

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2996 - L2 Version 3
Chandra X-Ray Center

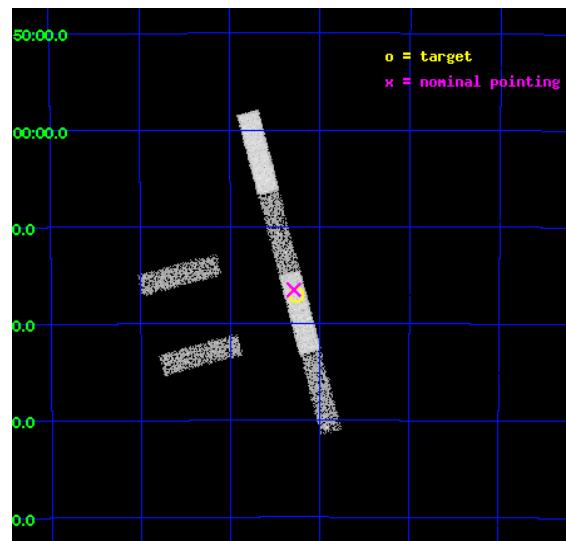
L2 Processing Date : Oct 11 2012

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1 Front

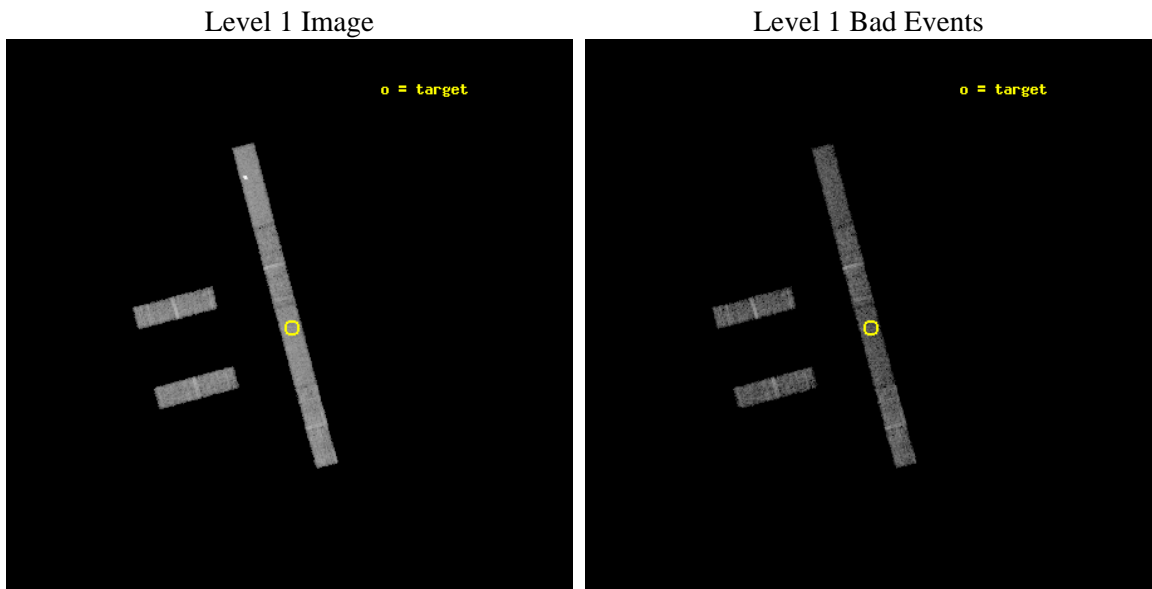
seq_num	700435	Sequence number
obs_id	2996	Observation id
title	CHANDRA SNAPSHOT OBSERVATIONS OF SOFT X-RAY TRANSIENT AGN	Proposal
observer	Dr Rick Edelson	Principal investigator
object	WPVS 007	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	9.815833	Observer's specified target RA [deg]
dec_targ	-51.284167	Observer's specified target Dec [deg]
ra_nom	9.8223736803005	Nominal RA [deg]
dec_nom	-51.275382028534	Nominal Dec [deg]
roll_nom	75.120618025191	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9646.9999476969	Sum of GTIs [s]
livetime	9300.0244885951	Livetime [s]
ontime2	9646.9999476969	Sum of GTIs [s]
ontime3	9646.9999476969	Sum of GTIs [s]
ontime5	9646.9999476969	Sum of GTIs [s]
ontime6	9646.9999476969	Sum of GTIs [s]
ontime7	9646.9999476969	Sum of GTIs [s]
ontime8	9646.9999476969	Sum of GTIs [s]
l2events	23148	Number of level 2 events



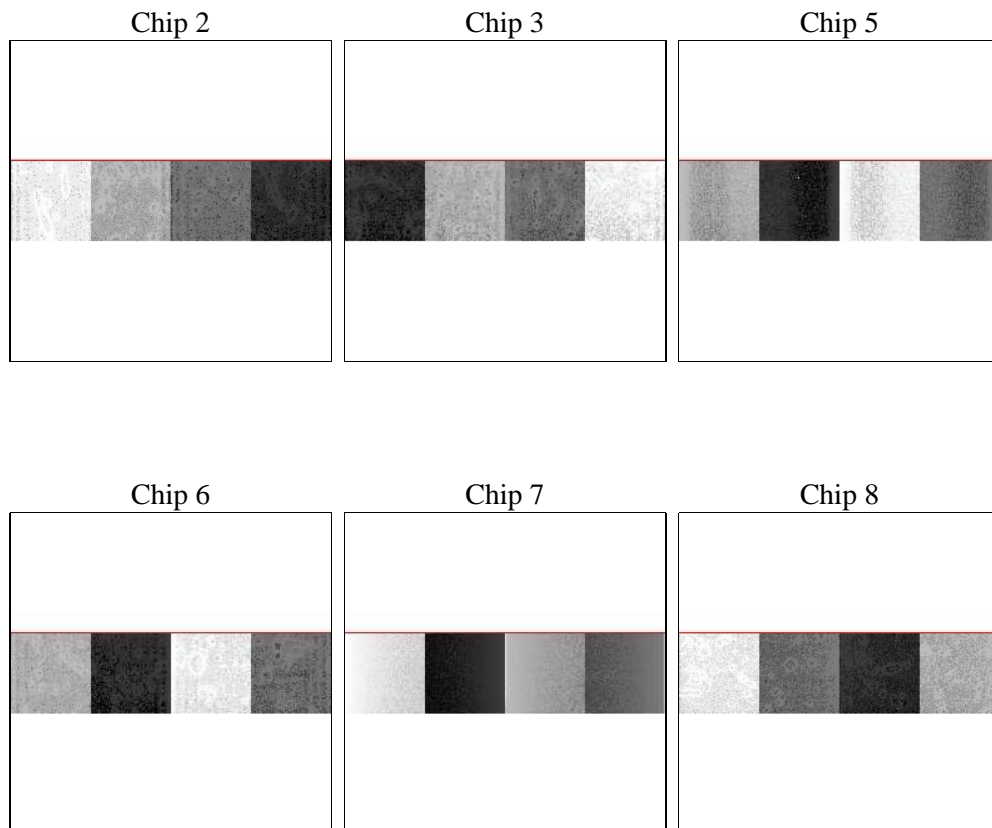
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	9646.9999476969	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	9646.9999476969	Sum of GTIs [s]
date	2012-10-11T21:15:39	Date and time of file creation	ontime3	9646.9999476969	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	9646.9999476969	Sum of GTIs [s]
			ontime6	9646.9999476969	Sum of GTIs [s]
			ontime7	9646.9999476969	Sum of GTIs [s]
			ontime8	9646.9999476969	Sum of GTIs [s]
			l1events	119689	Number of level 1 events

2.1.4 Events

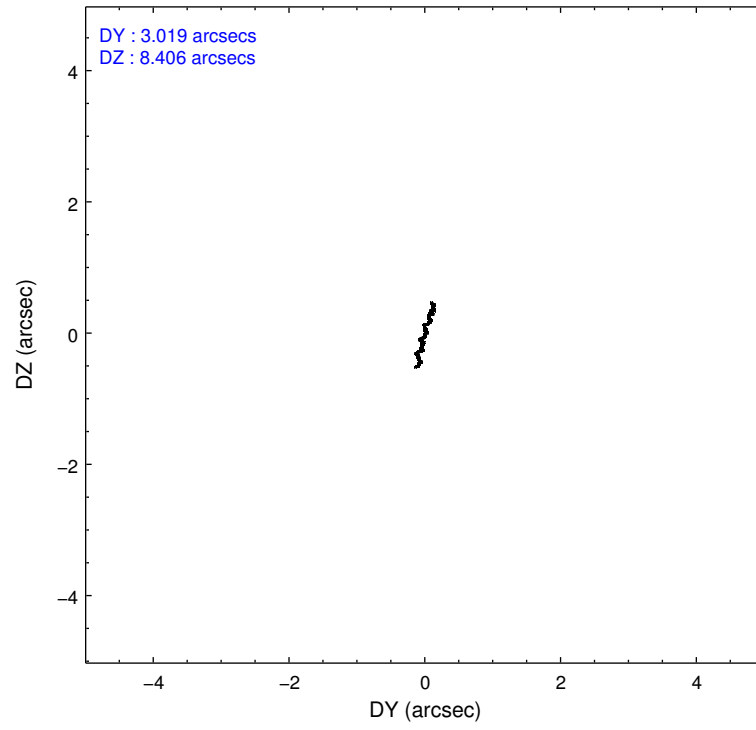
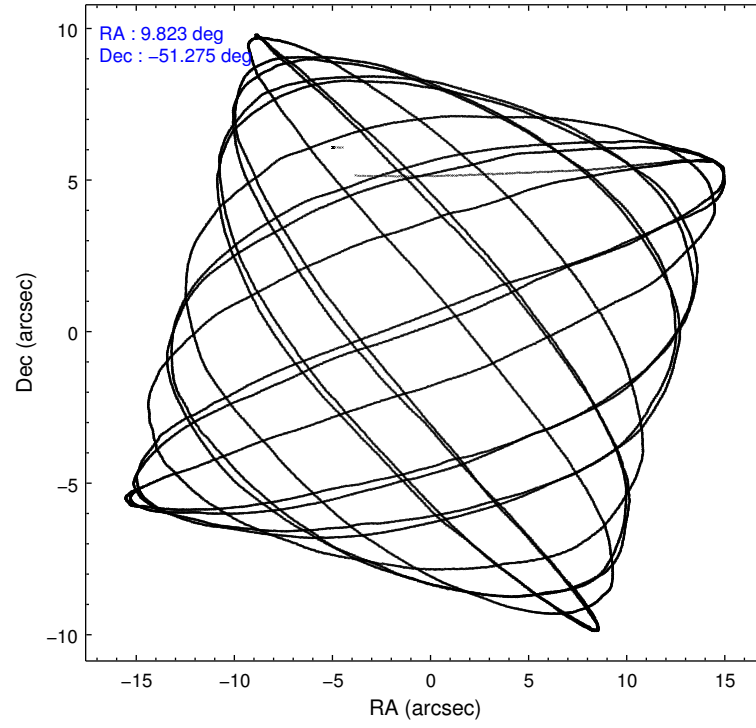
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	17773	16269	27434	17127	19659	21427
rejected events	15935	14461	12327	15218	11571	17547
rejected %	89%	88%	44%	88%	58%	81%

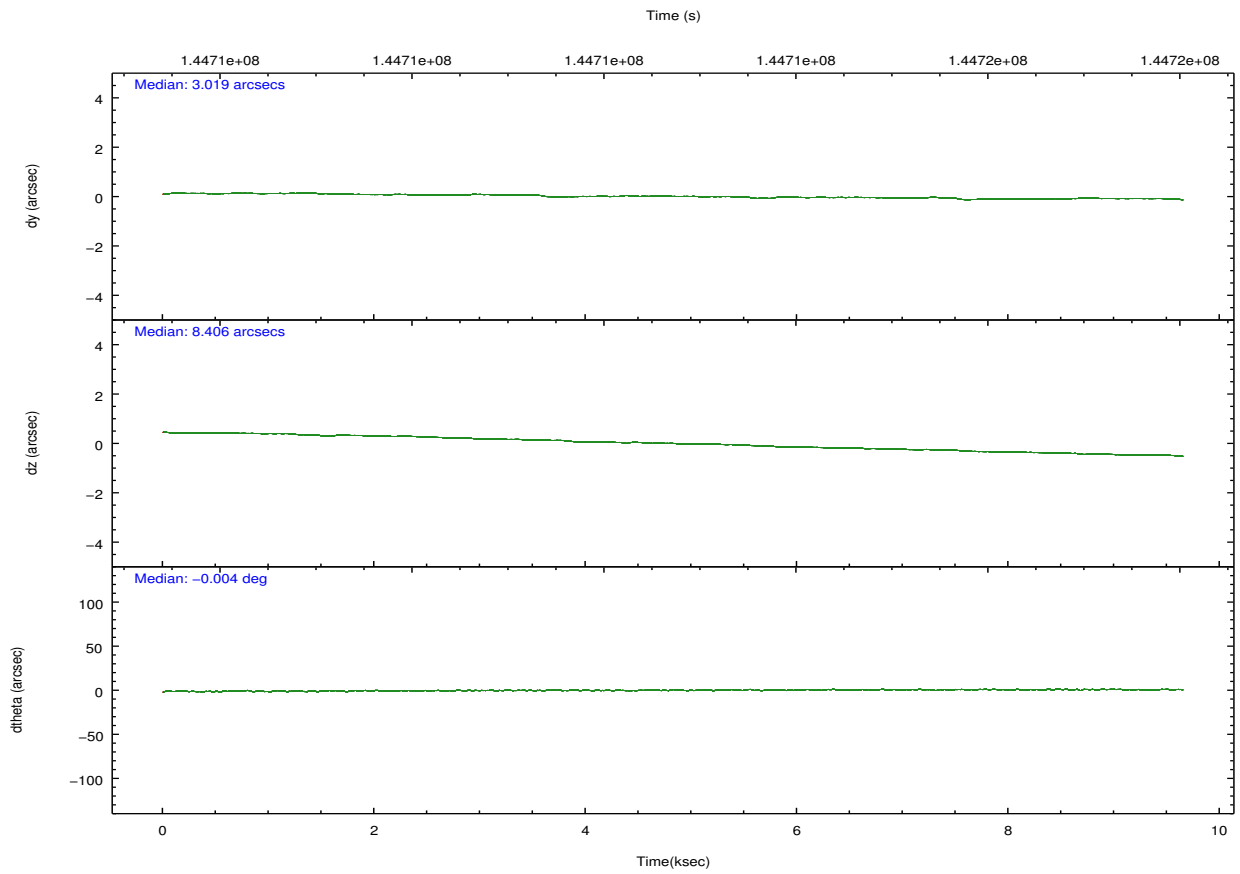
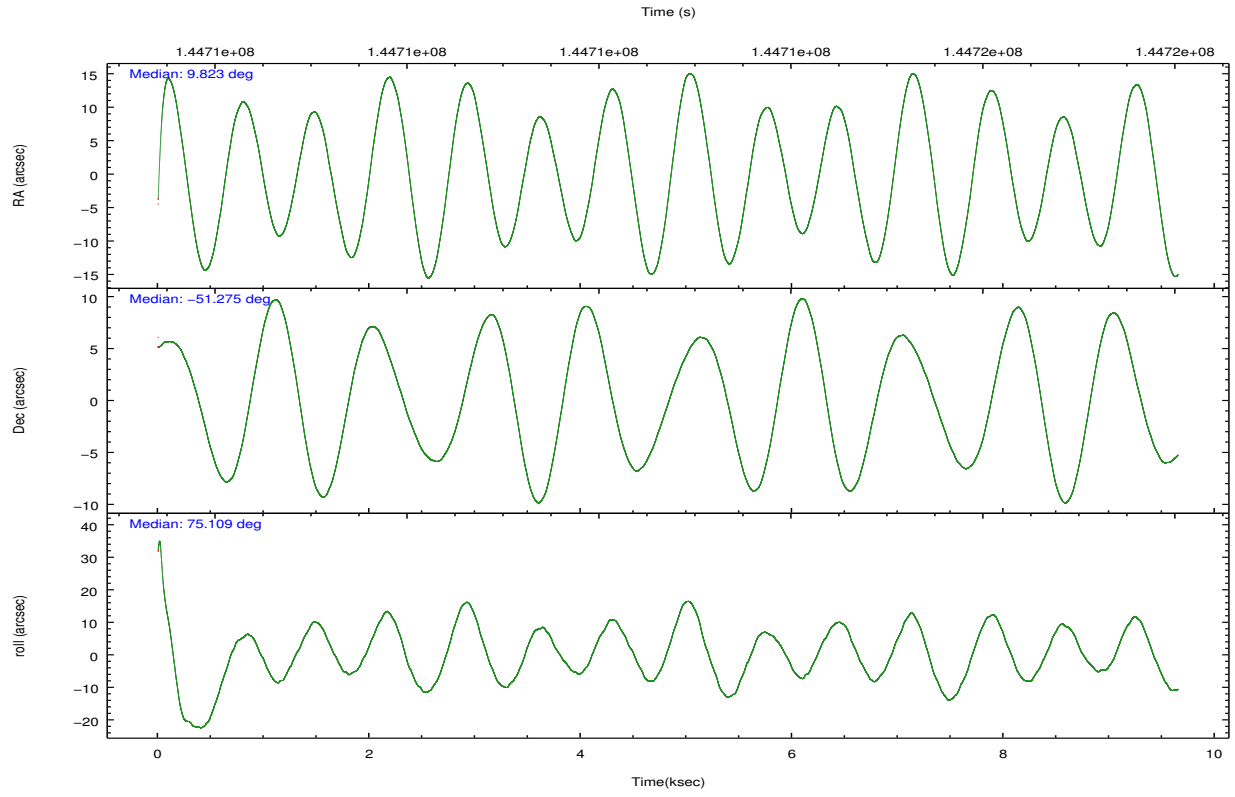
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	779	782	7050	781	937	1228
	4%	4%	25%	4%	4%	5%
grade 1 events	2	4	29	7	9	11
	0%	0%	0%	0%	0%	0%
grade 2 events	375	316	2852	361	1644	798
	2%	1%	10%	2%	8%	3%
grade 3 events	256	270	615	280	877	488
	1%	1%	2%	1%	4%	2%
grade 4 events	255	262	609	265	865	437
	1%	1%	2%	1%	4%	2%
grade 5 events	589	571	1762	633	1860	794
	3%	3%	6%	3%	9%	3%
grade 6 events	300	289	4906	342	4249	1144
	1%	1%	17%	1%	21%	5%
grade 7 events	15217	13775	9611	14458	9218	16527
	85%	84%	35%	84%	46%	77%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	9.834291	9.822373680300537	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-51.301582	-51.27538202853446	Subarray start row	385	385
[deg] Pointing Roll	74.973234	75.12061802519119	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	1.1
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	144708045.184000	144706993.50056			
Observation start date	2002-08-02T20:39:41	2002-08-02T20:23:13			
[s] Observation end time (MET)	144717545.184000	144718173.68852			
Observation end date	2002-08-02T23:18:01	2002-08-02T23:29:33			
Read mode	TIMED	TIMED			

2.3 Aspect



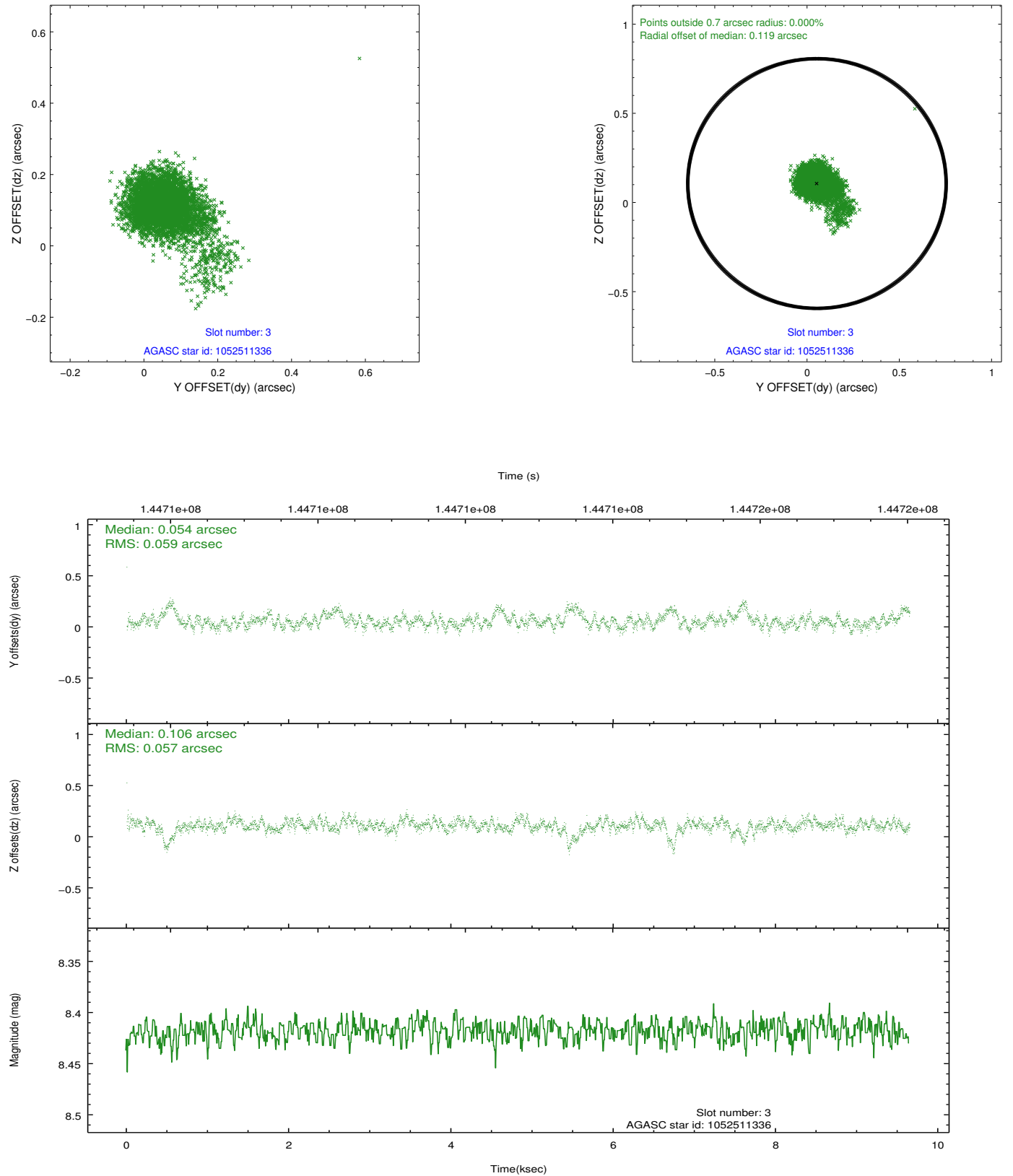


Slot Statistics

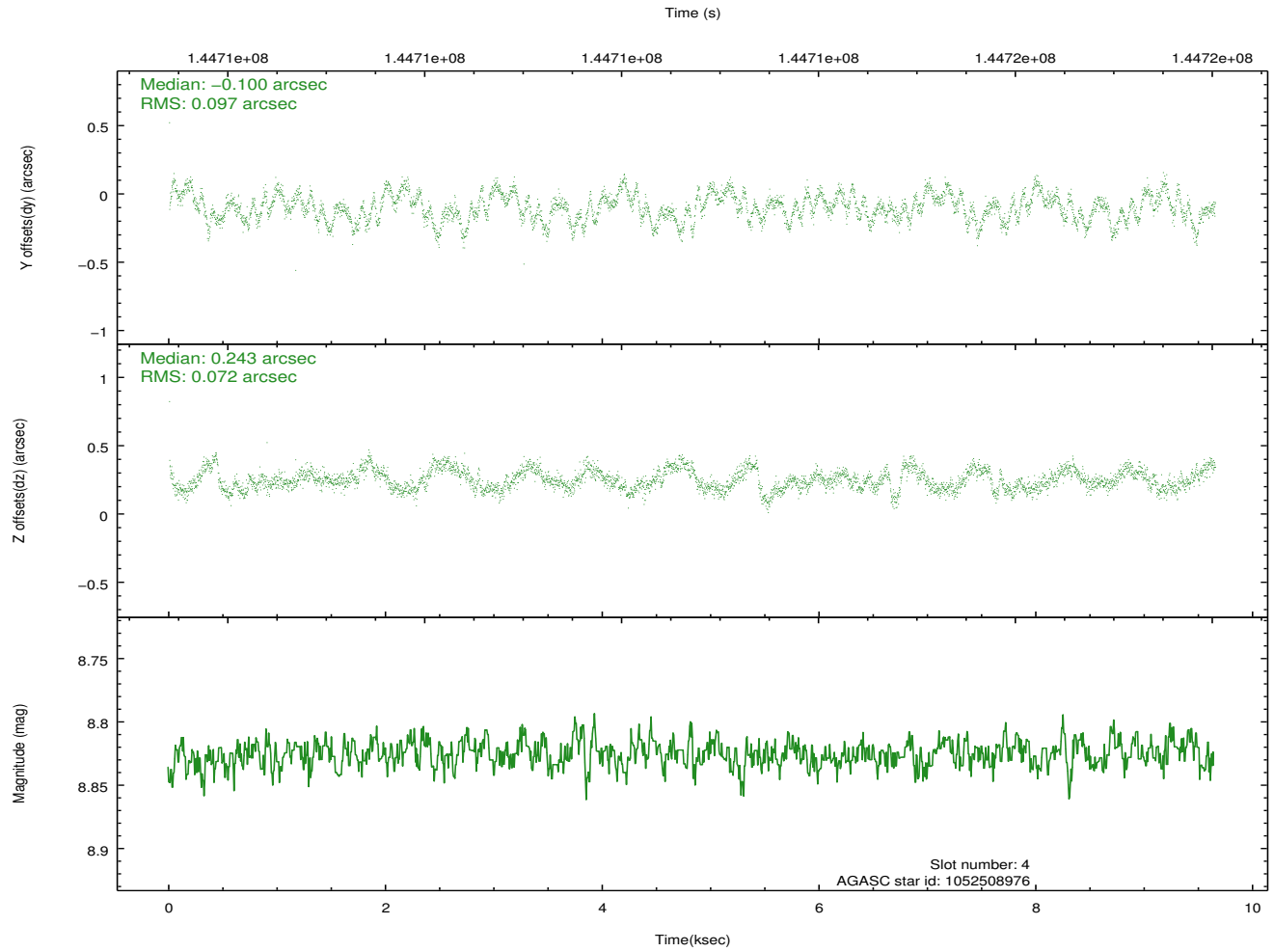
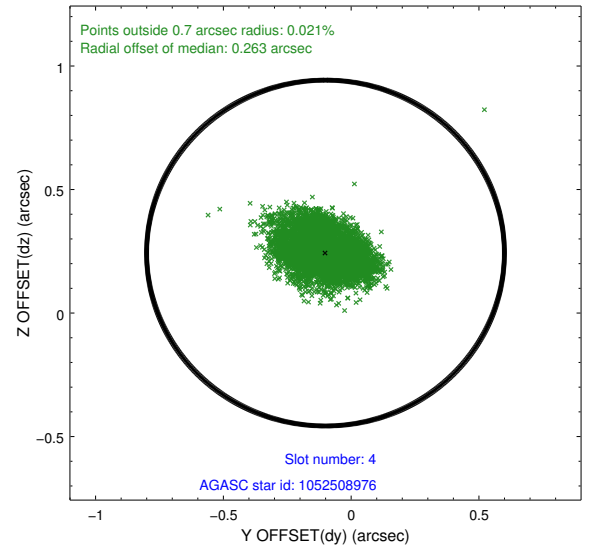
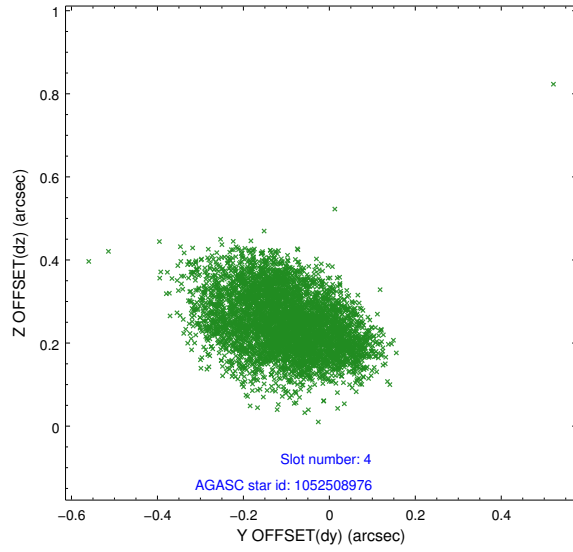
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2354	-0.008	-0.003	0.008	0.012	0.000000	0.000000	-755.69	-1729.60
1	FID	ACIS-S-4	7.20	2354	-0.015	0.005	0.010	0.017	0.000000	0.000000	2157.34	178.31
2	FID	ACIS-S-5	7.24	2354	-0.008	0.007	0.007	0.013	0.000000	0.000000	-1807.80	172.63
3	GUIDE	1052511336	8.42	4708	0.054	0.106	0.078	0.152	10.026754	-51.744882	-1430.20	-827.75
4	GUIDE	1052508976	8.83	4706	-0.100	0.243	0.130	0.203	10.899424	-50.976580	1739.31	-2031.77
5	GUIDE	1052508720	9.41	4707	-0.213	0.295	0.105	0.181	10.891663	-51.295828	621.42	-2297.14
6	GUIDE	1052516688	9.49	4636	0.018	0.035	0.094	0.181	9.618699	-51.057391	722.15	699.18
7	BAD	1052516392	10.35	4359	0.256	-0.727	0.148	0.242	8.930633	-51.408059	-908.80	1858.19

2.4 Star Slots

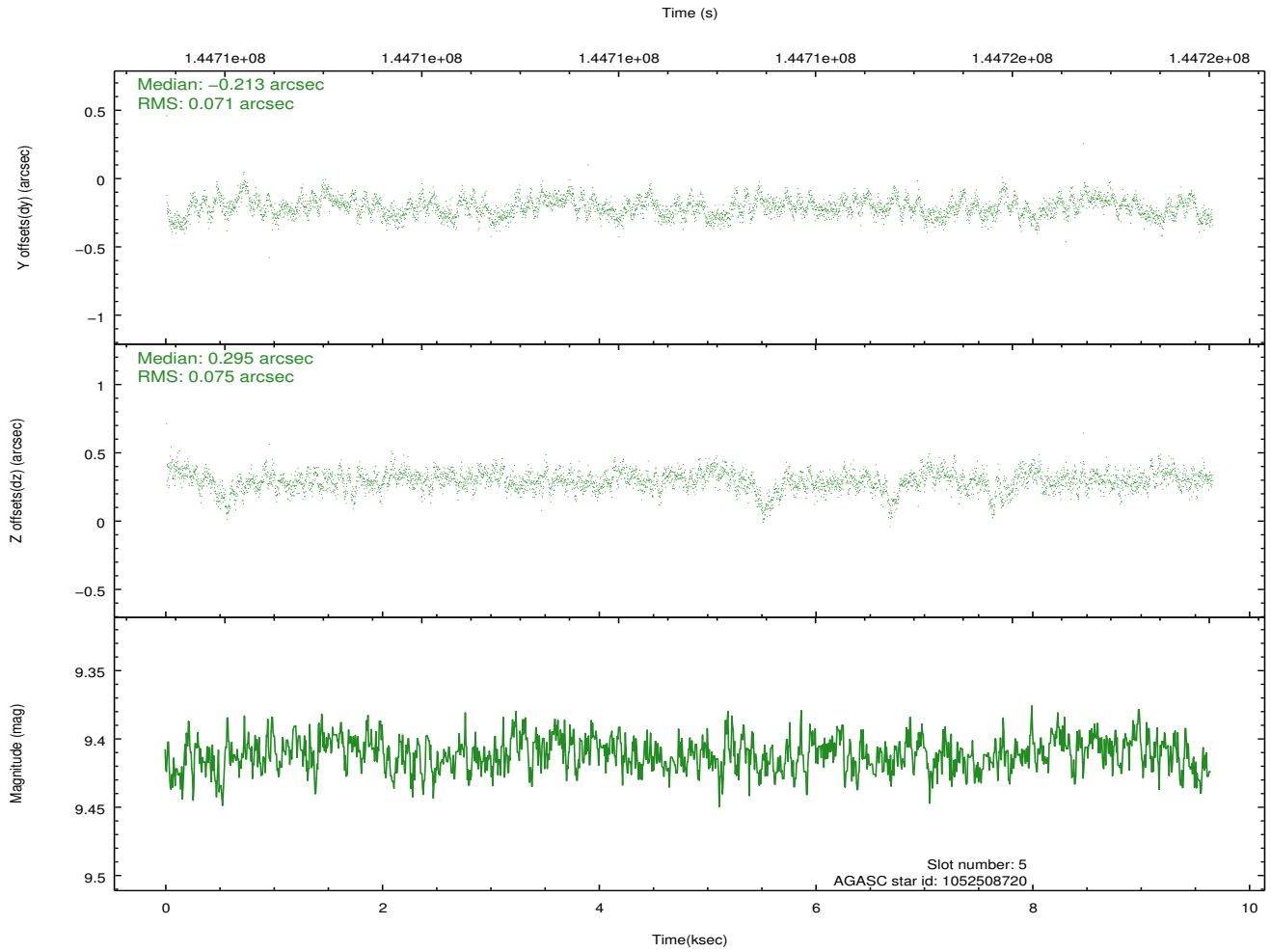
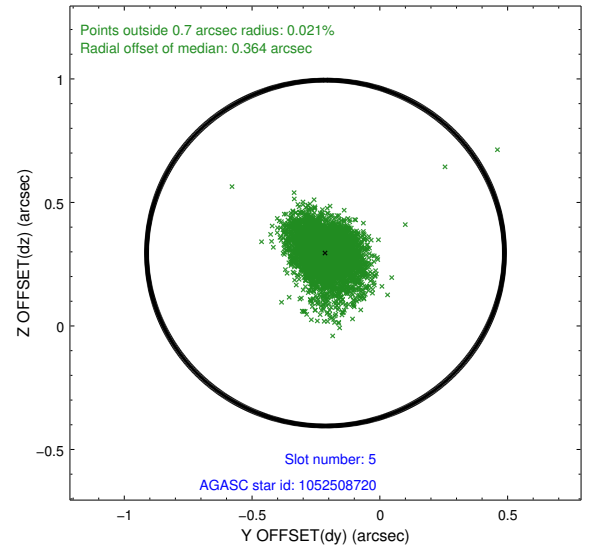
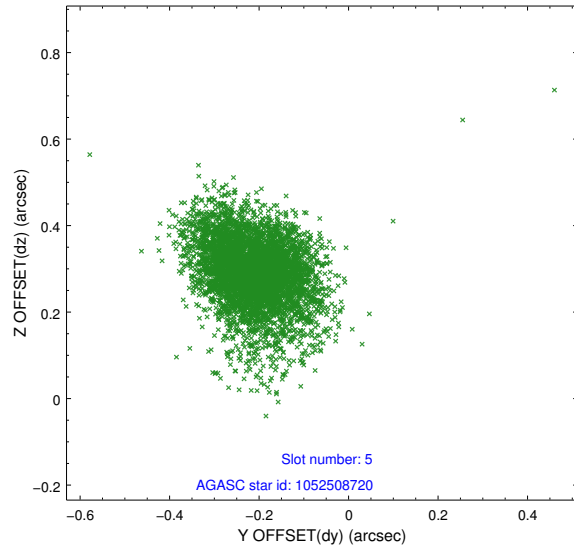
2.4.1 Slot 3



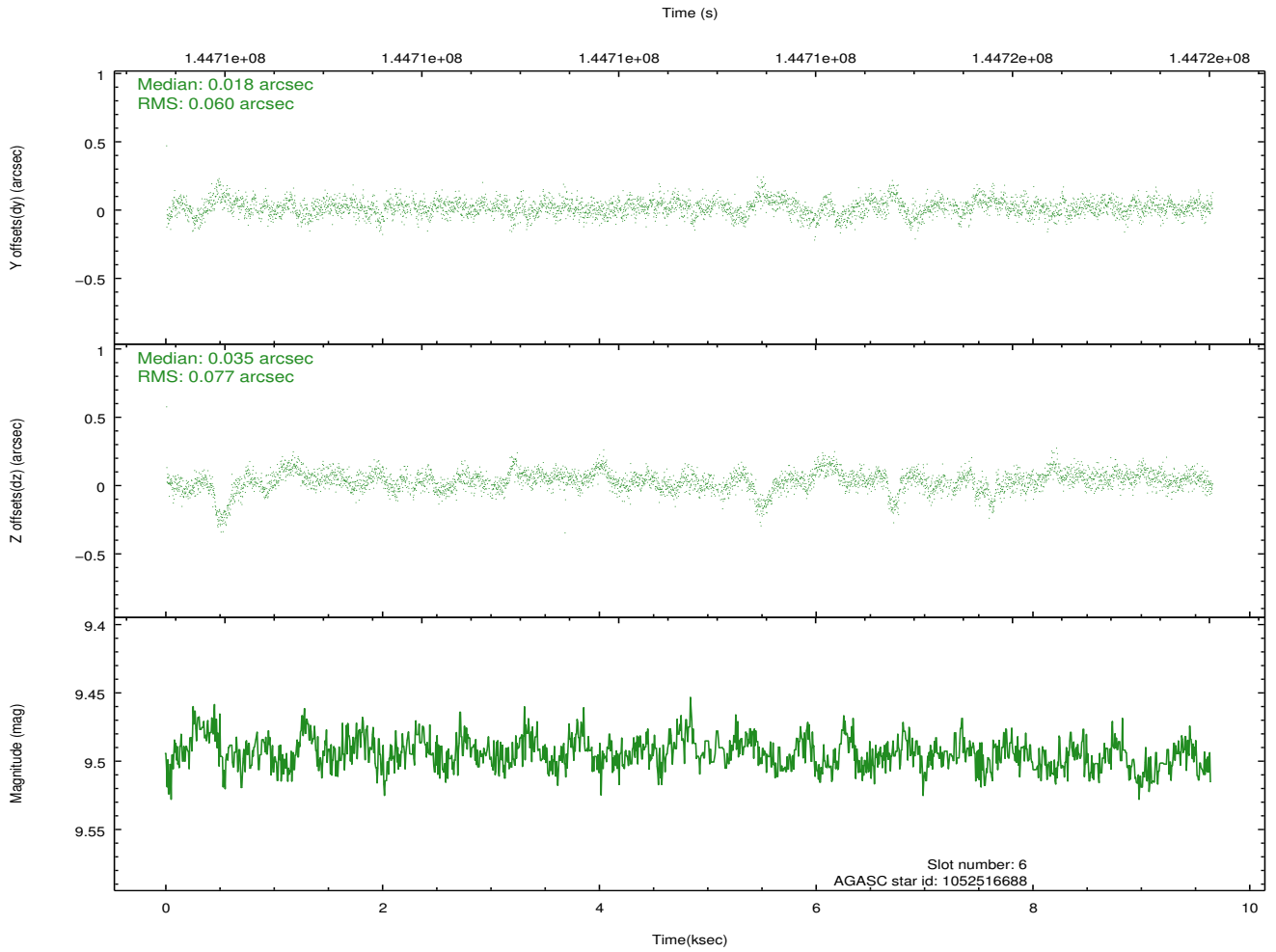
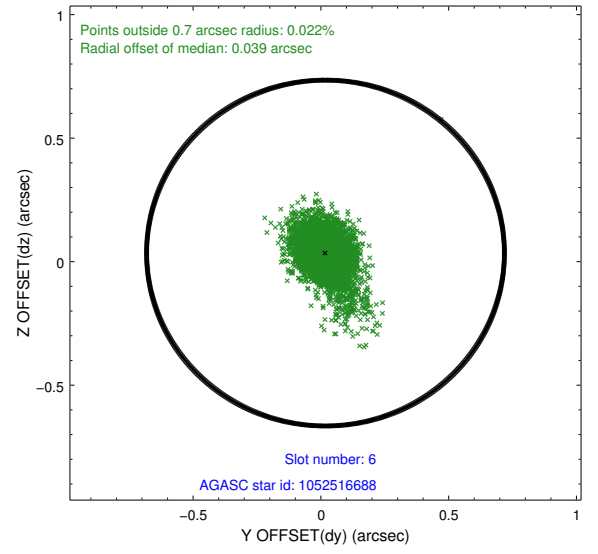
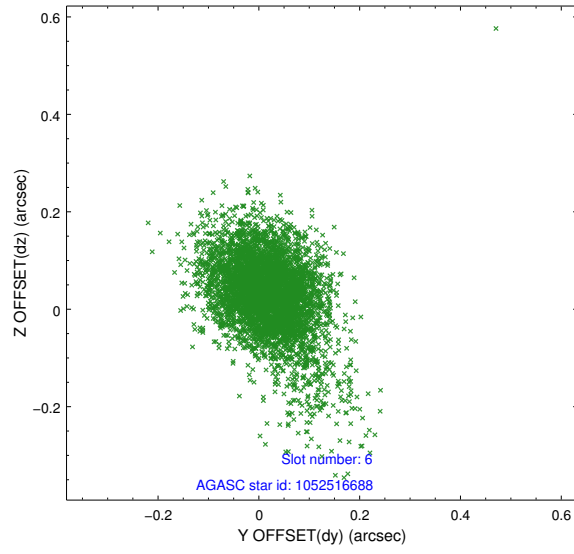
2.4.2 Slot 4



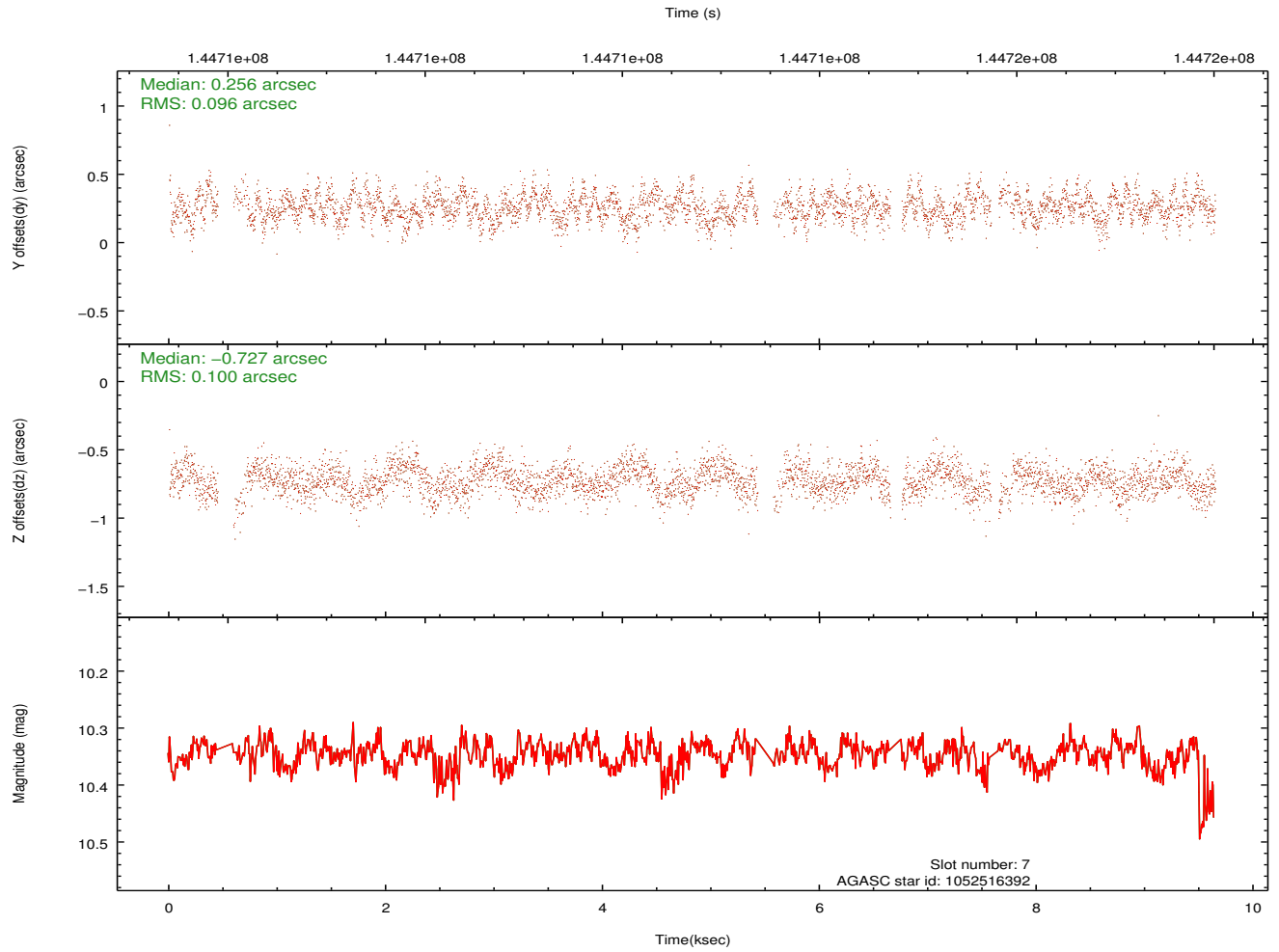
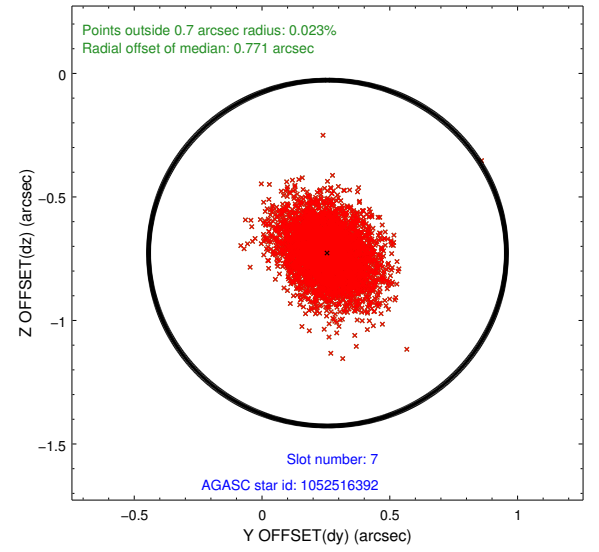
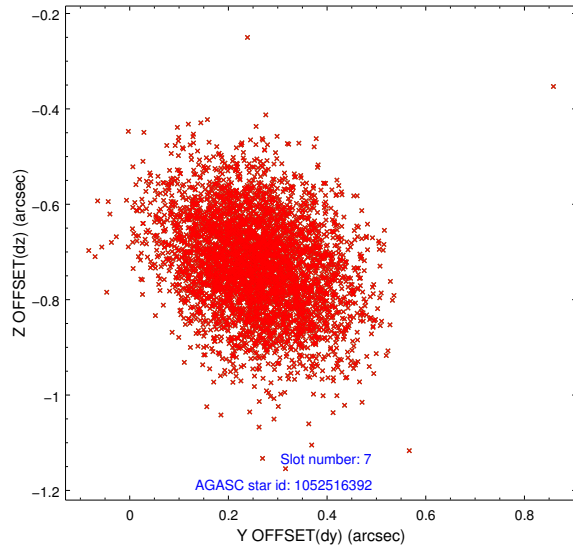
2.4.3 Slot 5



2.4.4 Slot 6

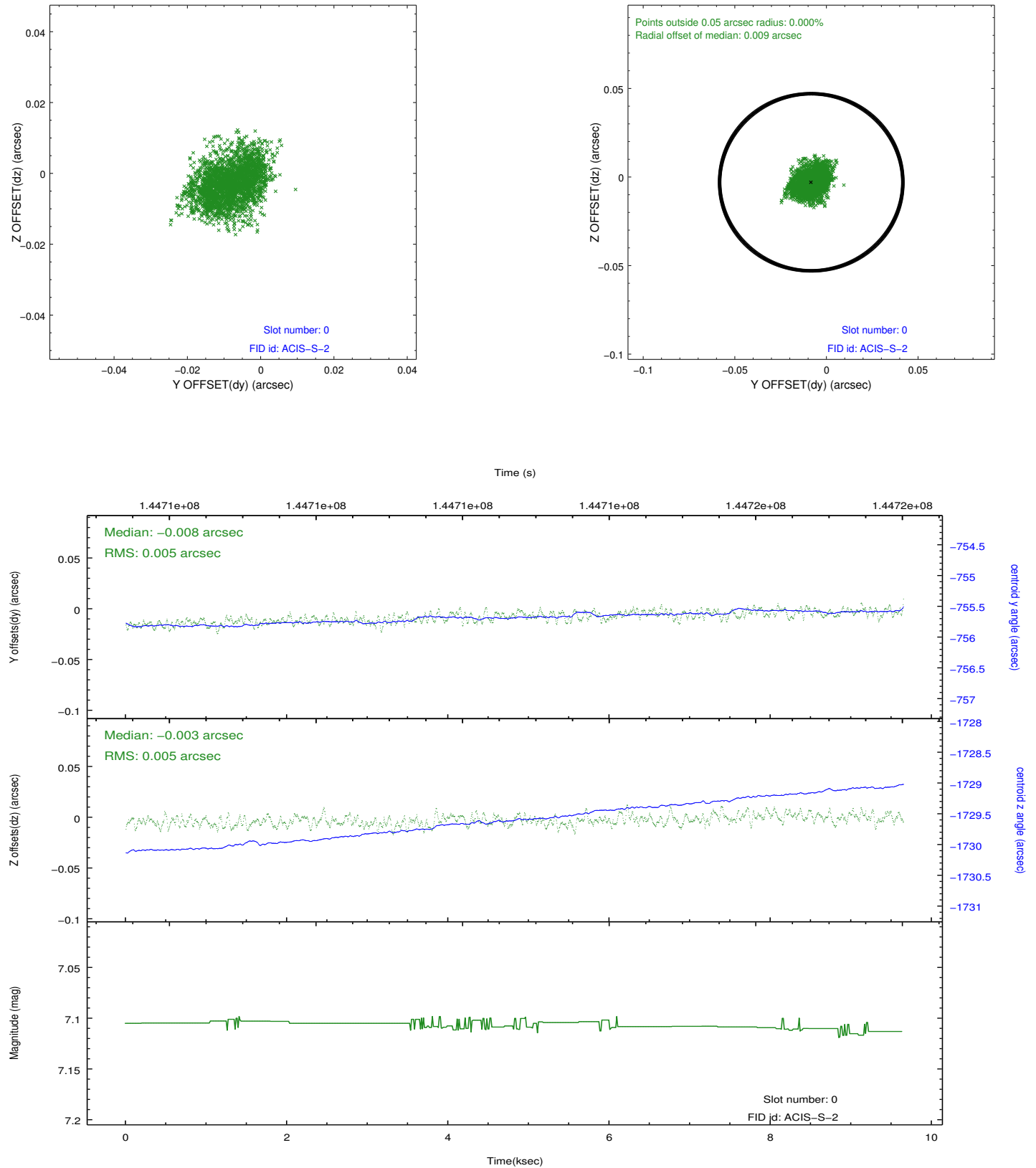


2.4.5 Slot 7

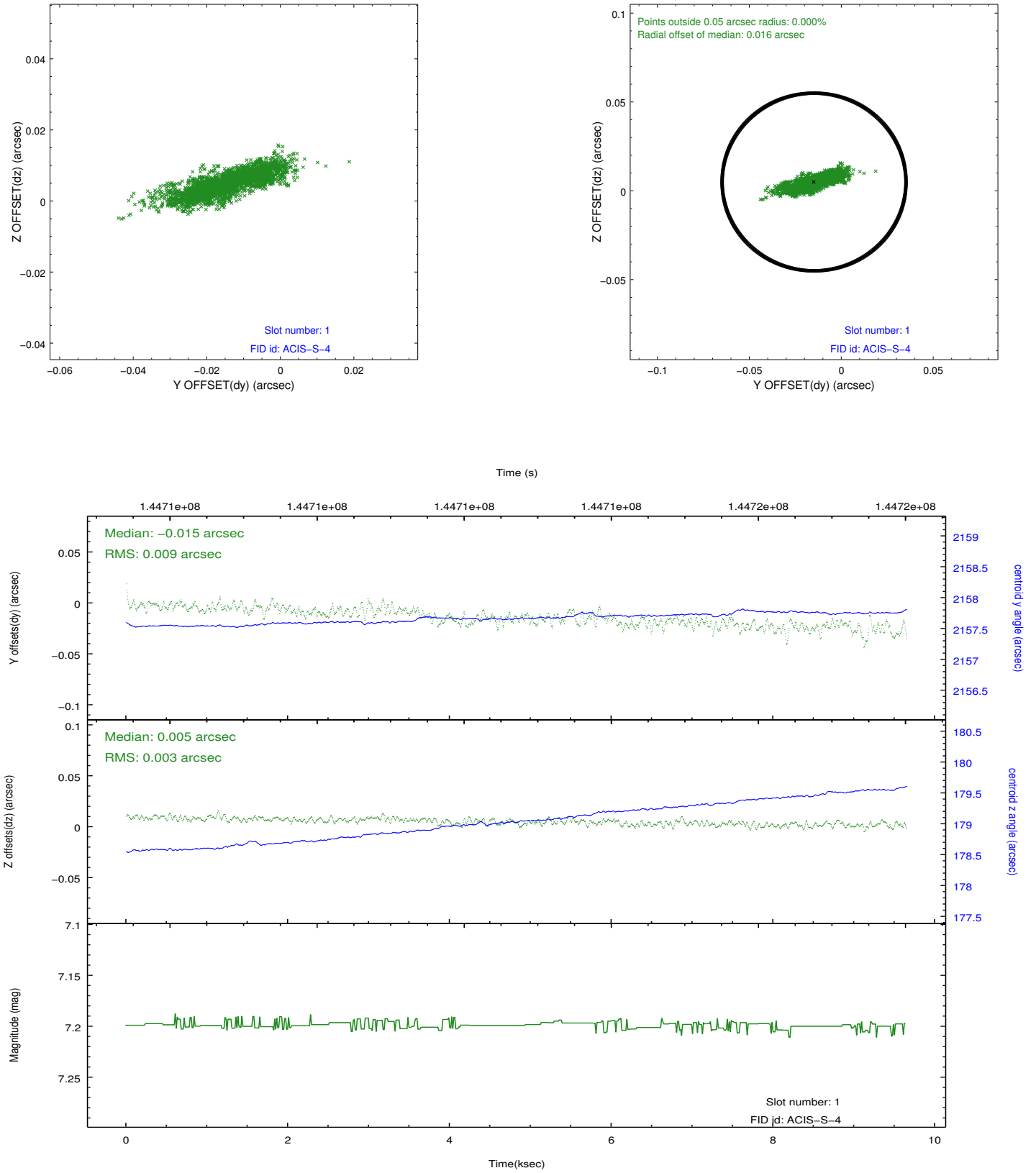


2.5 FID Slots

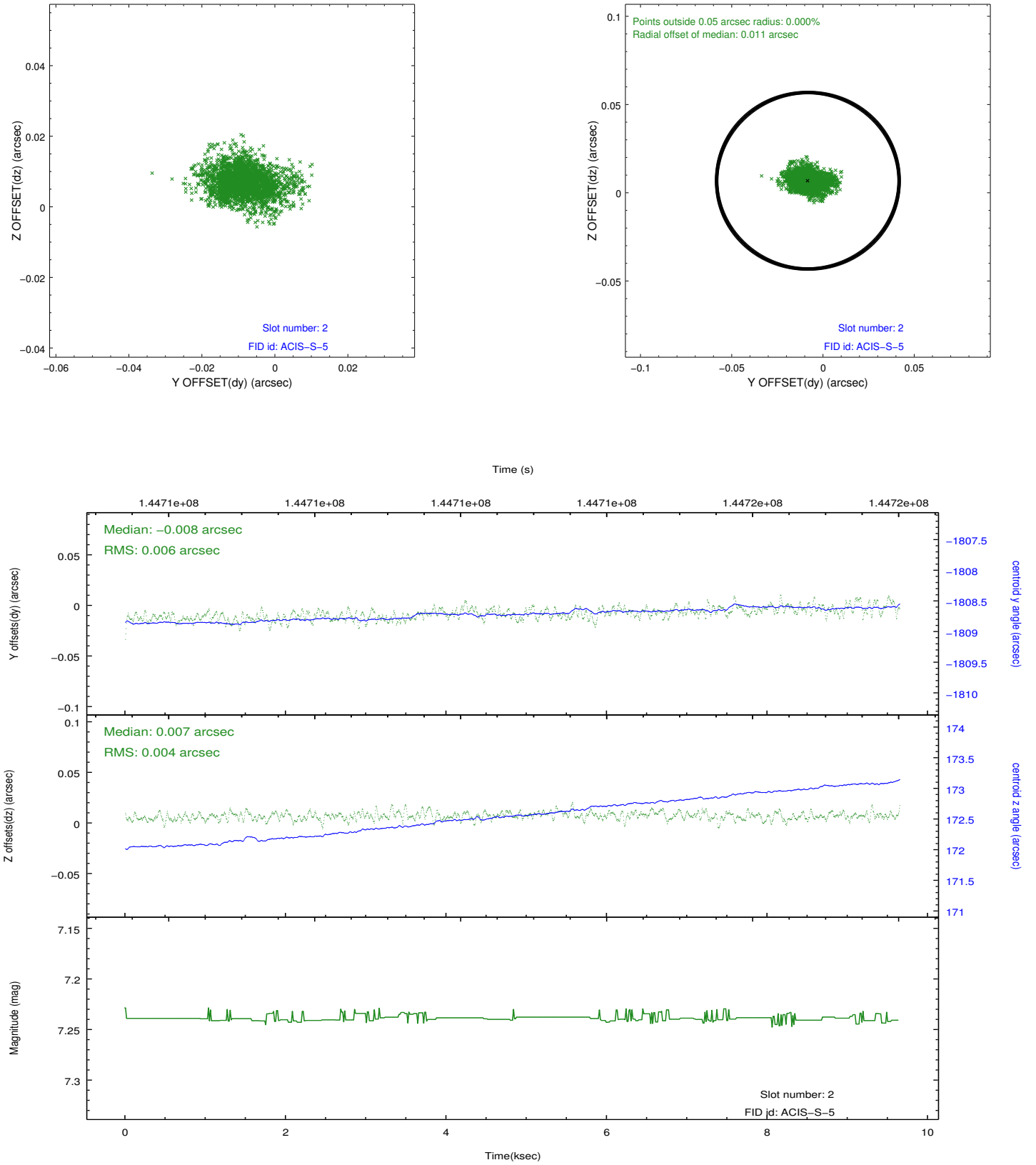
2.5.1 Slot 0



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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.646

A.2 Comments

Window preference not met.