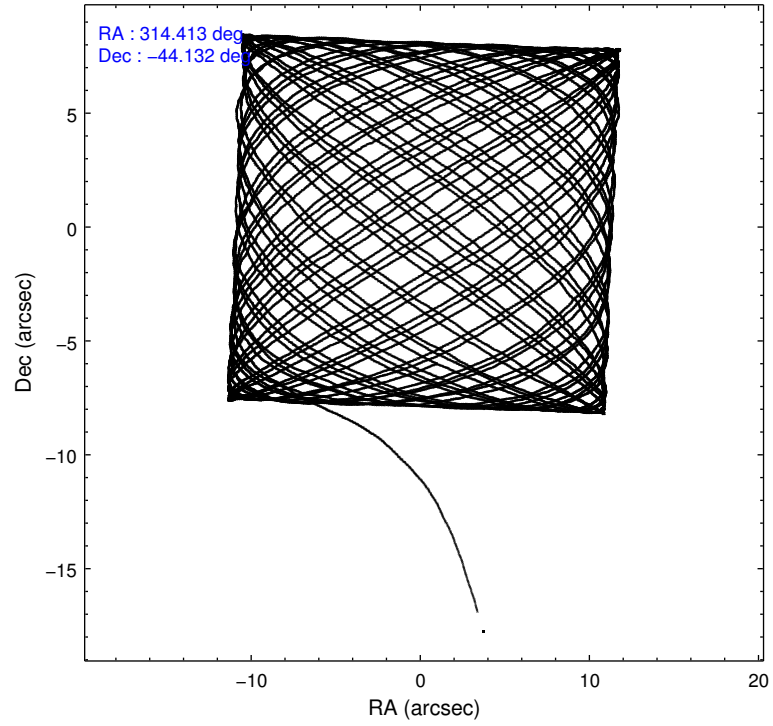
	ccd 7
level 1 events	38128
rejected events	21286
rejected %	55%

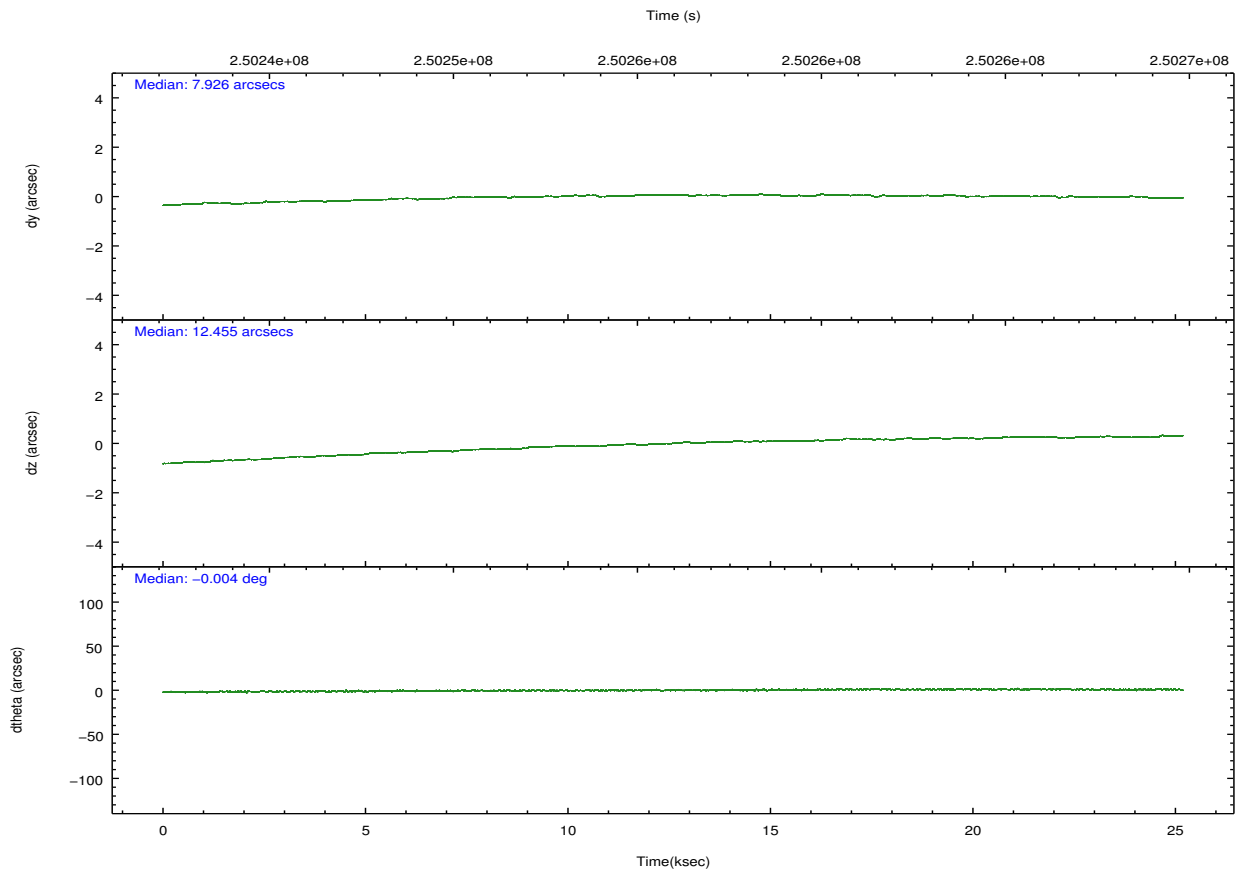
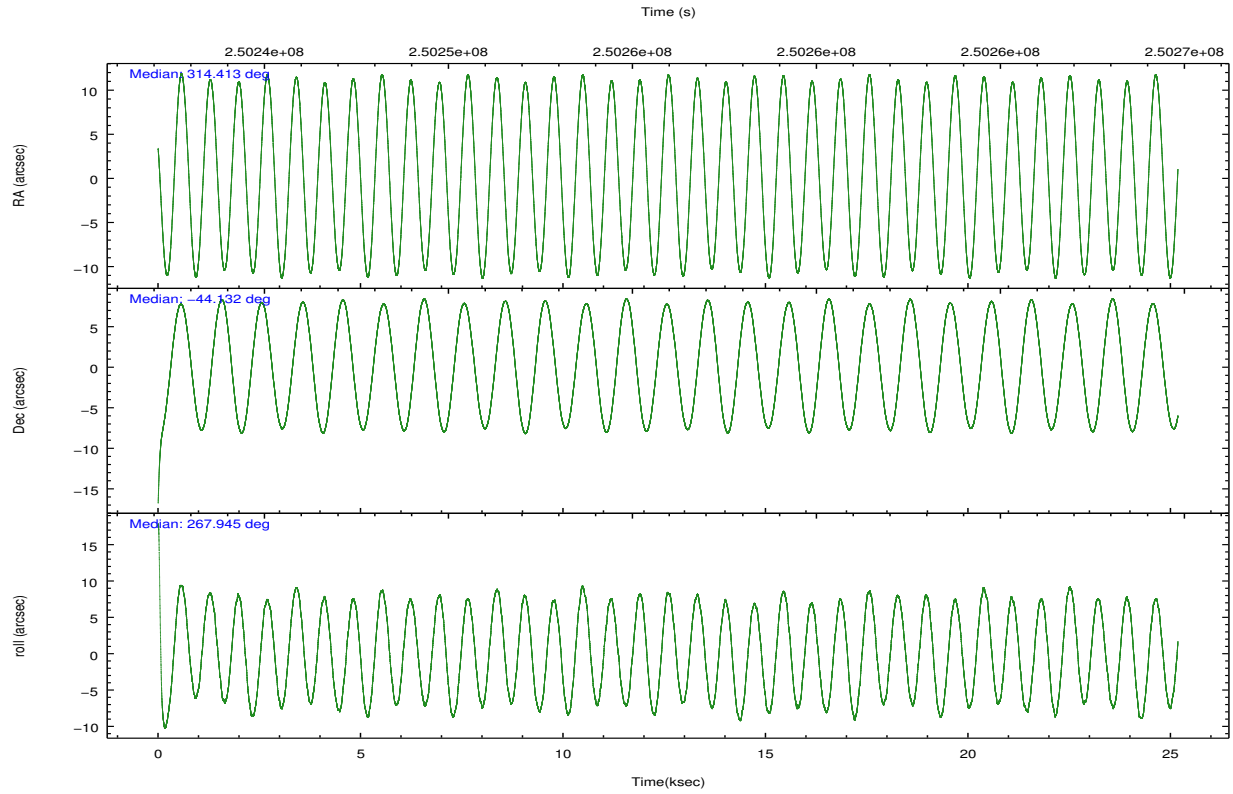
	ccd 7
grade 0 events	1832
	4%
grade 1 events	41
	0%
grade 2 events	3302
	8%
grade 3 events	2318
	6%
grade 4 events	2252
	5%
grade 5 events	3629
	9%
grade 6 events	8048
	21%
grade 7 events	16706
	43%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	314.395223	314.4134165794331	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-44.108301	-44.13220991509718	Subarray start row	449	449
[deg] Pointing Roll	267.783295	267.9525935716337	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)	250243562.184000	250241959.06327			
Observation start date	2005-12-06T08:04:58	2005-12-06T07:39:19			
[s] Observation end time (MET)	250268562.184000	250269551.55204			
Observation end date	2005-12-06T15:01:38	2005-12-06T15:19:11			
Read mode	TIMED	TIMED			

2.3 Aspect



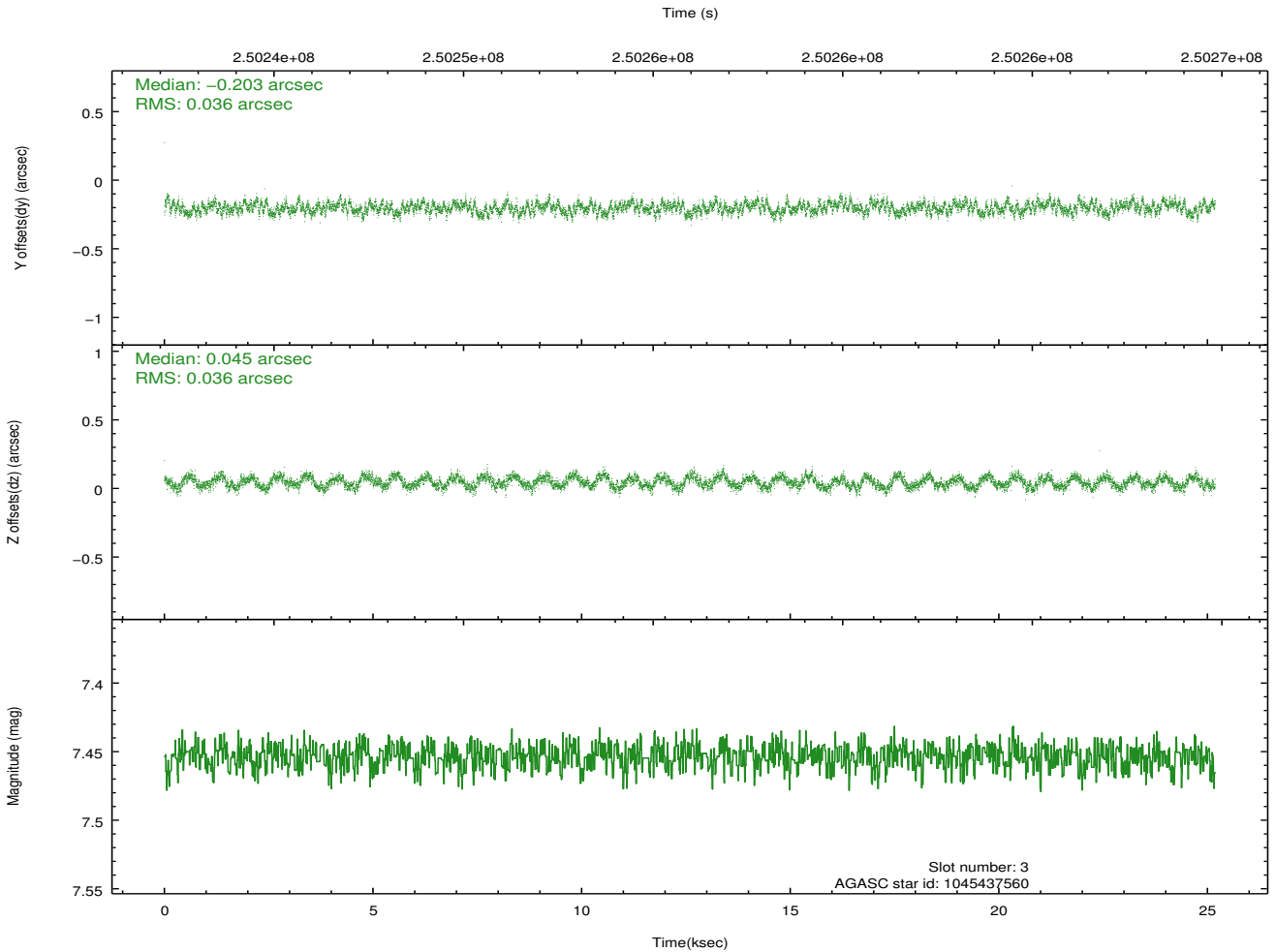
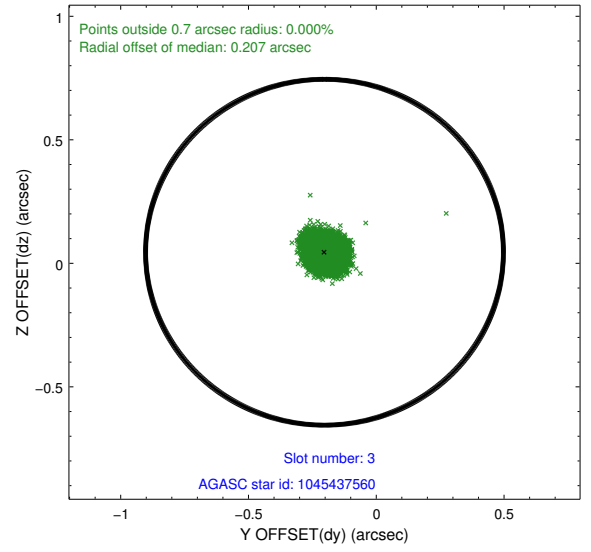
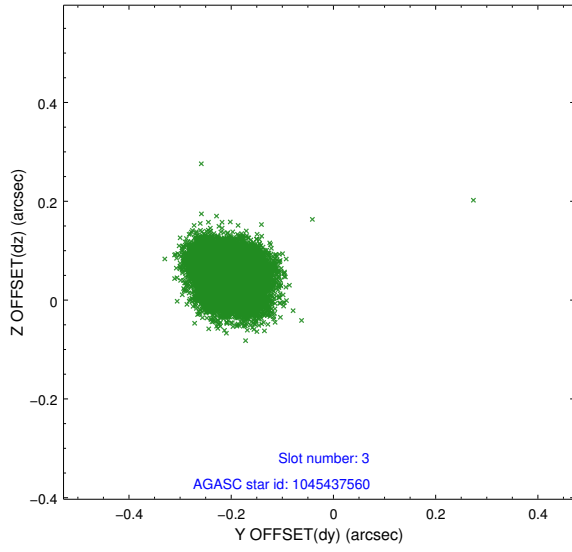


Slot Statistics

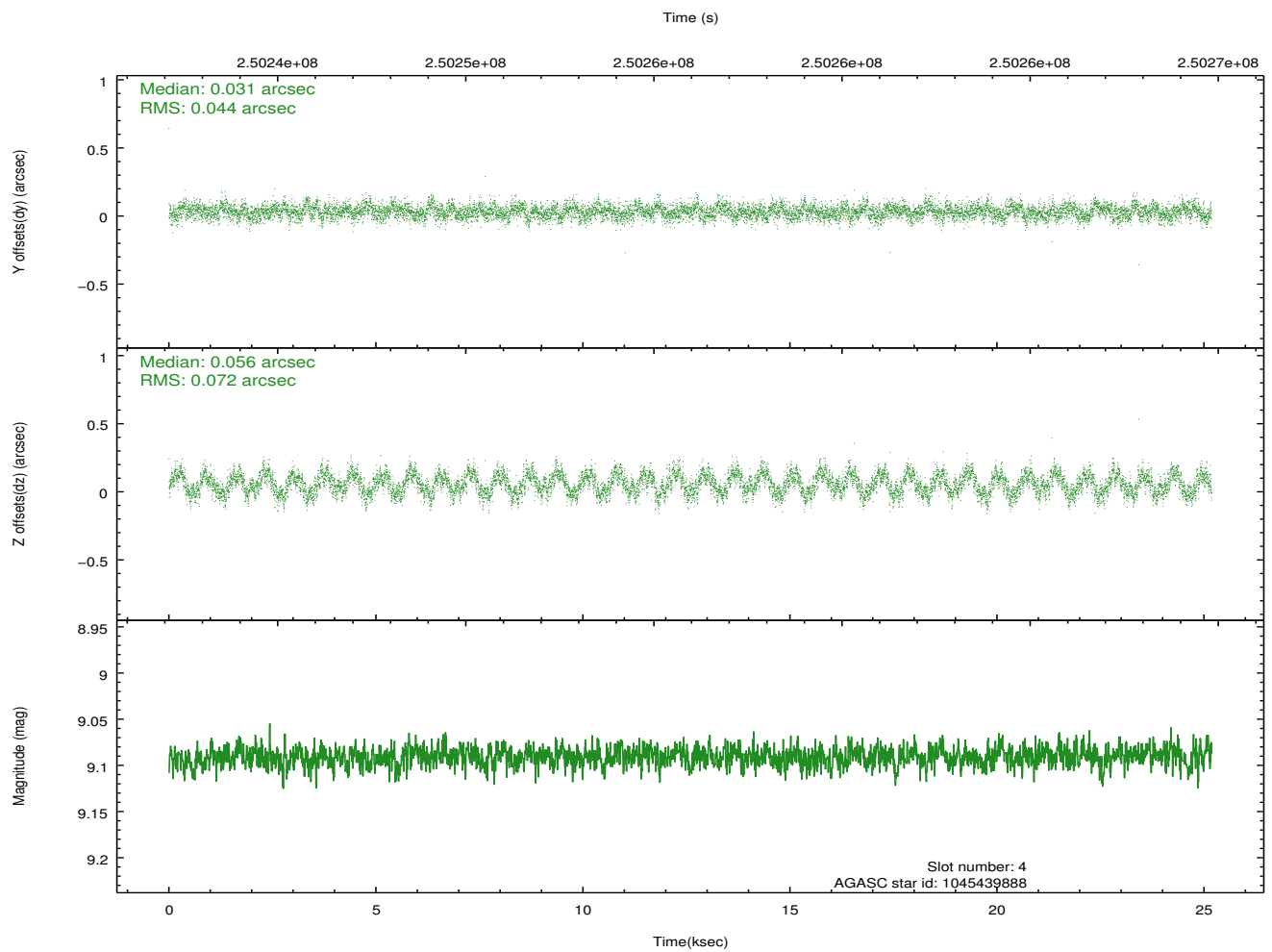
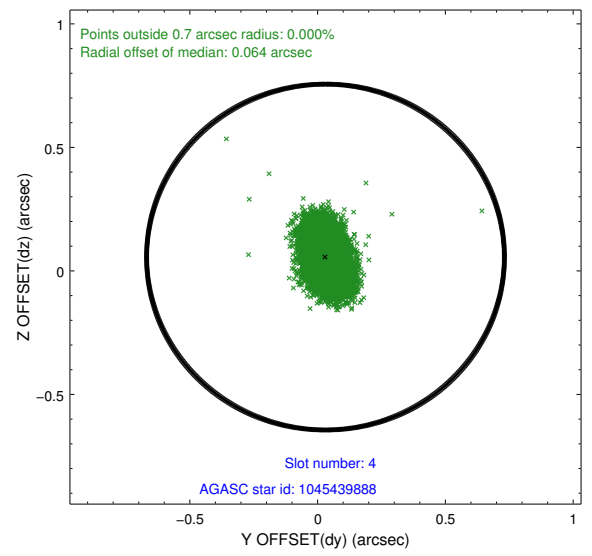
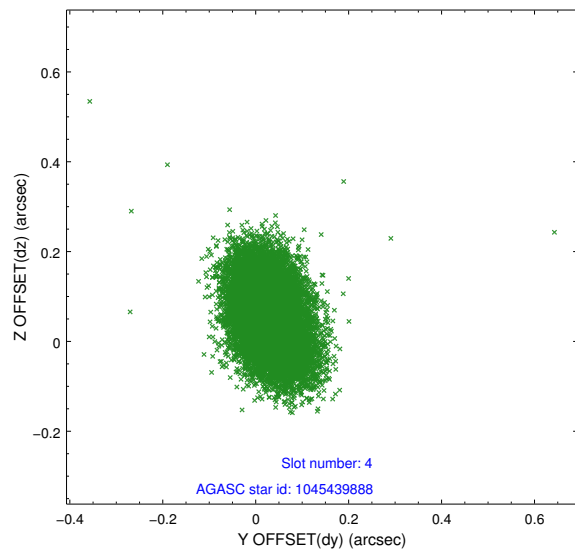
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6142	-0.007	-0.031	0.010	0.022	0.000000	0.000000	-760.67	-1733.65
1	FID	ACIS-S-4	7.20	6139	0.084	0.012	0.006	0.011	0.000000	0.000000	2152.65	174.75
2	FID	ACIS-S-5	7.23	6142	-0.107	0.029	0.010	0.023	0.000000	0.000000	-1813.46	168.58
3	GUIDE	1045437560	7.45	12277	-0.203	0.045	0.055	0.085	314.933958	-43.507246	-2212.14	1322.21
4	GUIDE	1045439888	9.09	12275	0.031	0.056	0.090	0.146	314.875706	-43.952785	-604.03	1223.18
5	GUIDE	1045567016	8.76	12275	0.058	0.122	0.068	0.111	315.146119	-44.673464	1967.58	2000.74
6	GUIDE	1045434336	8.72	12277	0.311	-0.220	0.083	0.145	313.396593	-44.705894	2265.23	-2468.96
7	GUIDE	1045439664	6.89	12281	-0.194	-0.004	0.049	0.079	313.434683	-44.340750	946.87	-2438.10

2.4 Star Slots

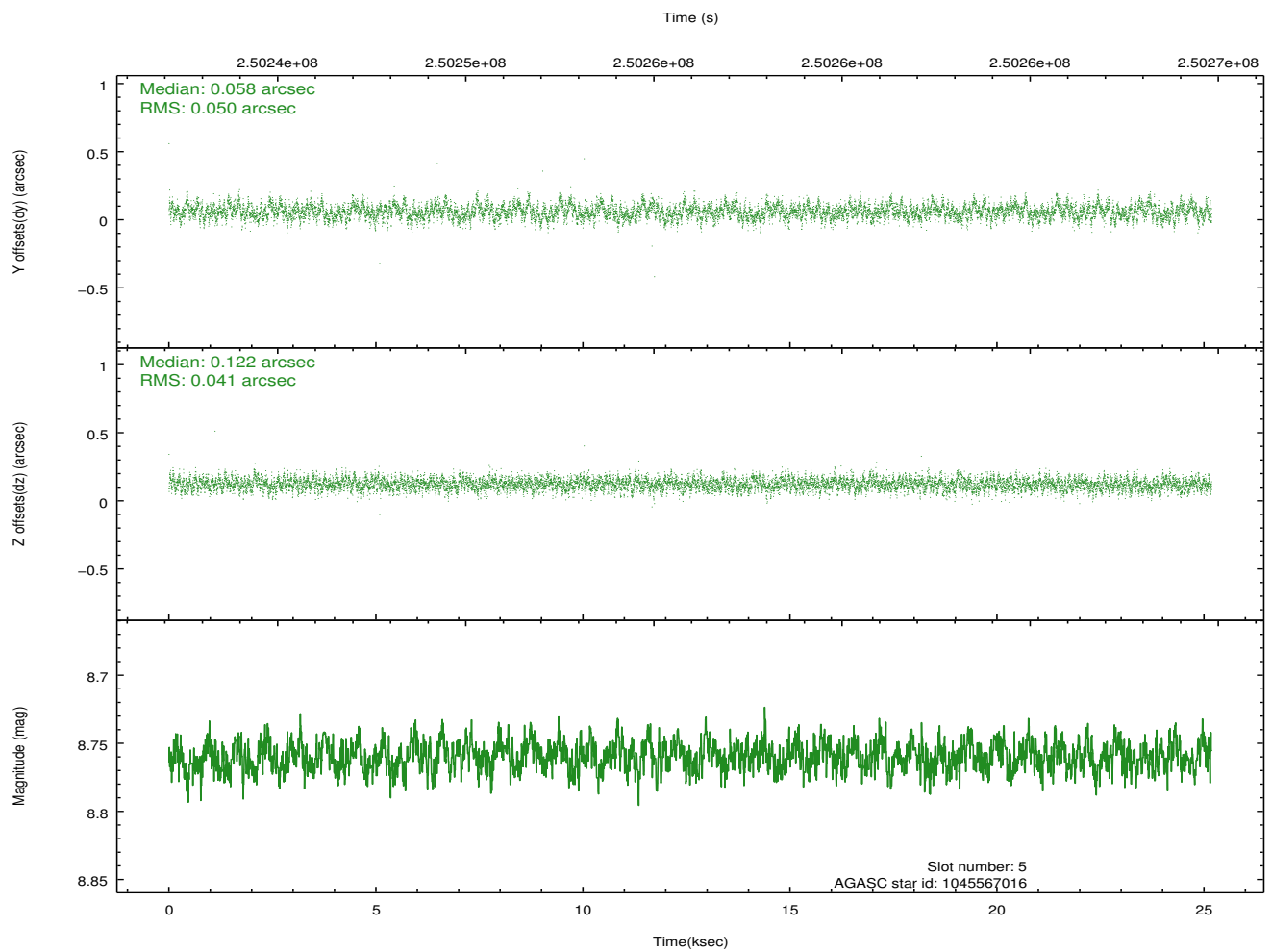
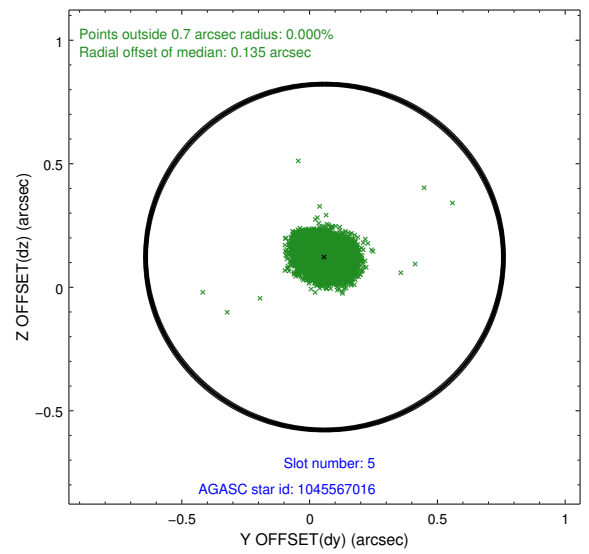
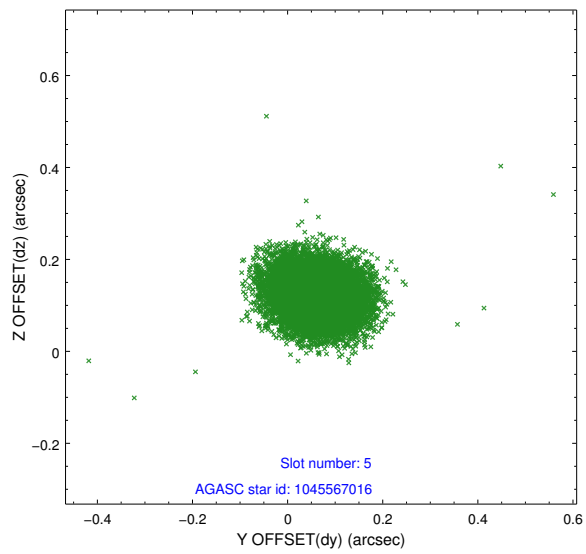
2.4.1 Slot 3



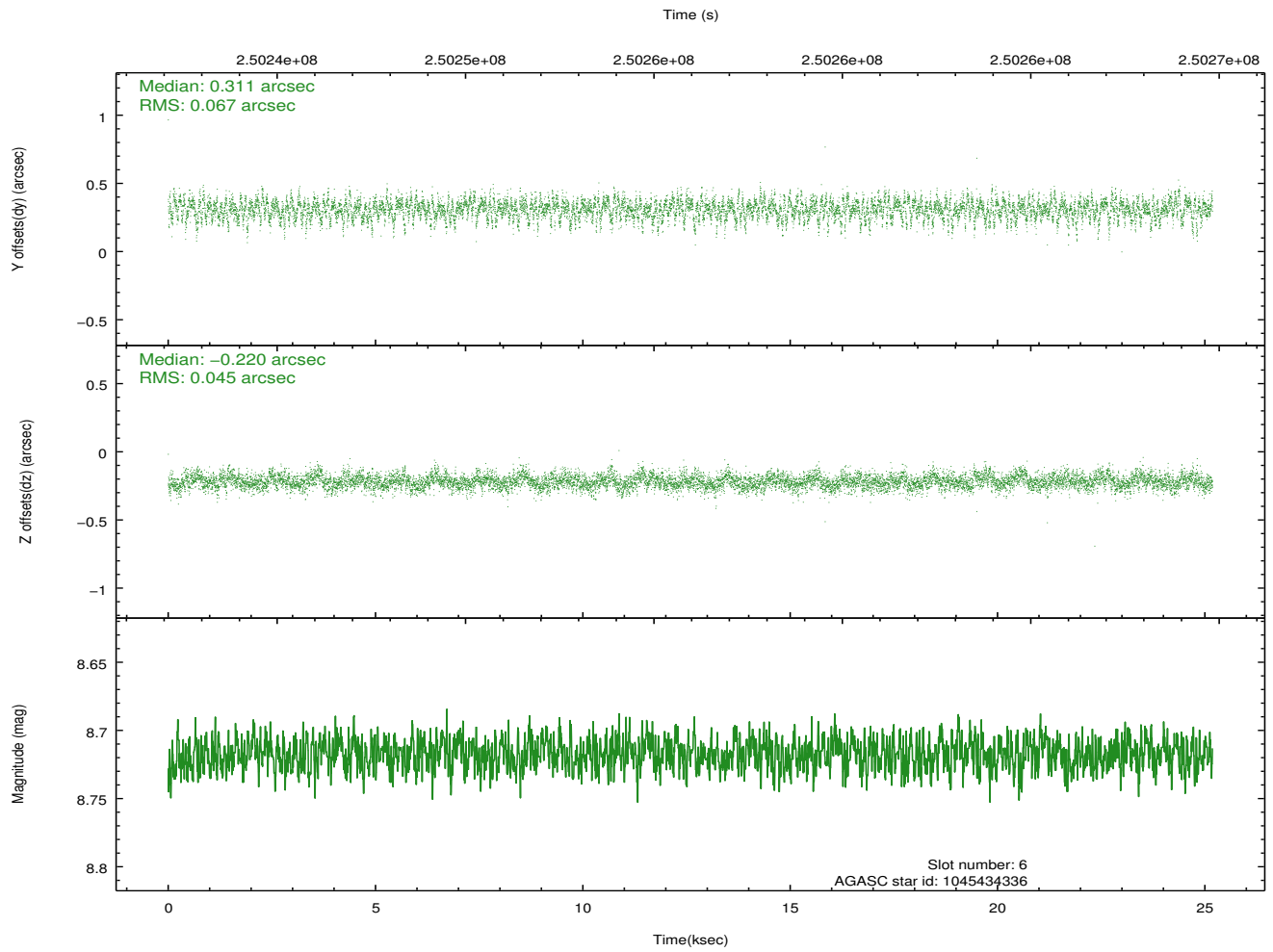
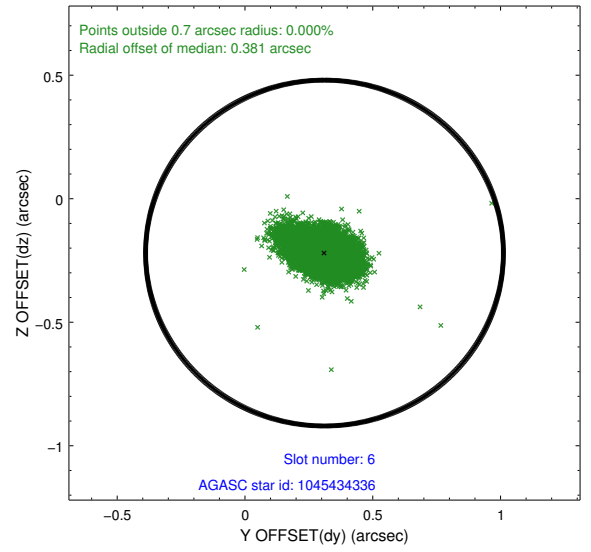
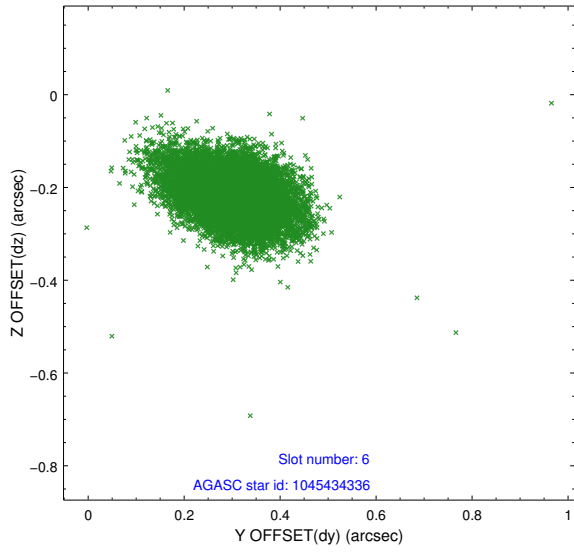
2.4.2 Slot 4



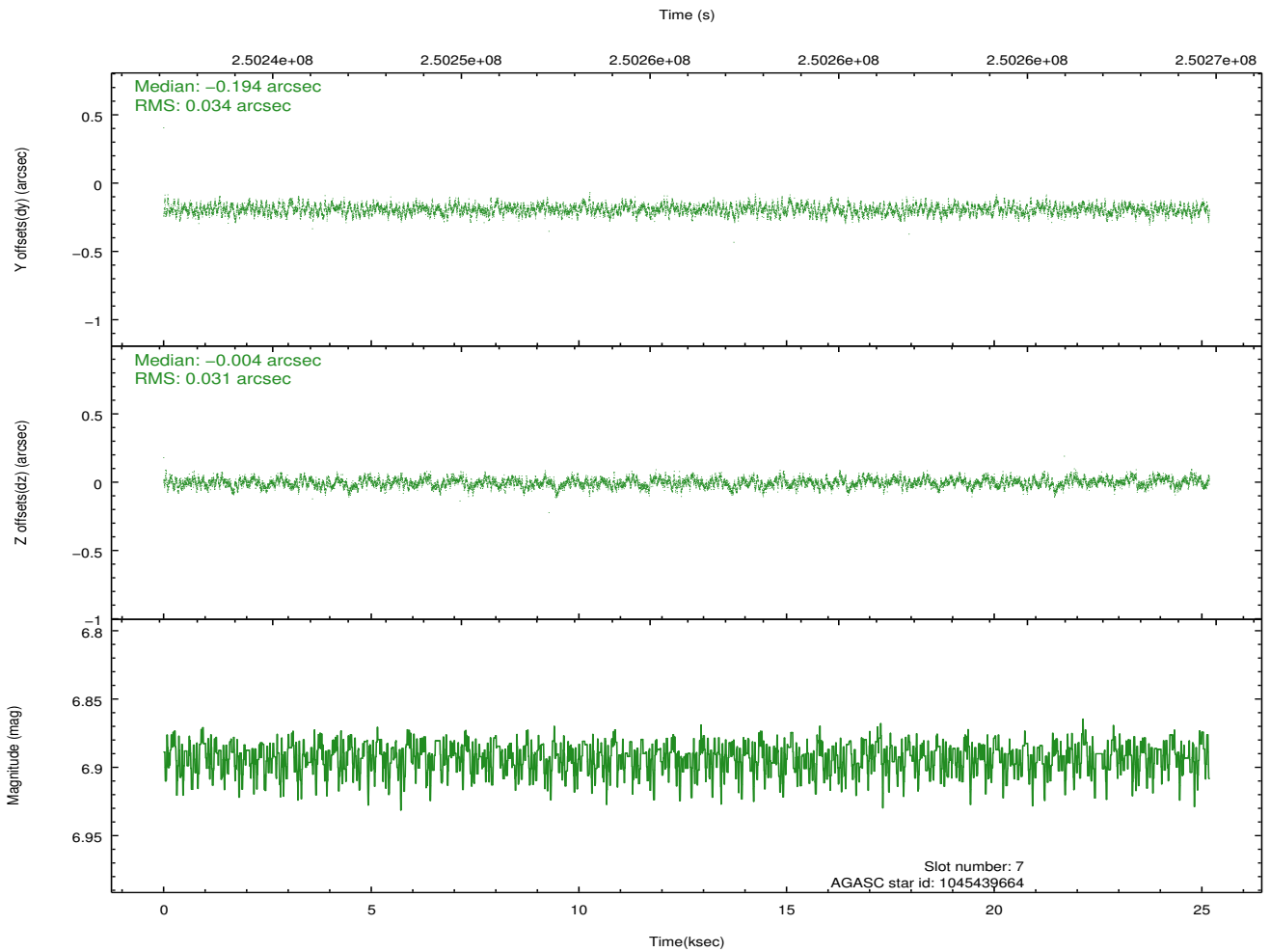
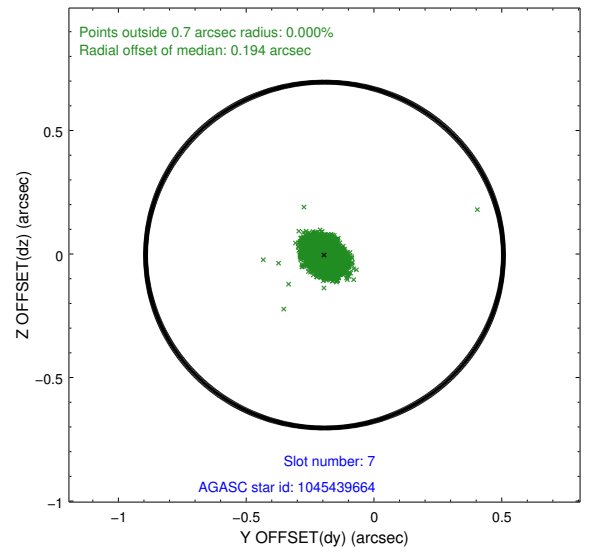
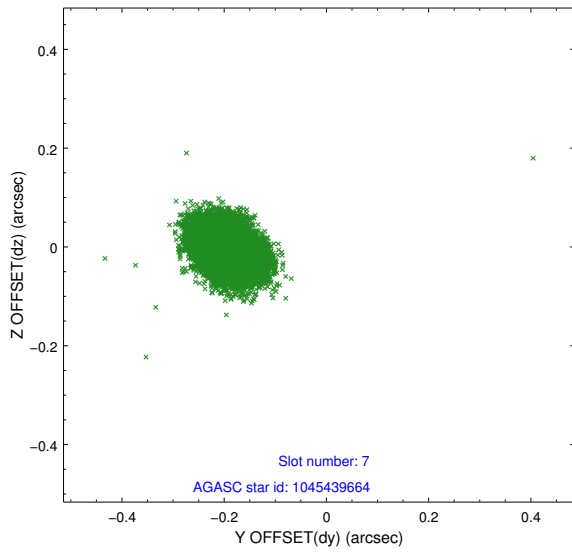
2.4.3 Slot 5



2.4.4 Slot 6

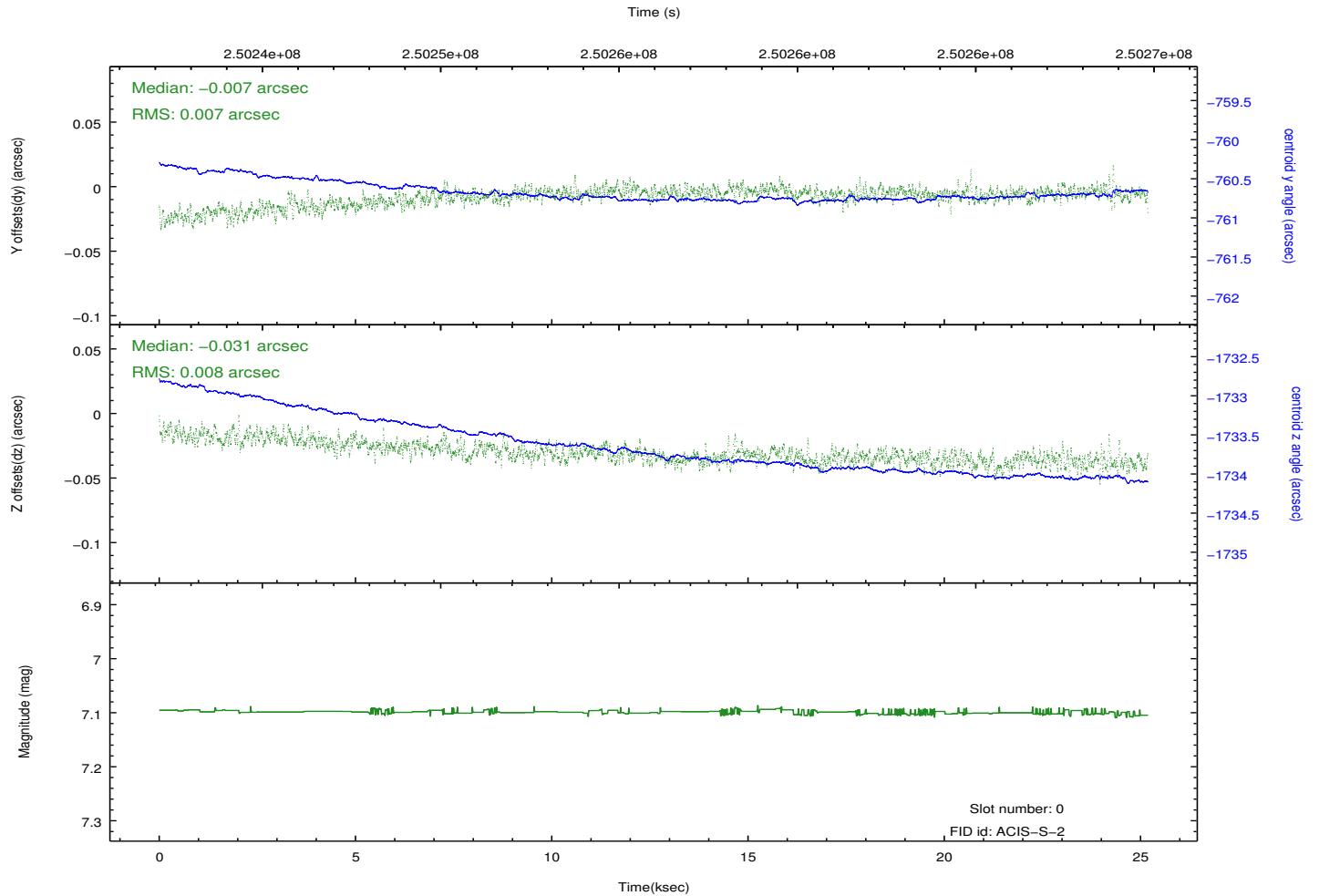
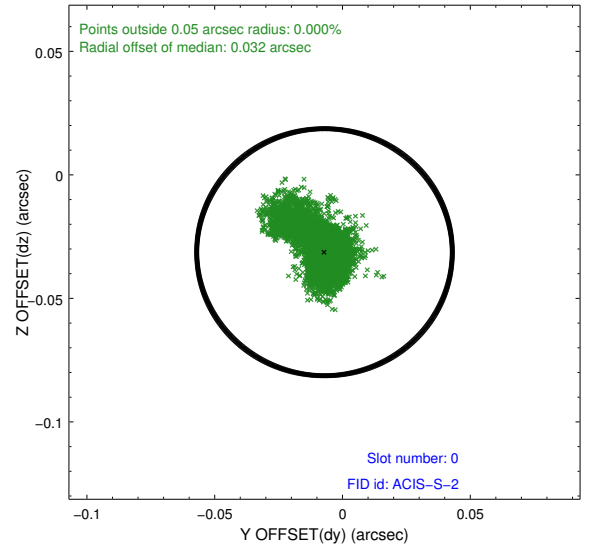
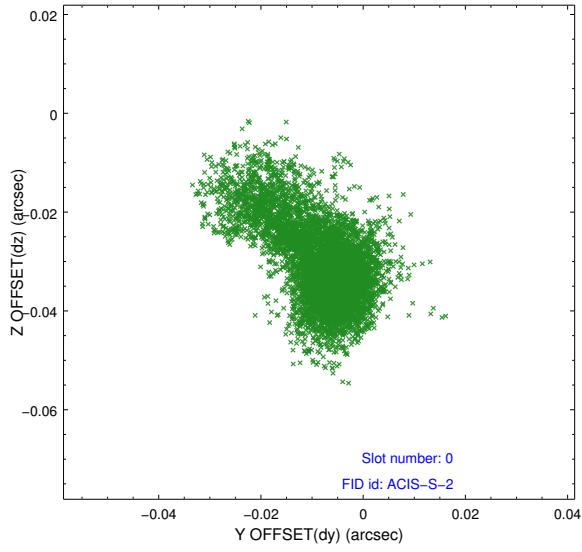


2.4.5 Slot 7

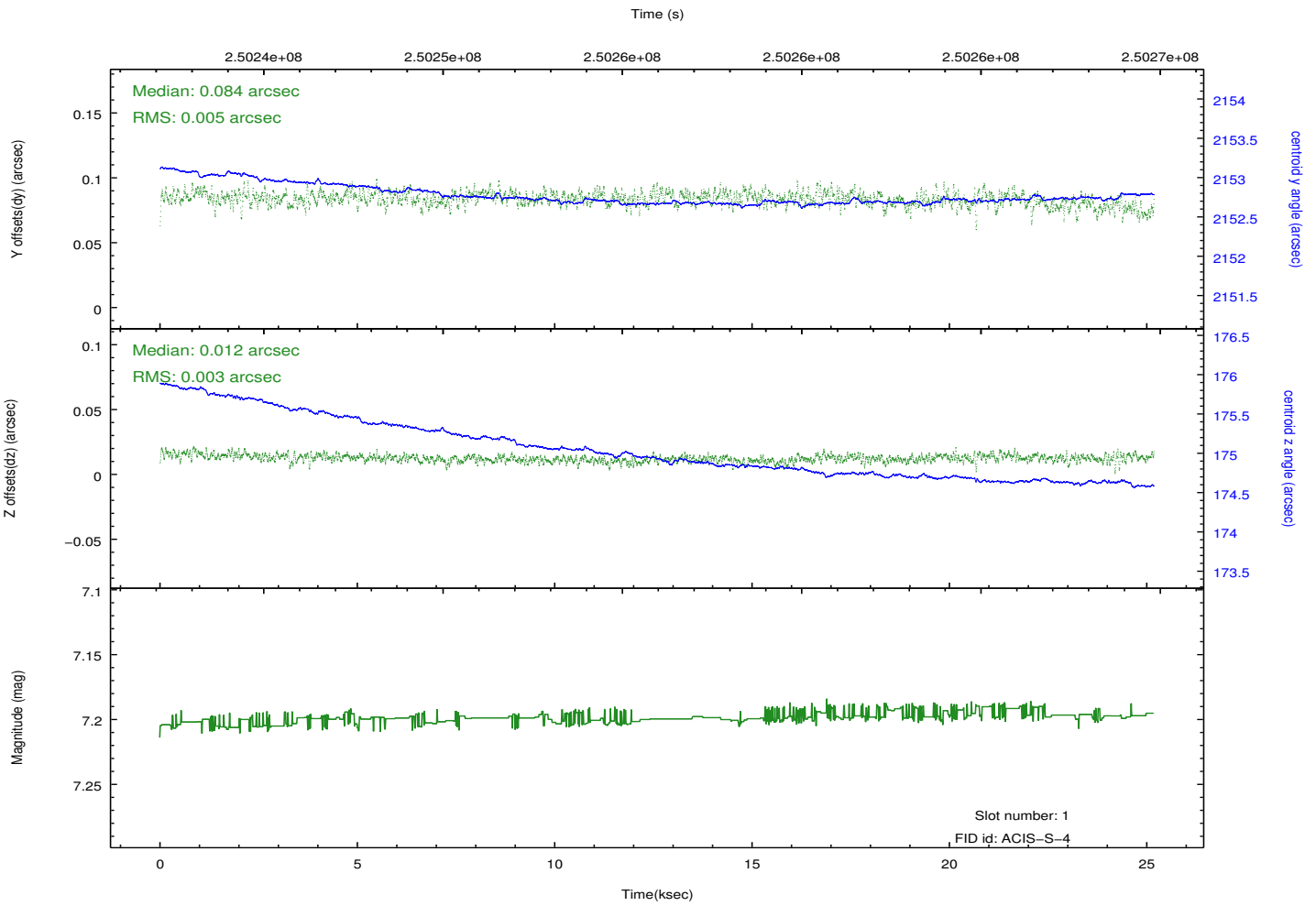
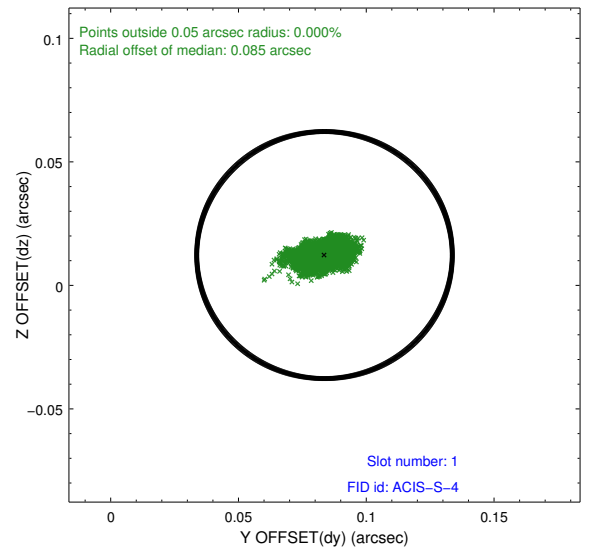
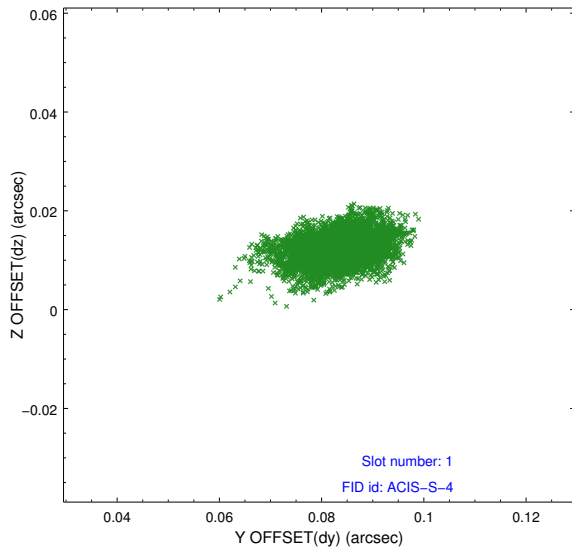


2.5 FID Slots

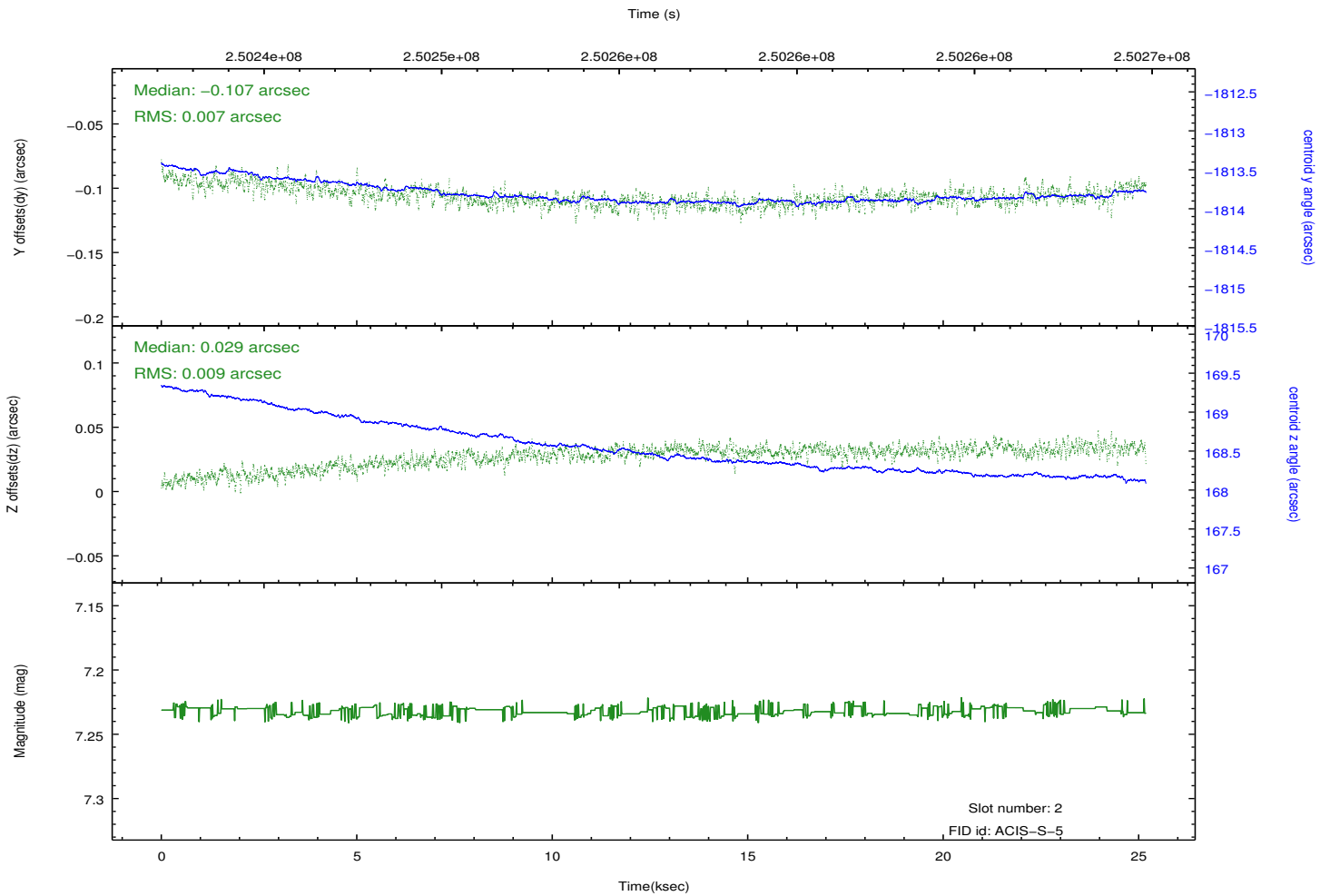
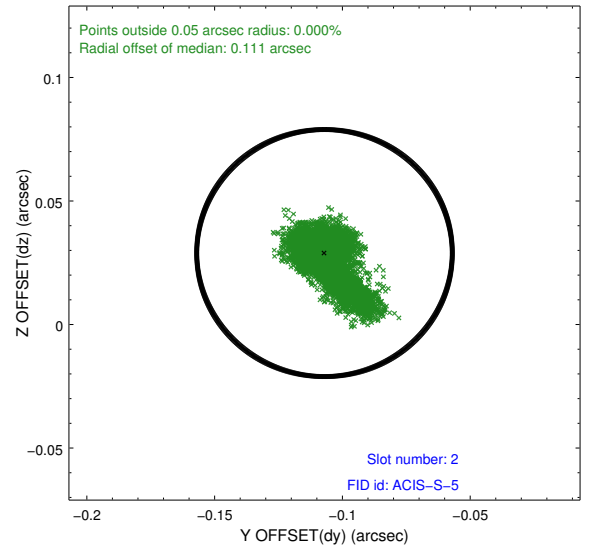
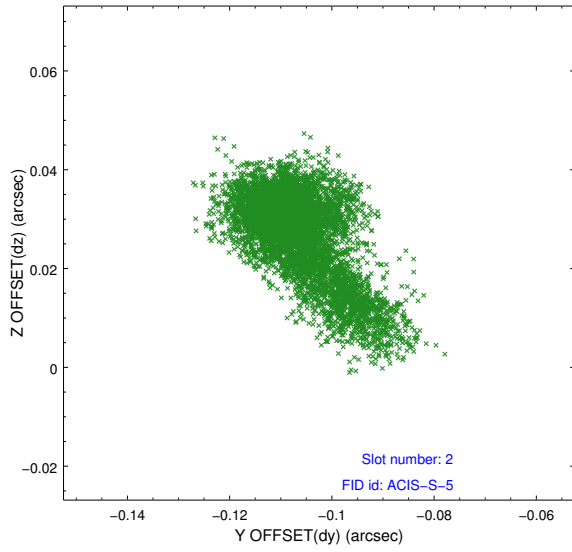
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.17719

A.2 Comments