

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11696 - L2 Version 2
Chandra X-Ray Center

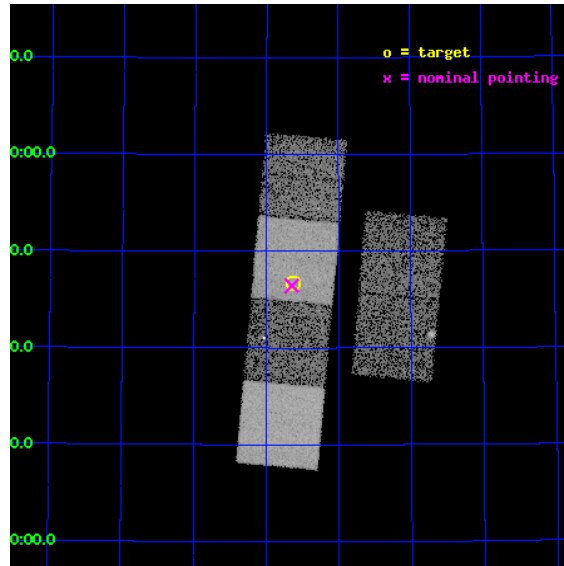
L2 Processing Date : Jun 29 2012

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1 Front

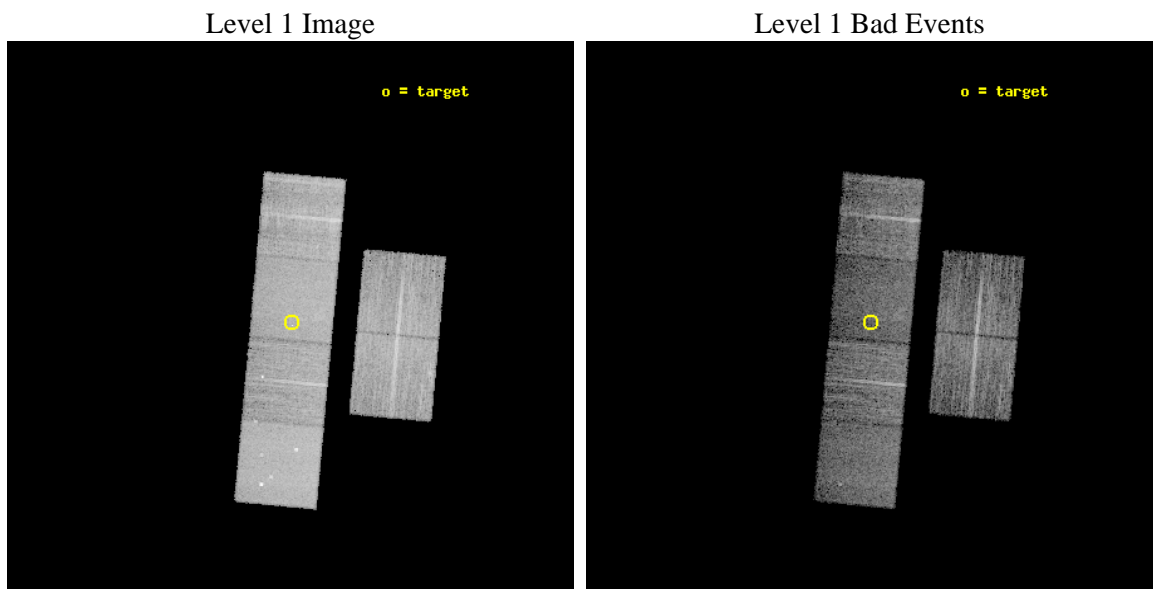
seq_num	702281	Sequence number
obs_id	11696	Observation id
title	After the Fall: Fading AGN in Post-starburst Galaxies	Proposal tit
observer	Dr. Christy Tremonti	Principal investigator
object	SDSS J110437.46+594639.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.15625	Observer's specified target RA [deg]
dec_targ	59.777667	Observer's specified target Dec [deg]
ra_nom	166.16199831354	Nominal RA [deg]
dec_nom	59.77386147822	Nominal Dec [deg]
roll_nom	275.20267963471	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8370.7058327794	Sum of GTIs [s]
livedtime	8264.7109152908	Livetime [s]
ontime2	8367.5059024692	Sum of GTIs [s]
ontime3	8370.5827127695	Sum of GTIs [s]
ontime5	8370.6647927761	Sum of GTIs [s]
ontime6	8370.6237527728	Sum of GTIs [s]
ontime7	8370.7058327794	Sum of GTIs [s]
ontime8	8370.5416727662	Sum of GTIs [s]
l2events	101501	Number of level 2 events



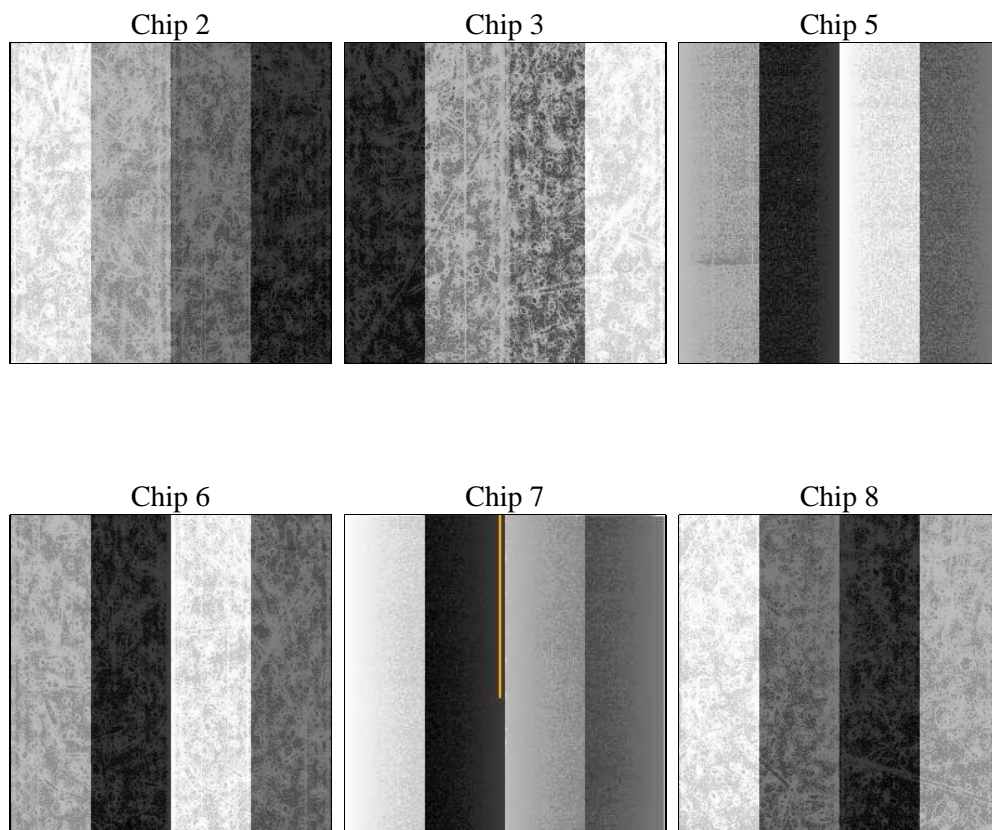
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8320.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8370.7058327794	Sum of GTIs [s]
caldsver	4.5.0	 	ontime2	8367.5059024692	Sum of GTIs [s]
date	2012-06-29T09:39:29	Date and time of file creation	ontime3	8370.5827127695	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	8370.6647927761	Sum of GTIs [s]
			ontime6	8370.6237527728	Sum of GTIs [s]
			ontime7	8370.7058327794	Sum of GTIs [s]
			ontime8	8370.5416727662	Sum of GTIs [s]
			l1events	435964	Number of level 1 events

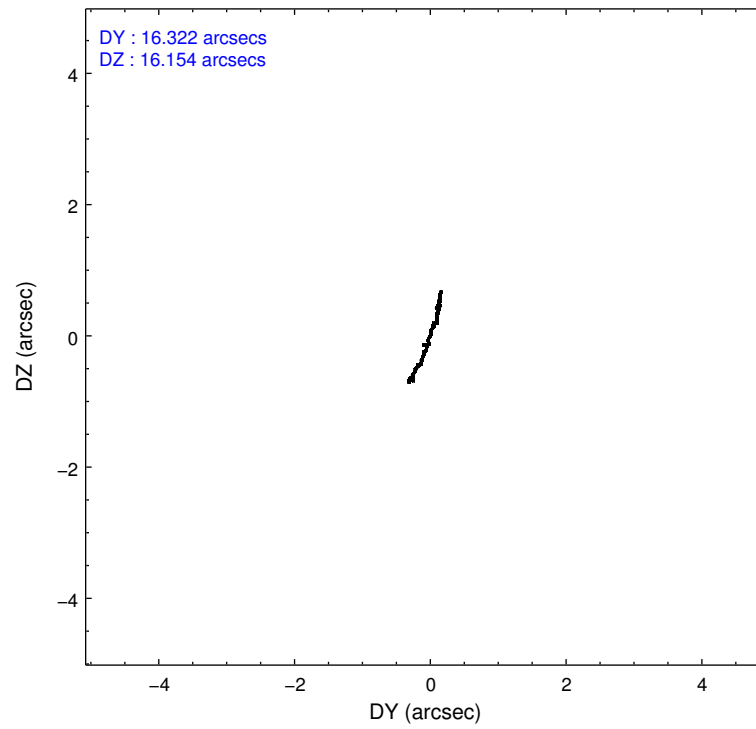
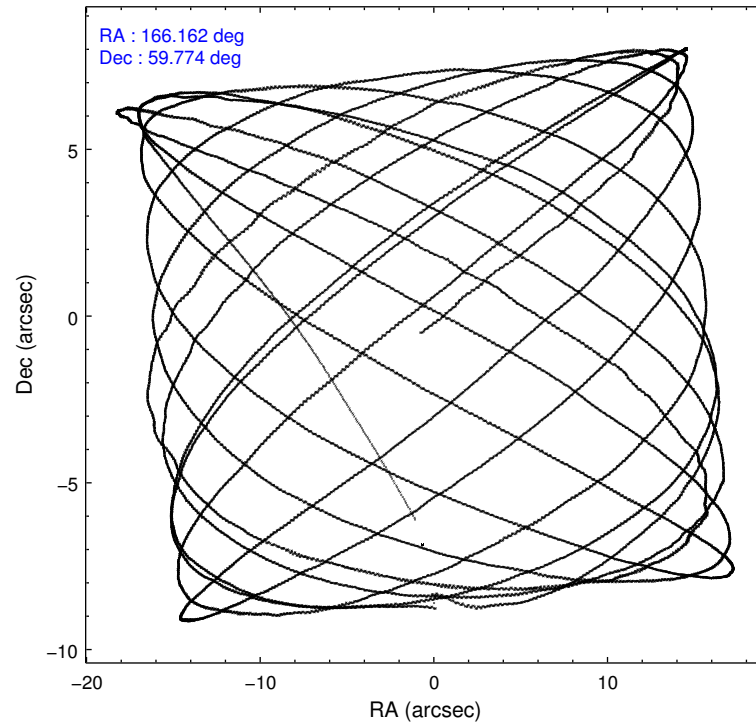
2.1.4 Events

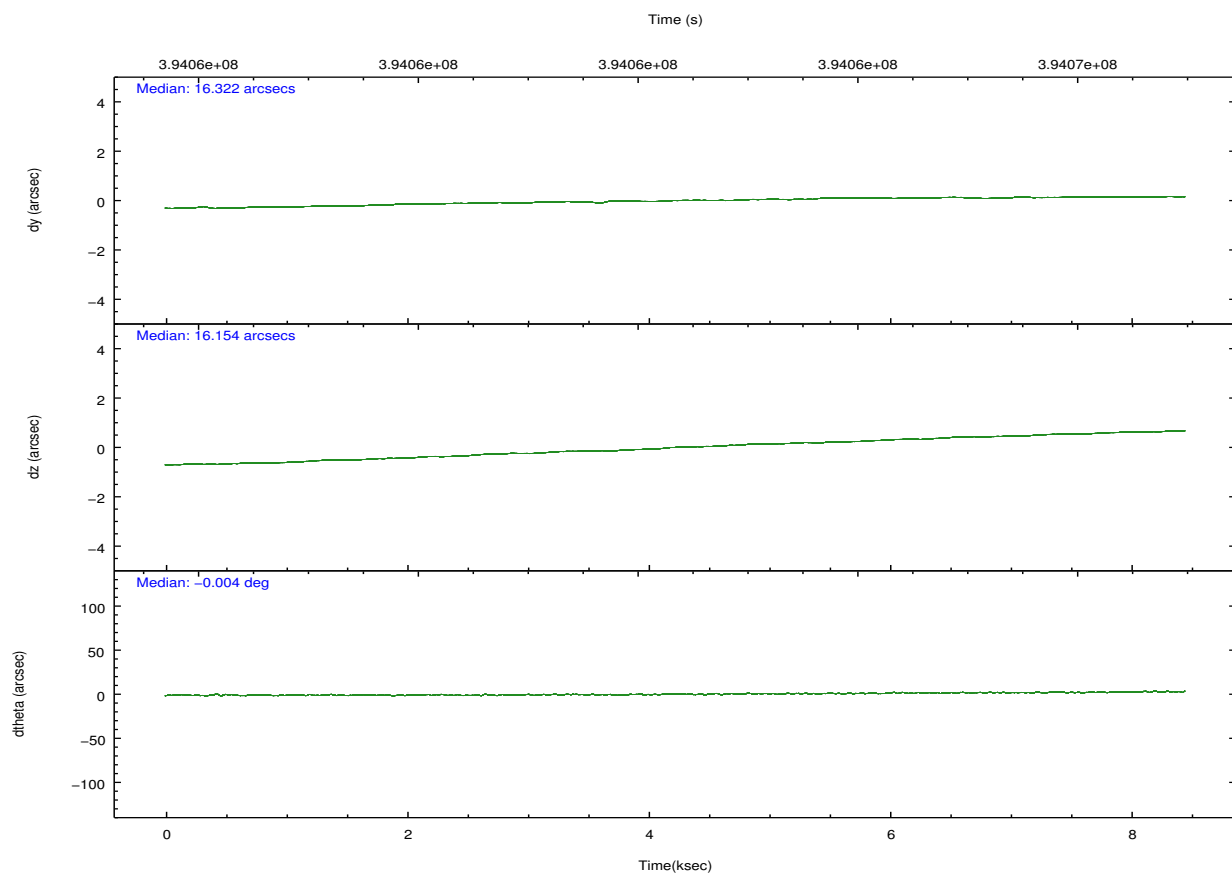
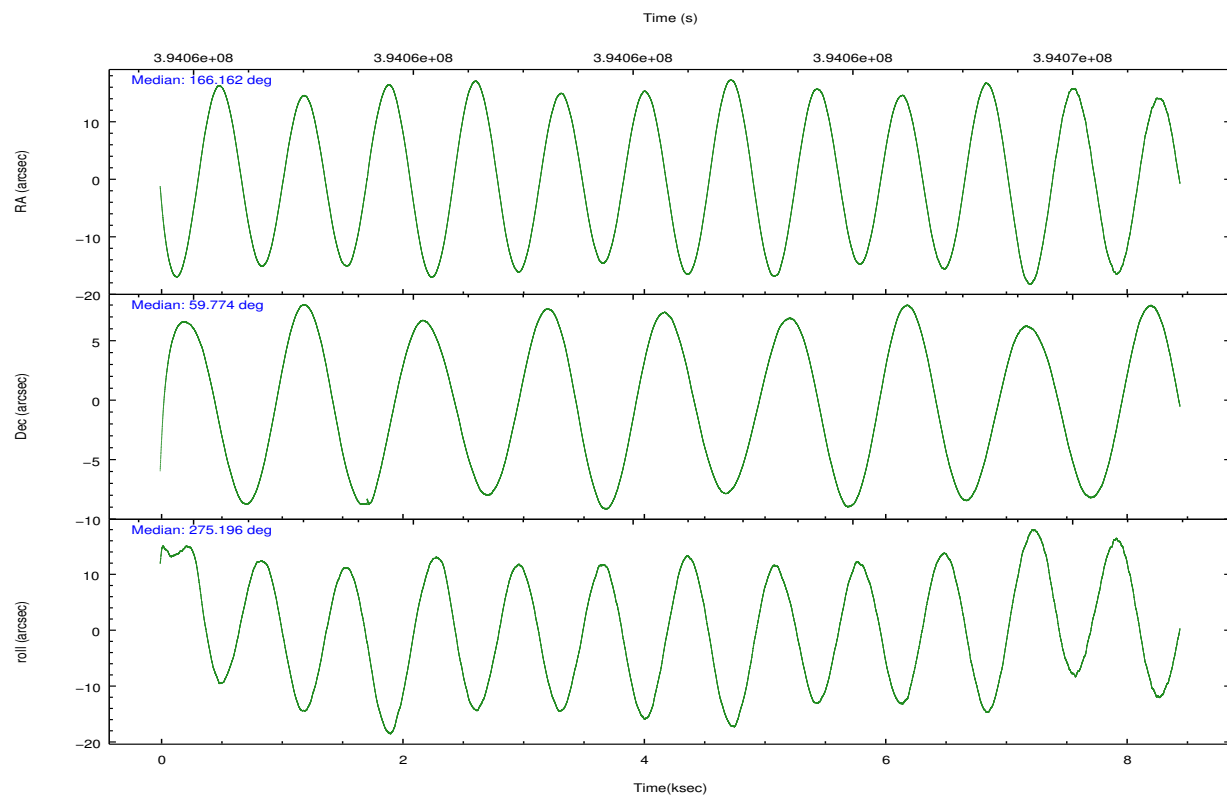
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	66332	59449	93434	62829	75585	78335	grade 0 events	2703	2118	4929	2898	3204	6144
rejected events	59309	53378	46749	55293	41371	58259		4%	3%	5%	4%	4%	7%
rejected %	89%	89%	50%	88%	54%	74%	grade 1 events	45	27	247	35	87	69
								0%	0%	0%	0%	0%	0%
							grade 2 events	1642	1382	13940	1628	7009	4797
								2%	2%	14%	2%	9%	6%
							grade 3 events	731	702	1790	776	3122	2091
								1%	1%	1%	1%	4%	2%
							grade 4 events	684	634	1700	729	3018	1947
								1%	1%	1%	1%	3%	2%
							grade 5 events	2403	2760	7084	2855	7933	4093
								3%	4%	7%	4%	10%	5%
							grade 6 events	1265	1237	24343	1507	17877	5100
								1%	2%	26%	2%	23%	6%
							grade 7 events	56859	50589	39401	52401	33335	54094
								85%	85%	42%	83%	44%	69%

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	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	166.130096	166.1619983135448	CCD I2 on	O1	Y
[deg] Pointing Dec	59.795904	59.7738614782199	CCD I3 on	O2	Y
[deg] Pointing Roll	275.073601	275.2026796347062	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O4	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	O3	Y
[s] Observation start time (MET)	394058229.184000	394056862.74216	CCD S5 on	N	N
Observation start date	2010-06-27T20:36:03	2010-06-27T20:14:22	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	394066549.184000	394066963.09268	On-chip summing requested	N	N
Observation end date	2010-06-27T22:54:43	2010-06-27T23:02:43	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



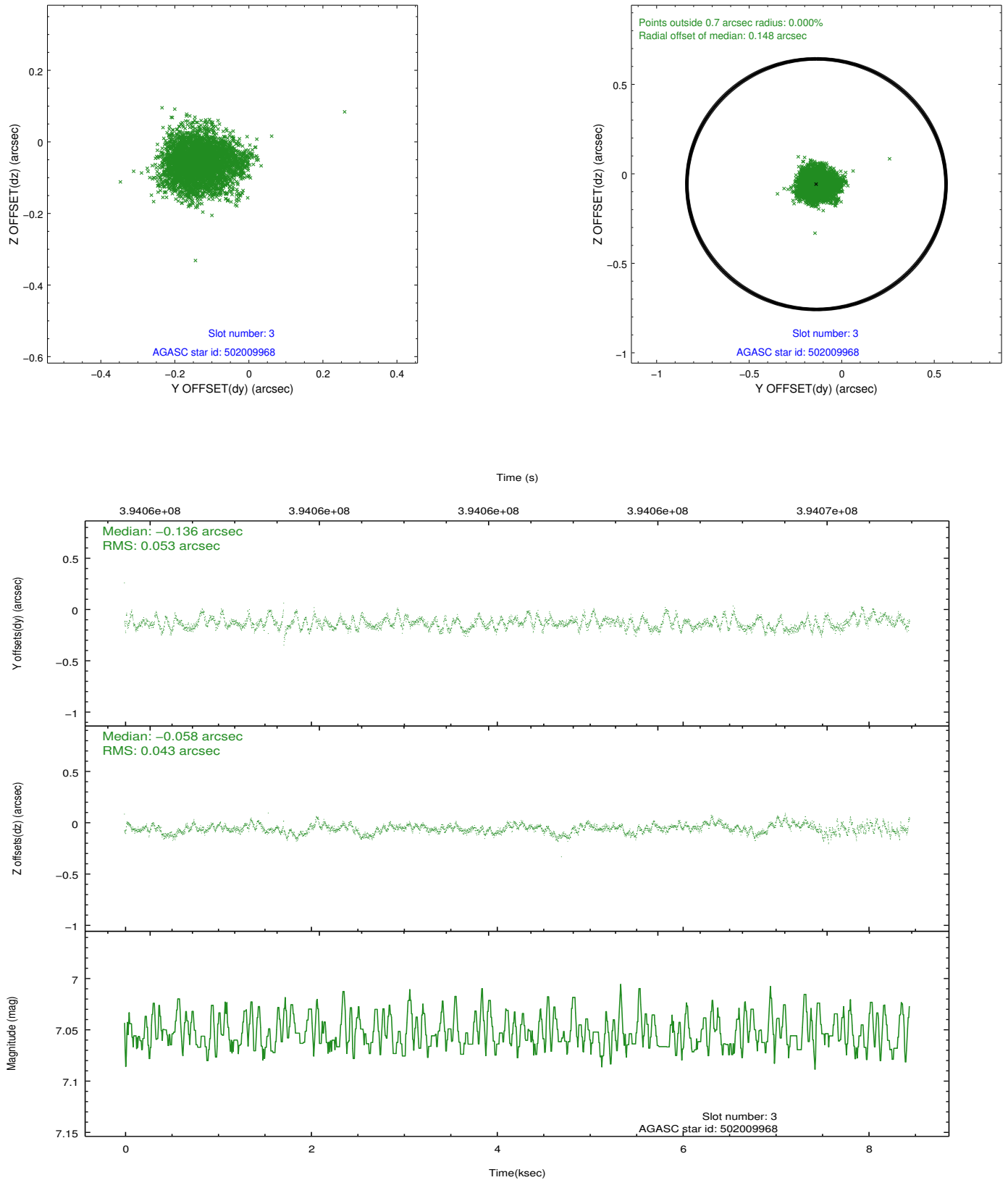


Slot Statistics

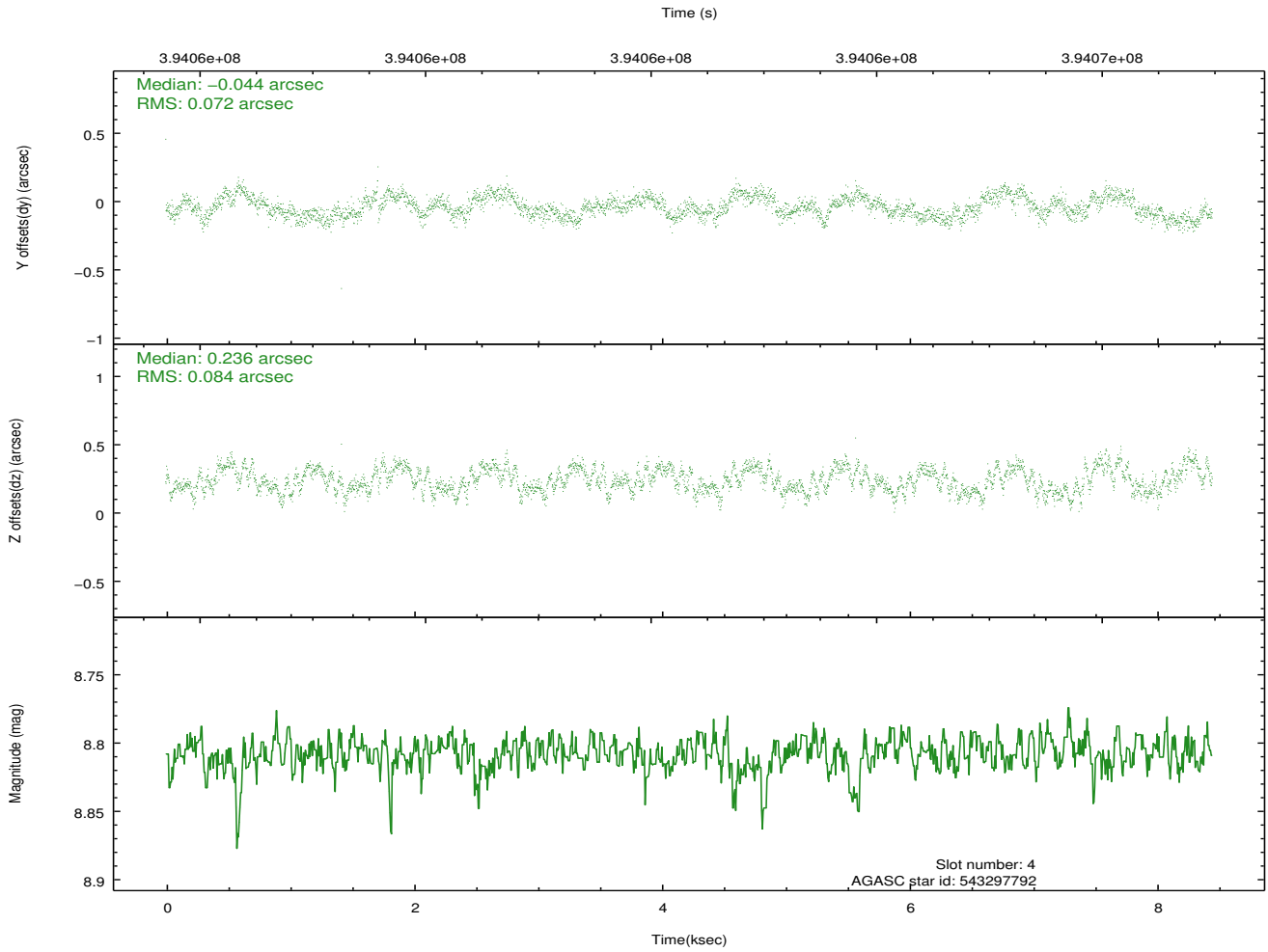
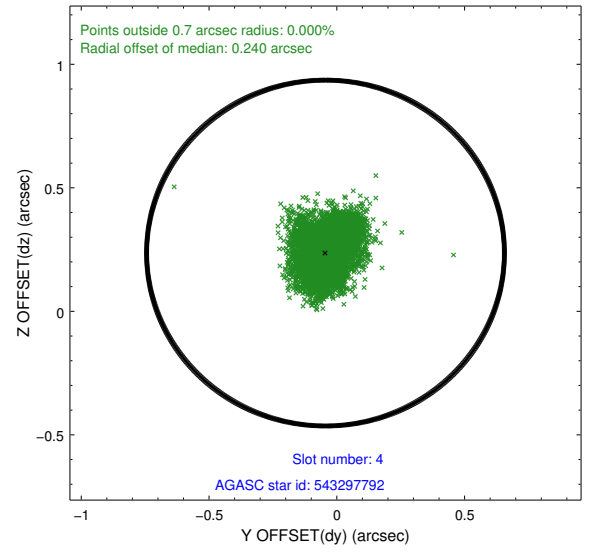
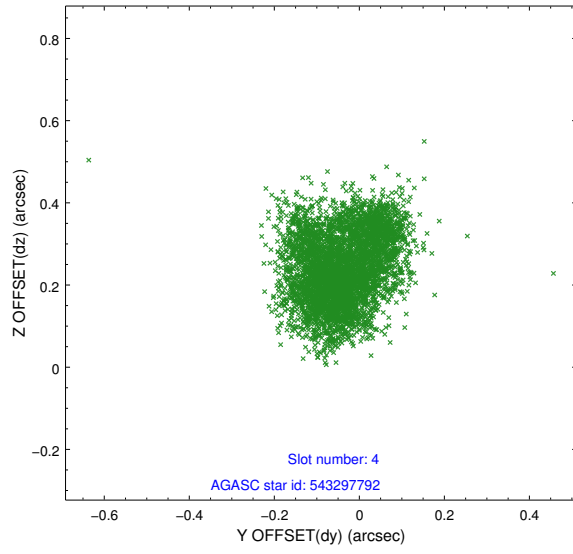
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	2060	-0.095	-0.019	0.011	0.019	0.000000	0.000000	-769.39	-1737.51
1	FID	ACIS-S-4	6.99	2061	0.188	0.051	0.007	0.014	0.000000	0.000000	2143.87	170.36
2	FID	ACIS-S-5	7.02	2061	-0.125	-0.023	0.011	0.017	0.000000	0.000000	-1821.42	164.70
3	GUIDE	502009968	7.05	4123	-0.136	-0.058	0.073	0.117	167.239797	59.215292	2246.10	1853.65
4	GUIDE	543297792	8.81	4122	-0.044	0.236	0.121	0.181	165.408156	60.126451	-1305.63	-1182.90
5	GUIDE	543430520	8.41	4121	-0.113	-0.436	0.084	0.135	167.298716	60.212948	-1329.20	2215.39
6	GUIDE	543431040	9.31	4120	0.050	0.488	0.099	0.161	165.729791	60.147413	-1324.71	-602.15
7	GUIDE	502009392	9.42	4113	0.234	-0.235	0.150	0.244	164.922244	59.074466	2370.02	-2453.83

2.4 Star Slots

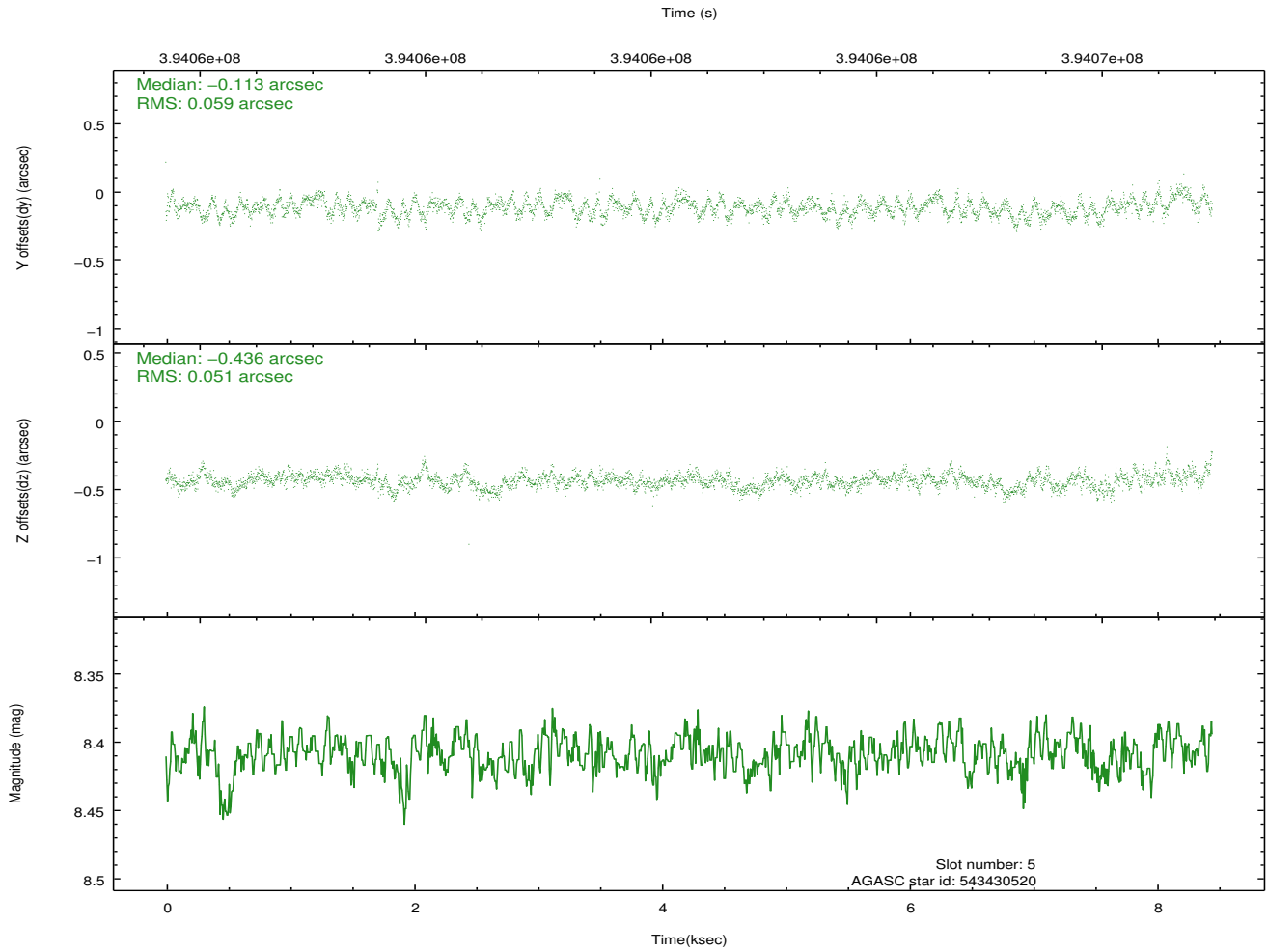
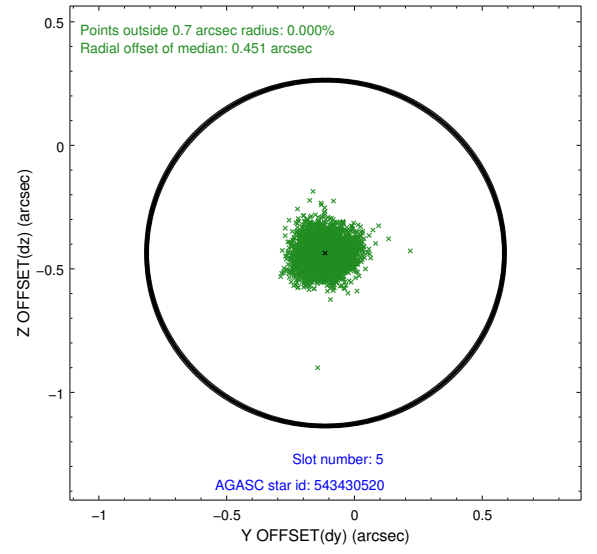
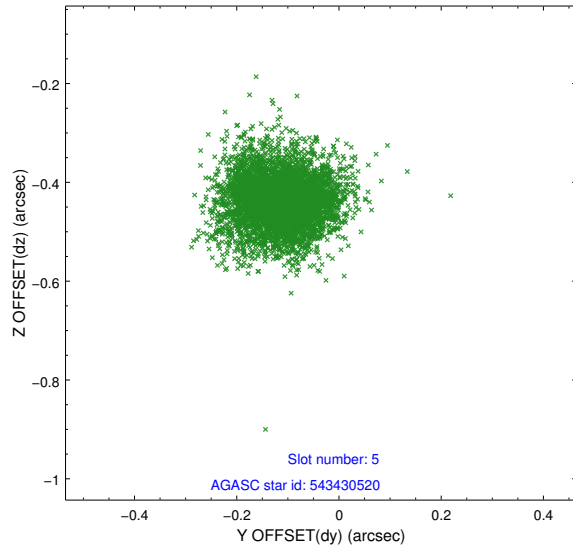
2.4.1 Slot 3



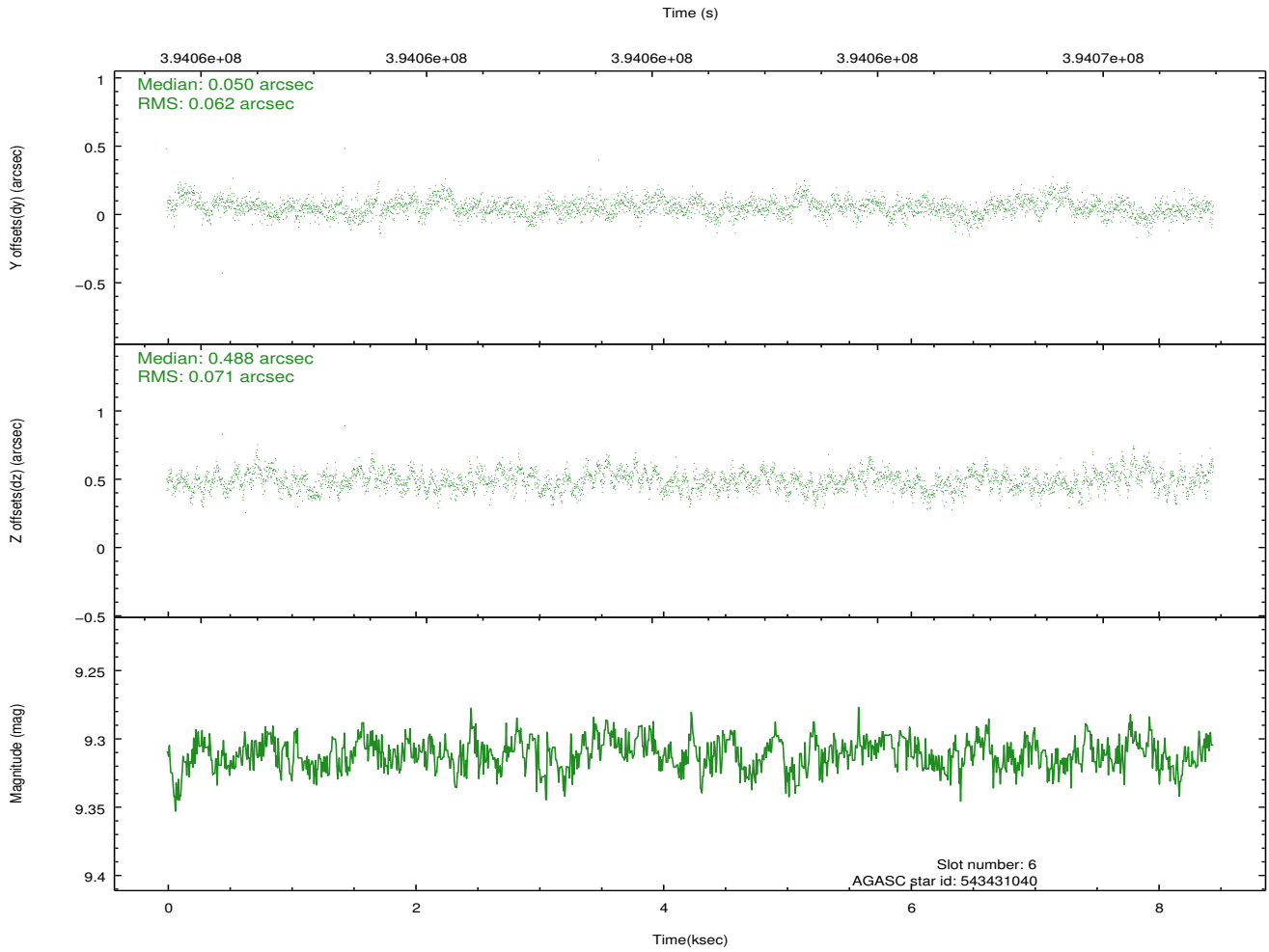
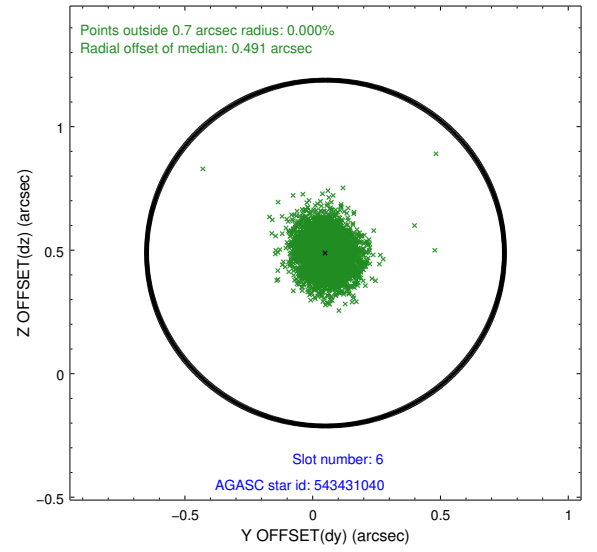
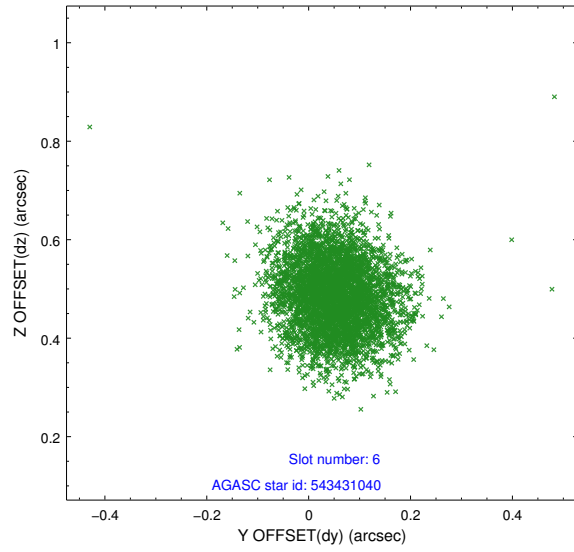
2.4.2 Slot 4



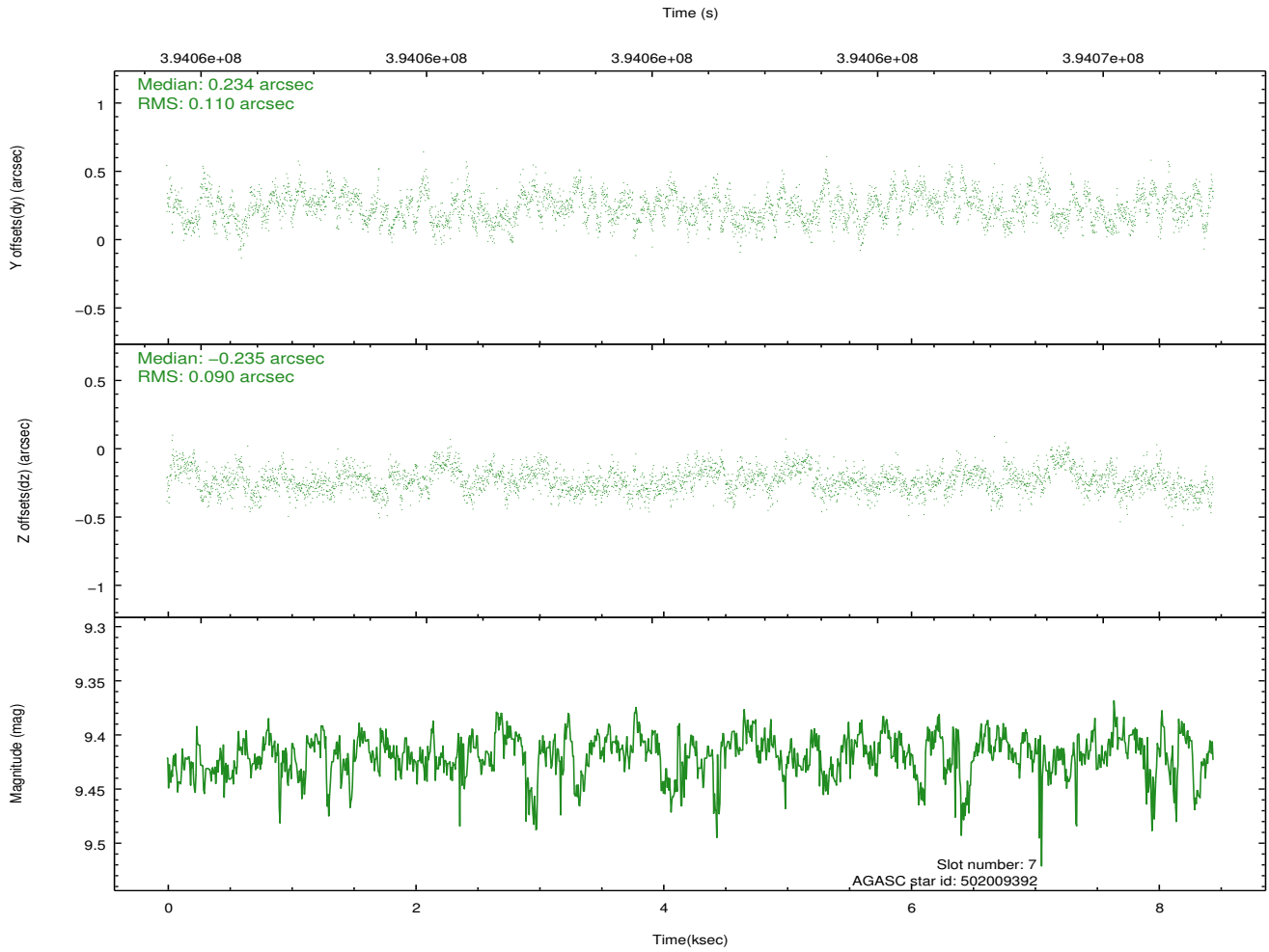
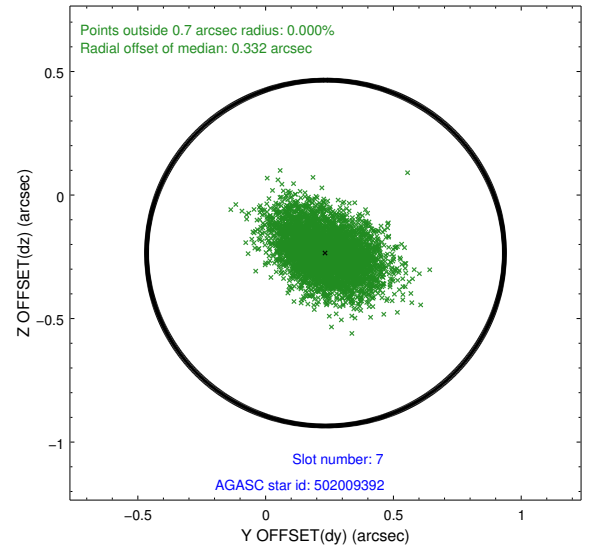
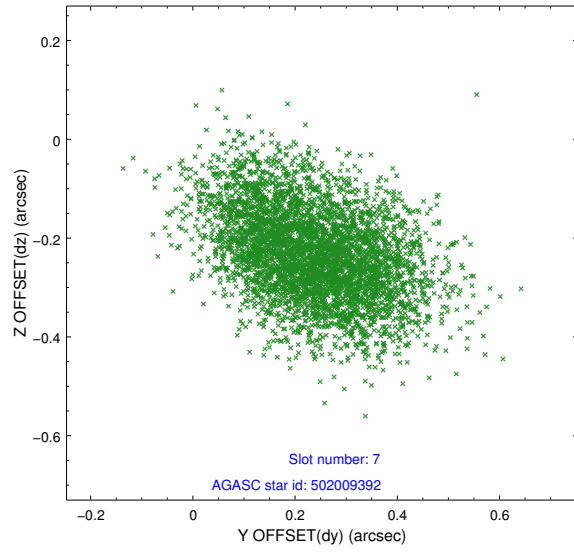
2.4.3 Slot 5



2.4.4 Slot 6

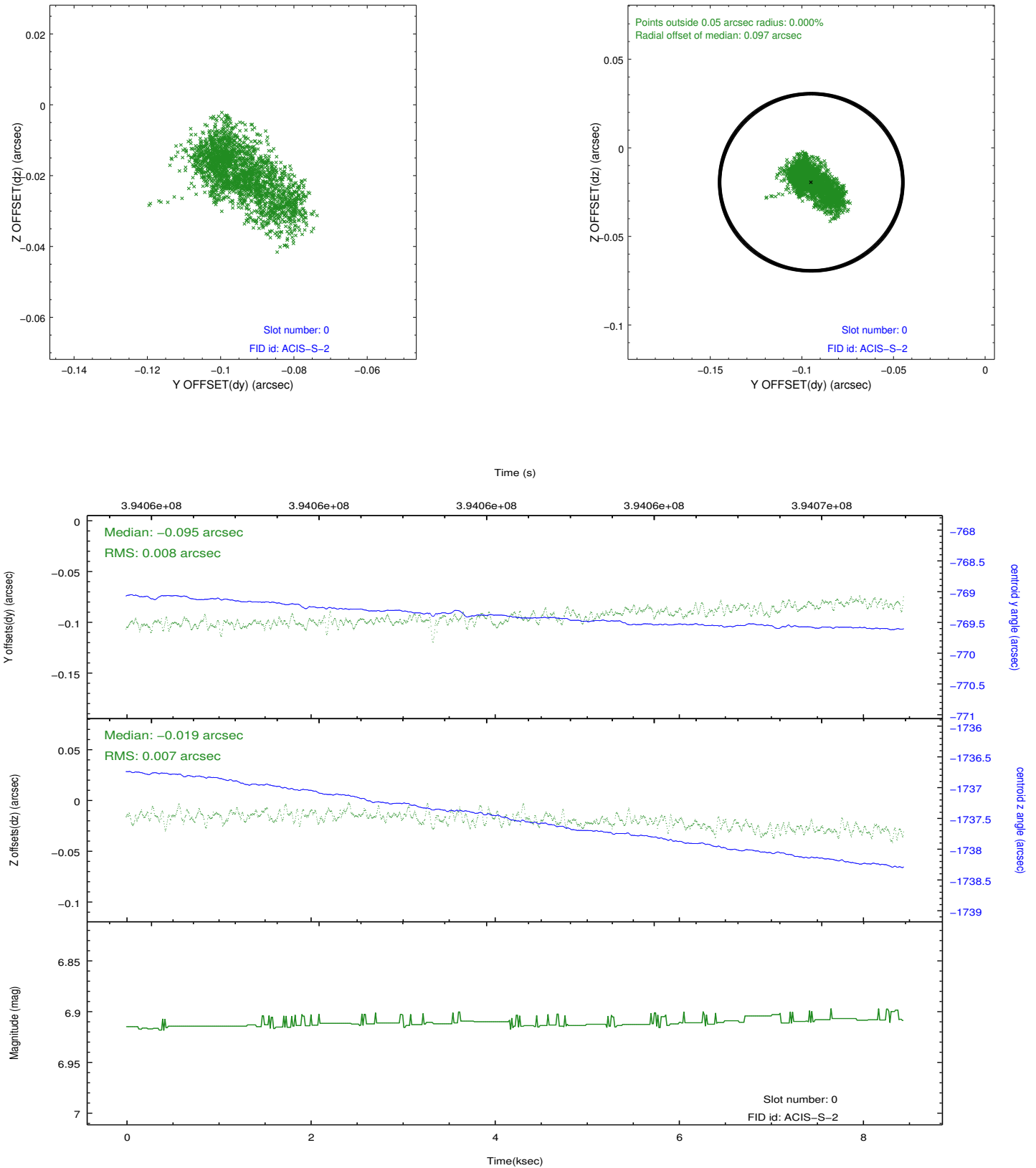


2.4.5 Slot 7

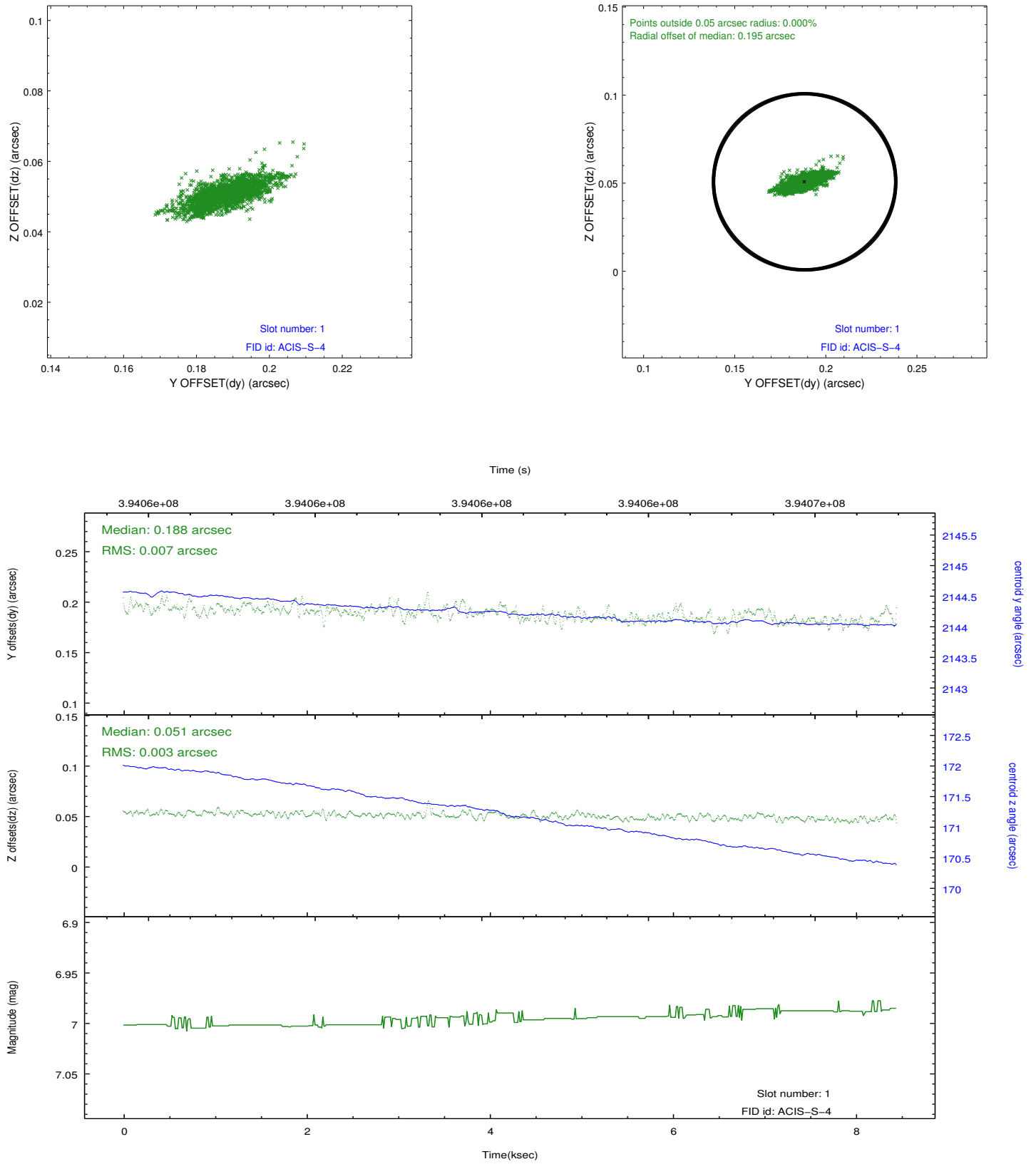


2.5 FID Slots

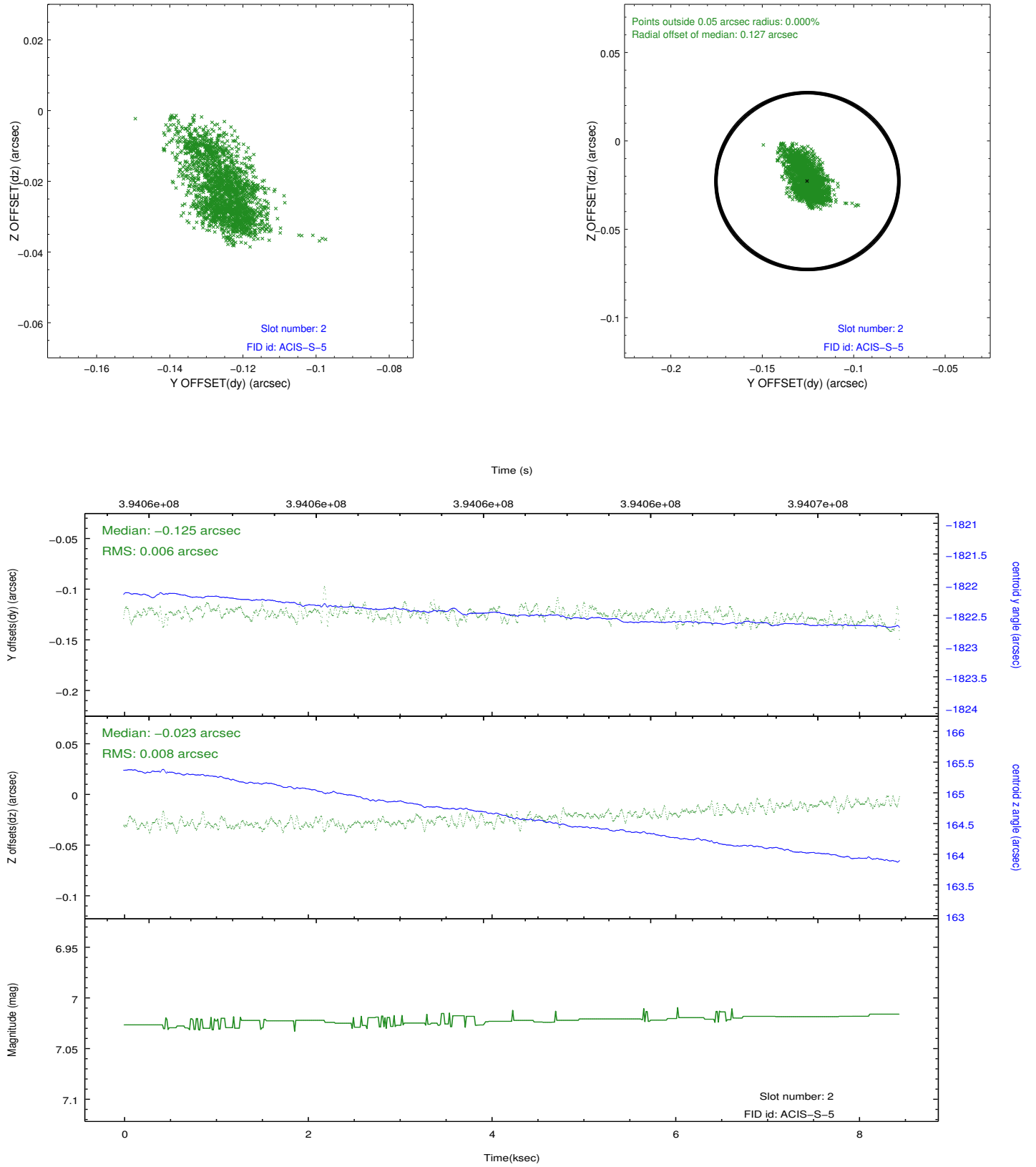
2.5.1 Slot 0



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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3707058324218

A.2 Comments

Joint Proposal: HST