

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3353 - L2 Version 3
Chandra X-Ray Center

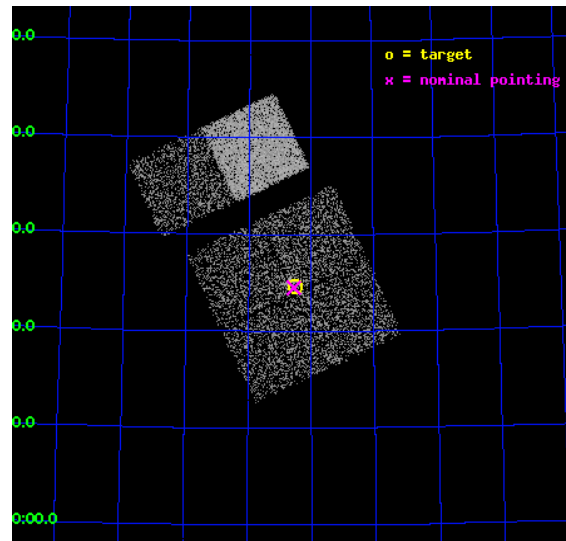
L2 Processing Date : Oct 14 2012

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1 Front

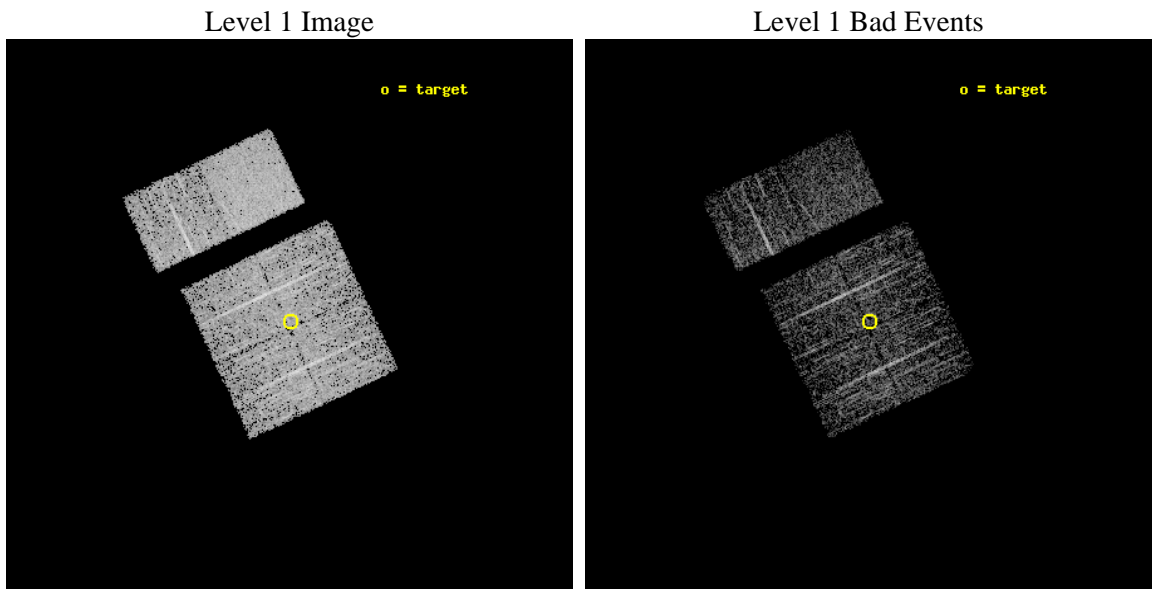
seq_num	900192	Sequence number
obs_id	3353	Observation id
title	CHANDRA OBSERVATIONS OF OPTICALLY FAINT SOURCES DISCOVERED WITH ASCA	
observer	Dr Yoshihiro Ueda	Principal investigator
object	1AXG J135629+7724	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.123333	Observer's specified target RA [deg]
dec_targ	77.411889	Observer's specified target Dec [deg]
ra_nom	209.13798421473	Nominal RA [deg]
dec_nom	77.408476814805	Nominal Dec [deg]
roll_nom	334.88840688029	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2862.8963934183	Sum of GTIs [s]
livetime	2826.6446754556	Livetime [s]
ontime0	2862.7732734382	Sum of GTIs [s]
ontime1	2862.8143134117	Sum of GTIs [s]
ontime2	2862.855353415	Sum of GTIs [s]
ontime3	2862.8963934183	Sum of GTIs [s]
ontime6	2862.9784734249	Sum of GTIs [s]
ontime7	2862.9374334216	Sum of GTIs [s]
l2events	18714	Number of level 2 events



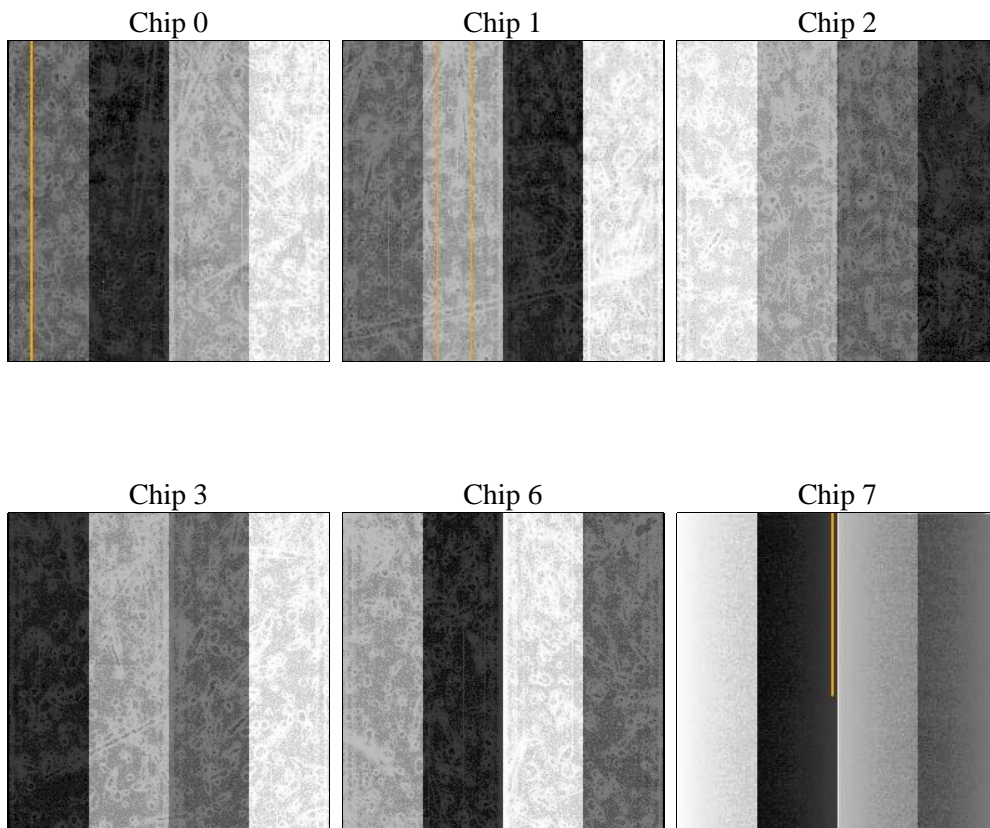
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2862.8963934183	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2862.7732734382	Sum of GTIs [s]
date	2012-10-14T20:09:35	Date and time of file creation	ontime1	2862.8143134117	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2862.855353415	Sum of GTIs [s]
			ontime3	2862.8963934183	Sum of GTIs [s]
			ontime6	2862.9784734249	Sum of GTIs [s]
			ontime7	2862.9374334216	Sum of GTIs [s]
			l1events	108787	Number of level 1 events

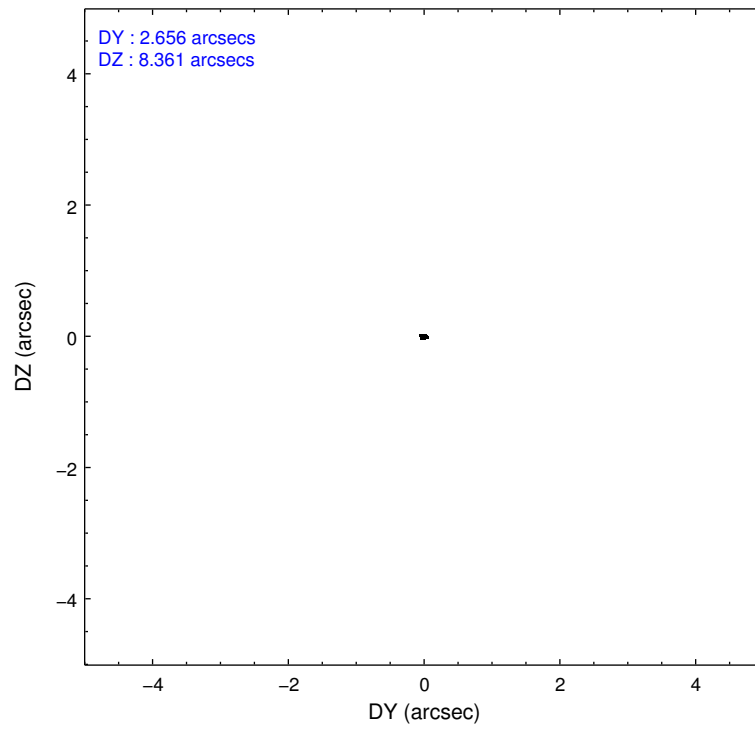
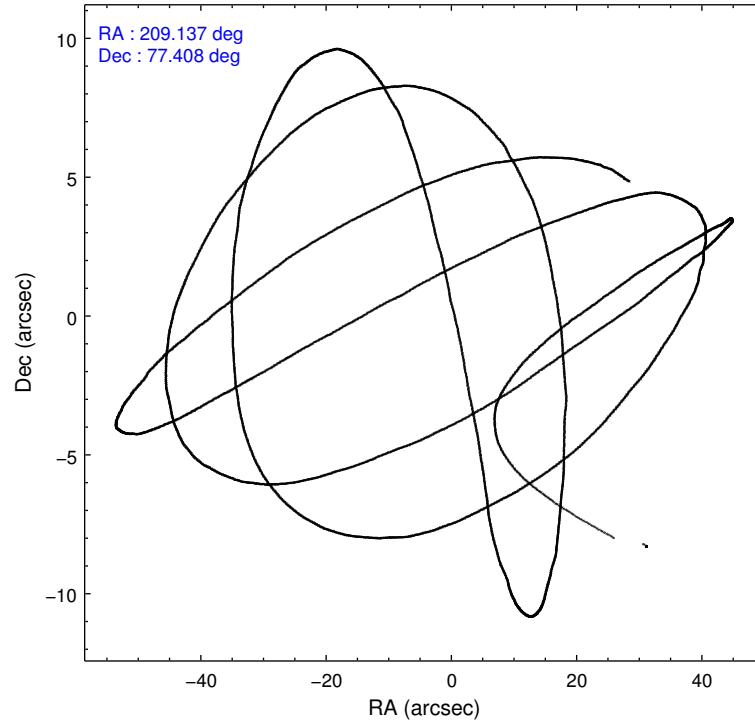
2.1.4 Events

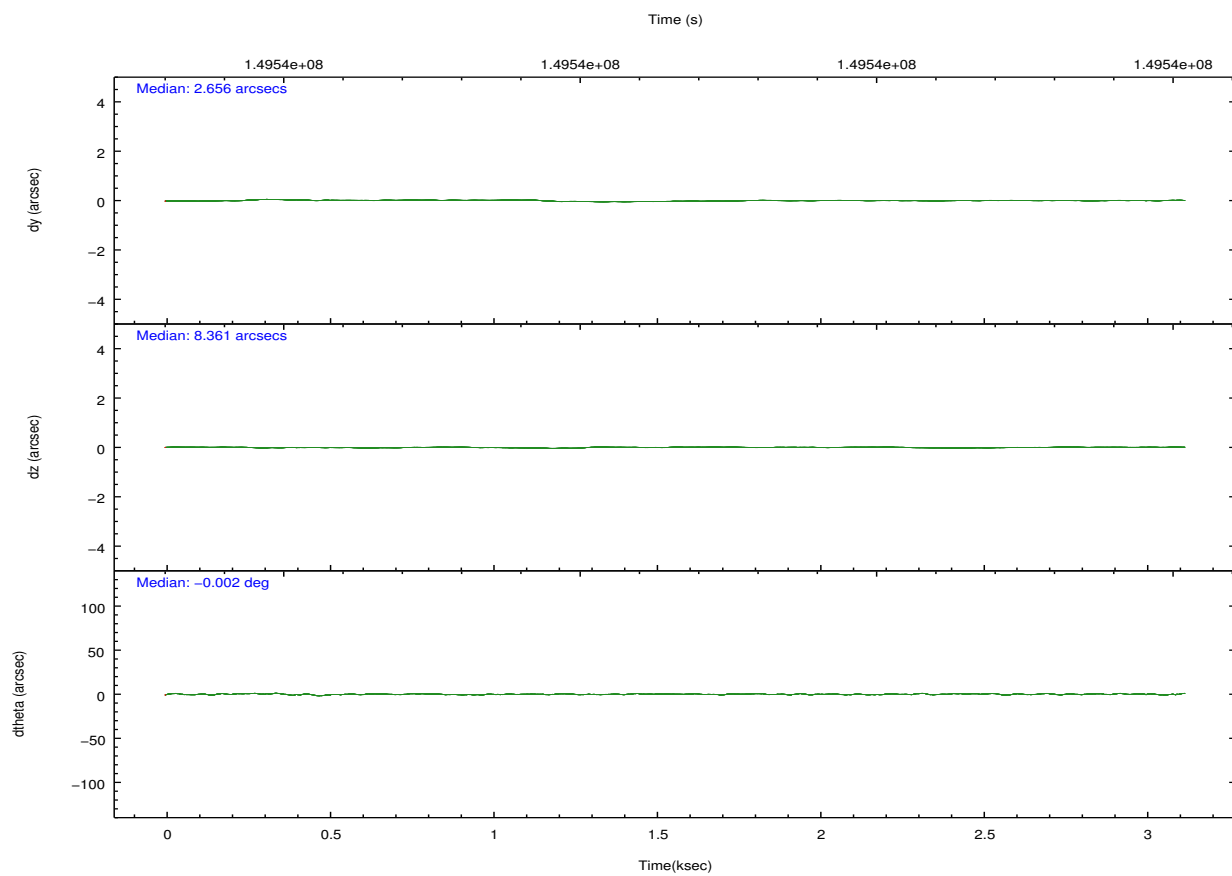
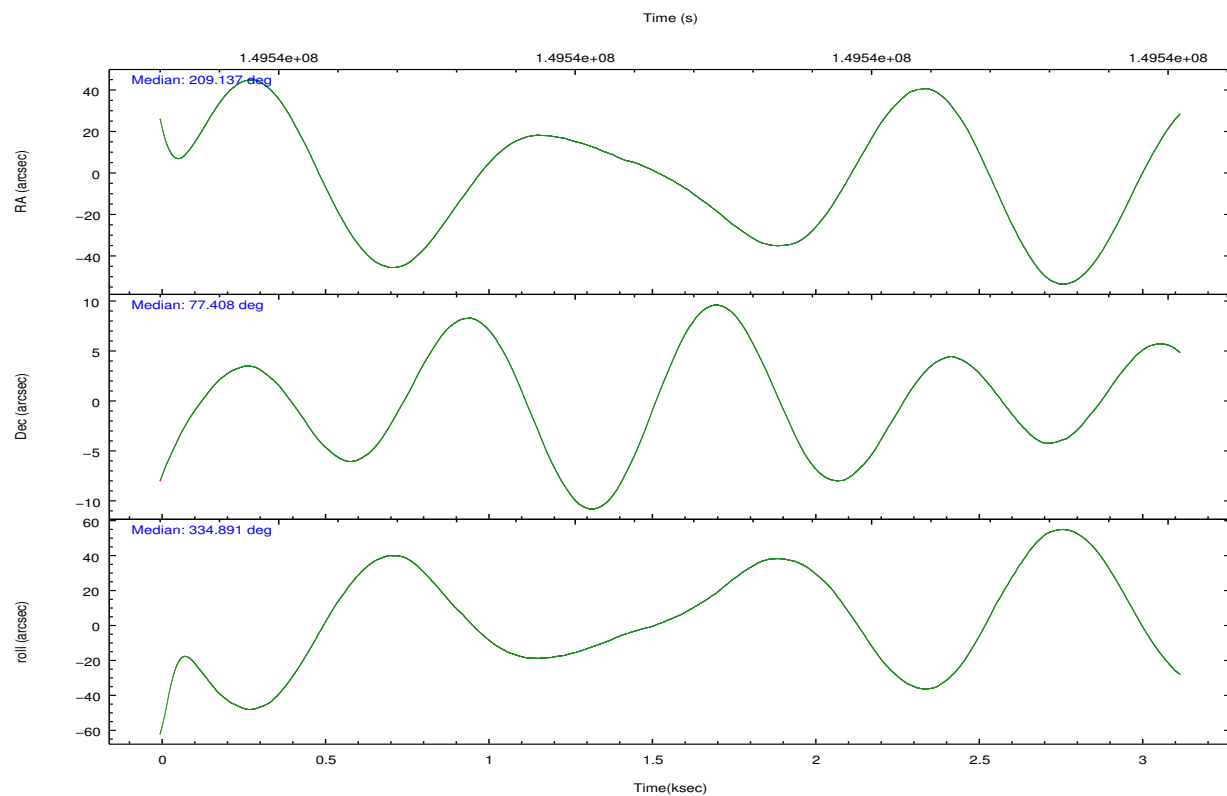
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	17019	16573	16791	17334	17369	23701	grade 0 events	959	898	976	997	786	829
rejected events	14872	14326	14634	15078	15336	14070		5%	5%	5%	5%	4%	3%
rejected %	87%	86%	87%	86%	88%	59%	grade 1 events	8	3	9	17	6	17
								0%	0%	0%	0%	0%	0%
							grade 2 events	453	475	452	429	452	1958
								2%	2%	2%	2%	2%	8%
							grade 3 events	190	221	198	225	206	938
								1%	1%	1%	1%	1%	3%
							grade 4 events	198	224	190	235	193	875
								1%	1%	1%	1%	1%	3%
							grade 5 events	713	749	676	760	816	2257
								4%	4%	4%	4%	4%	9%
							grade 6 events	354	439	345	382	402	5055
								2%	2%	2%	2%	2%	21%
							grade 7 events	14144	13564	13945	14289	14508	11772
								83%	81%	83%	82%	83%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	209.012485	209.137984214733	Subarray requested	NONE	NONE
[deg] Pointing Dec	77.405971	77.40847681480525	Alternating exposures requested	N	N
[deg] Pointing Roll	334.802318	334.8884068802931	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	149539975.184000	149538995.39997			
Observation start date	2002-09-27T18:51:51	2002-09-27T18:36:35			
[s] Observation end time (MET)	149542875.184000	149543753.45017			
Observation end date	2002-09-27T19:40:11	2002-09-27T19:55:53			
Read mode	TIMED	TIMED			

2.3 Aspect



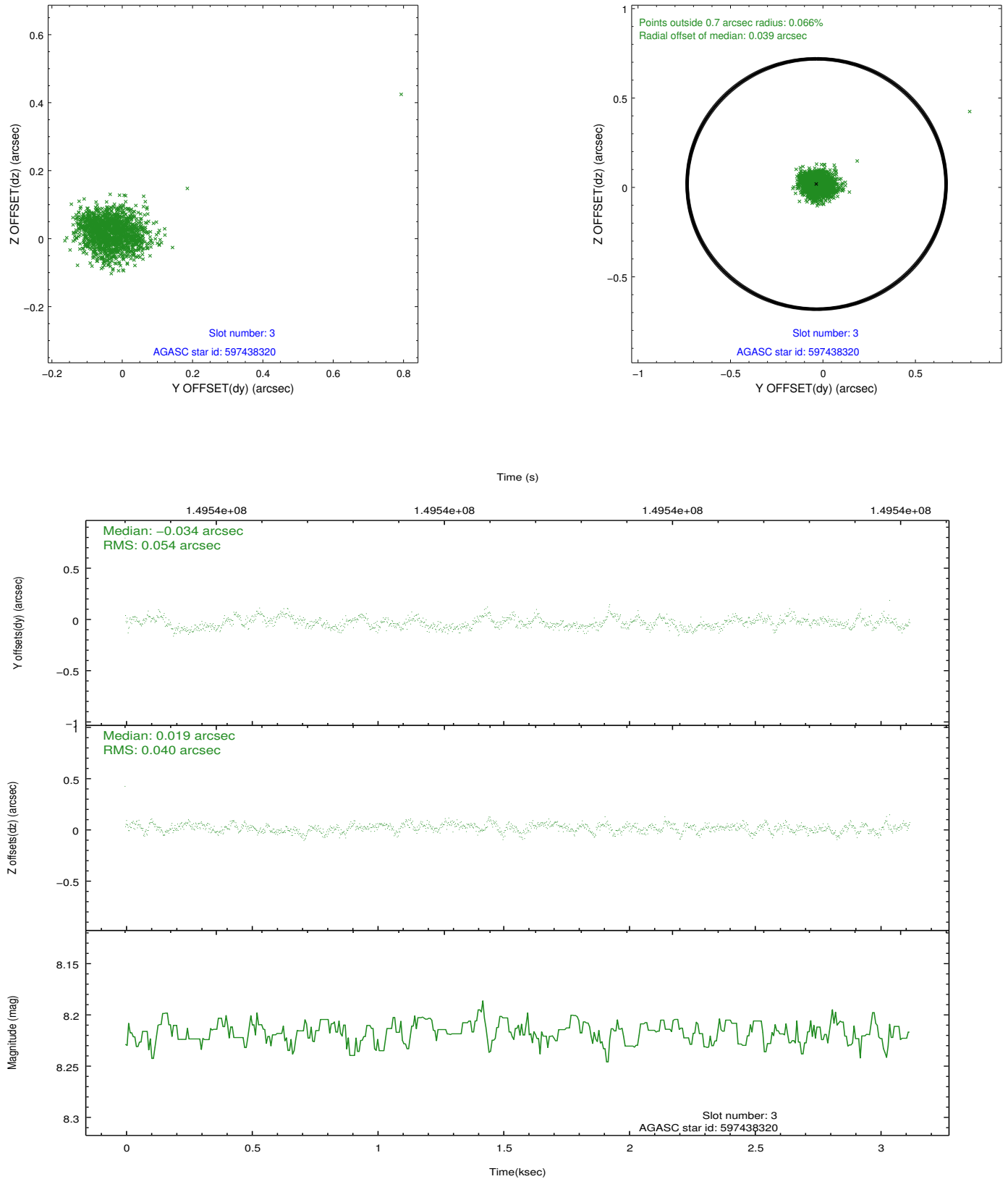


Slot Statistics

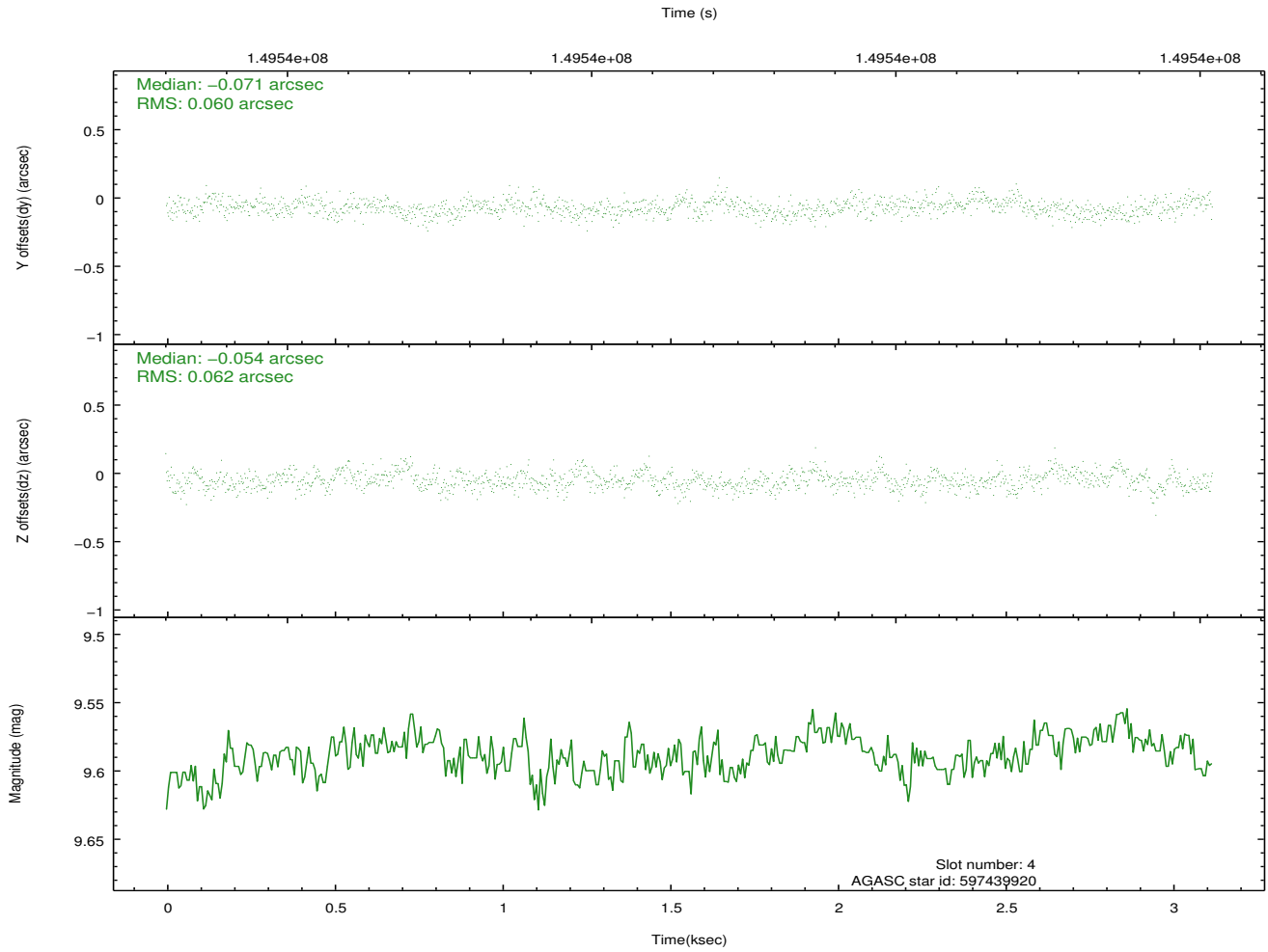
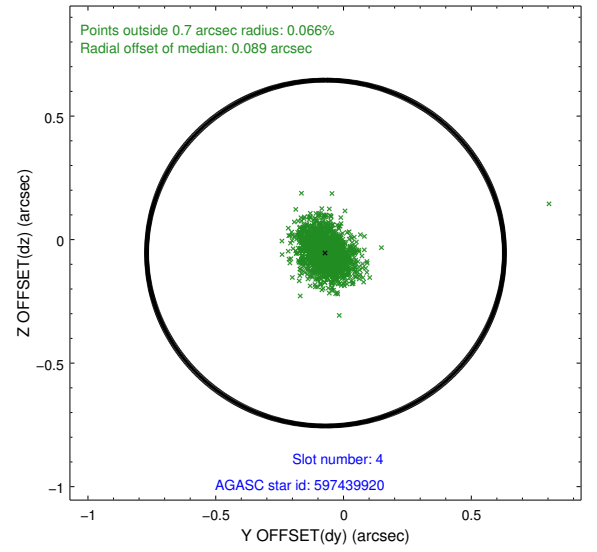
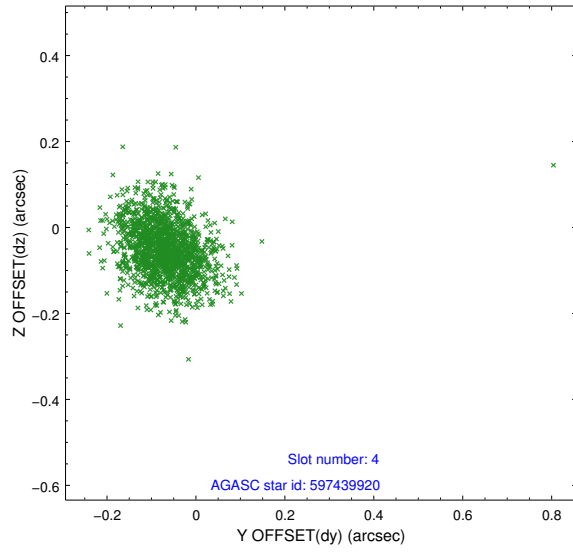
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	761	-0.022	0.061	0.006	0.011	0.000000	0.000000	937.12	-831.73
1	FID	ACIS-I-5	7.24	761	-0.059	0.035	0.007	0.012	0.000000	0.000000	-1809.87	1064.73
2	FID	ACIS-I-6	7.26	762	-0.011	-0.025	0.007	0.010	0.000000	0.000000	400.49	1711.47
3	GUIDE	597438320	8.22	1523	-0.034	0.019	0.068	0.106	211.341099	76.981655	2343.57	-544.21
4	GUIDE	597439920	9.59	1521	-0.071	-0.054	0.088	0.146	209.143674	77.025210	681.92	-1195.11
5	GUIDE	597428256	9.50	1519	0.090	0.013	0.097	0.153	206.850716	77.153199	-1190.11	-1531.47
6	GUIDE	597438368	9.46	1523	0.092	0.033	0.094	0.159	206.113178	77.230798	-1842.47	-1501.74
7	GUIDE	597431888	9.69	1520	-0.079	-0.002	0.110	0.176	210.892076	76.832812	2262.16	-1189.32

2.4 Star Slots

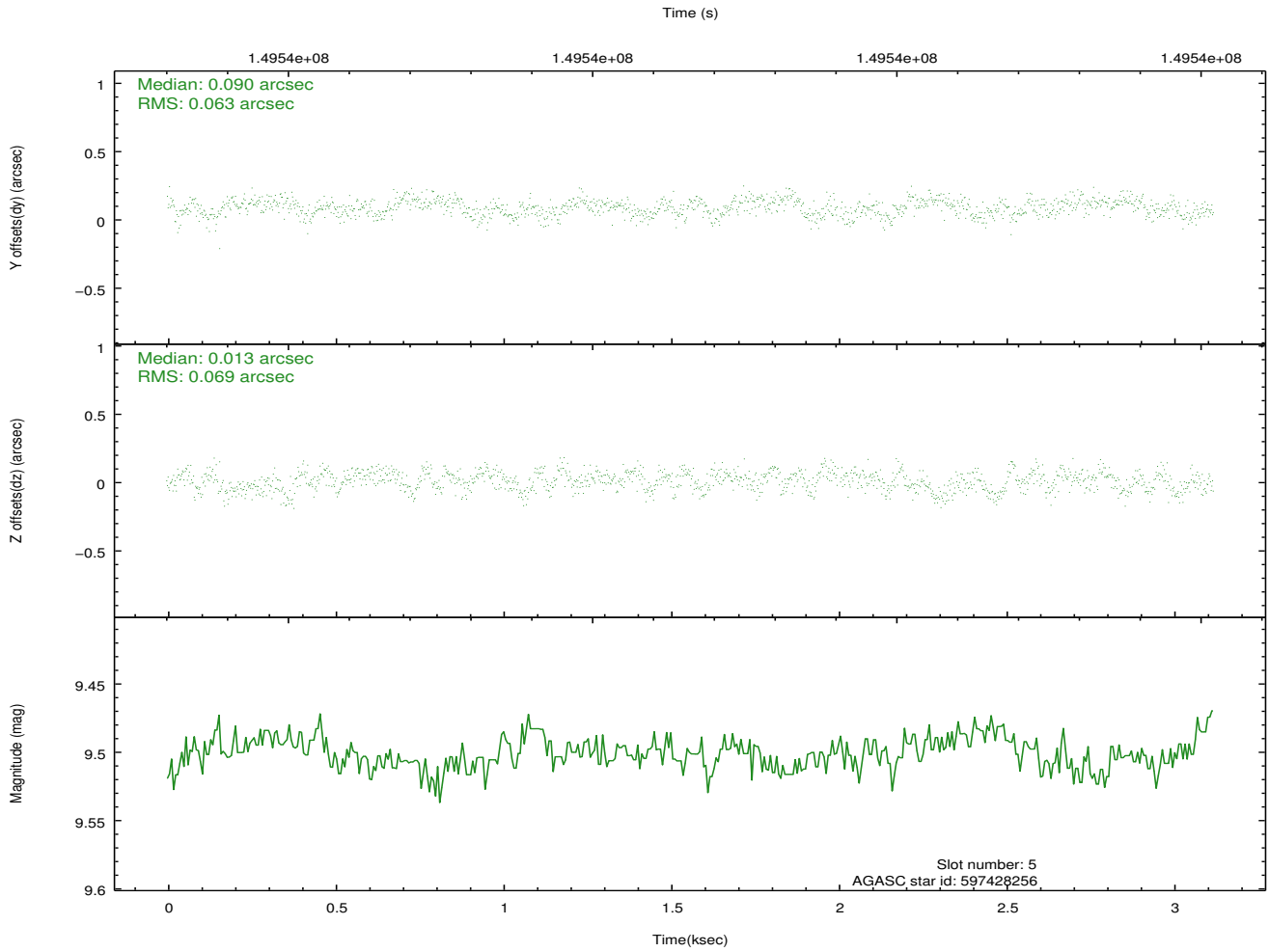
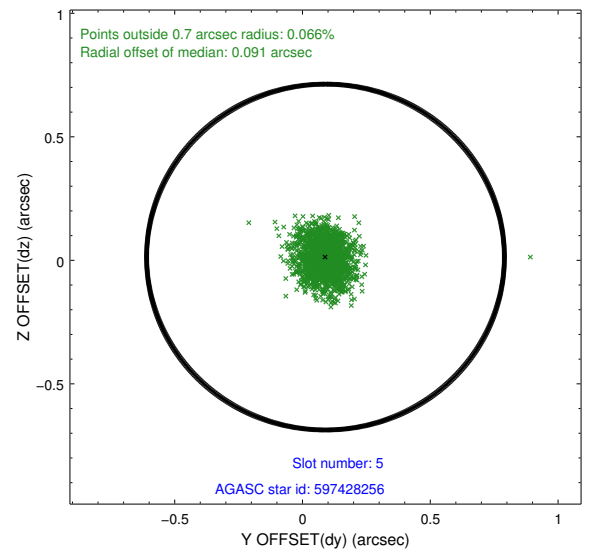
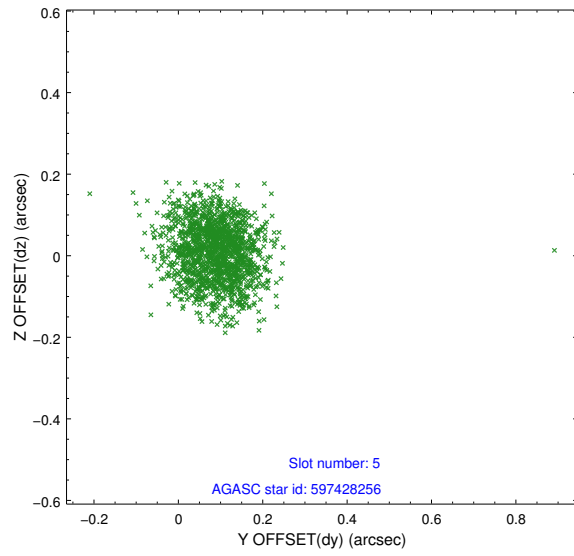
2.4.1 Slot 3



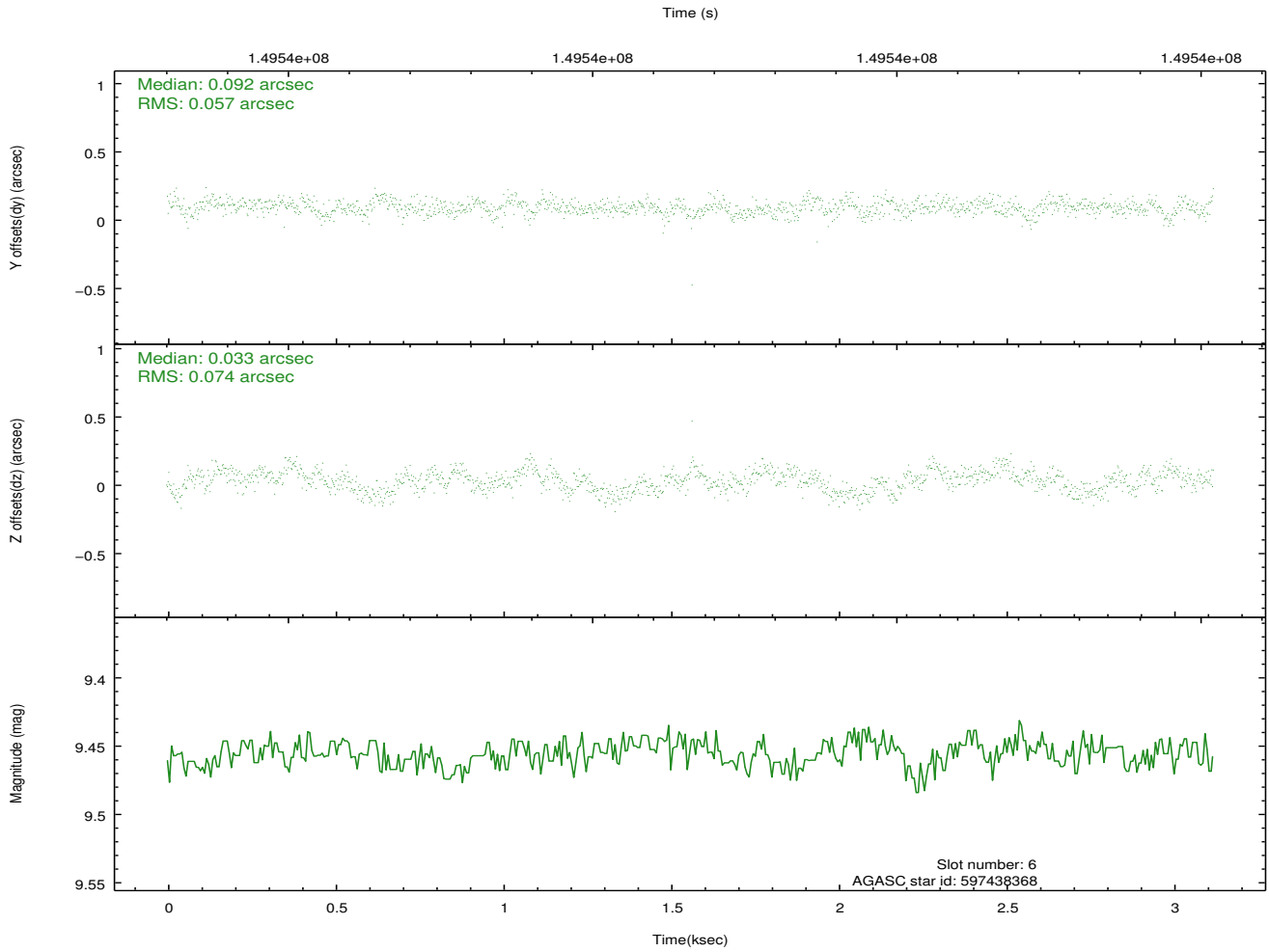
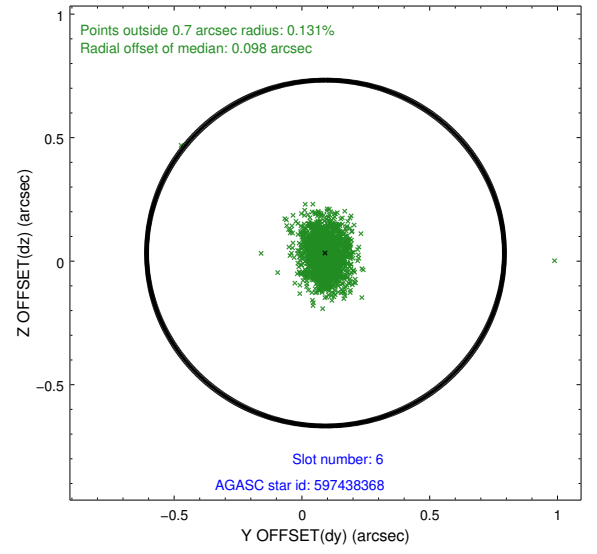
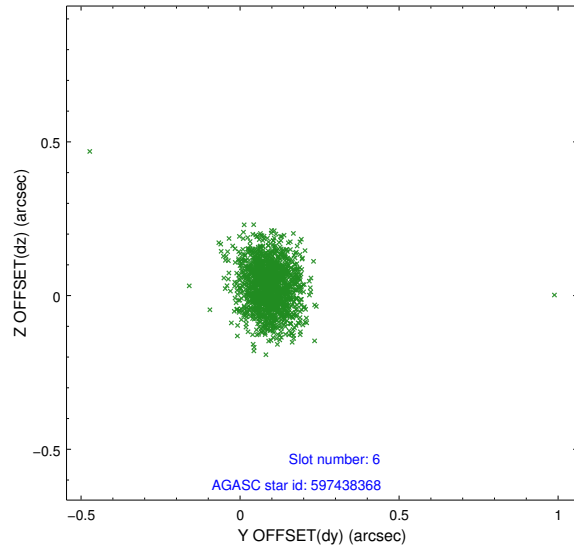
2.4.2 Slot 4



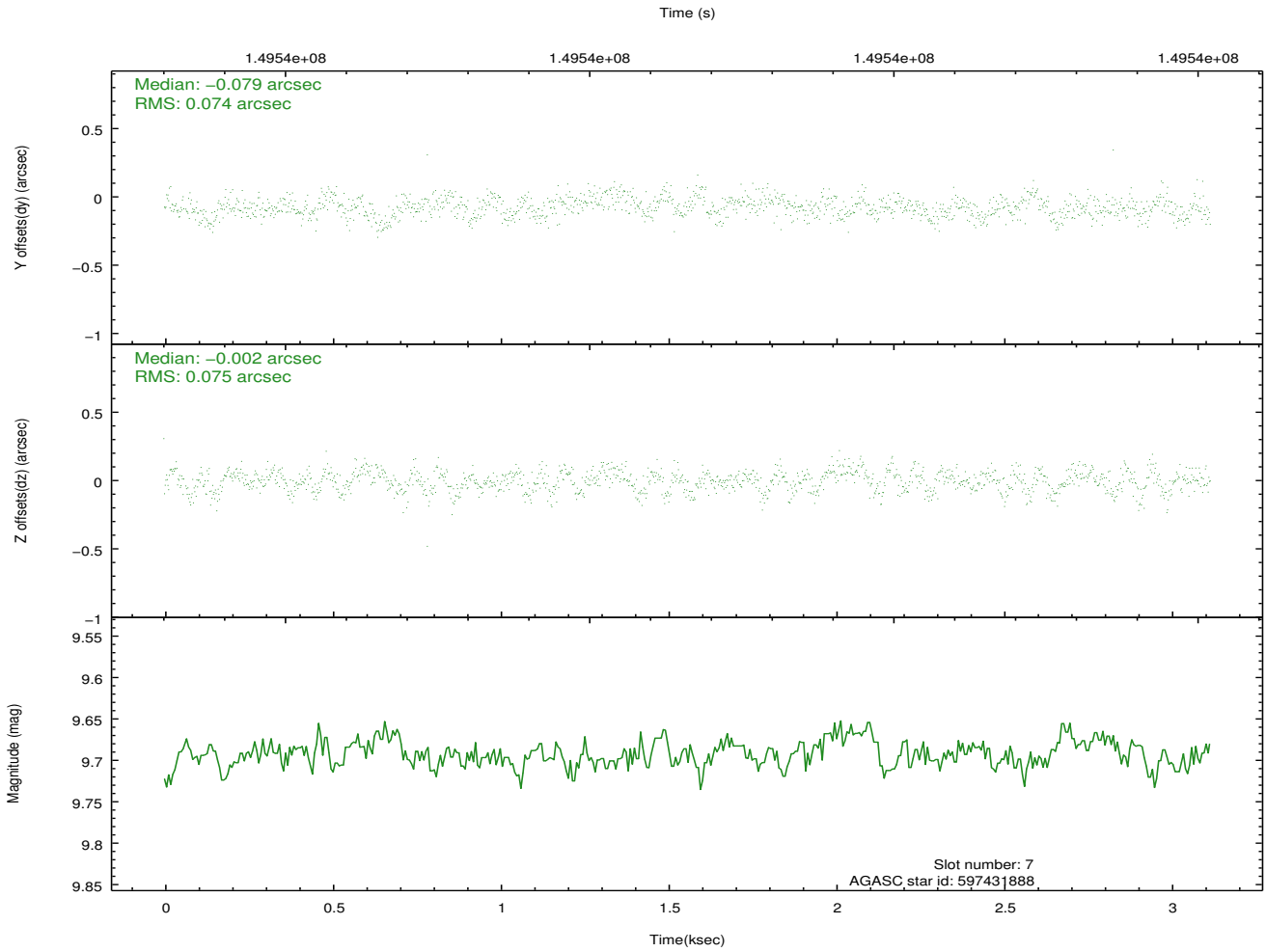
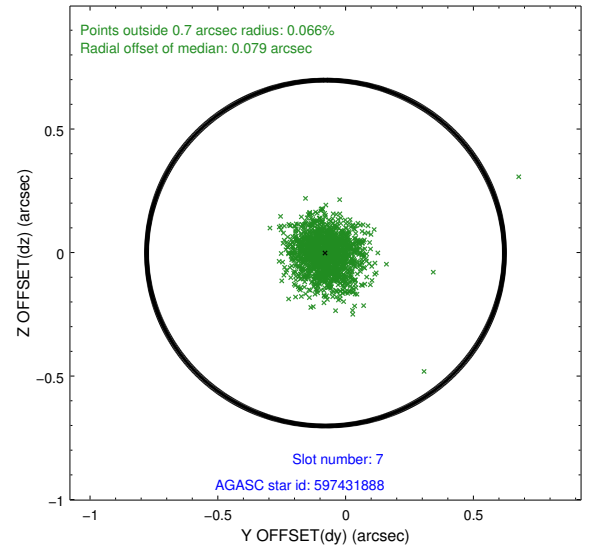
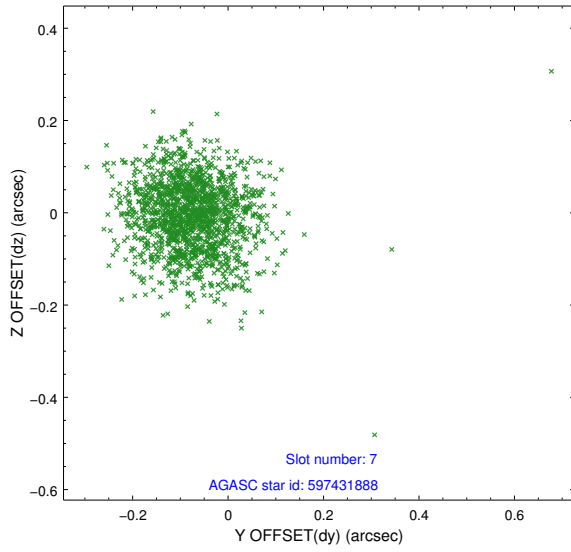
2.4.3 Slot 5



2.4.4 Slot 6

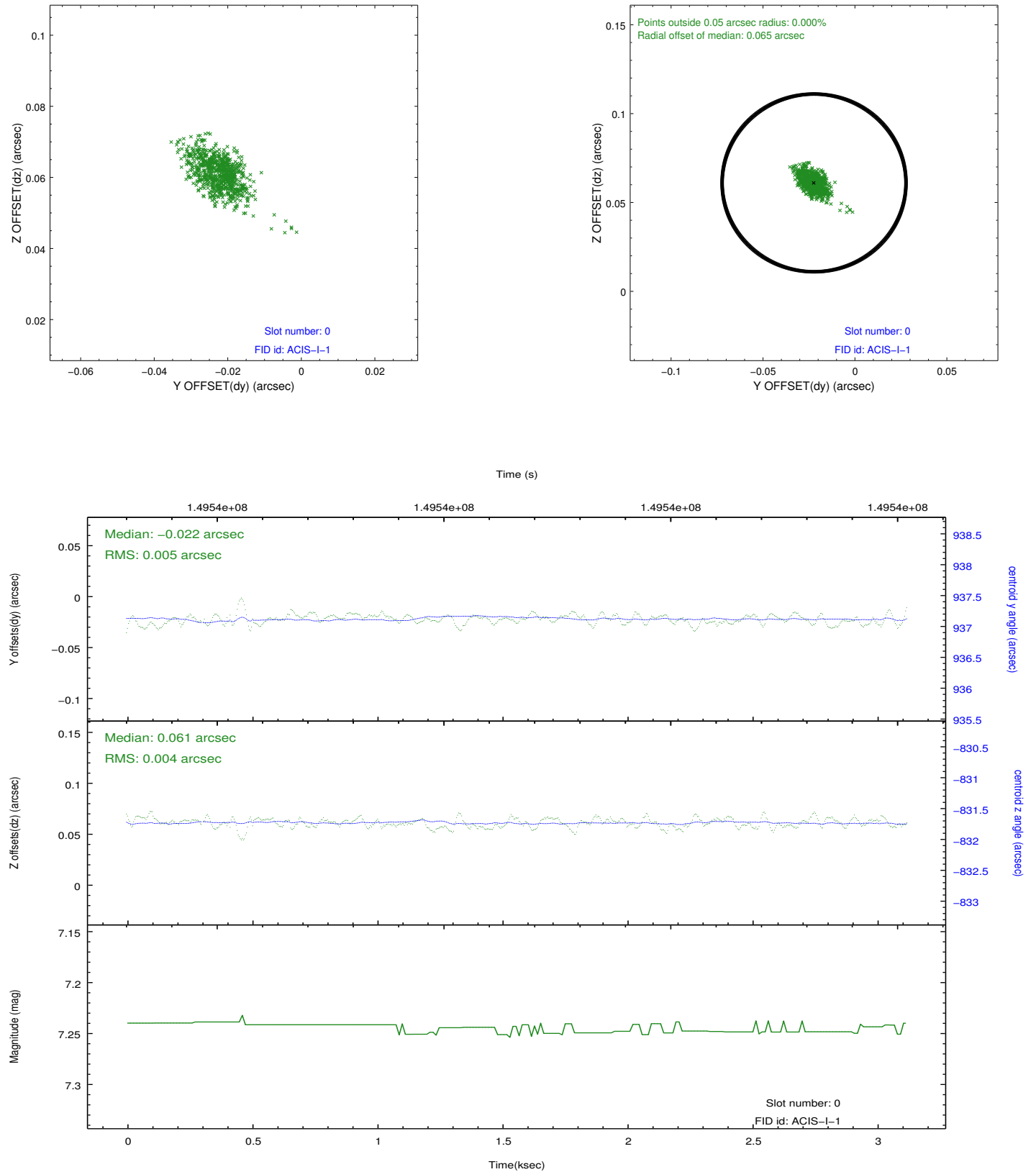


2.4.5 Slot 7

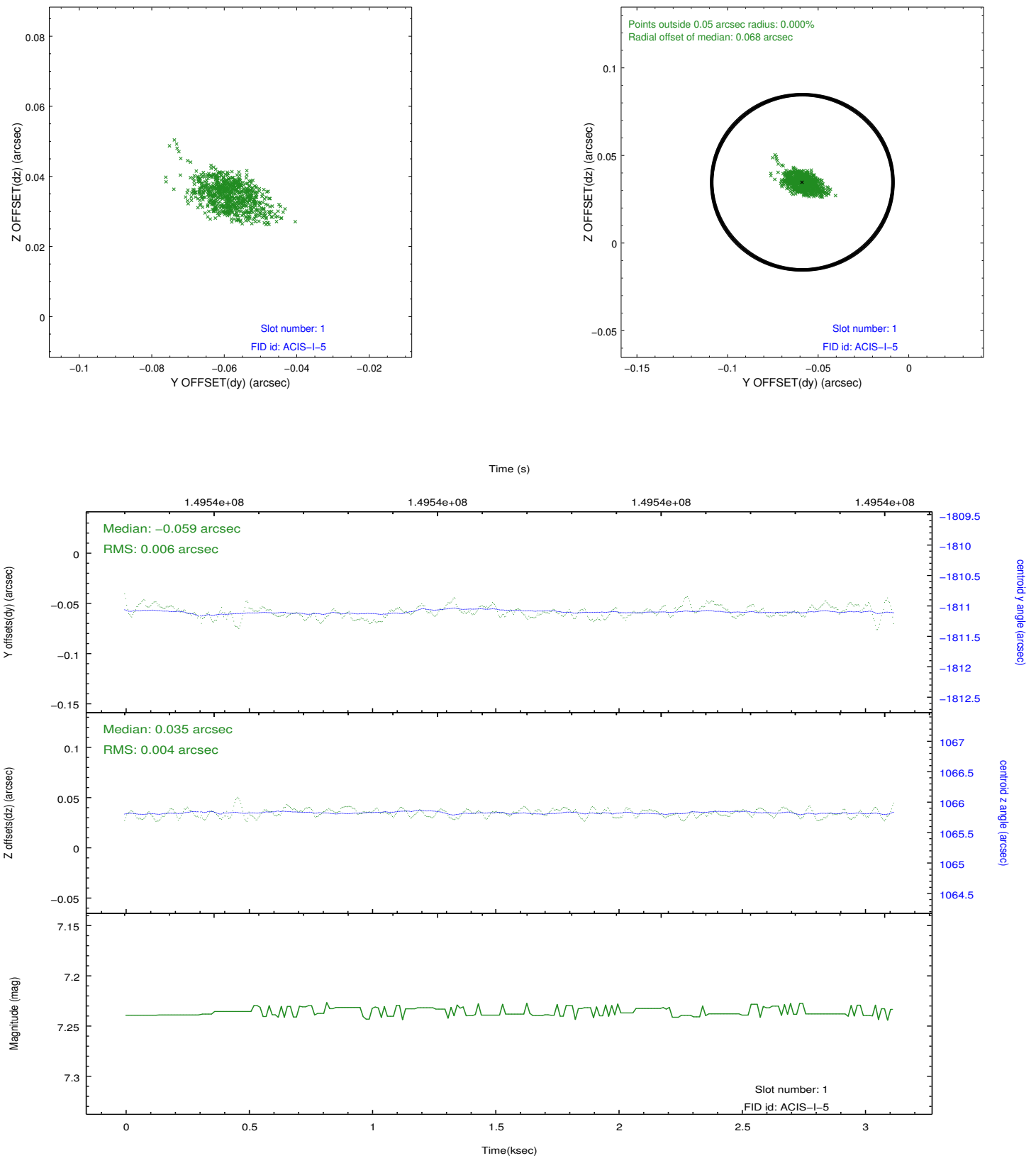


2.5 FID Slots

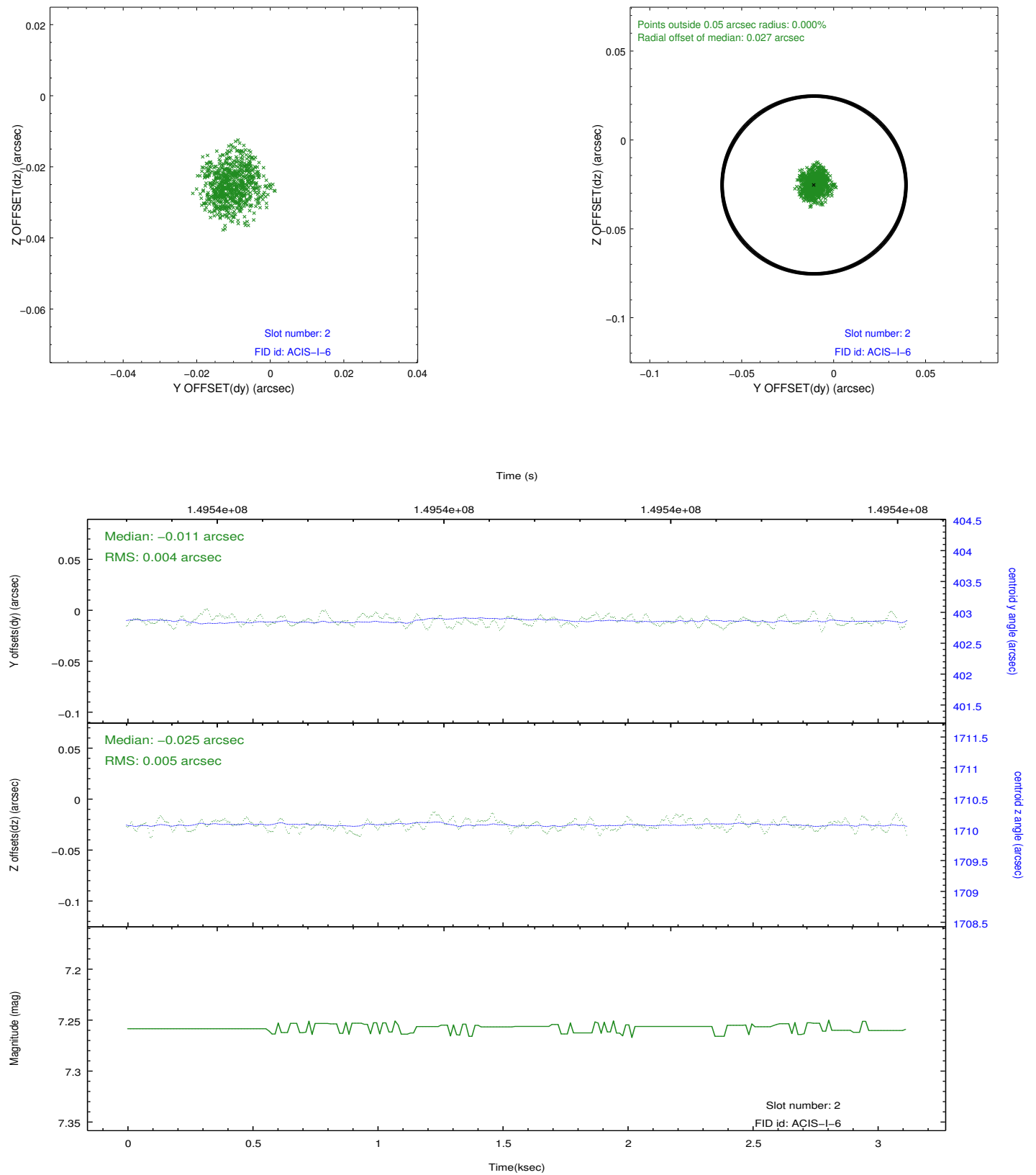
2.5.1 Slot 0



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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.863

A.2 Comments