

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11705 - L2 Version 2
Chandra X-Ray Center

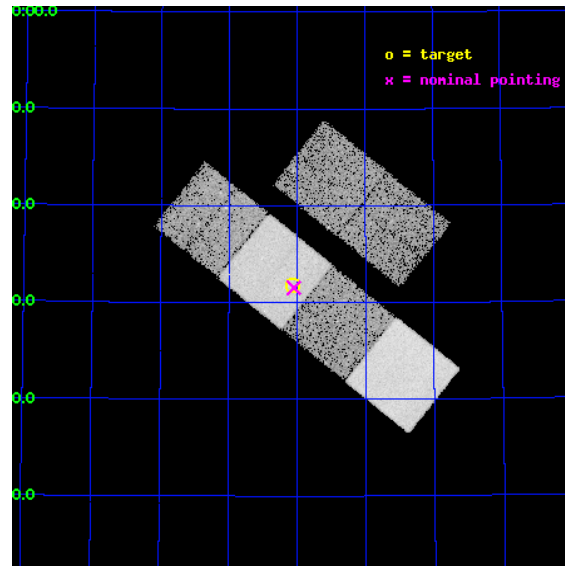
L2 Processing Date : Jun 28 2012

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1 Front

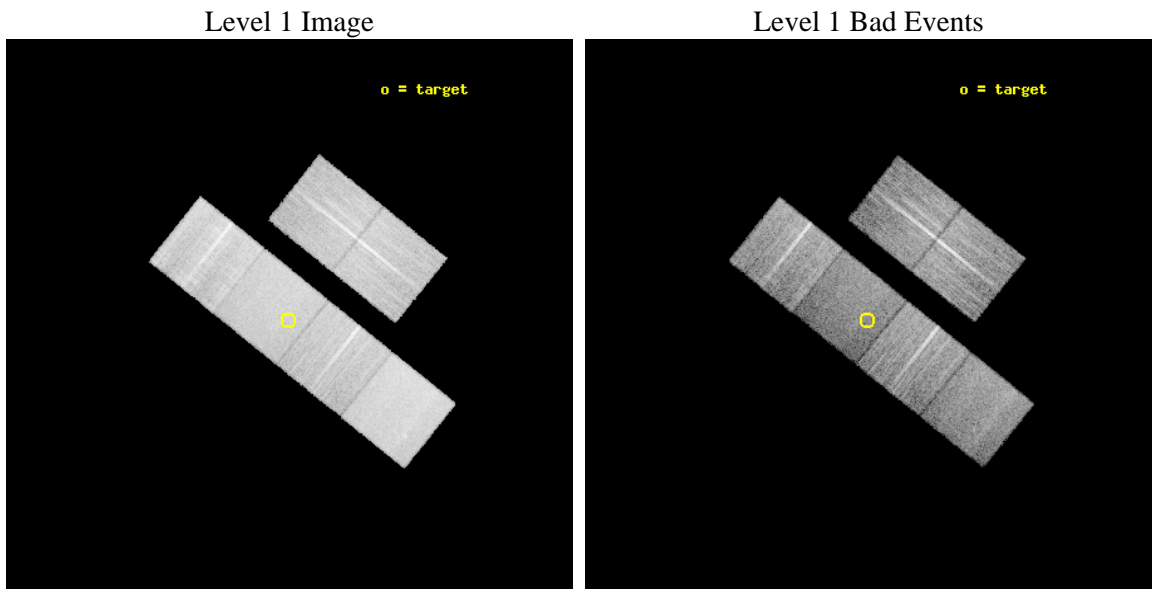
seq_num	702290	Sequence number
obs_id	11705	Observation id
title	After the Fall: Fading AGN in Post-starburst Galaxies	Proposal tit
observer	Dr. Christy Tremonti	Principal investigator
object	SDSS J150603.68+613148.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.515417	Observer's specified target RA [deg]
dec_targ	61.530028	Observer's specified target Dec [deg]
ra_nom	226.51191018519	Nominal RA [deg]
dec_nom	61.52545644653	Nominal Dec [deg]
roll_nom	218.74129375842	Nominal Roll [deg]
revision	2	Processing version of data
ontime	13433.599950016	Sum of GTIs [s]
livetime	13263.495618706	Livetime [s]
ontime2	13433.599950016	Sum of GTIs [s]
ontime3	13430.358959675	Sum of GTIs [s]
ontime5	13433.599950016	Sum of GTIs [s]
ontime6	13433.599950016	Sum of GTIs [s]
ontime7	13433.599950016	Sum of GTIs [s]
ontime8	13433.599950016	Sum of GTIs [s]
l2events	160282	Number of level 2 events



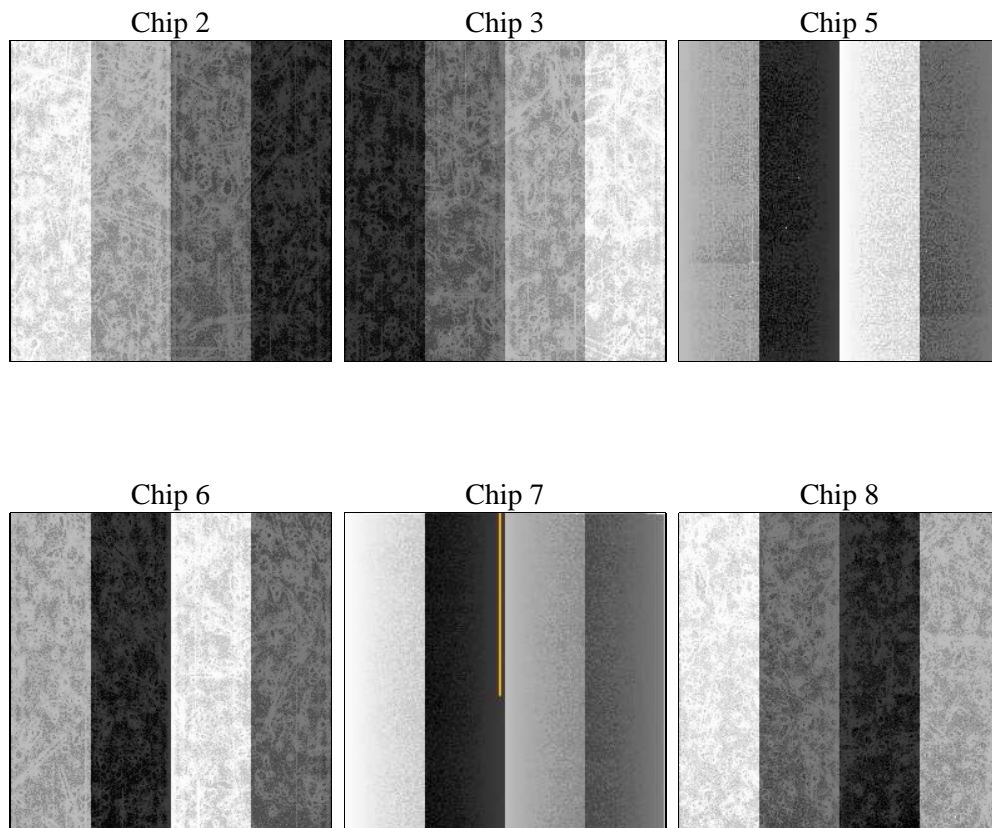
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	13390.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	13433.599950016	Sum of GTIs [s]
caldsver	4.5.0	 	ontime2	13433.599950016	Sum of GTIs [s]
date	2012-06-28T20:23:31	Date and time of file creation	ontime3	13430.358959675	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	13433.599950016	Sum of GTIs [s]
			ontime6	13433.599950016	Sum of GTIs [s]
			ontime7	13433.599950016	Sum of GTIs [s]
			ontime8	13433.599950016	Sum of GTIs [s]
			l1events	716485	Number of level 1 events

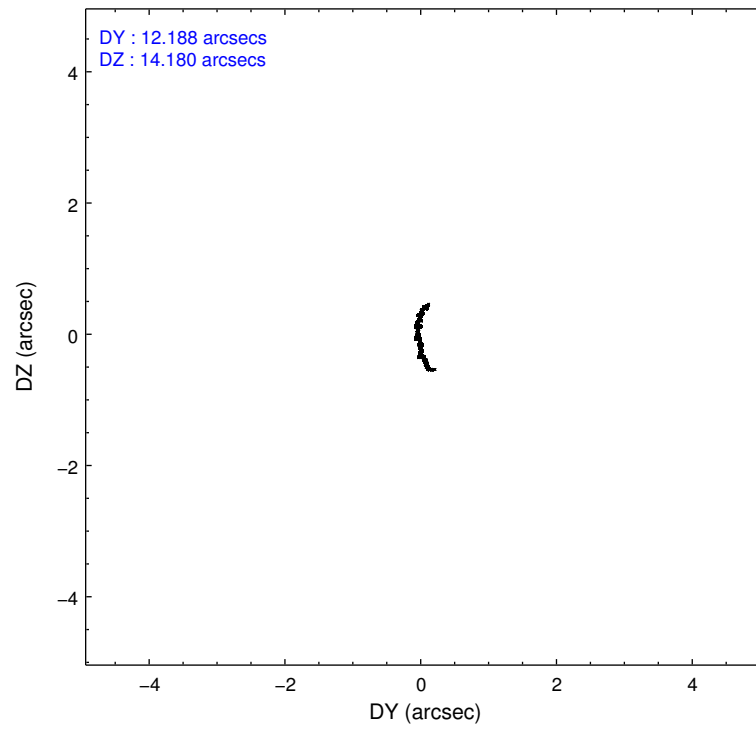
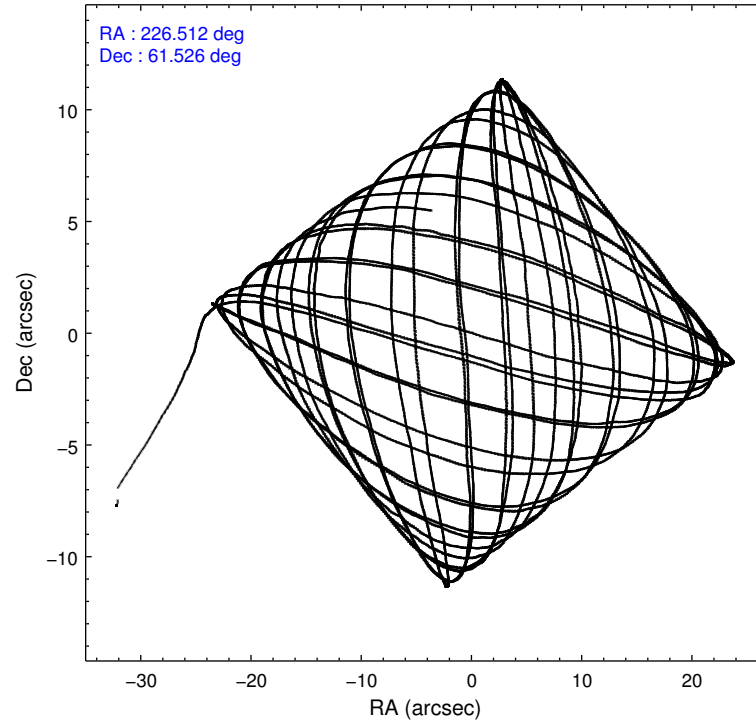
2.1.4 Events

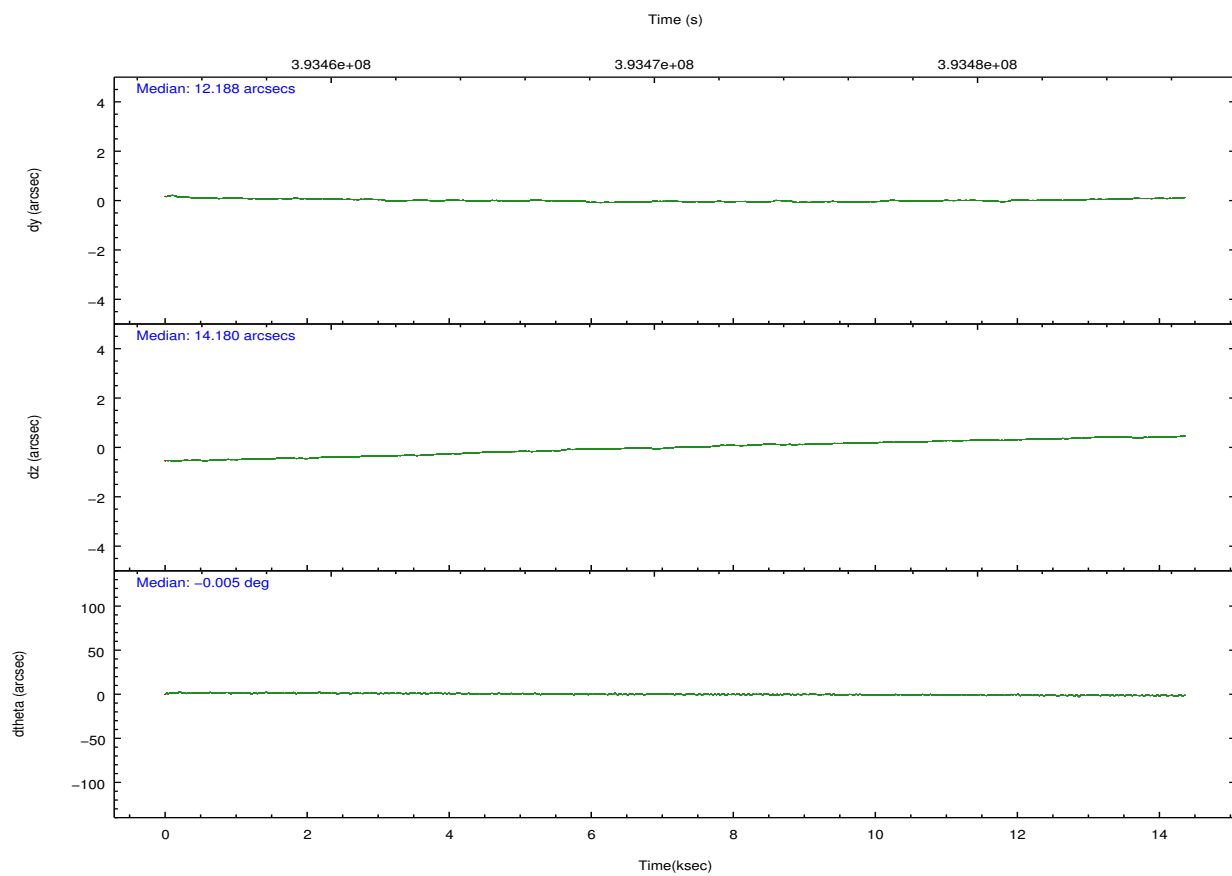
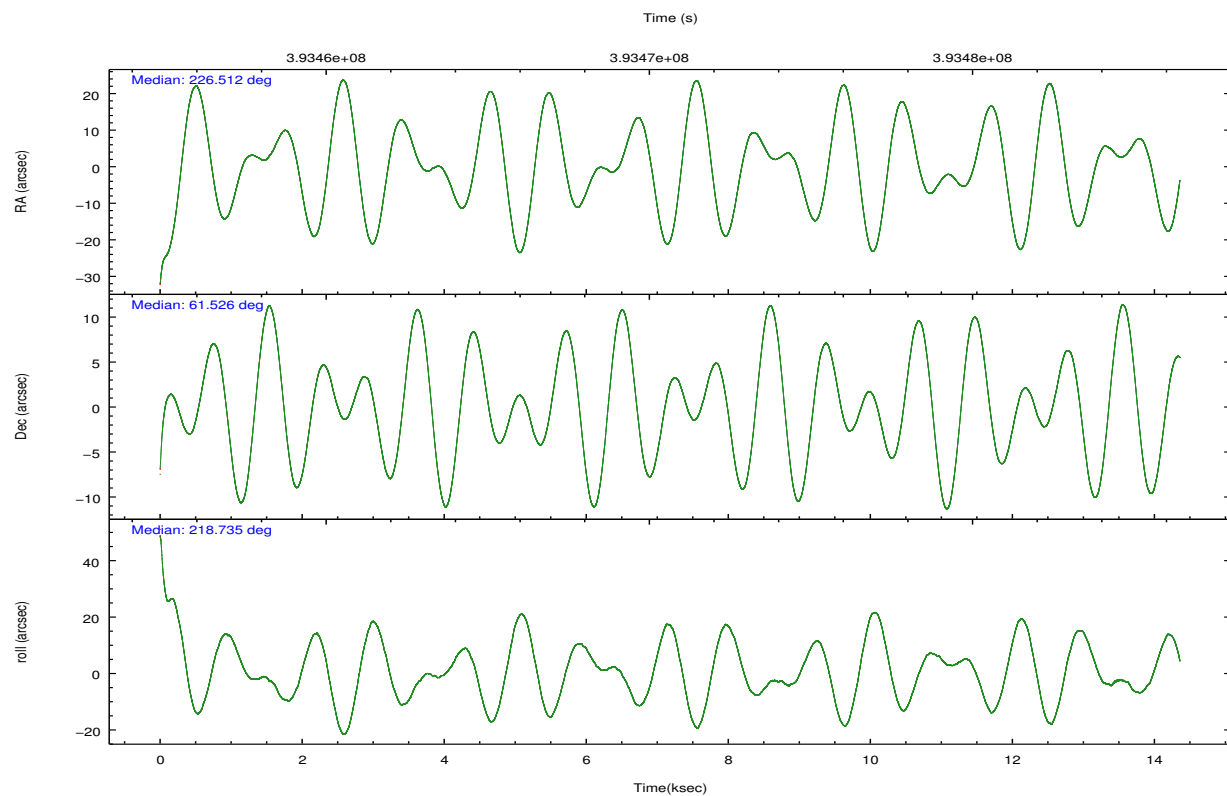
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	109220	100953	147523	103809	120935	134045	grade 0 events	3707	3579	4218	3760	5058	10146
rejected events	98874	91031	77095	92648	66414	100716		3%	3%	2%	3%	4%	7%
rejected %	90%	90%	52%	89%	54%	75%	grade 1 events	53	57	287	53	152	103
								0%	0%	0%	0%	0%	0%
							grade 2 events	2436	2057	21595	2556	11021	7815
								2%	2%	14%	2%	9%	5%
							grade 3 events	1052	1122	2444	1152	4694	3406
								0%	1%	1%	1%	3%	2%
							grade 4 events	1099	1088	2337	1114	4551	3162
								1%	1%	1%	1%	3%	2%
							grade 5 events	3746	4379	10576	4380	12267	6377
								3%	4%	7%	4%	10%	4%
							grade 6 events	2063	2077	39867	2587	29227	8813
								1%	2%	27%	2%	24%	6%
							grade 7 events	95064	86594	66199	88207	53965	94223
								87%	85%	44%	84%	44%	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	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	226.532094	226.5119101851946	CCD I2 on	O1	Y
[deg] Pointing Dec	61.551075	61.52545644652972	CCD I3 on	O2	Y
[deg] Pointing Roll	218.566915	218.7412937584248	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	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O3	Y
[s] Observation start time (MET)	393464106.184000	393462239.19931	CCD S5 on	N	N
Observation start date	2010-06-20T23:34:00	2010-06-20T23:03:59	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	393477496.184000	393478440.86264	On-chip summing requested	N	N
Observation end date	2010-06-21T03:17:10	2010-06-21T03:34:00	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



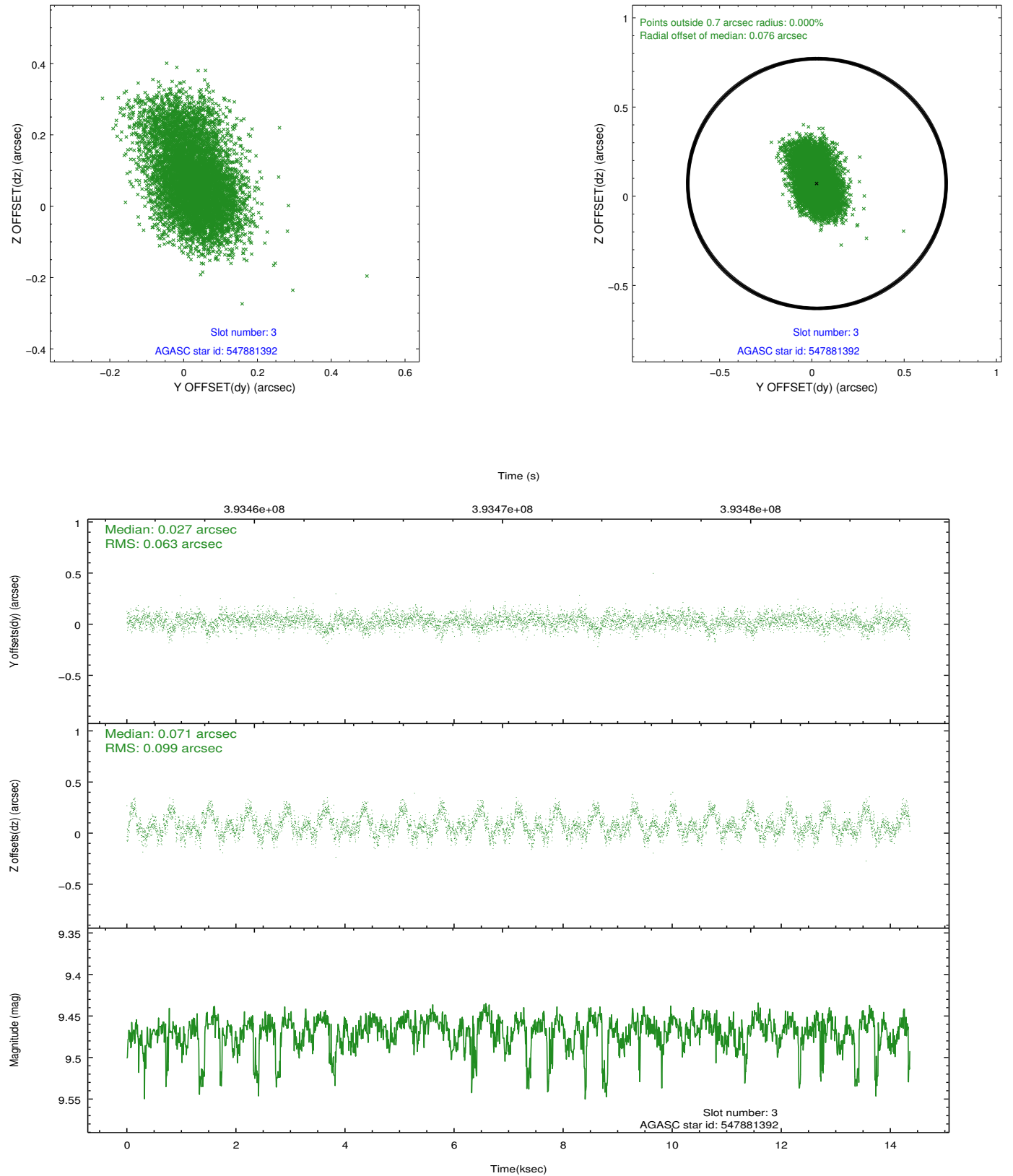


Slot Statistics

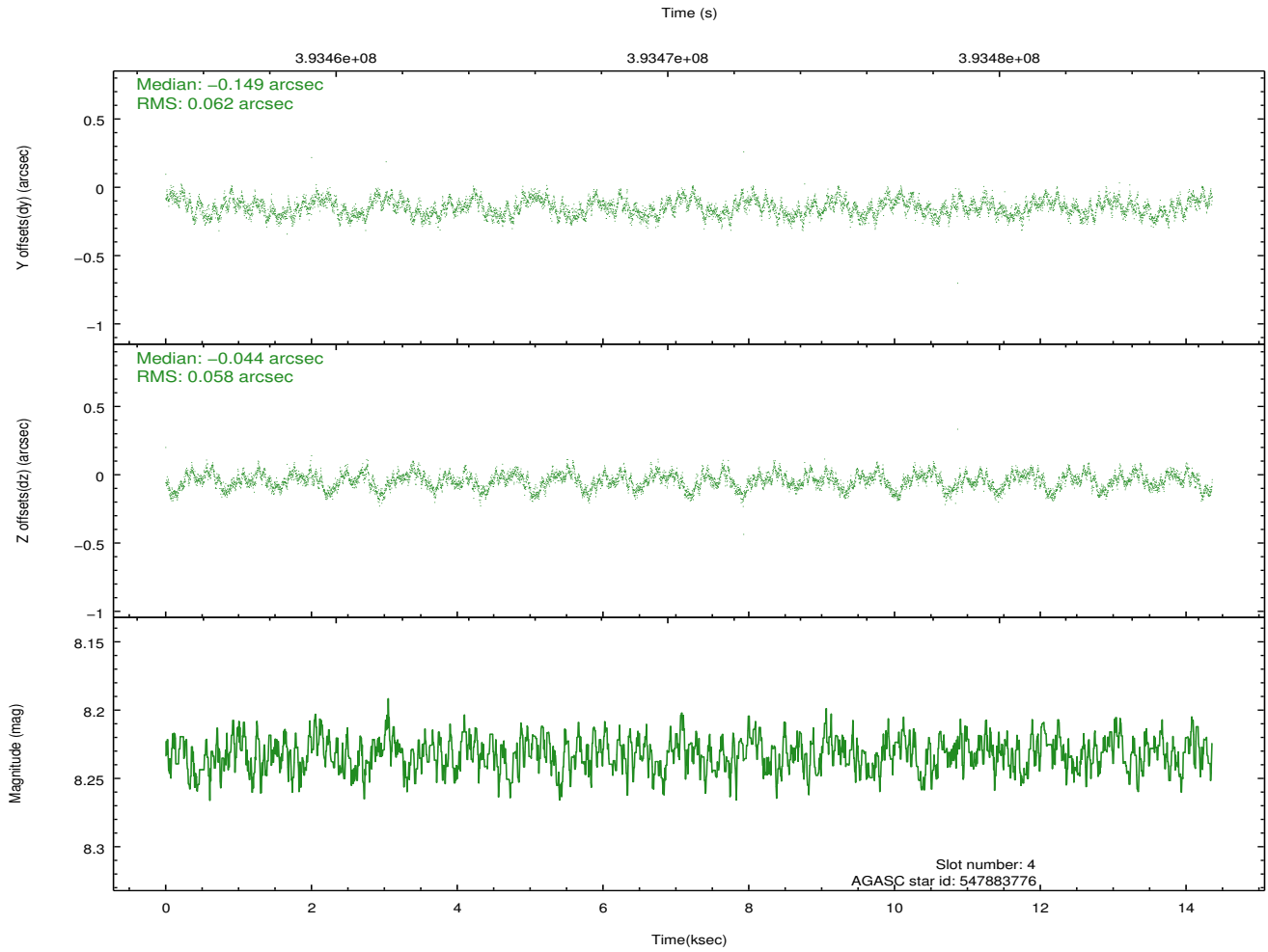
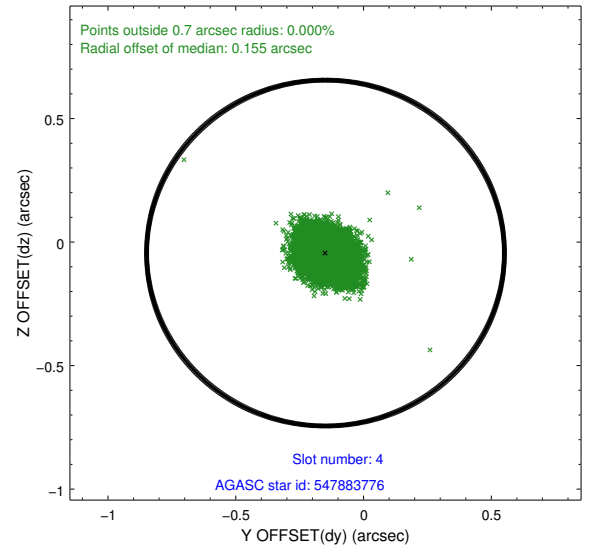
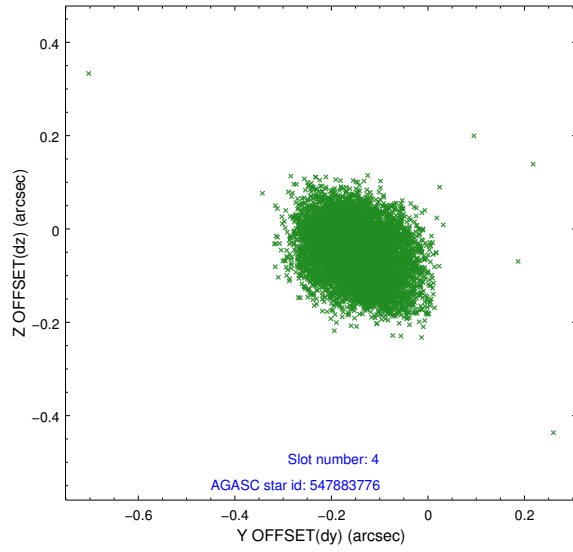
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	3503	-0.033	-0.021	0.011	0.018	0.000000	0.000000	-765.11	-1735.54
1	FID	ACIS-S-4	7.02	3503	0.116	0.022	0.008	0.014	0.000000	0.000000	2148.15	172.68
2	FID	ACIS-S-5	7.06	3500	-0.115	0.009	0.010	0.016	0.000000	0.000000	-1817.64	166.66
3	GUIDE	547881392	9.47	7002	0.027	0.071	0.123	0.209	225.616829	61.474497	1395.98	-773.58
4	GUIDE	547883776	8.23	7003	-0.149	-0.044	0.092	0.142	227.241122	61.741341	-1375.72	212.92
5	GUIDE	547885568	9.04	6998	-0.029	0.155	0.089	0.146	226.684869	61.821599	-810.17	-599.76
6	GUIDE	547891656	7.69	6999	0.132	-0.163	0.082	0.147	224.663914	61.666906	2207.43	-2351.43
7	GUIDE	547886432	9.66	6996	0.024	-0.028	0.133	0.209	227.814978	61.210252	-987.83	2329.29

2.4 Star Slots

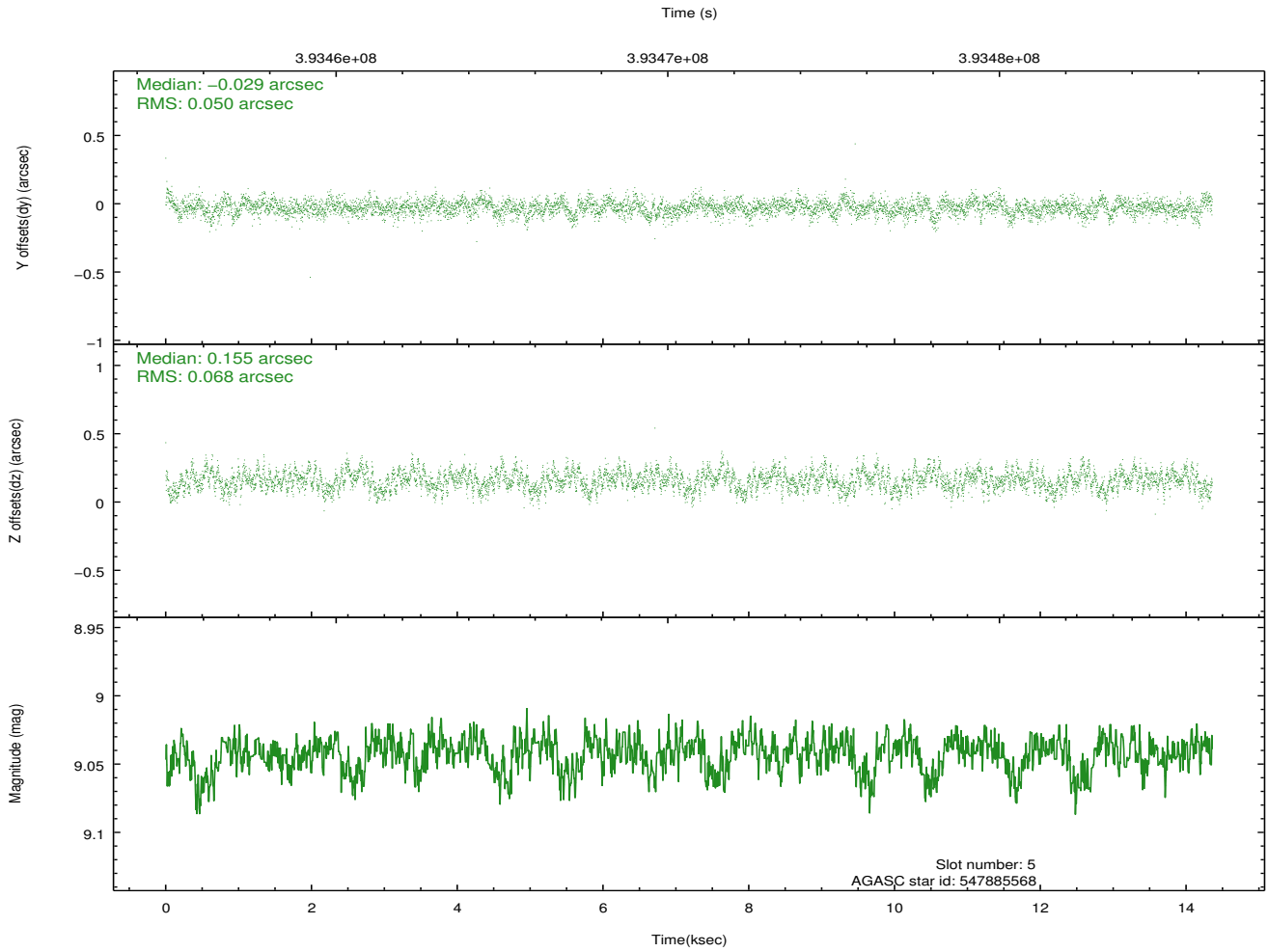
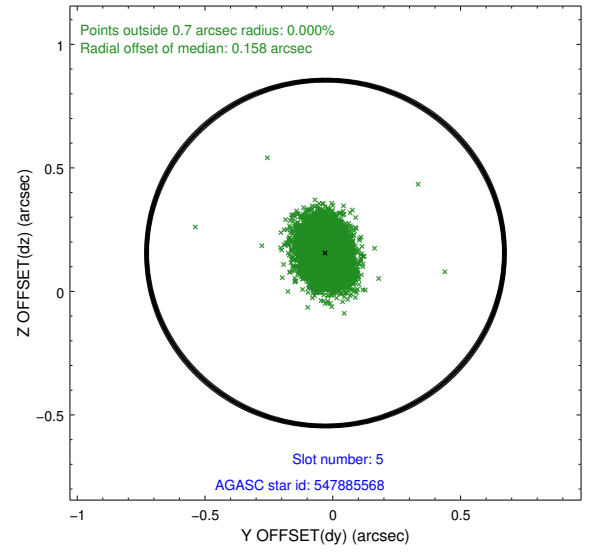
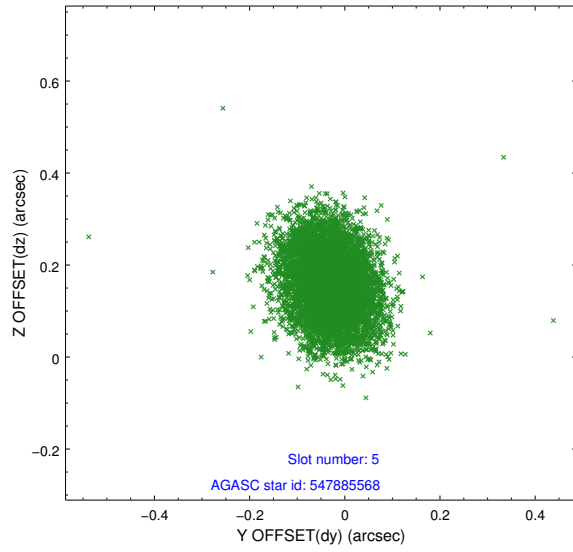
2.4.1 Slot 3



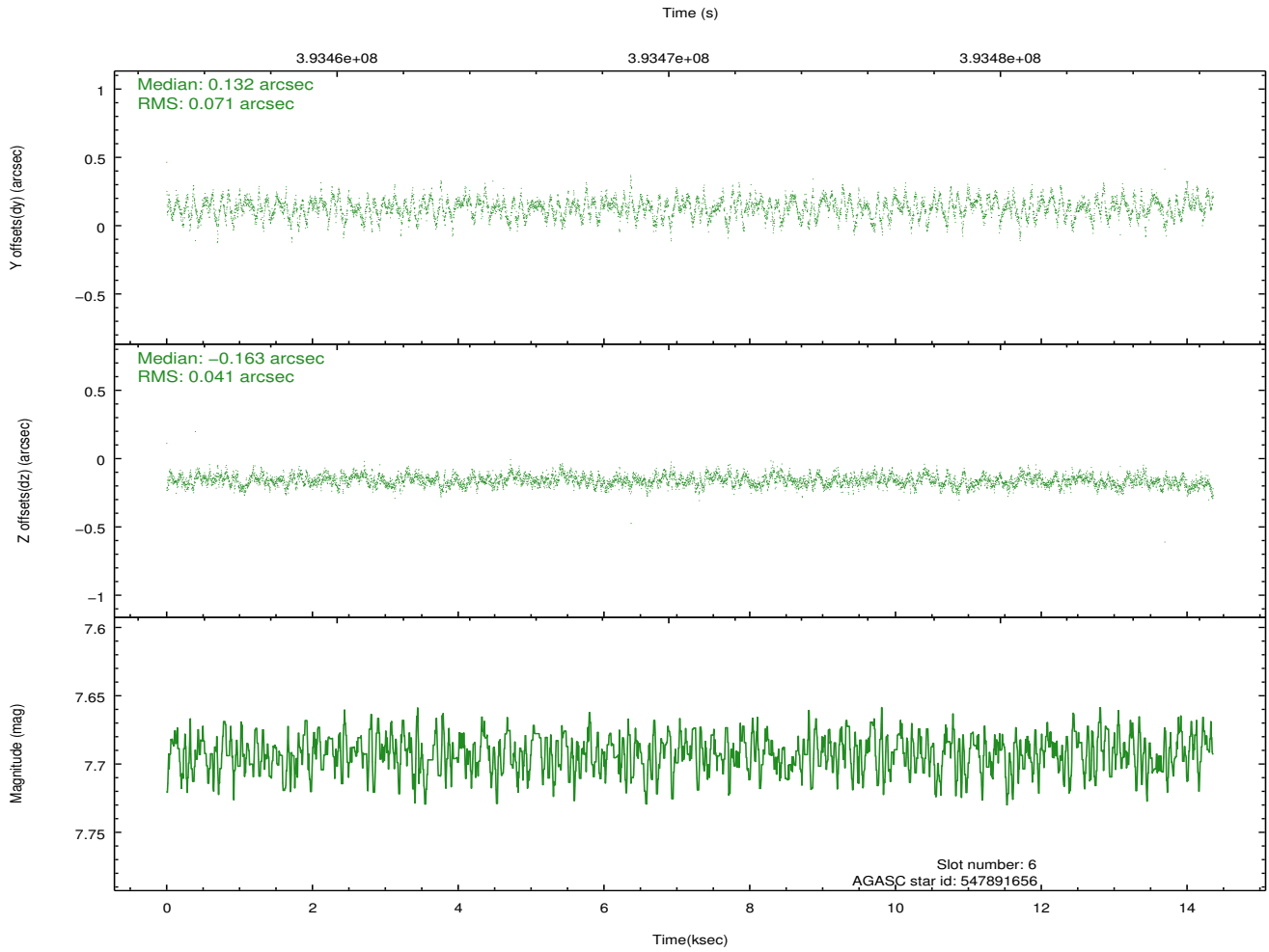
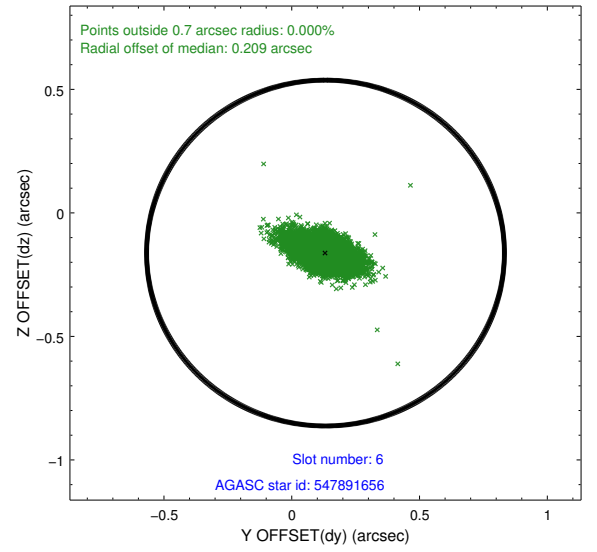
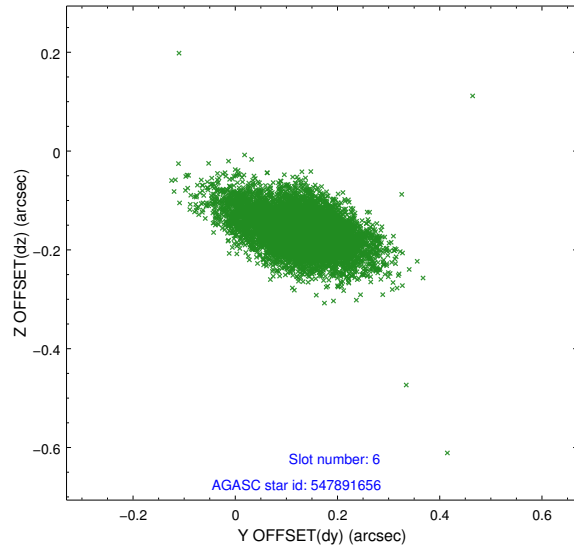
2.4.2 Slot 4



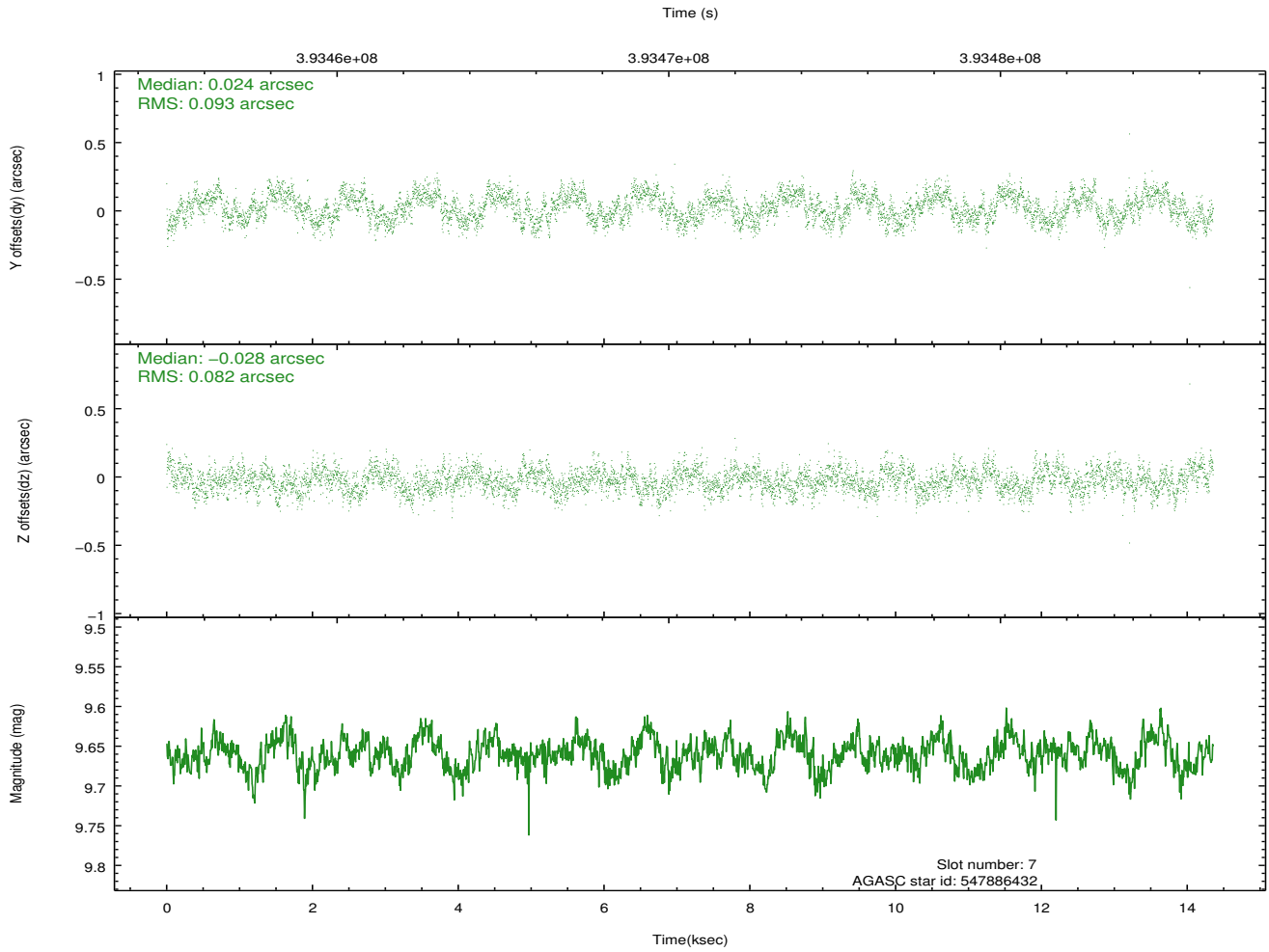
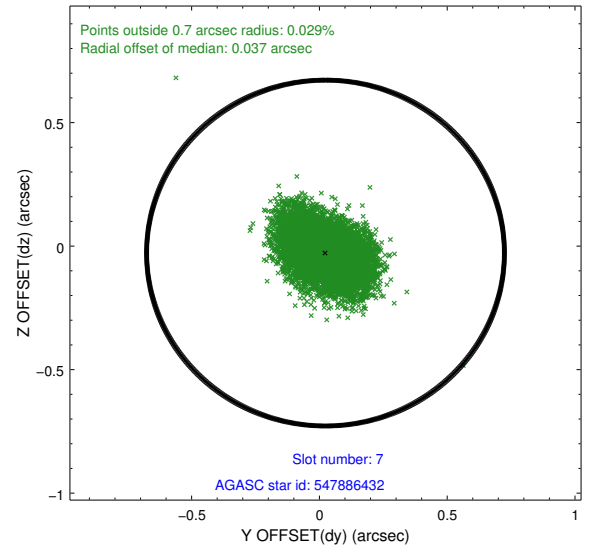
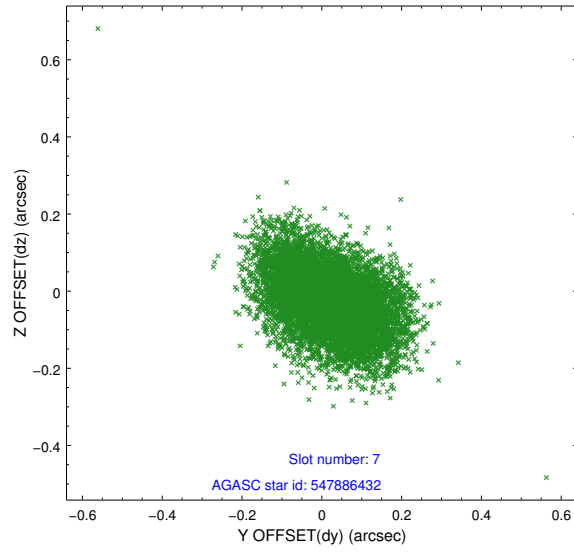
2.4.3 Slot 5



2.4.4 Slot 6

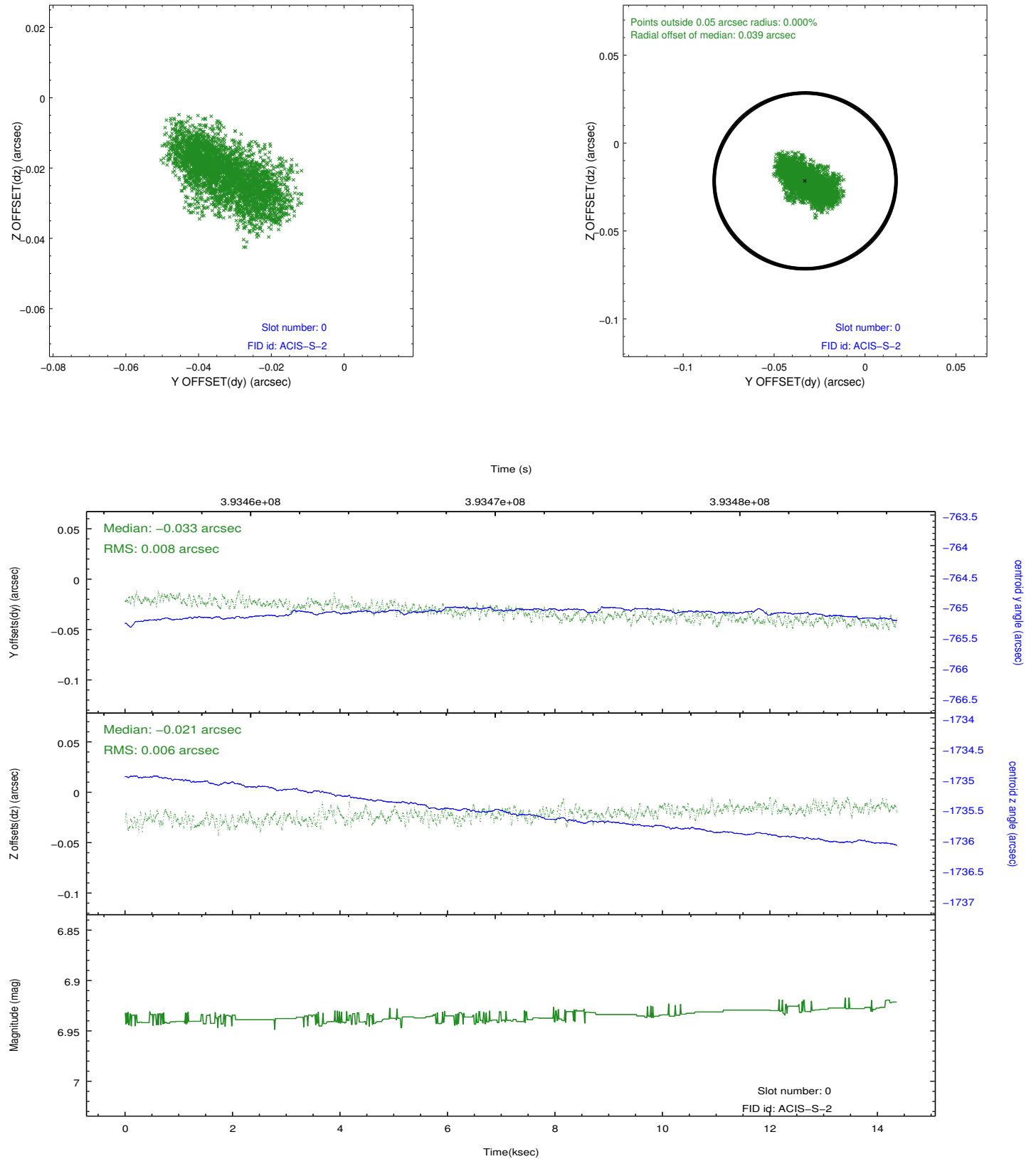


2.4.5 Slot 7

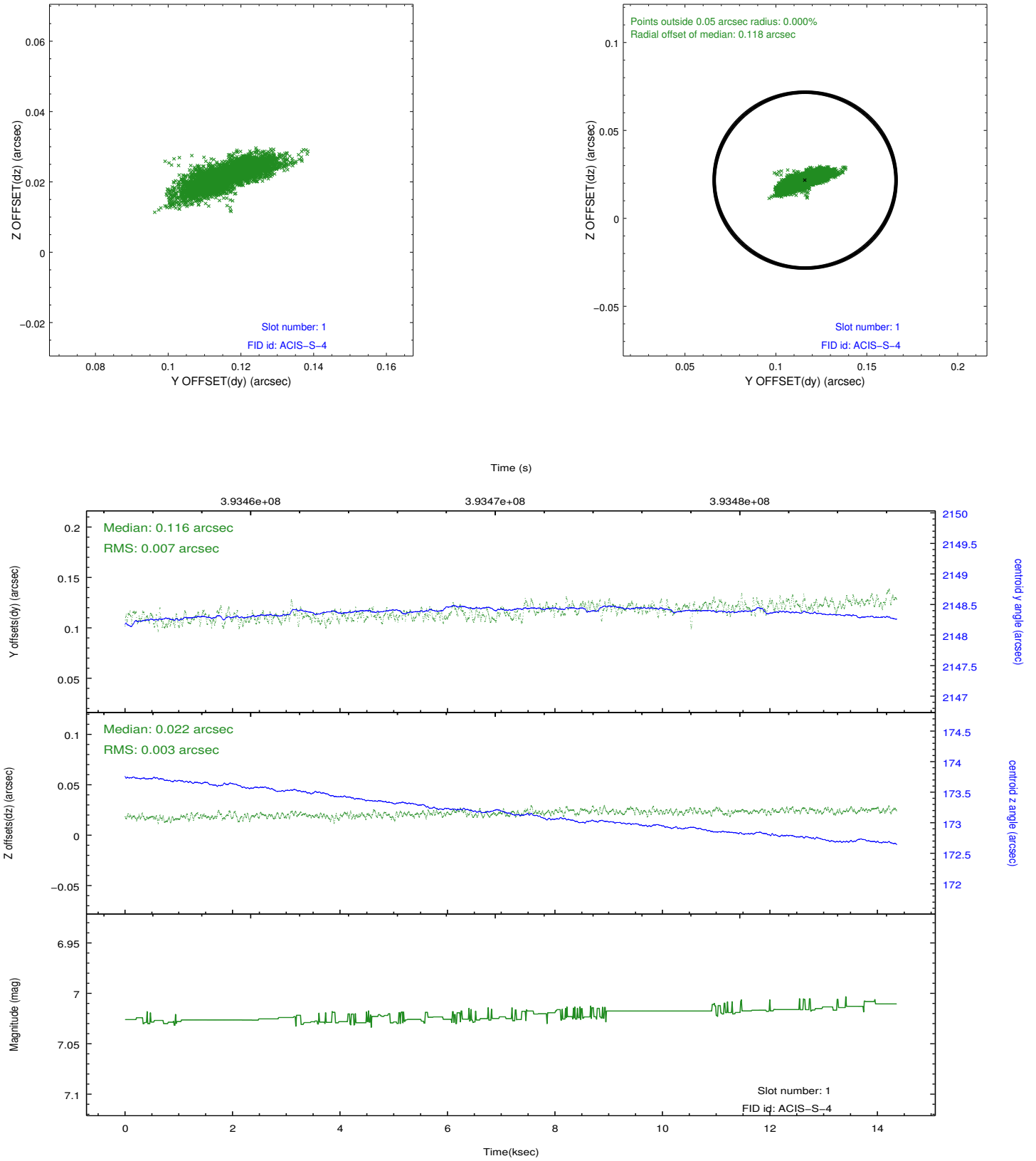


2.5 FID Slots

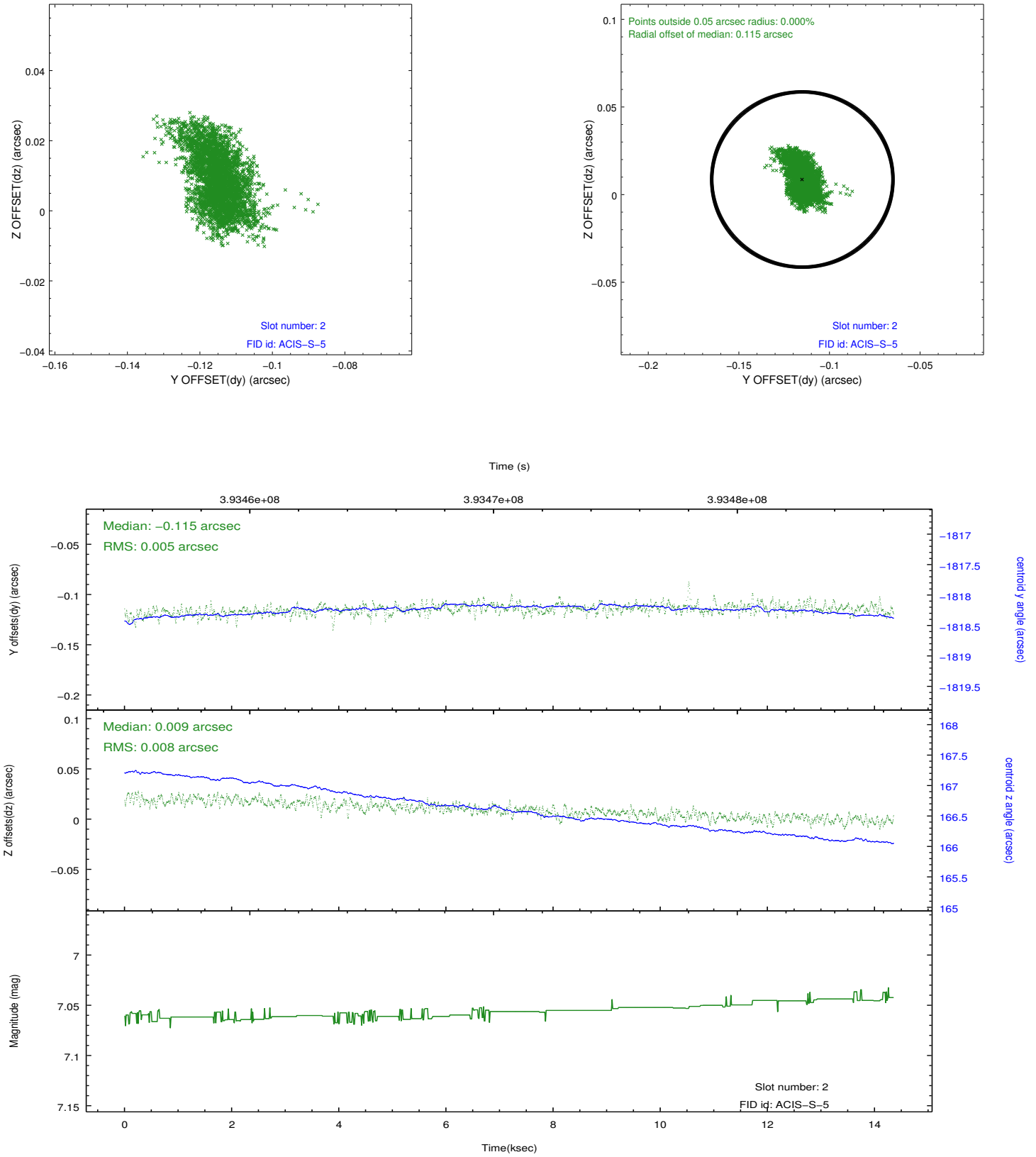
2.5.1 Slot 0



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)	2012.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.433599950016

A.2 Comments

Joint proposal: HST