

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2784 - L2 Version 3
Chandra X-Ray Center

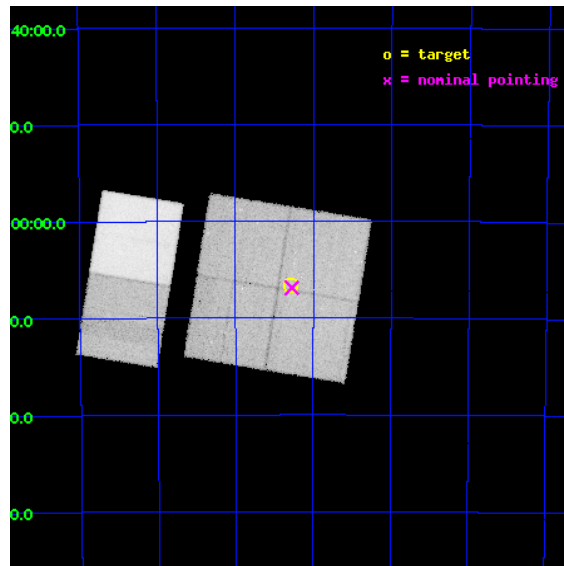
L2 Processing Date : Oct 11 2012

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1 Front

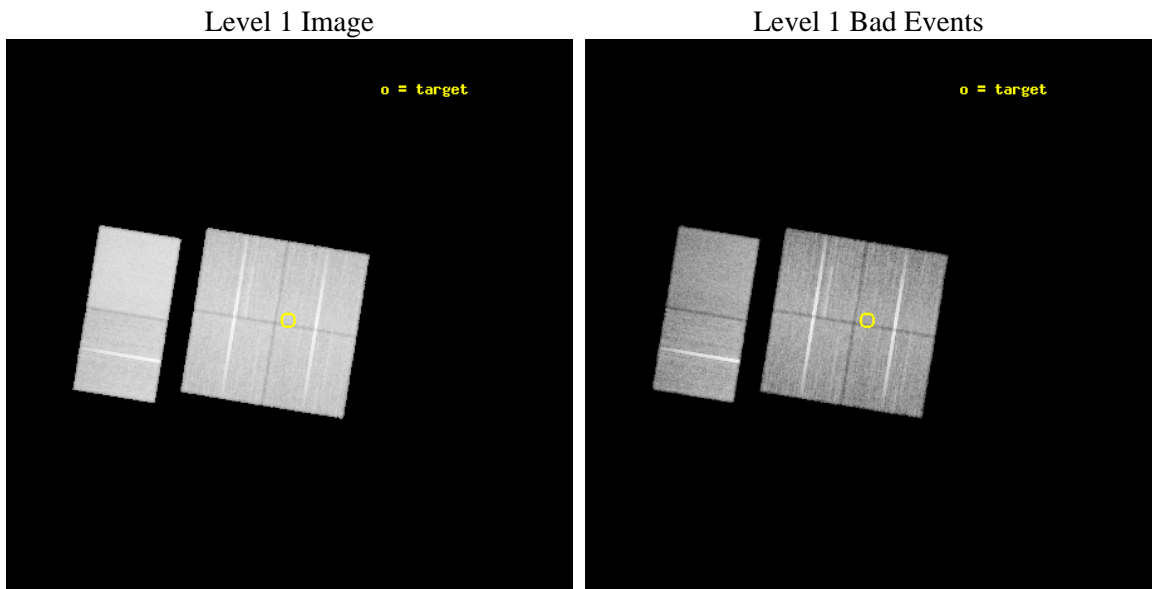
seq_num	500234	Sequence number
obs_id	2784	Observation id
title	THE PULSAR-POWERED NEBULA IN G322.5-0.1	Proposal title
observer	Prof. Bryan Gaensler	Principal investigator
object	G322.5-0.1	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	230.820833	Observer's specified target RA [deg]
dec_targ	-57.110278	Observer's specified target Dec [deg]
ra_nom	230.81882058888	Nominal RA [deg]
dec_nom	-57.114793414123	Nominal Dec [deg]
roll_nom	279.27175808481	Nominal Roll [deg]
revision	3	Processing version of data
ontime	28211.117954373	Sum of GTIs [s]
livetime	27853.891792139	Livetime [s]
ontime0	28207.876964211	Sum of GTIs [s]
ontime1	28211.117954373	Sum of GTIs [s]
ontime2	28217.599894881	Sum of GTIs [s]
ontime3	28201.394924015	Sum of GTIs [s]
ontime6	28214.358944505	Sum of GTIs [s]
ontime7	28217.599894881	Sum of GTIs [s]
l2events	404323	Number of level 2 events



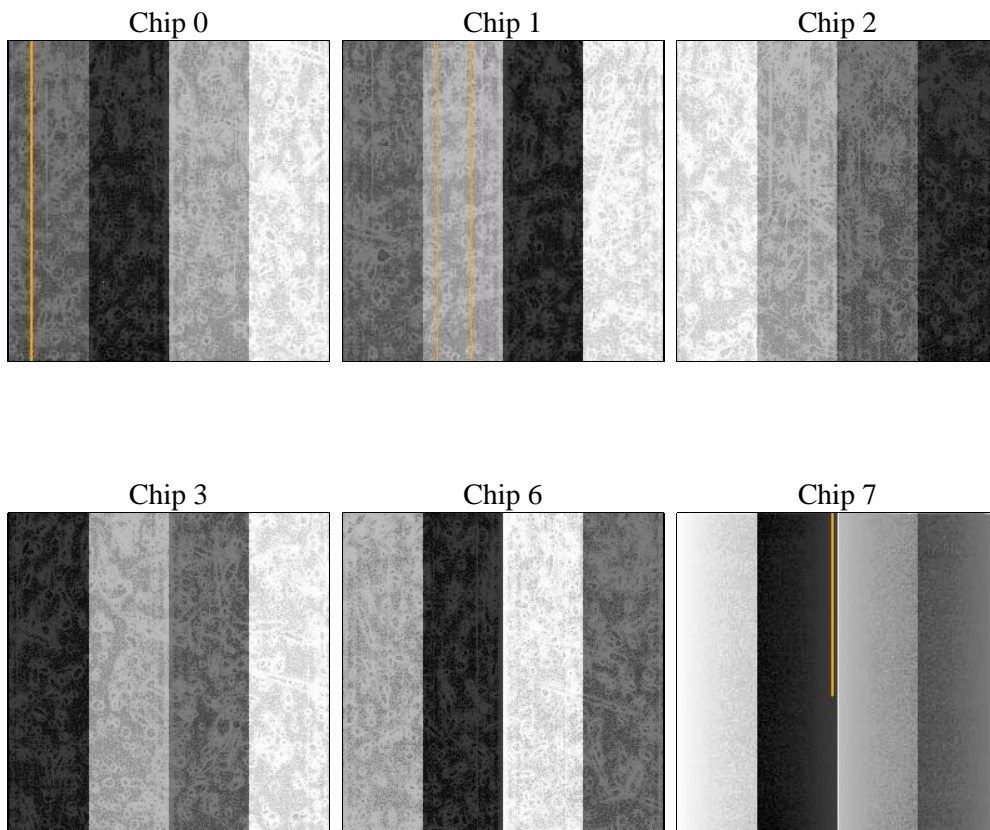
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	28257.567000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	28211.117954373	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	28207.876964211	Sum of GTIs [s]
date	2012-10-11T15:15:24	Date and time of file creation	ontime1	28211.117954373	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	28217.599894881	Sum of GTIs [s]
			ontime3	28201.394924015	Sum of GTIs [s]
			ontime6	28214.358944505	Sum of GTIs [s]
			ontime7	28217.599894881	Sum of GTIs [s]
			l1events	1431111	Number of level 1 events

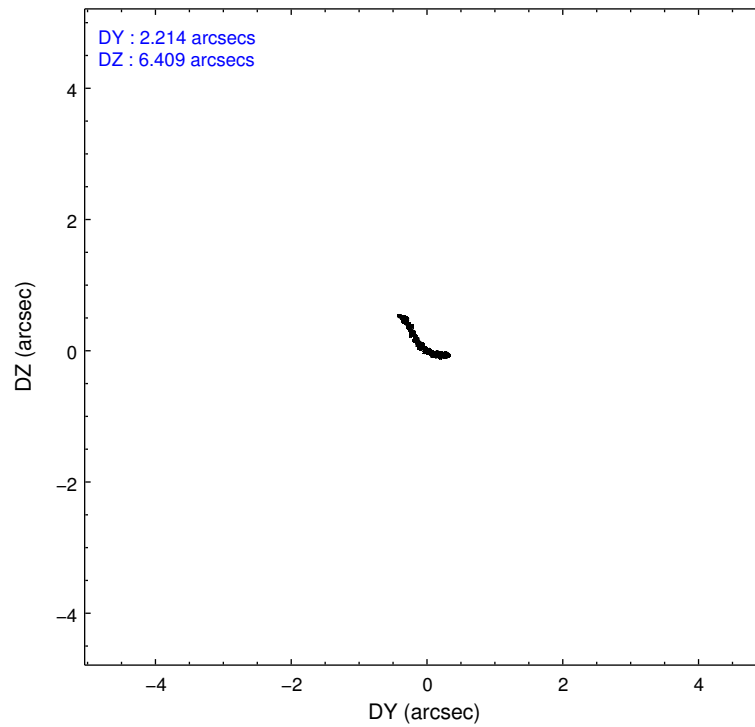
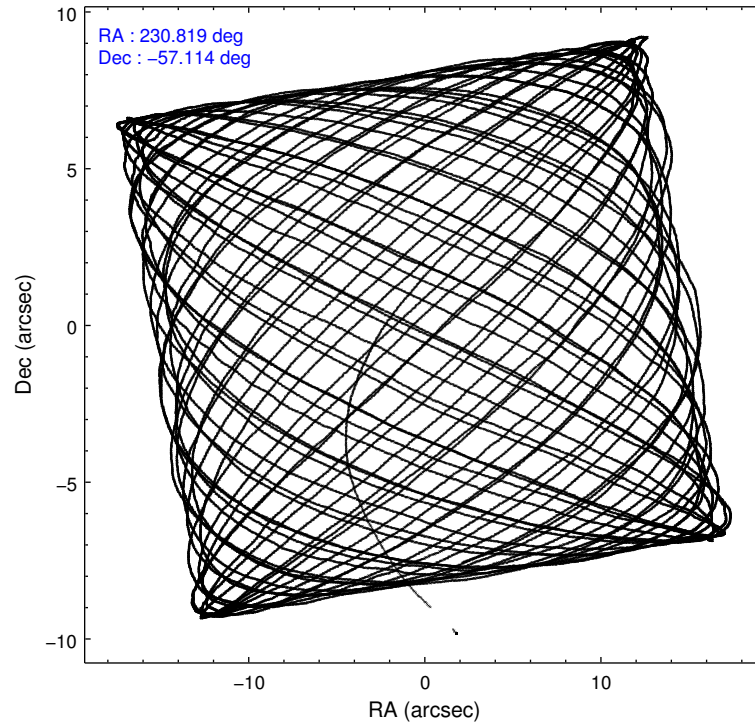
2.1.4 Events

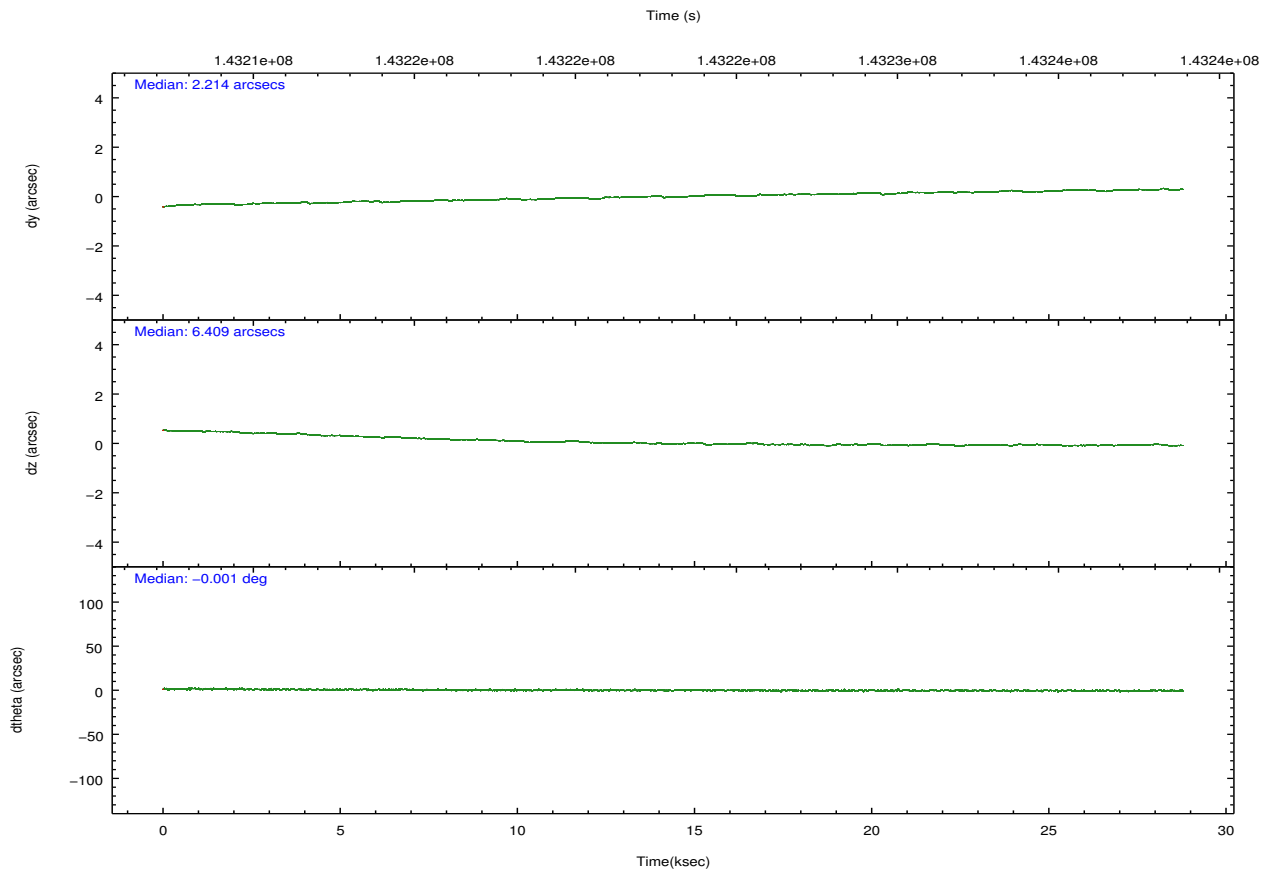
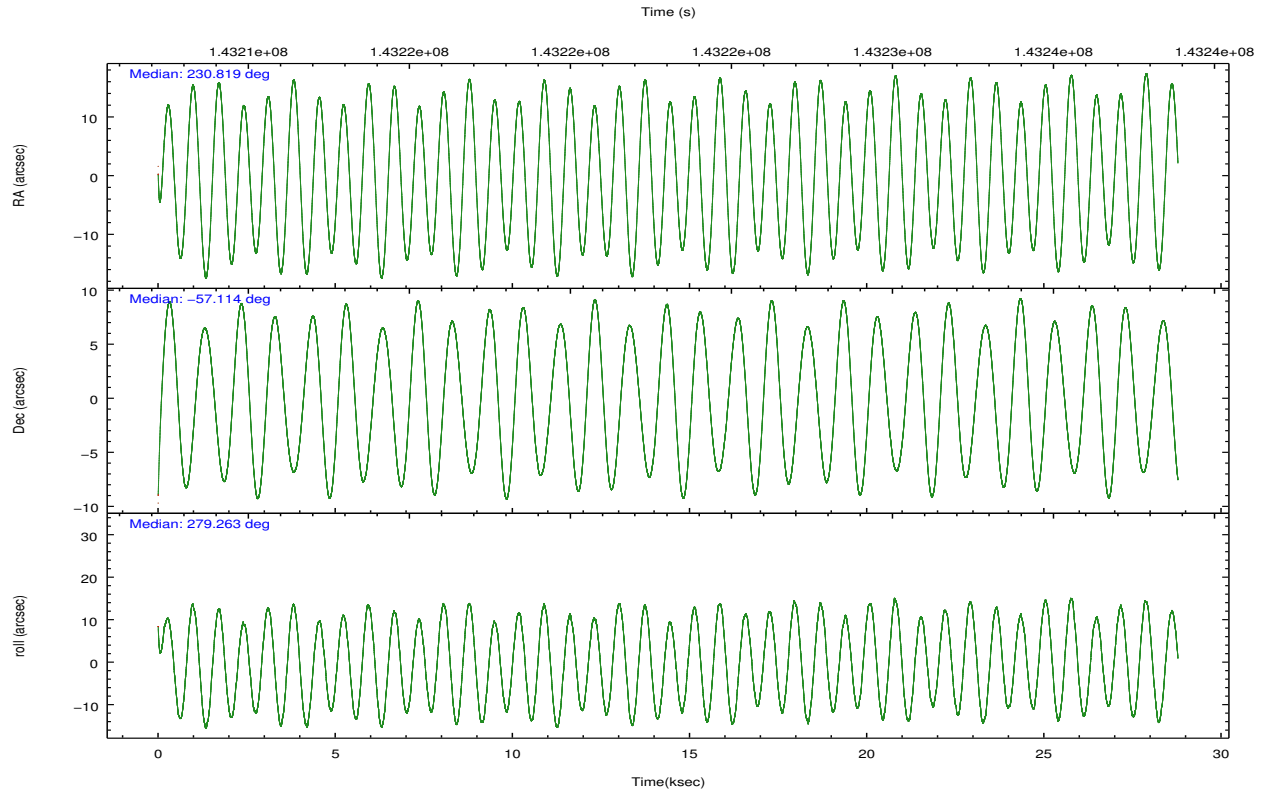
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	210848	216863	220666	224903	230566	327265	grade 0 events	33907	34532	27959	28282	26346	19191
rejected events	155448	158906	173432	177108	184296	149431		16%	15%	12%	12%	11%	5%
rejected %	73%	73%	78%	78%	79%	45%	grade 1 events	204	210	184	184	161	274
								0%	0%	0%	0%	0%	0%
							grade 2 events	9134	9409	8209	7912	7721	33961
								4%	4%	3%	3%	3%	10%
							grade 3 events	3406	3667	2847	3069	3039	15359
								1%	1%	1%	1%	1%	4%
							grade 4 events	3165	3796	2911	2990	2922	15275
								1%	1%	1%	1%	1%	4%
							grade 5 events	7163	7736	6590	7620	8736	24635
								3%	3%	2%	3%	3%	7%
							grade 6 events	5795	6566	5321	5591	6248	94073
								2%	3%	2%	2%	2%	28%
							grade 7 events	148074	150947	166645	169255	175393	124497
								70%	69%	75%	75%	76%	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	230.786739	230.8188205888829	Subarray requested	NONE	NONE
[deg] Pointing Dec	-57.093648	-57.11479341412332	Alternating exposures requested	N	N
[deg] Pointing Roll	279.036132	279.2717580848128	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-239.452463	-239.4608750052728			
[mm] SIM translation stage offset	5.86	5.868422002343152			
[s] Observation start time (MET)	143209167.184000	143208041.63893			
Observation start date	2002-07-16T12:18:23	2002-07-16T12:00:41			
[s] Observation end time (MET)	143237425.184000	143237739.47765			
Observation end date	2002-07-16T20:09:21	2002-07-16T20:15:39			
Read mode	TIMED	TIMED			

2.3 Aspect



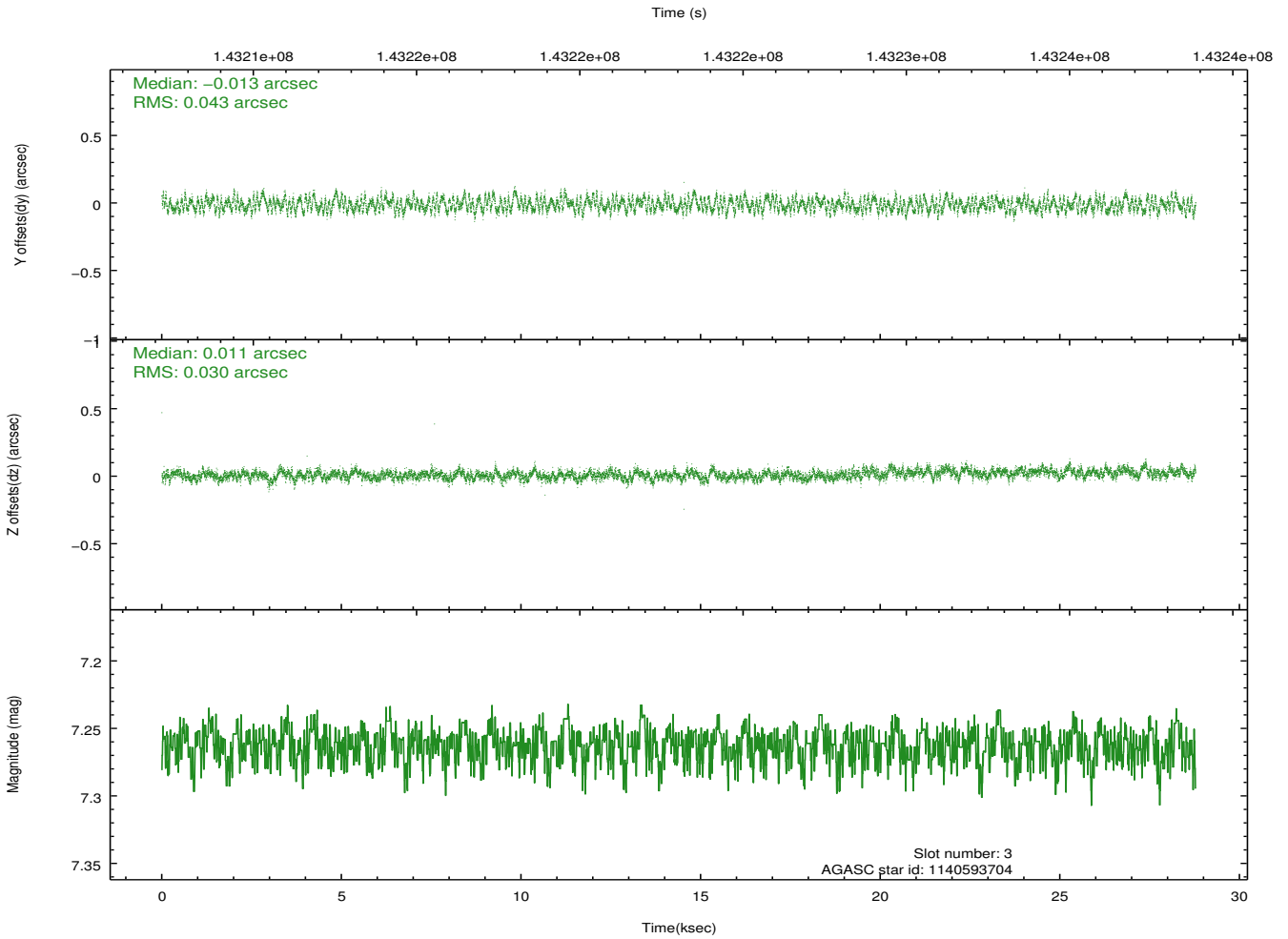
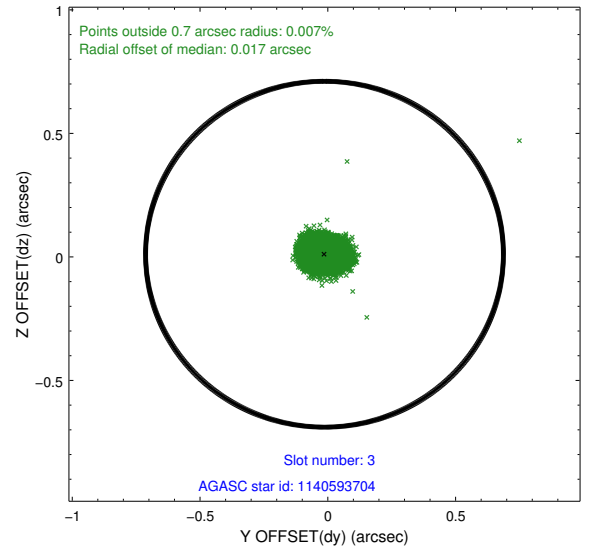
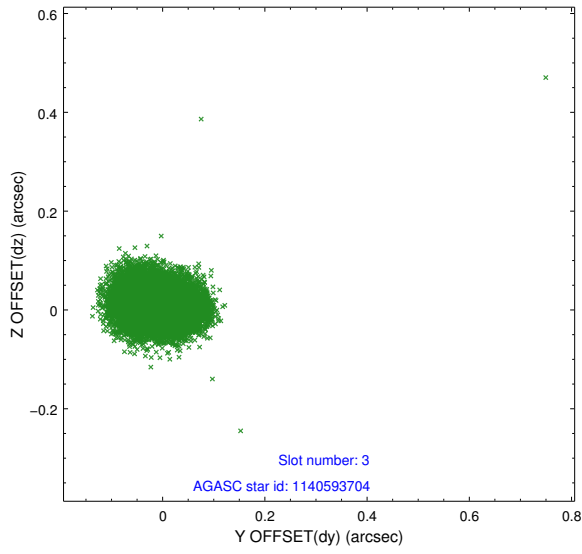


Slot Statistics

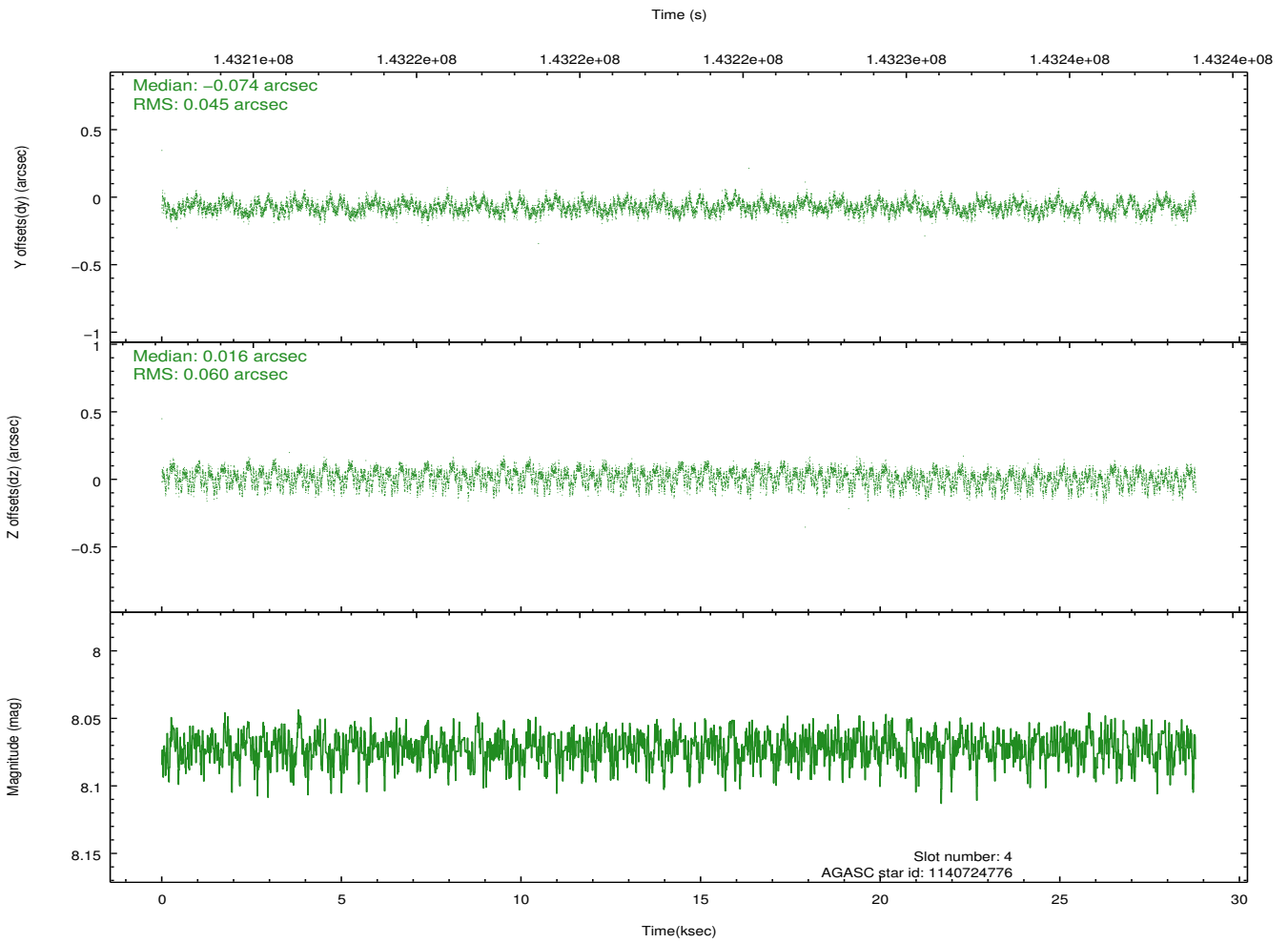
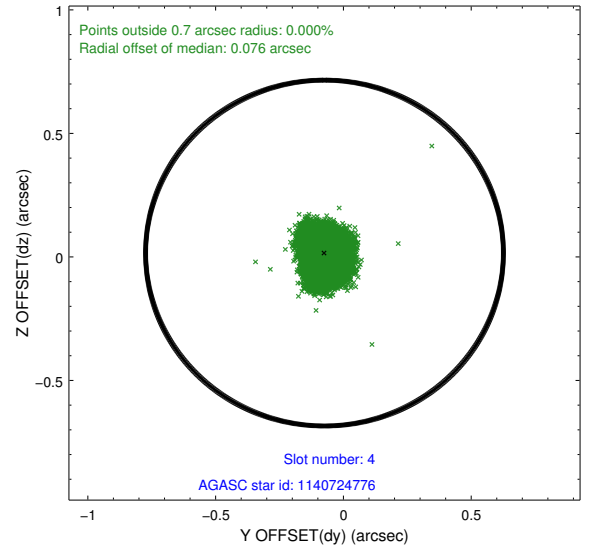
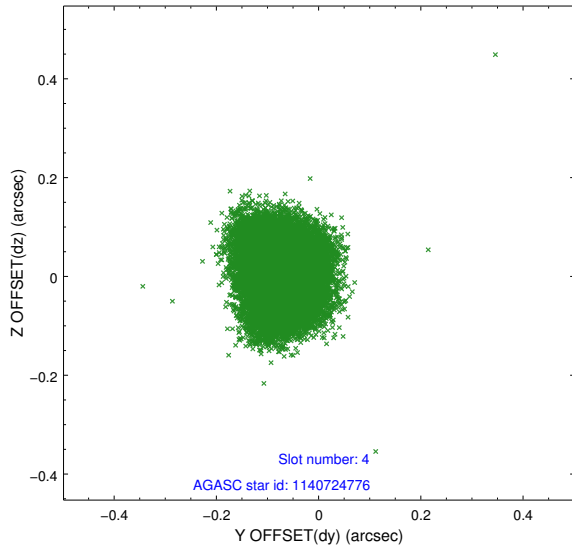
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.26	7018	-0.095	0.115	0.015	0.024	0.000000	0.000000	937.62	-709.11
1	FID	ACIS-I-5	7.25	7014	-0.024	-0.025	0.012	0.023	0.000000	0.000000	-1810.35	1188.23
2	FID	ACIS-I-6	7.25	7015	0.025	-0.020	0.015	0.023	0.000000	0.000000	403.22	1832.81
3	GUIDE	1140593704	7.26	14028	-0.013	0.011	0.056	0.087	229.741417	-57.540991	1290.28	-2250.27
4	GUIDE	1140724776	8.07	14032	-0.074	0.016	0.081	0.124	231.861975	-57.359067	1288.92	1908.72
5	GUIDE	1140720368	8.31	14024	0.093	-0.017	0.067	0.106	231.959366	-57.360921	1328.42	2094.09
6	GUIDE	1140596208	9.01	14028	0.009	0.016	0.086	0.135	229.631111	-57.265435	278.09	-2322.08
7	GUIDE	1140726312	8.89	14031	-0.017	-0.023	0.070	0.116	231.010622	-56.676215	-1412.52	672.15

2.4 Star Slots

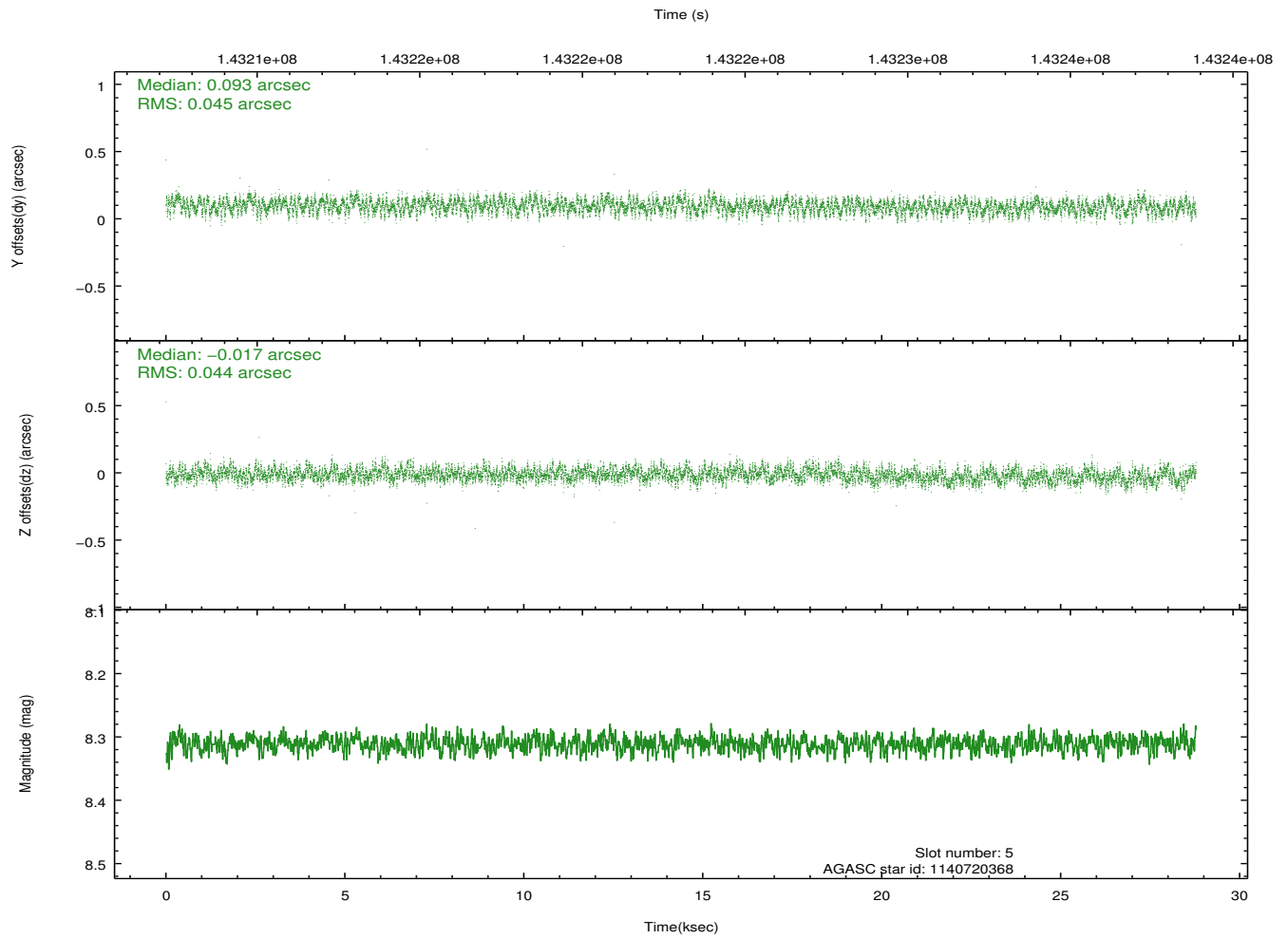
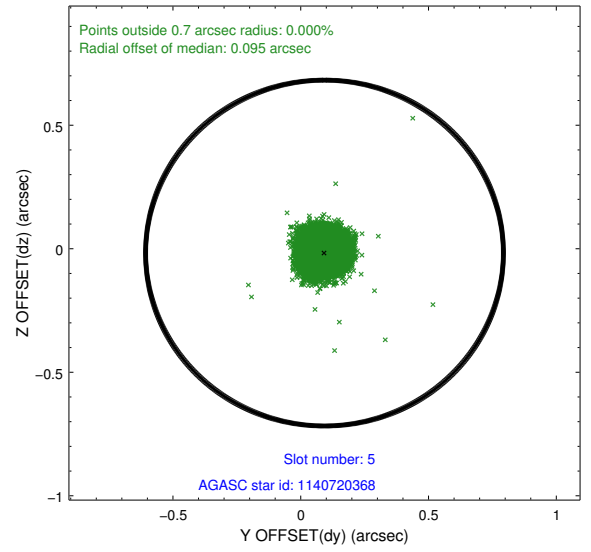
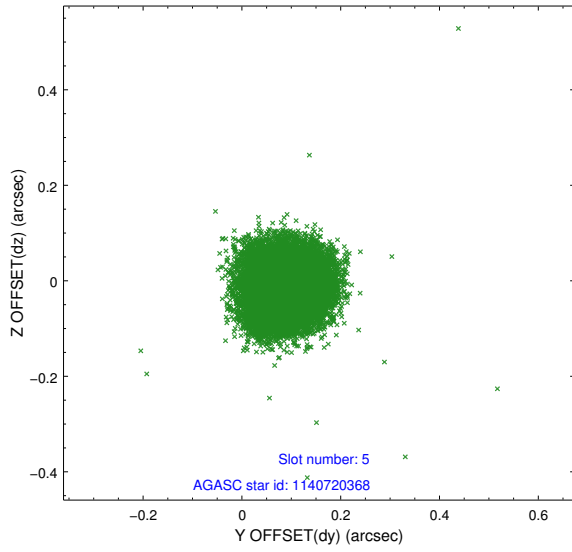
2.4.1 Slot 3



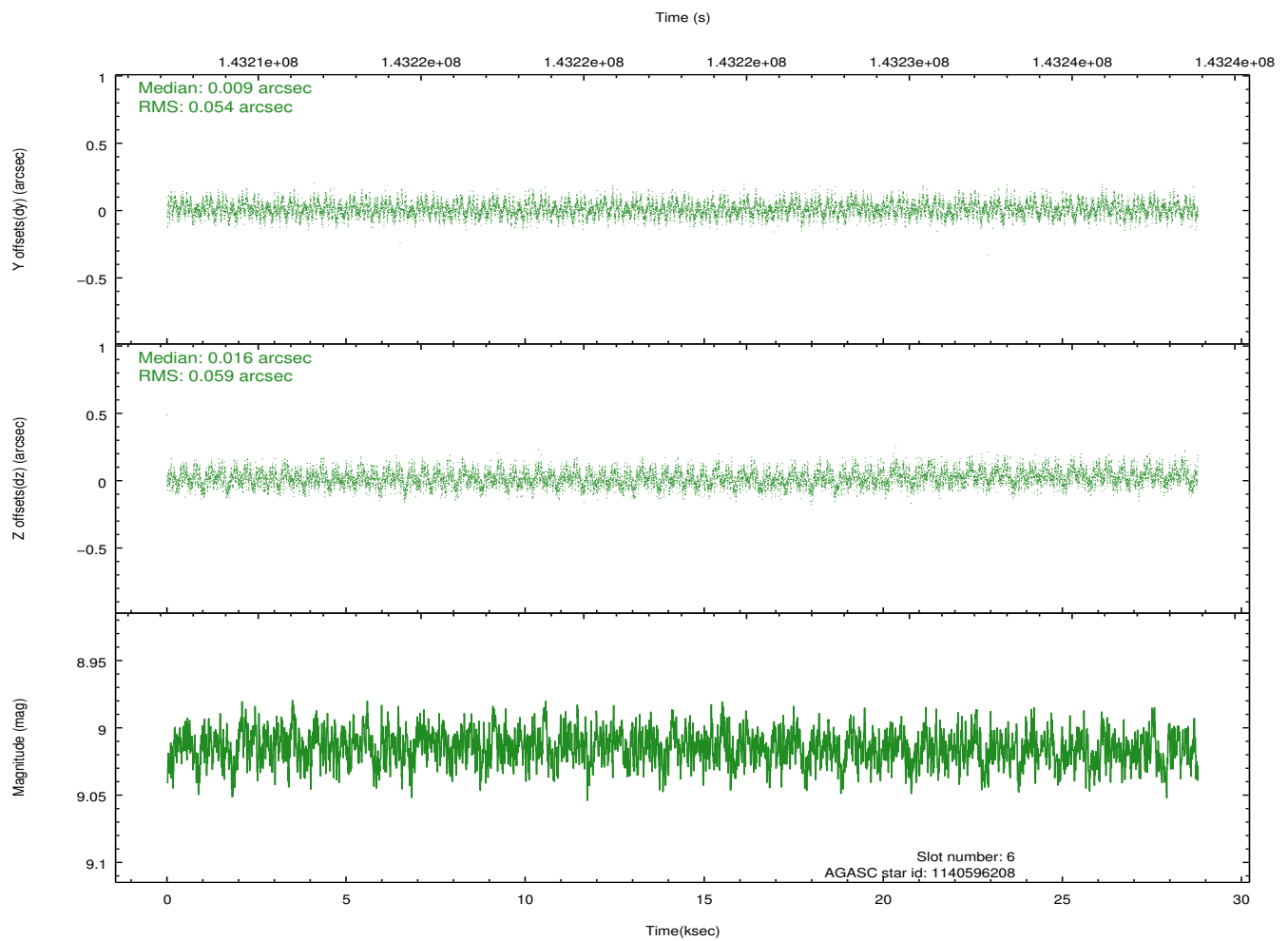
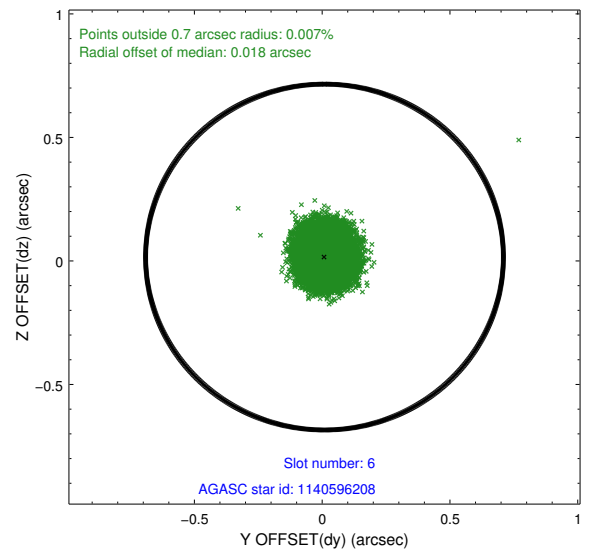
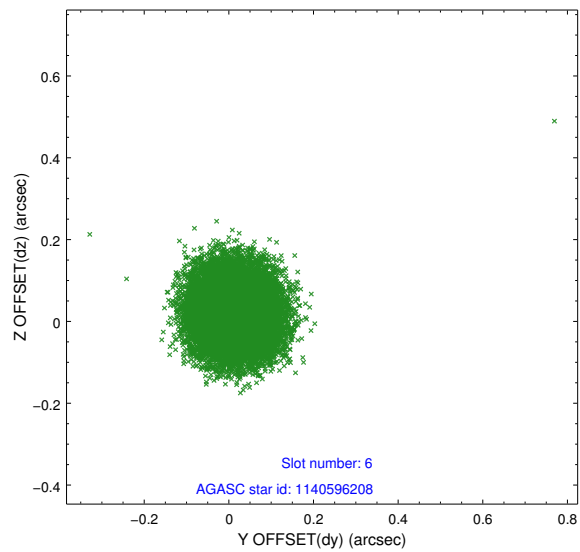
2.4.2 Slot 4



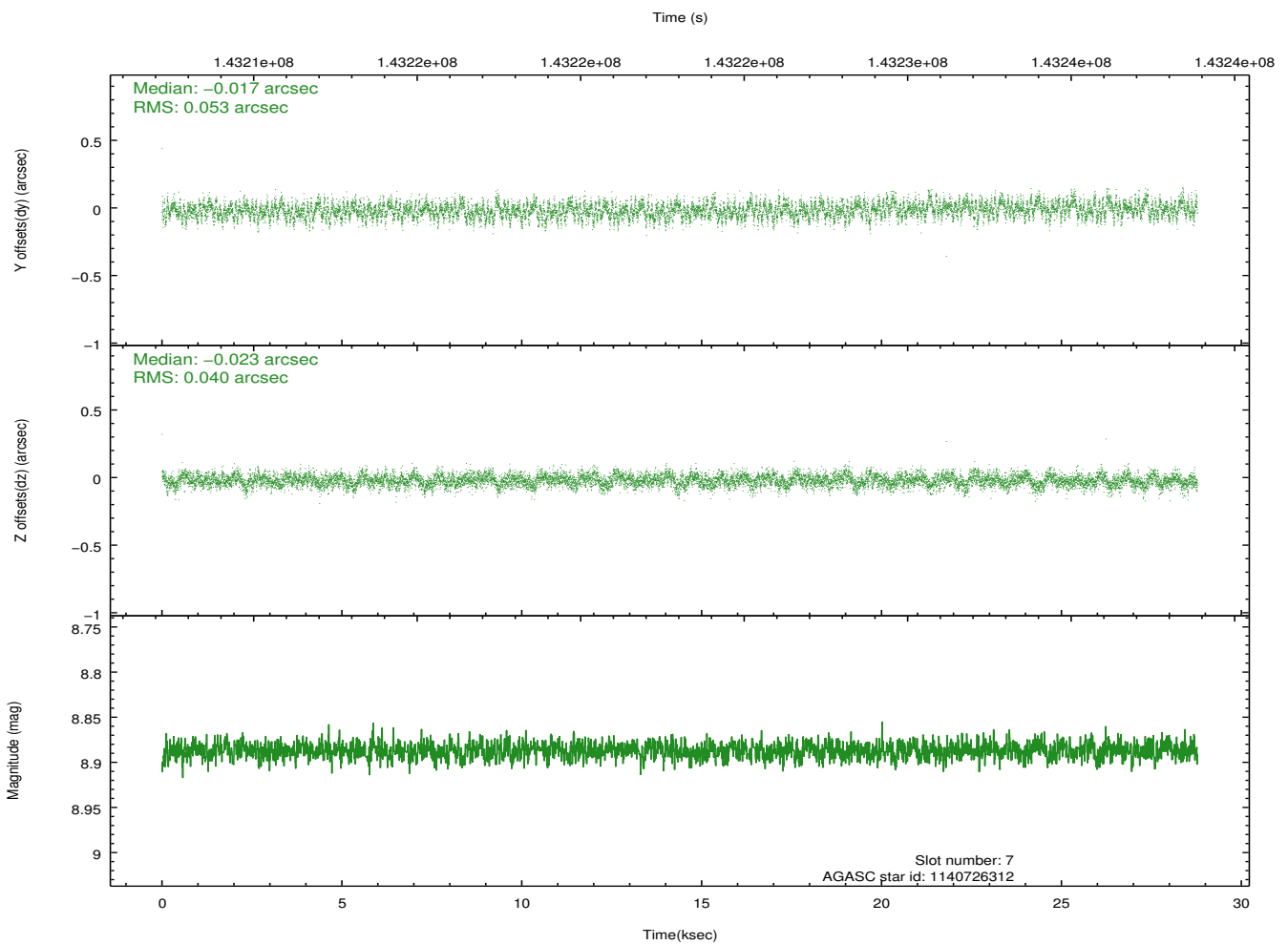
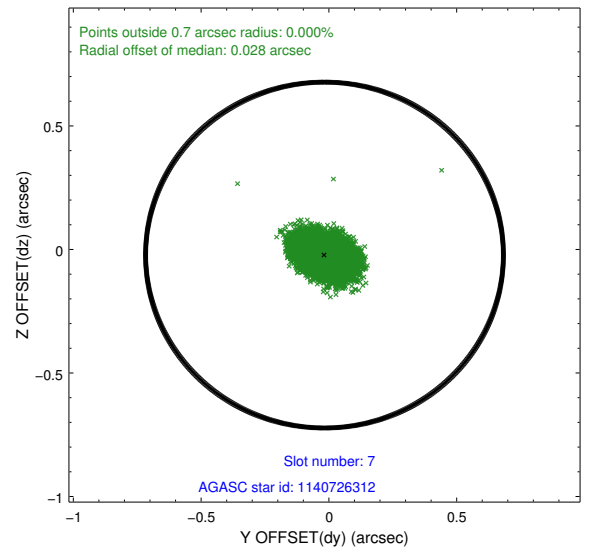
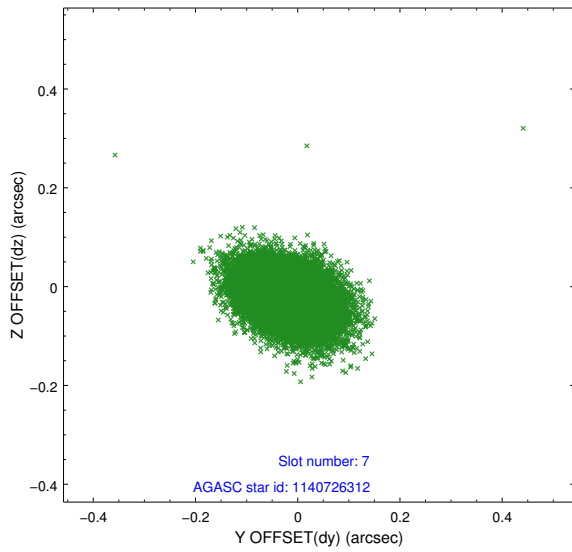
2.4.3 Slot 5



2.4.4 Slot 6

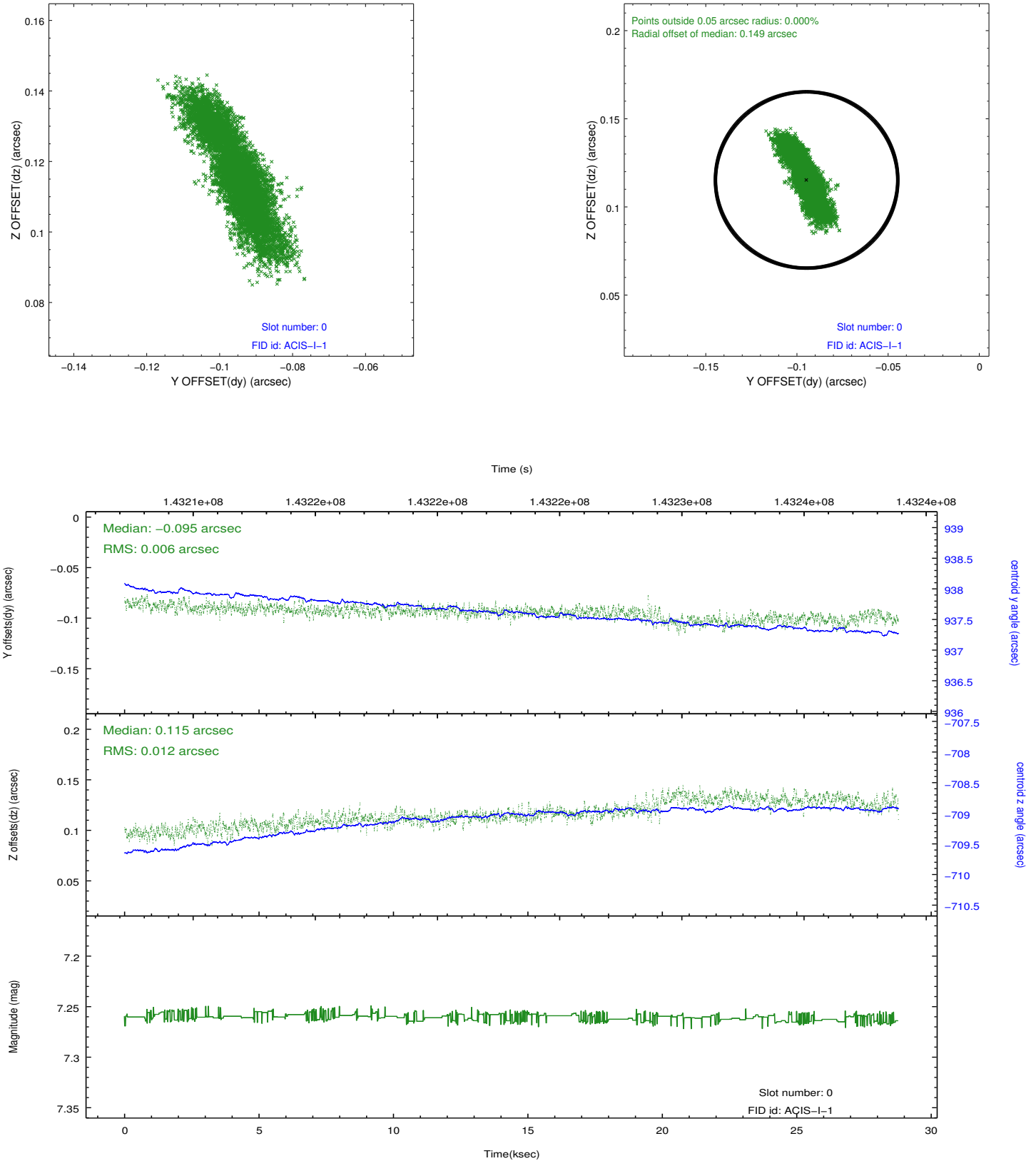


2.4.5 Slot 7

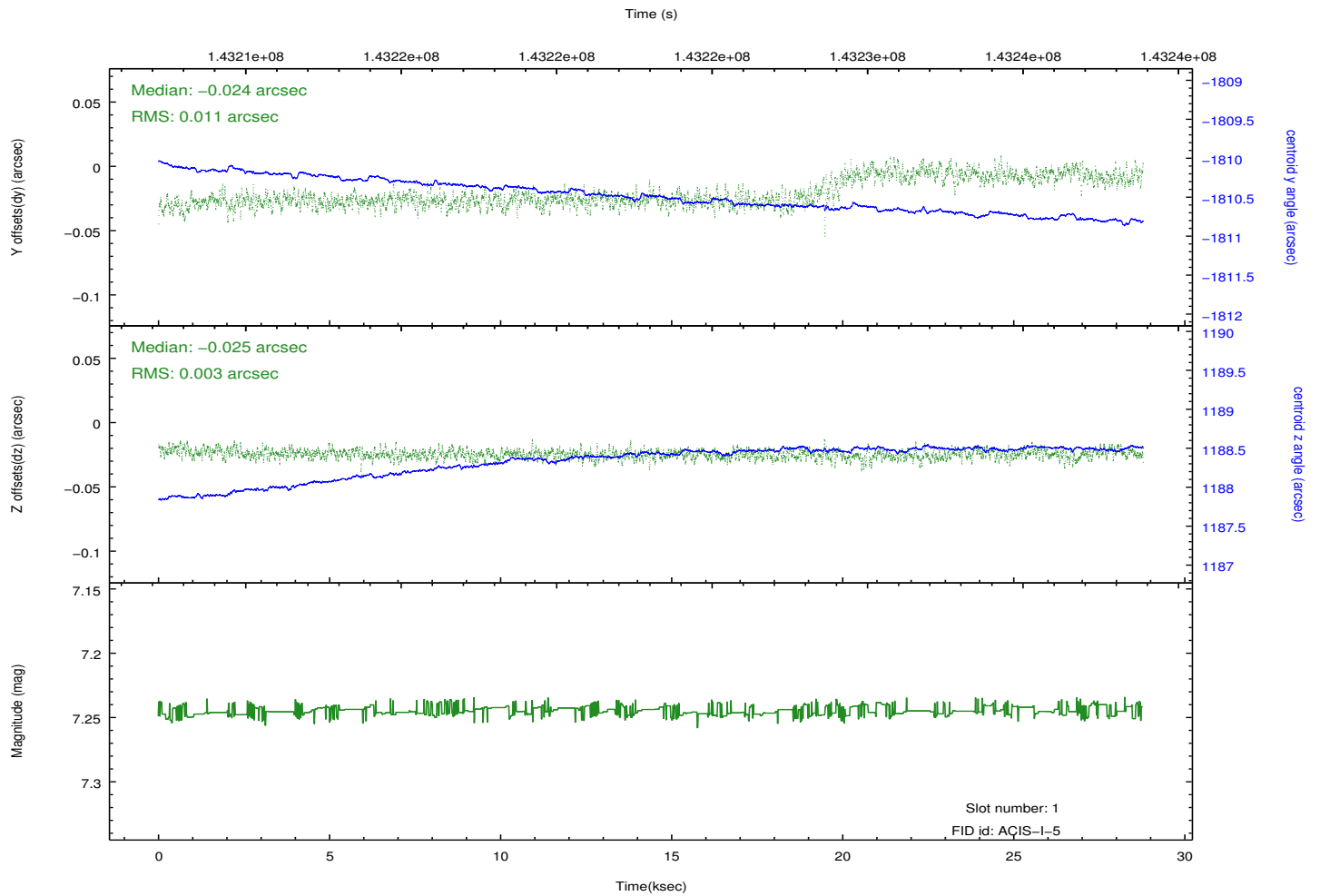
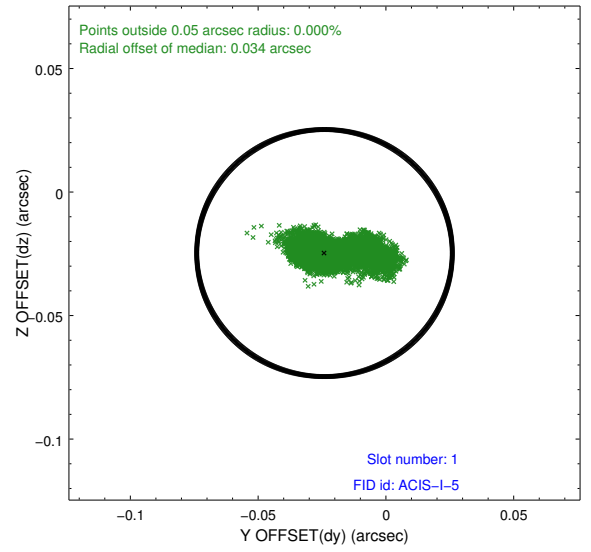
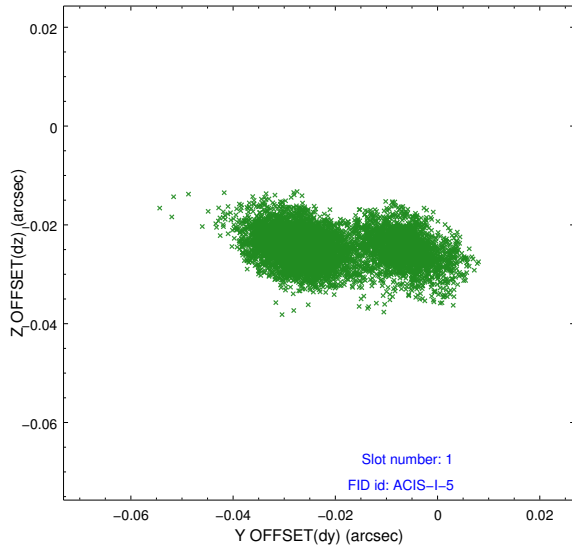


2.5 FID Slots

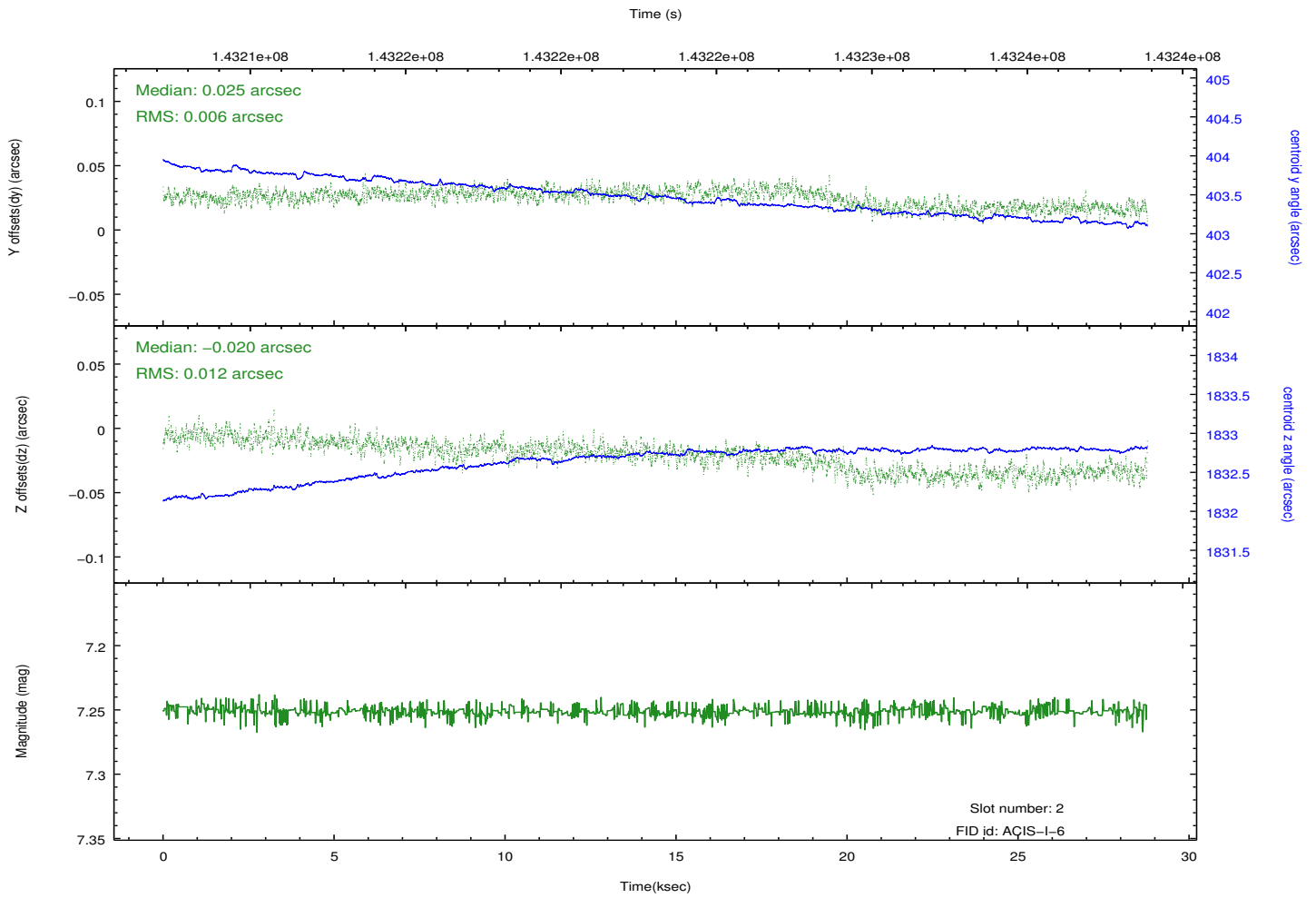
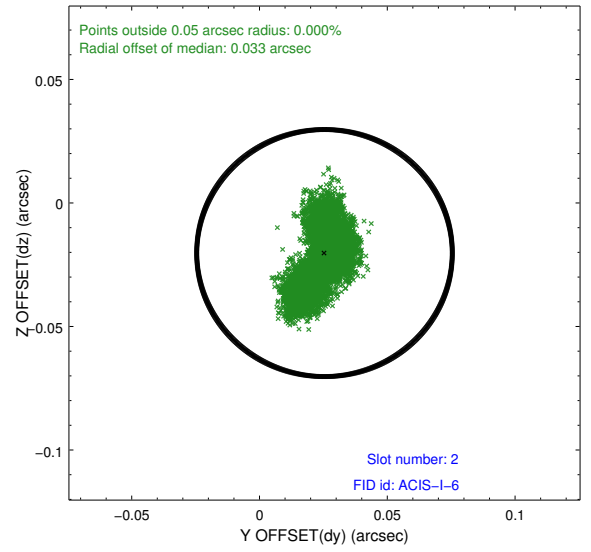
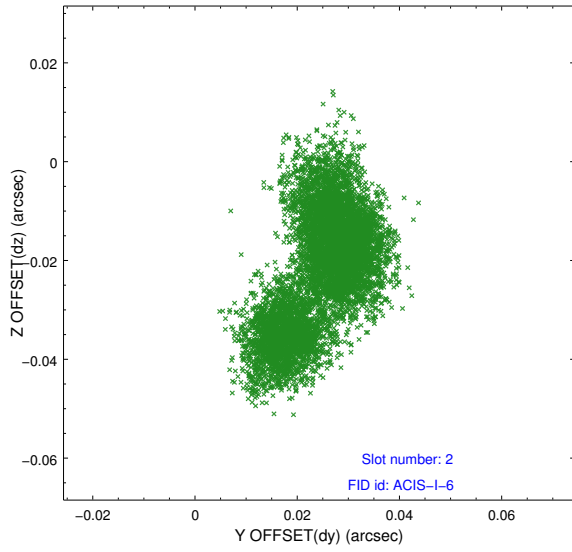
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.211

A.2 Comments