

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9297 - L2 Version 2
Chandra X-Ray Center

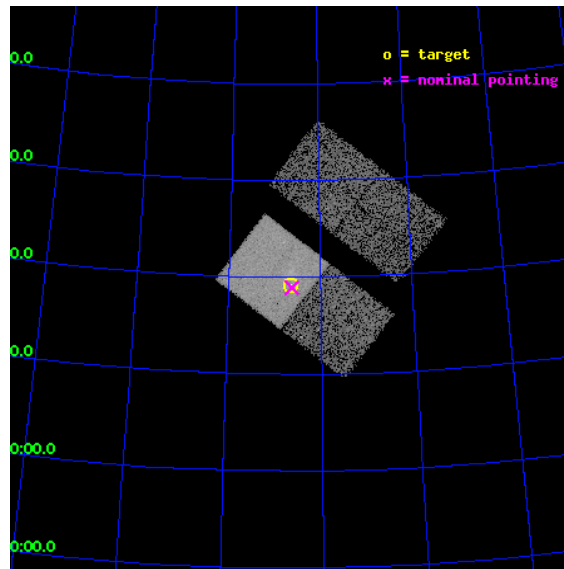
L2 Processing Date : May 25 2012

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1 Front

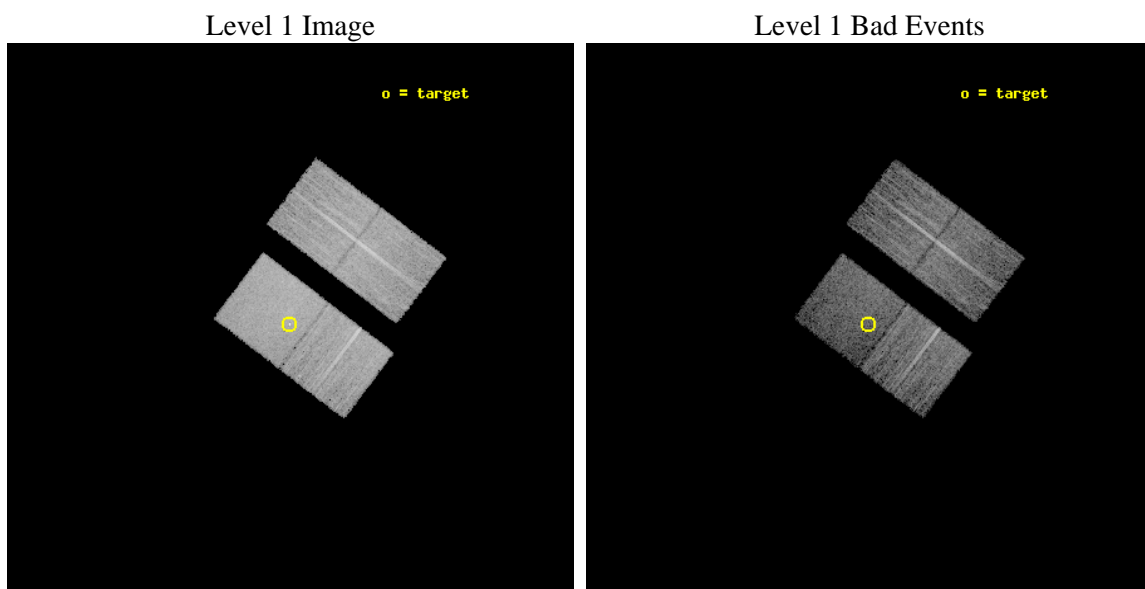
seq_num	701737	Sequence number
obs_id	9297	Observation id
title	Towards a Complete Sample: 3CR Extragalactic Radio Sources with $z < 0.3$	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C61.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	35.803333	Observer's specified target RA [deg]
dec_targ	86.320472	Observer's specified target Dec [deg]
ra_nom	35.776709293948	Nominal RA [deg]
dec_nom	86.315885475908	Nominal Dec [deg]
roll_nom	217.26597305416	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8159.2000627518	Sum of GTIs [s]
livetime	8052.5941072162	Livetime [s]
ontime2	8152.9181320667	Sum of GTIs [s]
ontime3	8156.0590924025	Sum of GTIs [s]
ontime6	8159.2000627518	Sum of GTIs [s]
ontime7	8159.2000627518	Sum of GTIs [s]
l2events	52643	Number of level 2 events



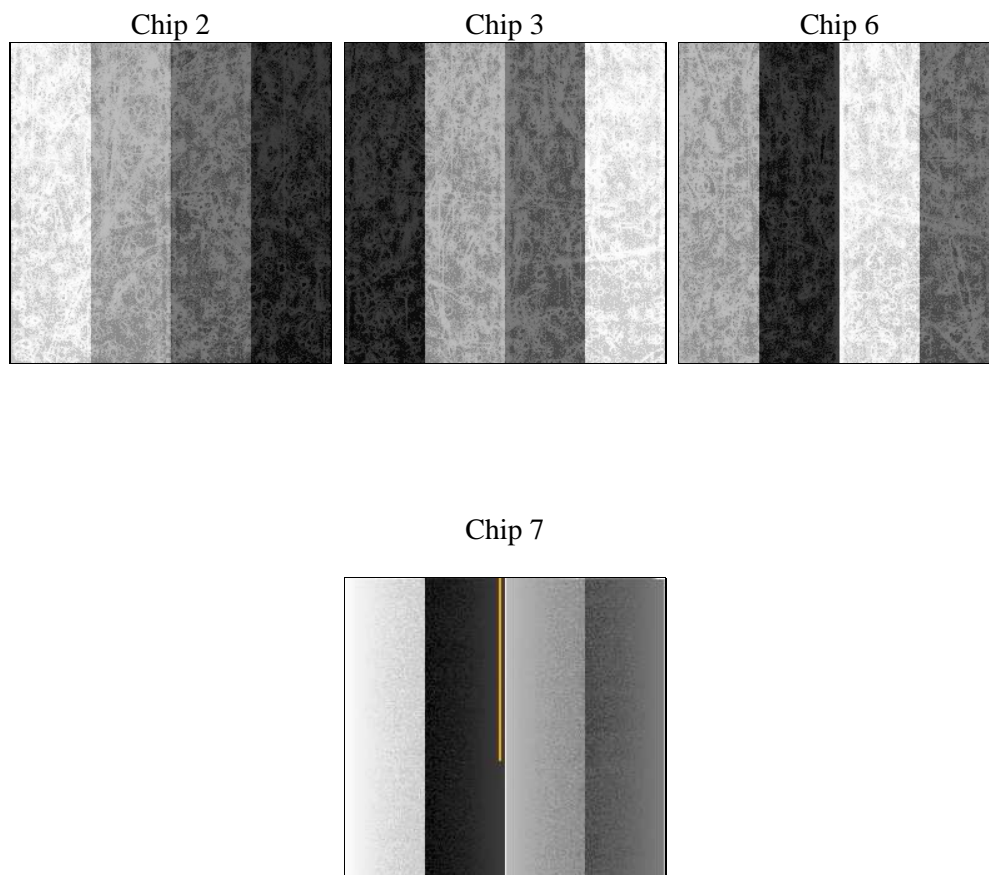
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8159.2000627518	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	8152.9181320667	Sum of GTIs [s]
date	2012-05-25T18:09:42	Date and time of file creation	ontime3	8156.0590924025	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8159.2000627518	Sum of GTIs [s]
			ontime7	8159.2000627518	Sum of GTIs [s]
			l1events	287496	Number of level 1 events

2.1.4 Events

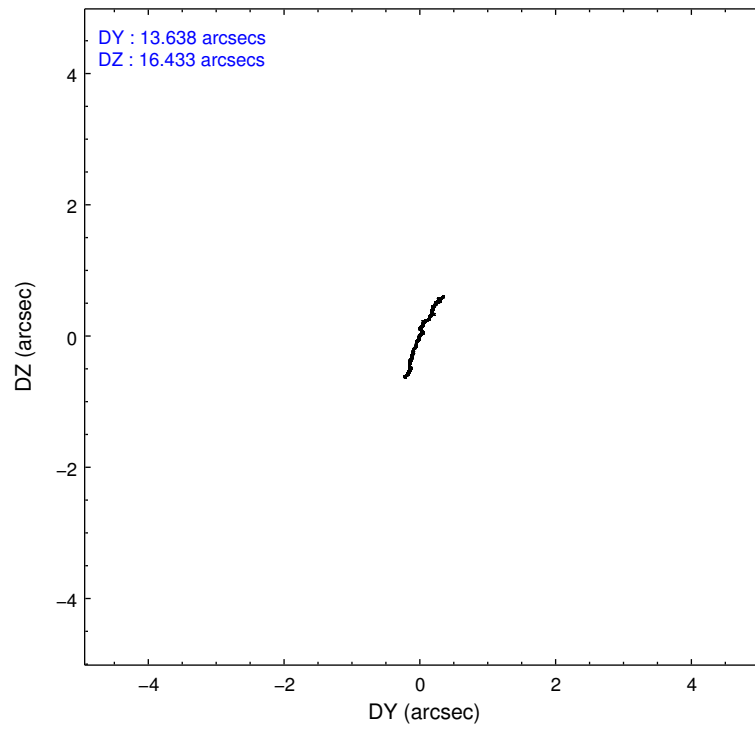
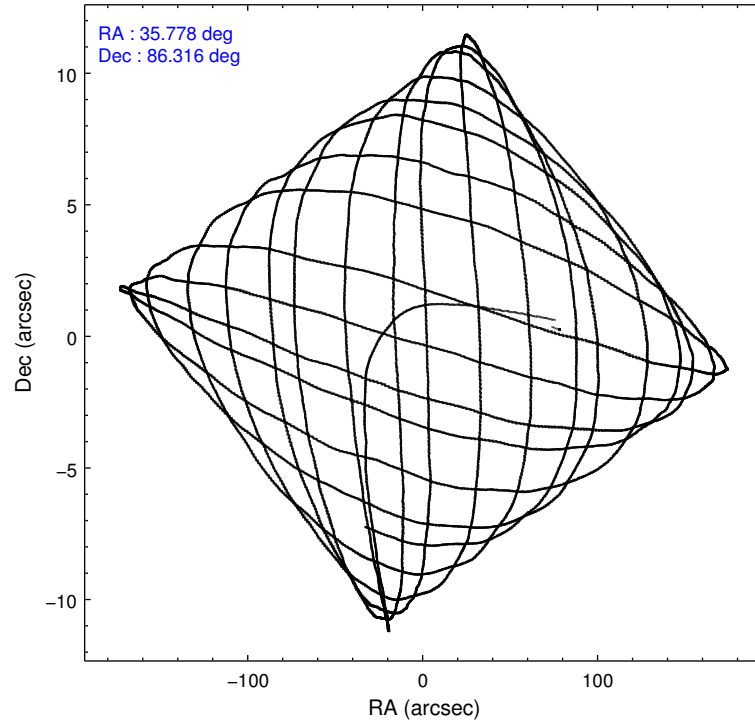
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	68435	68565	69651	80845
rejected events	62032	62281	62234	44441
rejected %	90%	90%	89%	54%

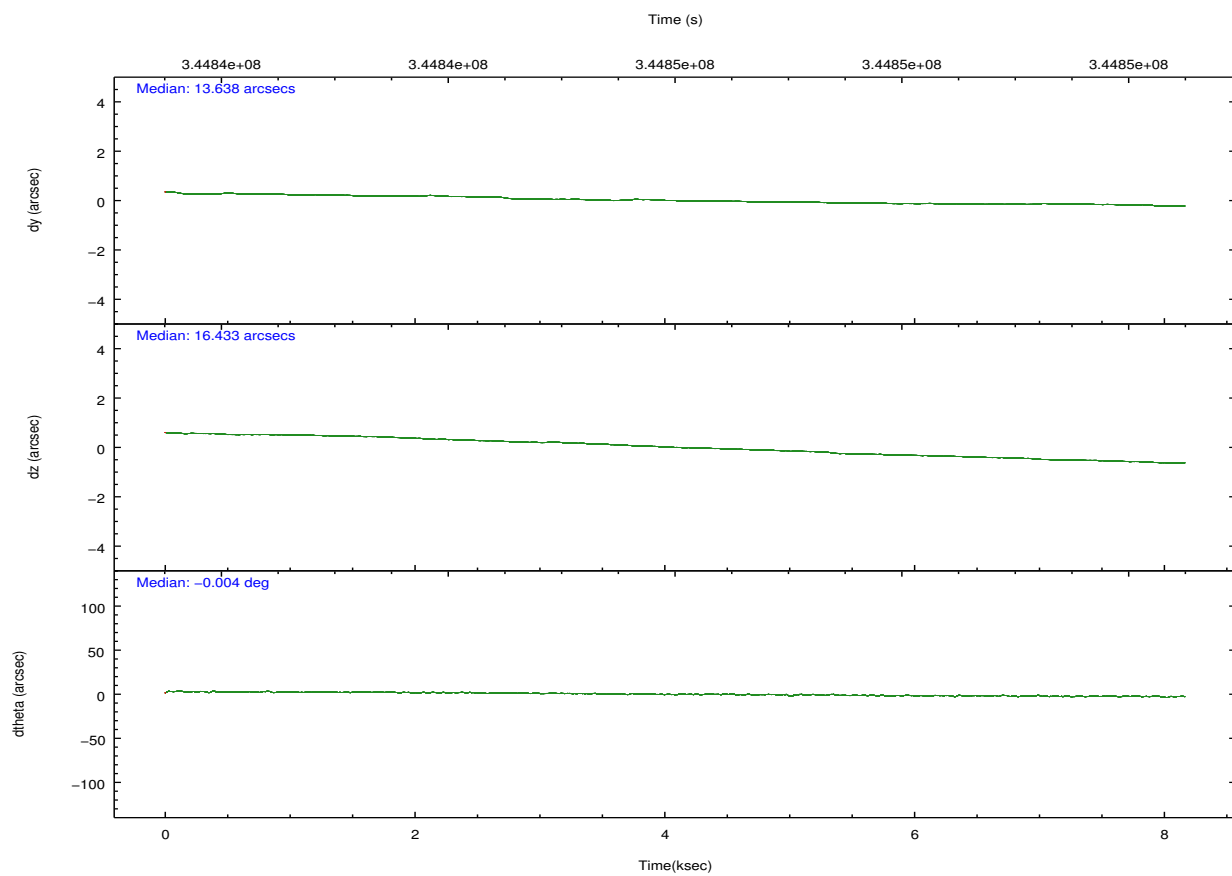
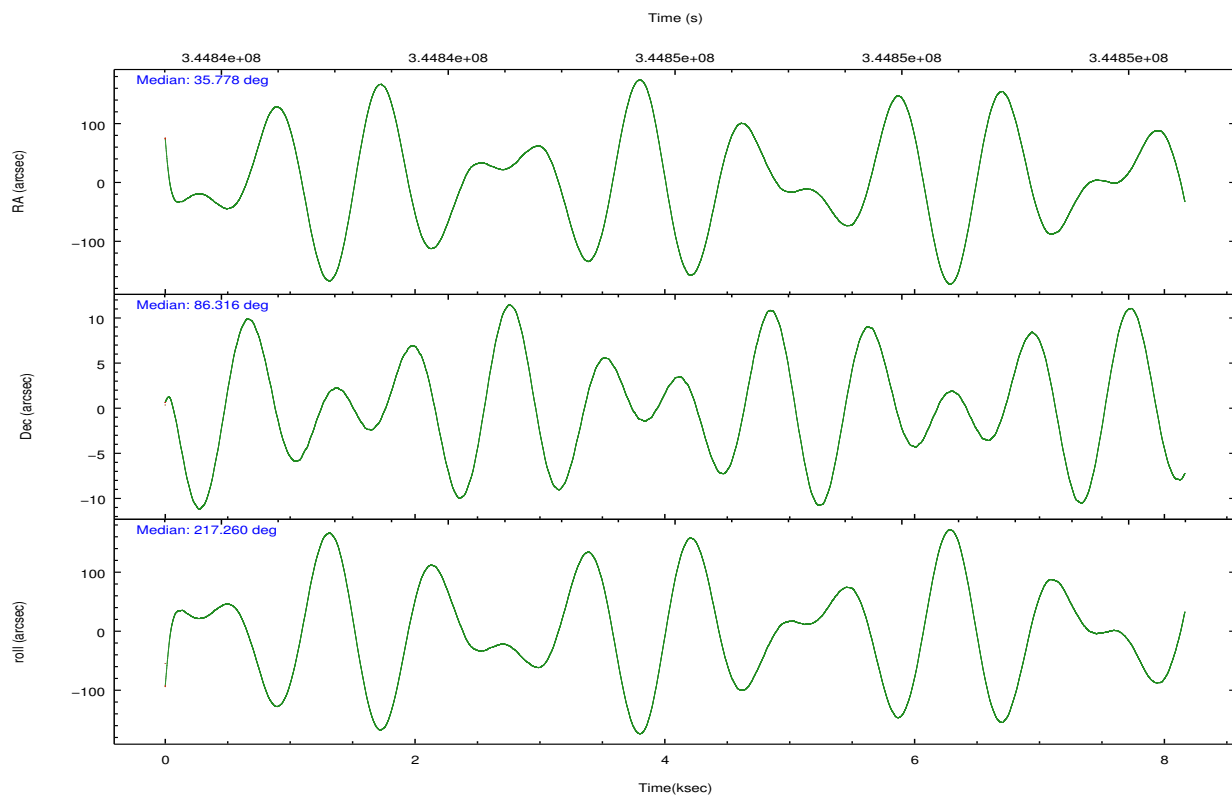
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2331	2178	2768	3706
	3%	3%	3%	4%
grade 1 events	40	39	38	94
	0%	0%	0%	0%
grade 2 events	1694	1482	1608	7875
	2%	2%	2%	9%
grade 3 events	736	753	844	3520
	1%	1%	1%	4%
grade 4 events	653	751	820	3451
	0%	1%	1%	4%
grade 5 events	2439	2802	2911	8137
	3%	4%	4%	10%
grade 6 events	1221	1333	1641	19095
	1%	1%	2%	23%
grade 7 events	59321	59227	59021	34967
	86%	86%	84%	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	35.936309	35.77670929394776	Subarray requested	NONE	NONE
[deg] Pointing Dec	86.341251	86.31588547590809	Alternating exposures requested	N	N
[deg] Pointing Roll	216.950104	217.2659730541565	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	344842084.184000	344841015.82075			
Observation start date	2008-12-05T05:26:59	2008-12-05T05:10:15			
[s] Observation end time (MET)	344850084.184000	344850695.92123			
Observation end date	2008-12-05T07:40:19	2008-12-05T07:51:35			
Read mode	TIMED	TIMED			

2.3 Aspect



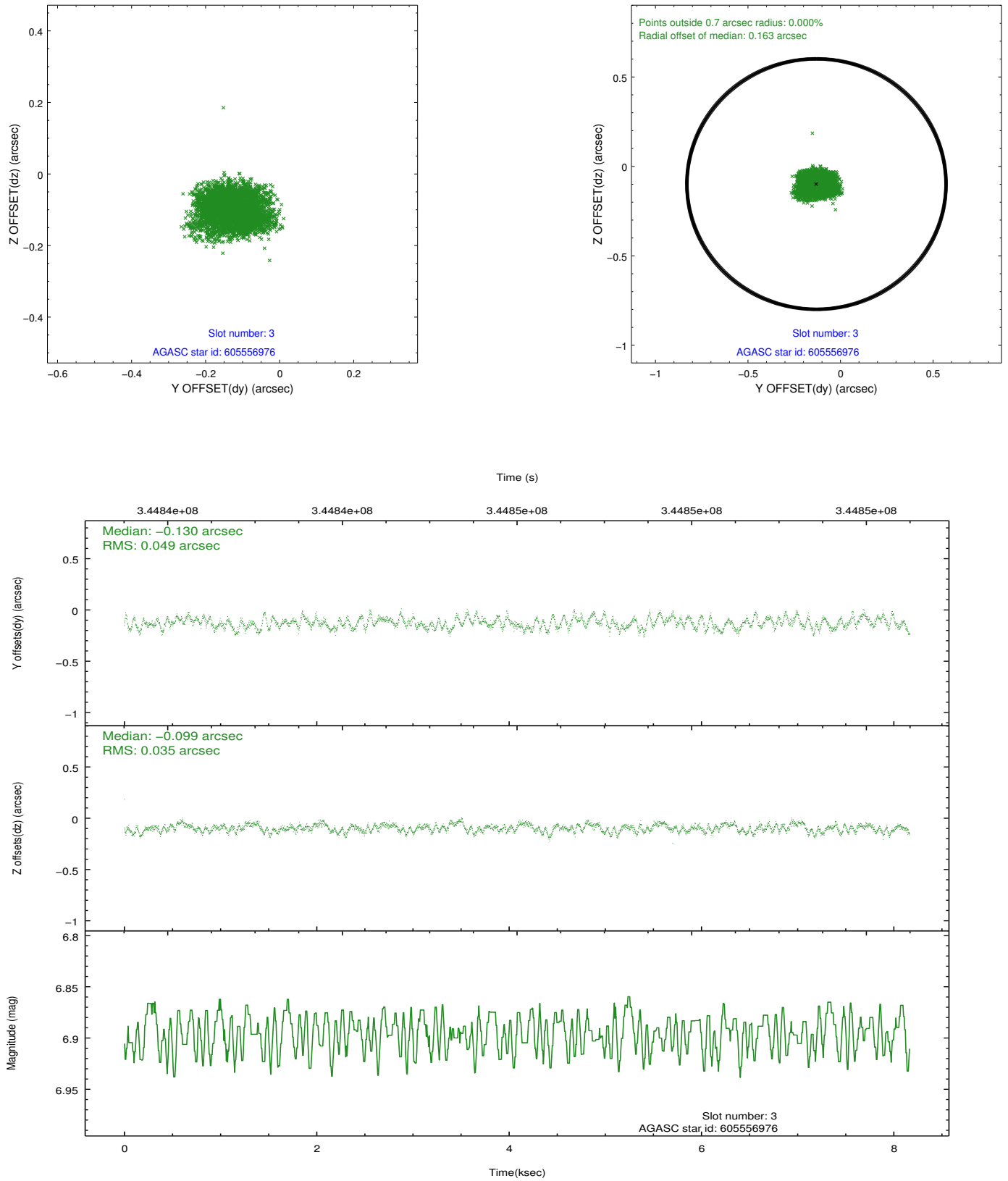


Slot Statistics

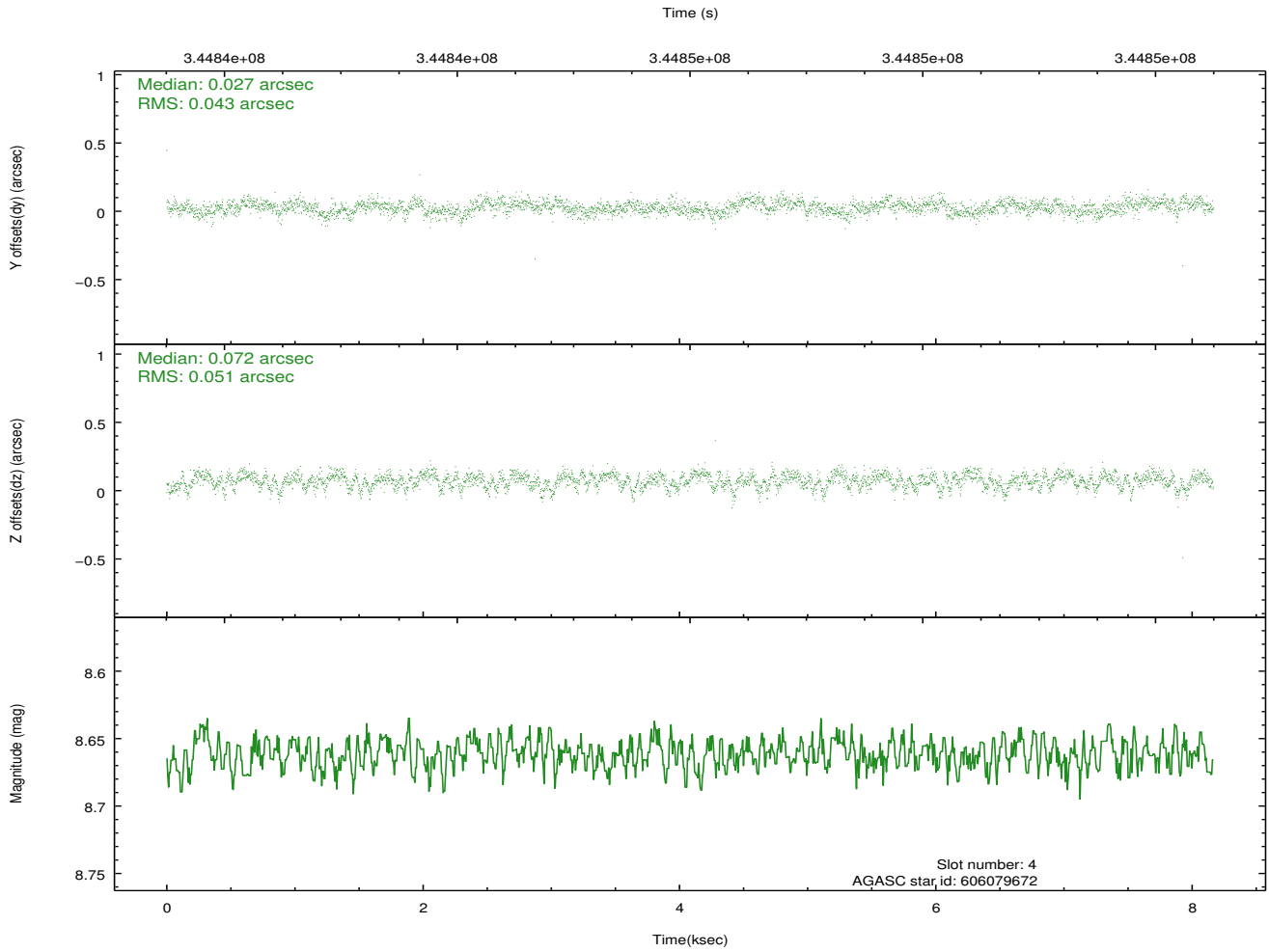
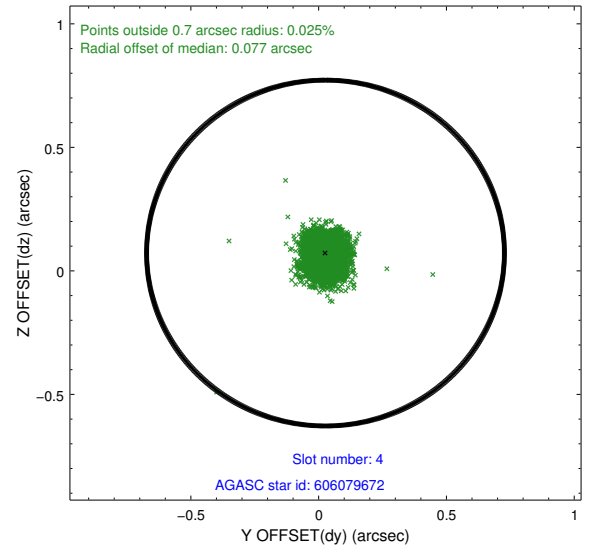
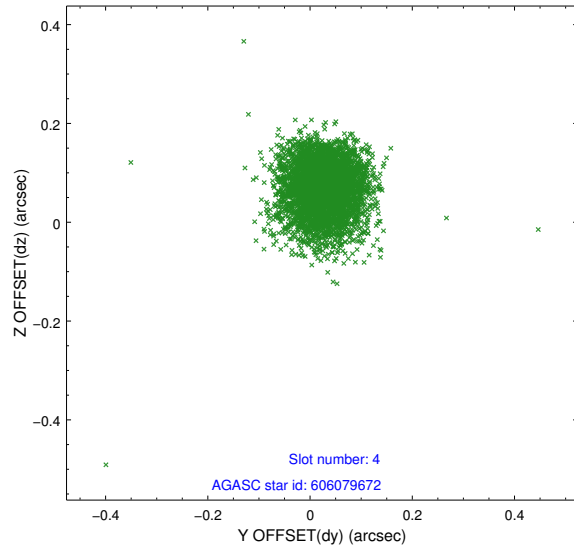
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1992	-0.041	-0.016	0.010	0.017	0.000000	0.000000	-766.64	-1737.82
1	FID	ACIS-S-4	6.97	1992	0.178	0.025	0.006	0.012	0.000000	0.000000	2146.55	169.99
2	FID	ACIS-S-5	6.99	1991	-0.168	0.000	0.013	0.020	0.000000	0.000000	-1818.73	164.42
3	GUIDE	605556976	6.90	3984	-0.130	-0.099	0.065	0.104	34.748698	85.736157	1561.37	1546.39
4	GUIDE	606079672	8.66	3980	0.027	0.072	0.069	0.112	35.254825	86.761950	-799.08	-1294.09
5	GUIDE	605556744	9.33	3981	0.014	0.042	0.118	0.190	30.576614	85.741708	2400.70	812.01
6	GUIDE	605559440	8.23	3983	0.047	-0.216	0.074	0.122	41.642951	85.799283	-71.90	2402.74
7	GUIDE	606080224	8.35	3978	0.041	0.203	0.082	0.127	30.895322	86.931799	-527.81	-2315.24

2.4 Star Slots

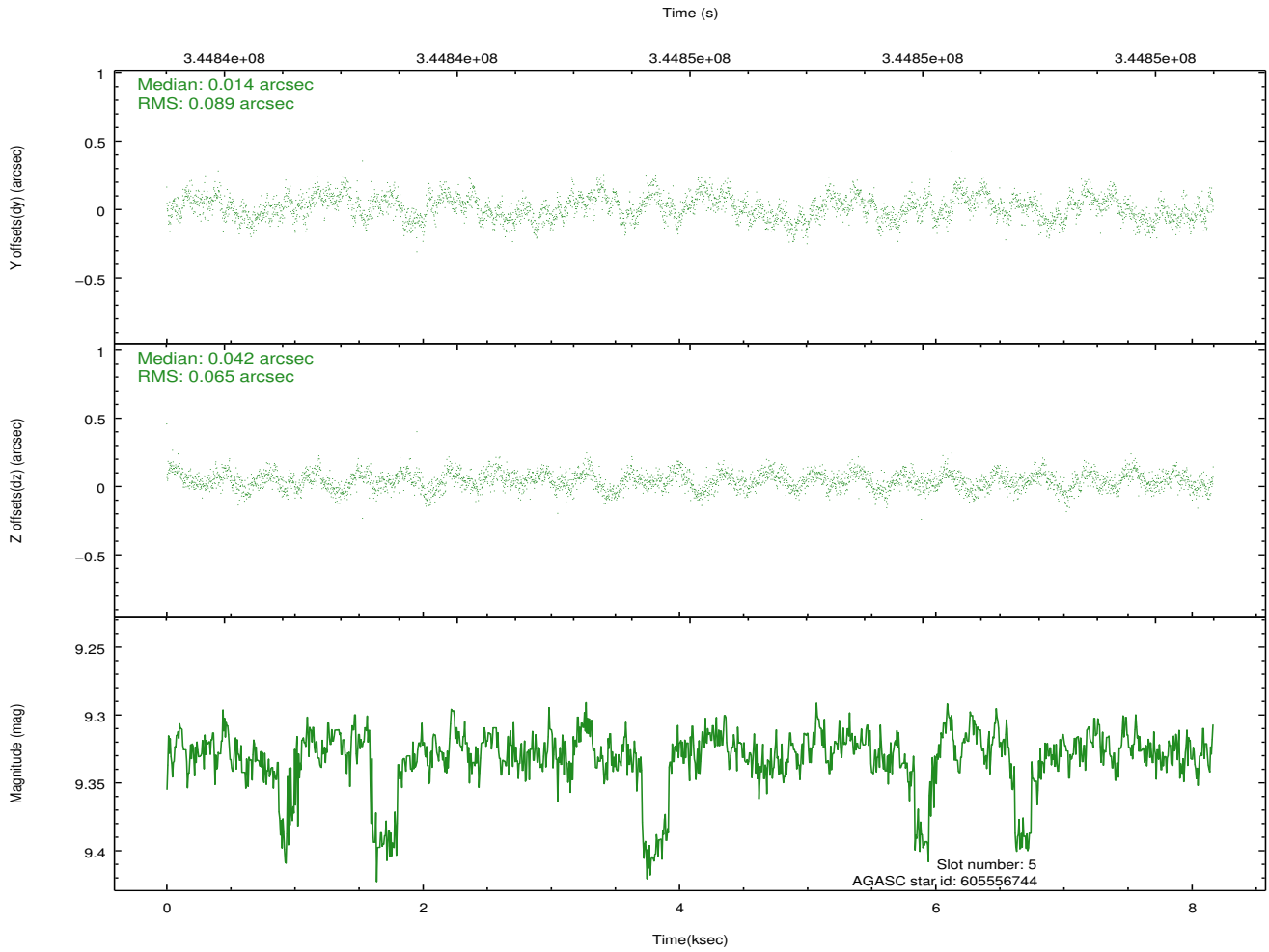
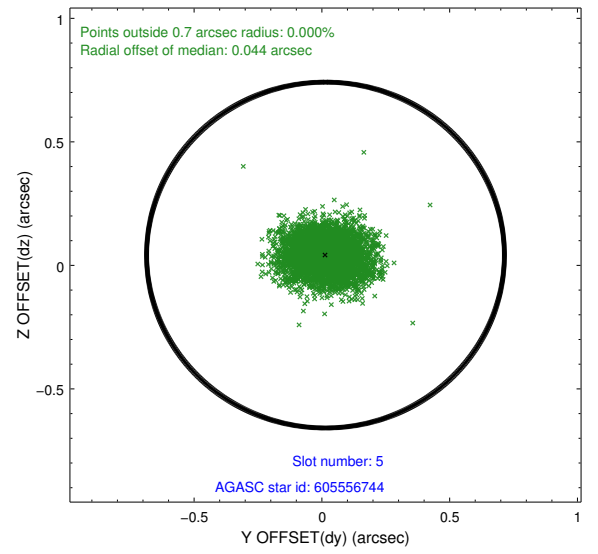
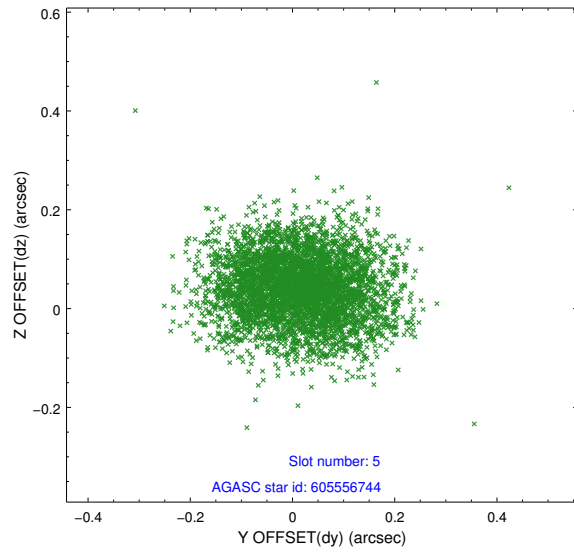
2.4.1 Slot 3



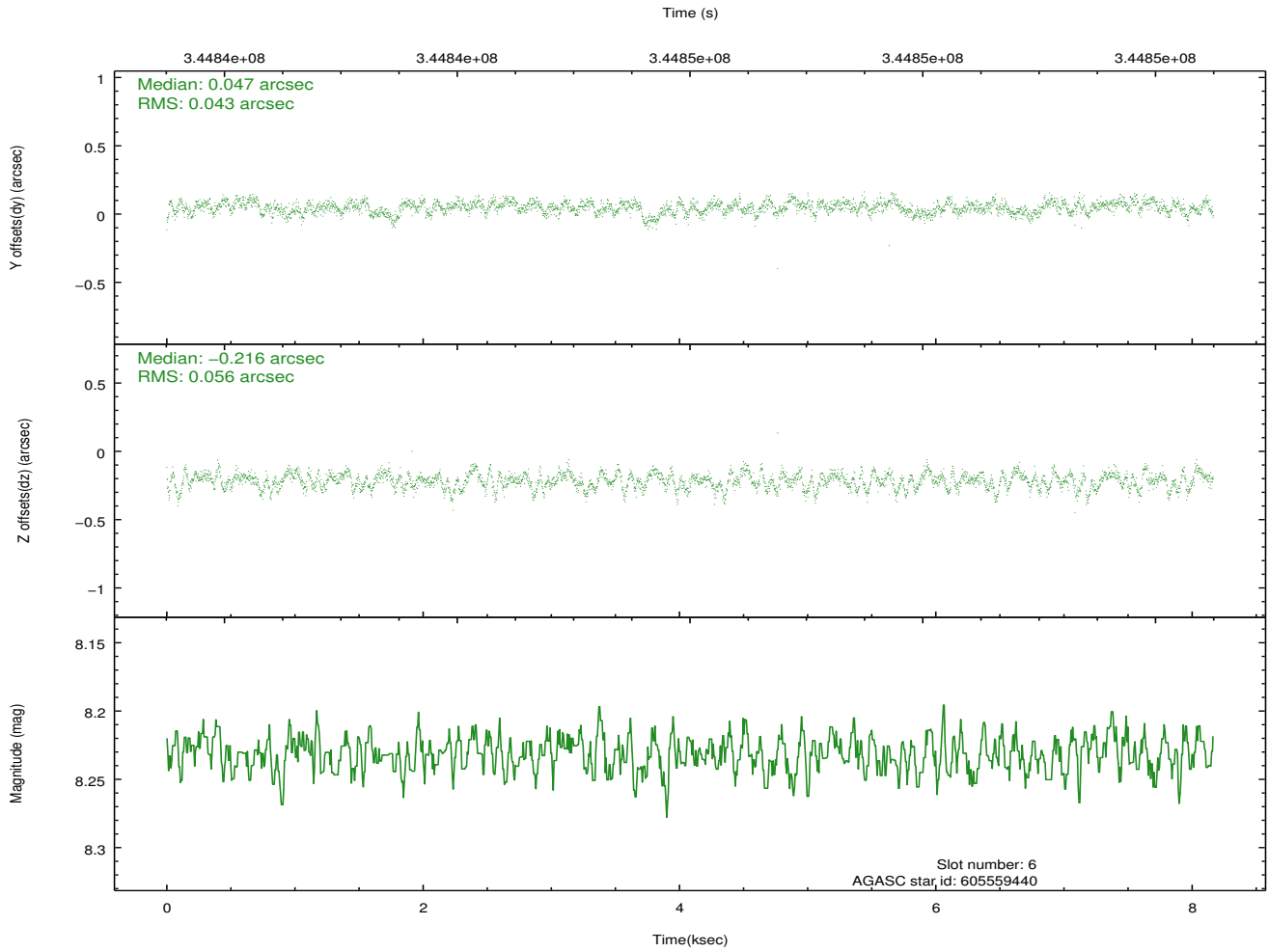
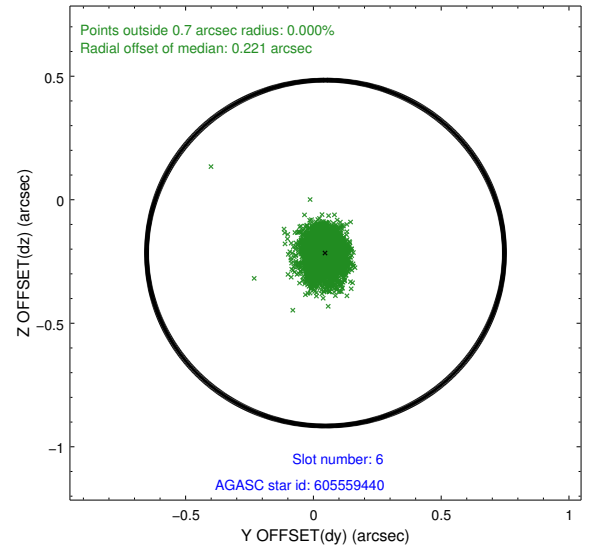
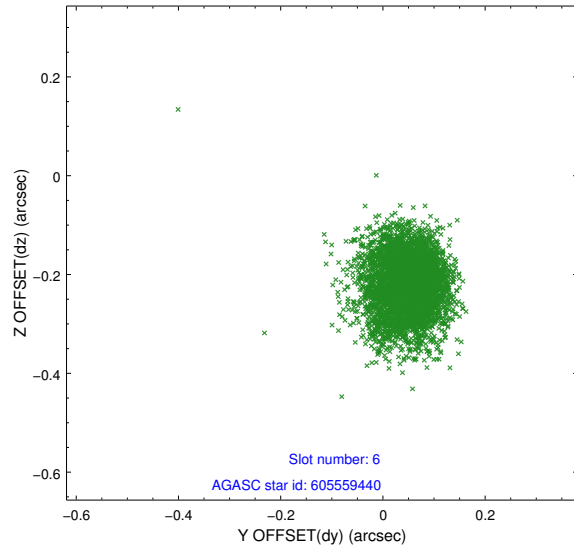
2.4.2 Slot 4



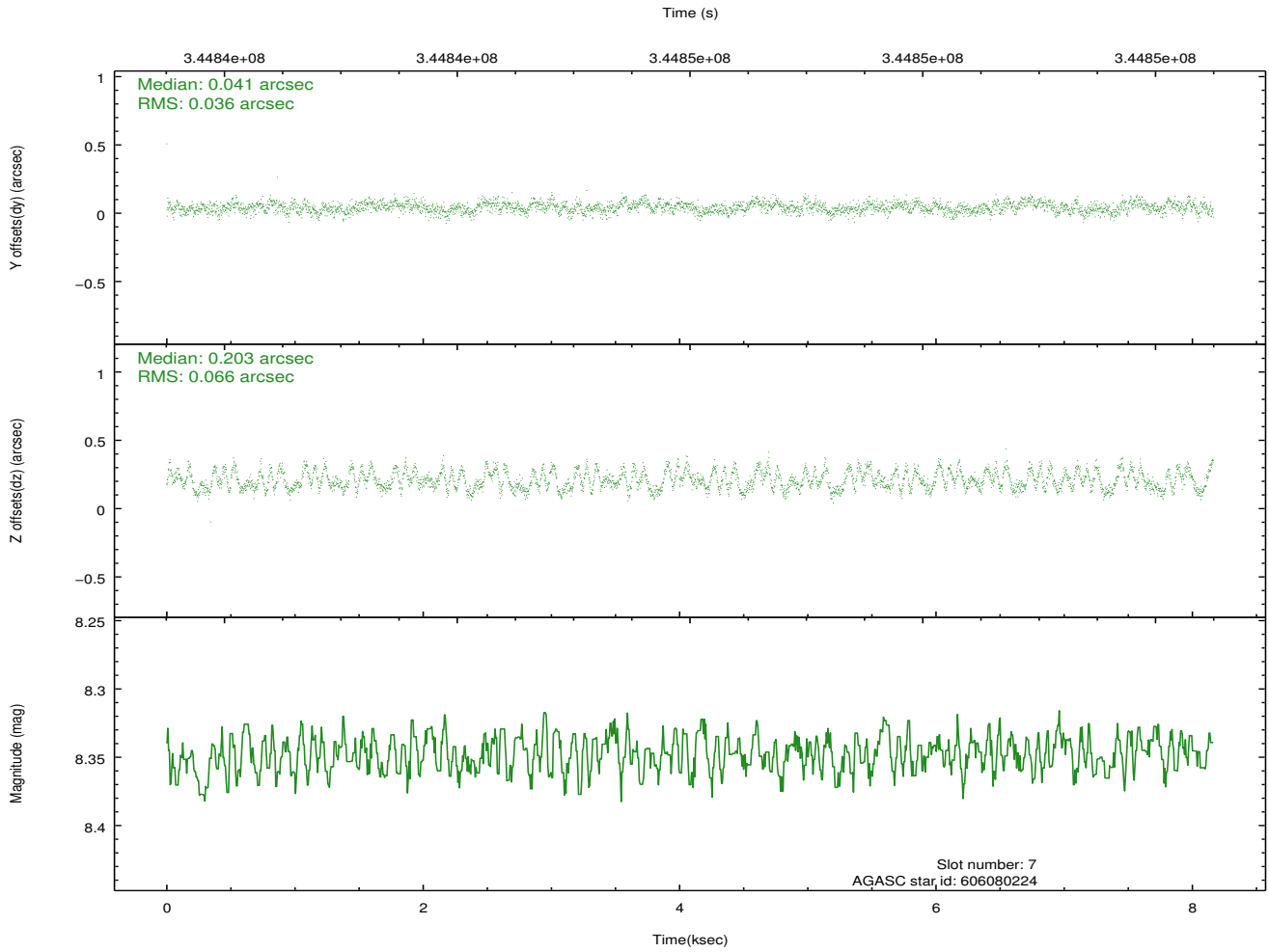
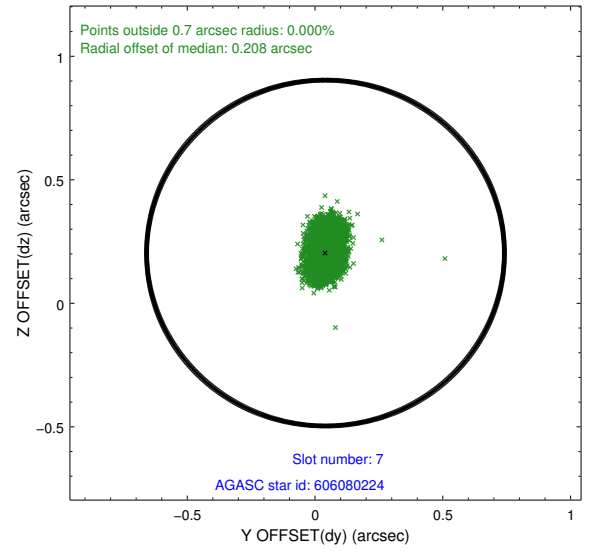
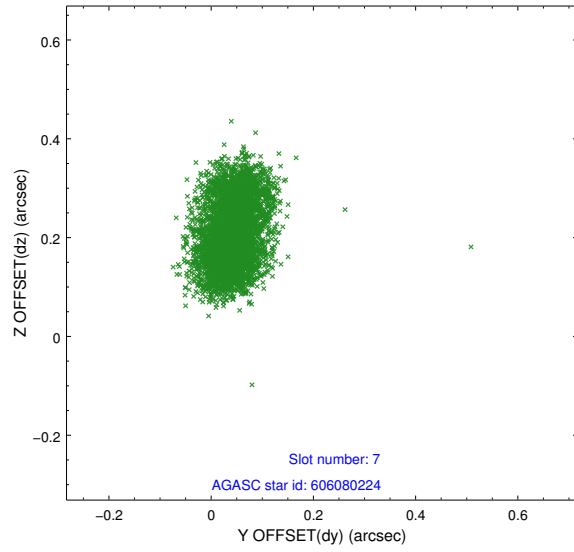
2.4.3 Slot 5



2.4.4 Slot 6

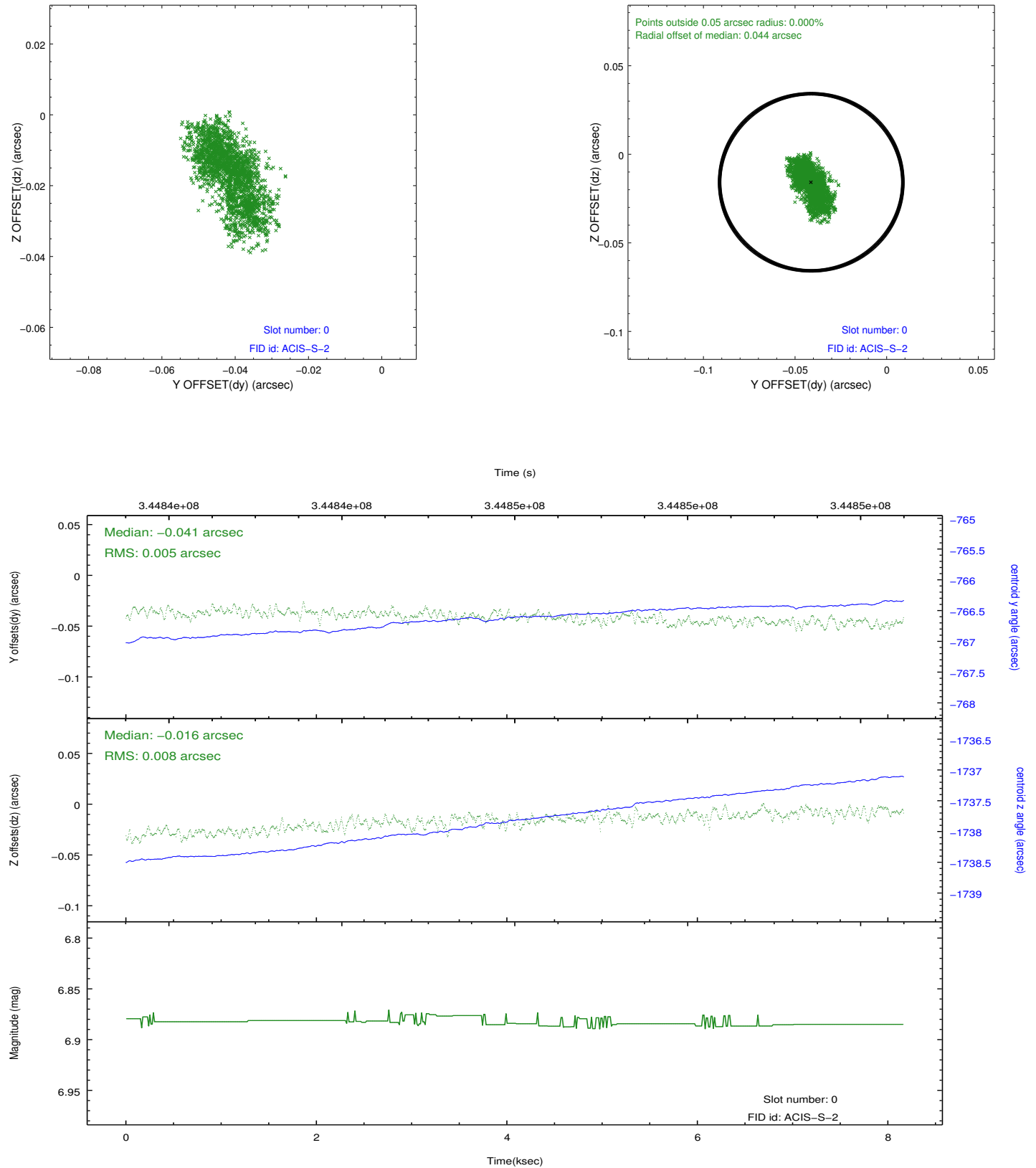


2.4.5 Slot 7

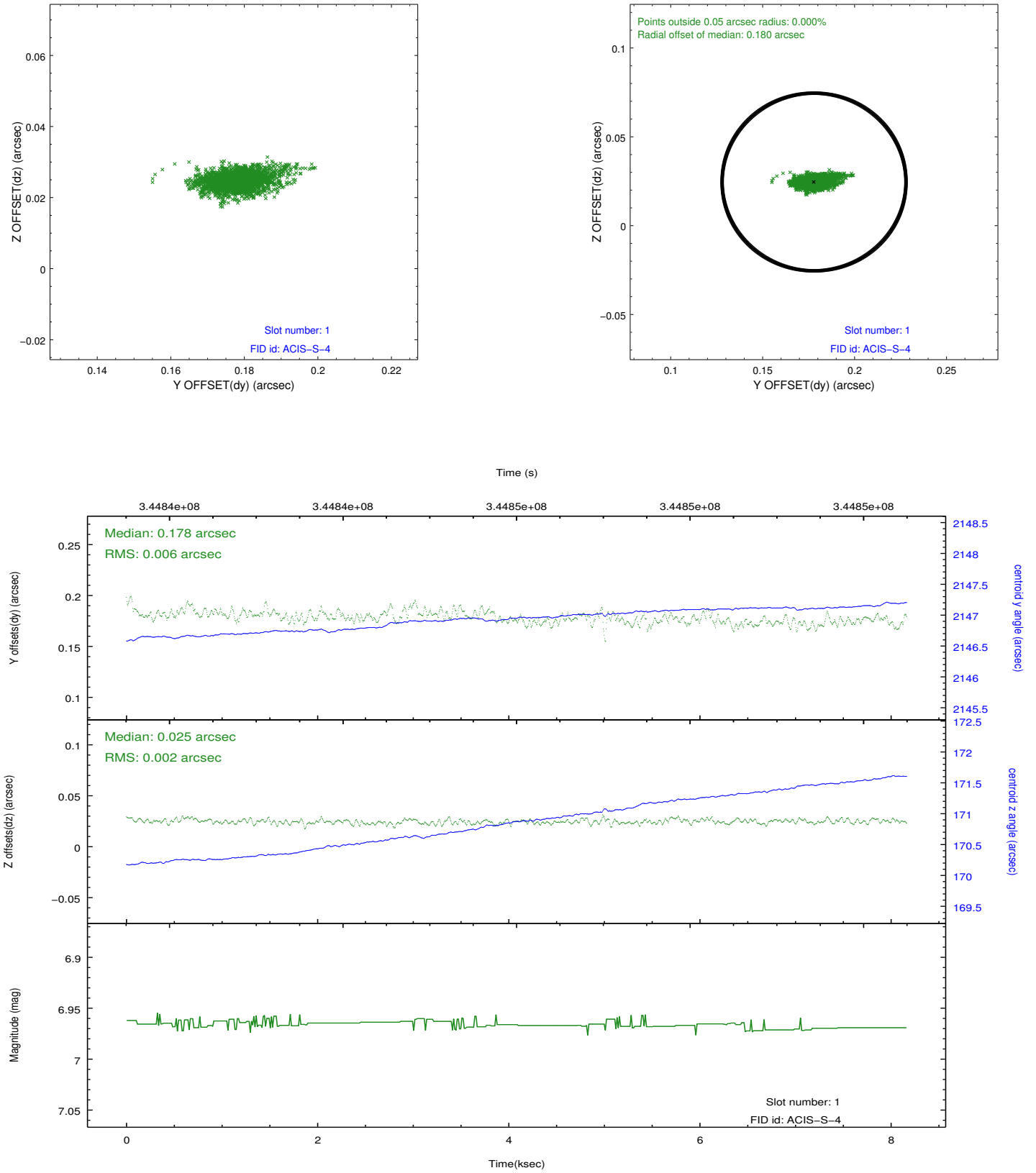


2.5 FID Slots

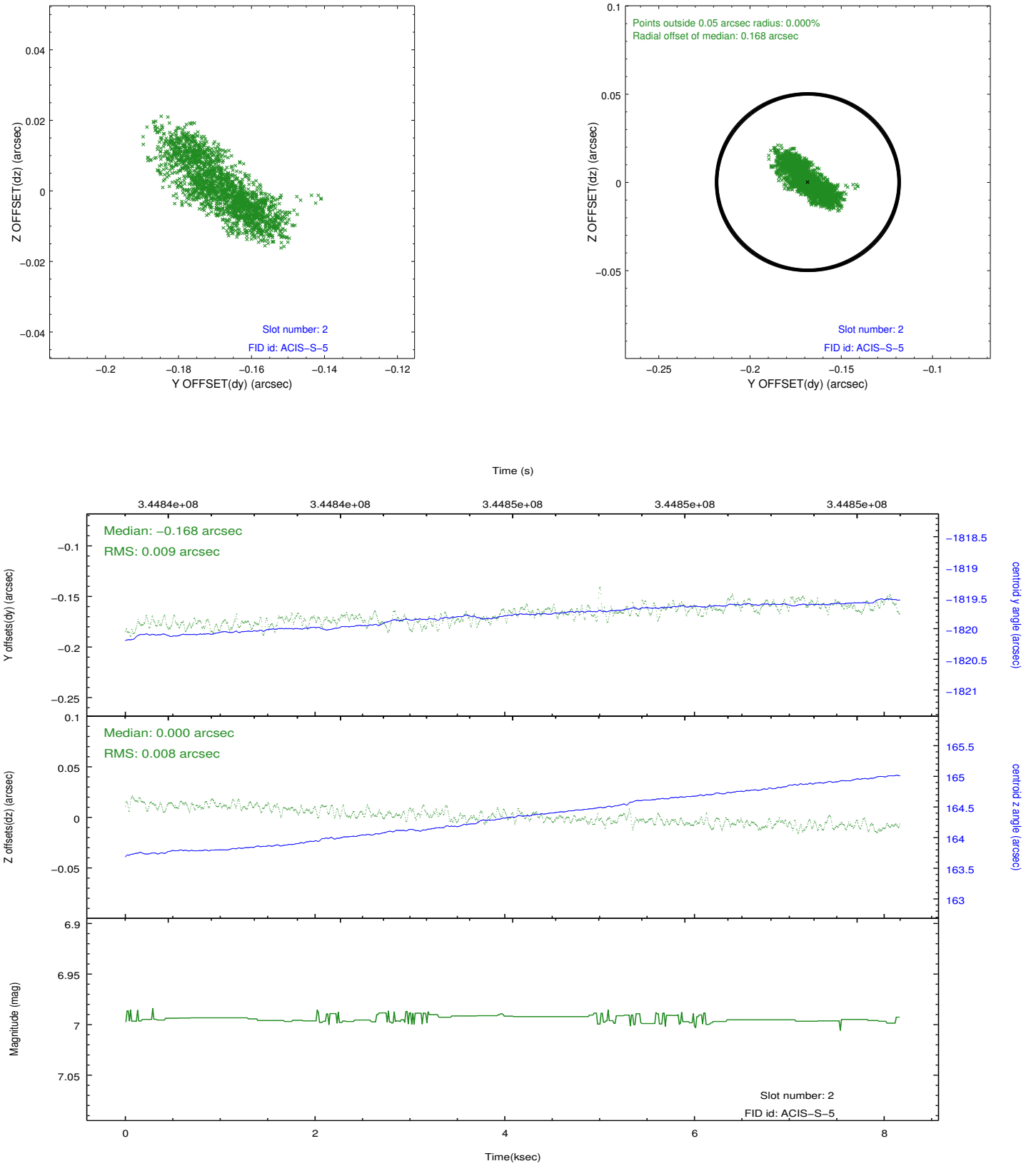
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.15920006

A.2 Comments