

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2957 - L2 Version 3
Chandra X-Ray Center

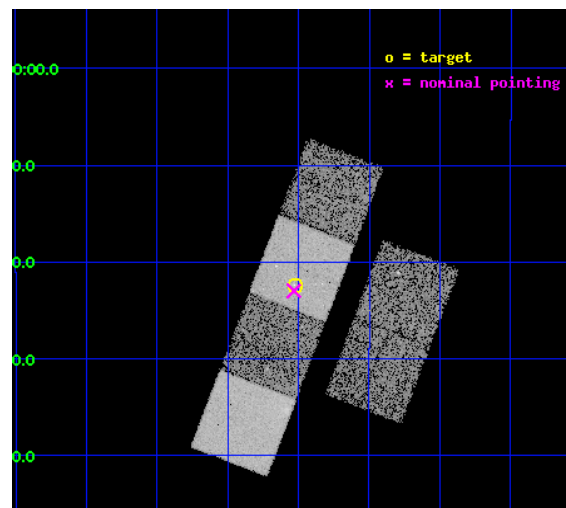
L2 Processing Date : Sep 28 2012

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1 Front

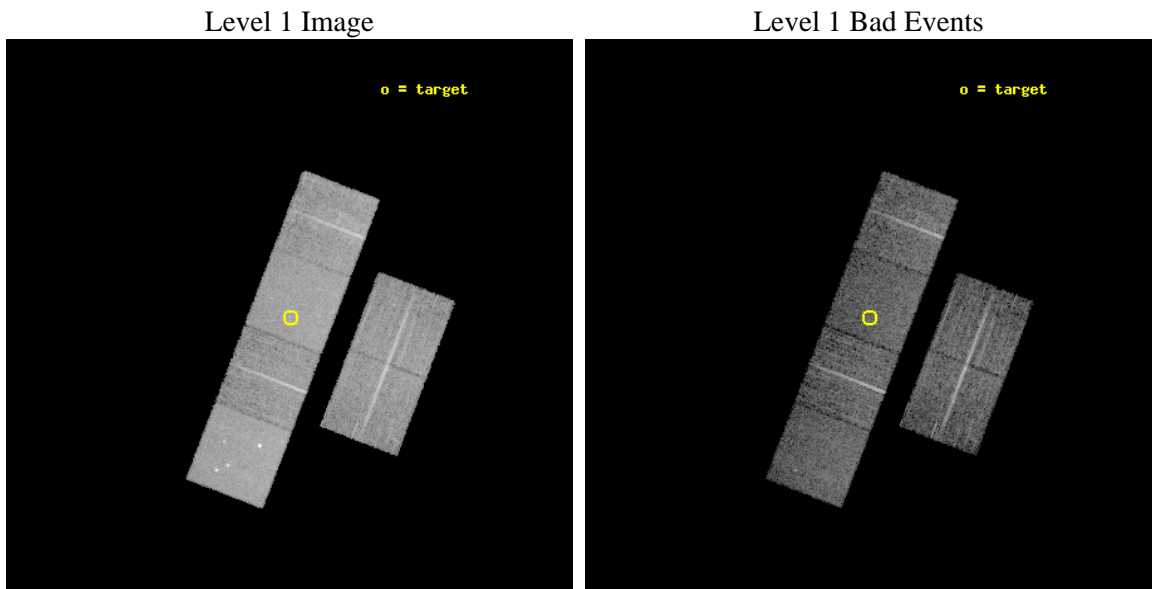
seq_num	700396	Sequence number
obs_id	2957	Observation id
title	EXPLORATORY OBSERVATIONS OF A NEW BRIGHT QUASAR	Proposal title
observer	Dr. Karen Leighly	Principal investigator
object	PHL 1811	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	328.75625	Observer's specified target RA [deg]
dec_targ	-9.373528	Observer's specified target Dec [deg]
ra_nom	328.75810428221	Nominal RA [deg]
dec_nom	-9.3831554310939	Nominal Dec [deg]
roll_nom	290.9823473494	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9497.5180584043	Sum of GTIs [s]
livetime	9377.25476603	Livetime [s]
ontime2	9494.2770782411	Sum of GTIs [s]
ontime3	9494.2770782411	Sum of GTIs [s]
ontime5	9497.5180584043	Sum of GTIs [s]
ontime6	9494.2770782411	Sum of GTIs [s]
ontime7	9497.5180584043	Sum of GTIs [s]
ontime8	9494.2770483345	Sum of GTIs [s]
l2events	96196	Number of level 2 events



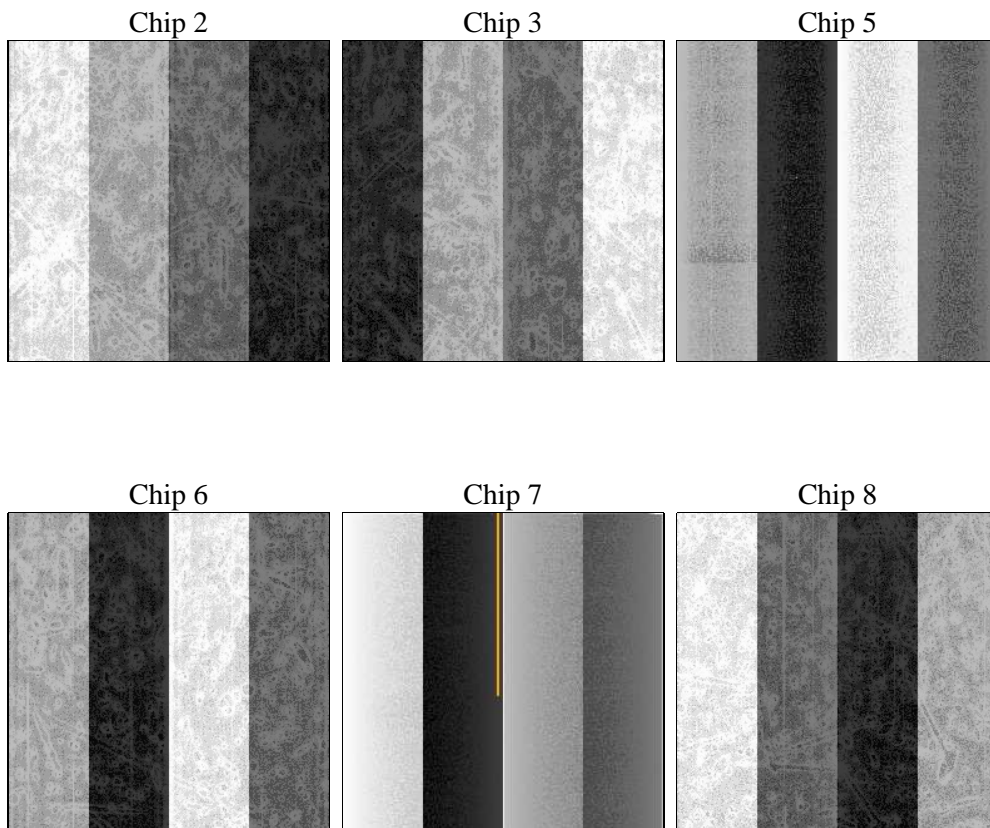
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	9353.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	9497.5180584043	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	9494.2770782411	Sum of GTIs [s]
date	2012-09-28T06:39:53	Date and time of file creation	ontime3	9494.2770782411	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	9497.5180584043	Sum of GTIs [s]
			ontime6	9494.2770782411	Sum of GTIs [s]
			ontime7	9497.5180584043	Sum of GTIs [s]
			ontime8	9494.2770483345	Sum of GTIs [s]
			l1events	518734	Number of level 1 events

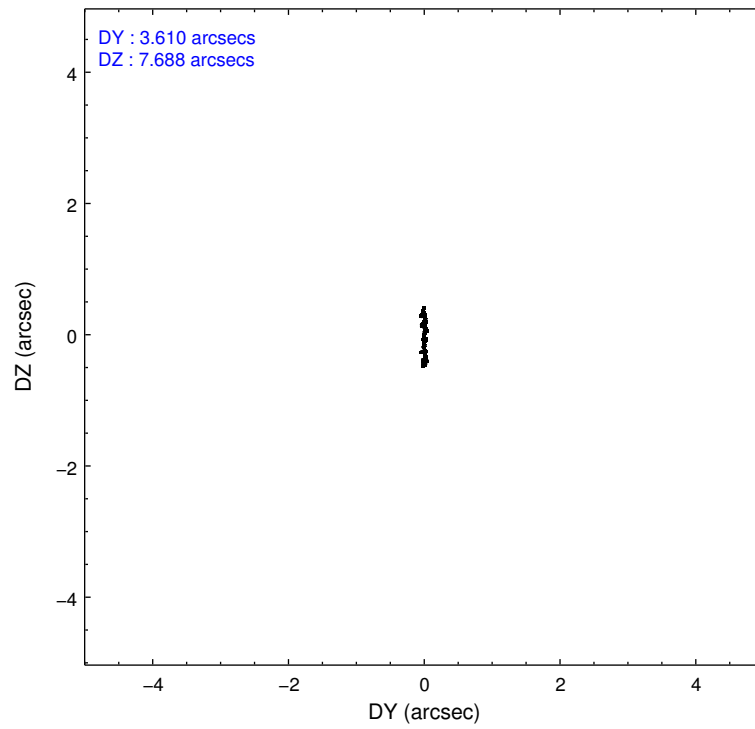
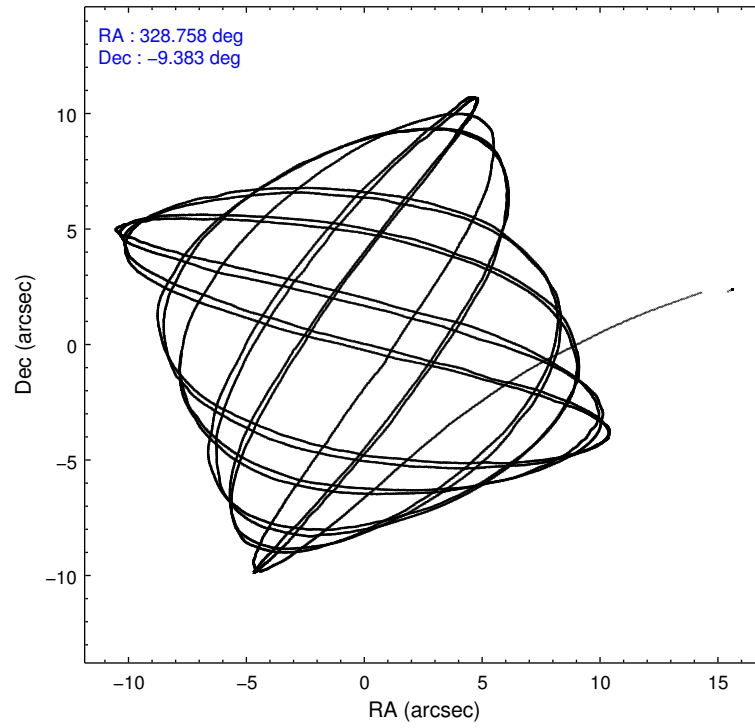
2.1.4 Events

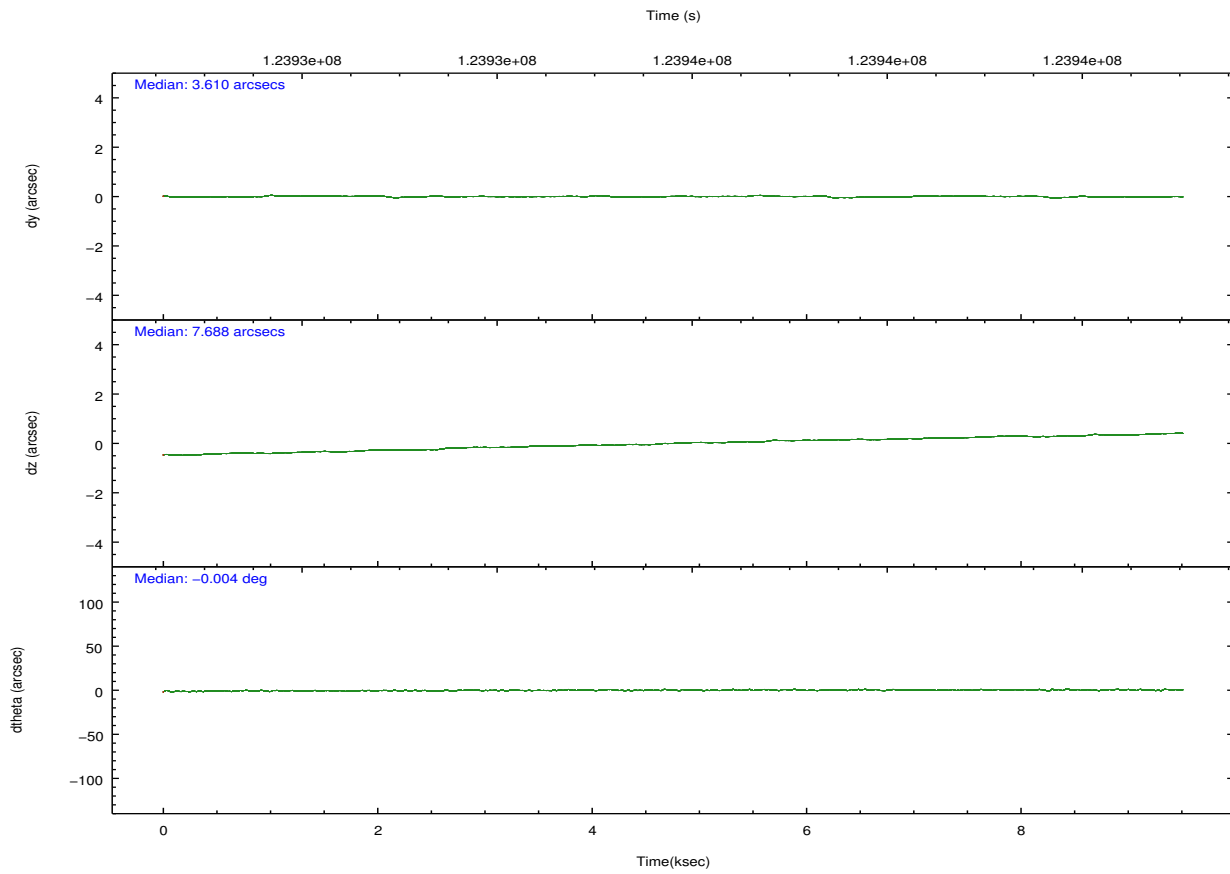
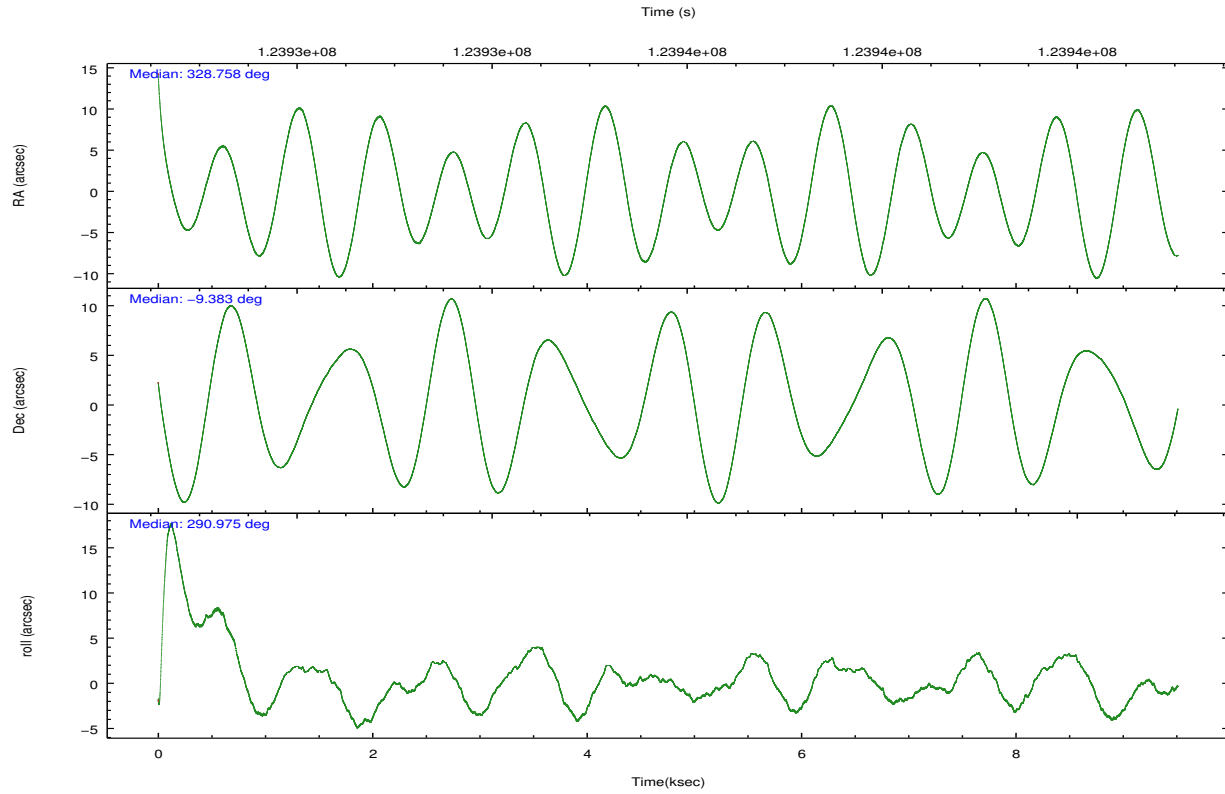
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	74117	74371	109530	73985	96308	90423	grade 0 events	3630	3590	7978	3713	3917	6007
rejected events	67082	67385	66350	66651	62853	74938		4%	4%	7%	5%	4%	6%
rejected %	90%	90%	60%	90%	65%	82%	grade 1 events	29	44	118	29	95	54
								0%	0%	0%	0%	0%	0%
							grade 2 events	1820	1705	14963	1758	7990	4059
								2%	2%	13%	2%	8%	4%
							grade 3 events	793	812	2065	837	3602	1900
								1%	1%	1%	1%	3%	2%
							grade 4 events	749	815	2061	852	3595	1745
								1%	1%	1%	1%	3%	1%
							grade 5 events	2578	2930	7907	3153	9316	4046
								3%	3%	7%	4%	9%	4%
							grade 6 events	1550	1525	25083	1676	21139	4906
								2%	2%	22%	2%	21%	5%
							grade 7 events	62968	62950	49355	61967	46654	67706
								84%	84%	45%	83%	48%	74%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	328.736428	328.7581042822059	Subarray requested	NONE	NONE
[deg] Pointing Dec	-9.366169	-9.383155431093943	Alternating exposures requested	N	N
[deg] Pointing Roll	290.822220	290.9823473494	[s] Primary exposure time	0.000000	3.2
[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)	123931206.184000	123929084.91962			
Observation start date	2001-12-05T09:19:02	2001-12-05T08:44:44			
[s] Observation end time (MET)	123940559.184000	123941378.25761			
Observation end date	2001-12-05T11:54:55	2001-12-05T12:09:38			
Read mode	TIMED	TIMED			

2.3 Aspect



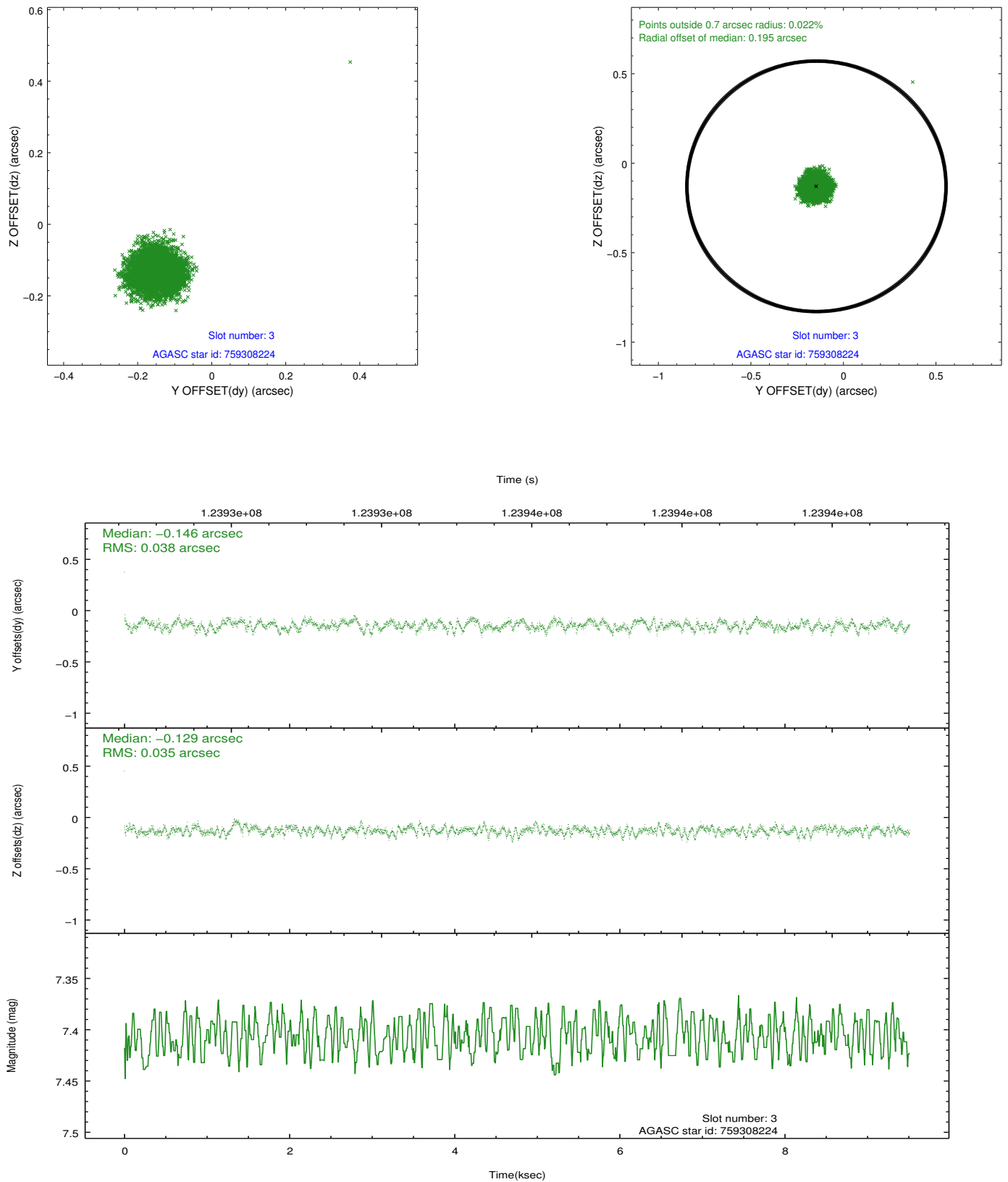


Slot Statistics

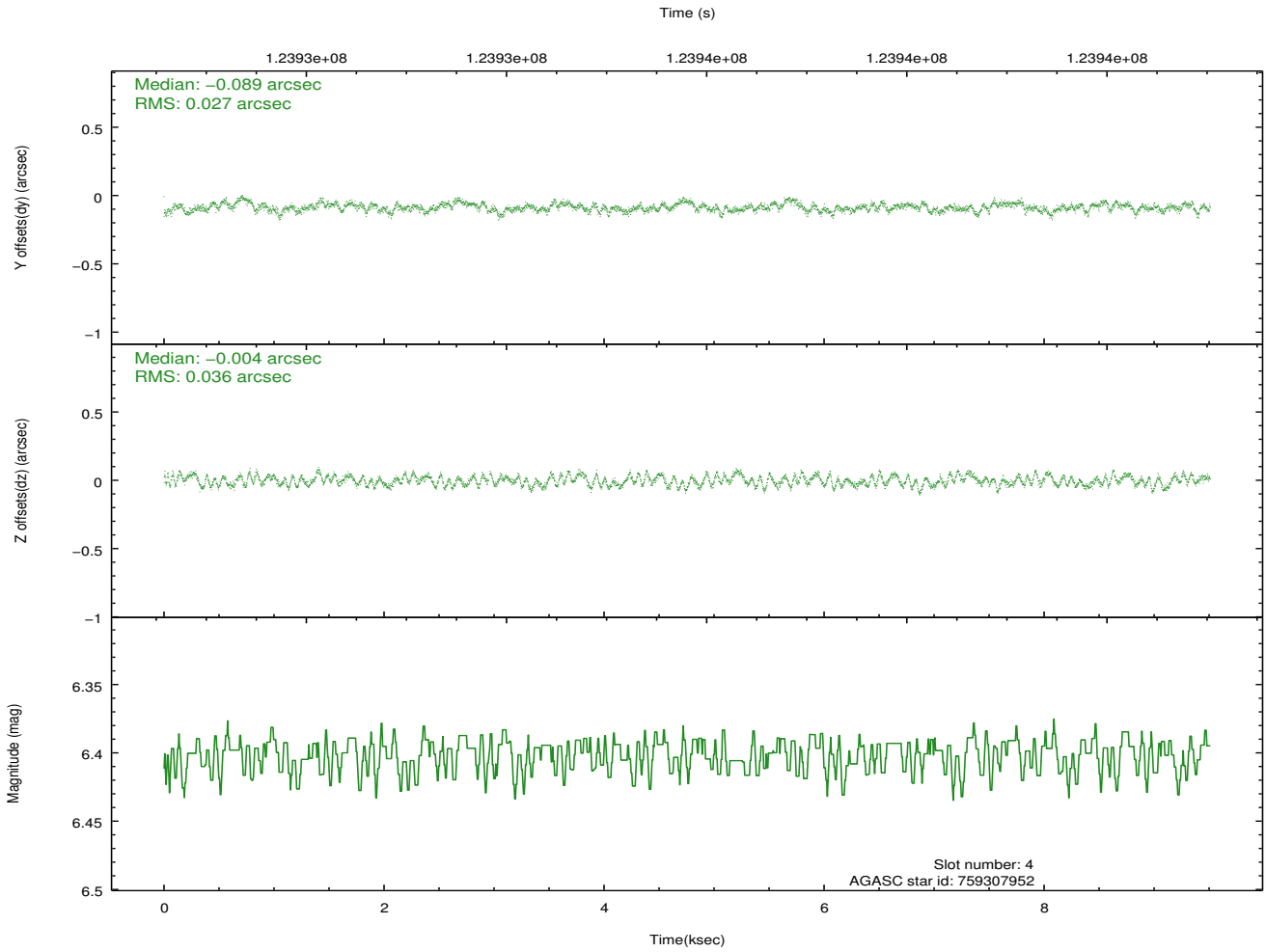
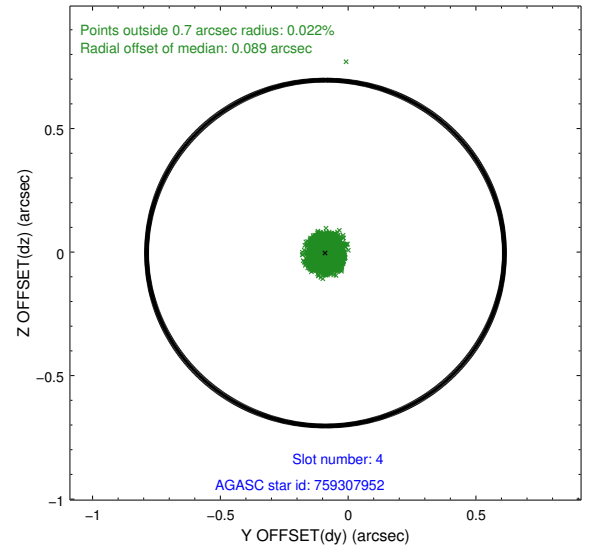
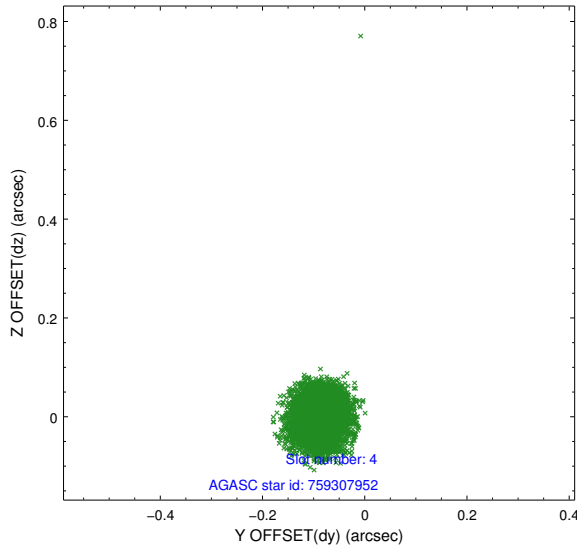
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2318	-0.006	-0.006	0.008	0.013	0.000000	0.000000	-756.28	-1728.85
1	FID	ACIS-S-4	7.20	2318	-0.008	0.005	0.006	0.011	0.000000	0.000000	2156.75	179.04
2	FID	ACIS-S-5	7.24	2318	-0.016	0.010	0.008	0.013	0.000000	0.000000	-1808.40	173.38
3	GUIDE	759308224	7.41	4637	-0.146	-0.129	0.054	0.085	328.123687	-9.417926	-597.50	-2101.14
4	GUIDE	759307952	6.40	4637	-0.089	-0.004	0.048	0.073	329.103732	-9.585858	1202.99	937.00
5	GUIDE	759308864	9.12	4572	0.119	0.170	0.072	0.118	329.073084	-9.505733	895.35	939.03
6	GUIDE	759305424	9.73	4636	-0.030	-0.077	0.120	0.196	328.253023	-9.924329	1270.40	-2316.71
7	GUIDE	759305384	8.85	4630	0.143	0.043	0.071	0.115	328.426697	-9.776111	989.83	-1552.21

2.4 Star Slots

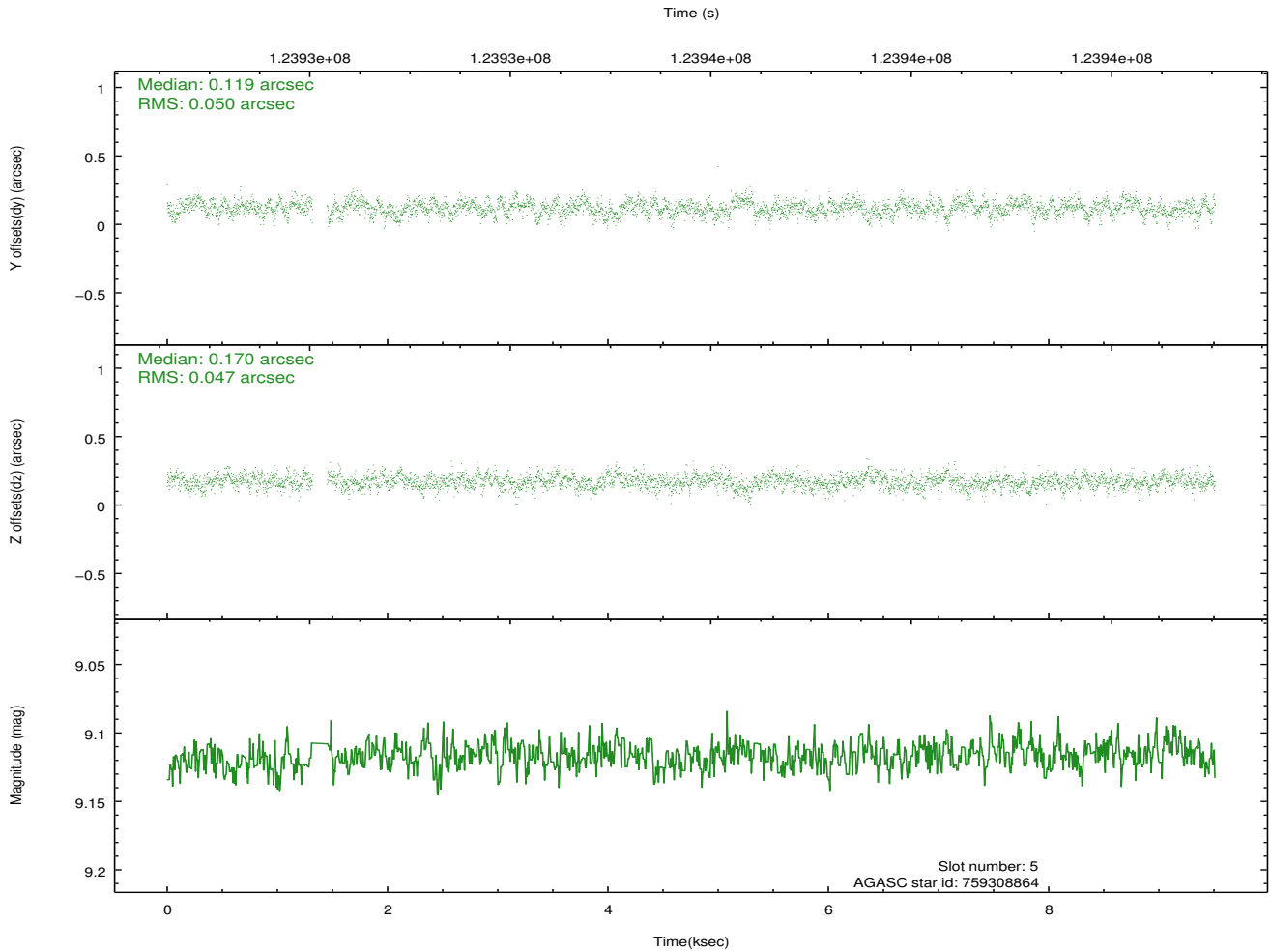
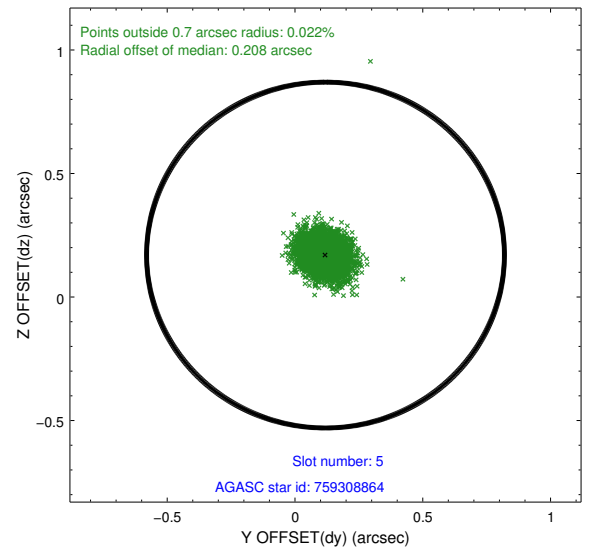
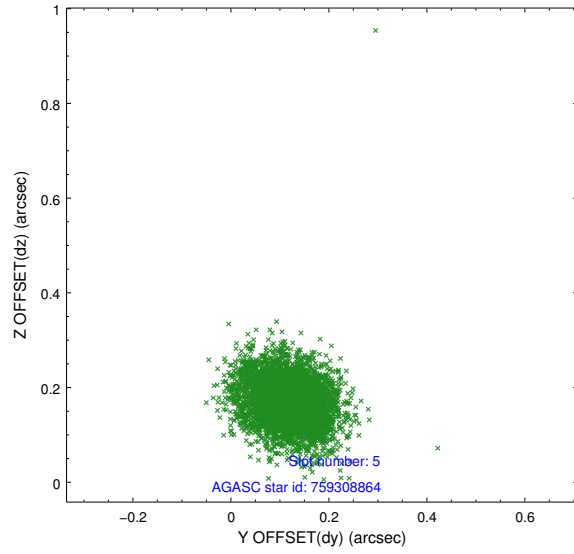
2.4.1 Slot 3



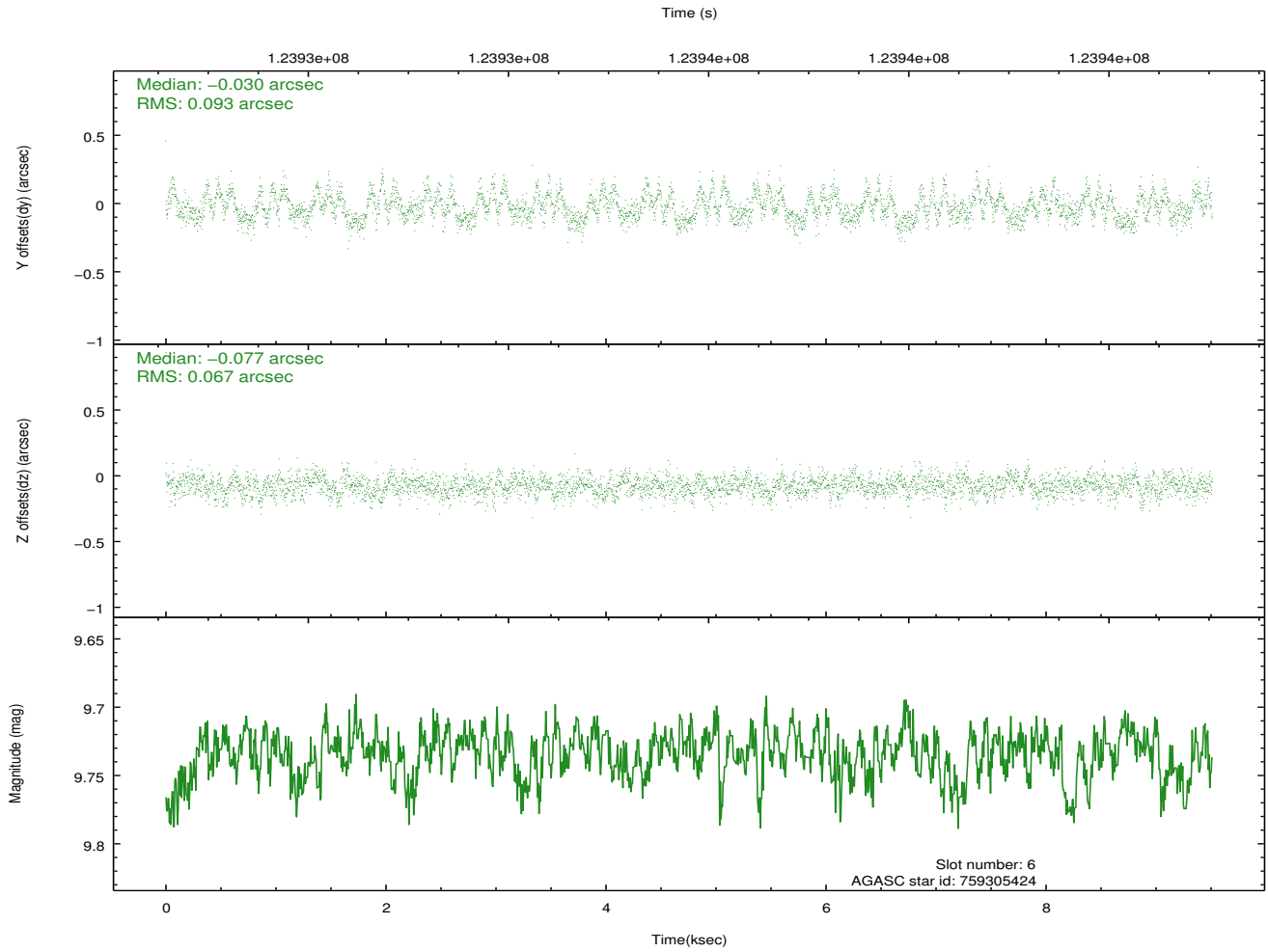
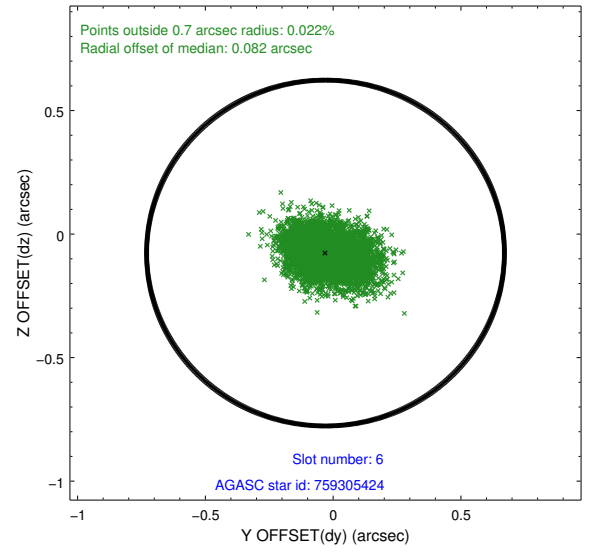
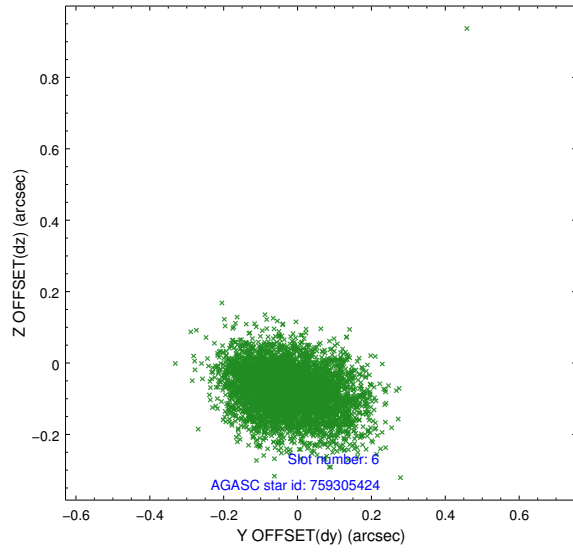
2.4.2 Slot 4



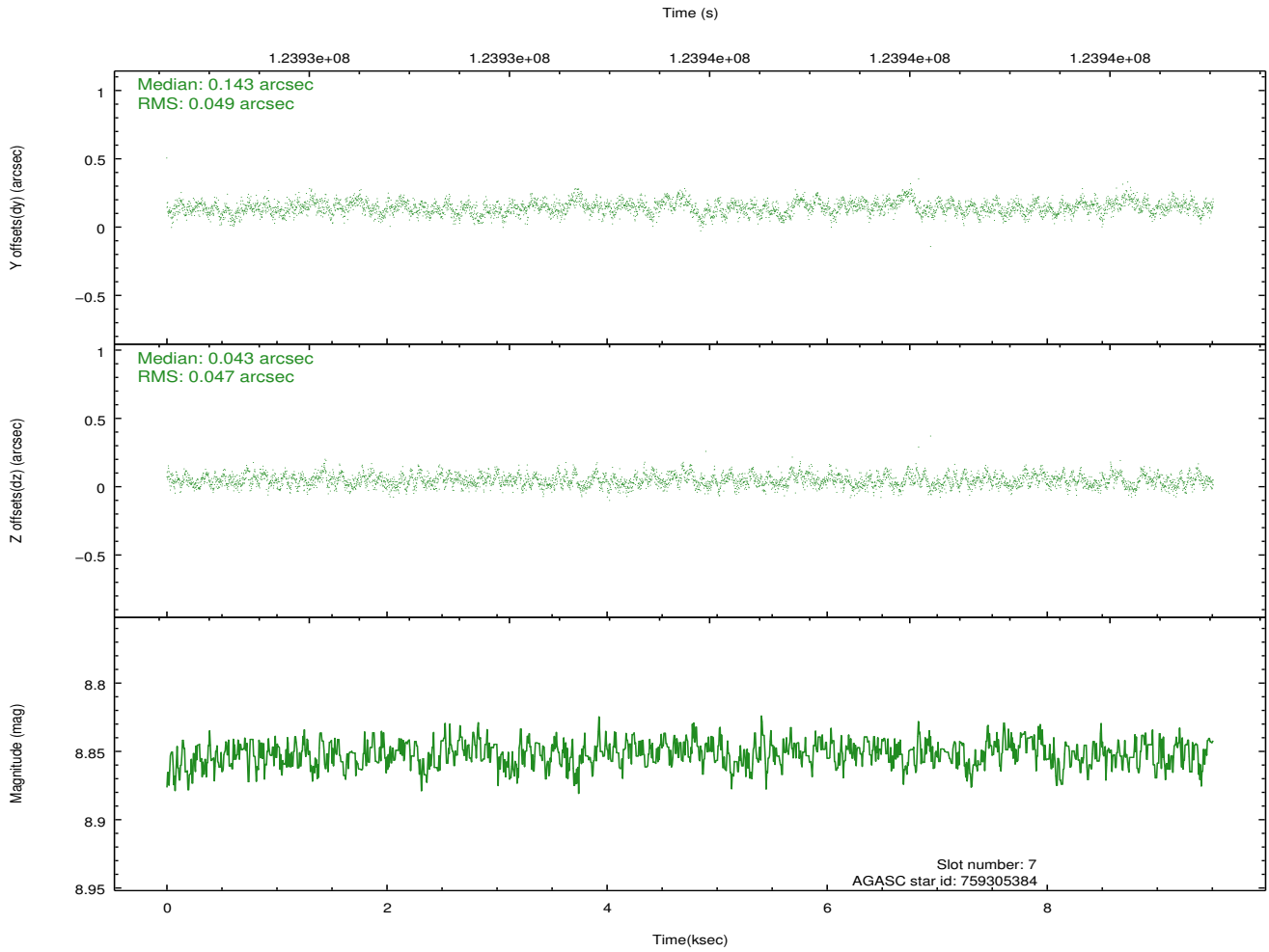
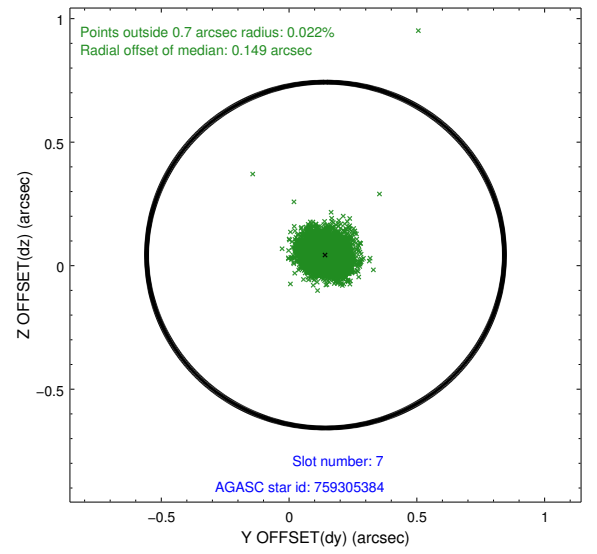
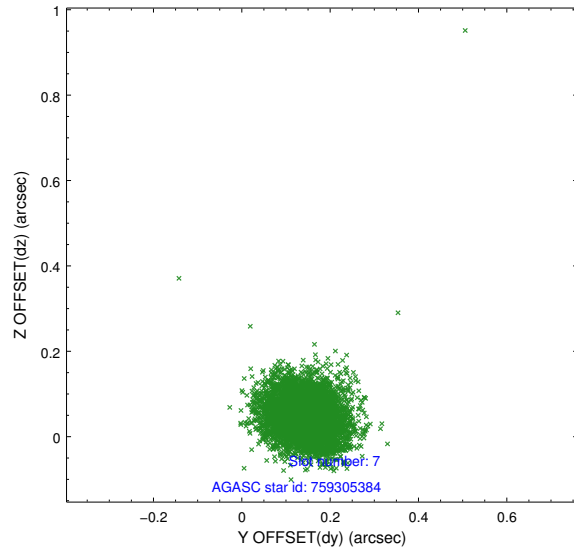
2.4.3 Slot 5



2.4.4 Slot 6

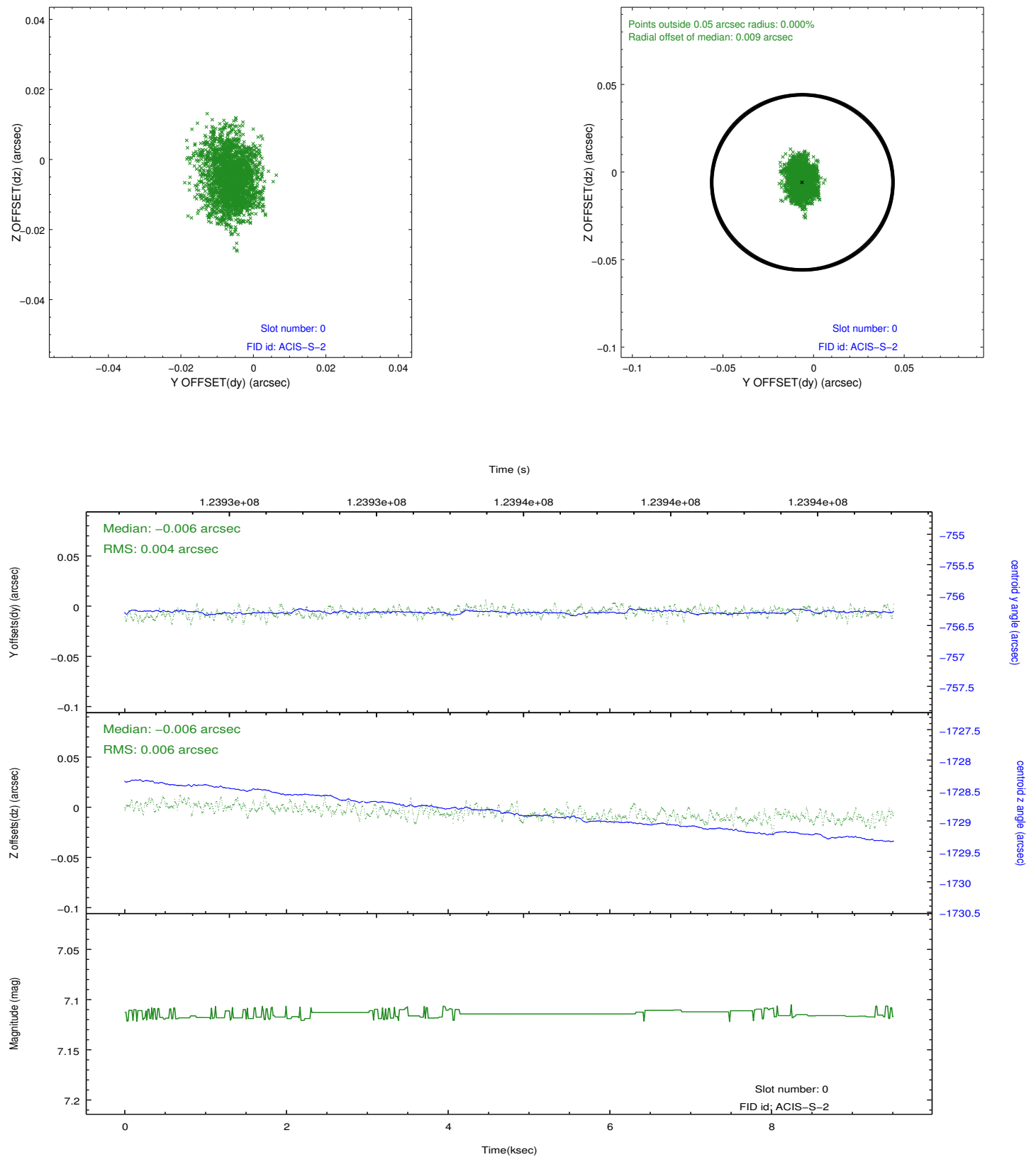


2.4.5 Slot 7

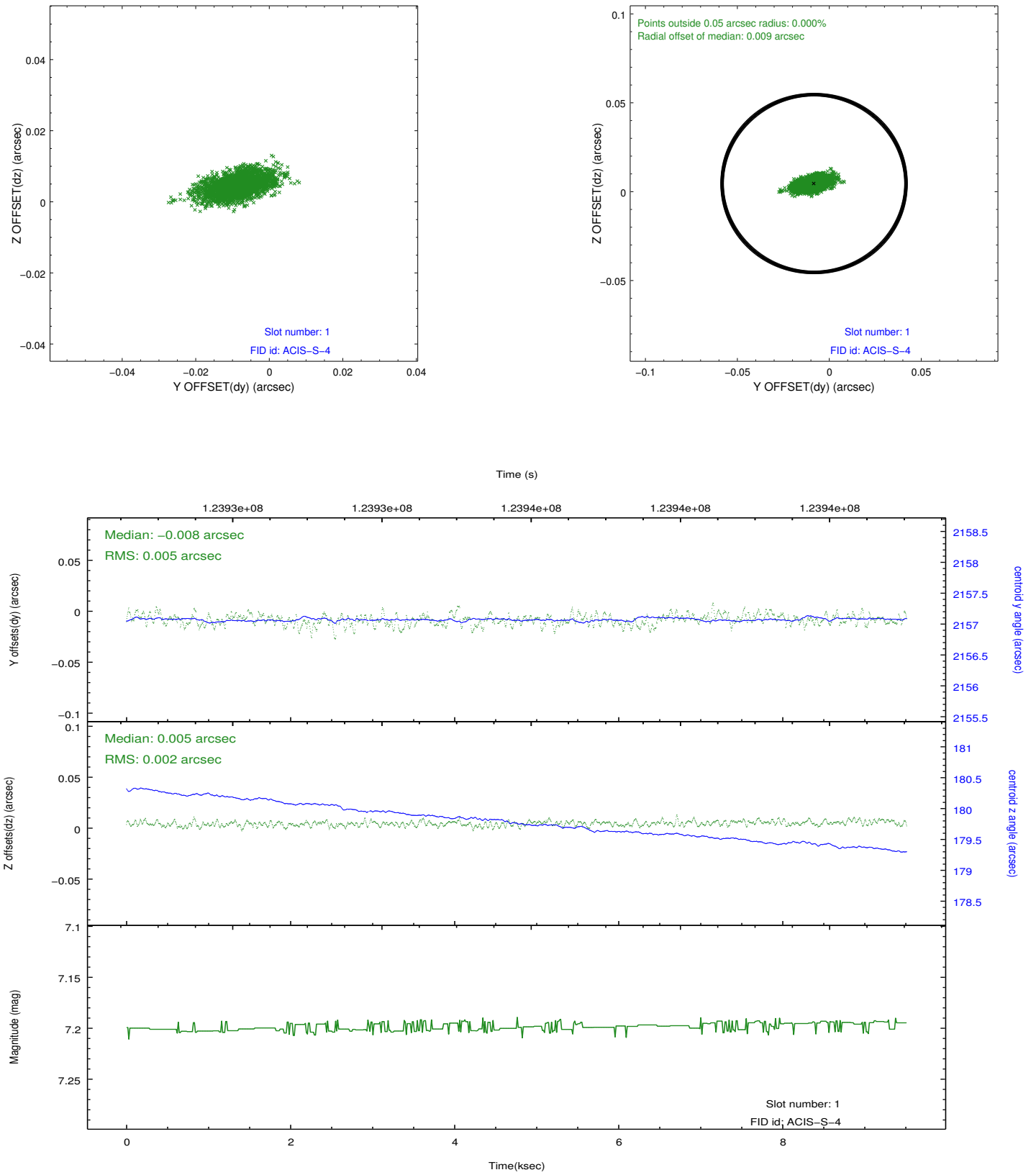


2.5 FID Slots

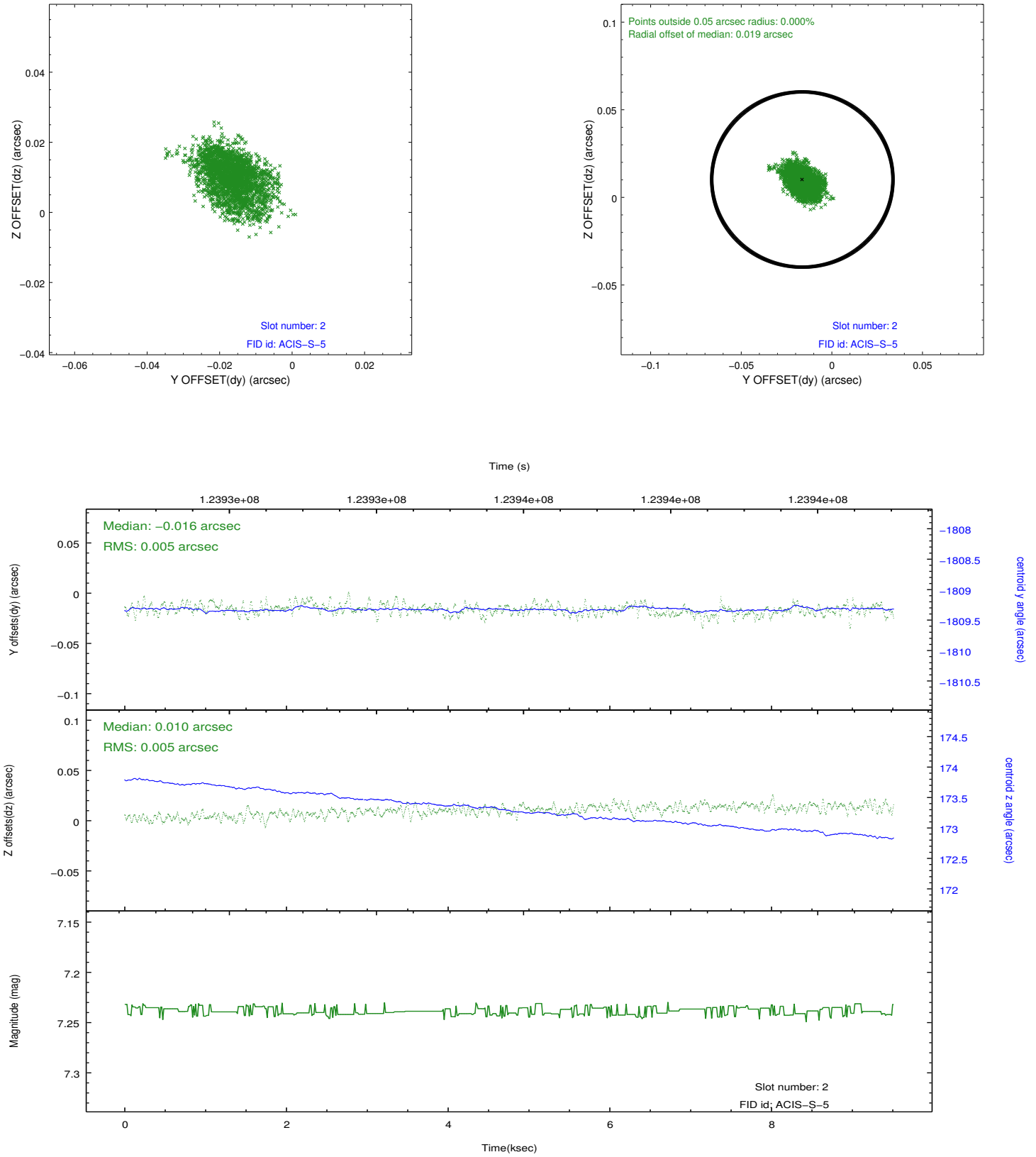
2.5.1 Slot 0



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)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.497

A.2 Comments

Joint Proposal: CX0-HST