

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5647 - L2 Version 2
Chandra X-Ray Center

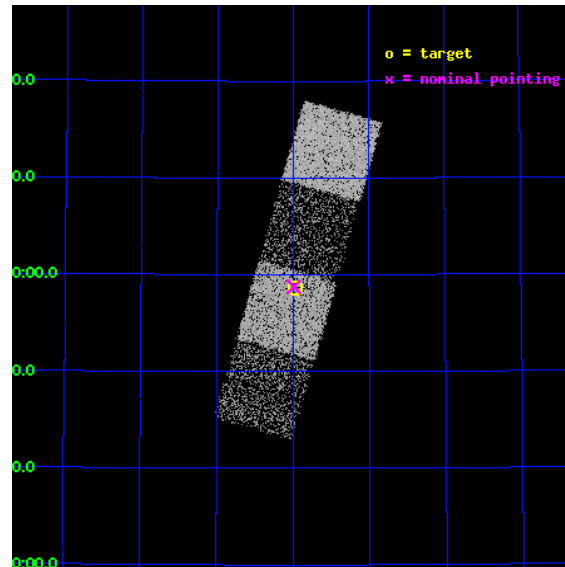
L2 Processing Date : Mar 28 2012

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1 Front

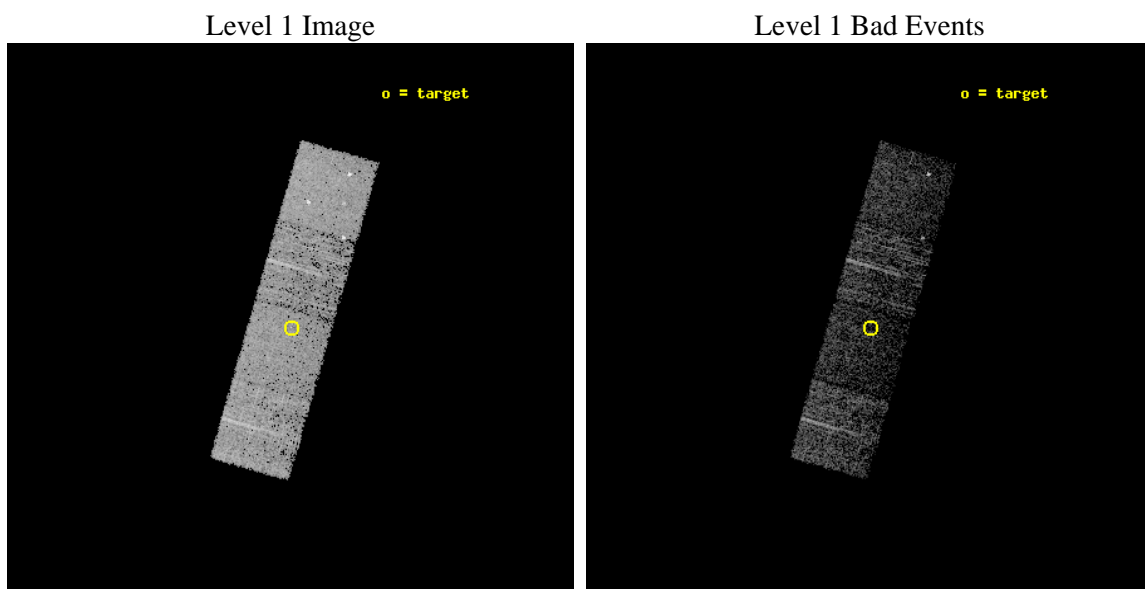
seq_num	701070	Sequence number
obs_id	5647	Observation id
title	The Spectral Energy Distribution and Fe II Emission in Intermediate-Redshift Narrow-line Seyfert 1 Galaxies	Proposal title
observer	Dr. Karen Leighly	Principal investigator
object	SDSS J172958.76+575838.4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	262.495	Observer's specified target RA [deg]
dec_targ	57.977333	Observer's specified target Dec [deg]
ra_nom	262.49730947029	Nominal RA [deg]
dec_nom	57.979113603452	Nominal Dec [deg]
roll_nom	106.02477174353	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2290.0743598044	Sum of GTIs [s]
livetime	2260.1528523653	Livetime [s]
ontime5	2290.0333198011	Sum of GTIs [s]
ontime6	2286.8512995243	Sum of GTIs [s]
ontime7	2290.0743598044	Sum of GTIs [s]
ontime8	2280.5281397402	Sum of GTIs [s]
l2events	22252	Number of level 2 events



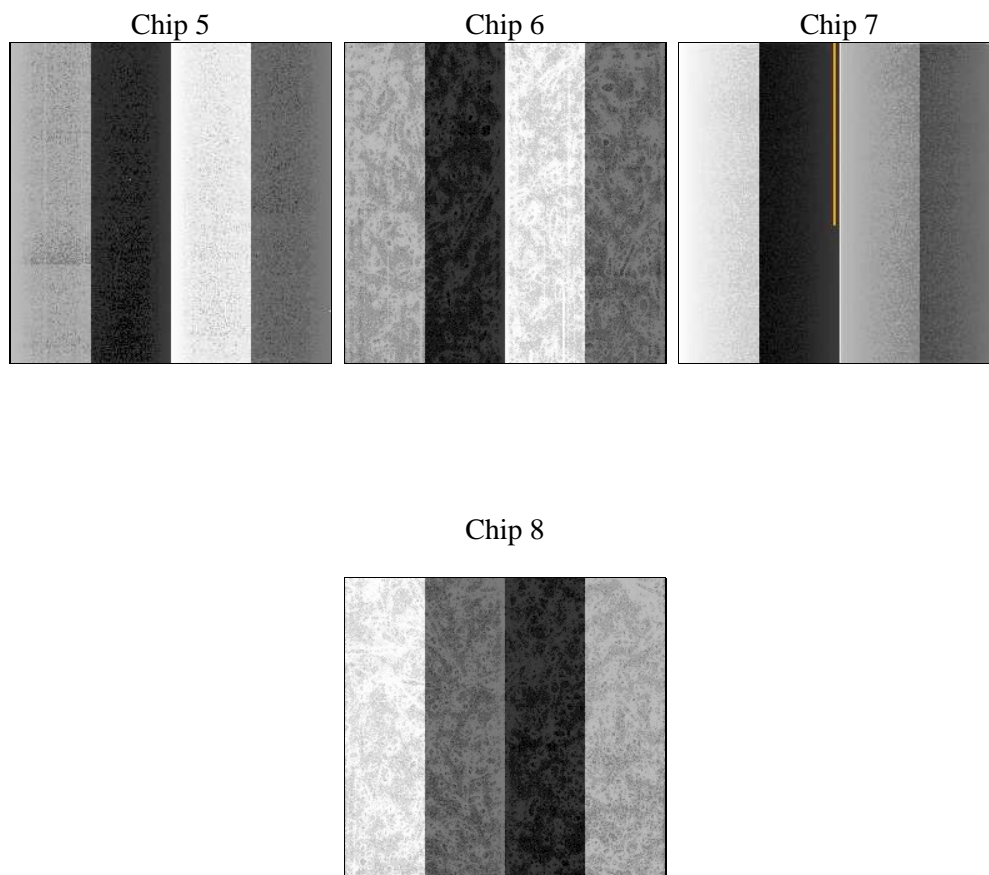
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	2500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	2290.0743598044	Sum of GTIs [s]
caldsver	4.4.8	 	ontime5	2290.0333198011	Sum of GTIs [s]
date	2012-03-28T23:51:48	Date and time of file creation	ontime6	2286.8512995243	Sum of GTIs [s]
revision	2	Processing version of data	ontime7	2290.0743598044	Sum of GTIs [s]
			ontime8	2280.5281397402	Sum of GTIs [s]
			l1events	83379	Number of level 1 events

2.1.4 Events

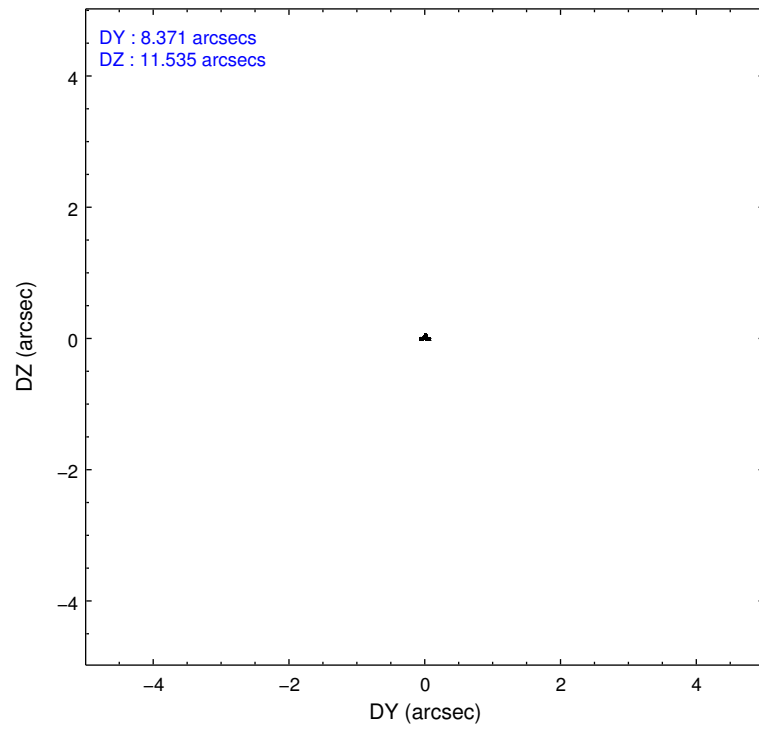
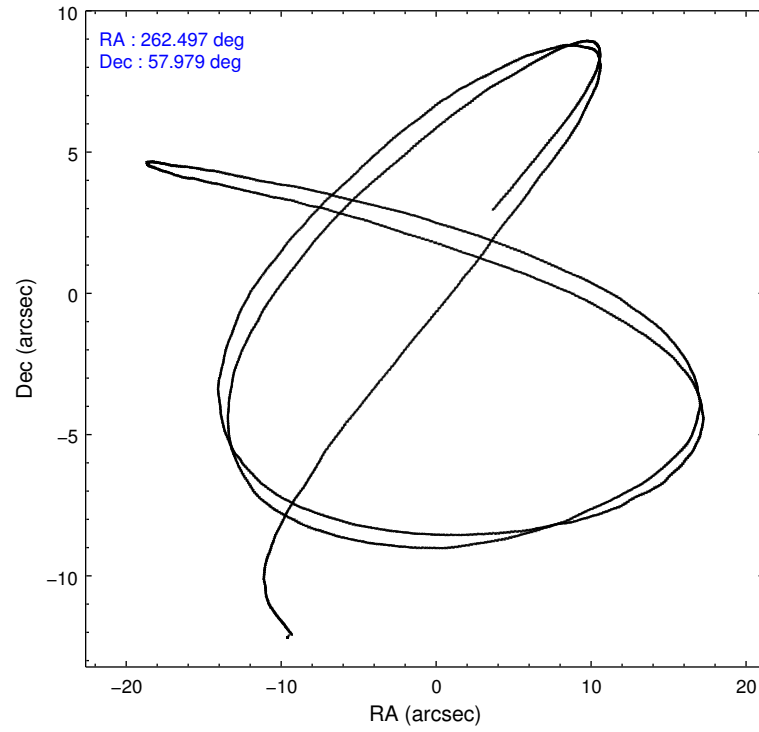
	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	24818	16953	18670	22938
rejected events	12304	15301	10176	18106
rejected %	49%	90%	54%	78%

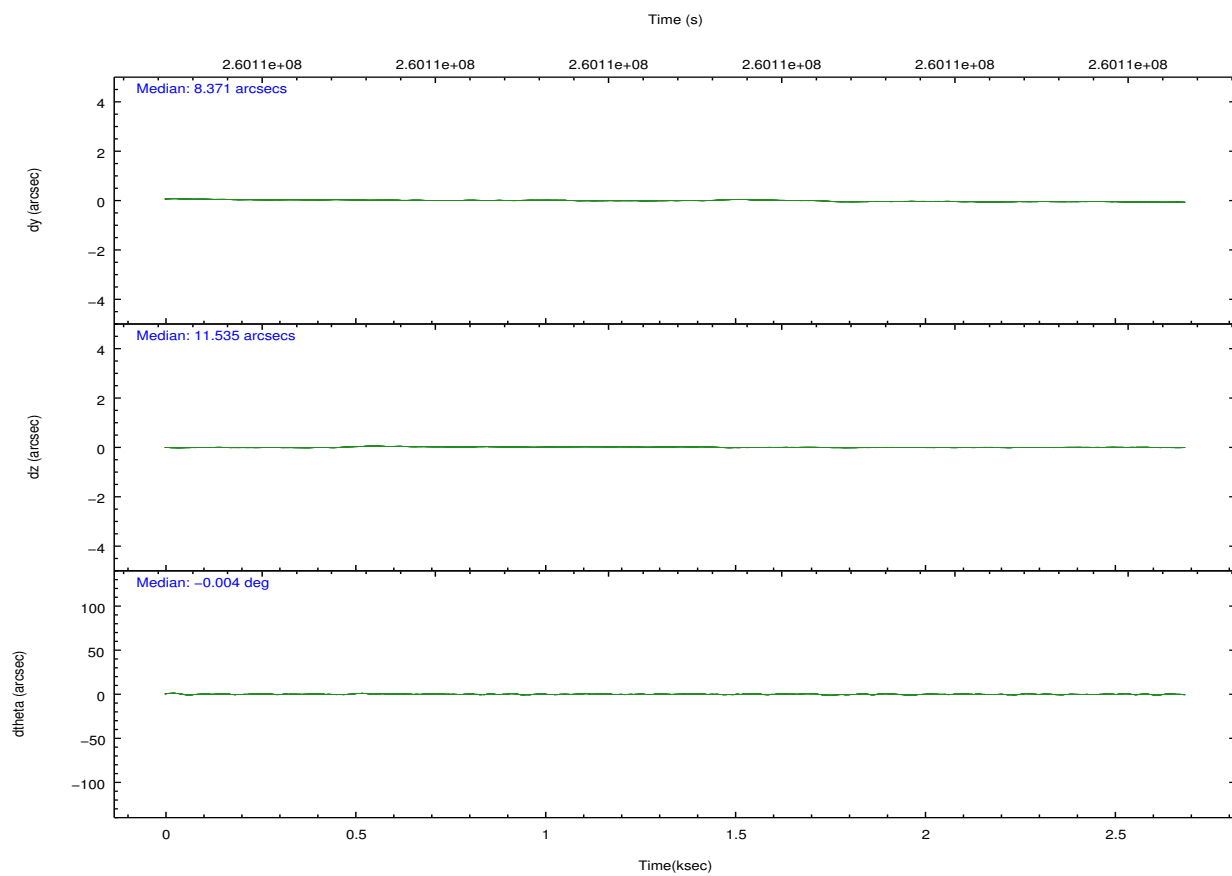
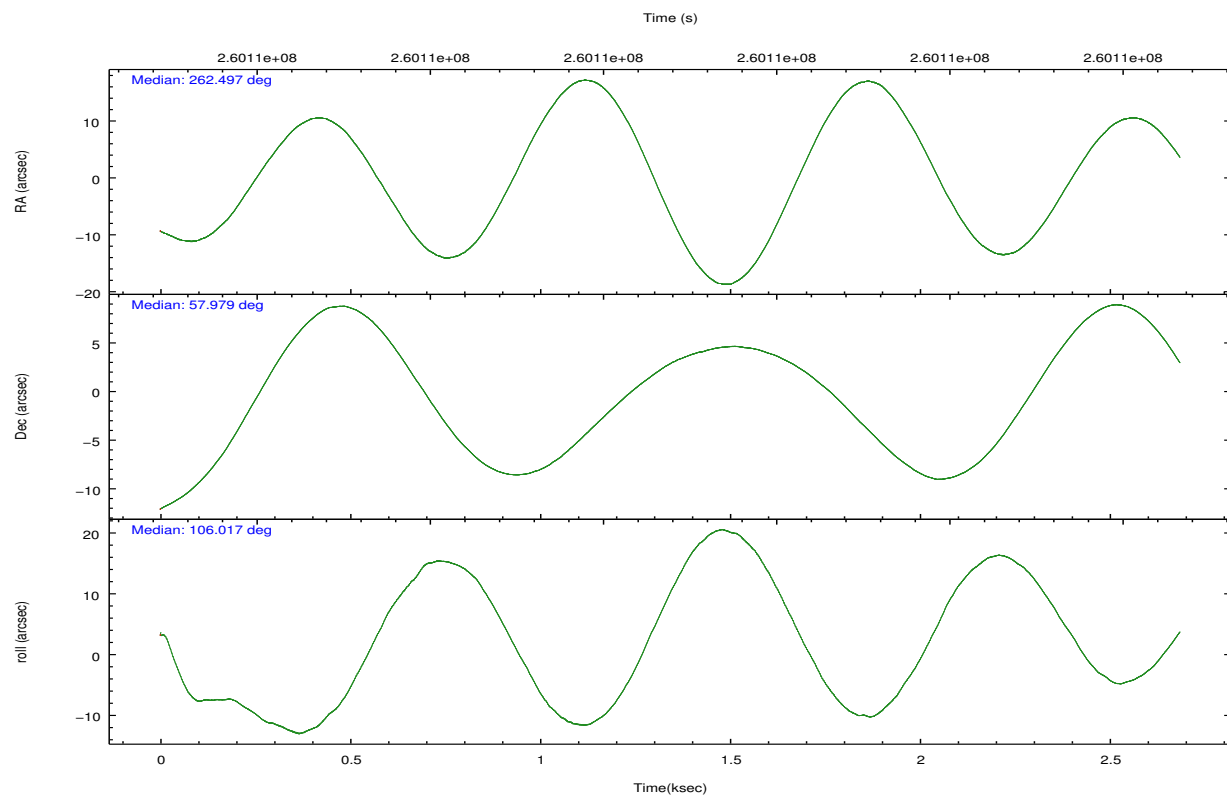
	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1450	551	761	1564
	5%	3%	4%	6%
grade 1 events	81	9	23	30
	0%	0%	0%	0%
grade 2 events	3764	366	1781	1033
	15%	2%	9%	4%
grade 3 events	541	182	802	598
	2%	1%	4%	2%
grade 4 events	510	171	751	530
	2%	1%	4%	2%
grade 5 events	2080	691	1955	902
	8%	4%	10%	3%
grade 6 events	6275	385	4432	1154
	25%	2%	23%	5%
grade 7 events	10117	14598	8165	17127
	40%	86%	43%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-5678	ACIS-5678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	262.534808	262.4973094702871	Subarray requested	NONE	NONE
[deg] Pointing Dec	57.960334	57.97911360345212	Alternating exposures requested	N	N
[deg] Pointing Roll	105.836337	106.0247717435299	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	260109032.184000	260108493.69608			
Observation start date	2006-03-30T12:29:27	2006-03-30T12:21:33			
[s] Observation end time (MET)	260111532.184000	260111812.13373			
Observation end date	2006-03-30T13:11:07	2006-03-30T13:16:52			
Read mode	TIMED	TIMED			

2.3 Aspect



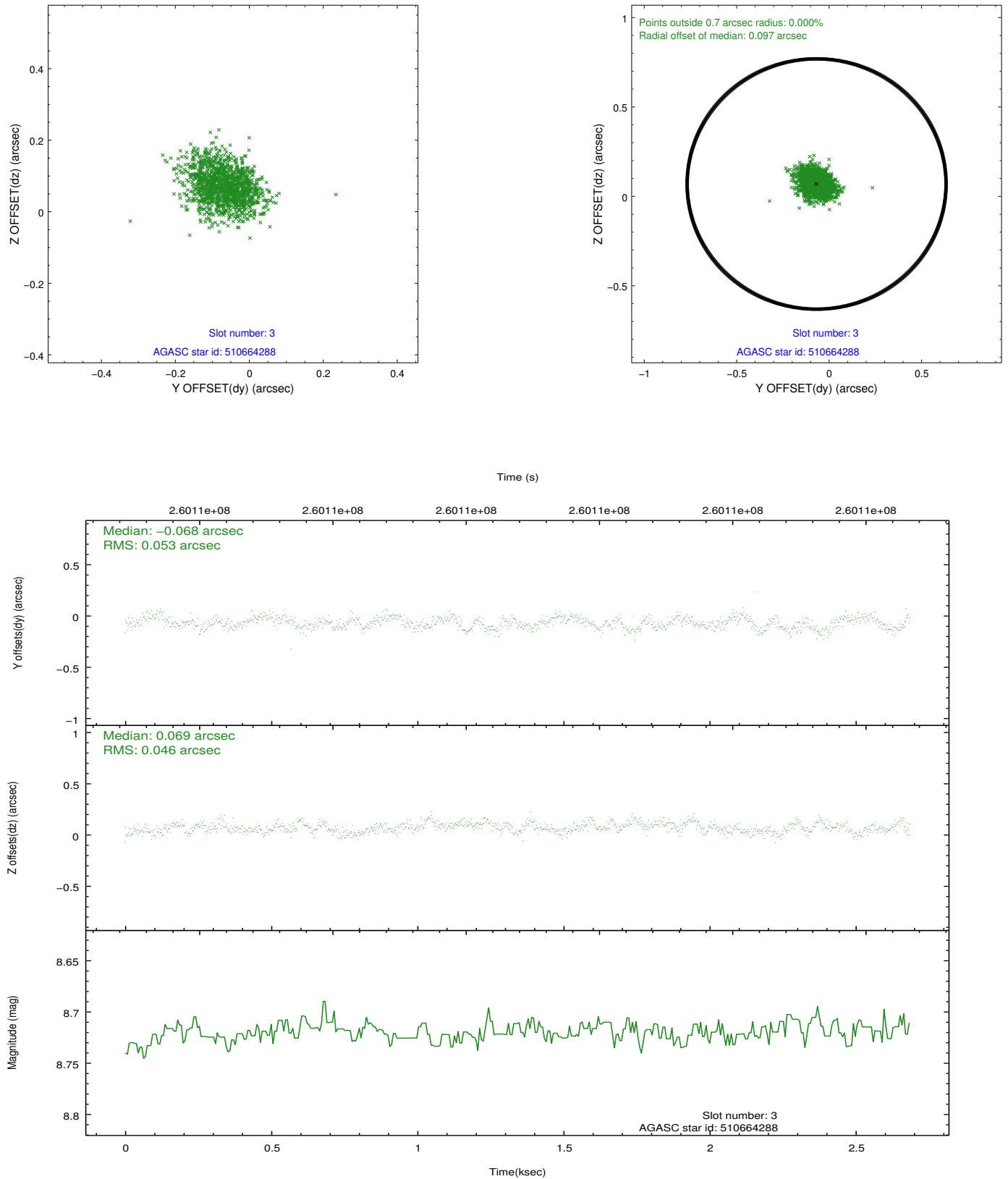


Slot Statistics

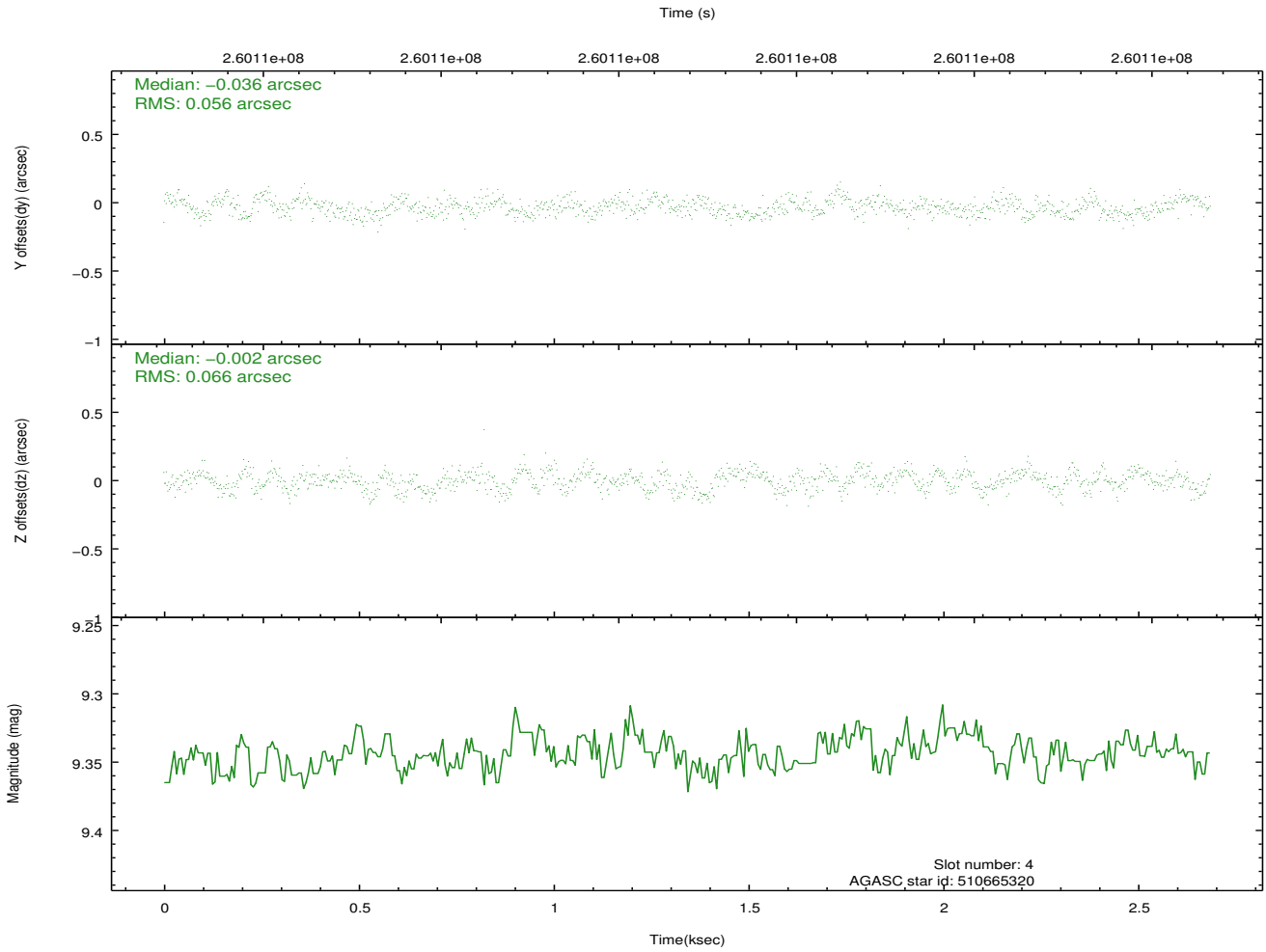
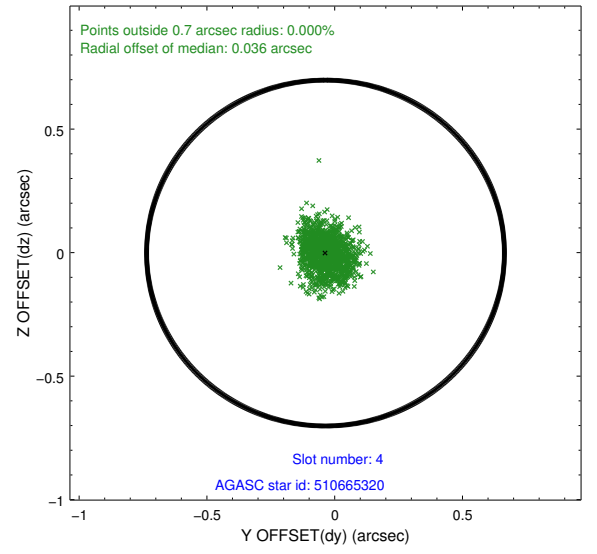
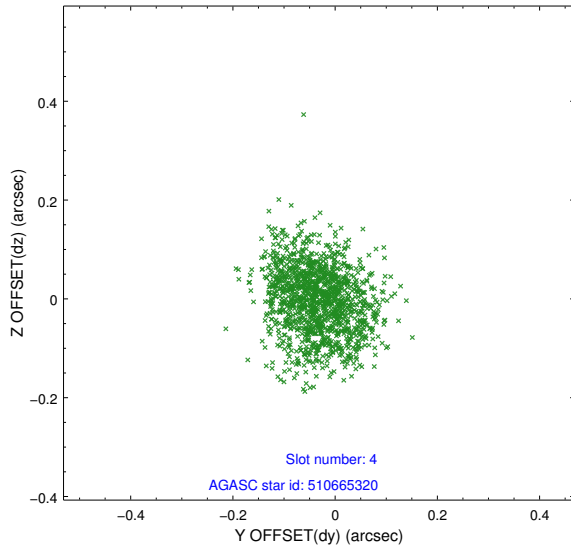
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	656	-0.027	-0.023	0.009	0.017	0.000000	0.000000	-761.17	-1732.85
1	FID	ACIS-S-4	7.20	656	0.127	0.019	0.010	0.020	0.000000	0.000000	2151.16	173.21
2	FID	ACIS-S-5	7.23	655	-0.130	0.012	0.009	0.017	0.000000	0.000000	-1811.04	169.57
3	GUIDE	510664288	8.72	1311	-0.068	0.069	0.075	0.121	262.438839	57.483757	-1600.01	647.08
4	GUIDE	510665320	9.34	1308	-0.036	-0.002	0.093	0.149	261.478842	57.991951	672.57	1903.78
5	GUIDE	510666064	8.60	1311	0.052	0.016	0.156	0.231	261.921136	57.510497	-1228.94	1583.63
6	GUIDE	510667352	8.45	1311	-0.049	0.021	0.079	0.134	261.751331	57.816753	-80.71	1585.09
7	GUIDE	511314128	9.33	1308	0.105	-0.109	0.144	0.243	263.451193	58.779394	2381.21	-2451.45

2.4 Star Slots

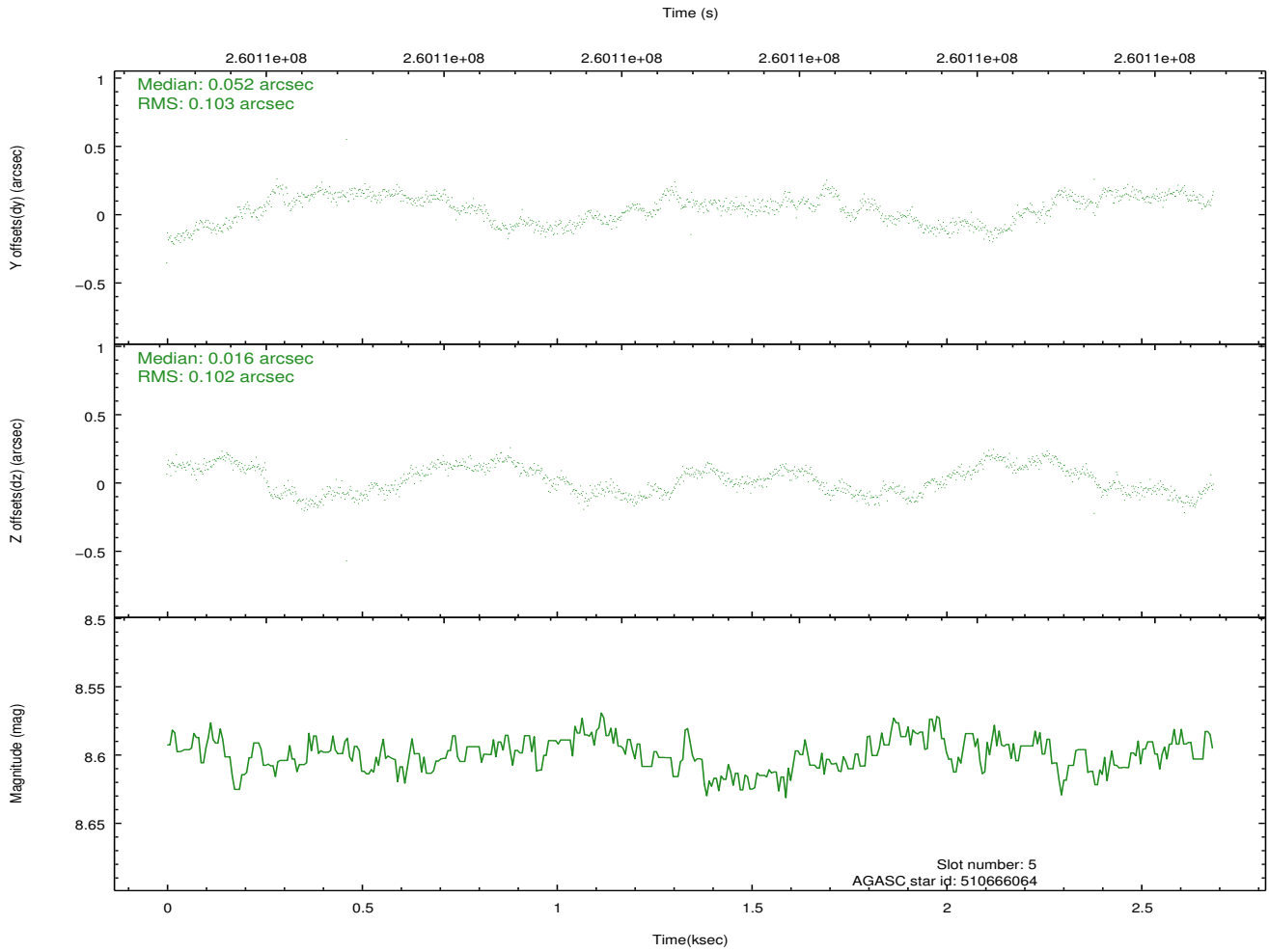
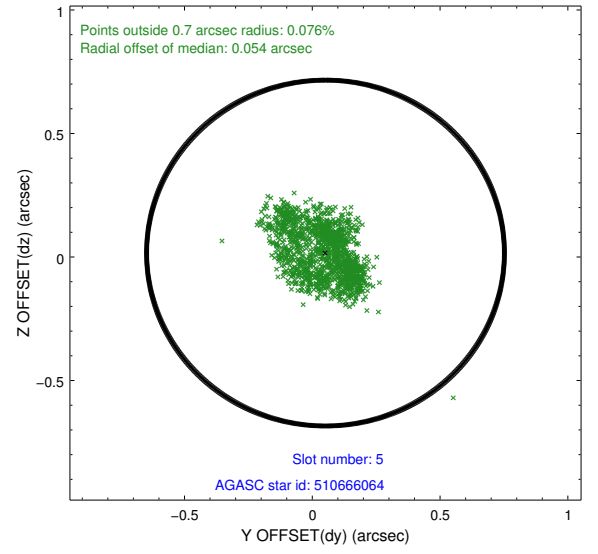
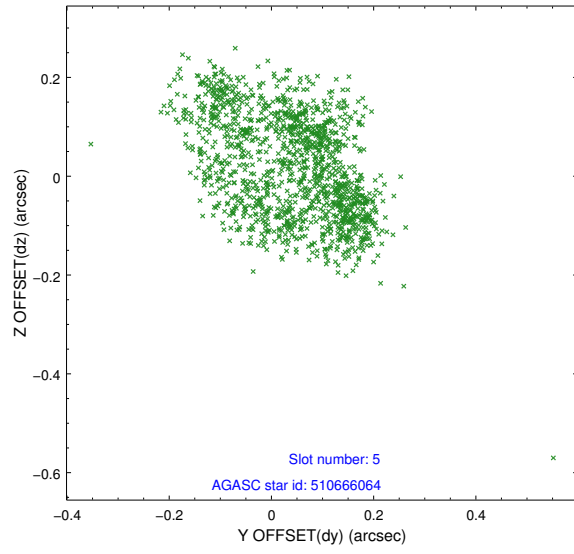
2.4.1 Slot 3



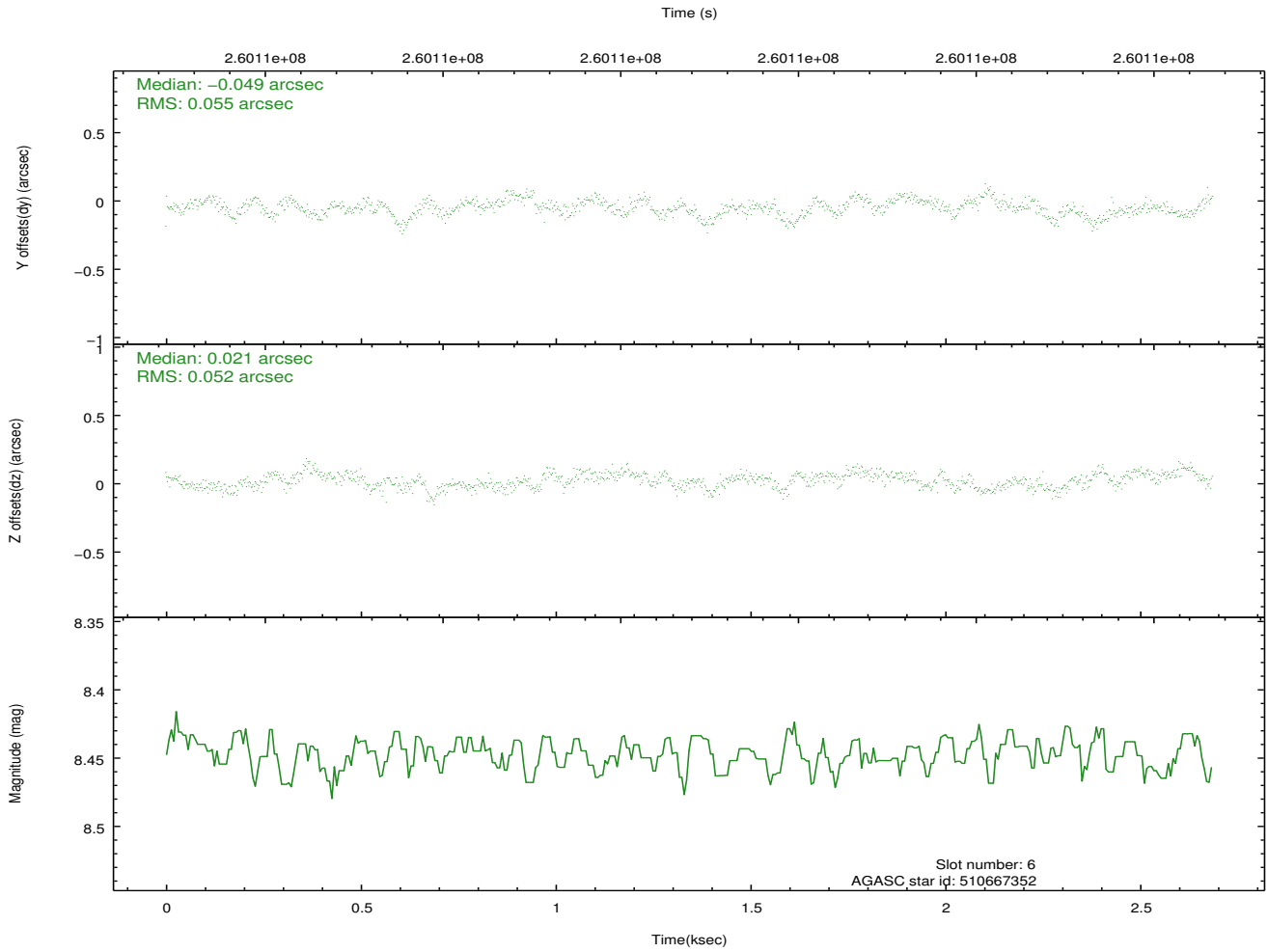
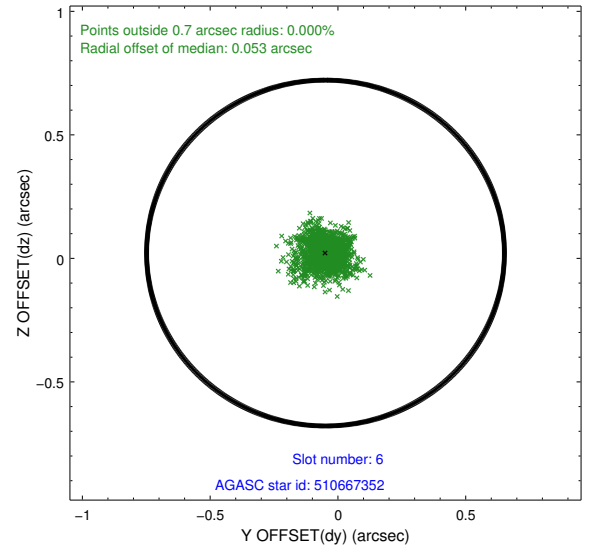
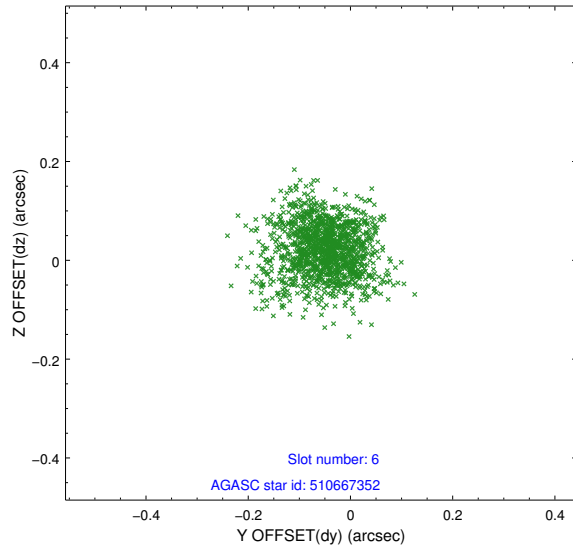
2.4.2 Slot 4



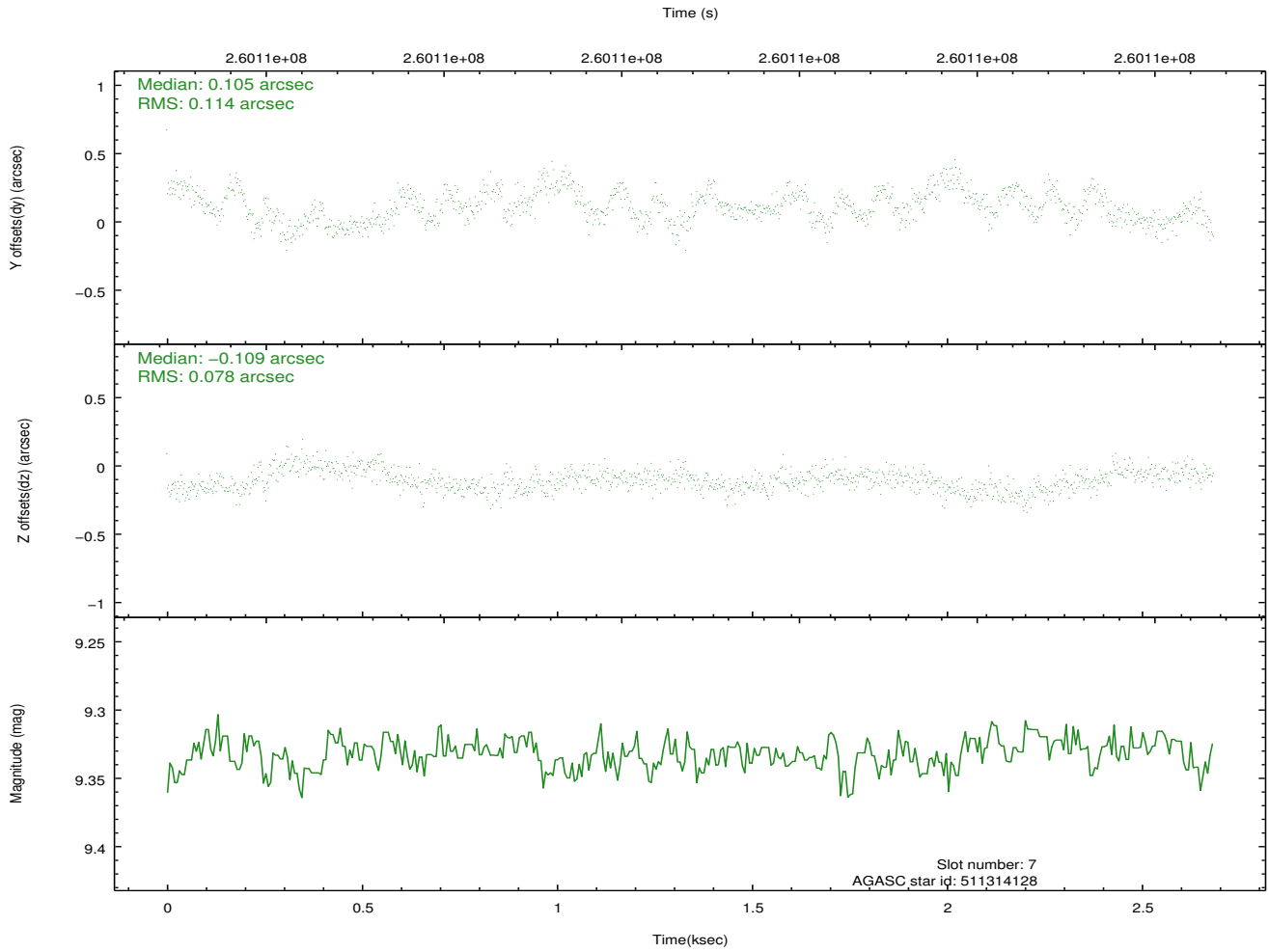
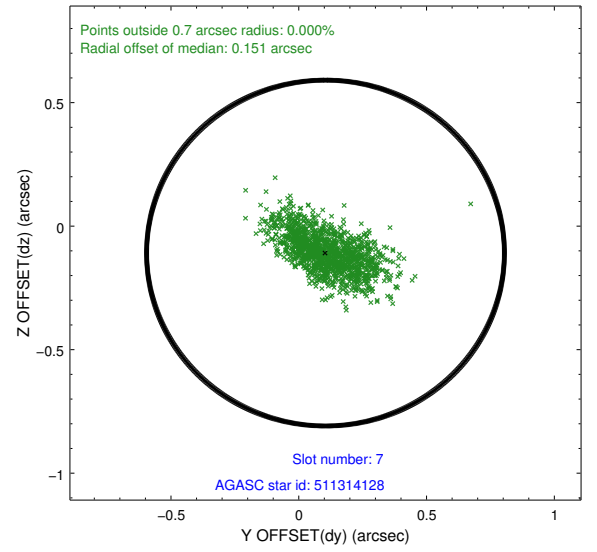
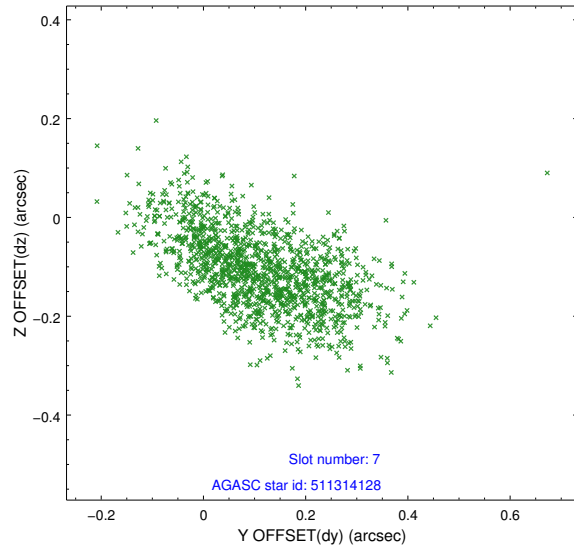
2.4.3 Slot 5



2.4.4 Slot 6

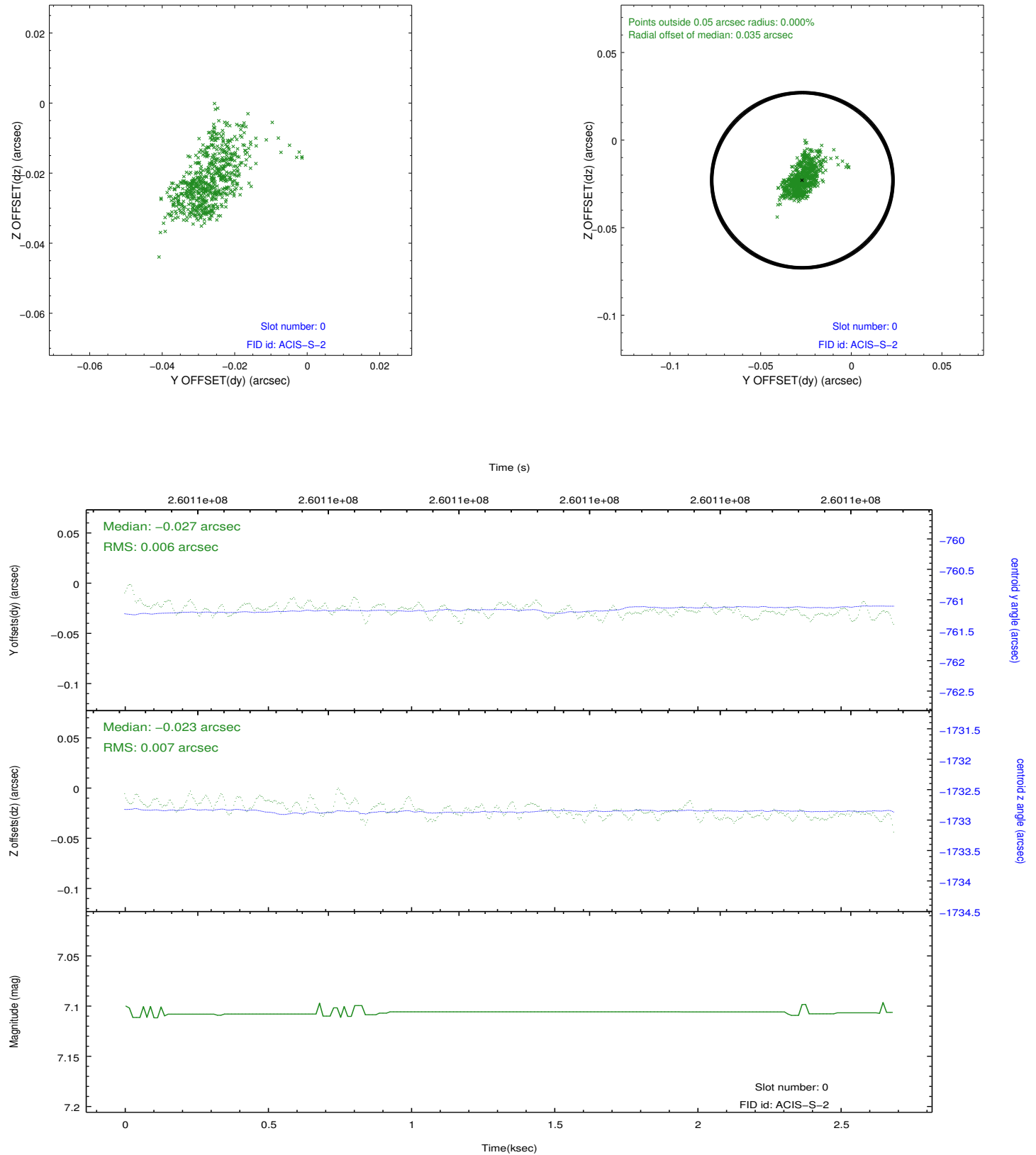


2.4.5 Slot 7

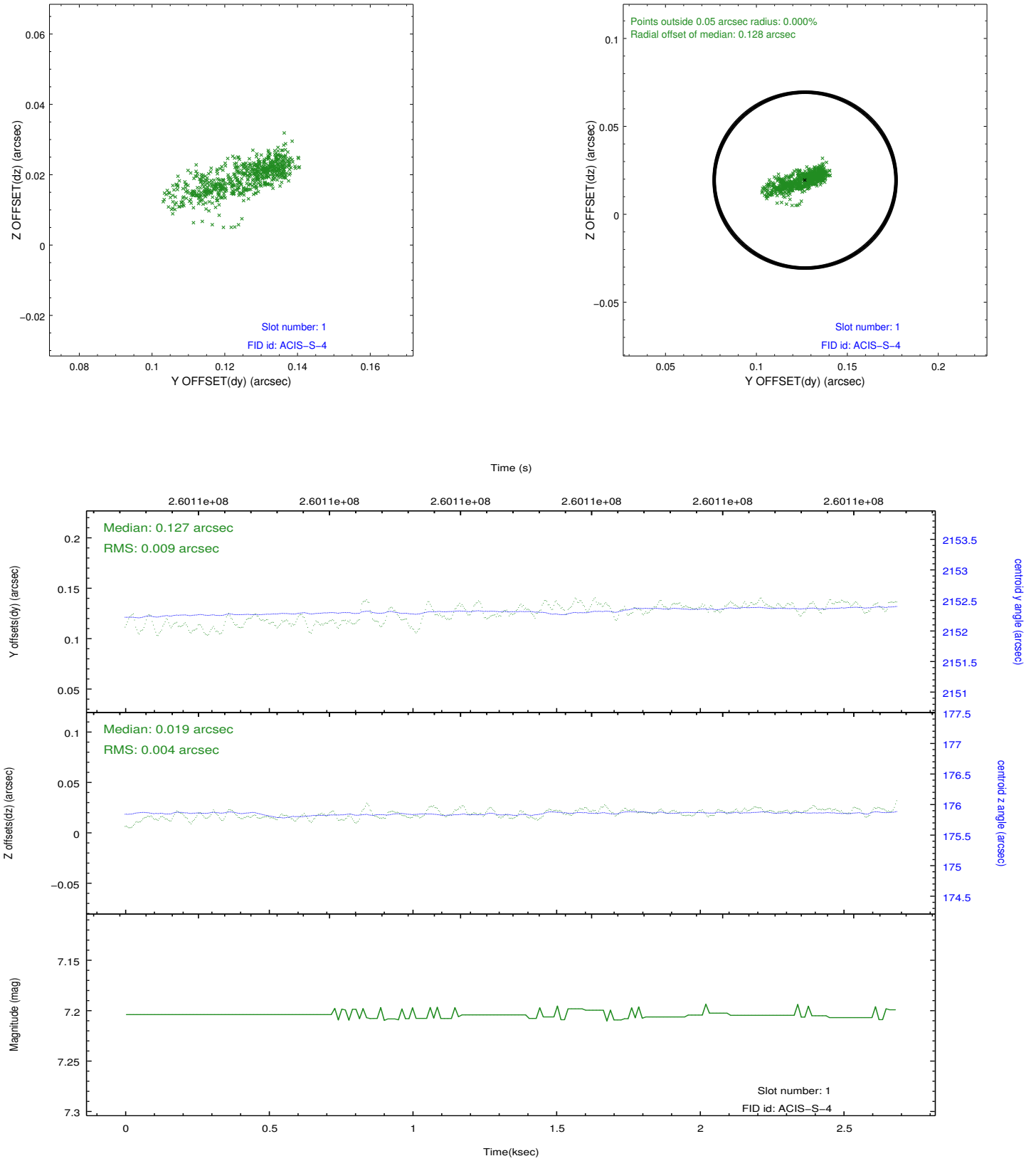


2.5 FID Slots

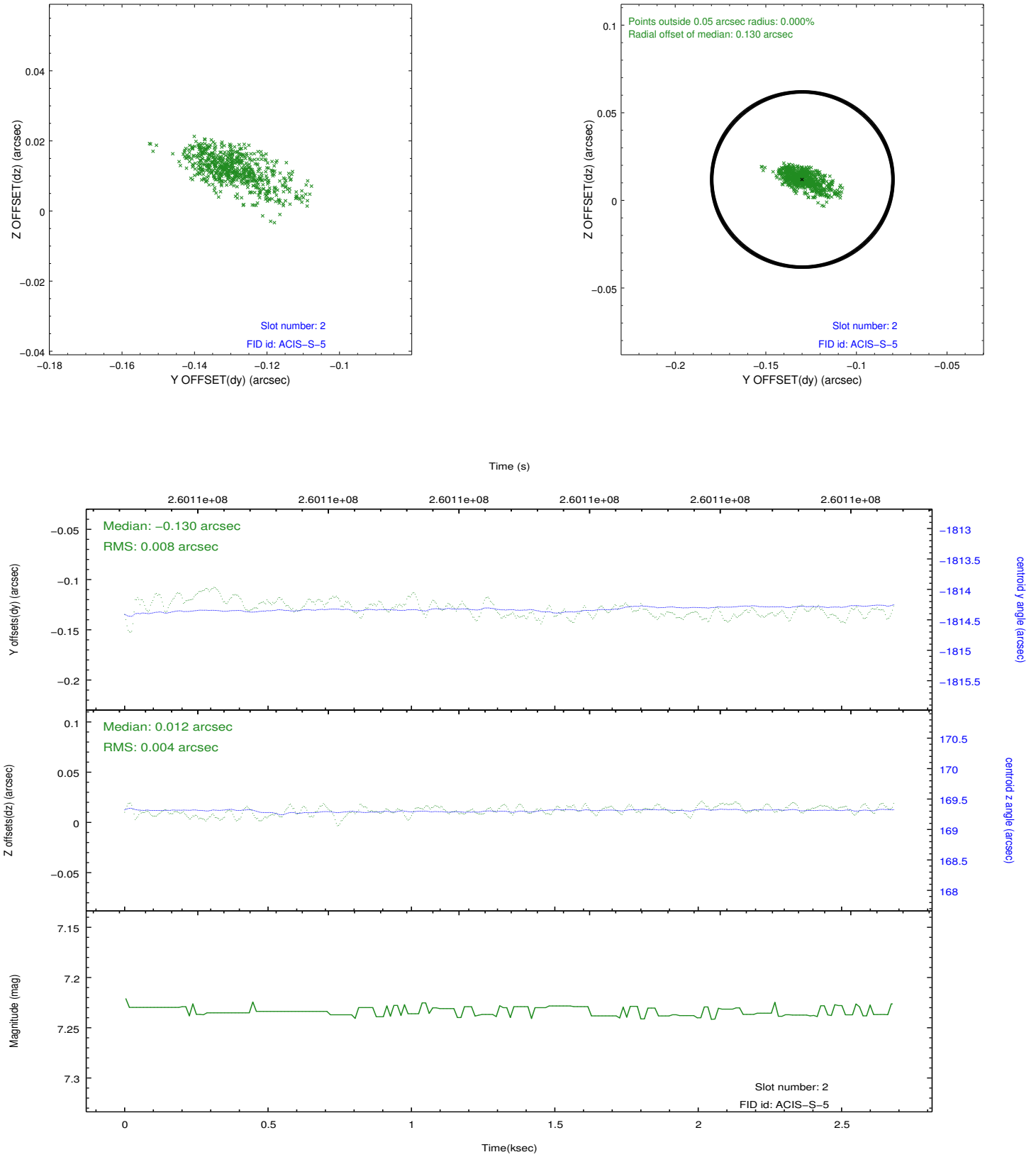
2.5.1 Slot 0



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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.29089999

A.2 Comments