

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2998 - L2 Version 3
Chandra X-Ray Center

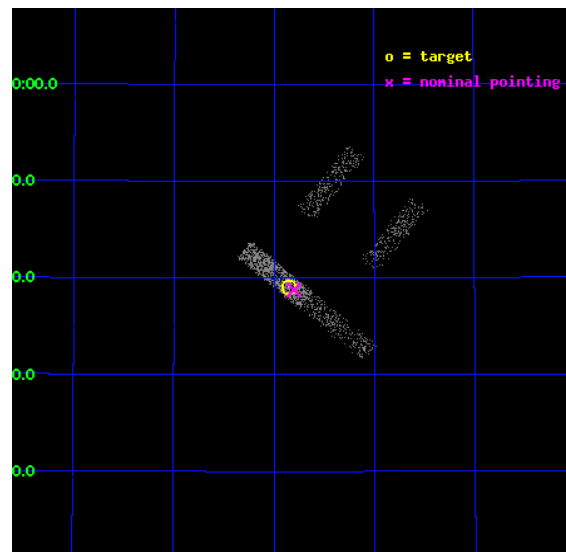
L2 Processing Date : Oct 7 2012

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1 Front

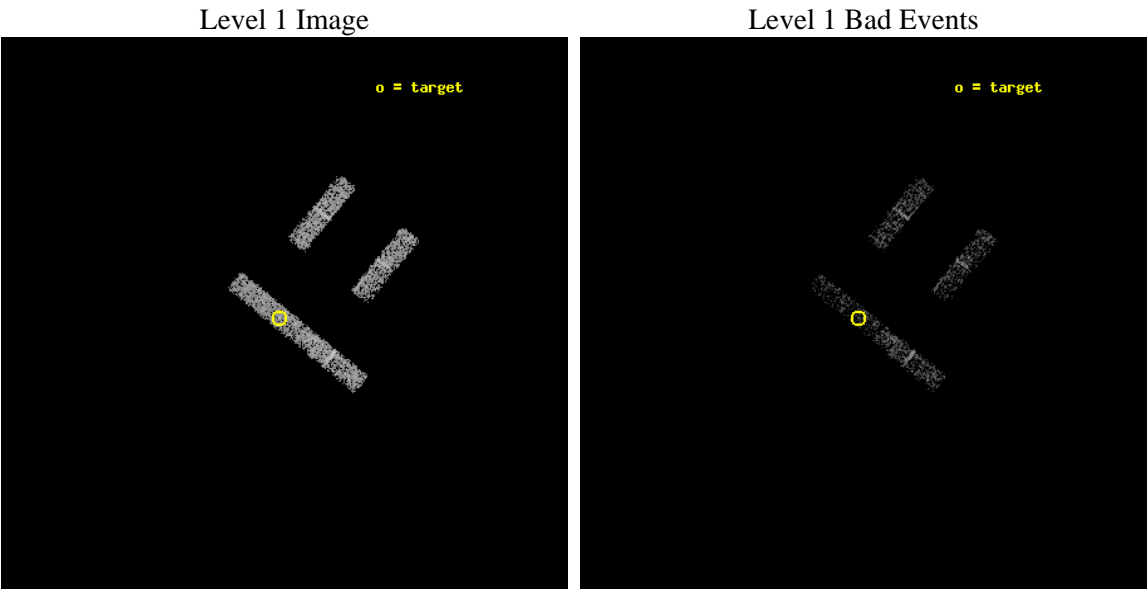
seq_num	700437	Sequence number
obs_id	2998	Observation id
title	CHANDRA SNAPSHOT OBSERVATIONS OF SOFT X-RAY TRANSIENT AGN	Proposal
observer	Dr Rick Edelson	Principal investigator
object	MCG+08-23-067	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.2125	Observer's specified target RA [deg]
dec_targ	45.650833	Observer's specified target Dec [deg]
ra_nom	189.20059666605	Nominal RA [deg]
dec_nom	45.646217650006	Nominal Dec [deg]
roll_nom	219.15207987977	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2605.5	Sum of GTIs [s]
livetime	433.61403275195	Livetime [s]
ontime2	2605.5	Sum of GTIs [s]
ontime3	2605.5	Sum of GTIs [s]
ontime6	2605.5	Sum of GTIs [s]
ontime7	2605.5	Sum of GTIs [s]
l2events	2127	Number of level 2 events



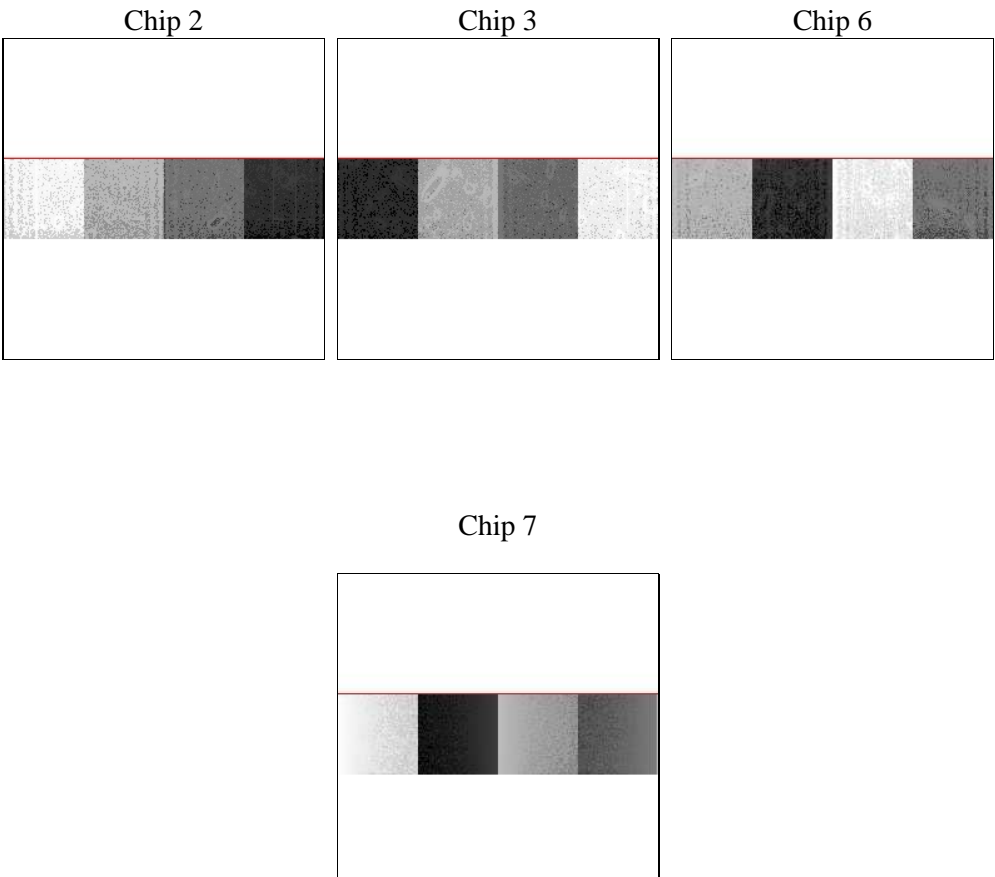
2 OBI

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	2000.487000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2605.5	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	2605.5	Sum of GTIs [s]
date	2012-10-07T11:04:18	Date and time of file creation	ontime3	2605.5	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2605.5	Sum of GTIs [s]
			ontime7	2605.5	Sum of GTIs [s]
			l1events	12774	Number of level 1 events

2.1.4 Events

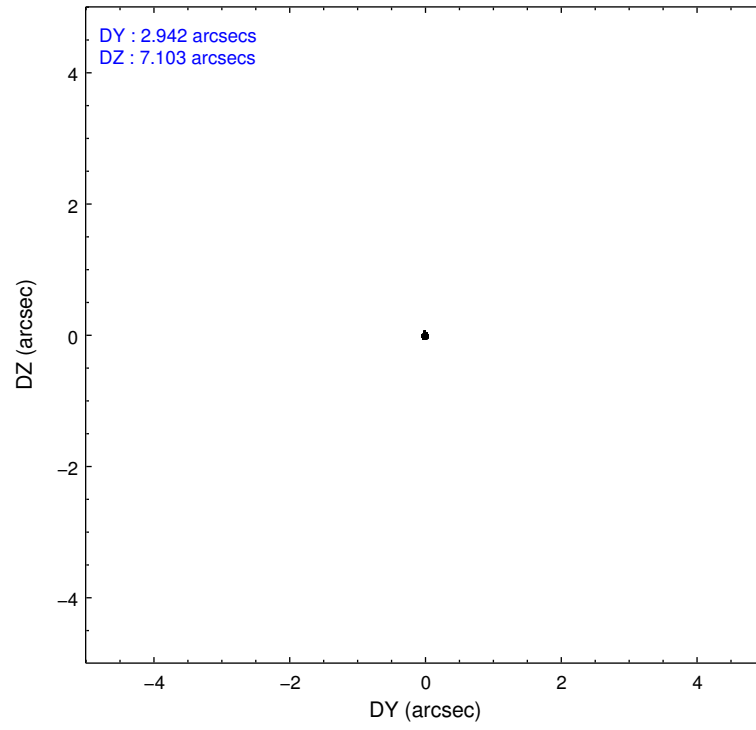
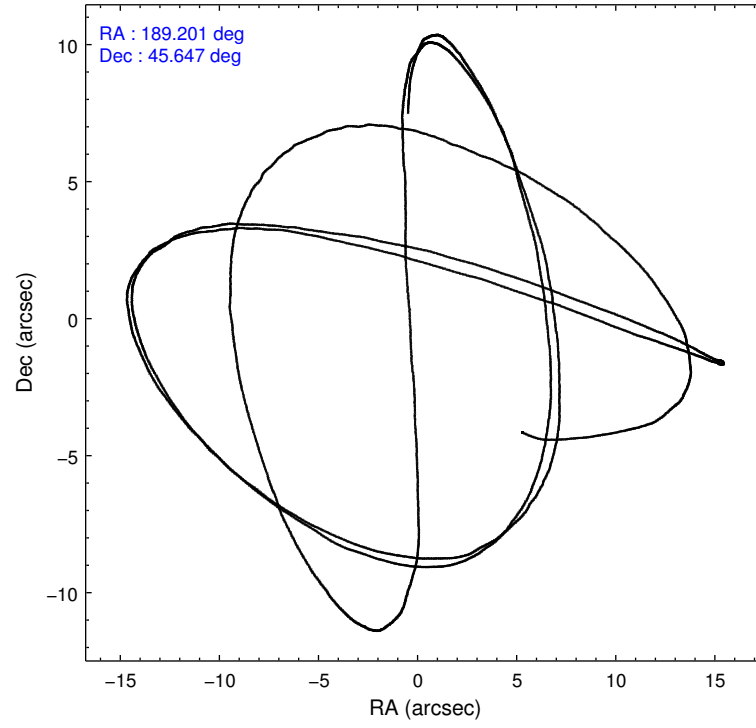
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	2925	3290	3601	2958
rejected events	2580	2955	3229	1636
rejected %	88%	89%	89%	55%

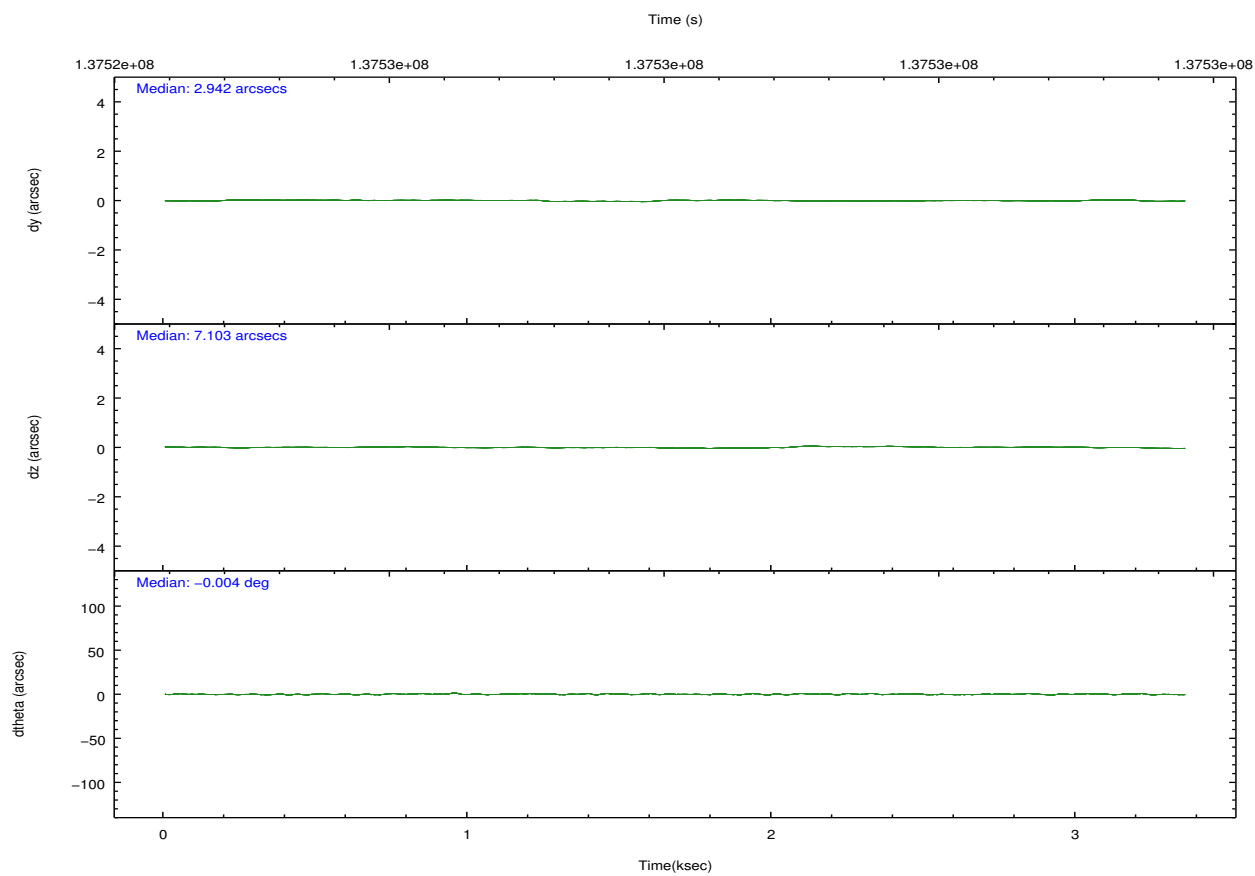
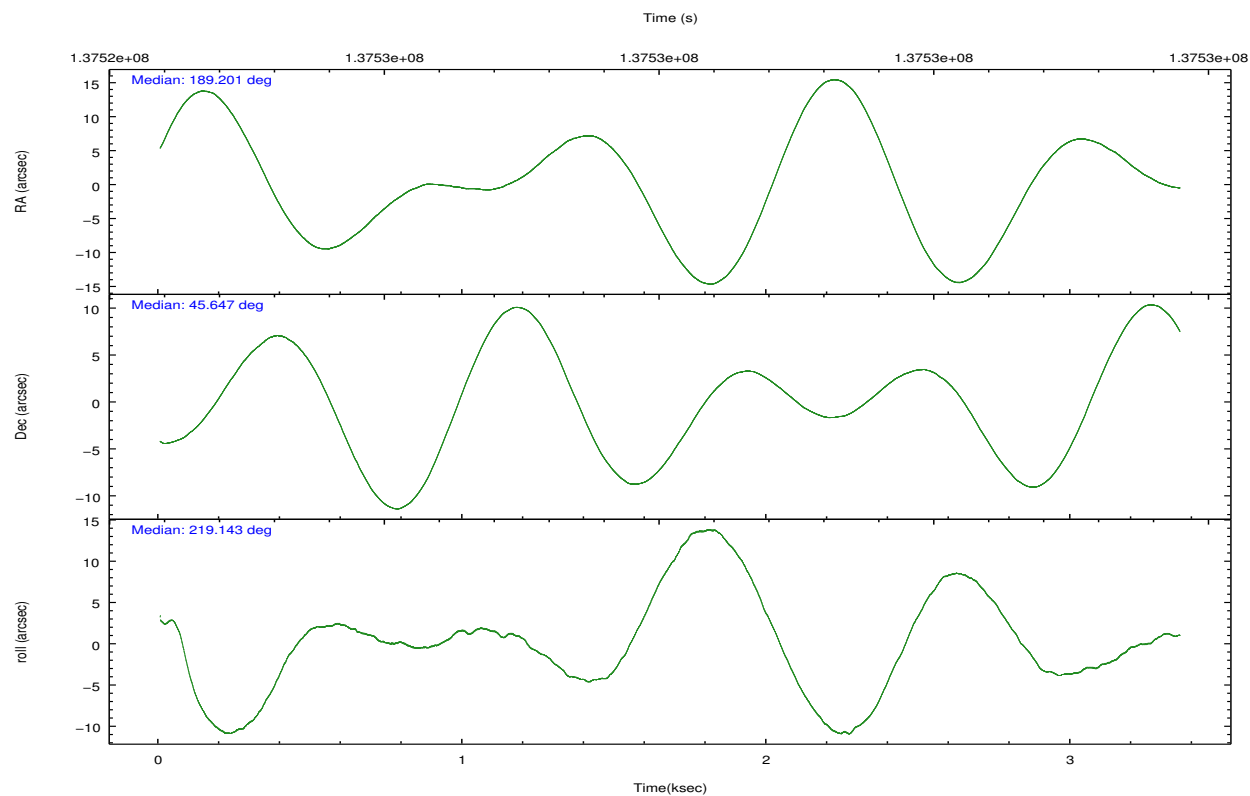
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	143	138	149	201
	4%	4%	4%	6%
grade 1 events	1	1	0	3
	0%	0%	0%	0%
grade 2 events	57	58	57	263
	1%	1%	1%	8%
grade 3 events	48	43	54	160
	1%	1%	1%	5%
grade 4 events	56	56	59	136
	1%	1%	1%	4%
grade 5 events	63	61	76	181
	2%	1%	2%	6%
grade 6 events	42	41	53	563
	1%	1%	1%	19%
grade 7 events	2515	2892	3153	1451
	85%	87%	87%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	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	189.213787	189.2005966660466	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	45.671711	45.64621765000597	Subarray start row	385	385
[deg] Pointing Roll	218.986015	219.152079879771	Subarray row count	256	256
[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	0.2
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	137526721.184000	137525175.41893			
Observation start date	2002-05-11T17:50:57	2002-05-11T17:26:15			
[s] Observation end time (MET)	137528722.184000	137529036.59409			
Observation end date	2002-05-11T18:24:18	2002-05-11T18:30:36			
Read mode	TIMED	TIMED			

2.3 Aspect



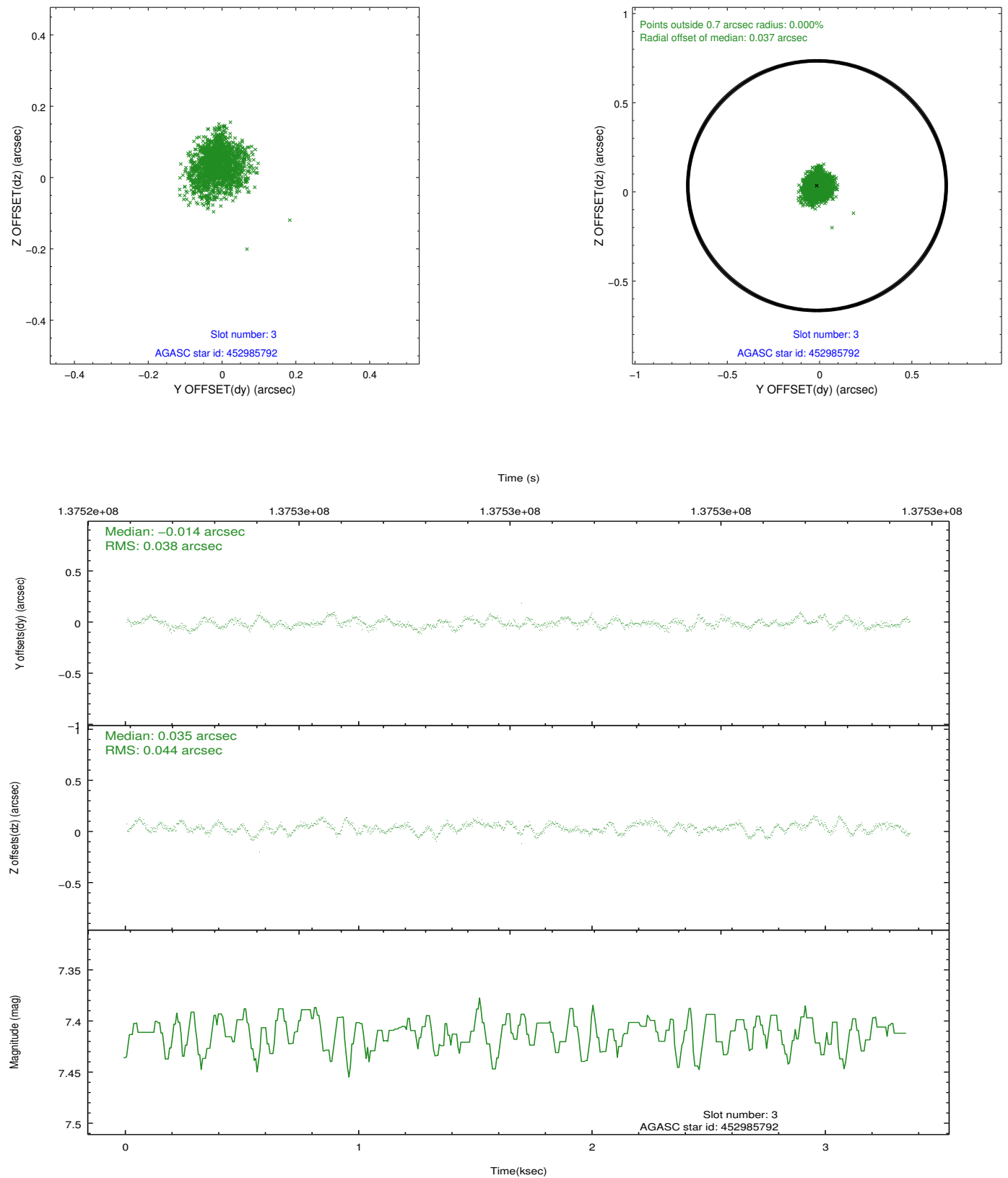


Slot Statistics

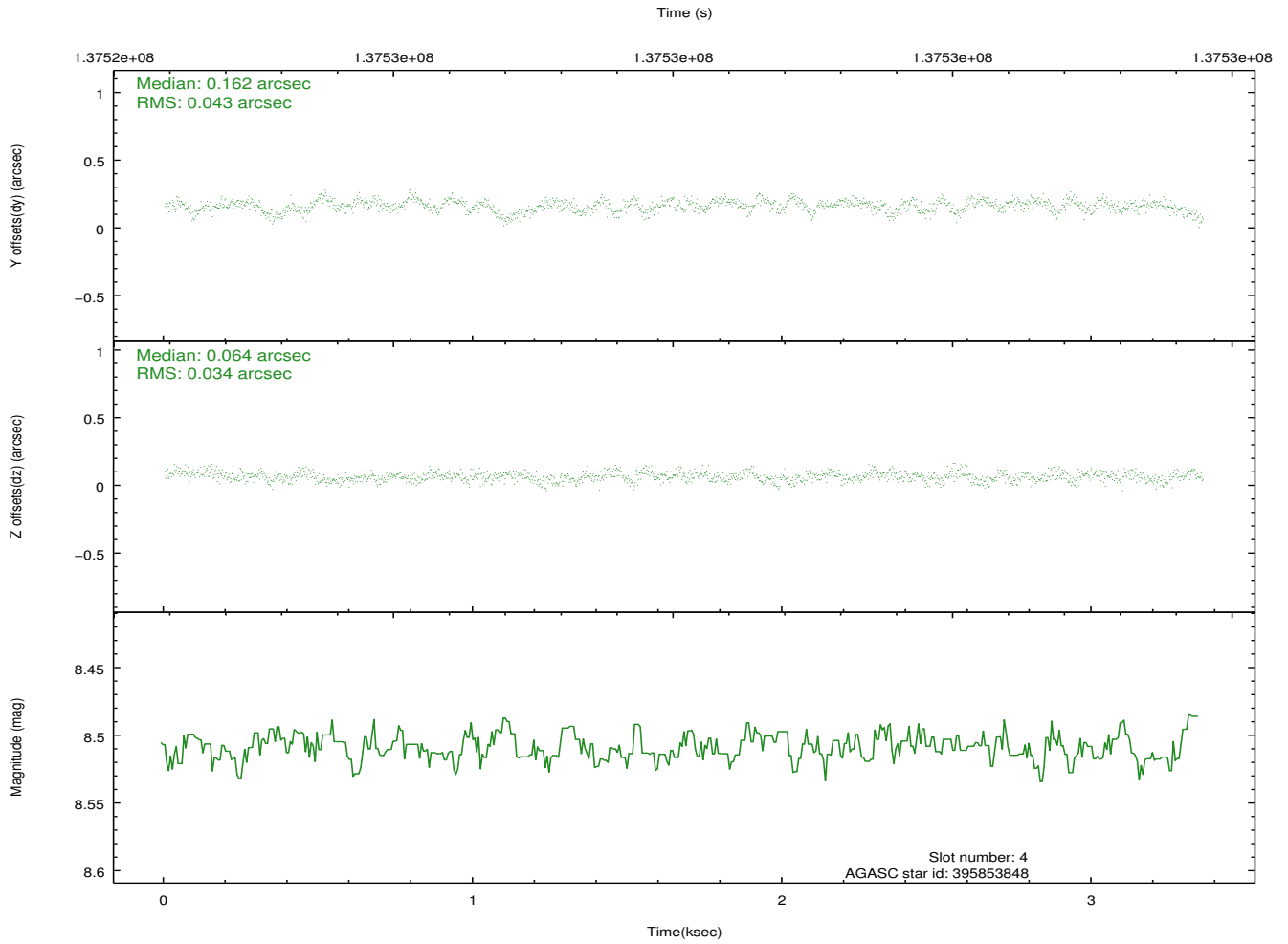
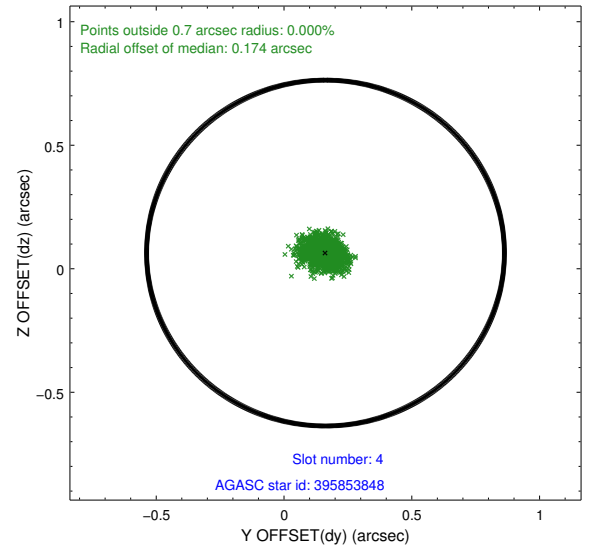
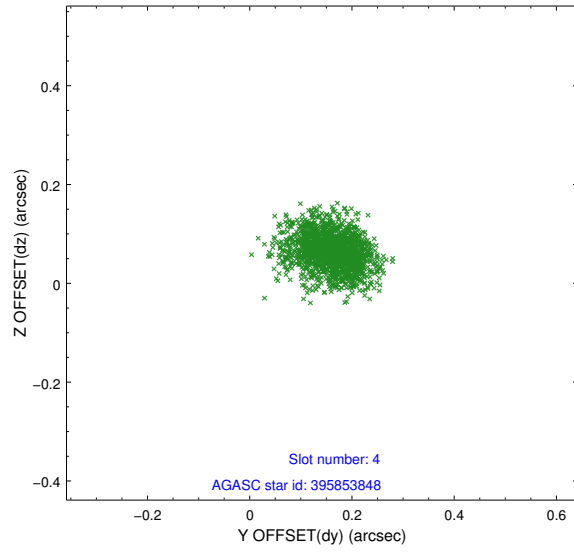
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	819	-0.017	0.003	0.008	0.011	0.000000	0.000000	-755.59	-1728.27
1	FID	ACIS-S-4	7.20	819	-0.024	0.007	0.006	0.010	0.000000	0.000000	2156.82	178.28
2	FID	ACIS-S-5	7.24	819	0.009	-0.001	0.006	0.011	0.000000	0.000000	-1805.98	174.07
3	GUIDE	452985792	7.41	1638	-0.014	0.035	0.062	0.098	189.636500	45.217095	196.79	1943.97
4	GUIDE	395853848	8.51	1637	0.162	0.064	0.058	0.097	189.124914	44.899525	1927.19	2019.35
5	GUIDE	453000656	9.00	1637	-0.116	0.003	0.079	0.132	190.066448	45.622198	-1560.77	1480.97
6	GUIDE	452998520	9.58	1637	-0.050	-0.006	0.092	0.145	188.919724	46.220079	-672.07	-1995.87
7	GUIDE	452996792	9.62	1637	0.016	-0.094	0.089	0.146	189.087765	46.142605	-820.32	-1517.40

2.4 Star Slots

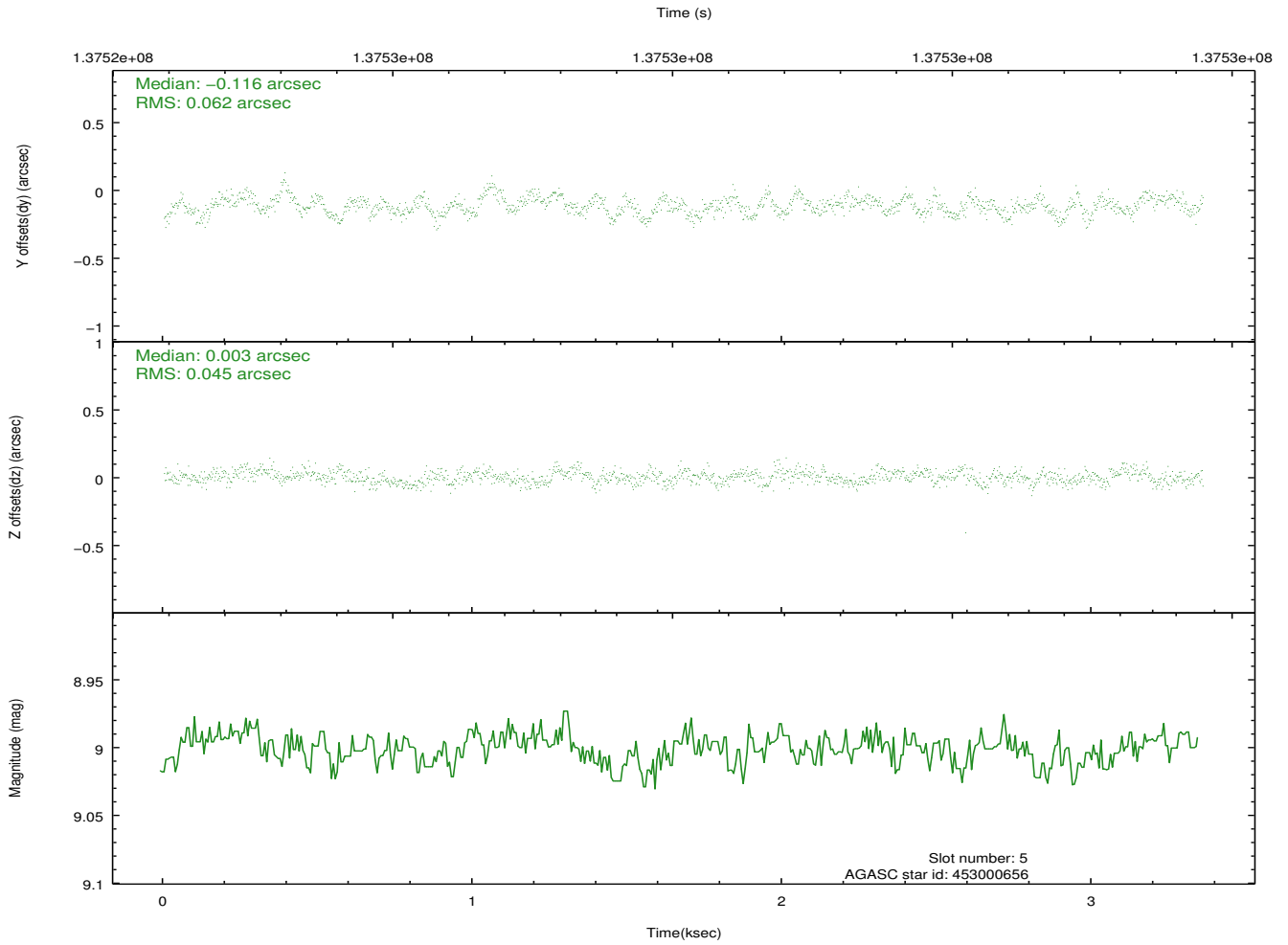
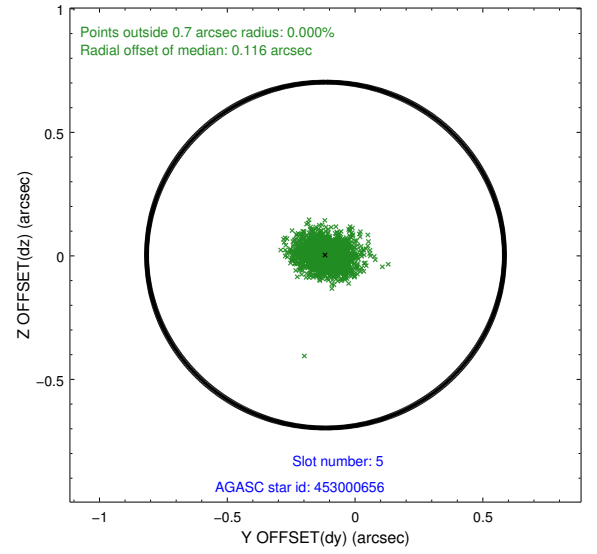
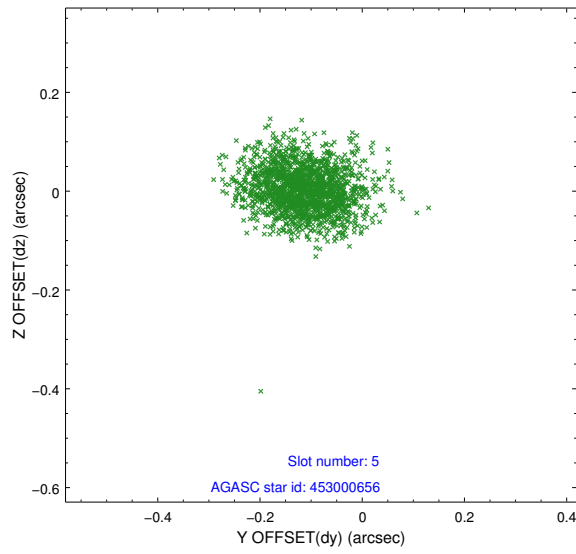
2.4.1 Slot 3



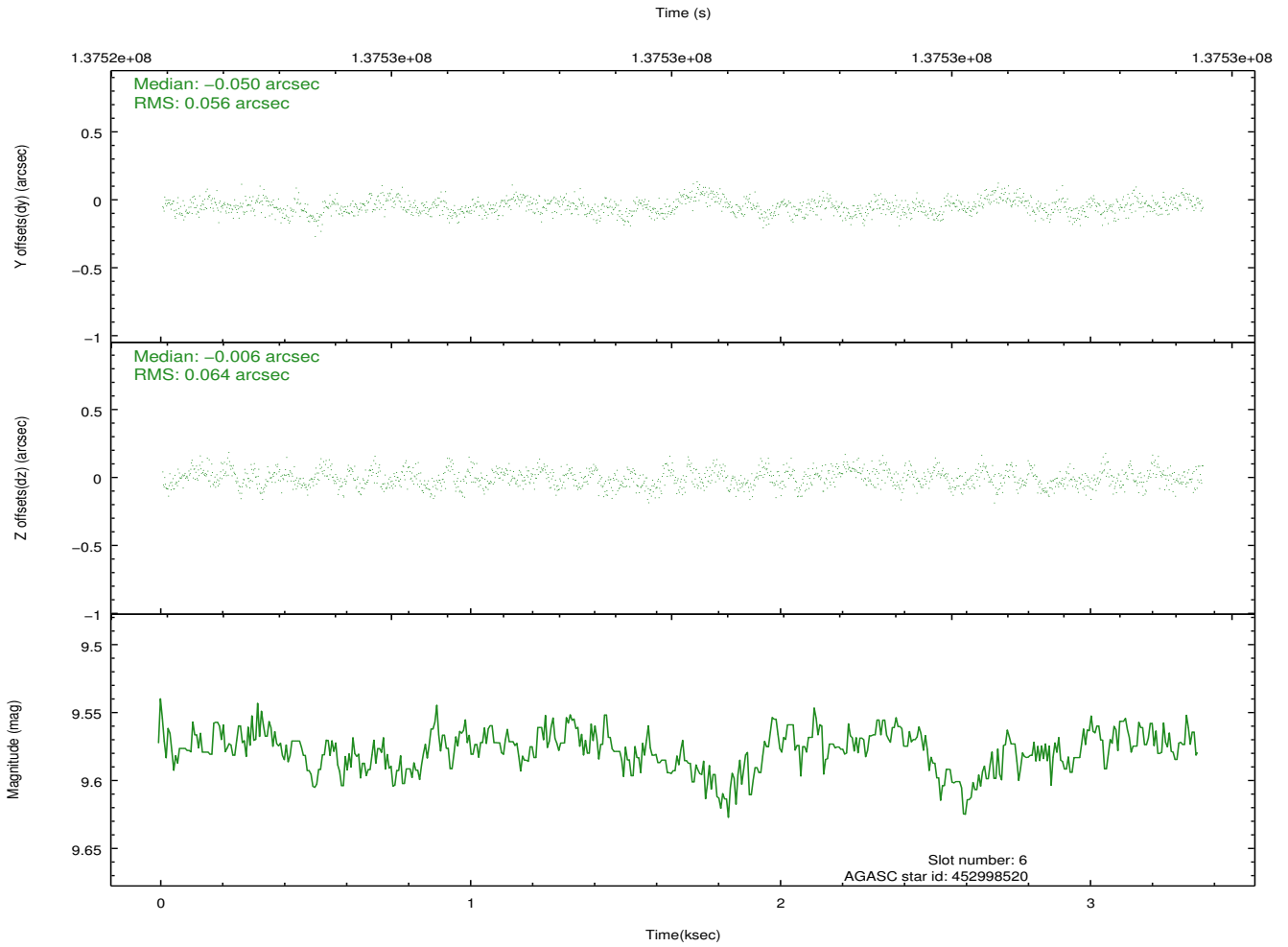
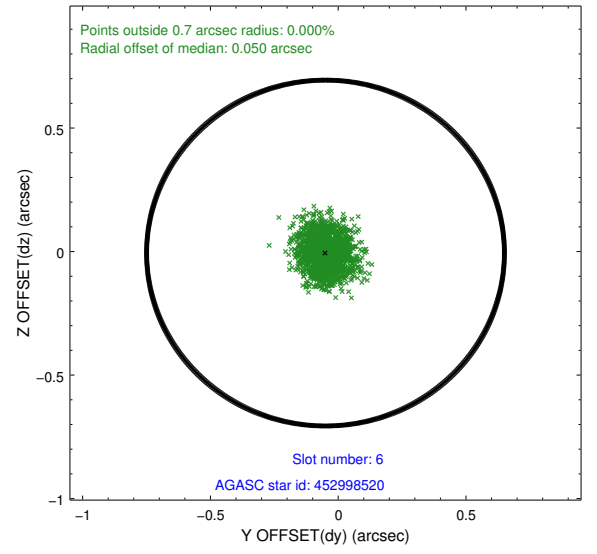
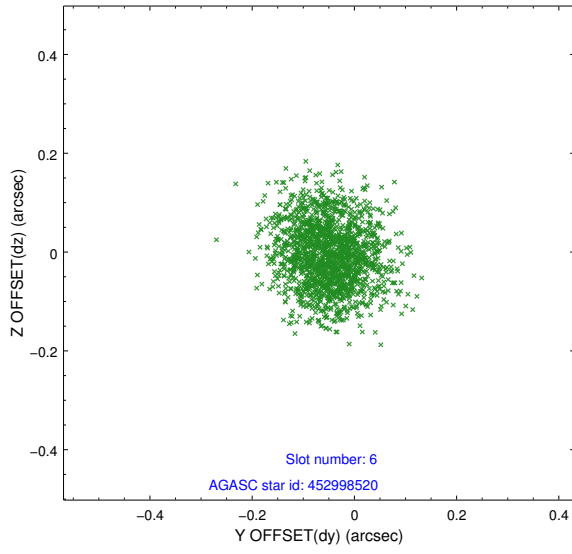
2.4.2 Slot 4



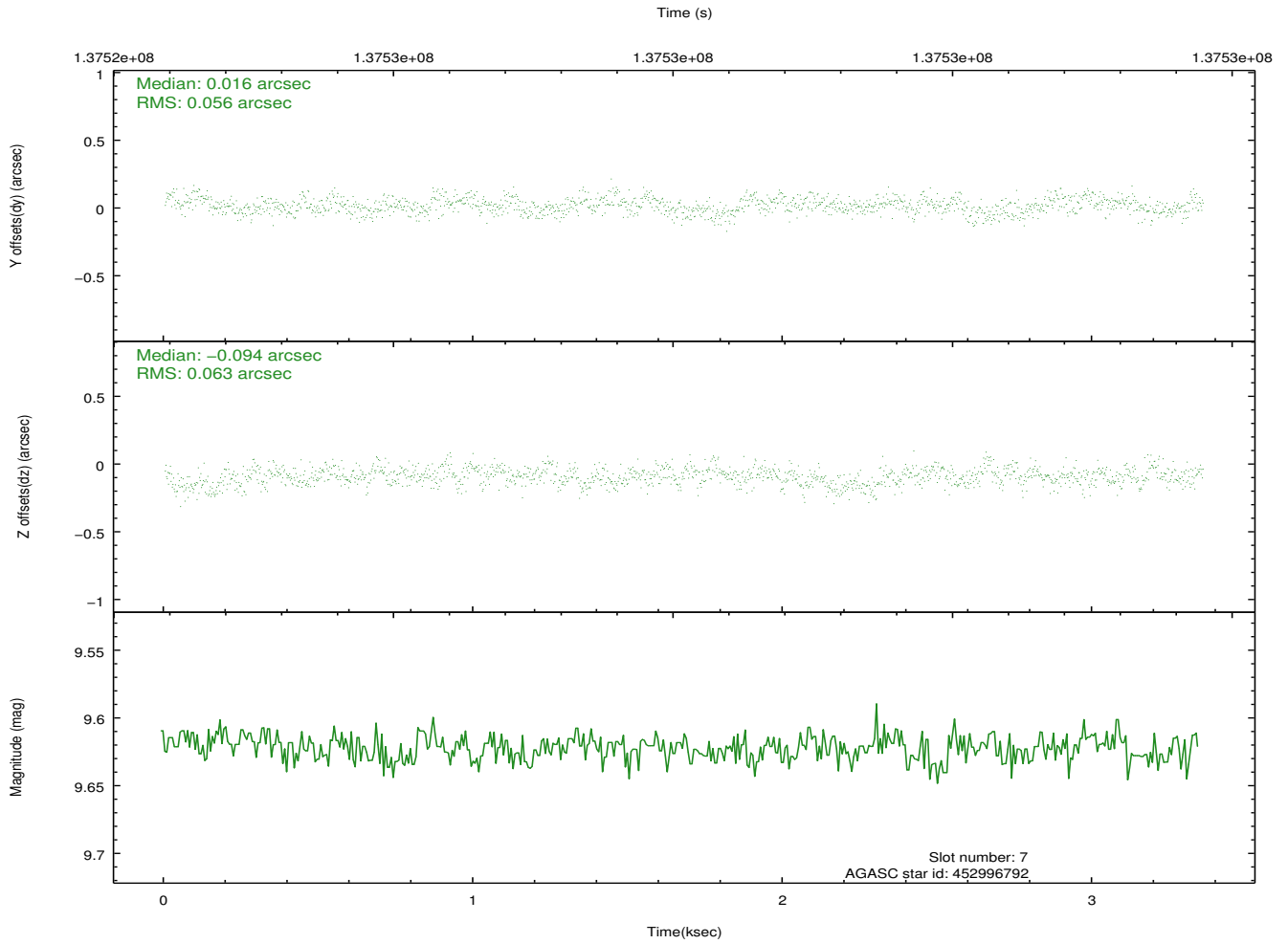
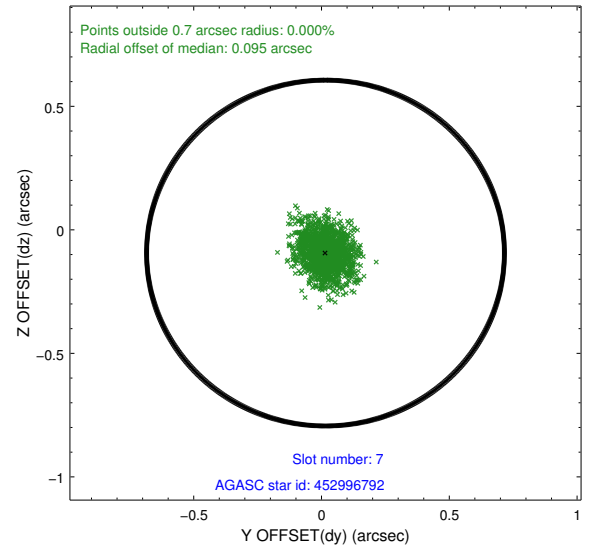
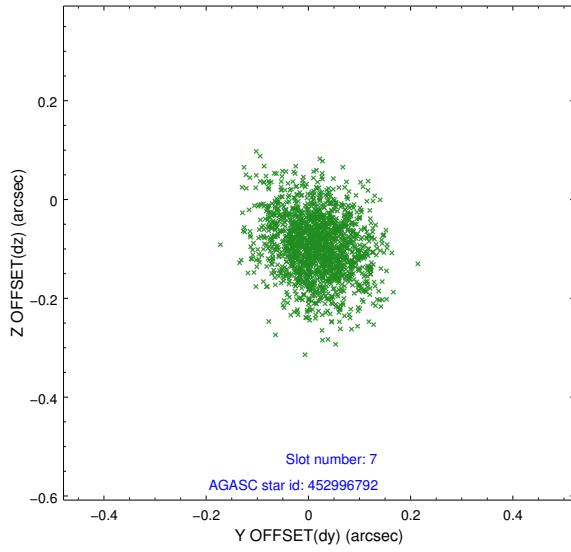
2.4.3 Slot 5



2.4.4 Slot 6

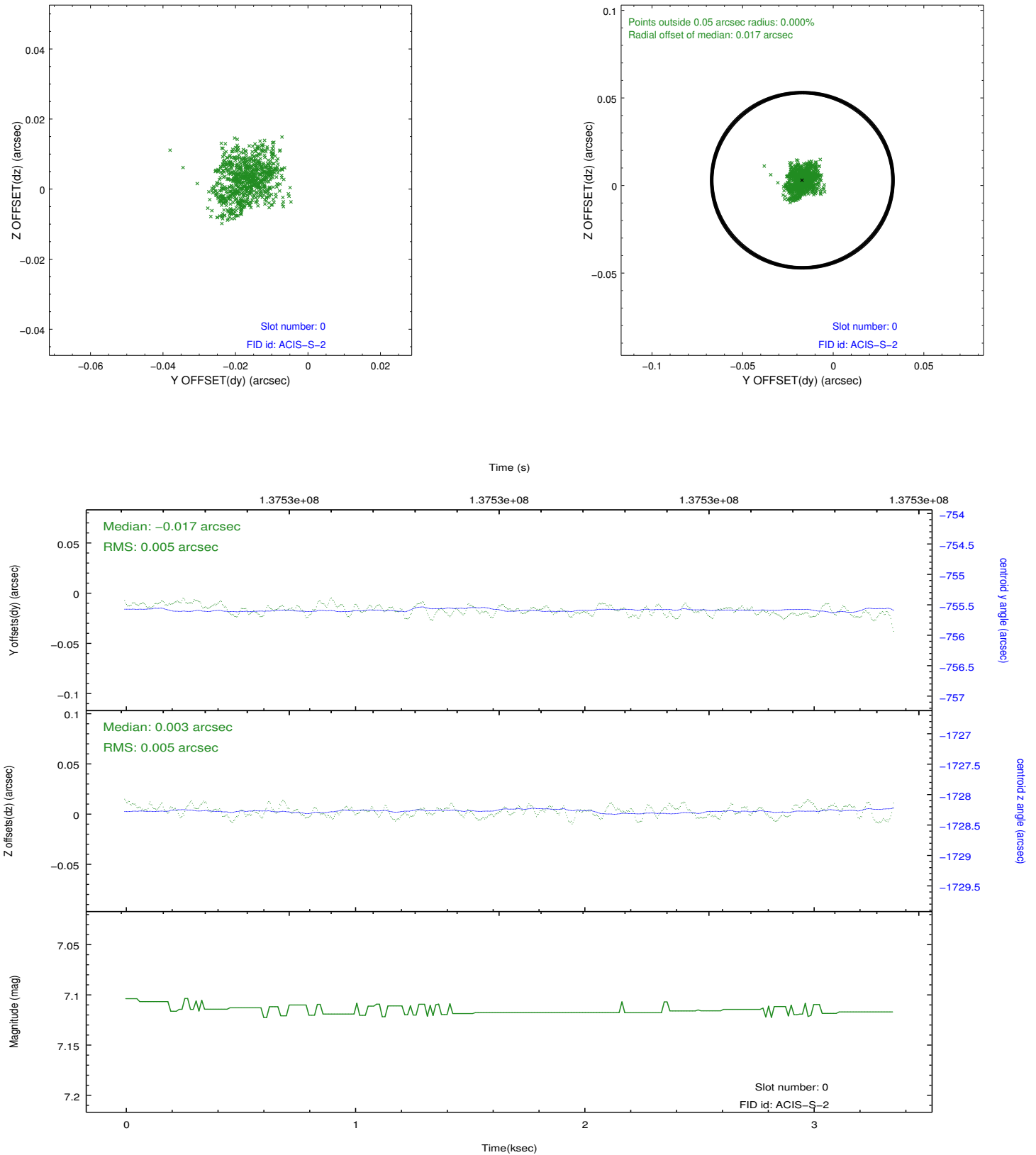


2.4.5 Slot 7

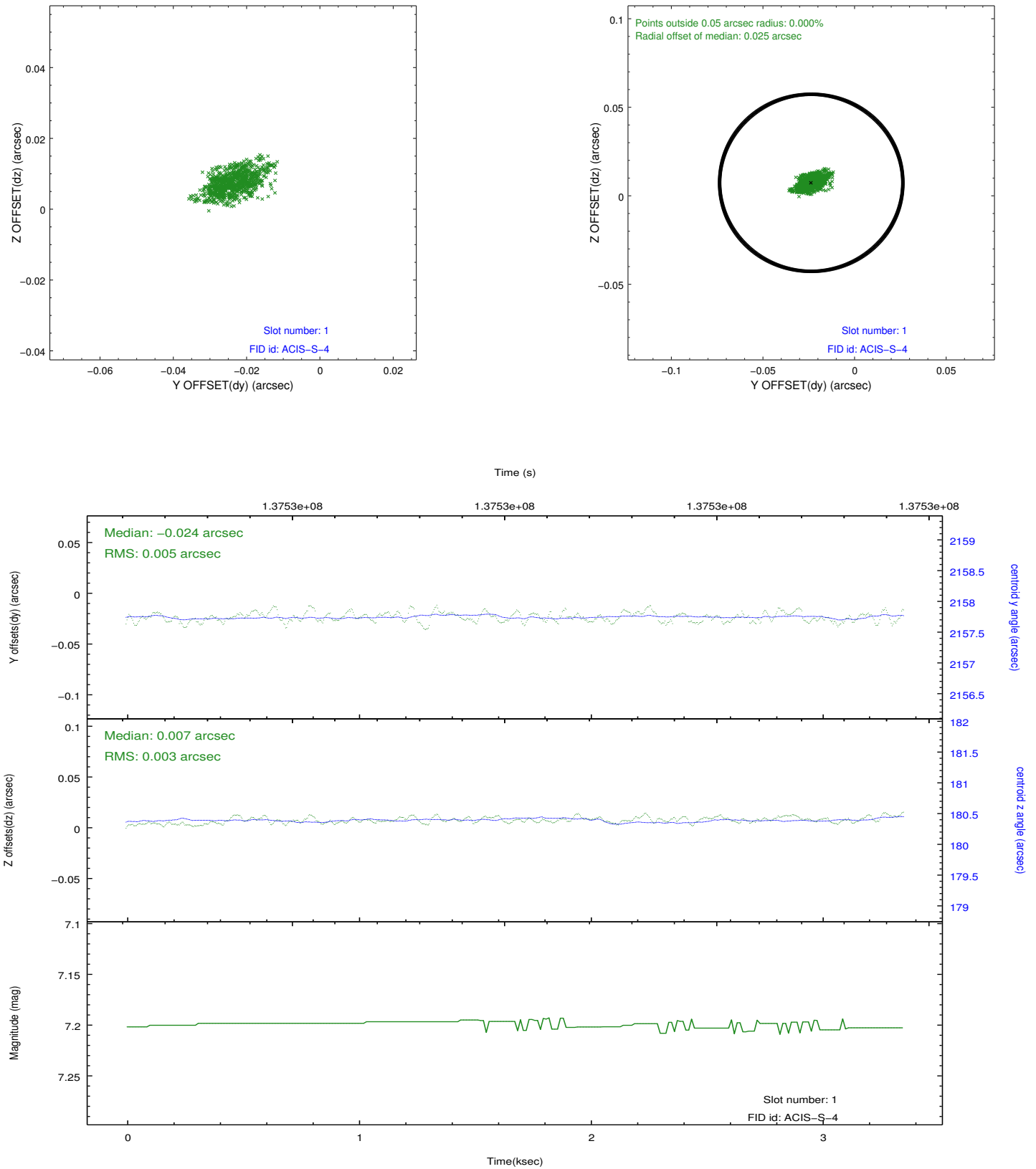


2.5 FID Slots

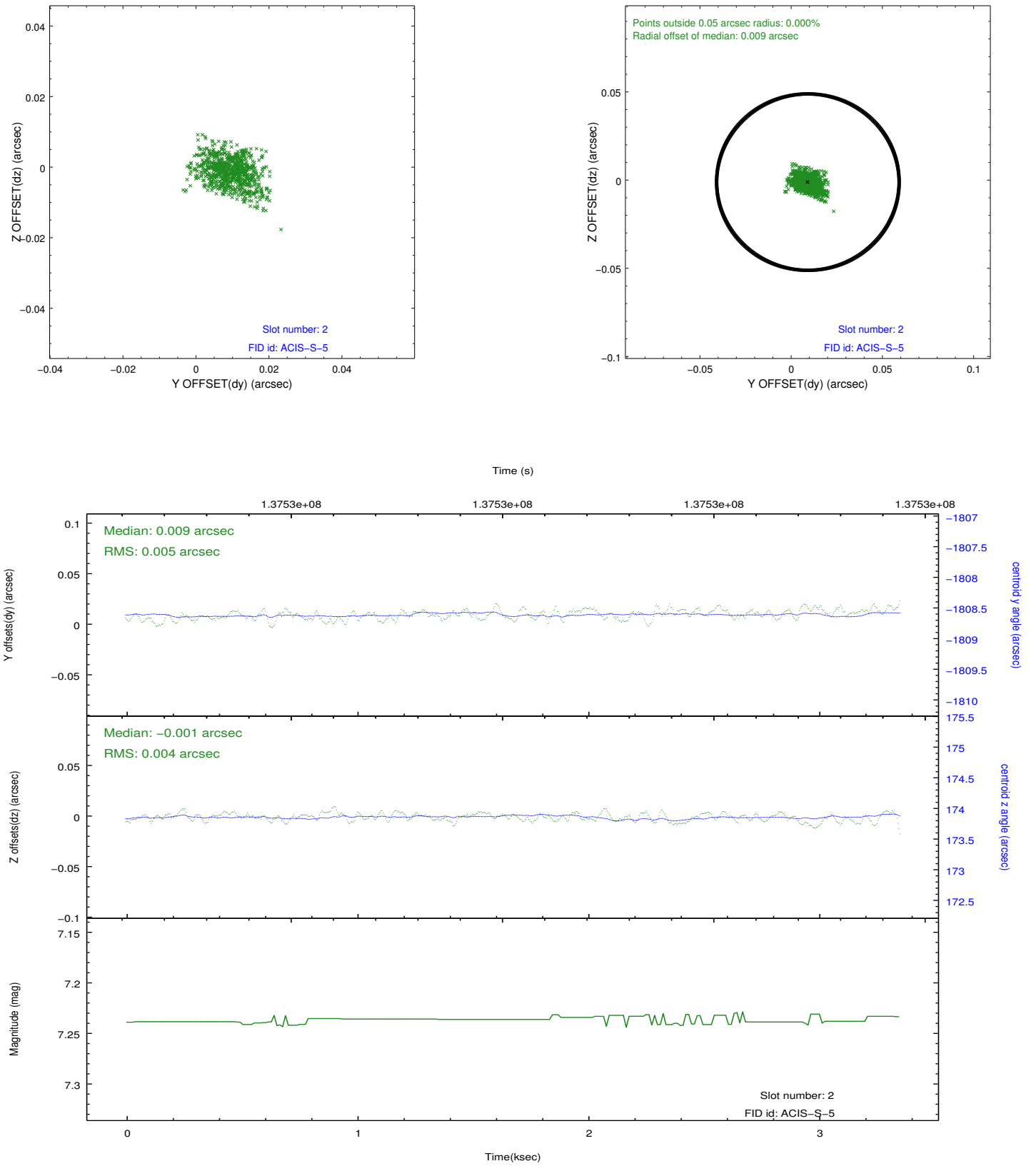
2.5.1 Slot 0



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)	2012.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.605

A.2 Comments