

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10514 - L2 Version 2
Chandra X-Ray Center

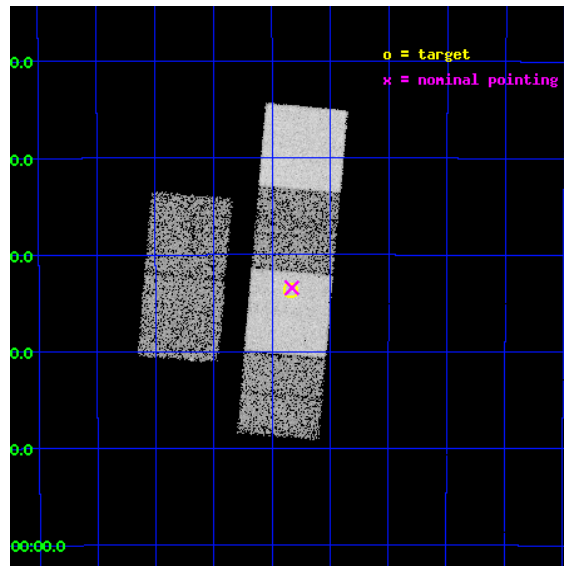
L2 Processing Date : Jun 1 2012

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1 Front

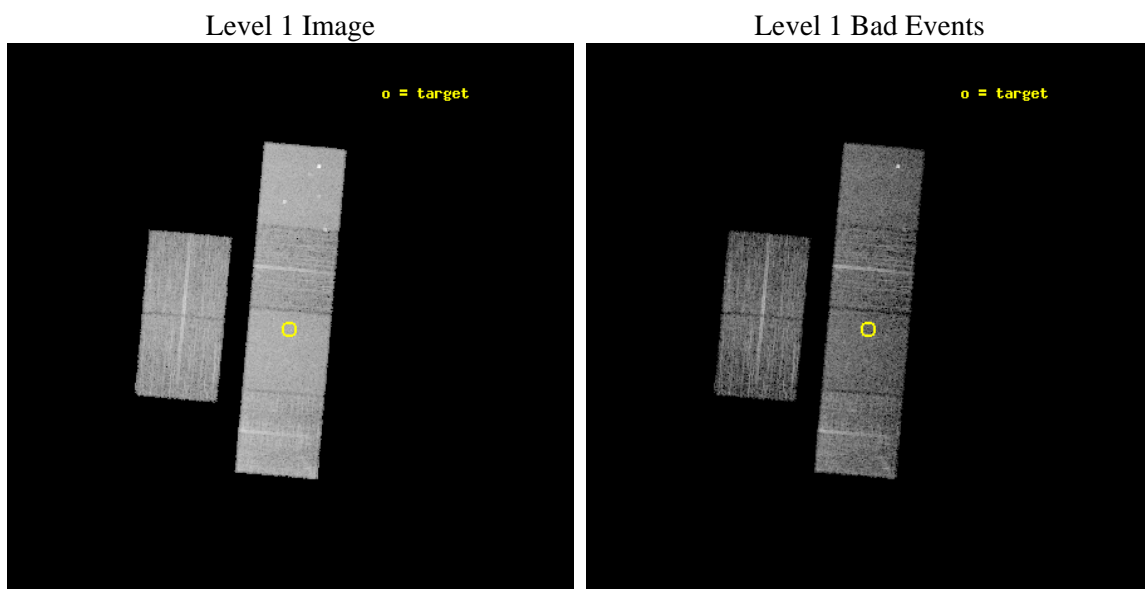
seq_num	900882	Sequence number
obs_id	10514	Observation id
title	ChIcAGO: Chandra Identification of ASCA Galactic Objects	Proposal
observer	Prof. Bryan Gaensler	Principal investigator
object	AX J172550-3533	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	261.460833	Observer's specified target RA [deg]
dec_targ	-35.561	Observer's specified target Dec [deg]
ra_nom	261.45732337183	Nominal RA [deg]
dec_nom	-35.557126743409	Nominal Dec [deg]
roll_nom	95.108784852659	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5452.7999797463	Sum of GTIs [s]
livetime	5383.7533431208	Livetime [s]
ontime2	5452.7999797463	Sum of GTIs [s]
ontime3	5452.7999797463	Sum of GTIs [s]
ontime5	5452.7999797463	Sum of GTIs [s]
ontime6	5452.7999797463	Sum of GTIs [s]
ontime7	5452.7999797463	Sum of GTIs [s]
ontime8	5449.5590094328	Sum of GTIs [s]
l2events	94814	Number of level 2 events



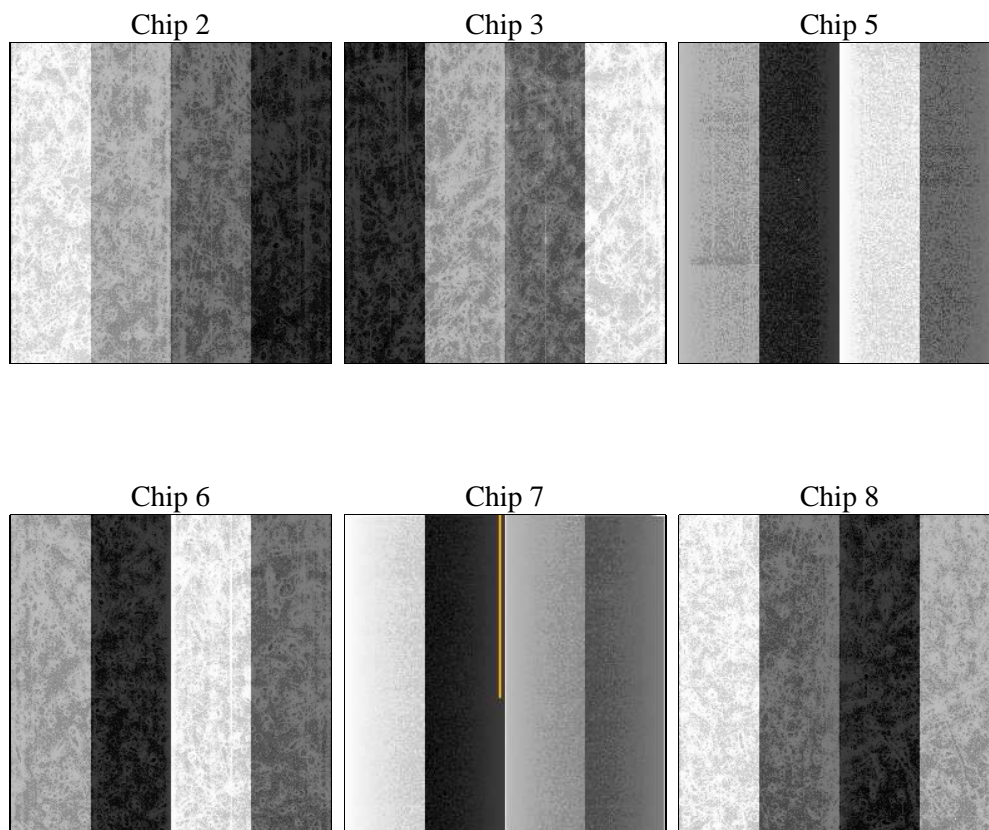
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5452.7999797463	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5452.7999797463	Sum of GTIs [s]
date	2012-06-01T06:29:49	Date and time of file creation	ontime3	5452.7999797463	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5452.7999797463	Sum of GTIs [s]
			ontime6	5452.7999797463	Sum of GTIs [s]
			ontime7	5452.7999797463	Sum of GTIs [s]
			ontime8	5449.5590094328	Sum of GTIs [s]
			l1events	412676	Number of level 1 events

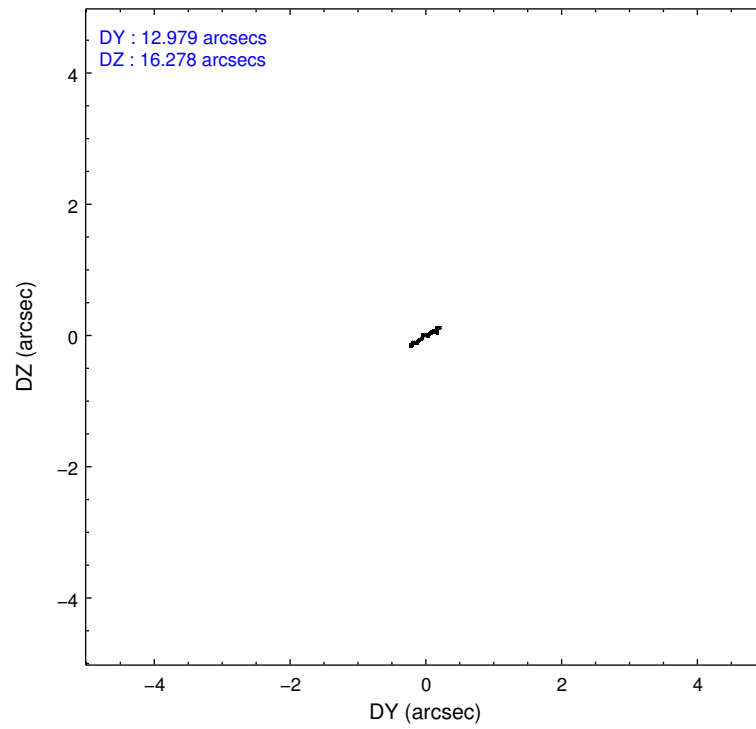
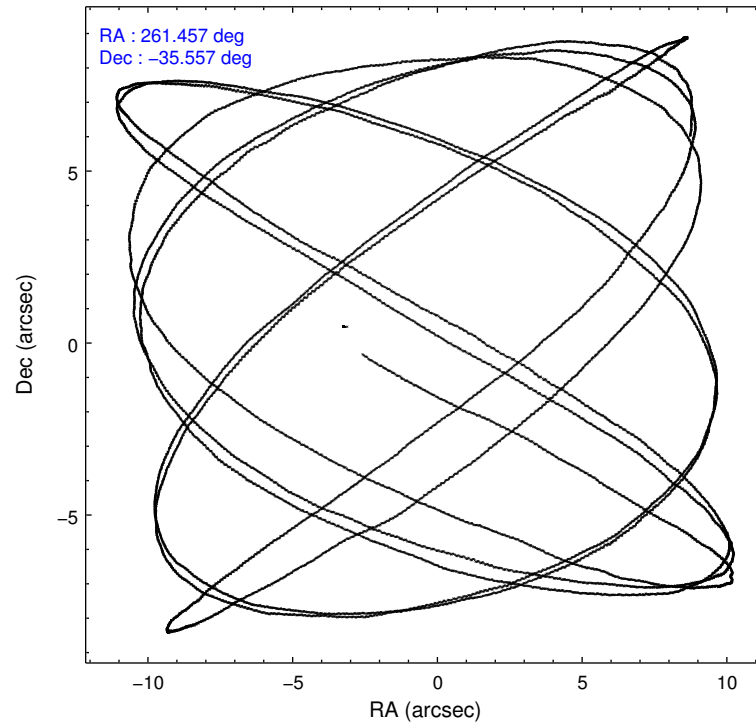
2.1.4 Events

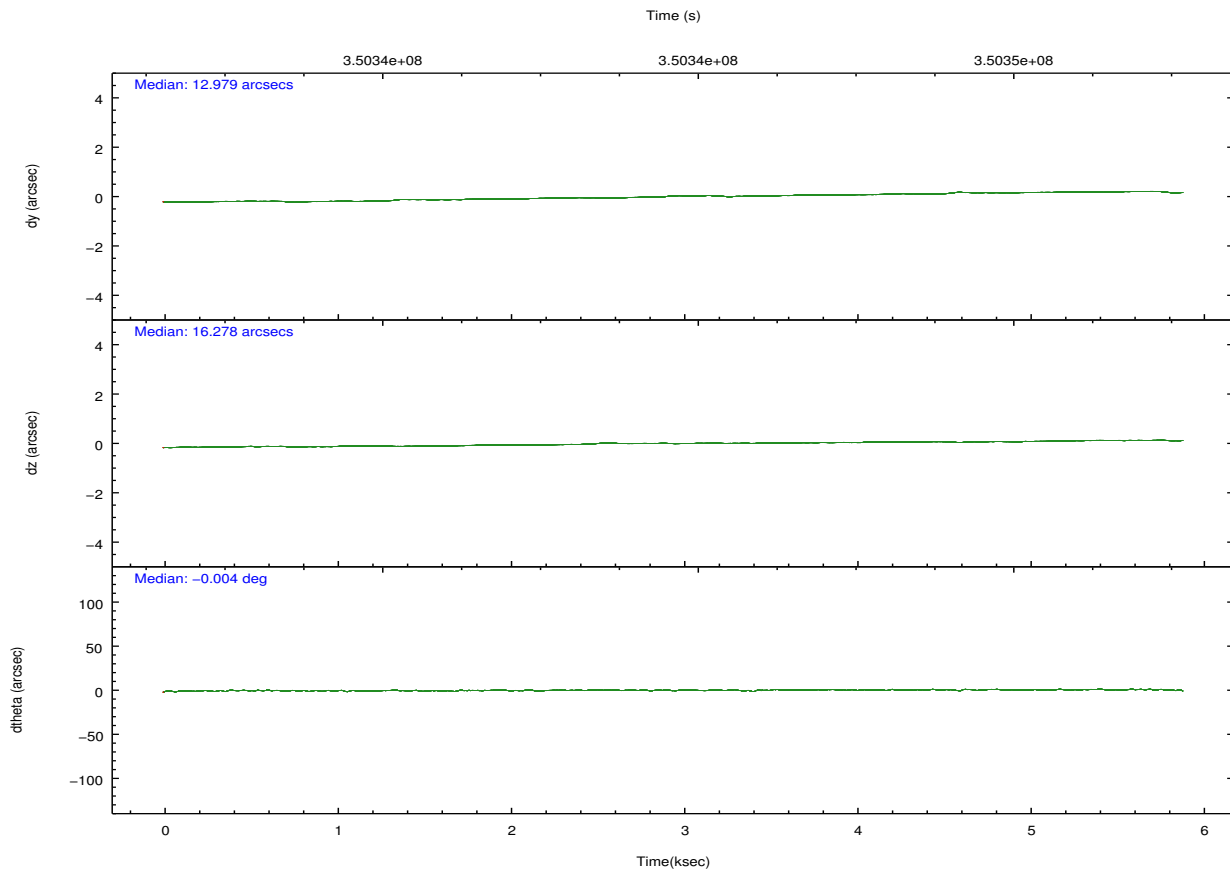
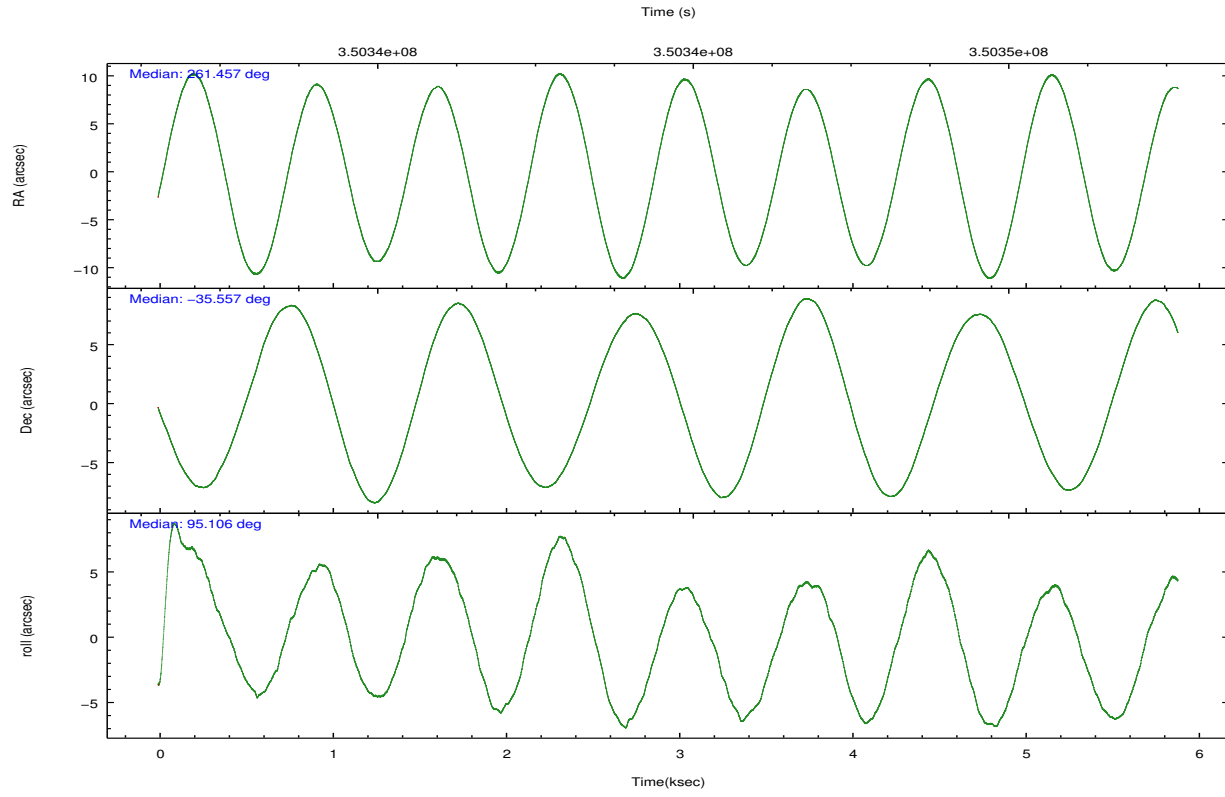
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	56230	56154	89020	55822	78358	77092	grade 0 events	3055	3026	4190	2720	2743	5420
rejected events	49344	49302	48090	48909	45582	60043		5%	5%	4%	4%	3%	7%
rejected %	87%	87%	54%	87%	58%	77%	grade 1 events	46	41	949	31	94	74
								0%	0%	1%	0%	0%	0%
							grade 2 events	1431	1371	12288	1533	6714	3827
								2%	2%	13%	2%	8%	4%
							grade 3 events	587	661	1394	648	2813	1797
								1%	1%	1%	1%	3%	2%
							grade 4 events	661	616	1447	633	2734	1658
								1%	1%	1%	1%	3%	2%
							grade 5 events	2253	2644	6302	2623	7370	3551
								4%	4%	7%	4%	9%	4%
							grade 6 events	1159	1186	21644	1386	17795	4359
								2%	2%	24%	2%	22%	5%
							grade 7 events	47038	46609	40806	46248	38095	56406
								83%	83%	45%	82%	48%	73%

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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	261.476973	261.4573233718302	CCD I2 on	O2	Y
[deg] Pointing Dec	-35.579267	-35.55712674340904	CCD I3 on	O3	Y
[deg] Pointing Roll	94.963597	95.10878485265906	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	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	O4	Y
[s] Observation start time (MET)	350341072.184000	350340696.64288	CCD S5 on	N	N
Observation start date	2009-02-06T20:56:46	2009-02-06T20:51:36	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	350346772.184000	350346953.75569	On-chip summing requested	N	N
Observation end date	2009-02-06T22:31:46	2009-02-06T22:35:53	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



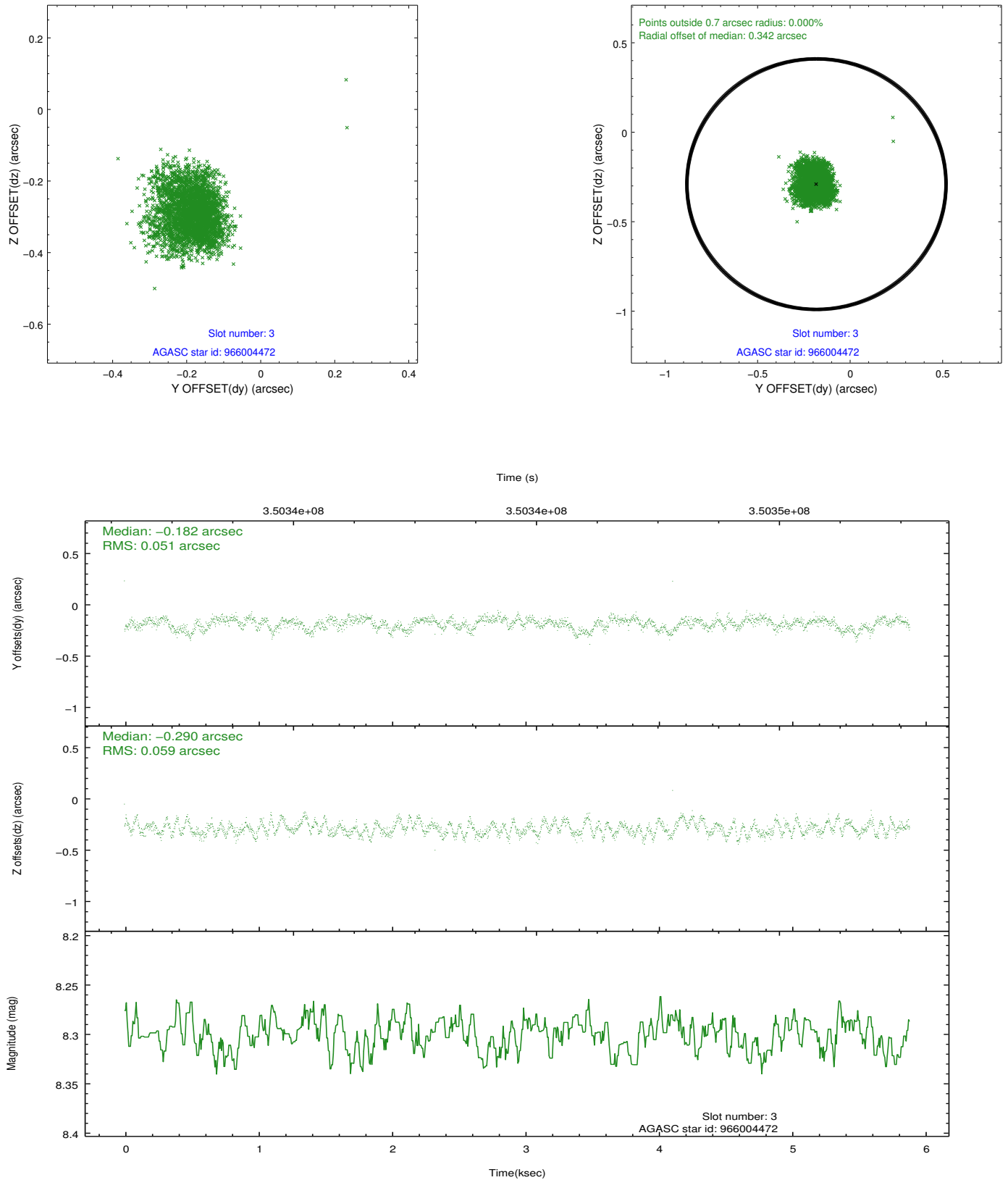


Slot Statistics

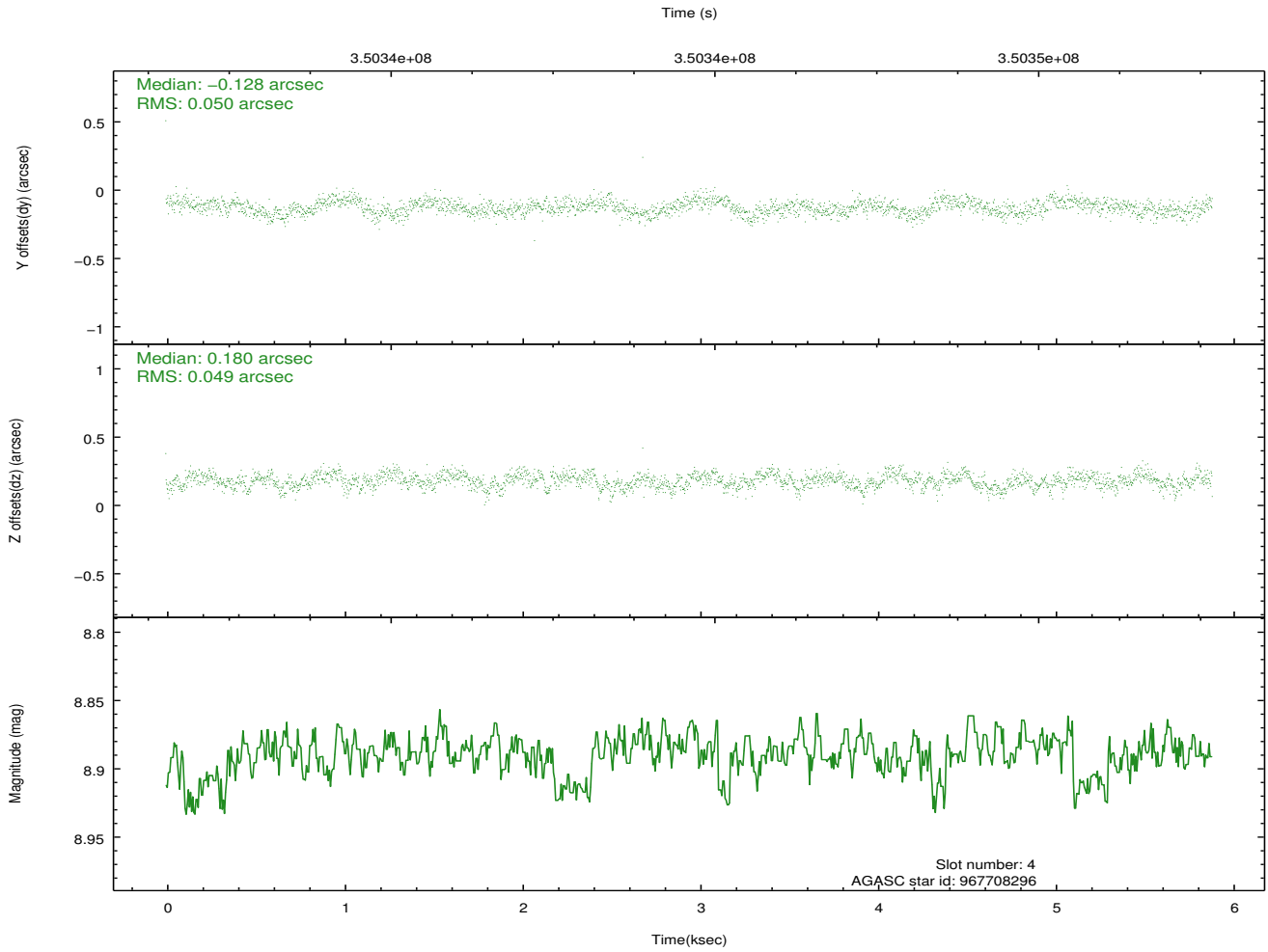
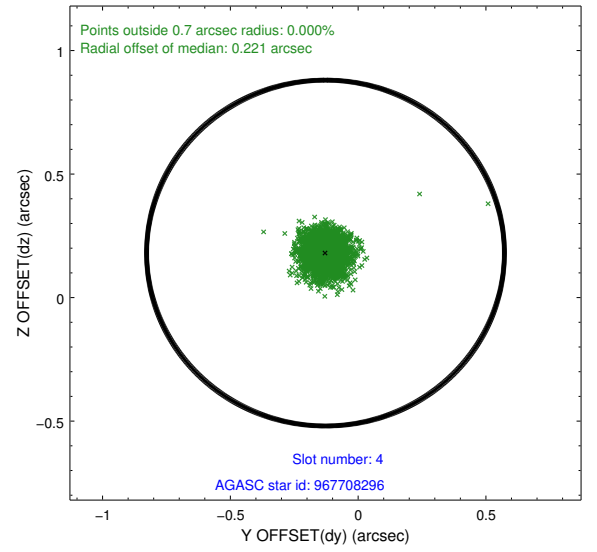
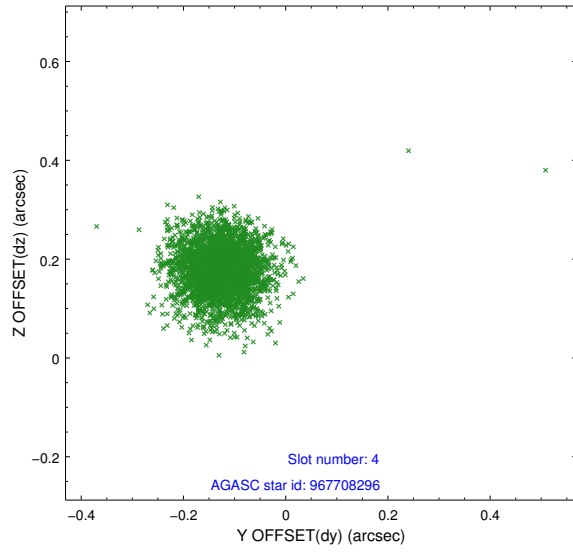
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1437	-0.032	-0.018	0.007	0.011	0.000000	0.000000	-765.91	-1737.65
1	FID	ACIS-S-4	6.97	1437	0.152	0.021	0.008	0.013	0.000000	0.000000	2147.08	169.84
2	FID	ACIS-S-5	7.00	1436	-0.151	0.006	0.010	0.016	0.000000	0.000000	-1817.58	164.63
3	GUIDE	966004472	8.30	2871	-0.182	-0.290	0.082	0.132	260.641543	-35.382088	908.26	2382.33
4	GUIDE	967708296	8.89	2870	-0.128	0.180	0.073	0.118	261.914006	-35.390296	564.37	-1335.12
5	GUIDE	967709784	9.04	2867	-0.173	-0.120	0.072	0.115	261.025089	-35.287716	1157.65	1232.10
6	GUIDE	968236752	9.13	2869	0.243	0.163	0.087	0.142	261.754950	-36.032170	-1694.73	-664.21
7	GUIDE	968237528	9.49	2870	0.245	0.067	0.116	0.188	261.644484	-36.198770	-2264.53	-291.85

2.4 Star Slots

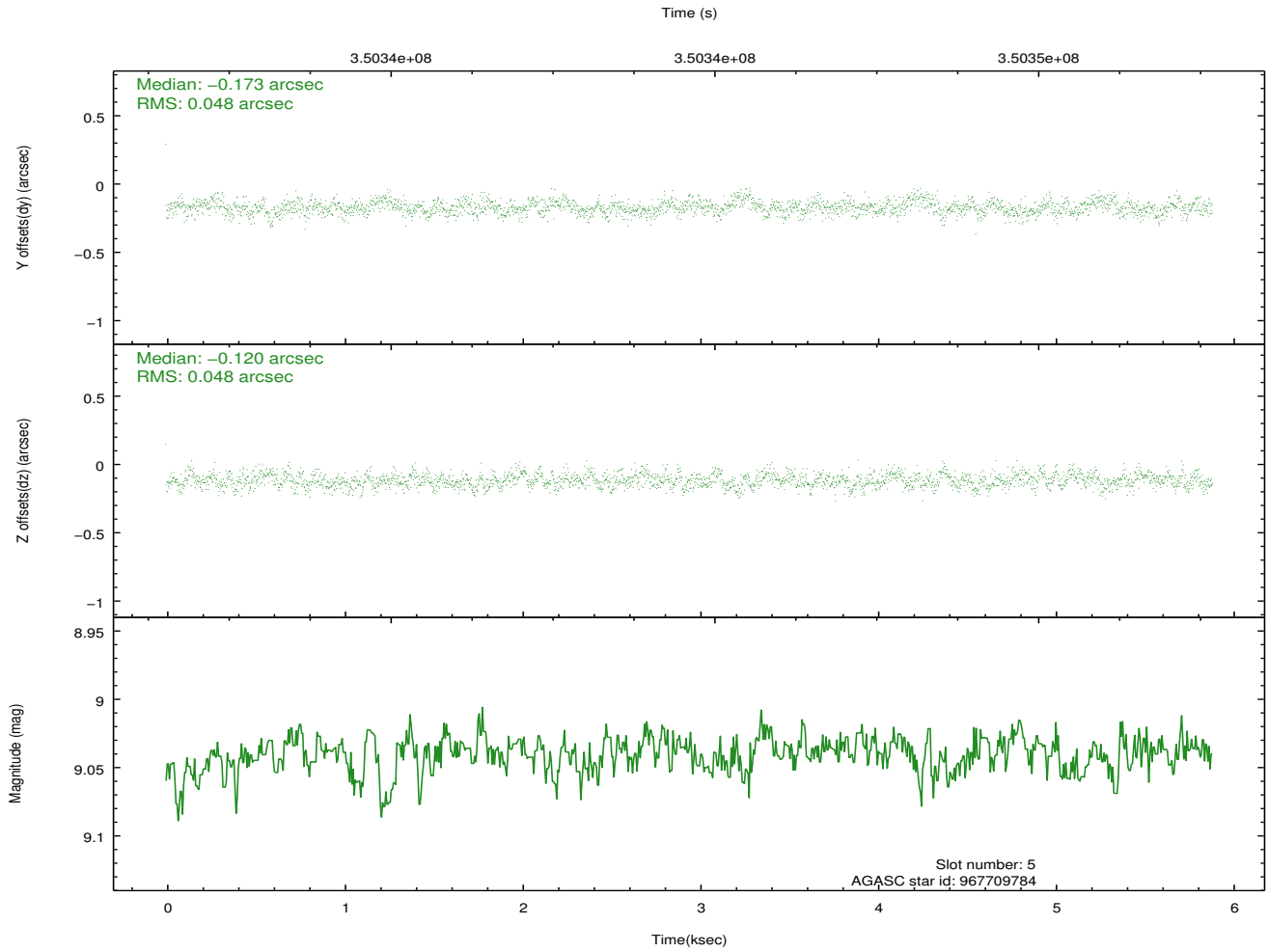
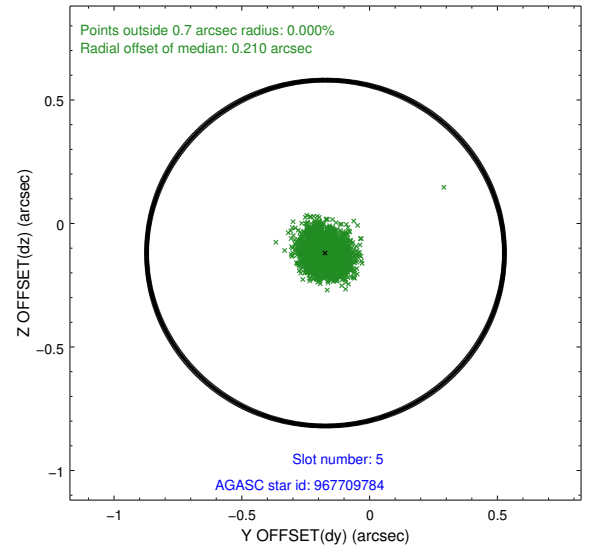
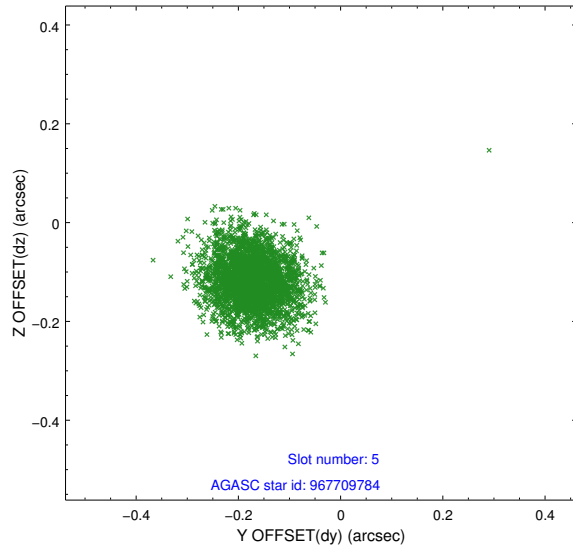
2.4.1 Slot 3



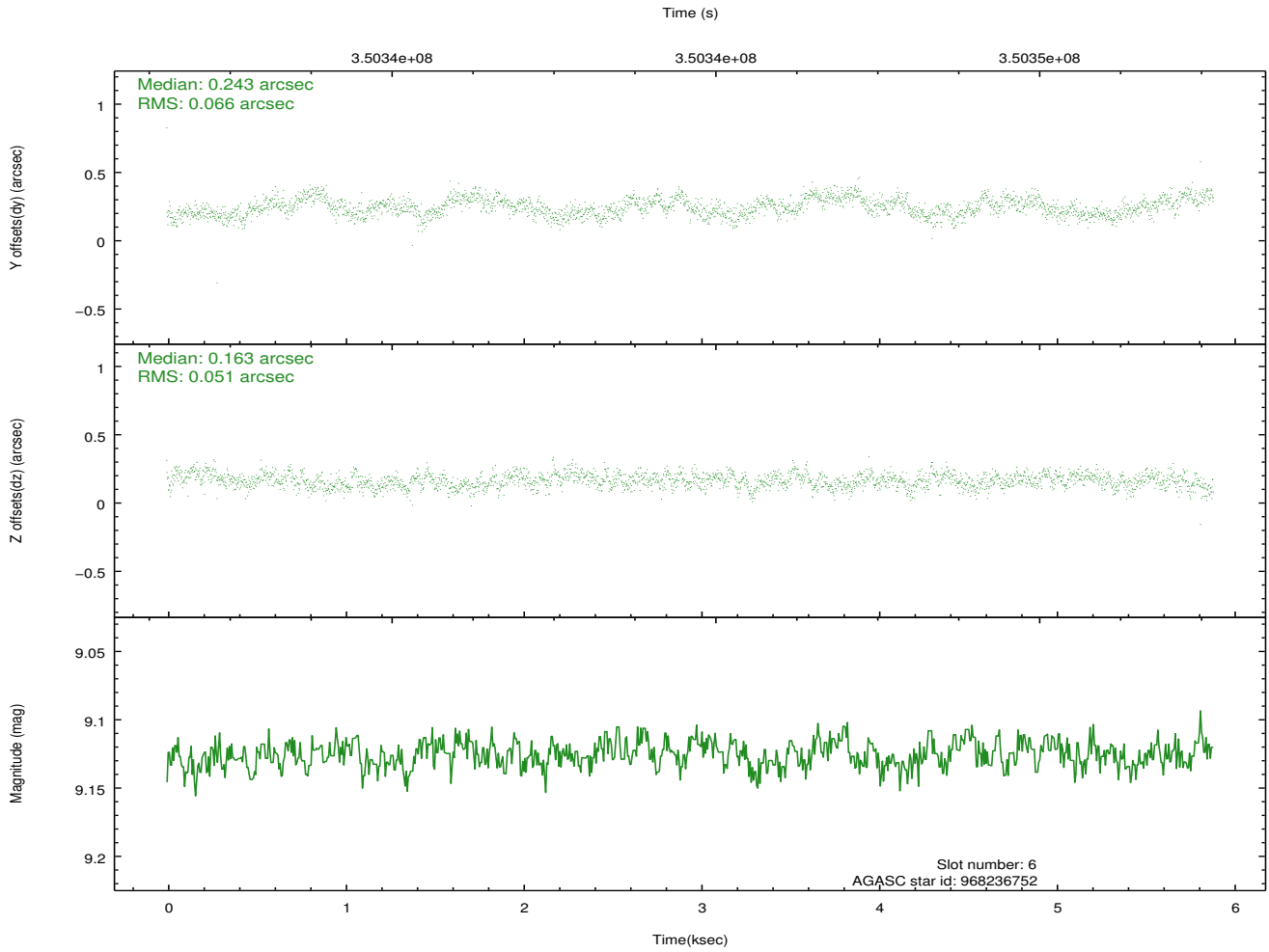
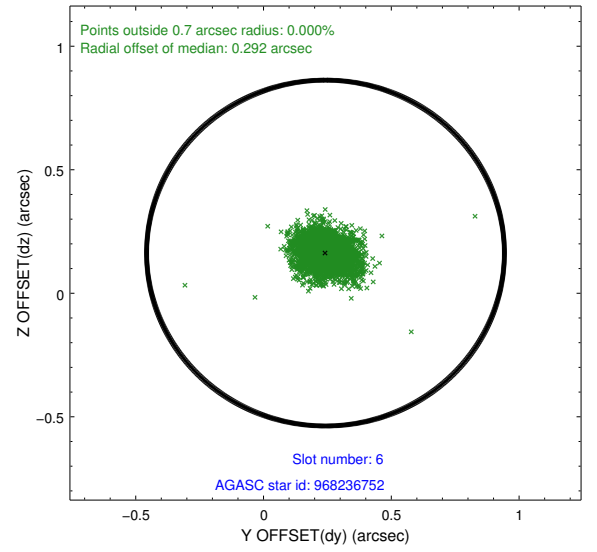
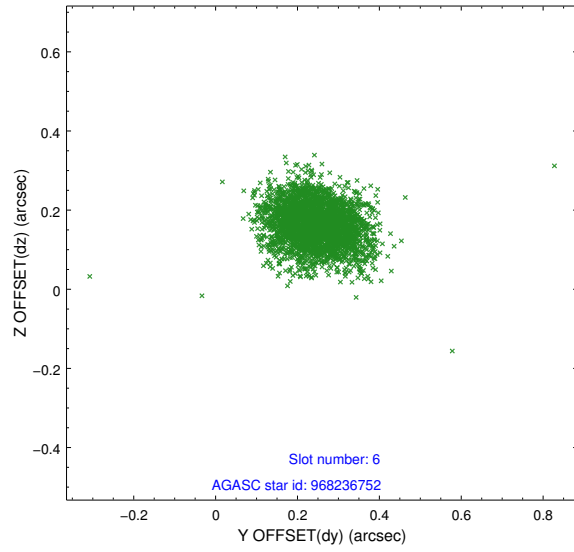
2.4.2 Slot 4



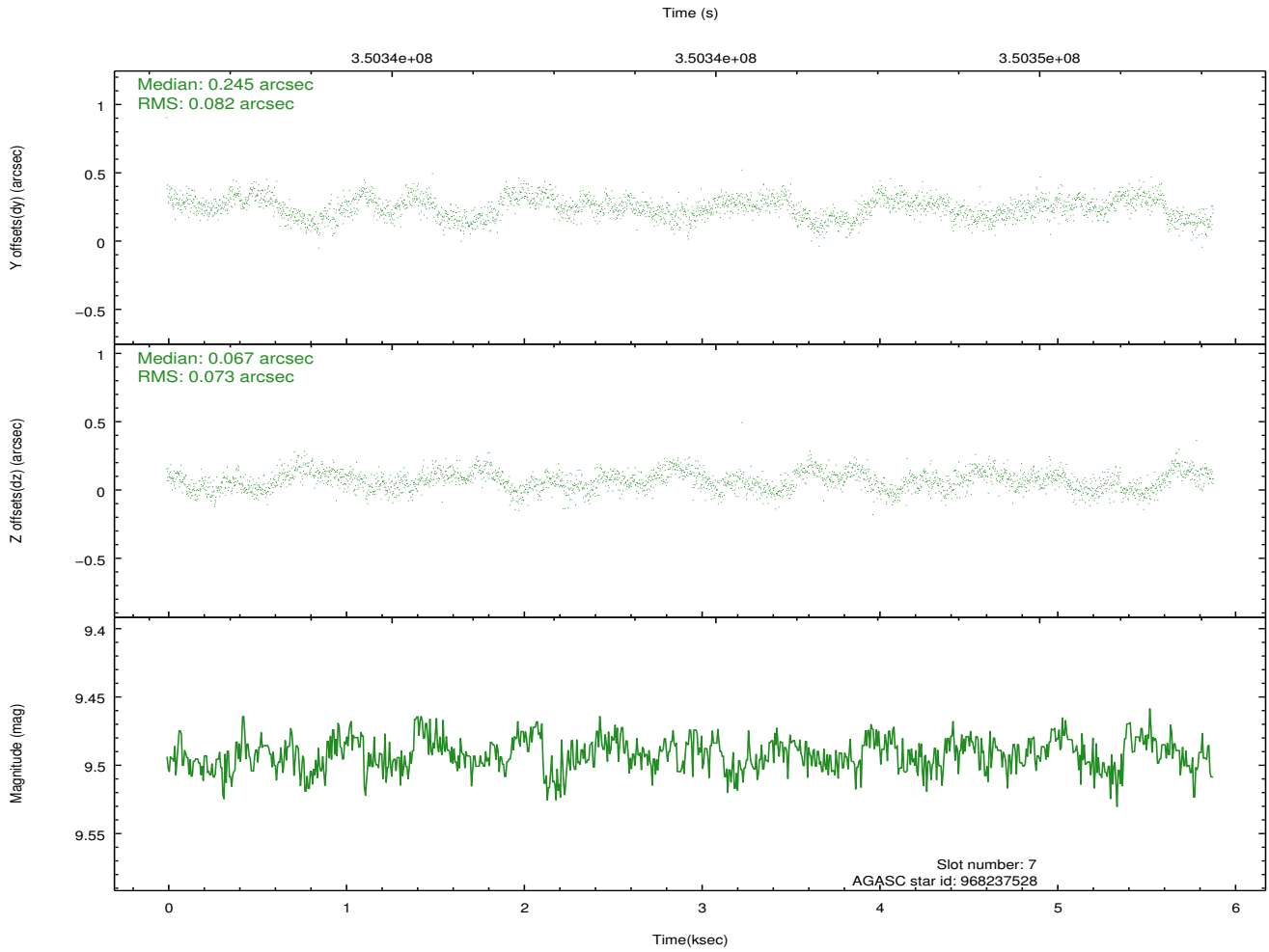
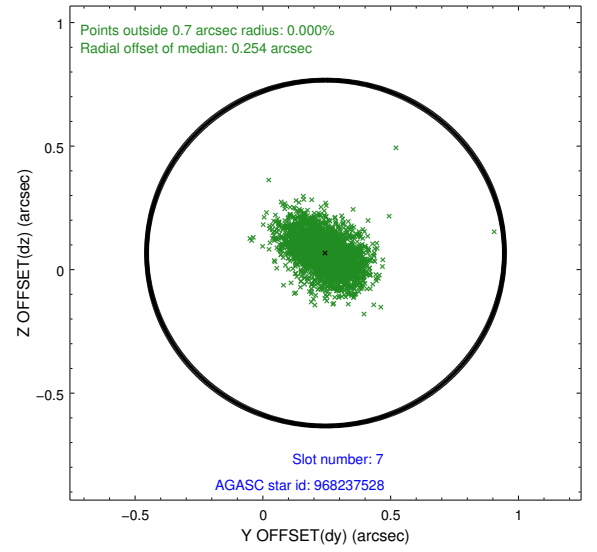
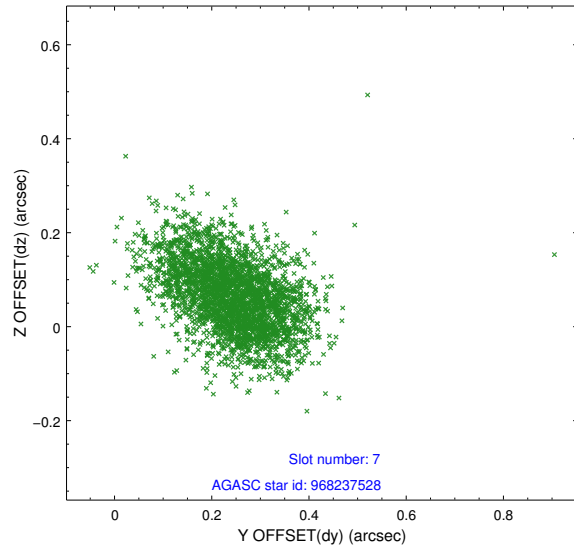
2.4.3 Slot 5



2.4.4 Slot 6

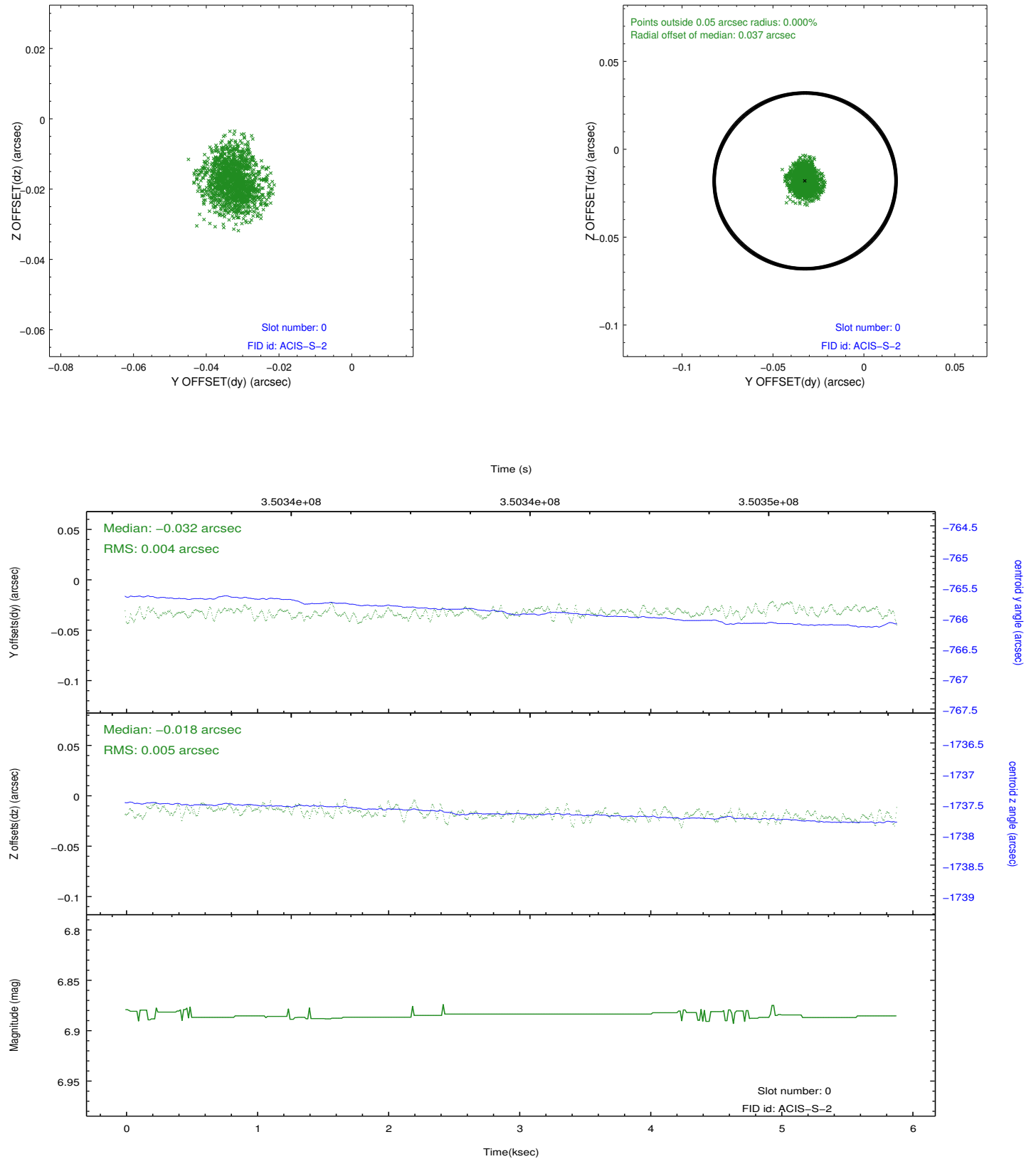


2.4.5 Slot 7

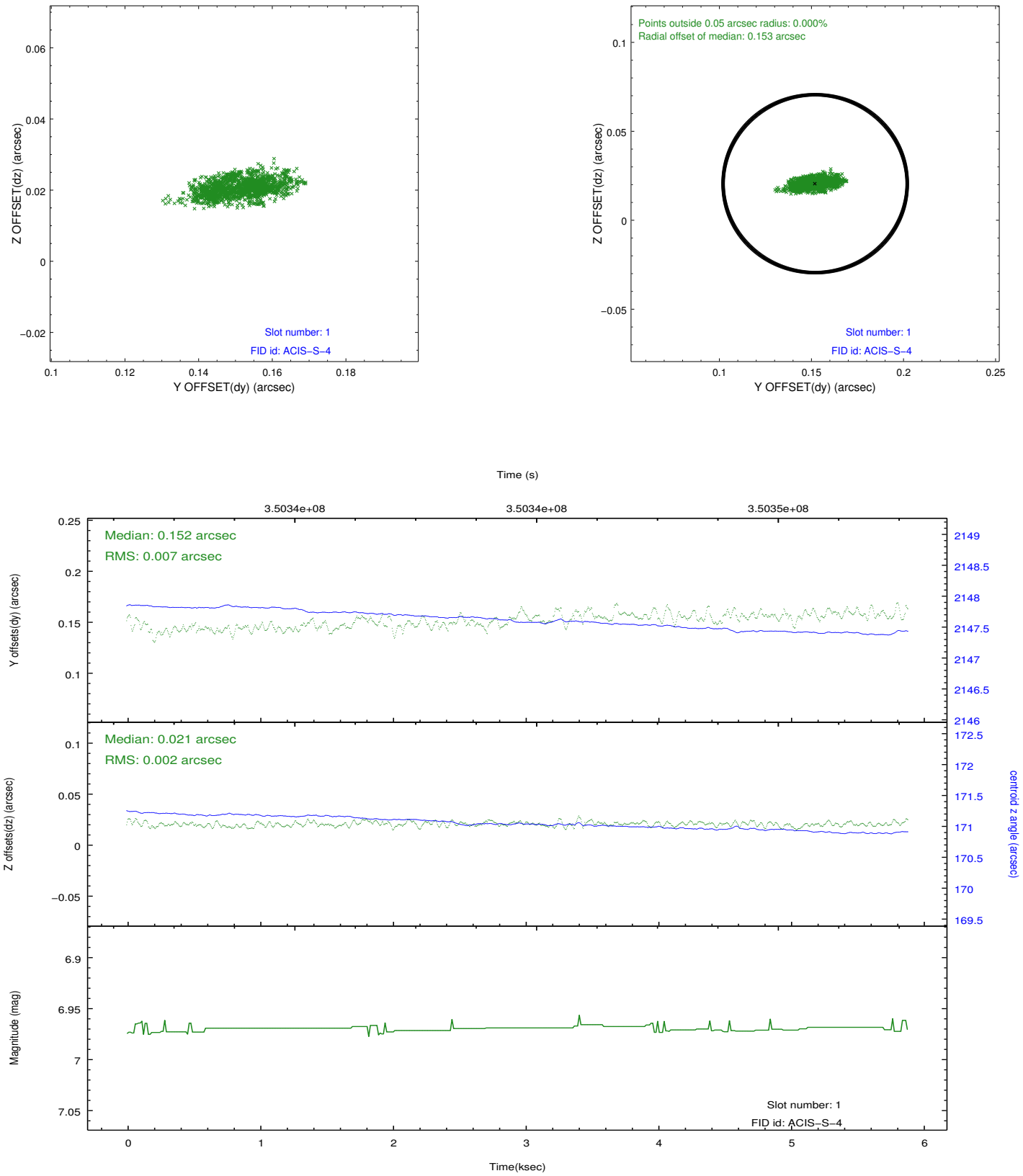


2.5 FID Slots

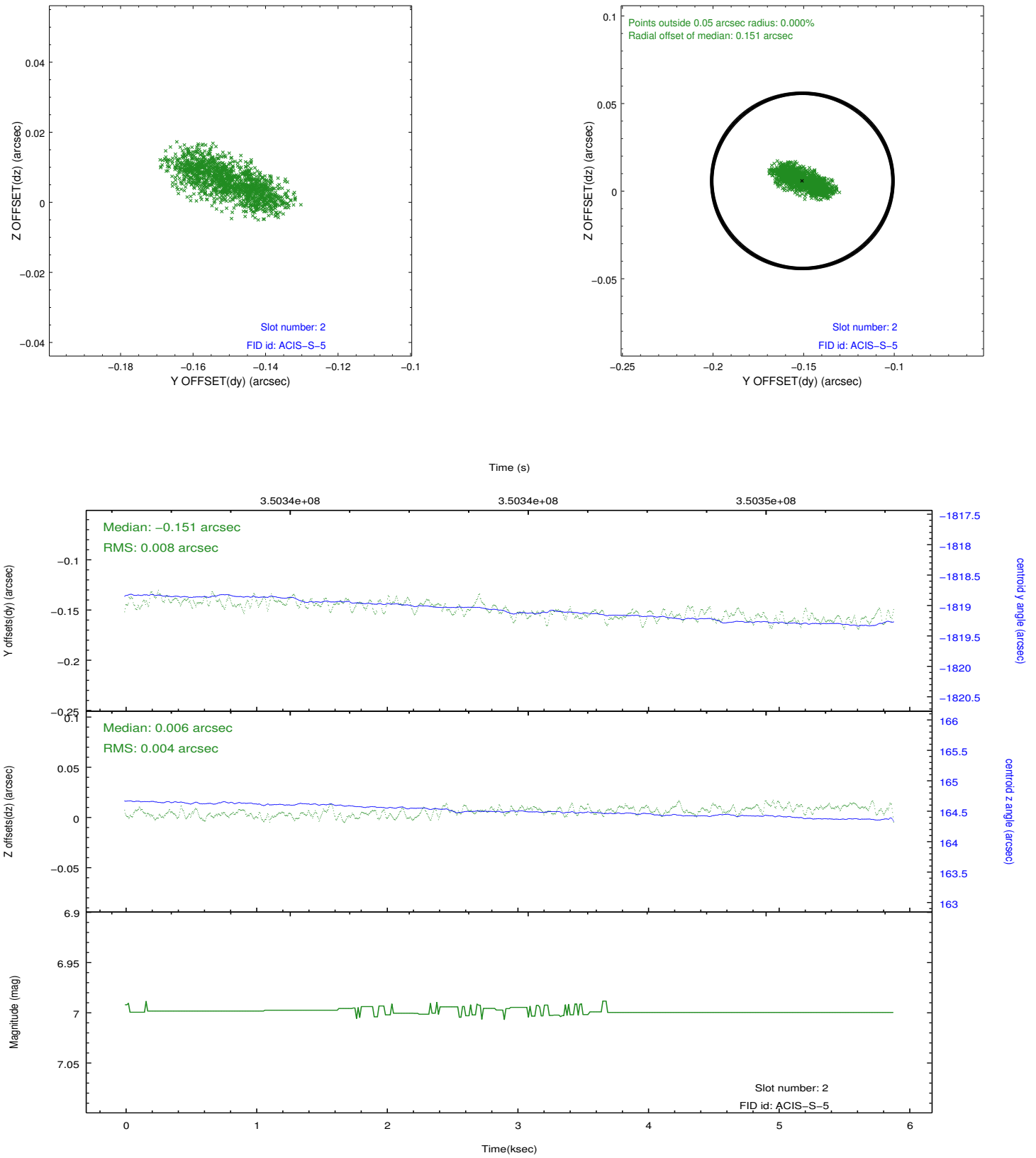
2.5.1 Slot 0



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)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.45279997

A.2 Comments