

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11263 - L2 Version 2
Chandra X-Ray Center

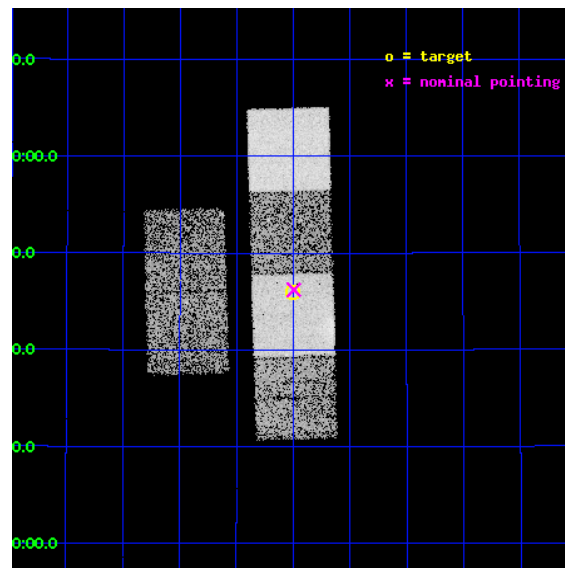
L2 Processing Date : Jun 29 2012

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1 Front

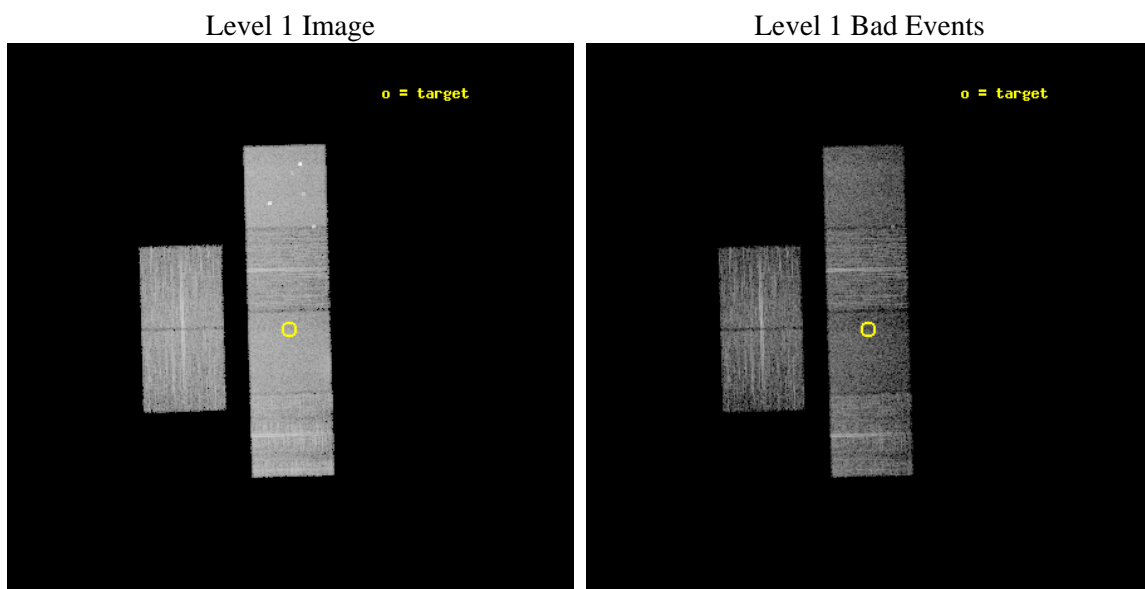
seq_num	600782	Sequence number
obs_id	11263	Observation id
title	Snapshots of Isolated Elliptical Galaxies	Proposal title
observer	Dr. DAVID BUOTE	Principal investigator
object	IC 278	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	45.376667	Observer's specified target RA [deg]
dec_targ	37.766	Observer's specified target Dec [deg]
ra_nom	45.373586695778	Nominal RA [deg]
dec_nom	37.770164574978	Nominal Dec [deg]
roll_nom	88.407810621767	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7254.3999730349	Sum of GTIs [s]
livetime	7162.540392501	Livetime [s]
ontime2	7254.3999730349	Sum of GTIs [s]
ontime3	7254.3999730349	Sum of GTIs [s]
ontime5	7254.3999730349	Sum of GTIs [s]
ontime6	7254.3999730349	Sum of GTIs [s]
ontime7	7254.3999730349	Sum of GTIs [s]
ontime8	7247.9179925919	Sum of GTIs [s]
l2events	89297	Number of level 2 events



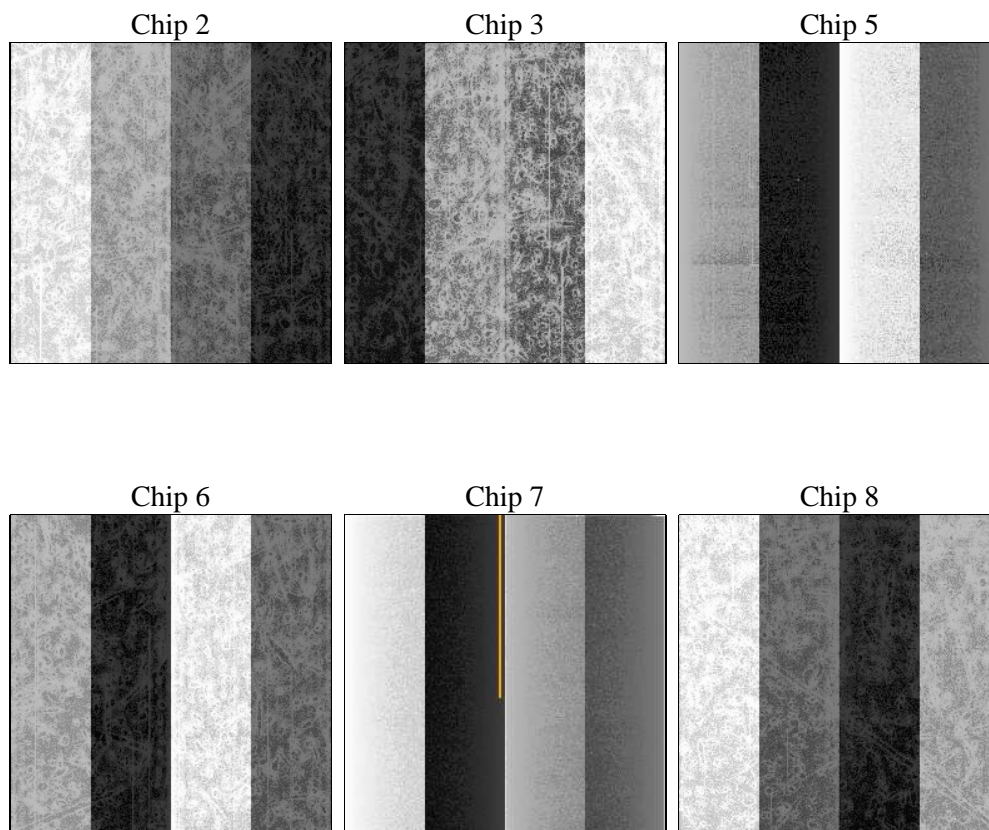
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7254.3999730349	Sum of GTIs [s]
caldbver	4.5.0	 	ontime2	7254.3999730349	Sum of GTIs [s]
date	2012-06-29T09:39:16	Date and time of file creation	ontime3	7254.3999730349	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	7254.3999730349	Sum of GTIs [s]
			ontime6	7254.3999730349	Sum of GTIs [s]
			ontime7	7254.3999730349	Sum of GTIs [s]
			ontime8	7247.9179925919	Sum of GTIs [s]
			l1events	383777	Number of level 1 events

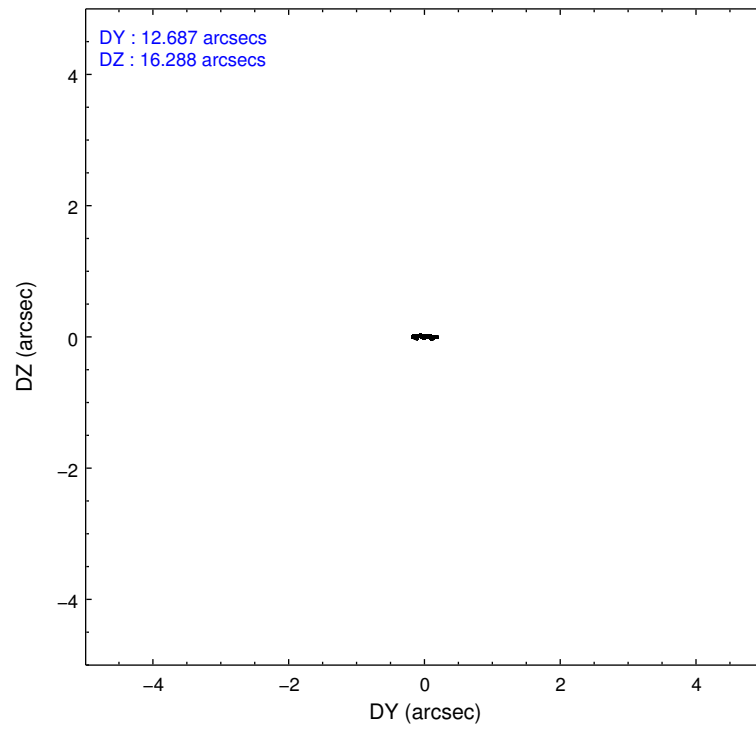
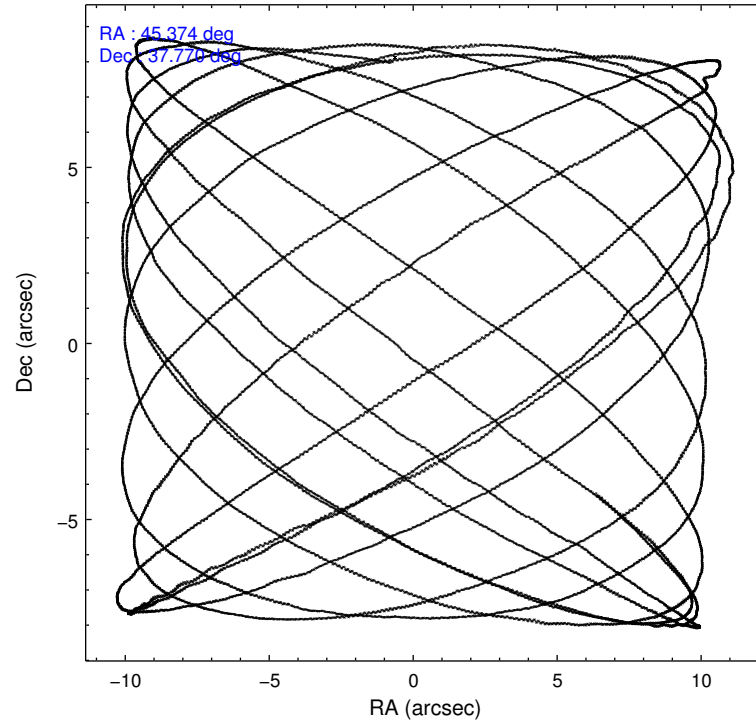
2.1.4 Events

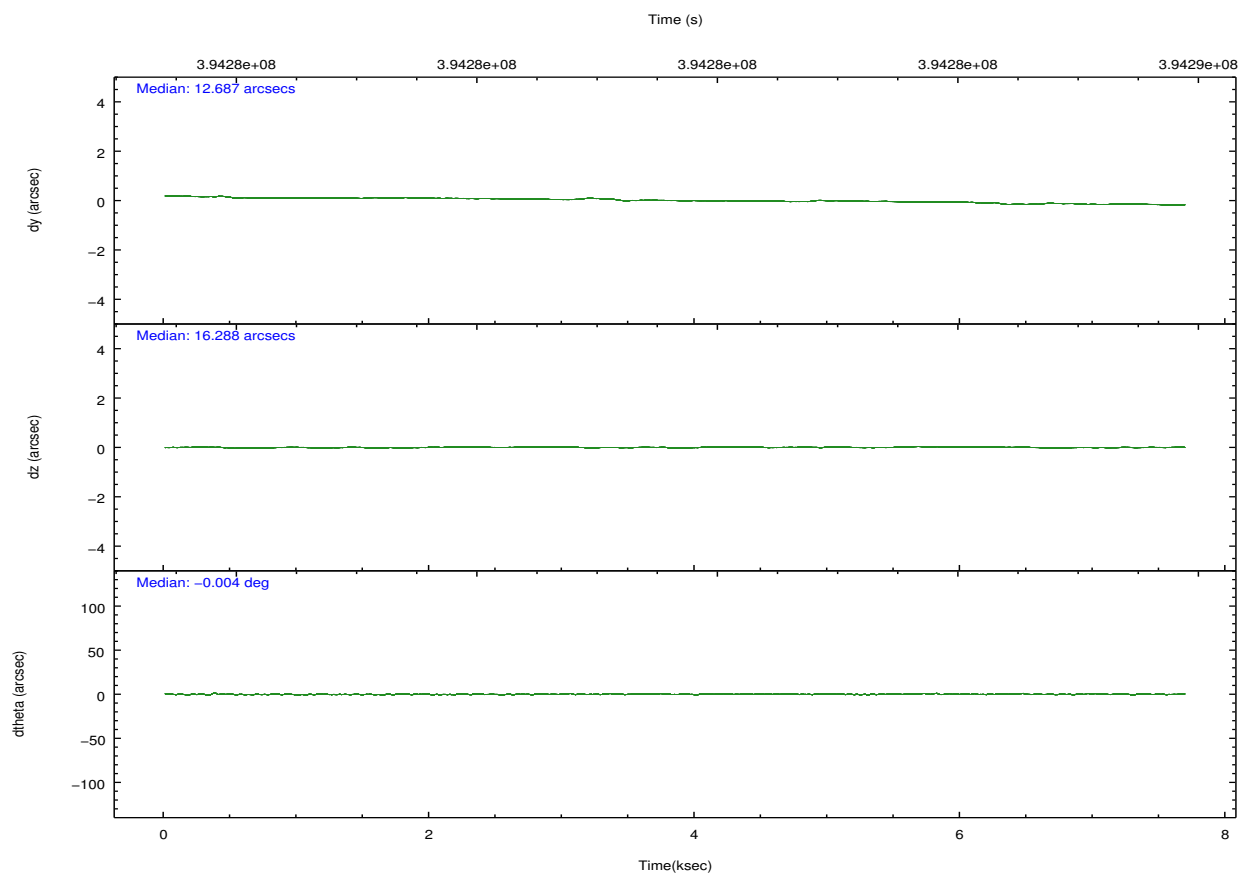
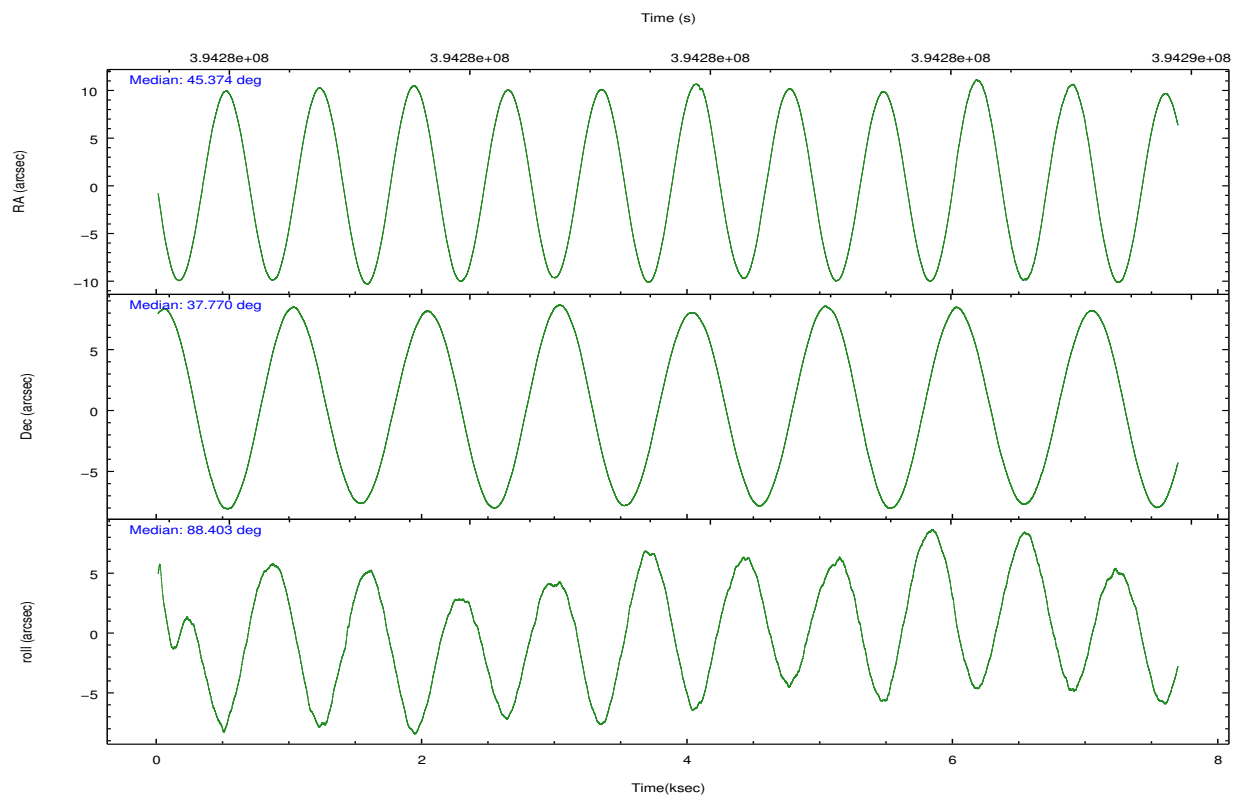
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	54880	52206	82527	55472	66143	72549	grade 0 events	2097	1979	5040	2116	3338	5623
rejected events	49202	46767	40349	49338	34966	53803		3%	3%	6%	3%	5%	7%
rejected %	89%	89%	48%	88%	52%	74%	grade 1 events	31	35	233	29	64	65
								0%	0%	0%	0%	0%	0%
							grade 2 events	1345	1188	12802	1419	6556	4384
								2%	2%	15%	2%	9%	6%
							grade 3 events	593	620	1656	629	2813	1871
								1%	1%	2%	1%	4%	2%
							grade 4 events	613	599	1581	660	2784	1754
								1%	1%	1%	1%	4%	2%
							grade 5 events	2043	2391	6220	2382	6729	3519
								3%	4%	7%	4%	10%	4%
							grade 6 events	1030	1055	21116	1311	15699	5117
								1%	2%	25%	2%	23%	7%
							grade 7 events	47128	44339	33879	46926	28160	50216
								85%	84%	41%	84%	42%	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	45.390456	45.37358669577769	CCD I2 on	O2	Y
[deg] Pointing Dec	37.746323	37.77016457497829	CCD I3 on	Y	Y
[deg] Pointing Roll	88.240861	88.40781062176707	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	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	O1	Y
[s] Observation start time (MET)	394277993.184000	394277573.44093	CCD S5 on	N	N
Observation start date	2010-06-30T09:38:47	2010-06-30T09:32:53	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	394285493.184000	394286302.85388	On-chip summing requested	N	N
Observation end date	2010-06-30T11:43:47	2010-06-30T11:58:22	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



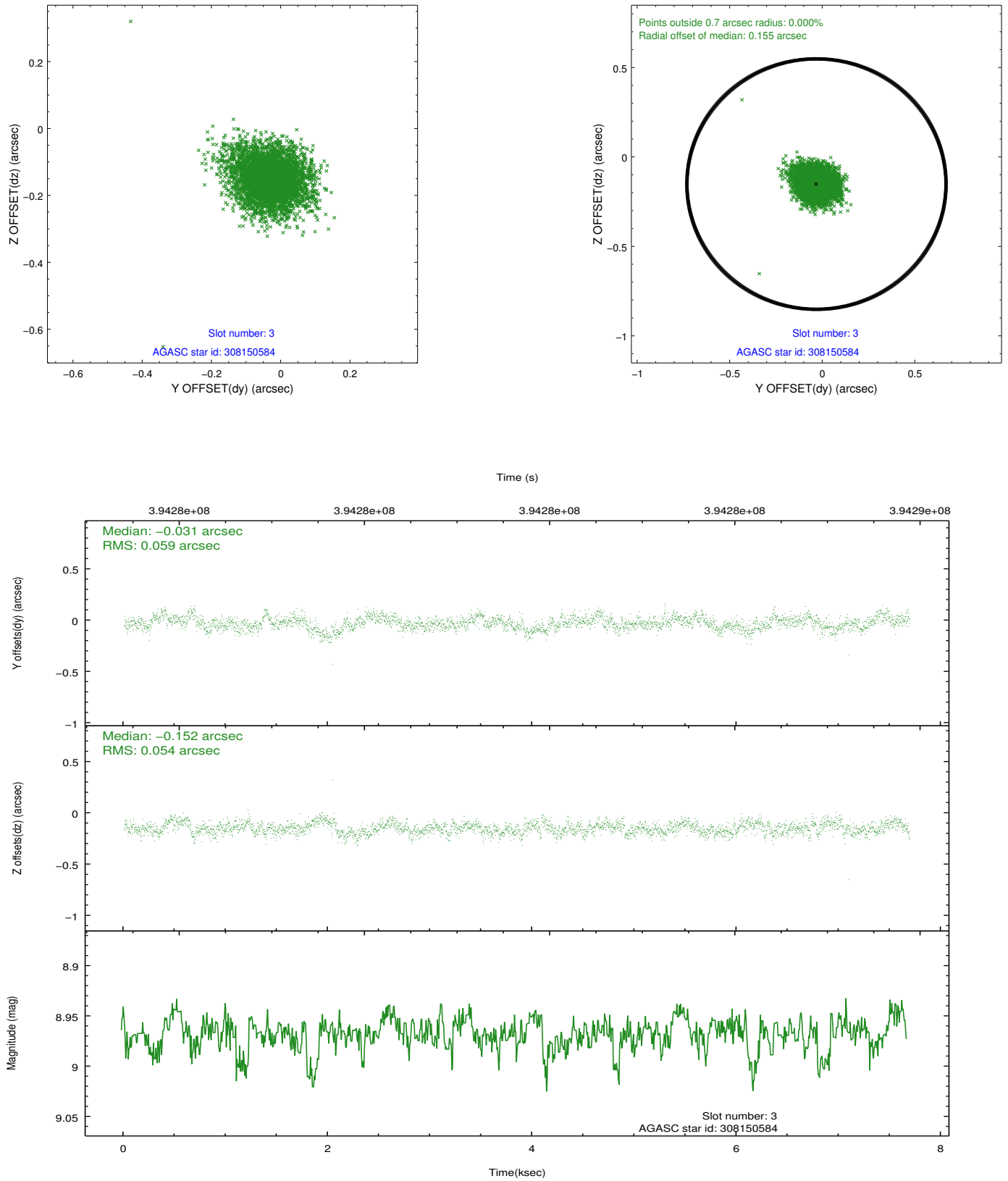


Slot Statistics

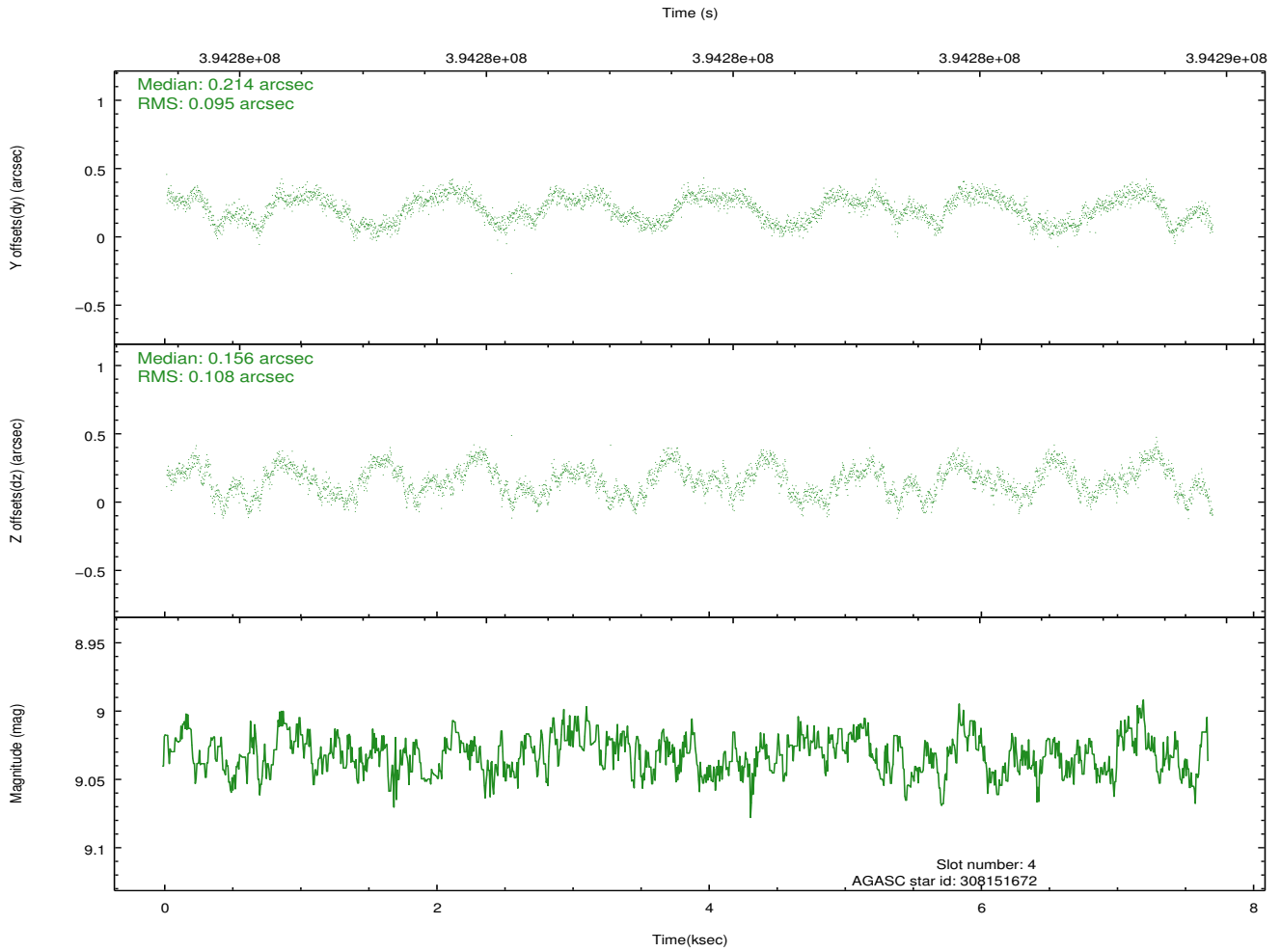
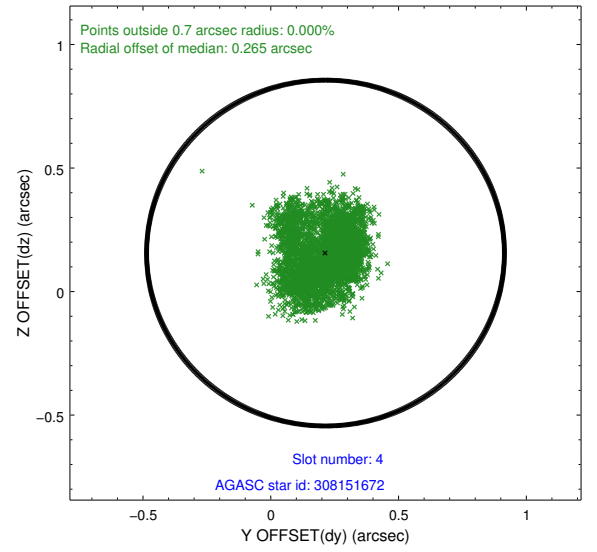
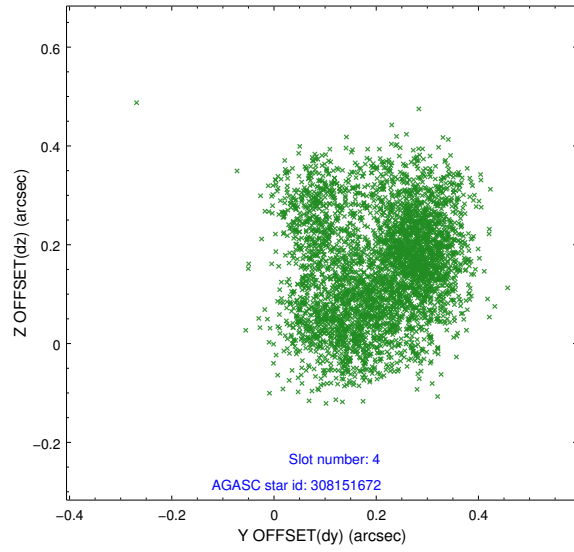
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	1875	-0.027	-0.005	0.007	0.011	0.000000	0.000000	-765.62	-1737.71
1	FID	ACIS-S-4	6.99	1875	0.131	0.015	0.007	0.013	0.000000	0.000000	2147.47	170.04
2	FID	ACIS-S-5	7.01	1875	-0.134	-0.001	0.008	0.014	0.000000	0.000000	-1817.63	164.52
3	GUIDE	308150584	8.97	3744	-0.031	-0.152	0.083	0.136	45.004794	37.427416	-1178.85	1066.77
4	GUIDE	308151672	9.03	3748	0.214	0.156	0.159	0.232	45.893578	37.366213	-1319.64	-1480.72
5	GUIDE	308155432	9.17	3733	0.234	0.142	0.109	0.166	45.542218	37.119740	-2240.73	-505.14
6	GUIDE	373038080	7.45	3749	-0.283	-0.231	0.071	0.121	44.727755	38.403549	2313.50	1941.72
7	GUIDE	373168104	7.34	3749	-0.129	0.085	0.082	0.131	46.039194	38.079499	1262.77	-1799.62

2.4 Star Slots

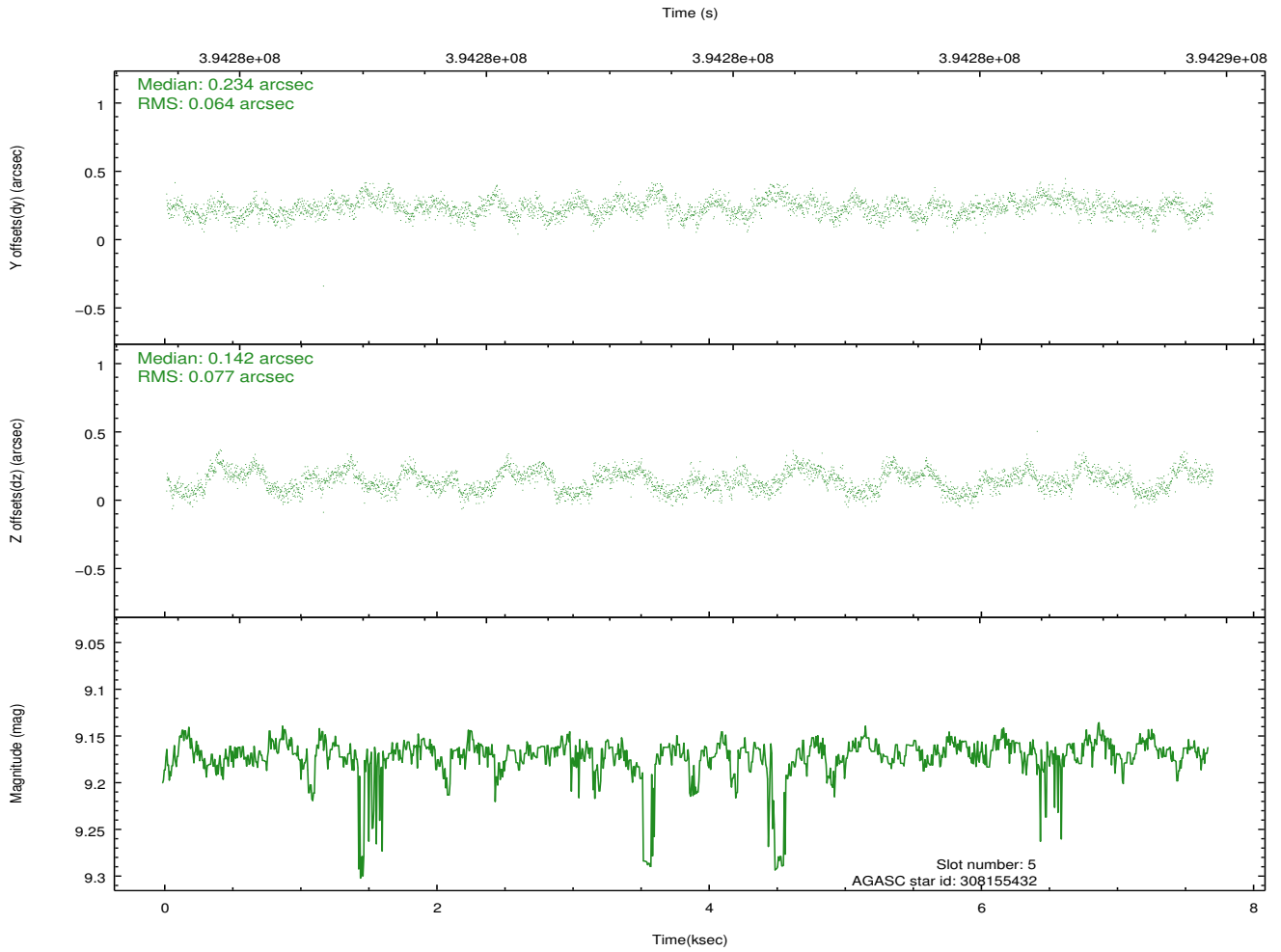
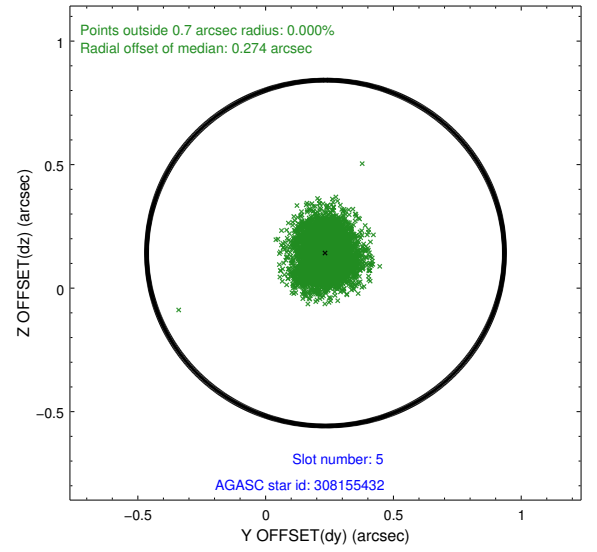
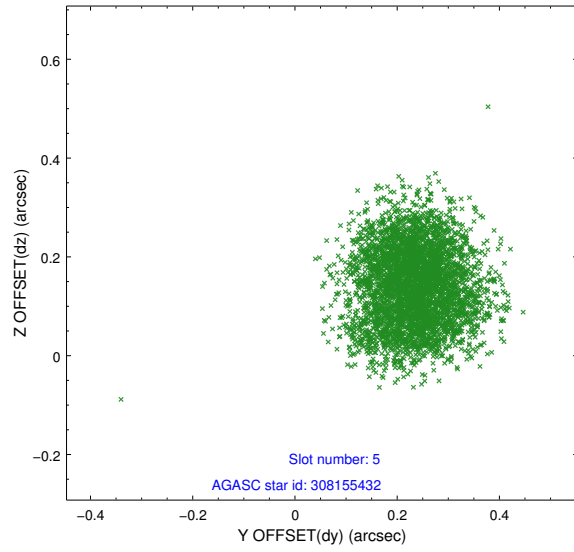
2.4.1 Slot 3



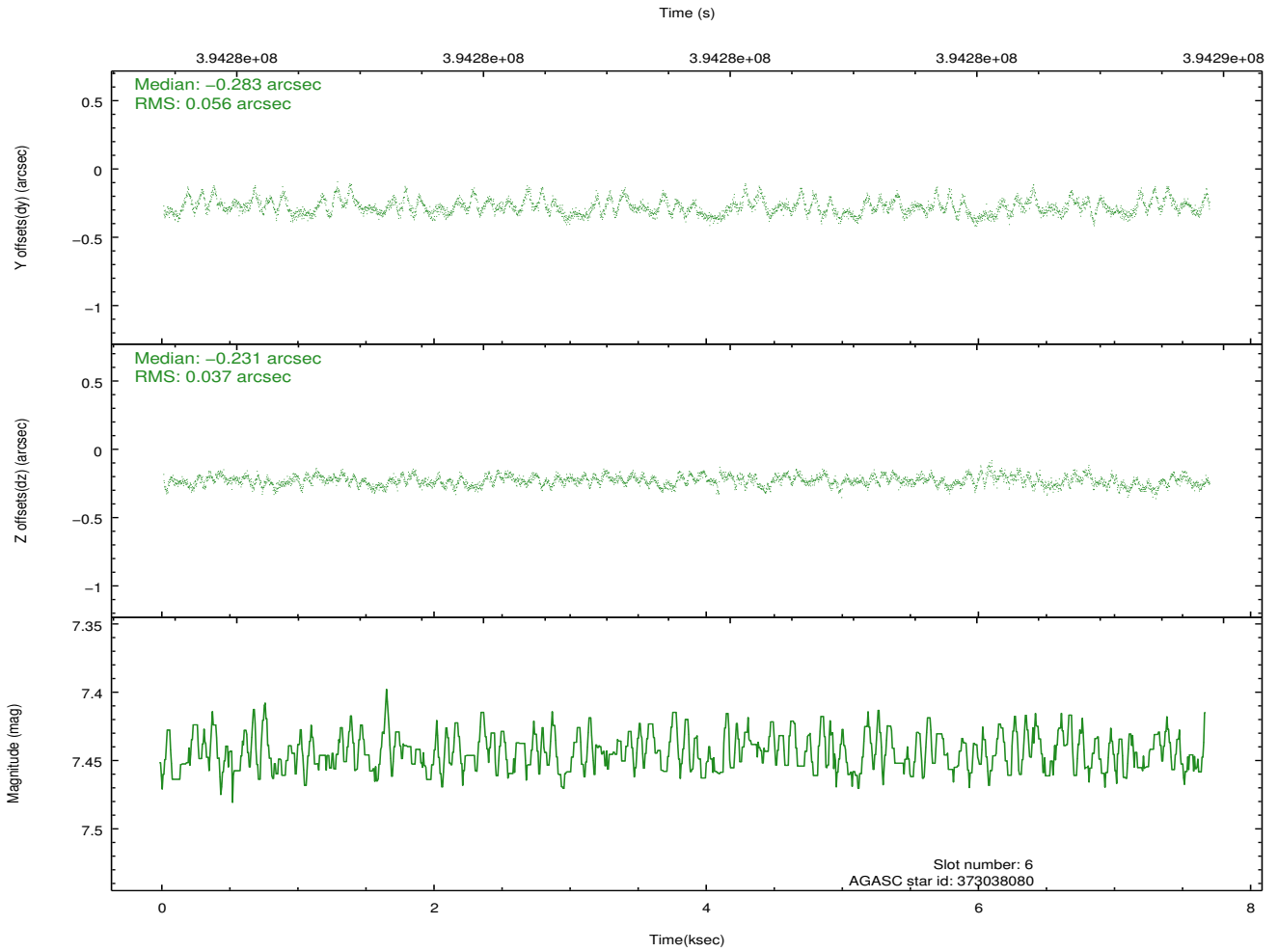
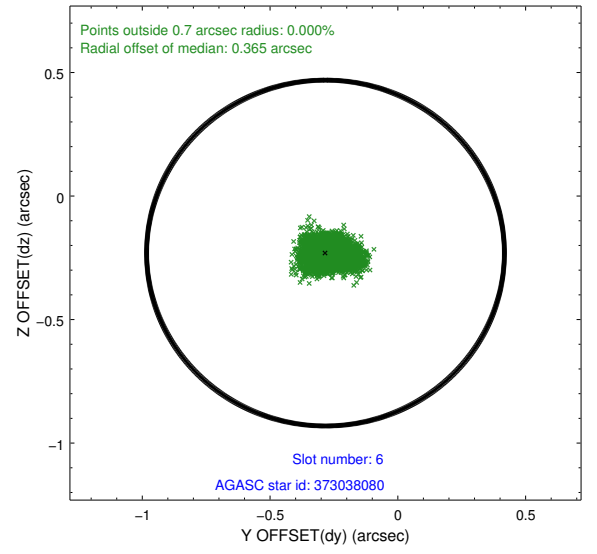
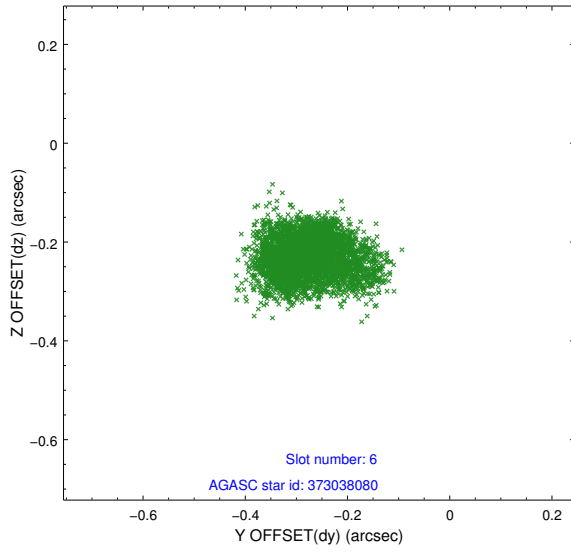
2.4.2 Slot 4



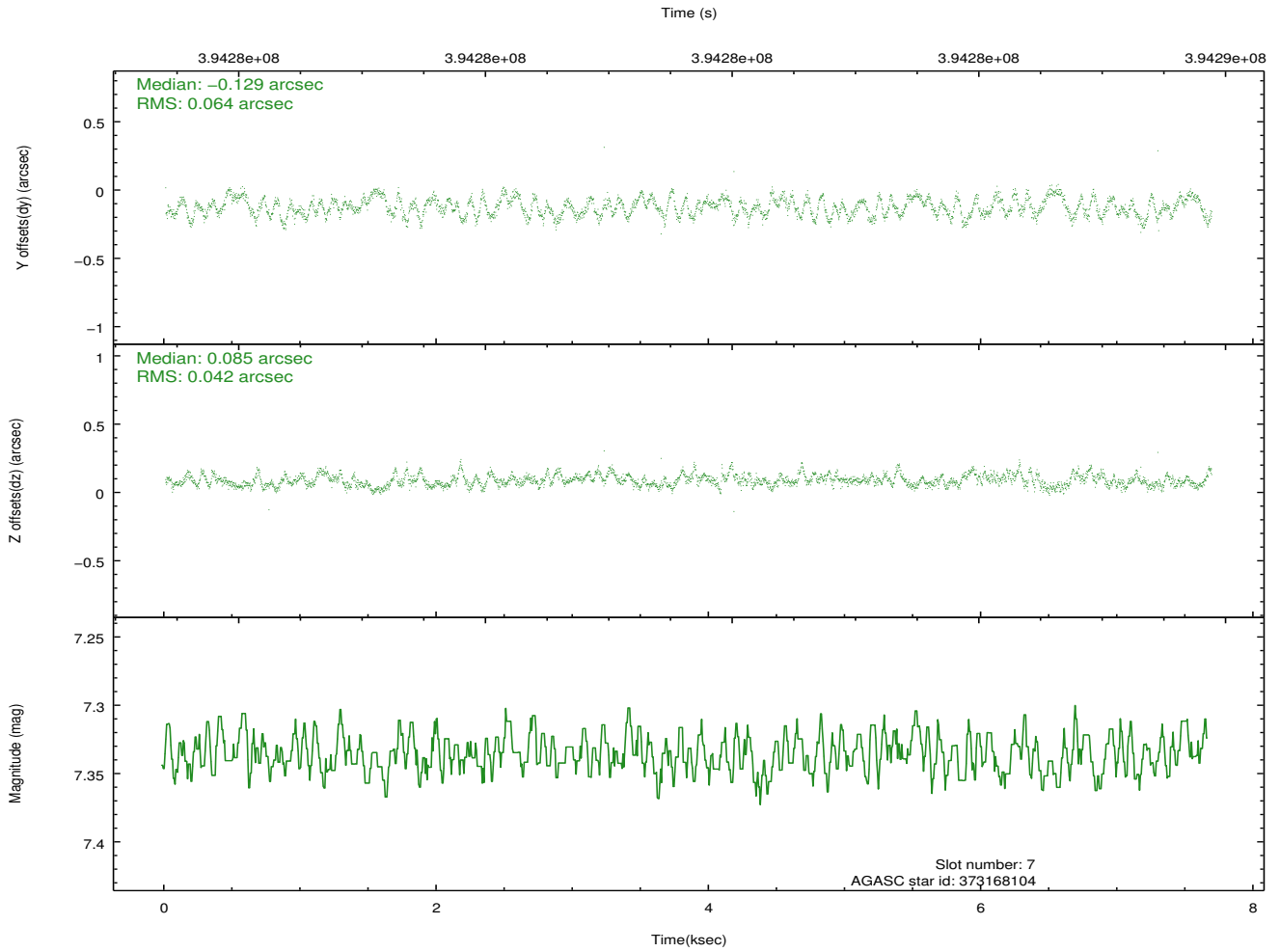
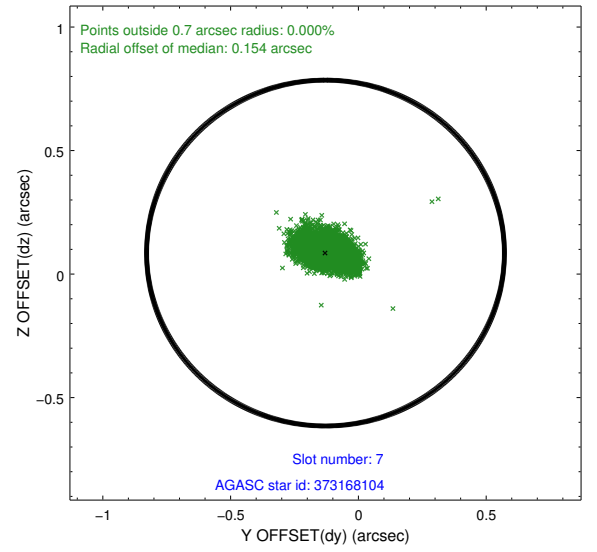
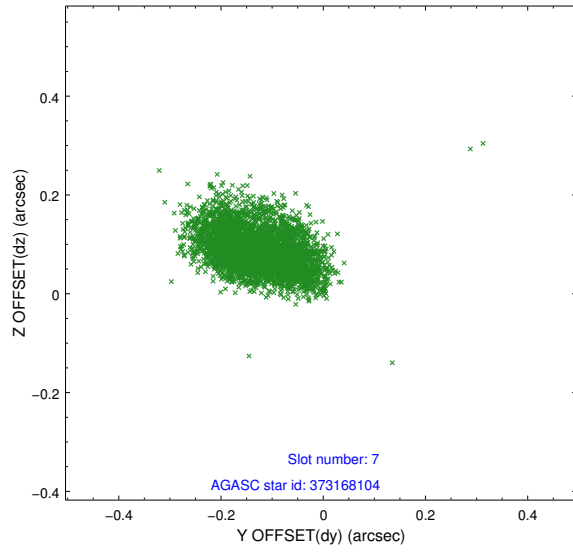
2.4.3 Slot 5



2.4.4 Slot 6

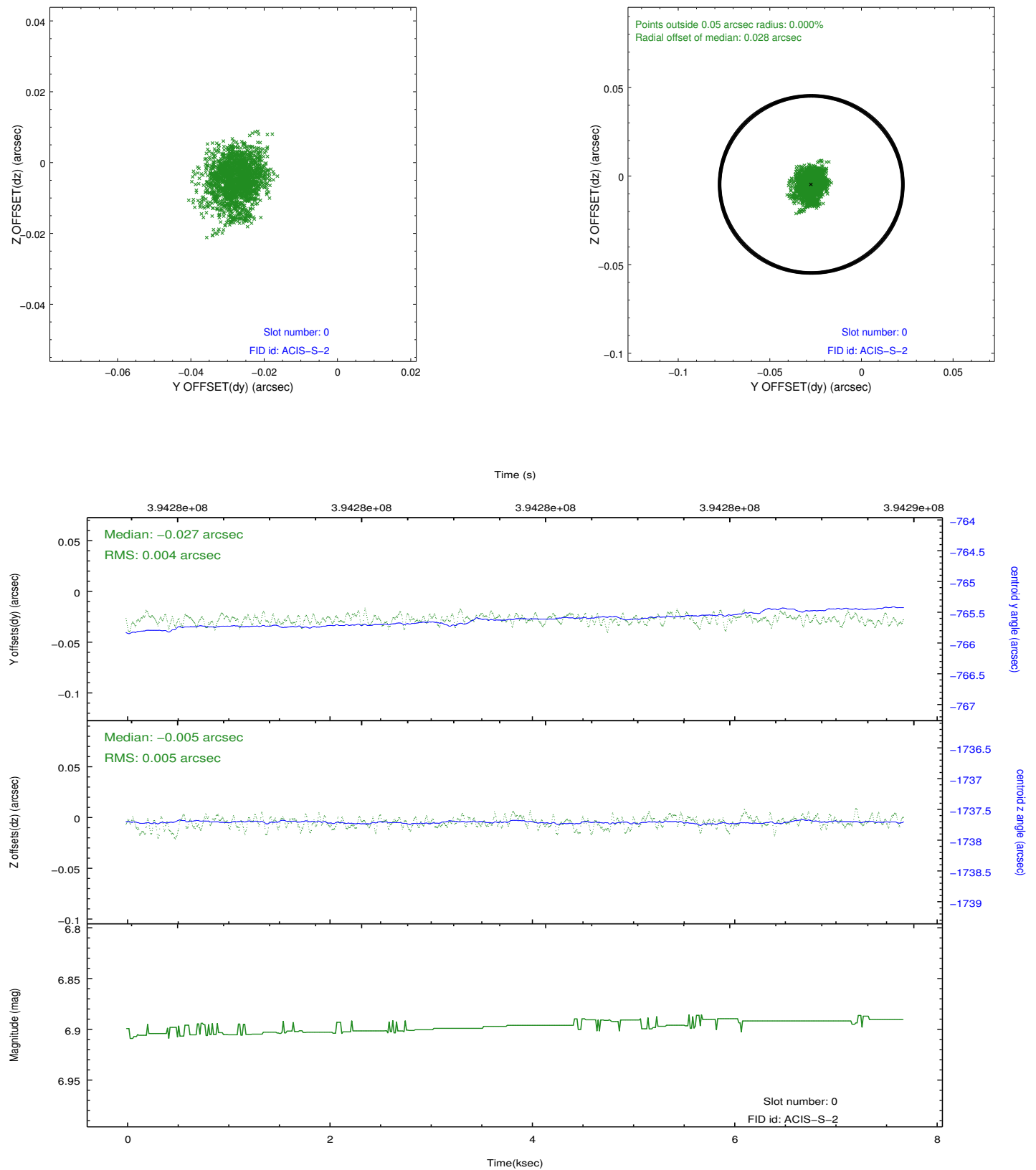


2.4.5 Slot 7

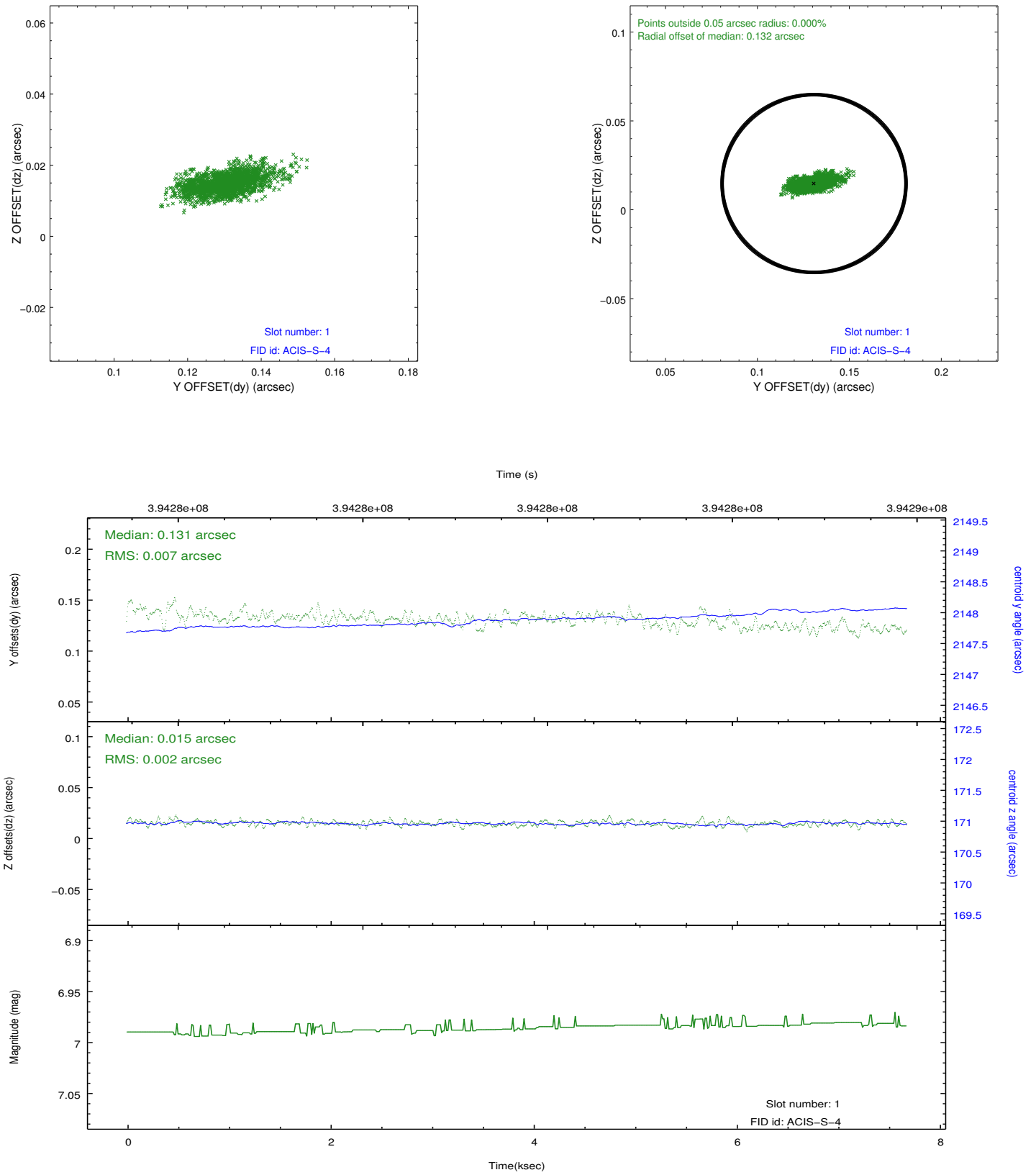


2.5 FID Slots

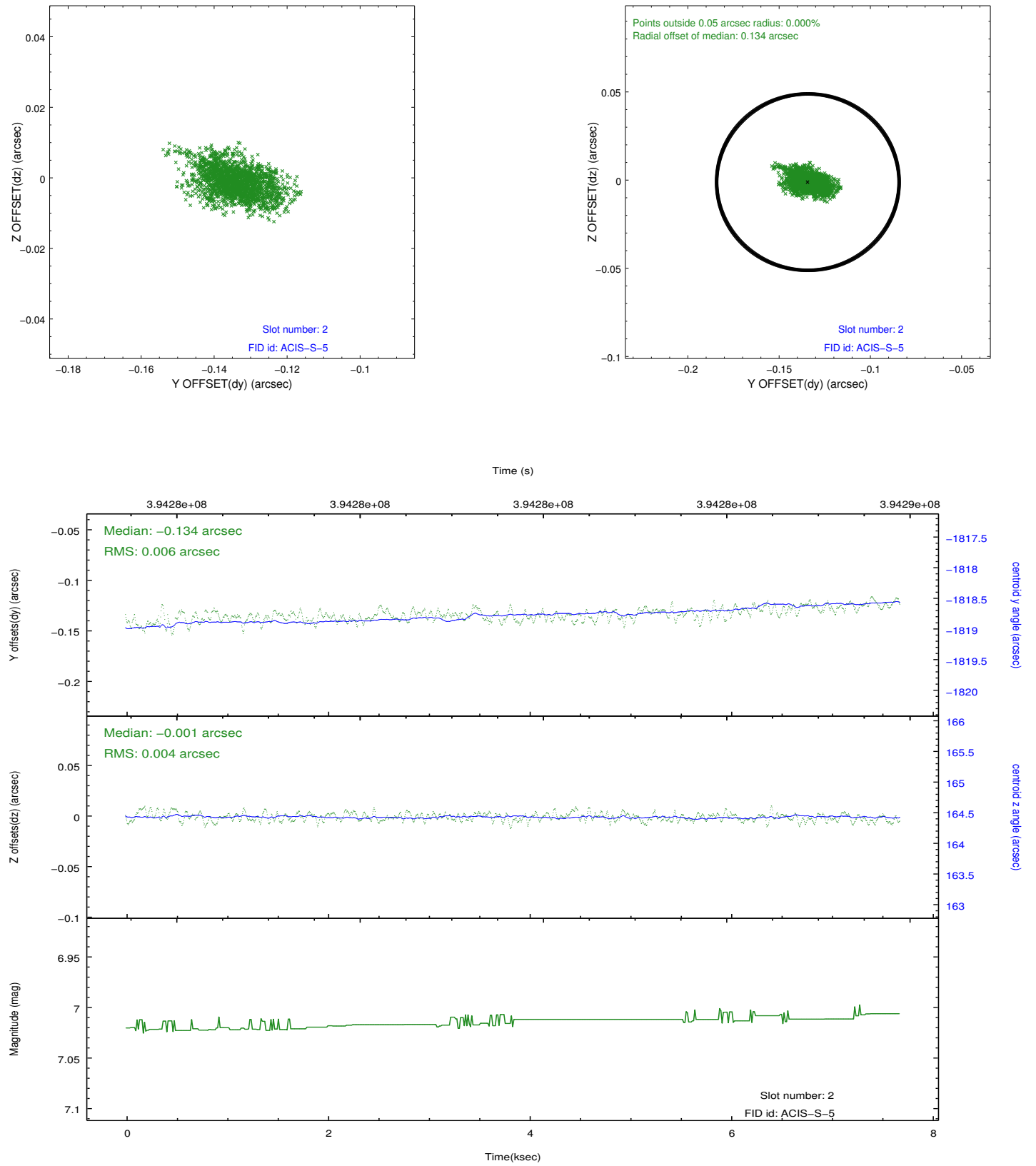
2.5.1 Slot 0



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	7.2543999730349

A.2 Comments