

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7121 - L2 Version 2
Chandra X-Ray Center

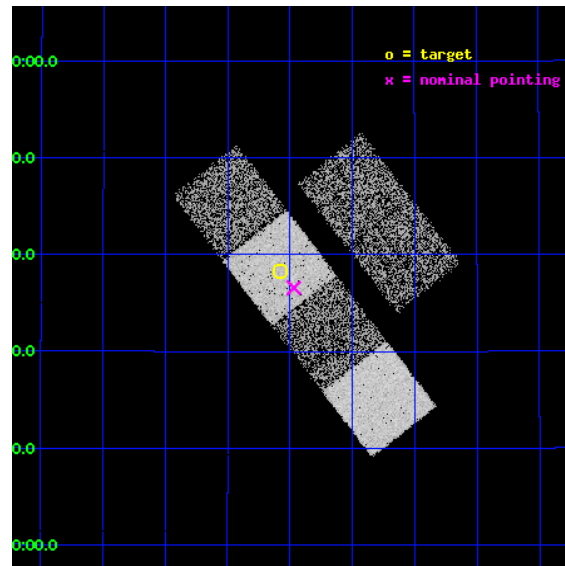
L2 Processing Date : Apr 10 2012

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1 Front

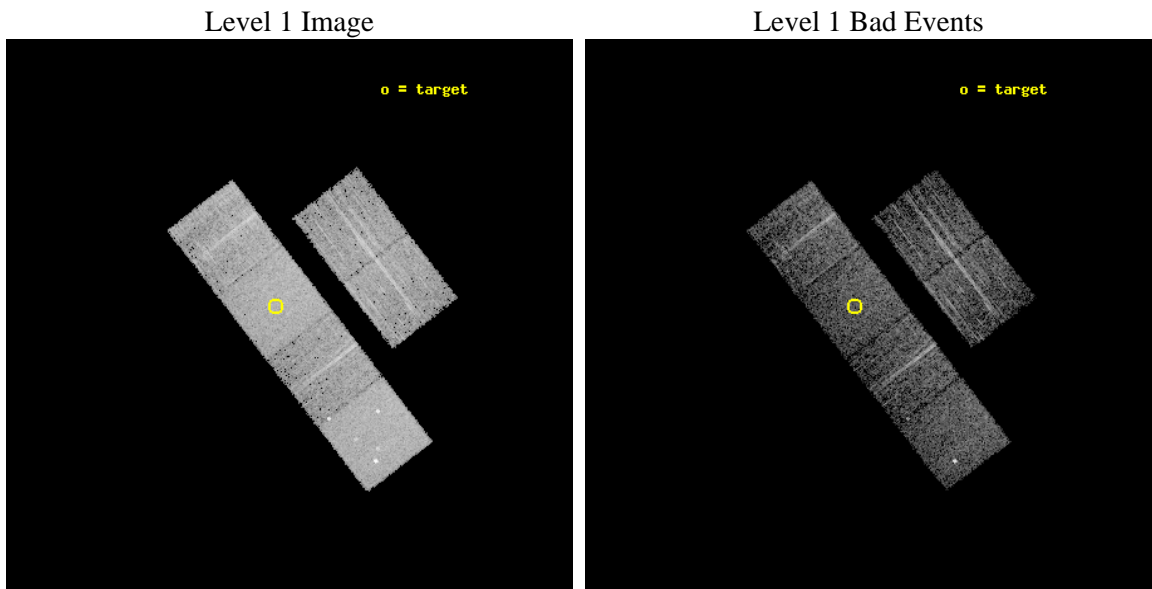
seq_num	600559	Sequence number
obs_id	7121	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	IC 1473	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	347.77	Observer's specified target RA [deg]
dec_targ	29.638111	Observer's specified target Dec [deg]
ra_nom	347.74221692364	Nominal RA [deg]
dec_nom	29.609668877561	Nominal Dec [deg]
roll_nom	232.24844965414	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3366.3999875188	Sum of GTIs [s]
livetime	3323.7726038741	Livetime [s]
ontime2	3366.3999875188	Sum of GTIs [s]
ontime3	3366.3999875188	Sum of GTIs [s]
ontime5	3366.3999875188	Sum of GTIs [s]
ontime6	3366.3999875188	Sum of GTIs [s]
ontime7	3366.3999875188	Sum of GTIs [s]
ontime8	3366.3999875188	Sum of GTIs [s]
l2events	49454	Number of level 2 events



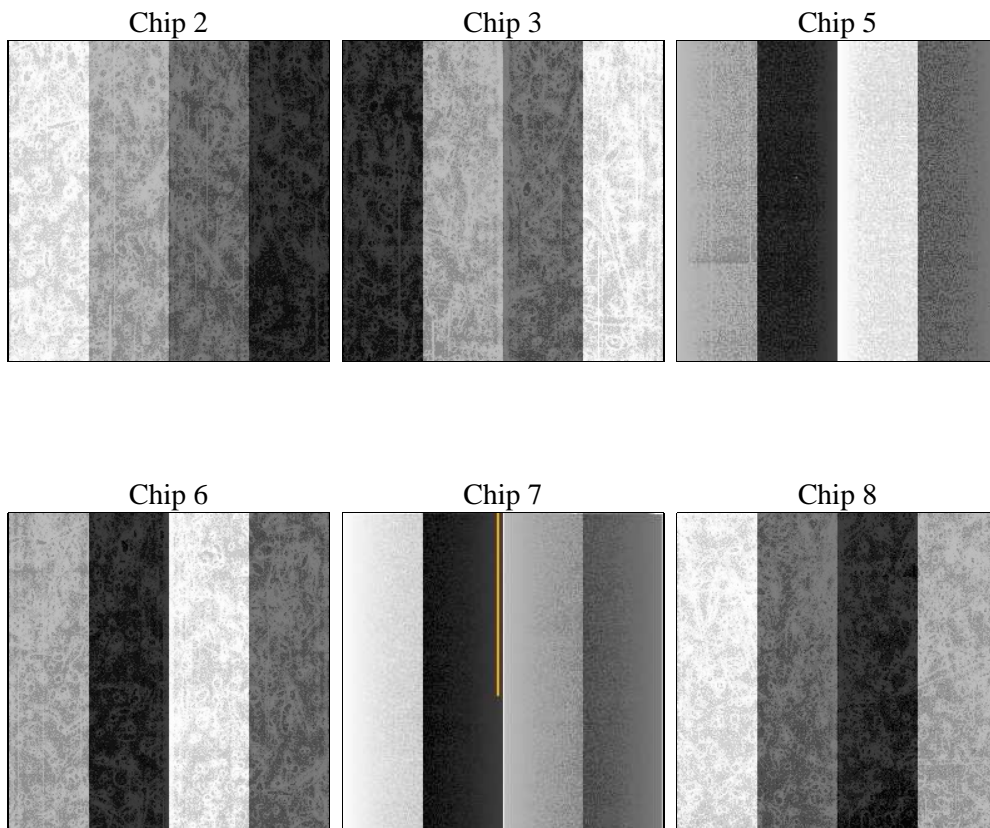
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3190.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	3366.3999875188	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3366.3999875188	Sum of GTIs [s]
date	2012-04-11T00:56:56	Date and time of file creation	ontime3	3366.3999875188	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	3366.3999875188	Sum of GTIs [s]
			ontime6	3366.3999875188	Sum of GTIs [s]
			ontime7	3366.3999875188	Sum of GTIs [s]
			ontime8	3366.3999875188	Sum of GTIs [s]
			l1events	292478	Number of level 1 events

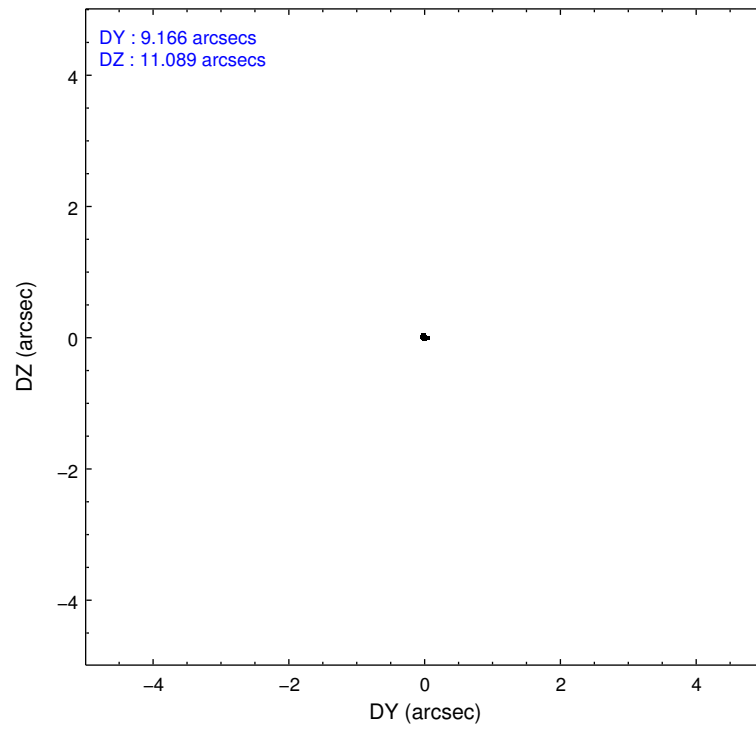
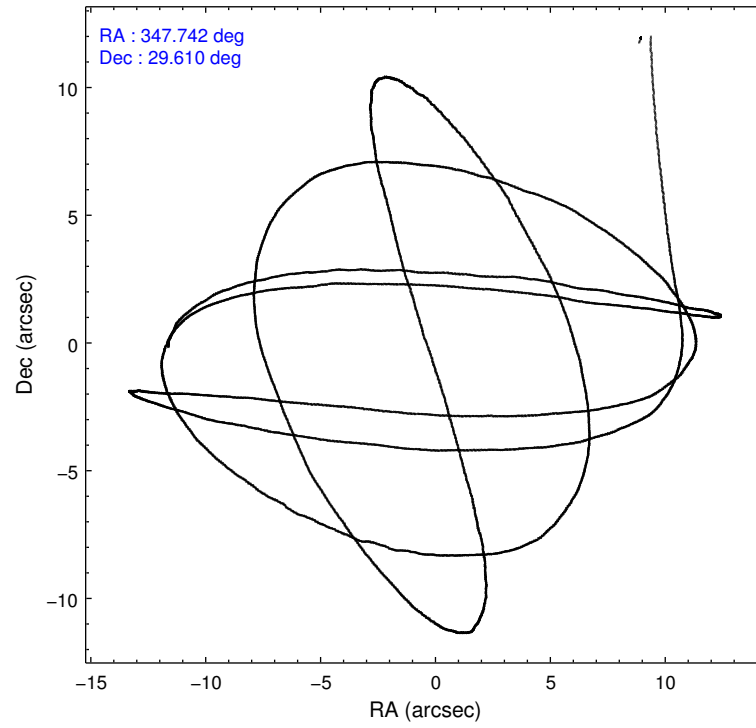
2.1.4 Events

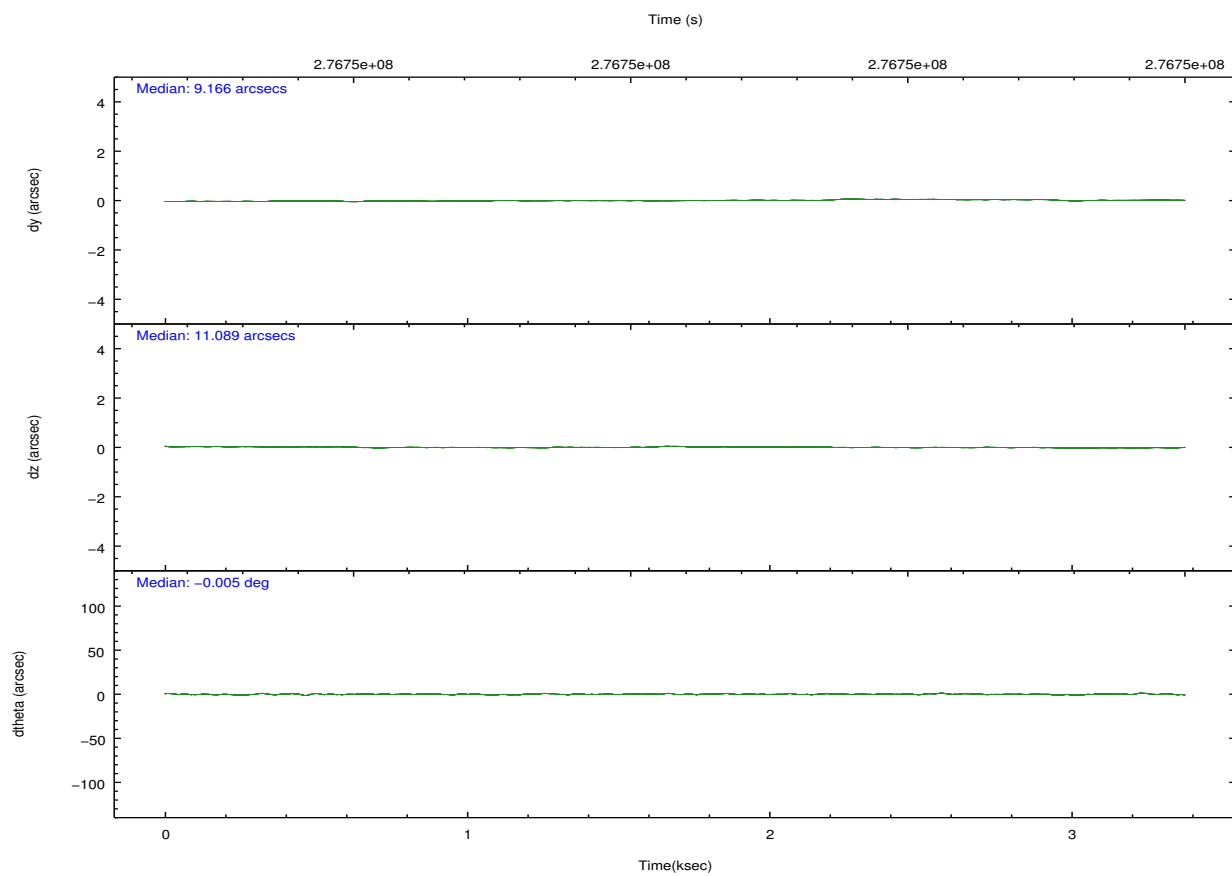
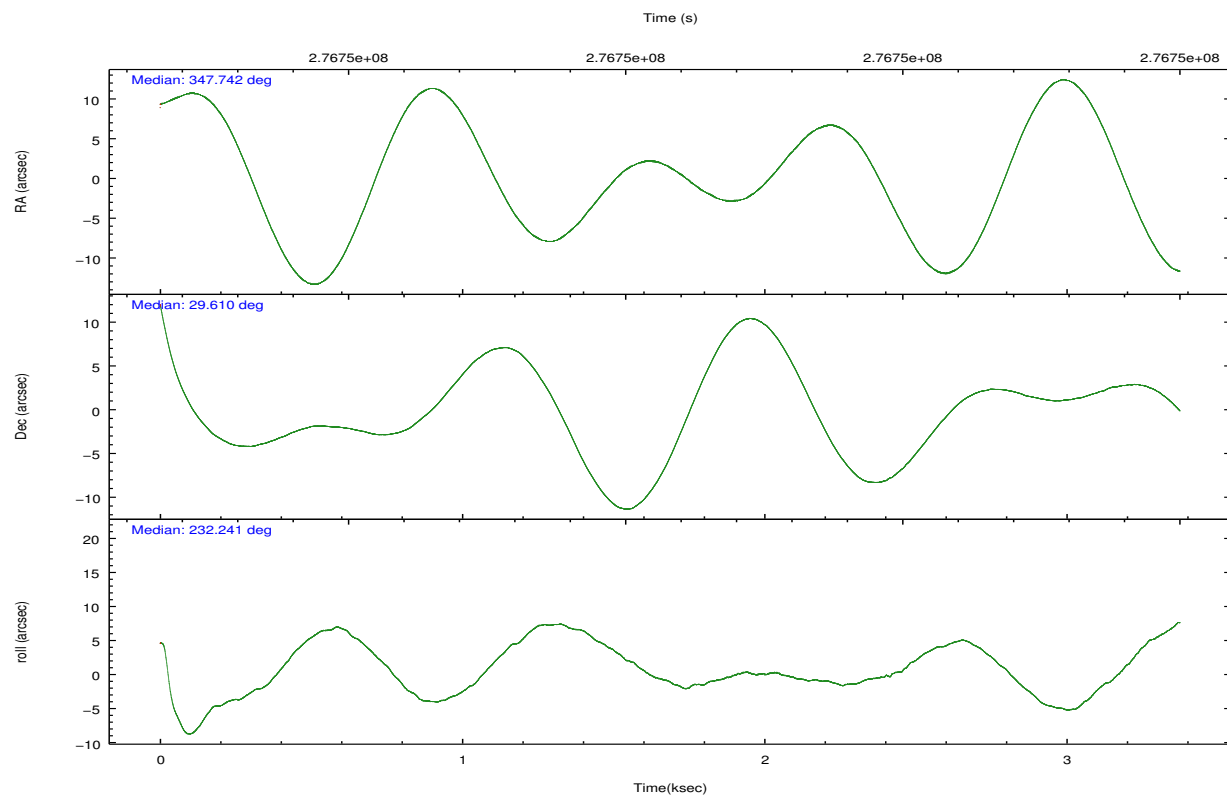
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	41807	39643	63814	39913	55639	51662	grade 0 events	2186	2157	3317	1826	1924	3573
rejected events	38131	36091	41819	36342	38476	43106		5%	5%	5%	4%	3%	6%
rejected %	91%	91%	65%	91%	69%	83%	grade 1 events	13	23	261	17	51	33
								0%	0%	0%	0%	0%	0%
							grade 2 events	1027	904	8823	1090	4608	2572
								2%	2%	13%	2%	8%	4%
							grade 3 events	441	446	1166	454	1955	1324
								1%	1%	1%	1%	3%	2%
							grade 4 events	470	448	938	483	1968	1159
								1%	1%	1%	1%	3%	2%
							grade 5 events	1587	1862	4660	1951	5165	2558
								3%	4%	7%	4%	9%	4%
							grade 6 events	771	821	15300	954	12427	2929
								1%	2%	23%	2%	22%	5%
							grade 7 events	35312	32982	29349	33138	27541	37514
								84%	83%	45%	83%	49%	72%

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	347.745882	347.7422169236383	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.636693	29.60966887756102	Alternating exposures requested	N	N
[deg] Pointing Roll	232.089955	232.2484496541413	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	276748664.184000	276747023.7626			
Observation start date	2006-10-09T02:36:39	2006-10-09T02:10:23			
[s] Observation end time (MET)	276751854.184000	276752528.52536			
Observation end date	2006-10-09T03:29:49	2006-10-09T03:42:08			
Read mode	TIMED	TIMED			

2.3 Aspect



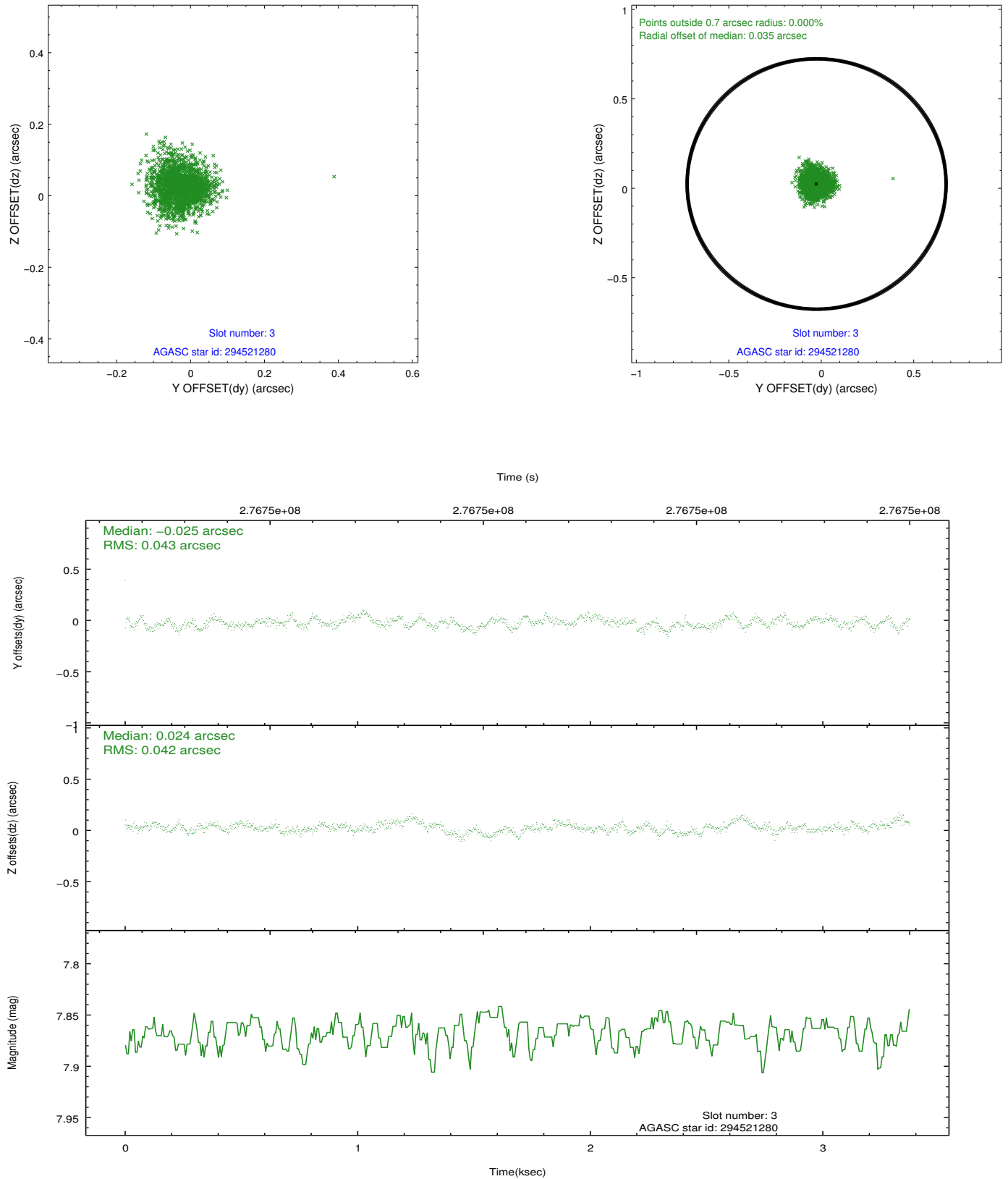


Slot Statistics

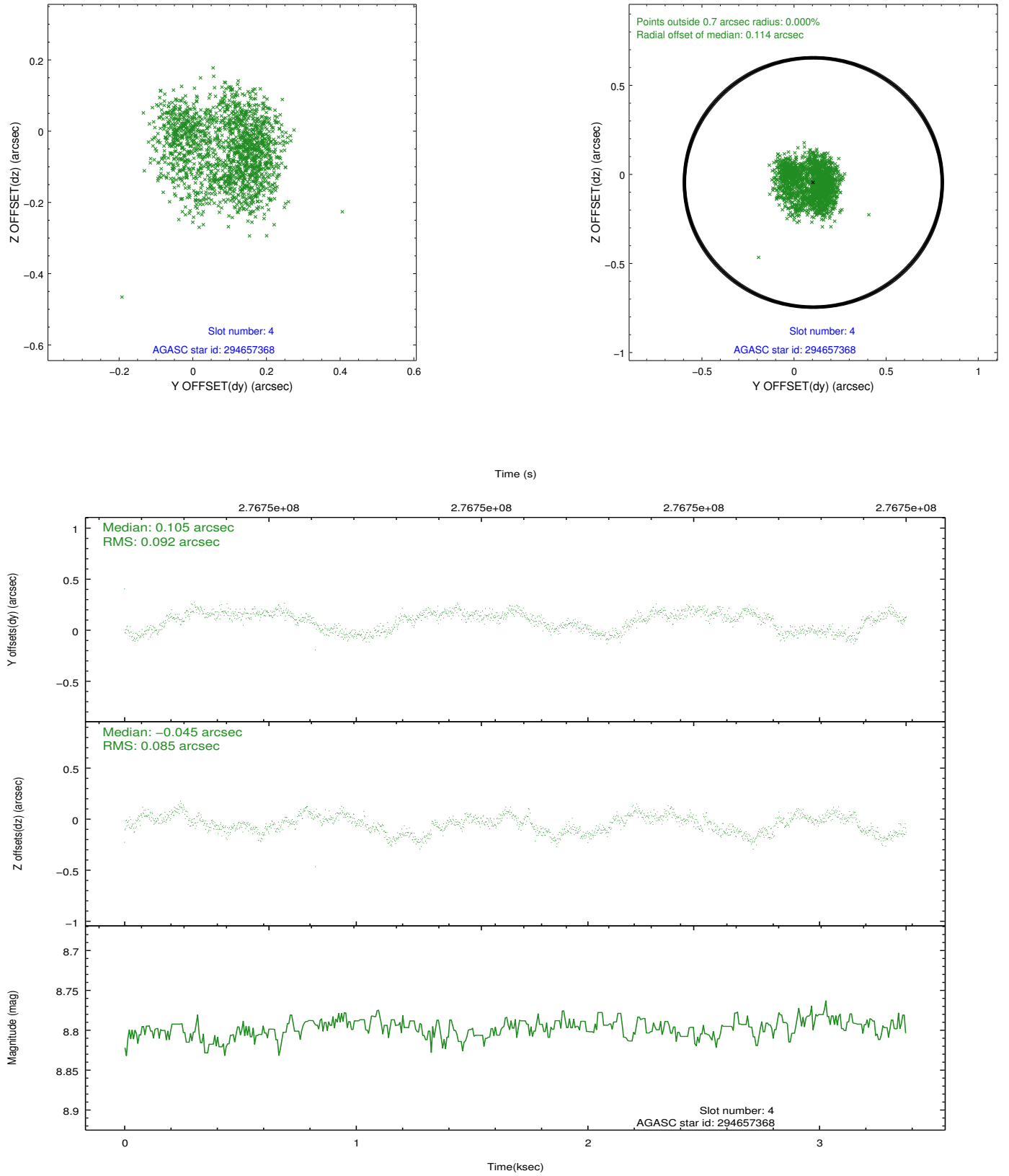
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	824	0.069	-0.090	0.006	0.011	0.000000	0.000000	934.11	-1728.04
1	FID	ACIS-S-5	7.24	823	-0.151	0.027	0.006	0.011	0.000000	0.000000	-1814.04	167.72
2	FID	ACIS-S-6	7.35	823	0.061	0.075	0.007	0.011	0.000000	0.000000	397.65	813.83
3	GUIDE	294521280	7.87	1647	-0.025	0.024	0.063	0.104	346.971515	29.692341	1324.54	-2038.53
4	GUIDE	294657368	8.80	1647	0.105	-0.045	0.140	0.201	347.519497	29.840754	-143.92	-1010.91
5	GUIDE	360588576	6.71	1645	-0.095	-0.020	0.058	0.098	347.794944	30.043114	-1247.84	-779.22
6	GUIDE	294523056	9.21	1645	-0.016	0.016	0.113	0.171	347.376125	29.724131	460.56	-1107.06
7	GUIDE	294657328	9.11	1646	0.053	0.037	0.084	0.135	347.742008	28.947176	1966.89	1515.09

2.4 Star Slots

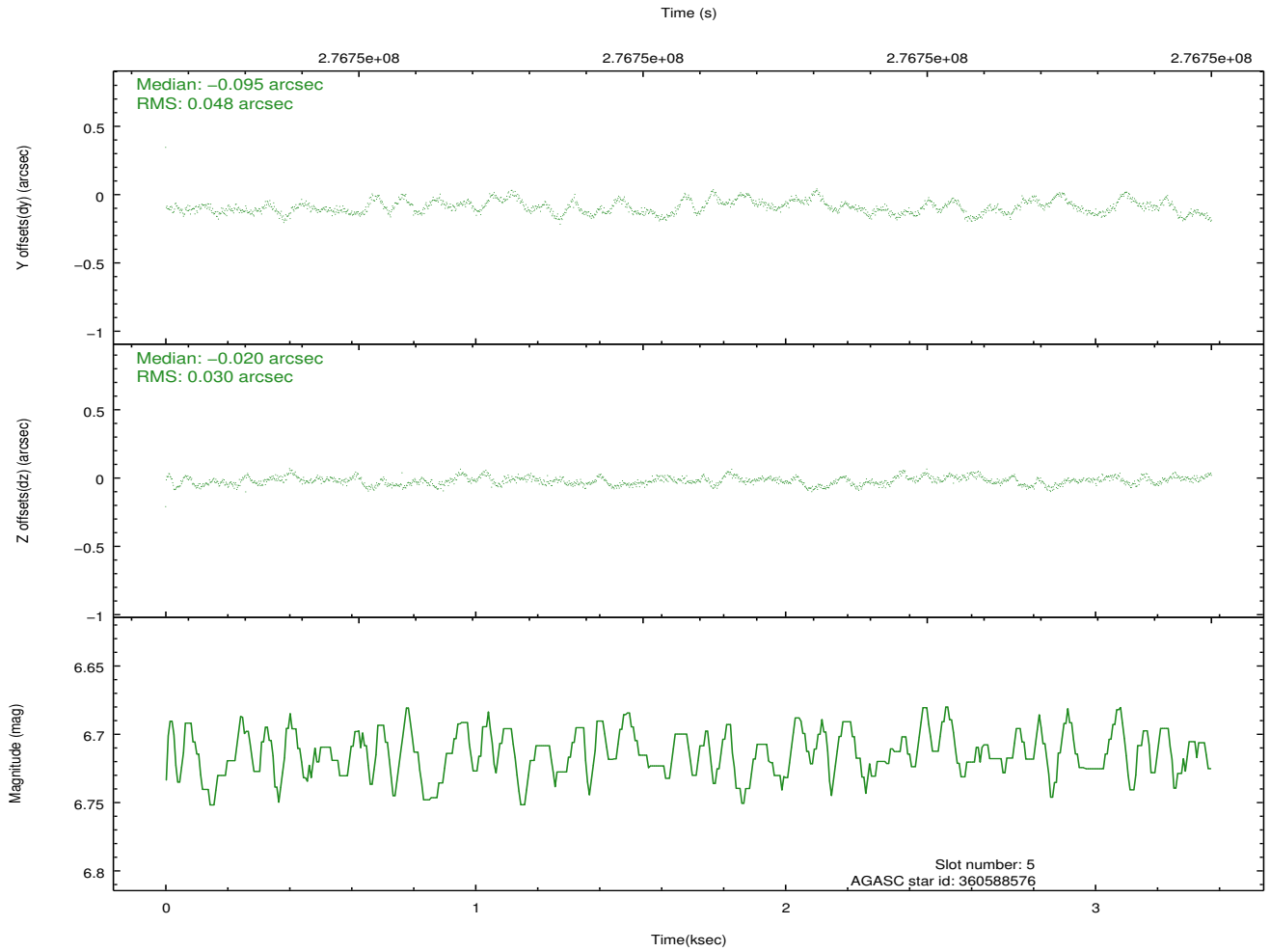
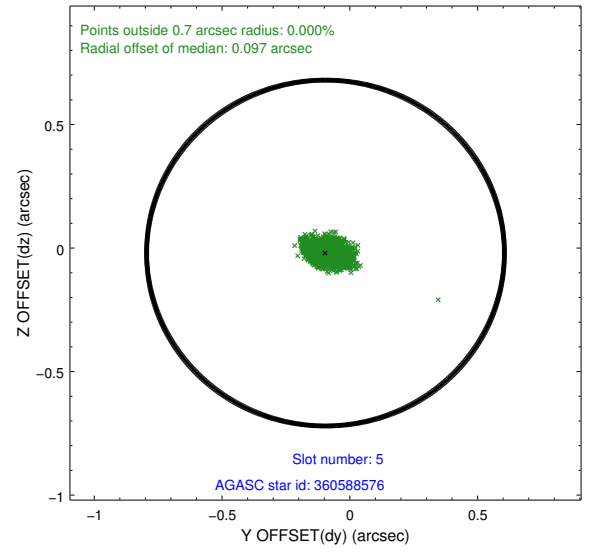
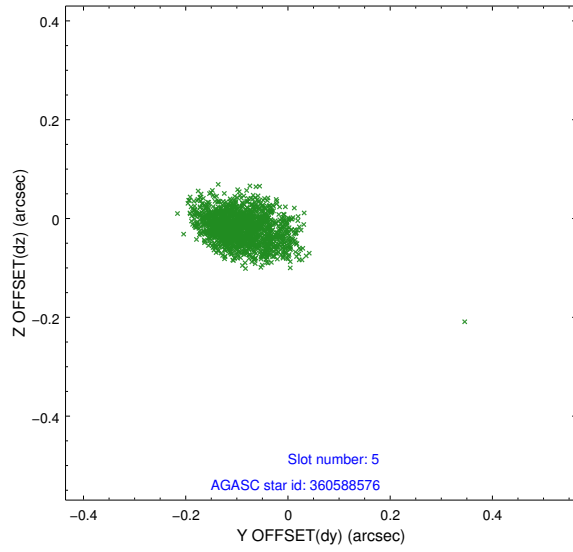
2.4.1 Slot 3



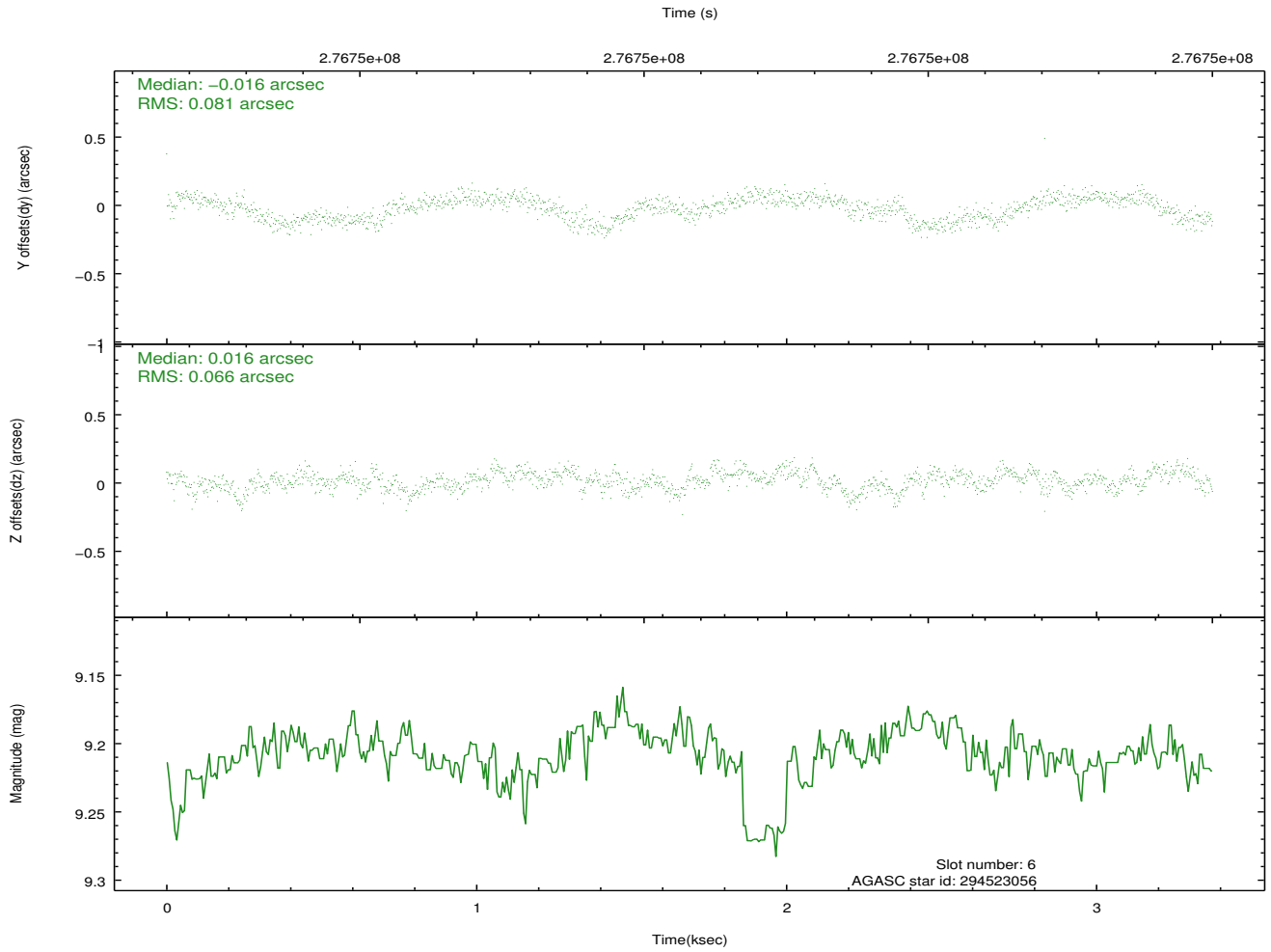
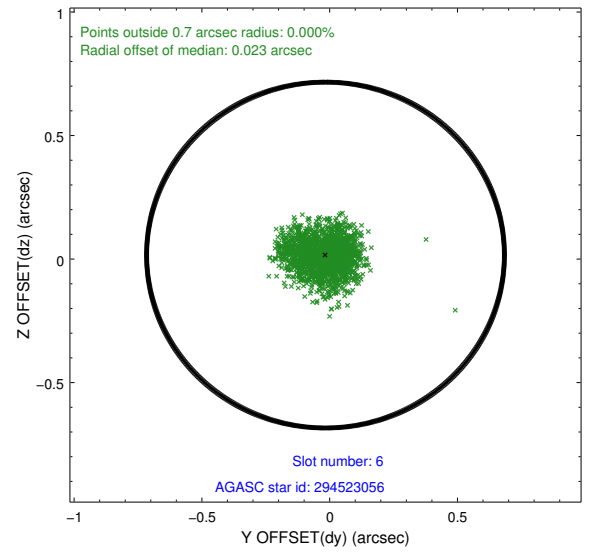
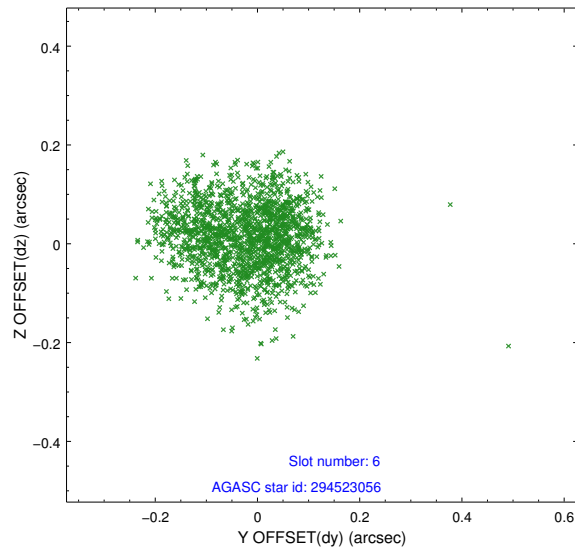
2.4.2 Slot 4



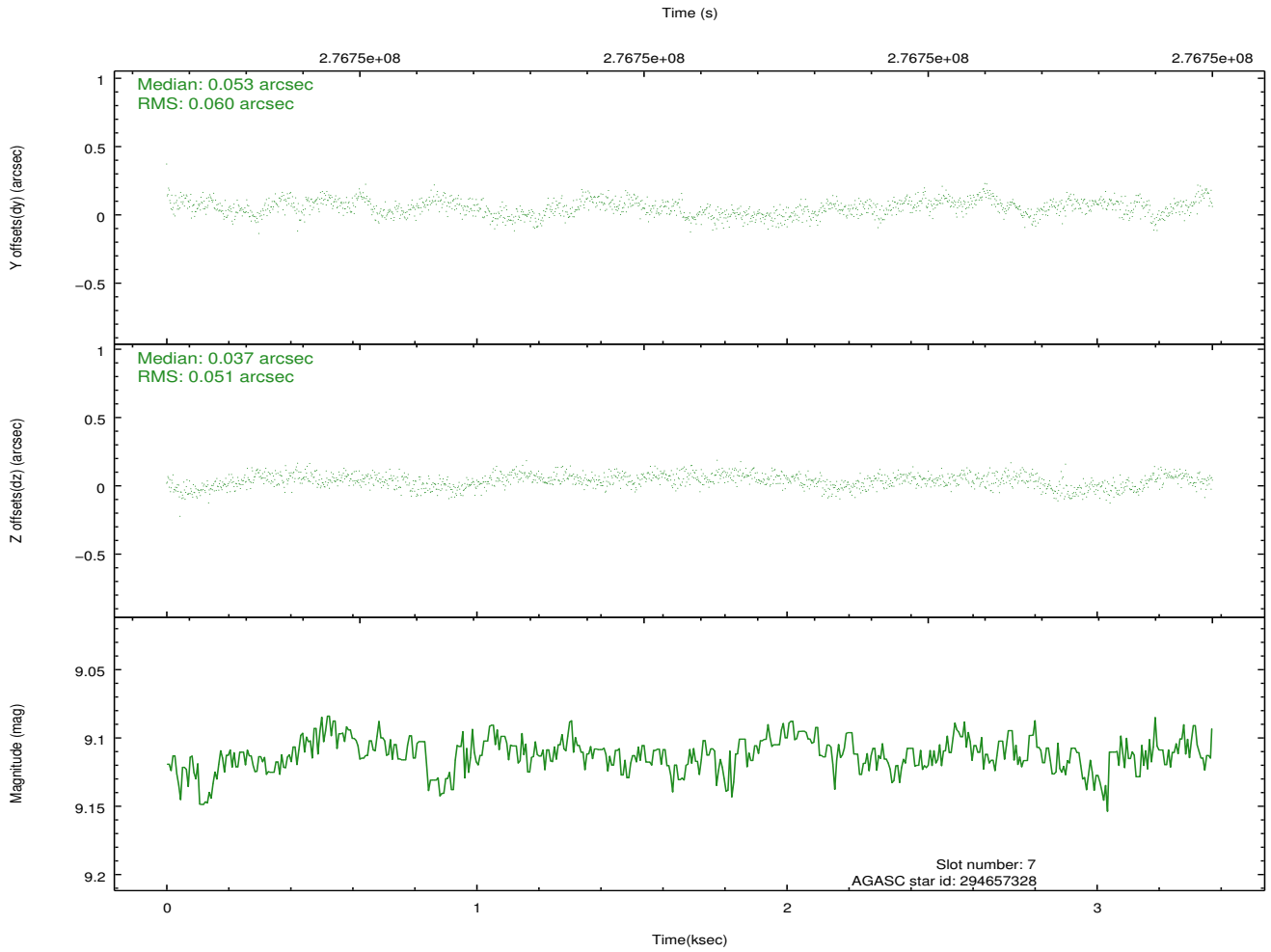
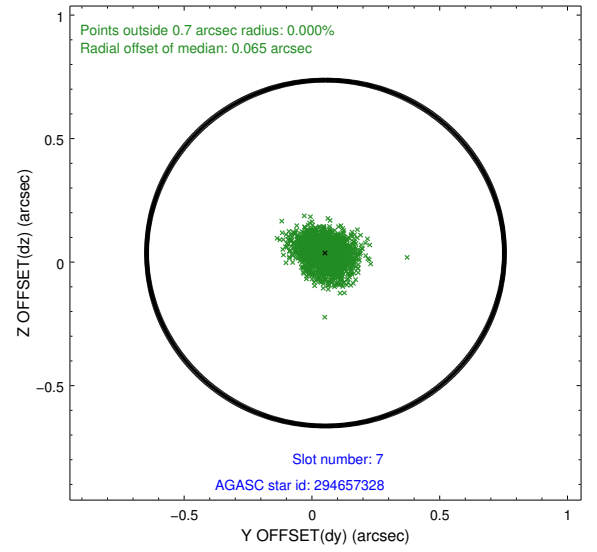
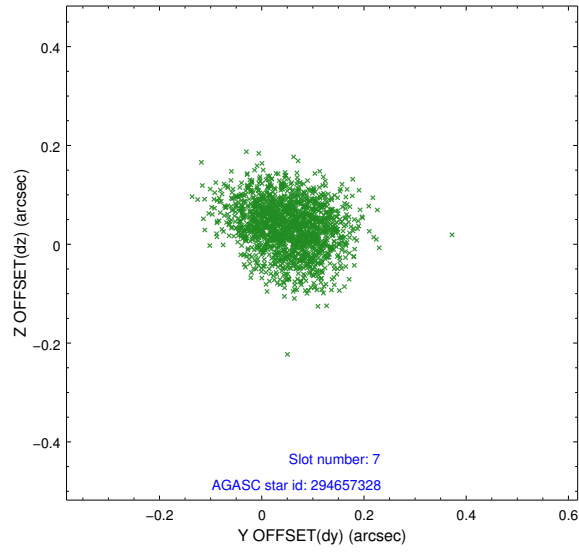
2.4.3 Slot 5



2.4.4 Slot 6

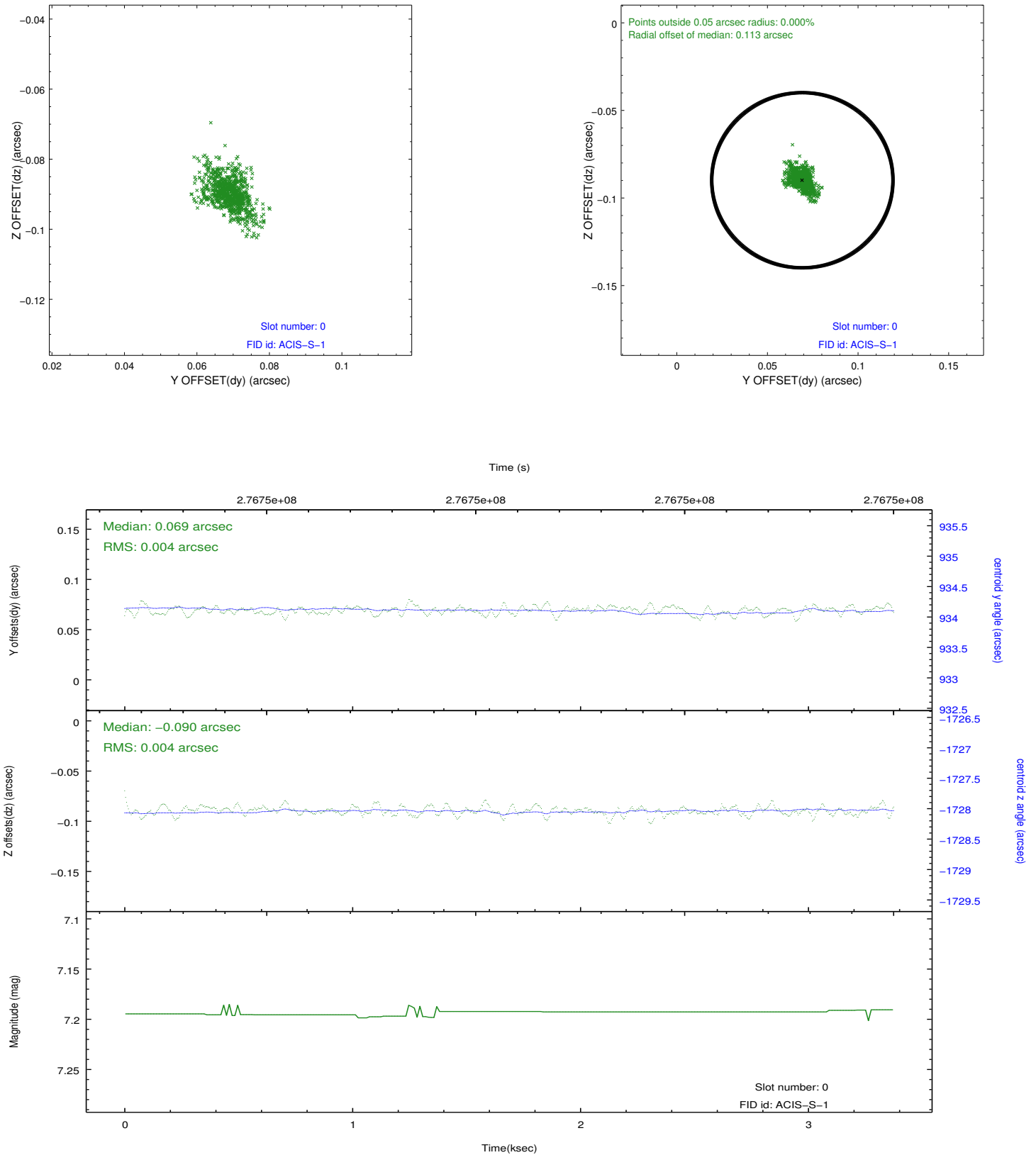


2.4.5 Slot 7

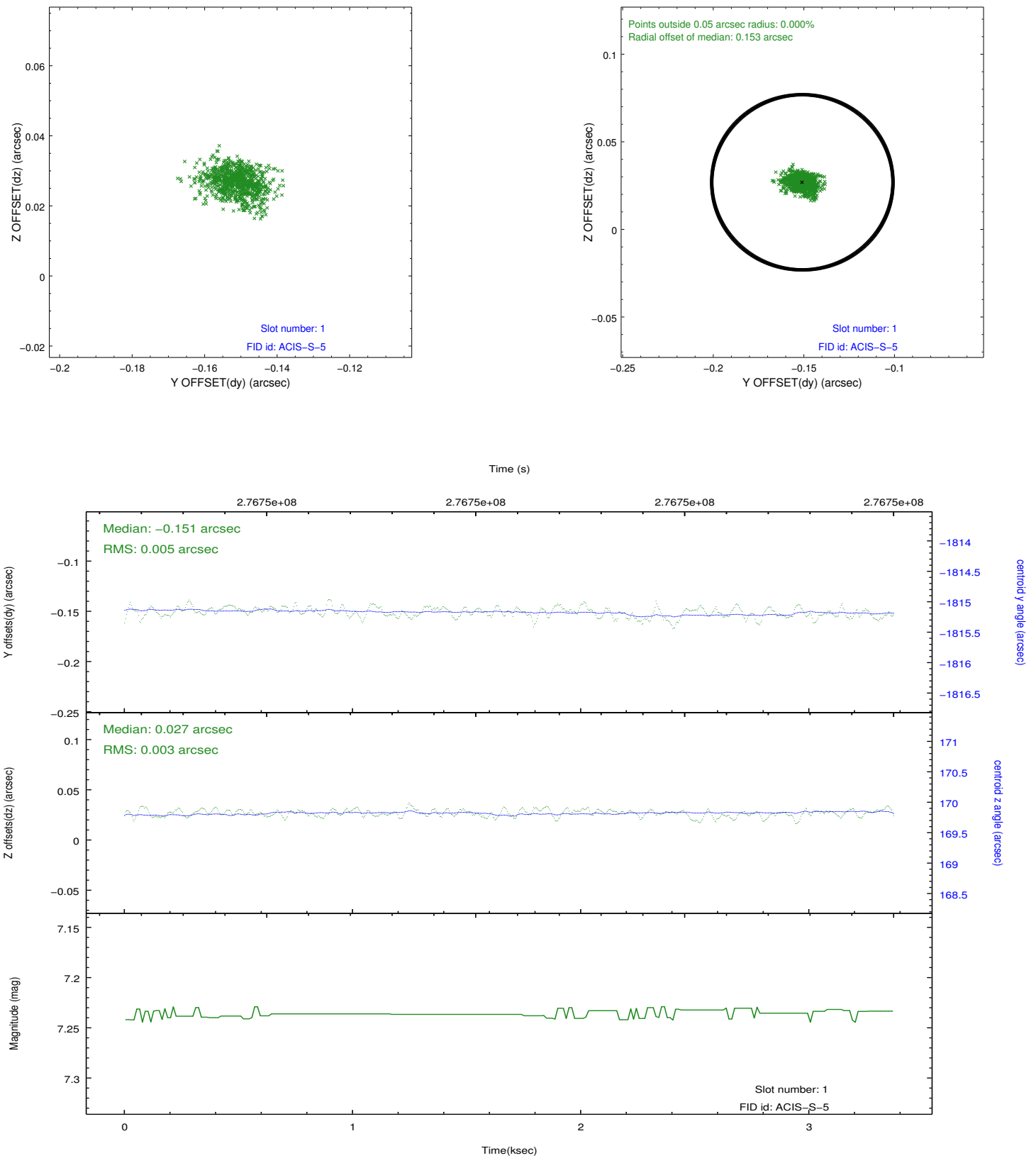


2.5 FID Slots

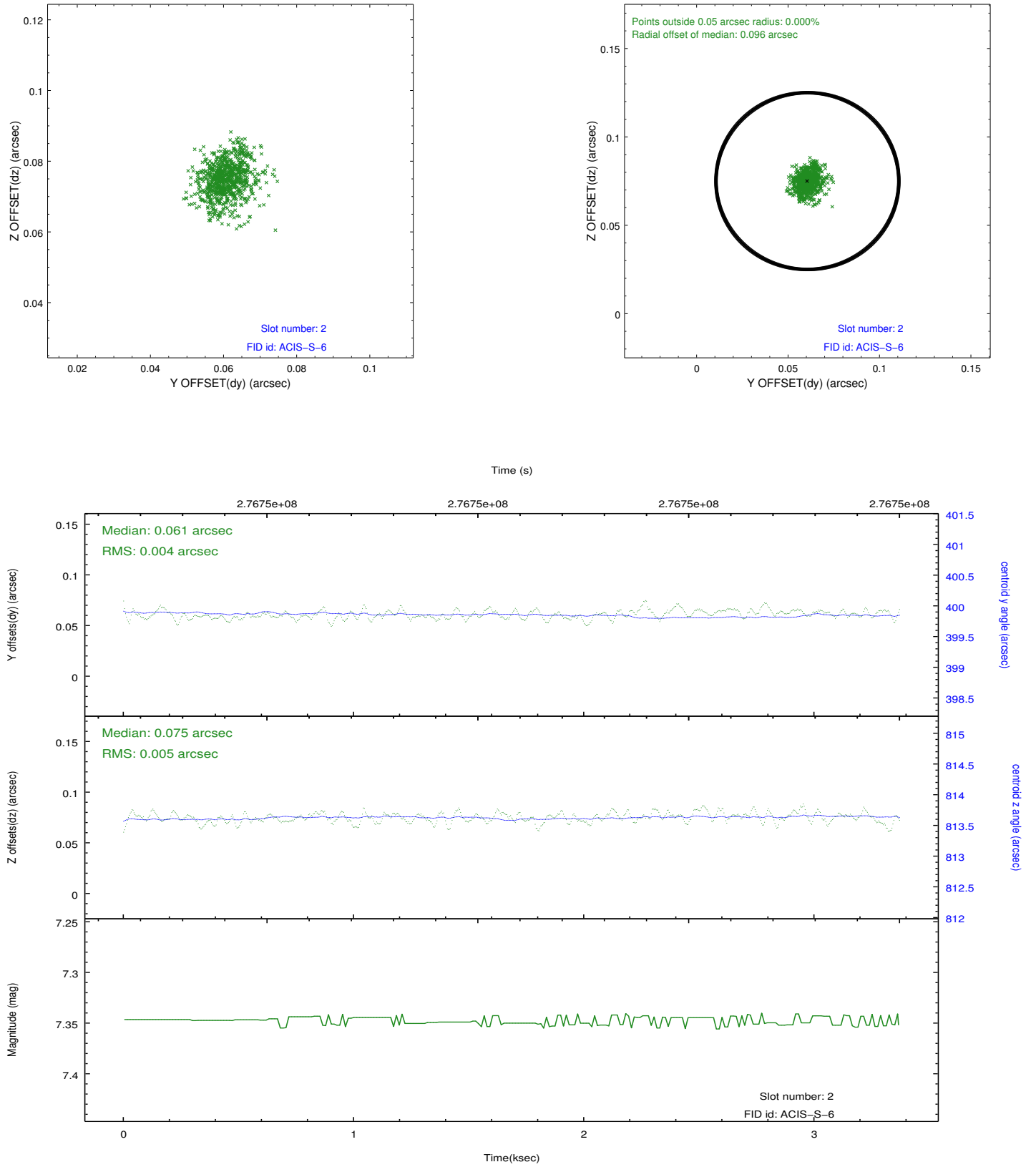
2.5.1 Slot 0



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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.36639998

A.2 Comments