

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9613 - L2 Version 2
Chandra X-Ray Center

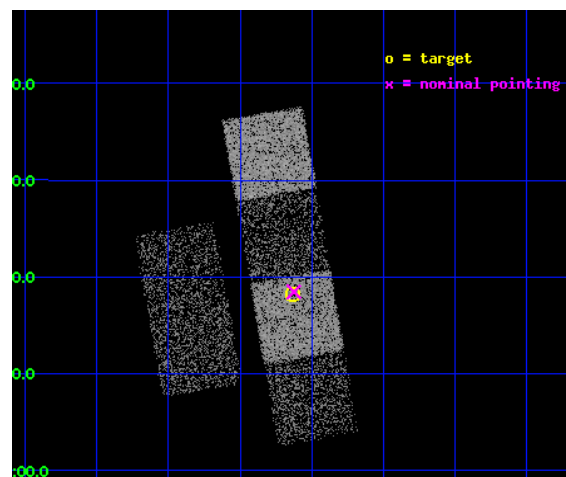
L2 Processing Date : May 10 2012

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1 Front

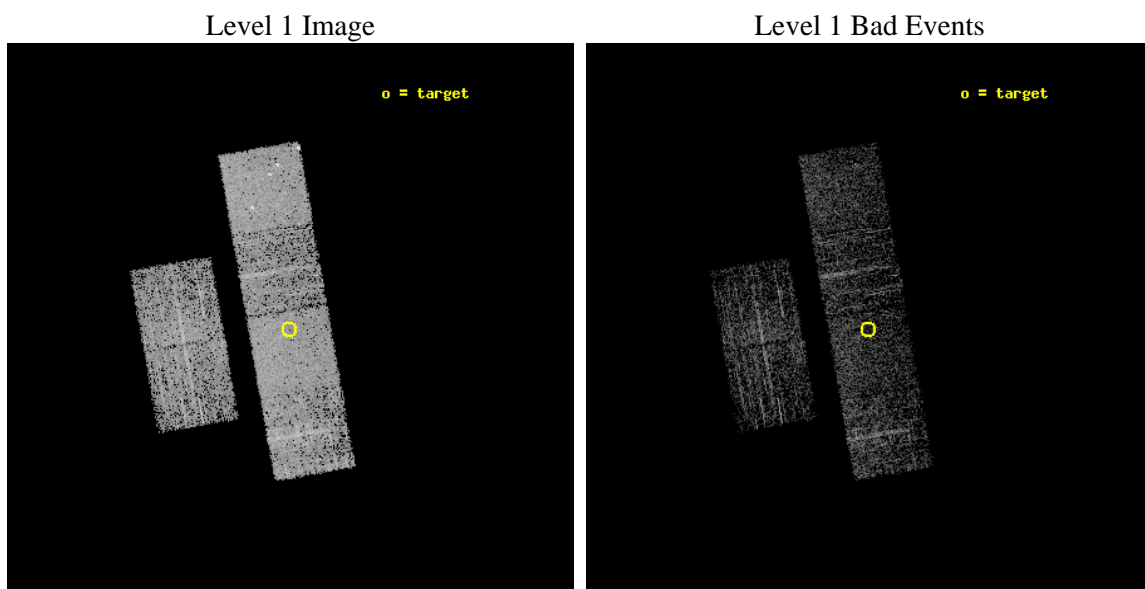
seq_num	900855	Sequence number
obs_id	9613	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J185608+0218	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	284.032917	Observer's specified target RA [deg]
dec_targ	2.303	Observer's specified target Dec [deg]
ra_nom	284.03113470611	Nominal RA [deg]
dec_nom	2.3075897210376	Nominal Dec [deg]
roll_nom	80.050348457607	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1423.9999947548	Sum of GTIs [s]
livetime	1405.9684493914	Livetime [s]
ontime2	1423.9999947548	Sum of GTIs [s]
ontime3	1420.7590144873	Sum of GTIs [s]
ontime5	1423.9999947548	Sum of GTIs [s]
ontime6	1423.9999947548	Sum of GTIs [s]
ontime7	1423.9999947548	Sum of GTIs [s]
ontime8	1423.9999947548	Sum of GTIs [s]
l2events	23624	Number of level 2 events



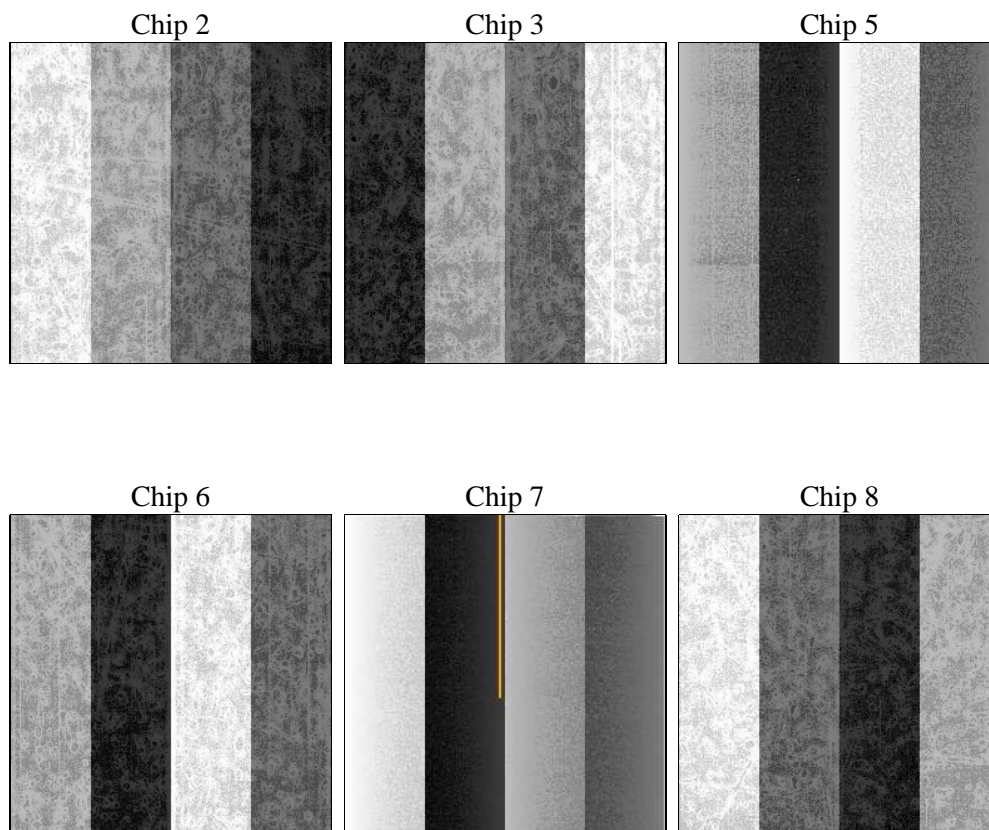
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1423.9999947548	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1423.9999947548	Sum of GTIs [s]
date	2012-05-10T21:27:43	Date and time of file creation	ontime3	1420.7590144873	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1423.9999947548	Sum of GTIs [s]
			ontime6	1423.9999947548	Sum of GTIs [s]
			ontime7	1423.9999947548	Sum of GTIs [s]
			ontime8	1423.9999947548	Sum of GTIs [s]
			l1events	135685	Number of level 1 events

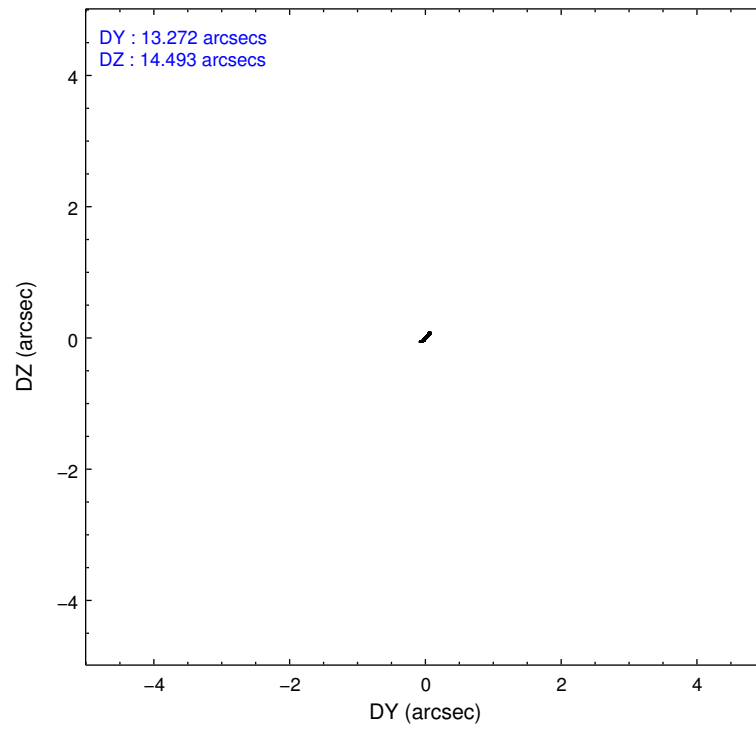
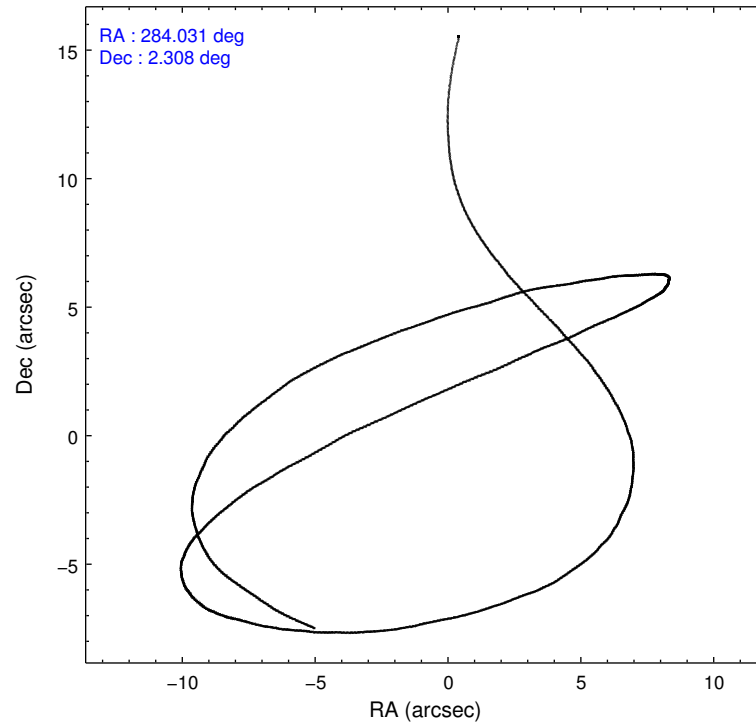
2.1.4 Events

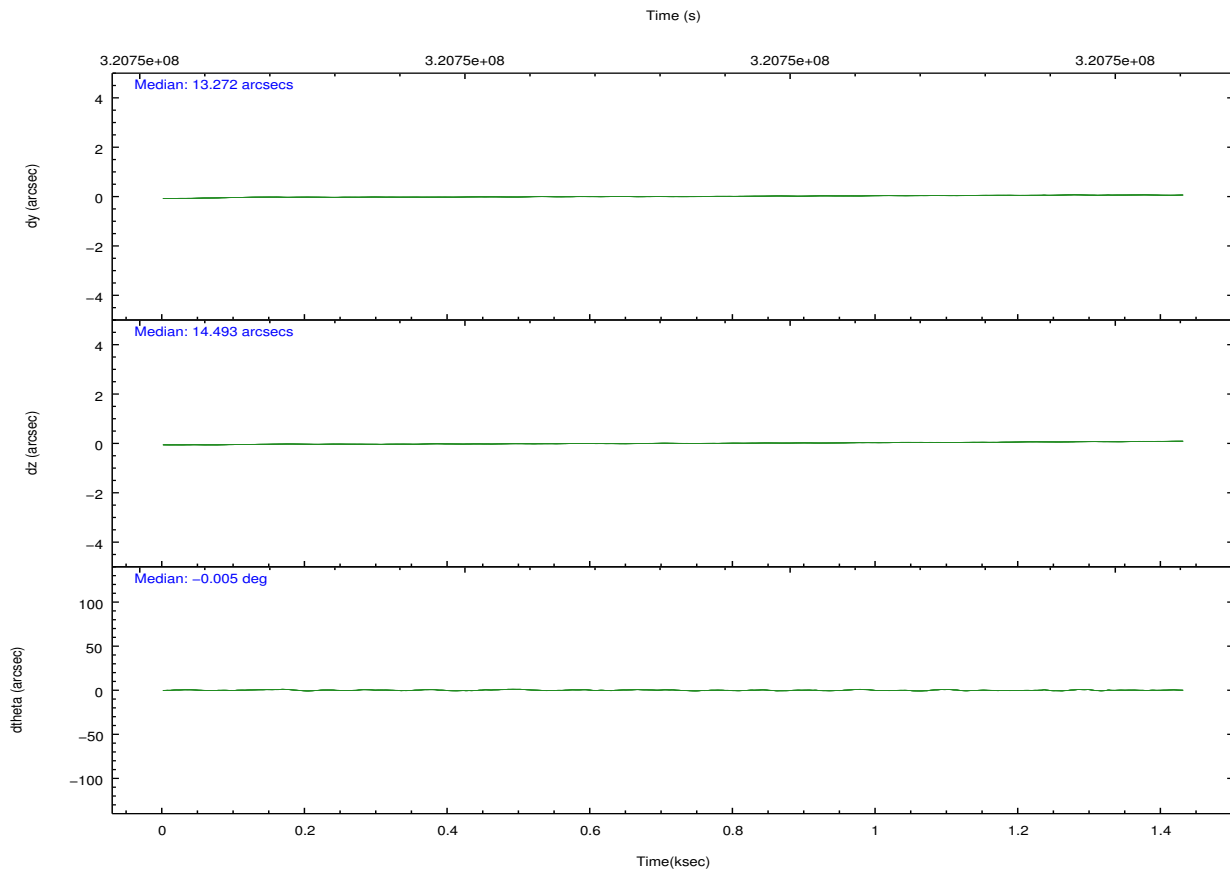
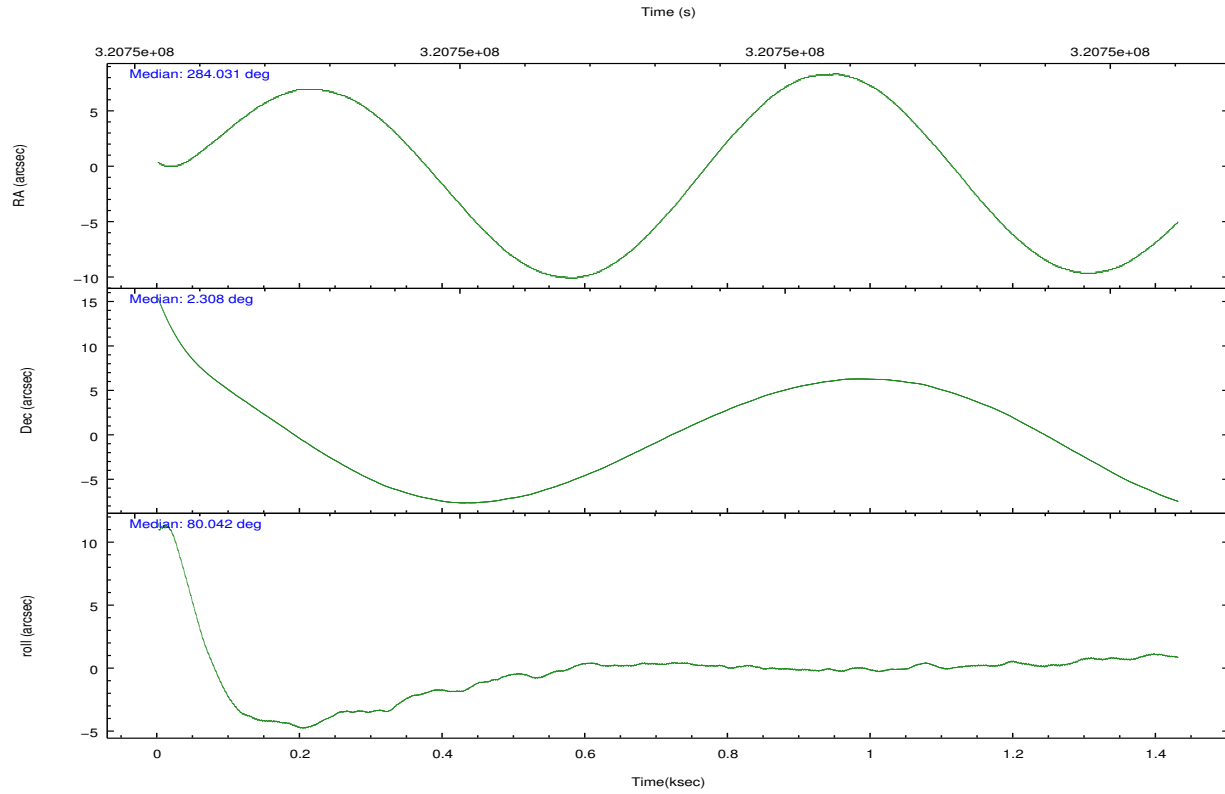
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18524	18155	30074	18276	26522	24134	grade 0 events	1047	1155	2026	1050	1031	1864
rejected events	16807	16325	19352	16503	18272	19768		5%	6%	6%	5%	3%	7%
rejected %	90%	89%	64%	90%	68%	81%	grade 1 events	15	17	55	12	35	27
								0%	0%	0%	0%	0%	0%
							grade 2 events	474	474	4568	520	2371	1307
								2%	2%	15%	2%	8%	5%
							grade 3 events	223	223	440	219	998	651
								1%	1%	1%	1%	3%	2%
							grade 4 events	221	223	452	218	976	581
								1%	1%	1%	1%	3%	2%
							grade 5 events	772	904	2035	858	2462	1158
								4%	4%	6%	4%	9%	4%
							grade 6 events	396	414	7104	469	5950	1482
								2%	2%	23%	2%	22%	6%
							grade 7 events	15376	14745	13394	14930	12699	17064
								83%	81%	44%	81%	47%	70%

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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	284.040858	284.031134706113	CCD I2 on	O2	Y
[deg] Pointing Dec	2.281948	2.307589721037578	CCD I3 on	O3	Y
[deg] Pointing Roll	79.893227	80.05034845760653	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	O4	Y
[s] Observation start time (MET)	320745731.184000	320744423.11815	CCD S5 on	N	N
Observation start date	2008-03-01T08:01:06	2008-03-01T07:40:23	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	320747031.184000	320747482.2308	On-chip summing requested	N	N
Observation end date	2008-03-01T08:22:46	2008-03-01T08:31:22	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



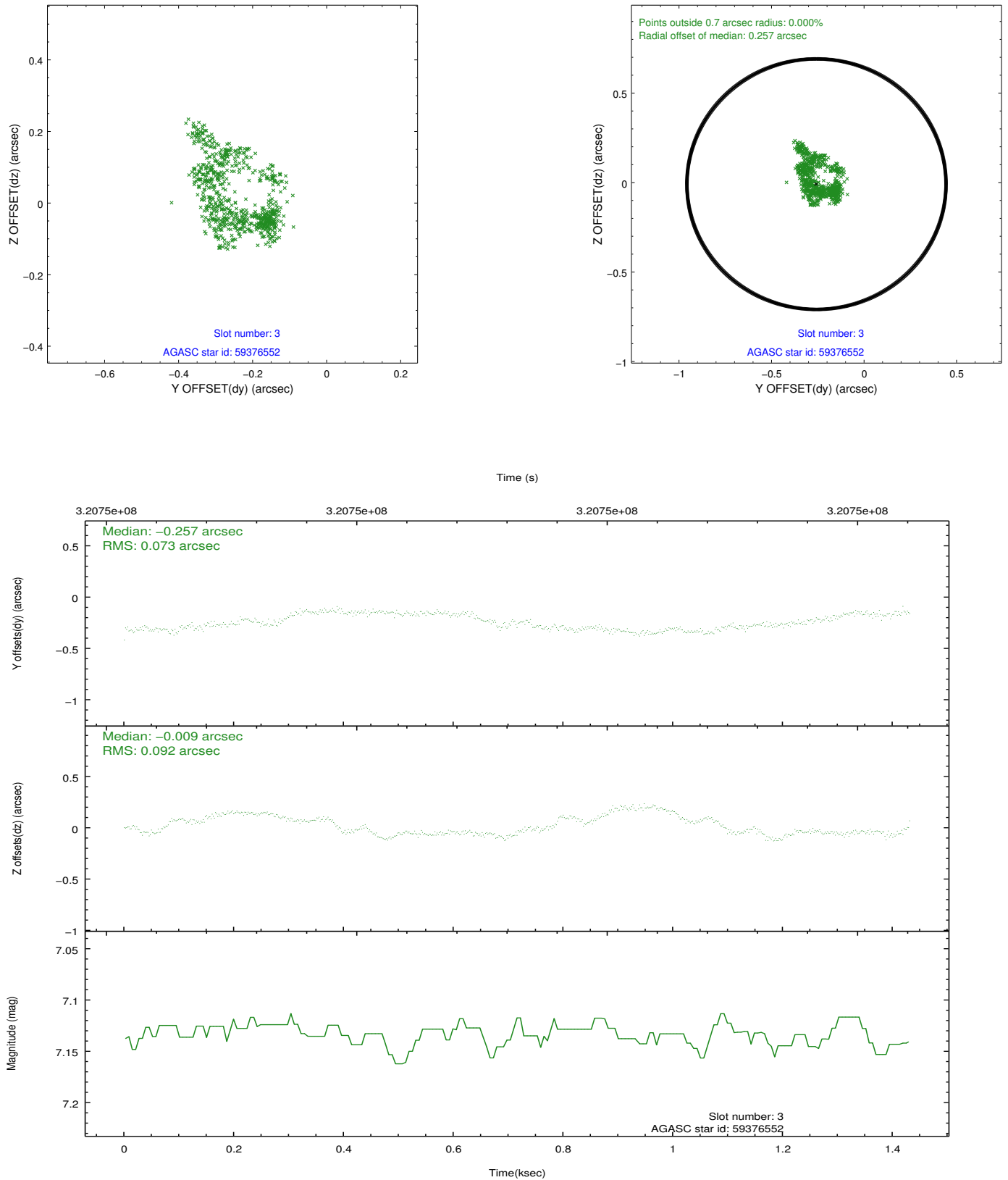


Slot Statistics

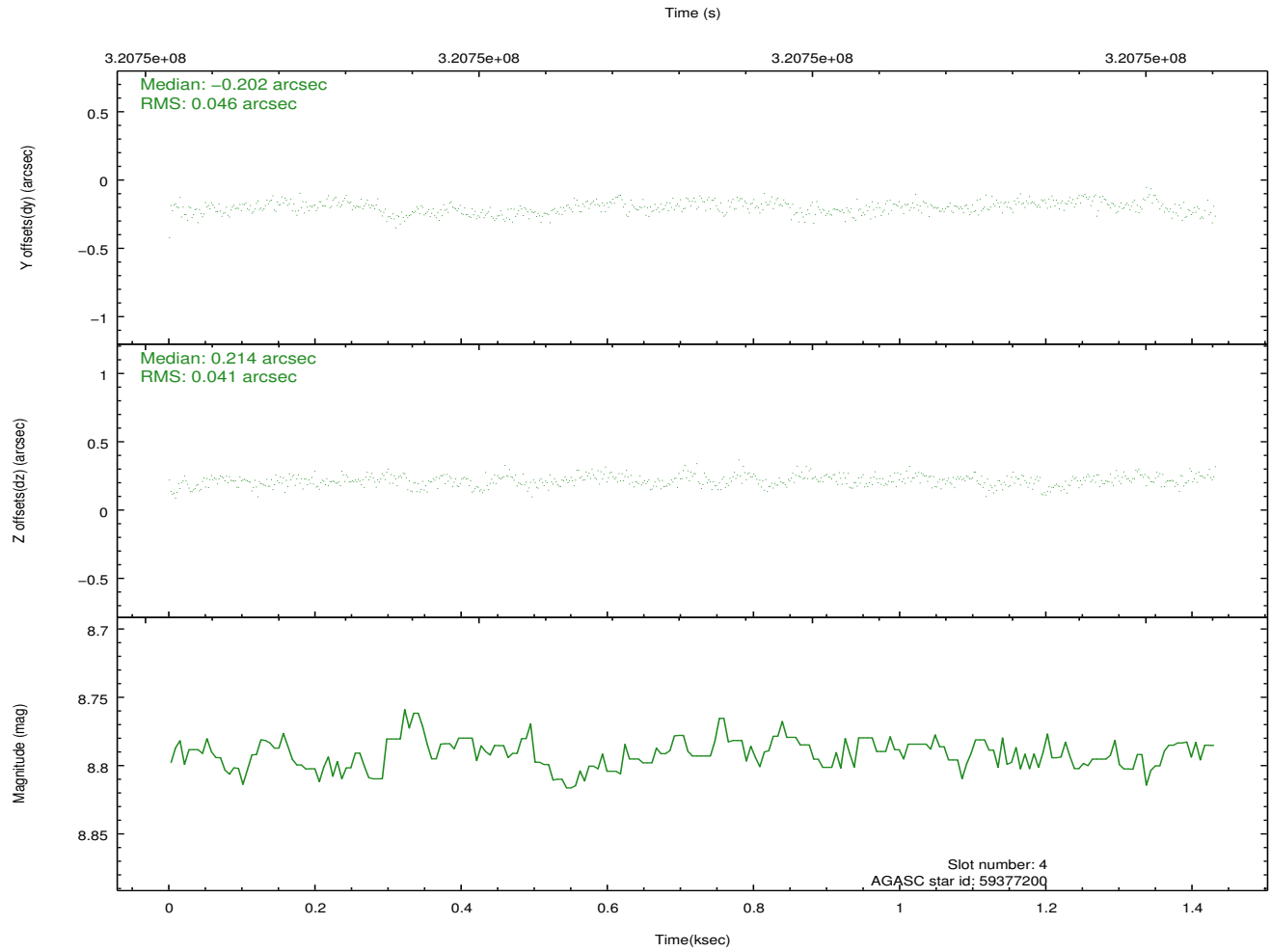
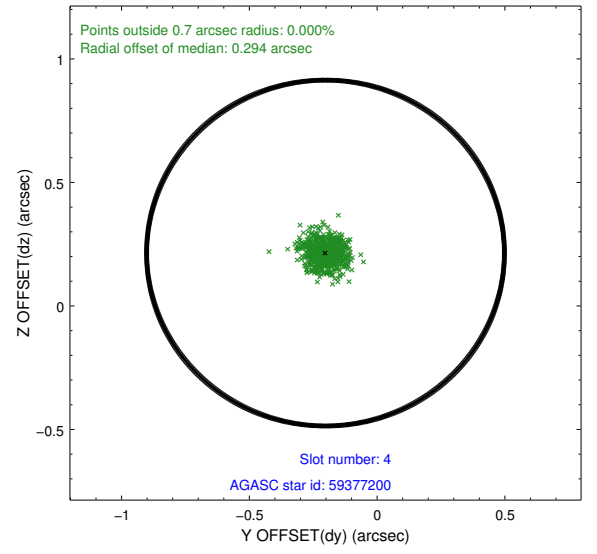
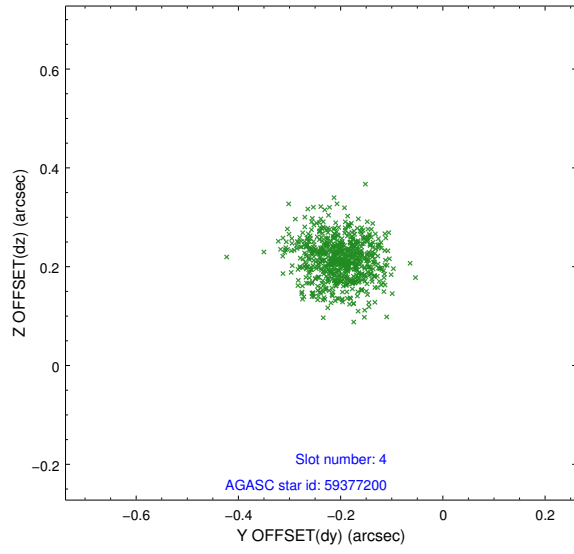
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	349	-0.049	-0.042	0.007	0.011	0.000000	0.000000	-766.23	-1735.87
1	FID	ACIS-S-4	7.19	349	0.166	0.035	0.006	0.011	0.000000	0.000000	2145.12	167.92
2	FID	ACIS-S-5	7.22	350	-0.147	0.016	0.007	0.012	0.000000	0.000000	-1813.26	166.80
3	GUIDE	59376552	7.13	698	-0.257	-0.009	0.124	0.205	284.421699	2.701942	1728.85	-1082.32
4	GUIDE	59377200	8.79	698	-0.202	0.214	0.068	0.108	284.692162	2.481077	1119.86	-2181.10
5	GUIDE	58851592	8.04	699	0.216	-0.203	0.082	0.137	283.282615	1.755471	-2342.65	2350.36
6	GUIDE	59376240	7.25	699	0.077	-0.217	0.067	0.120	283.651753	1.887471	-1647.17	1132.39
7	GUIDE	59376080	9.12	698	0.160	0.182	0.115	0.177	284.651749	1.918668	-903.39	-2391.30

2.4 Star Slots

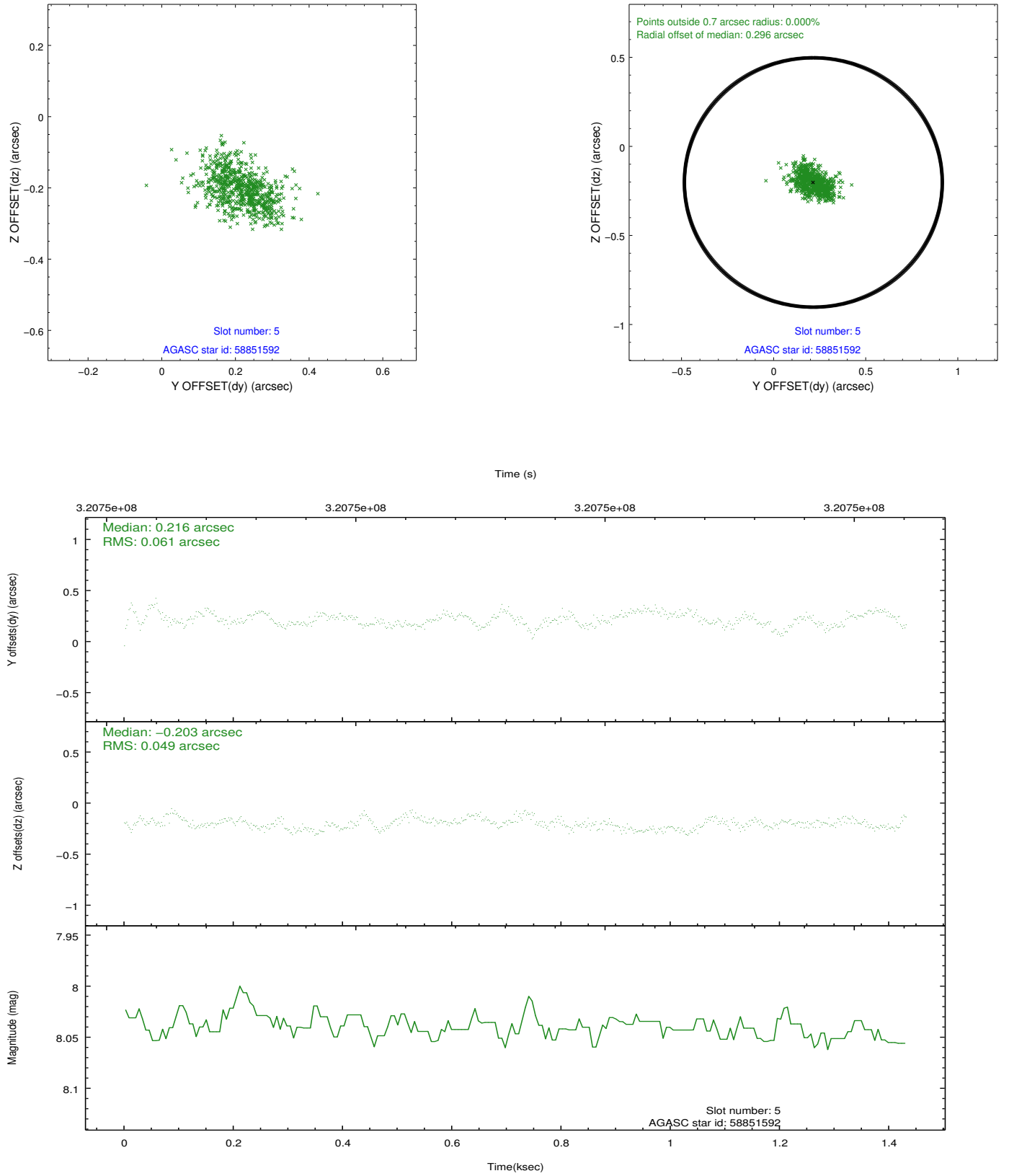
2.4.1 Slot 3



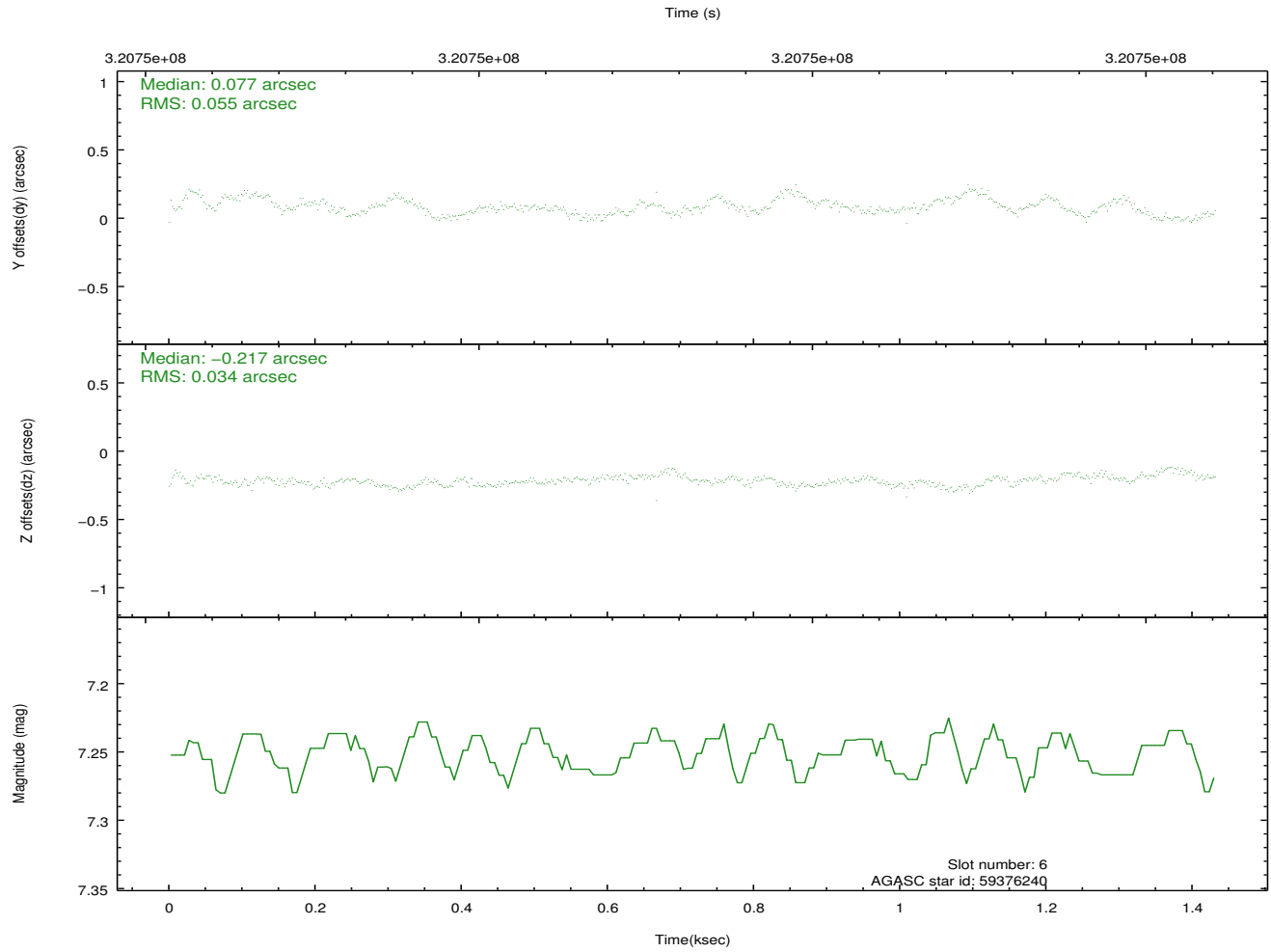
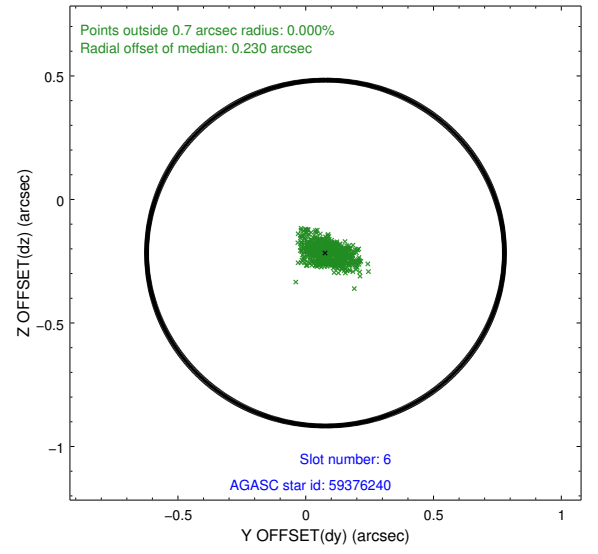
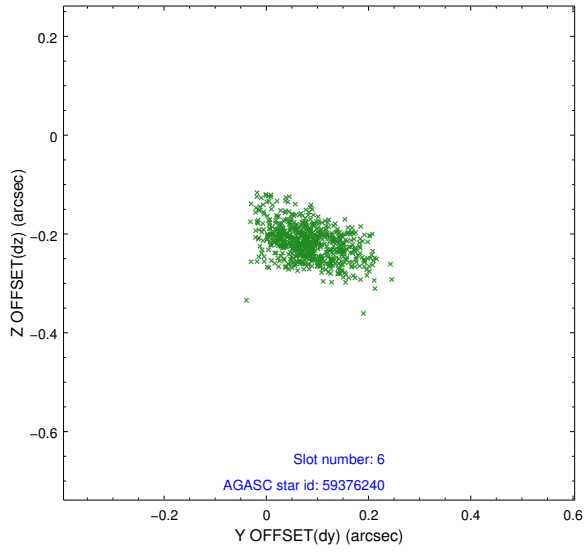
2.4.2 Slot 4



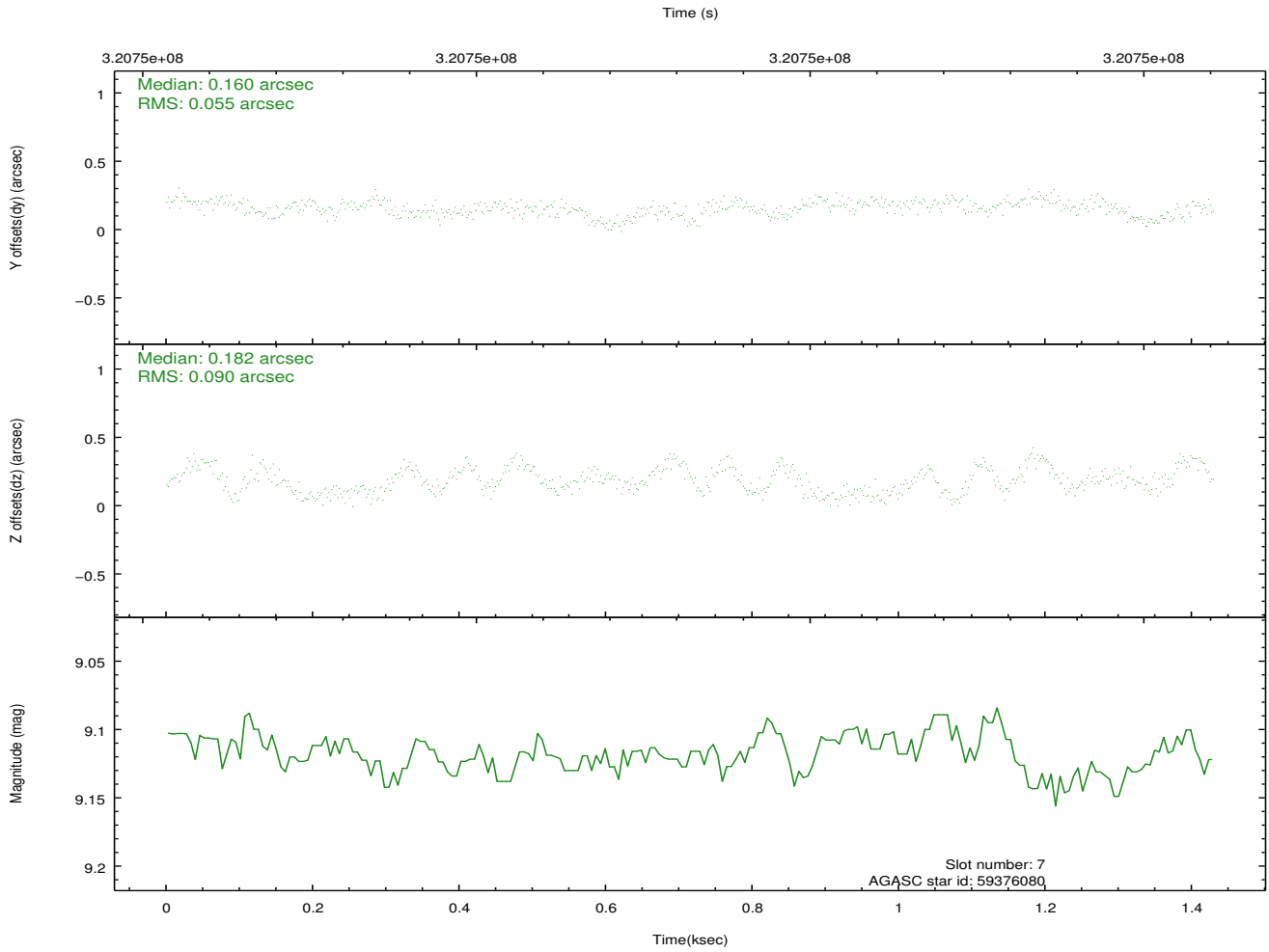
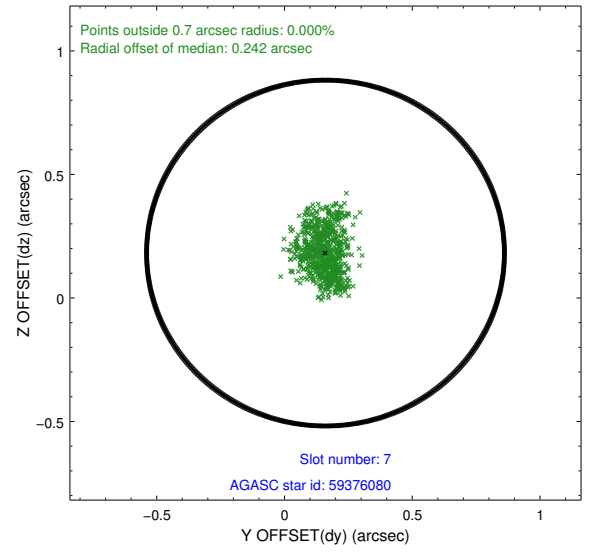
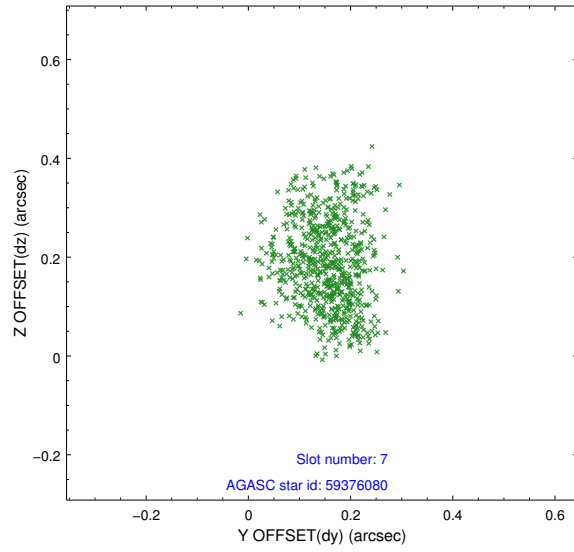
2.4.3 Slot 5



2.4.4 Slot 6

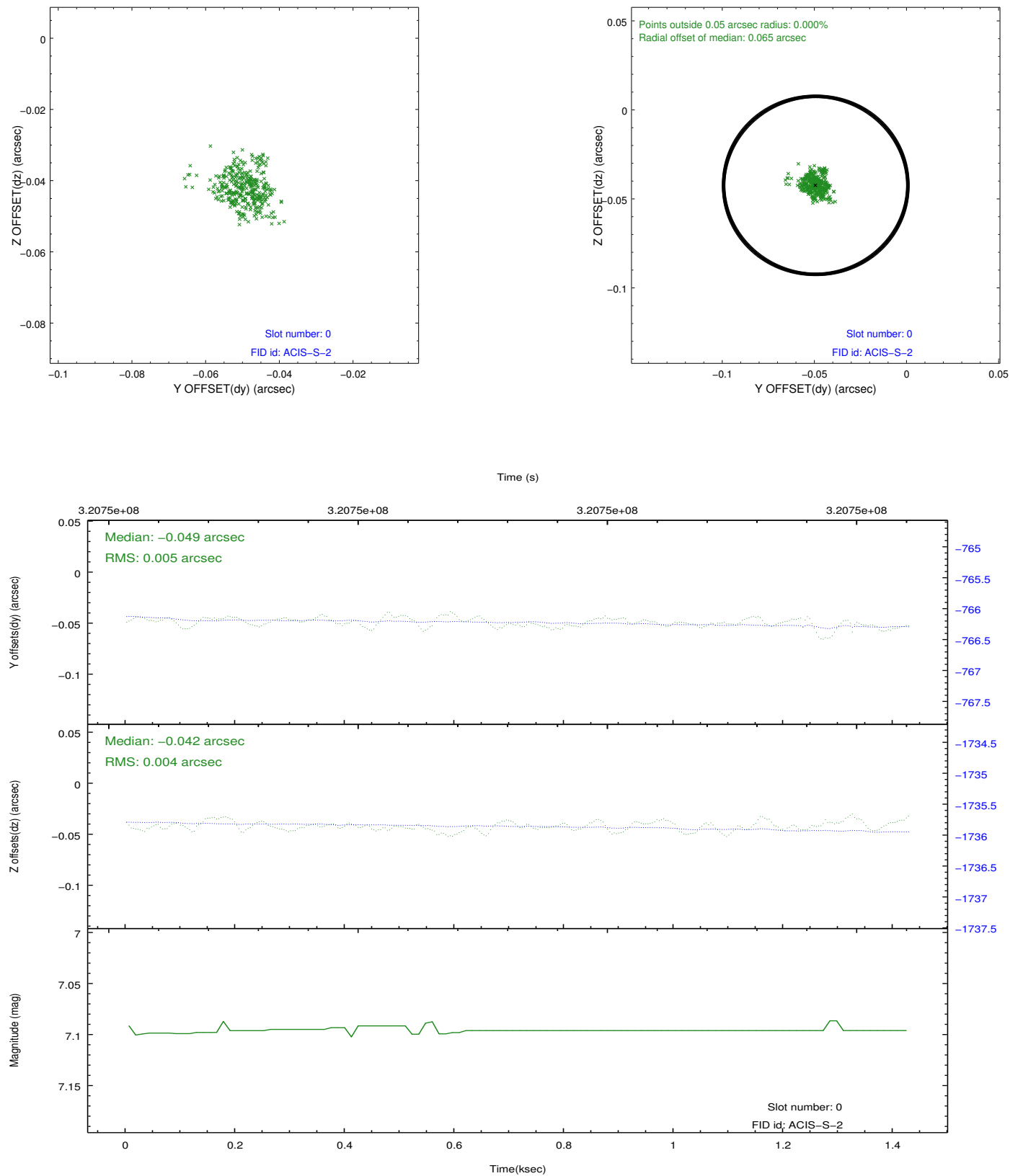


2.4.5 Slot 7

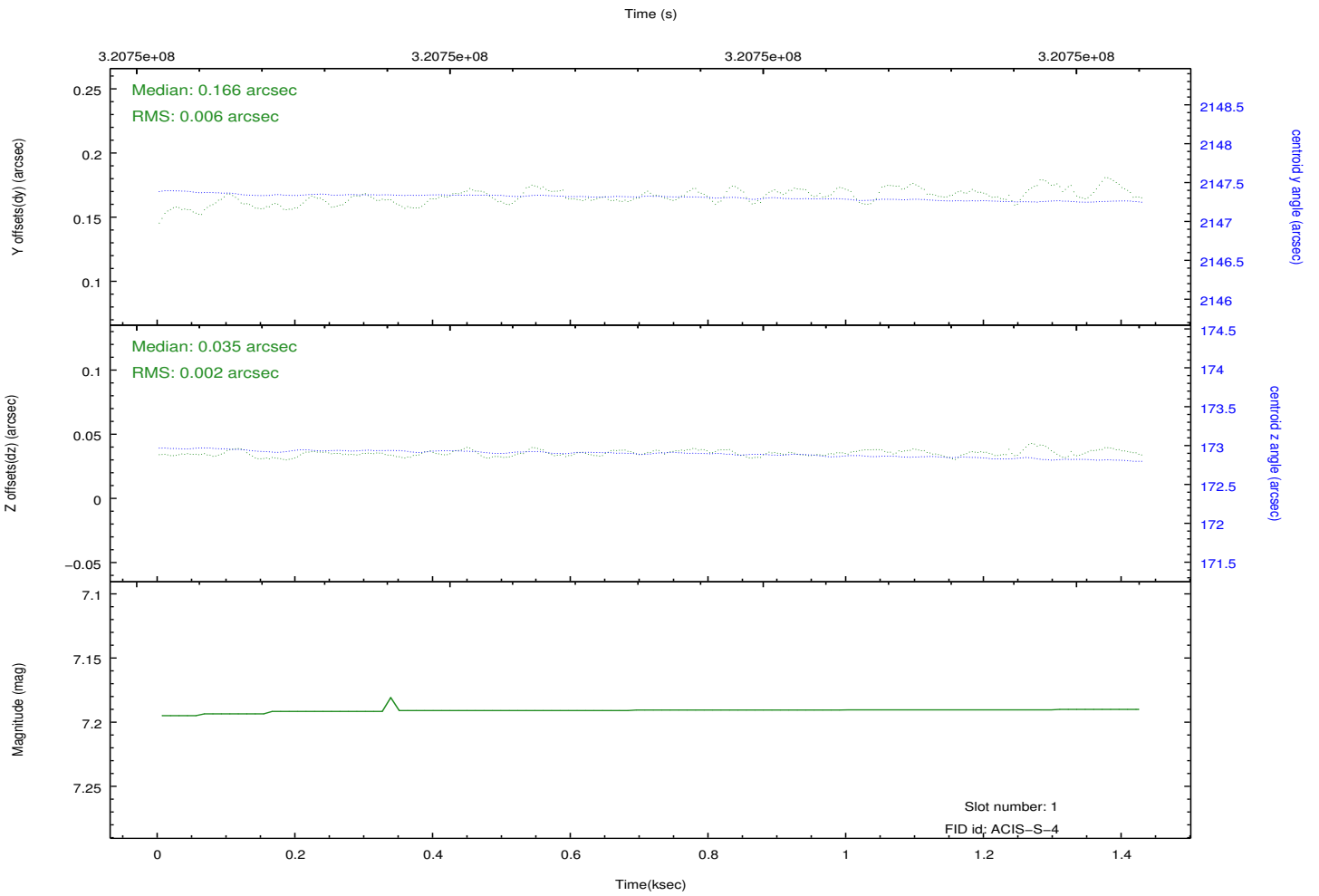
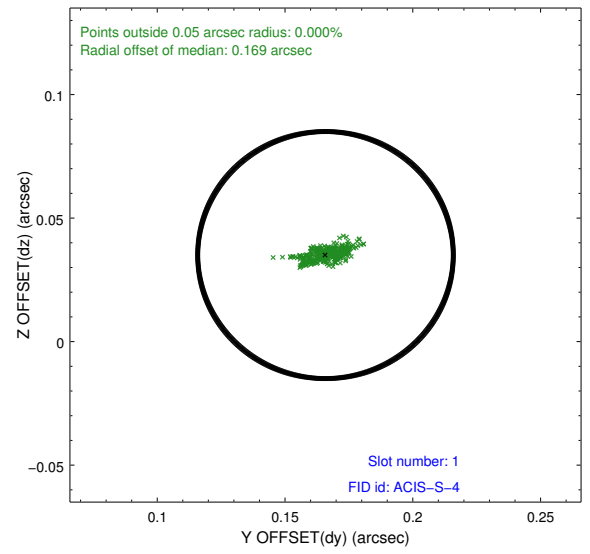
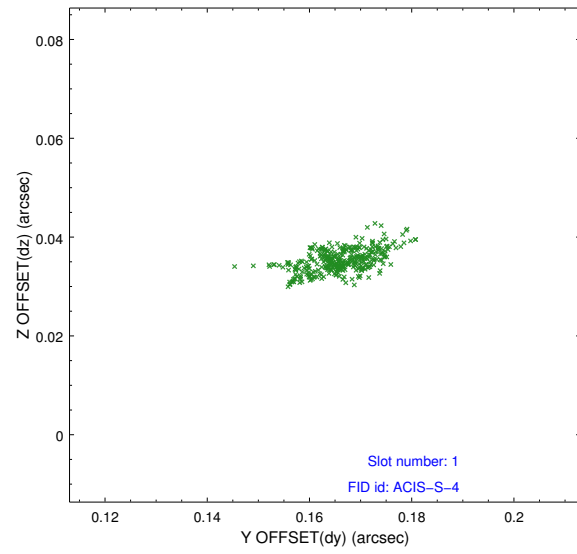


2.5 FID Slots

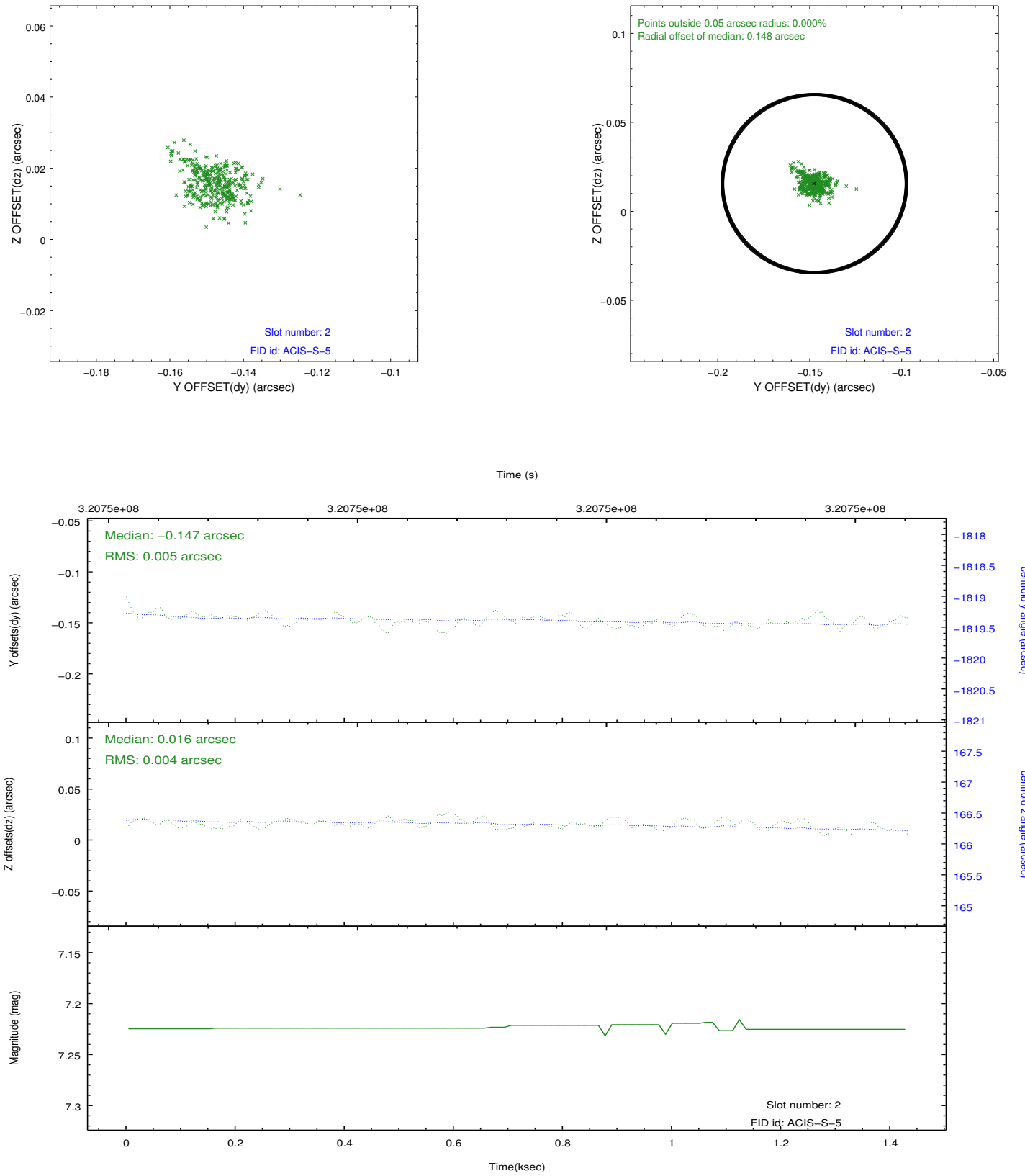
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.42399999

A.2 Comments