

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7321 - L2 Version 2
Chandra X-Ray Center

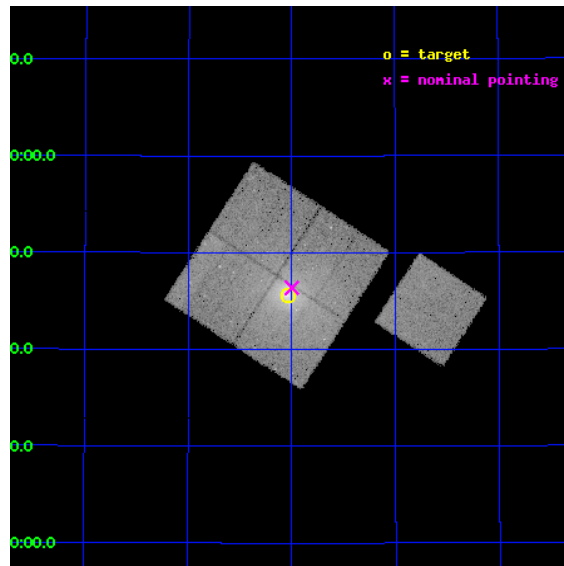
L2 Processing Date : Mar 30 2012

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1 Front

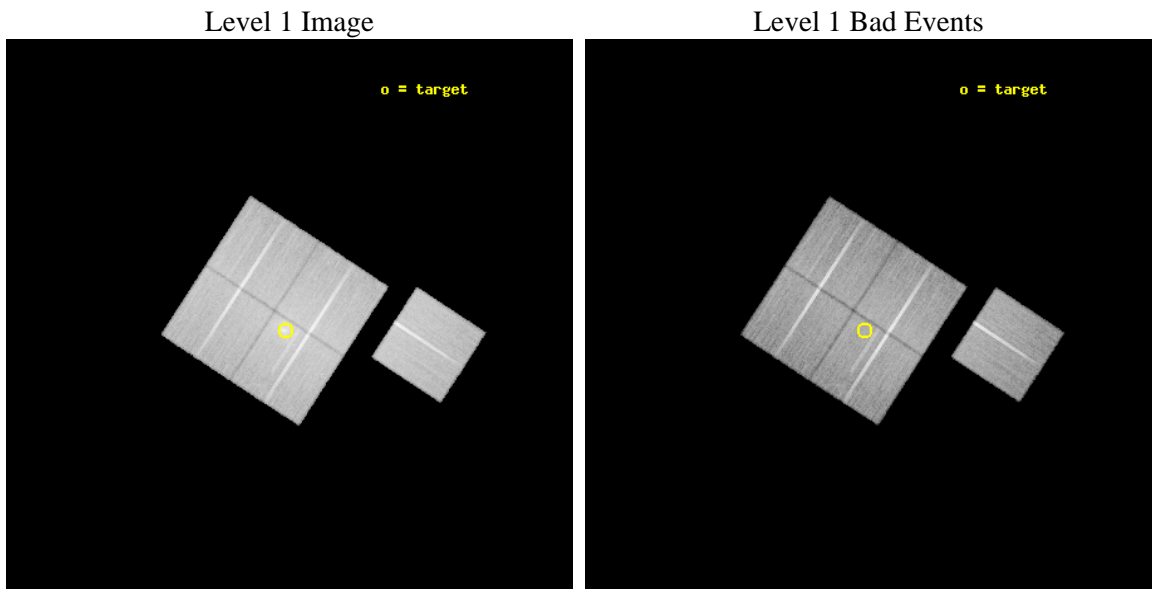
seq_num	800582	Sequence number
obs_id	7321	Observation id
title	Chronicling the Activity of a Supermassive Black Hole	Proposal tit
observer	Dr. william forman	Principal investigator
object	IC1262	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.259167	Observer's specified target RA [deg]
dec_targ	43.75925	Observer's specified target Dec [deg]
ra_nom	263.24988460439	Nominal RA [deg]
dec_nom	43.772931373832	Nominal Dec [deg]
roll_nom	123.08265705814	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38045.044992477	Sum of GTIs [s]
livetime	37547.958471295	Livetime [s]
ontime0	38032.357911527	Sum of GTIs [s]
ontime1	38038.680961907	Sum of GTIs [s]
ontime2	38032.440011561	Sum of GTIs [s]
ontime3	38045.044992477	Sum of GTIs [s]
ontime6	38038.598842114	Sum of GTIs [s]
l2events	164829	Number of level 2 events



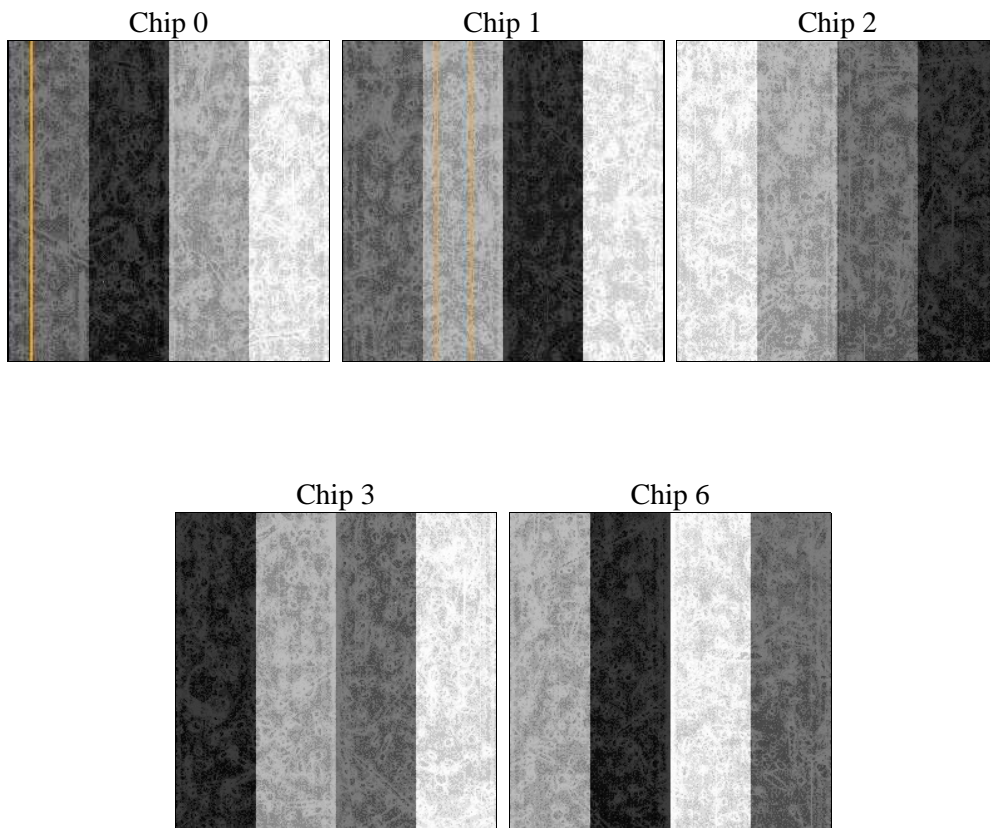
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	38000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	38045.044992477	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	38032.357911527	Sum of GTIs [s]
date	2012-03-30T07:32:11	Date and time of file creation	ontime1	38038.680961907	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	38032.440011561	Sum of GTIs [s]
			ontime3	38045.044992477	Sum of GTIs [s]
			ontime6	38038.598842114	Sum of GTIs [s]
			l1events	1453622	Number of level 1 events

2.1.4 Events

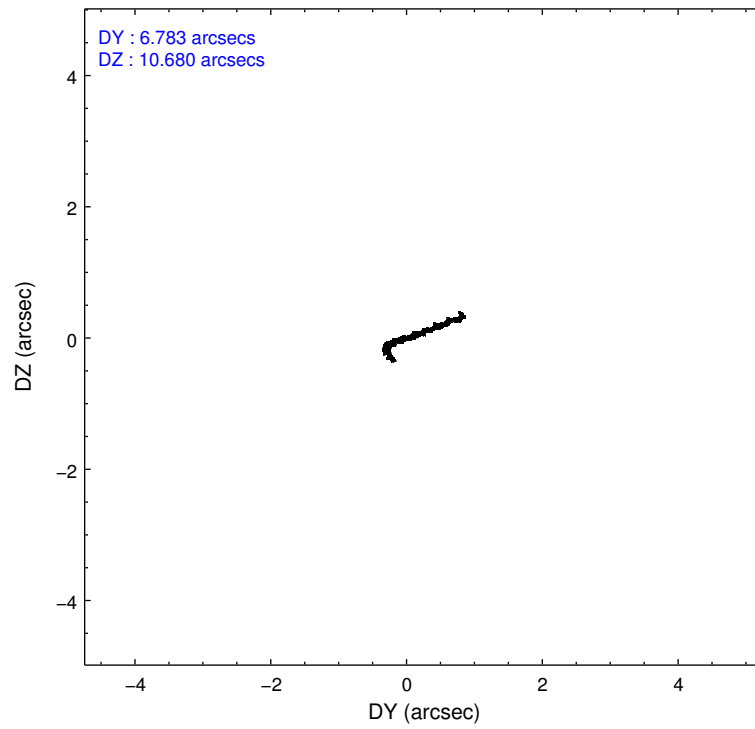
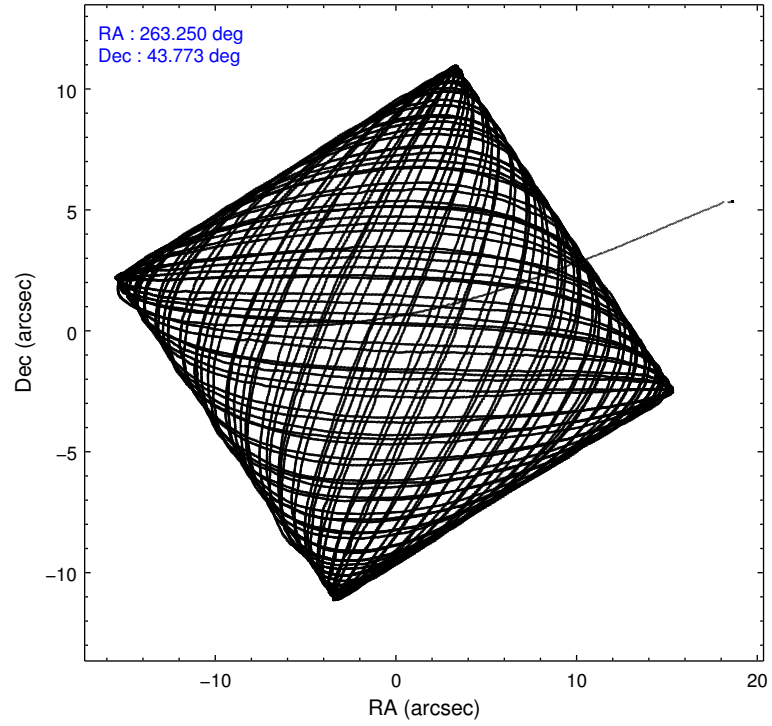
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	271137	269559	310243	315810	286873
rejected events	240585	233182	272789	257456	258208
rejected %	88%	86%	87%	81%	90%

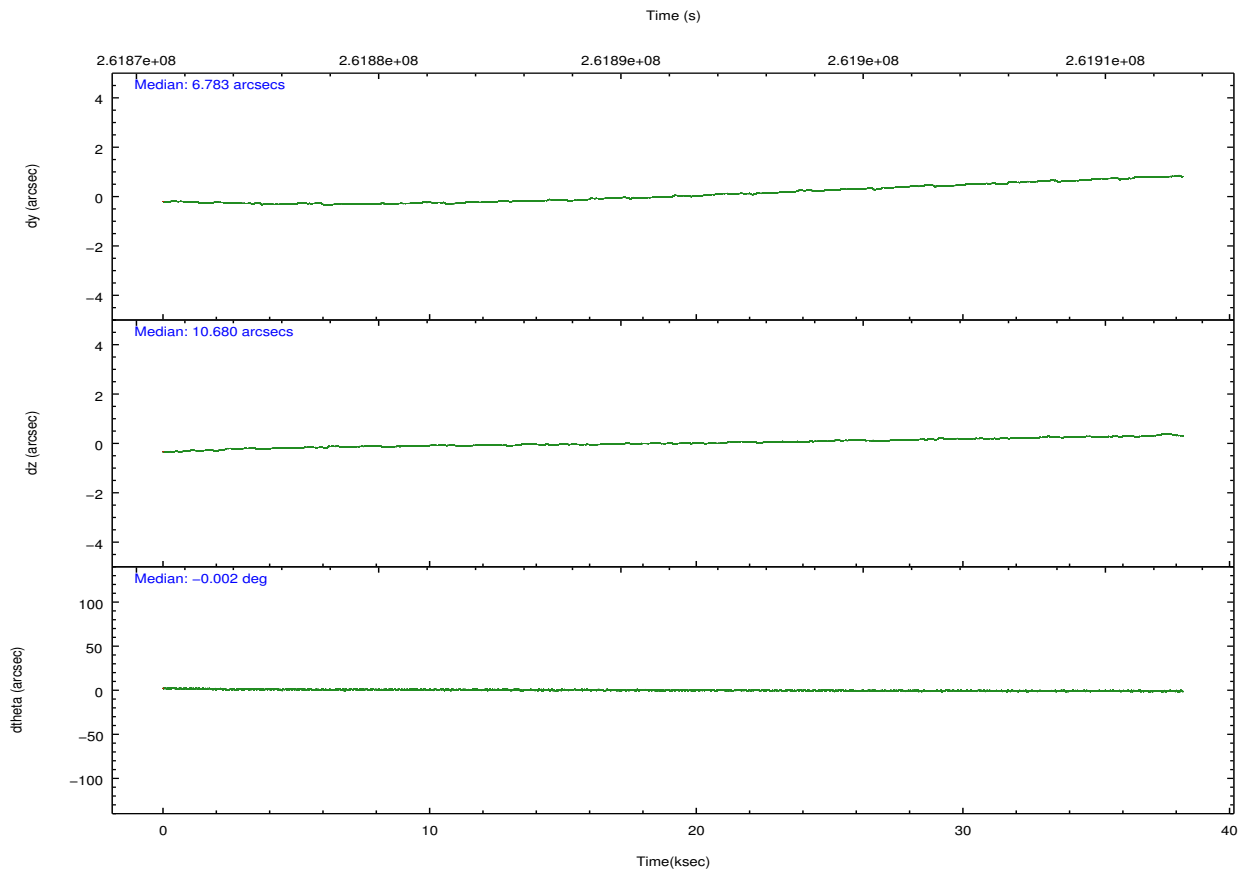
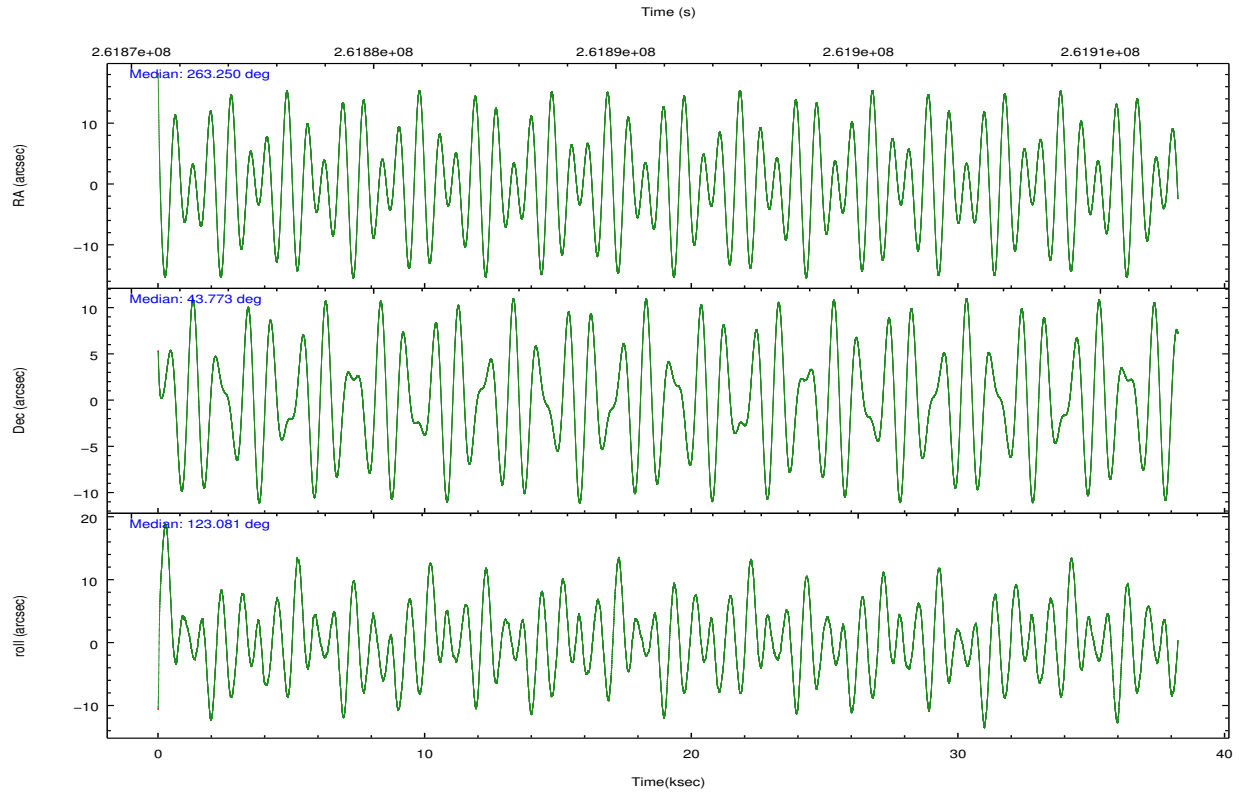
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	11917	15452	18543	36555	9913
	4%	5%	5%	11%	3%
grade 1 events	140	147	239	316	127
	0%	0%	0%	0%	0%
grade 2 events	6979	7313	7283	8315	6211
	2%	2%	2%	2%	2%
grade 3 events	3277	3660	3193	3905	3283
	1%	1%	1%	1%	1%
grade 4 events	3068	3586	3172	3785	3126
	1%	1%	1%	1%	1%
grade 5 events	9575	10634	9220	11461	11195
	3%	3%	2%	3%	3%
grade 6 events	5315	6375	5266	5807	6135
	1%	2%	1%	1%	2%
grade 7 events	230866	222392	263327	245666	246883
	85%	82%	84%	77%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	263.283773	263.2498846043867	Subarray requested	NONE	NONE
[deg] Pointing Dec	43.760608	43.77293137383219	Alternating exposures requested	N	N
[deg] Pointing Roll	122.850530	123.0826570581405	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-229.592463	-229.5846445007452			
[mm] SIM translation stage offset	-4	-4.007808502184531			
[s] Observation start time (MET)	261873276.184000	261872315.82825			
Observation start date	2006-04-19T22:33:31	2006-04-19T22:18:35			
[s] Observation end time (MET)	261911276.184000	261911982.8176			
Observation end date	2006-04-20T09:06:51	2006-04-20T09:19:42			
Read mode	TIMED	TIMED			

2.3 Aspect



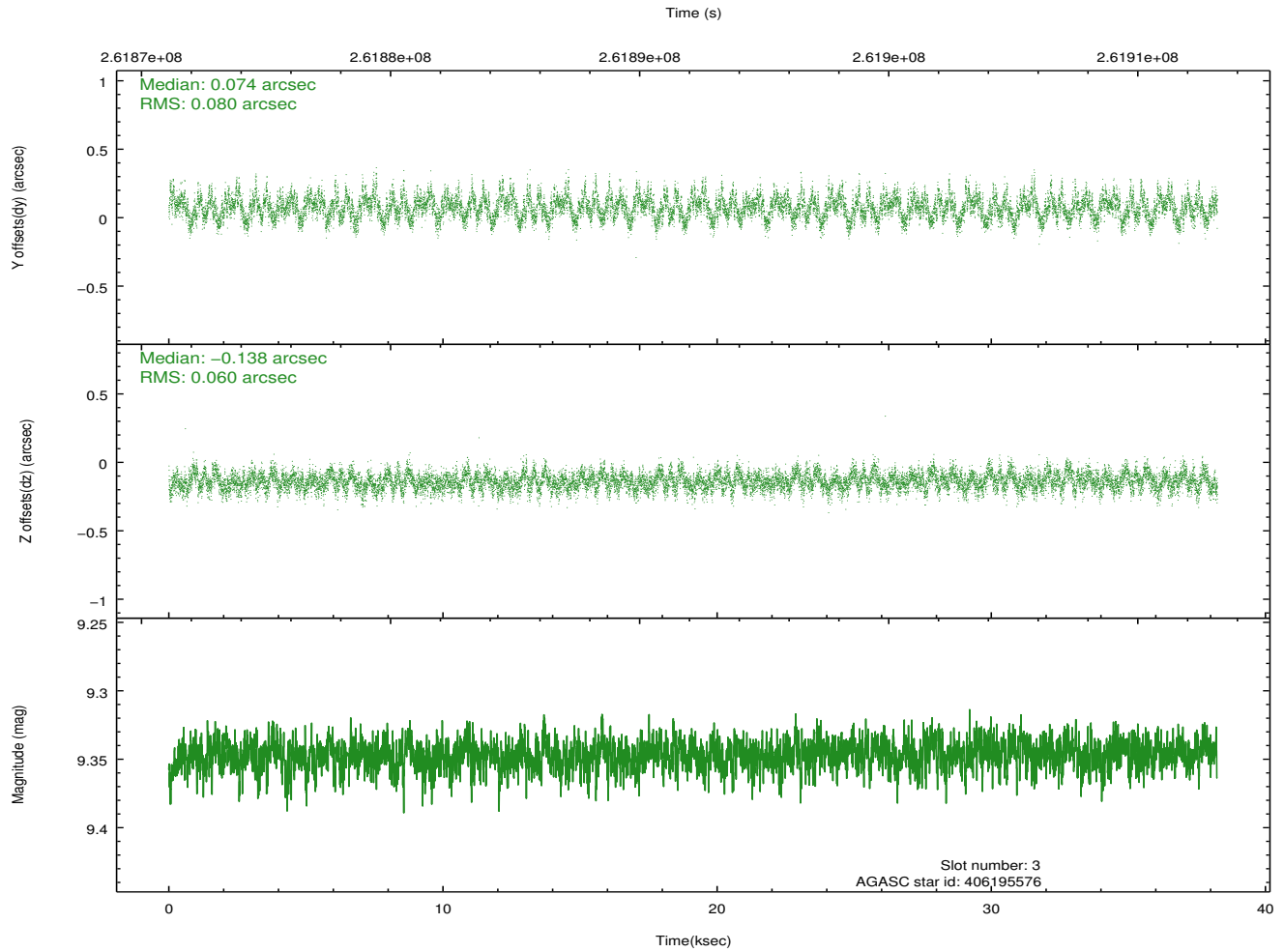
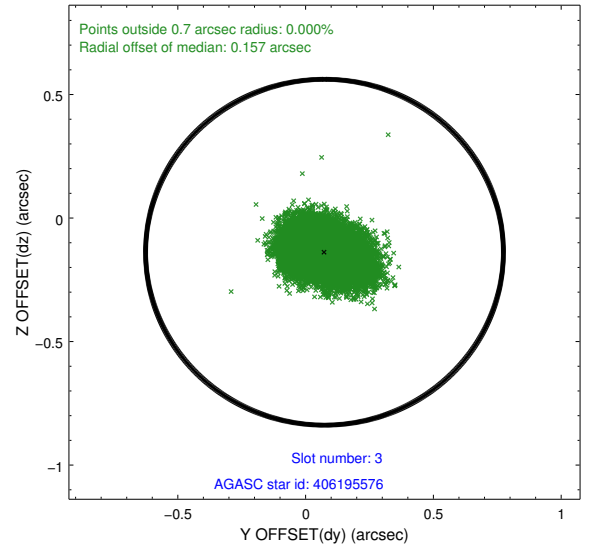
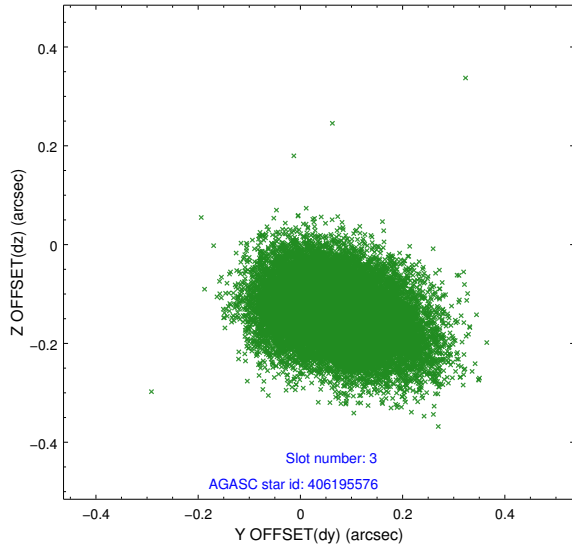


Slot Statistics

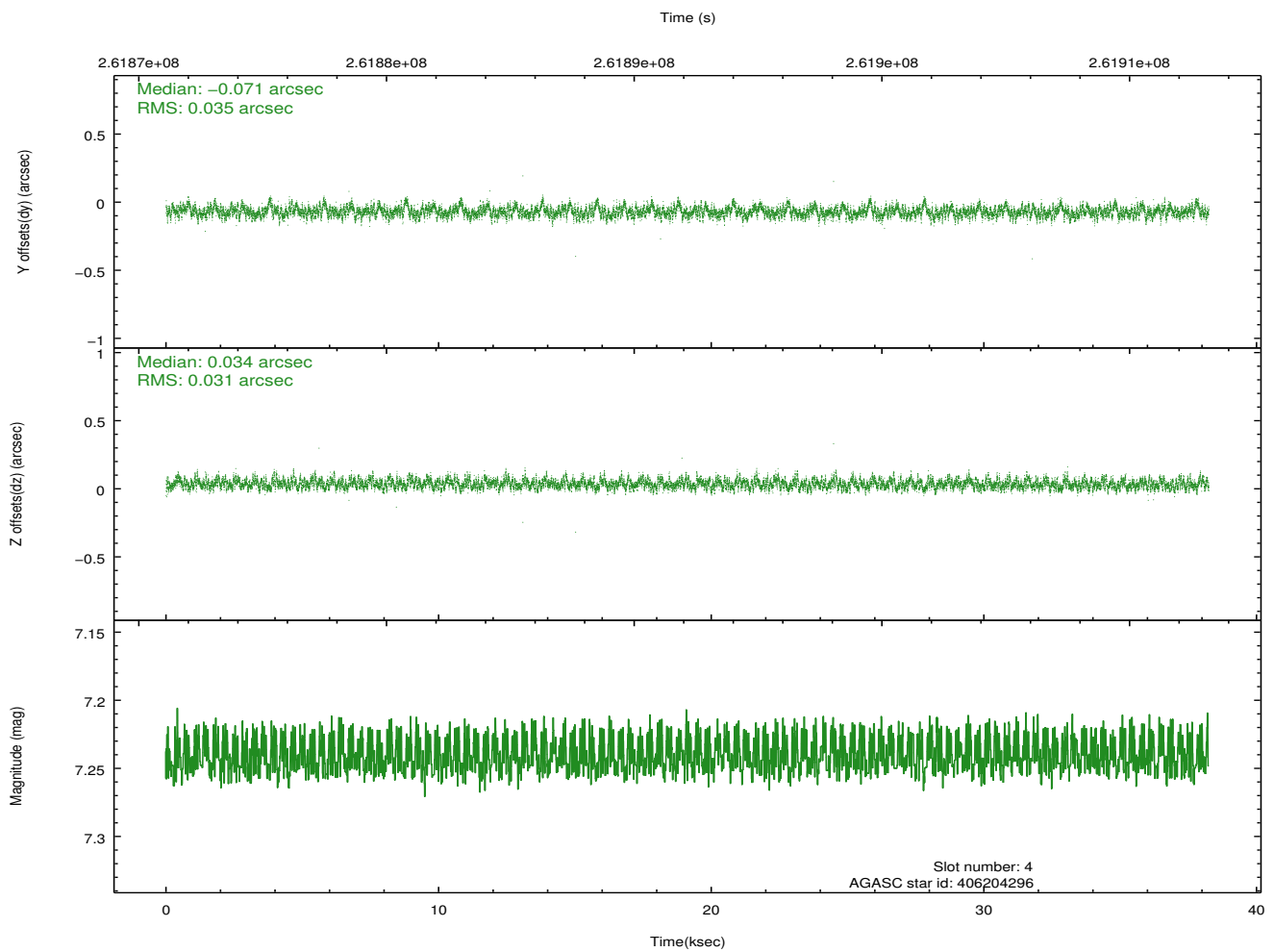
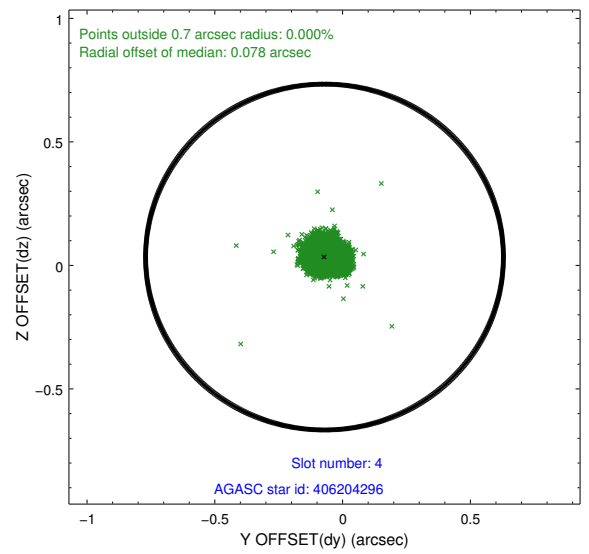
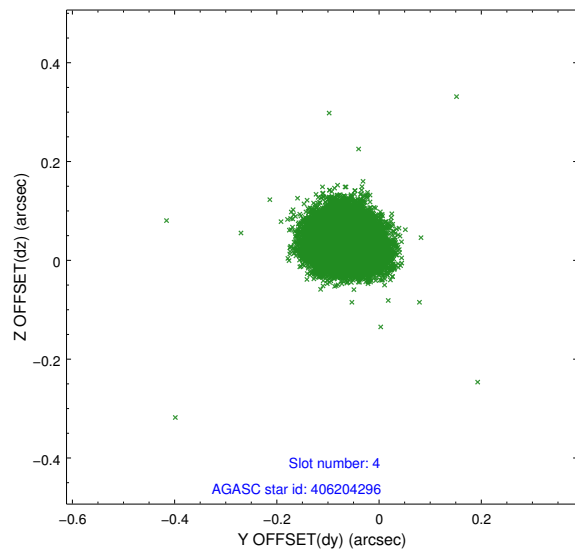
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	9329	0.054	0.002	0.008	0.013	0.000000	0.000000	932.77	-916.41
1	FID	ACIS-I-5	7.23	9327	-0.197	0.068	0.007	0.013	0.000000	0.000000	-1815.57	981.12
2	FID	ACIS-I-6	7.26	9328	0.051	0.000	0.009	0.015	0.000000	0.000000	398.29	1625.59
3	GUIDE	406195576	9.35	18640	0.074	-0.138	0.107	0.174	263.106818	43.225469	-1366.17	1434.83
4	GUIDE	406204296	7.24	18656	-0.071	0.034	0.050	0.079	263.626842	43.500898	-1269.83	-246.17
5	GUIDE	406205248	7.02	18657	-0.045	0.073	0.056	0.090	263.672548	43.397249	-1649.00	-145.94
6	GUIDE	406206640	7.48	18655	-0.056	-0.088	0.109	0.156	264.514318	43.598903	-2209.44	-2392.25
7	GUIDE	406073856	9.81	18622	0.098	0.114	0.145	0.233	262.091685	43.940537	2239.16	2232.69

2.4 Star Slots

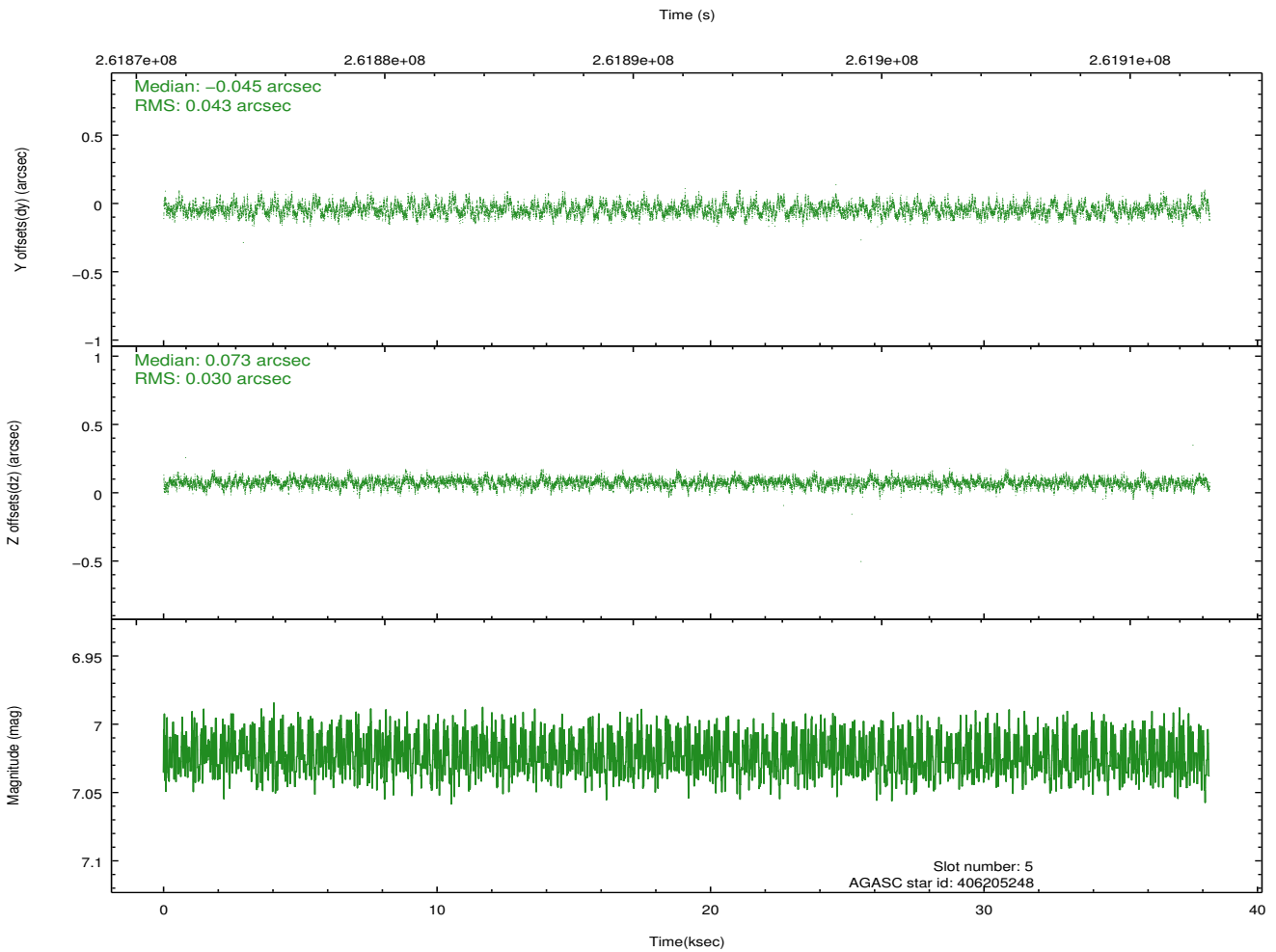
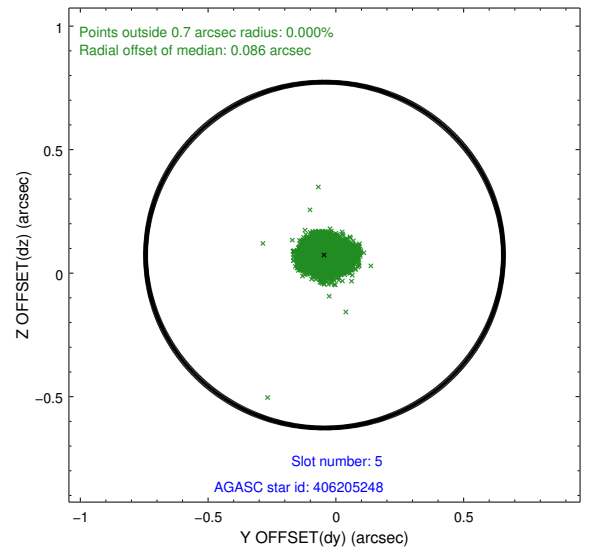
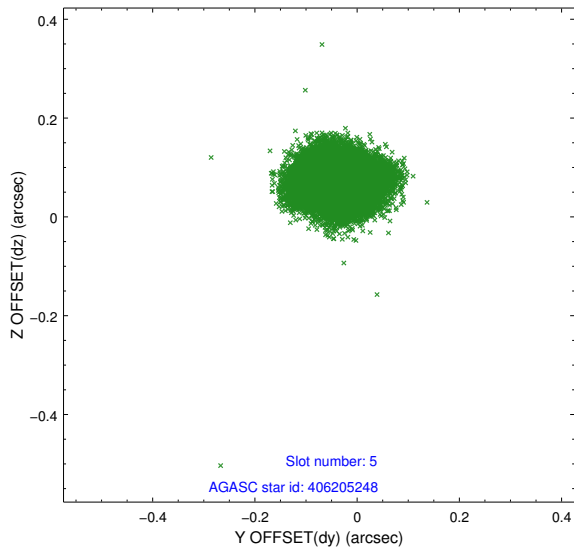
2.4.1 Slot 3



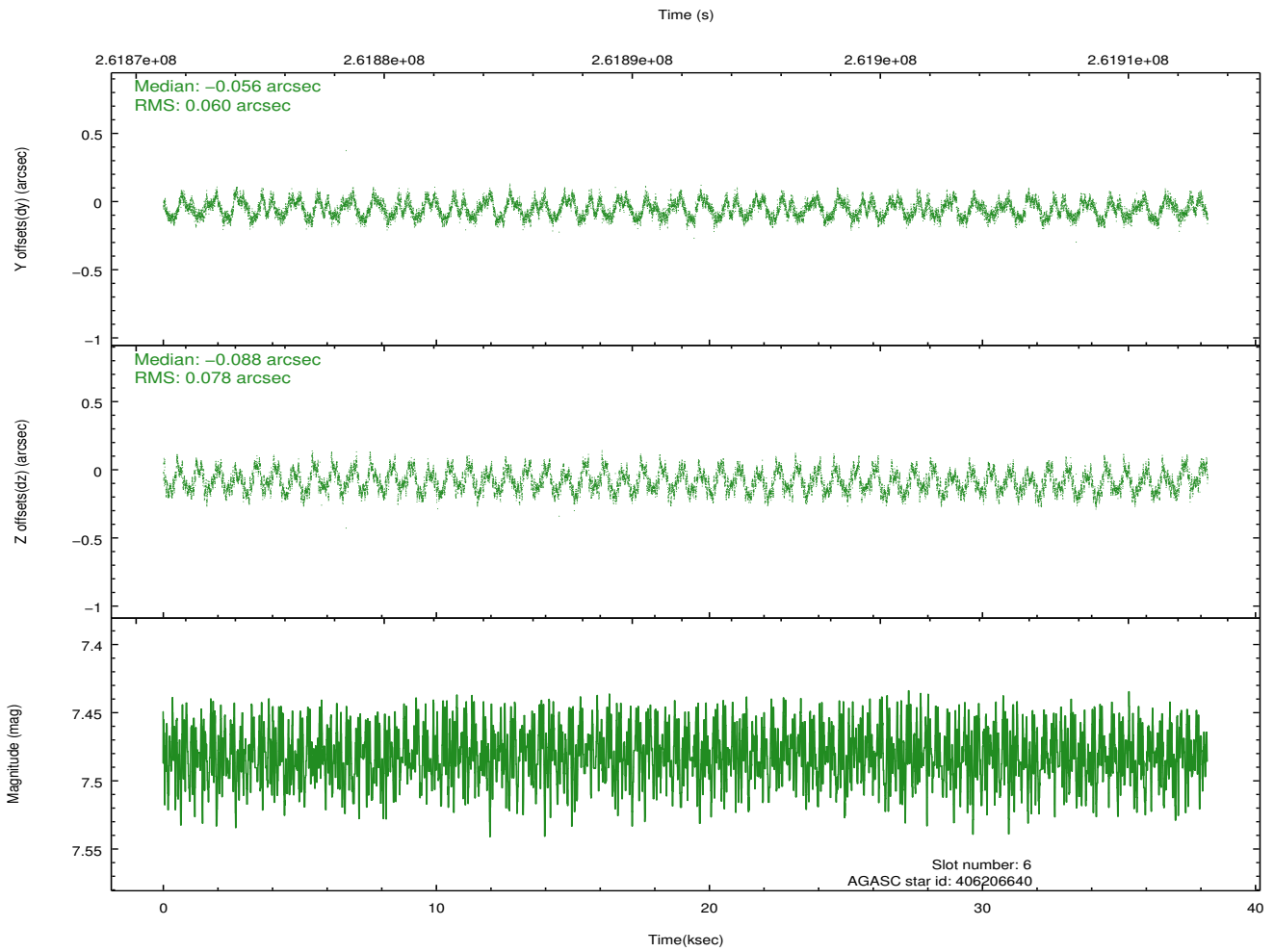
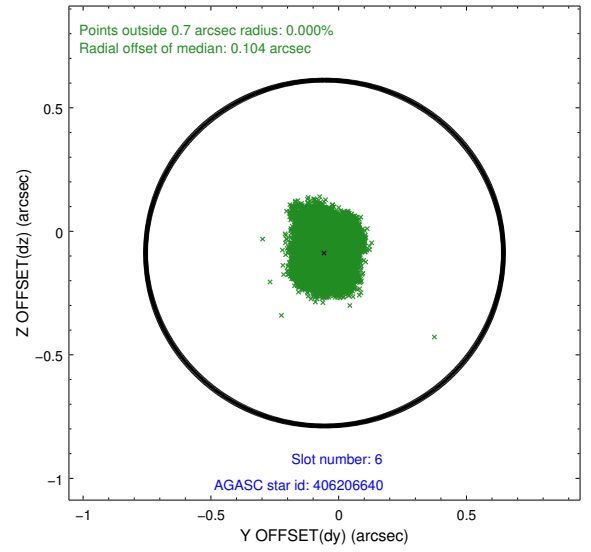
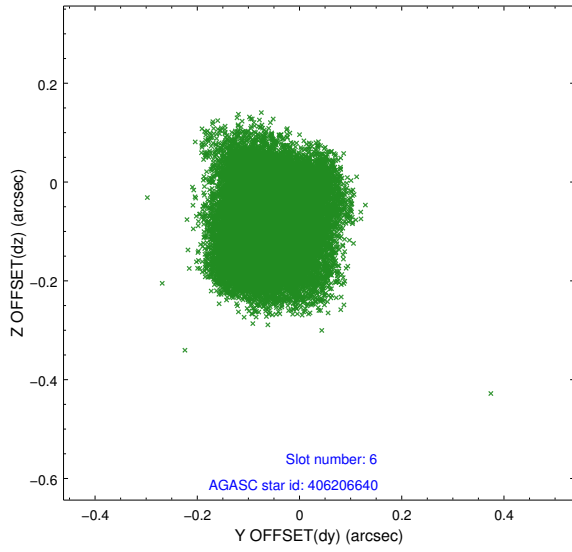
2.4.2 Slot 4



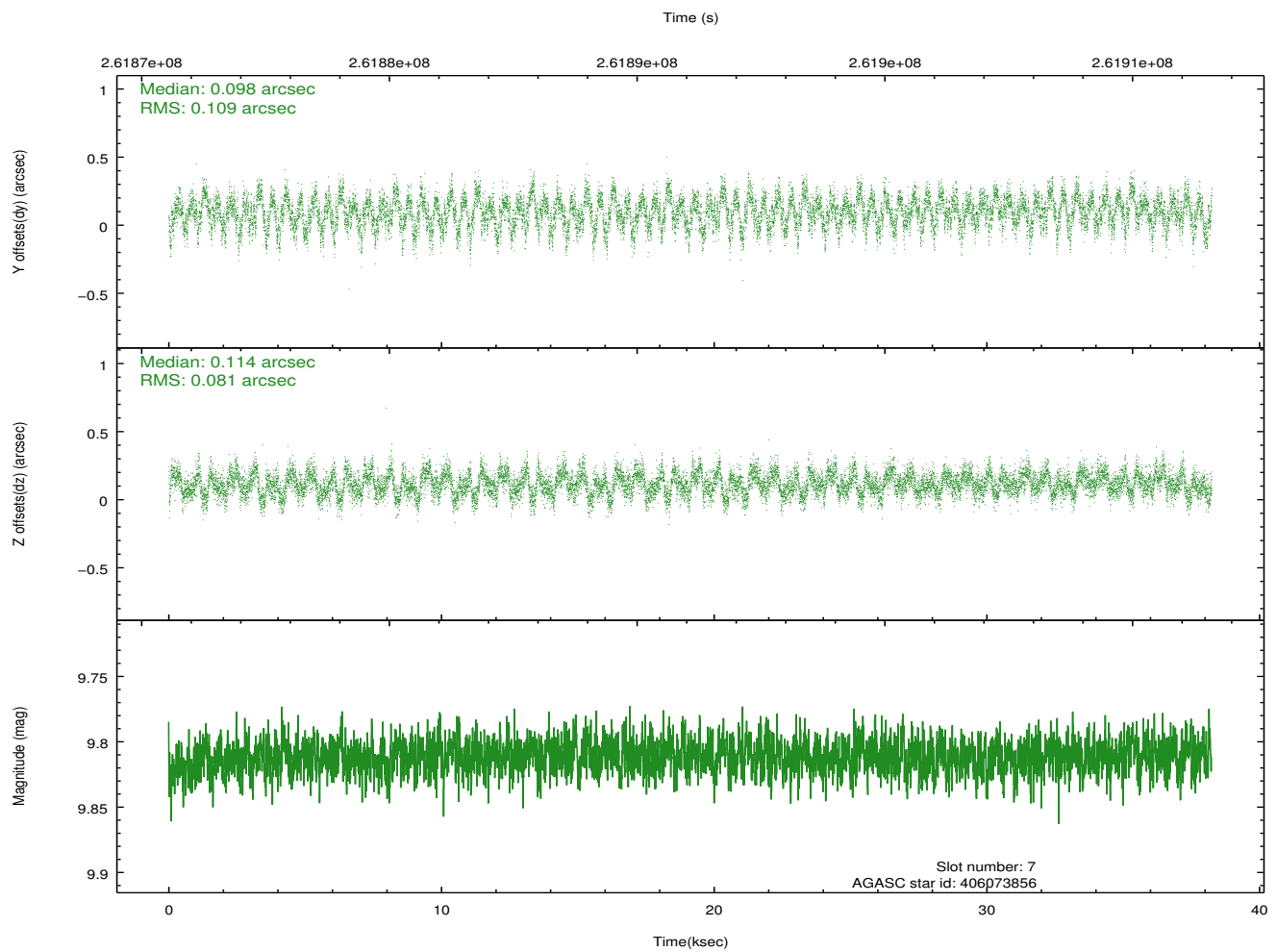
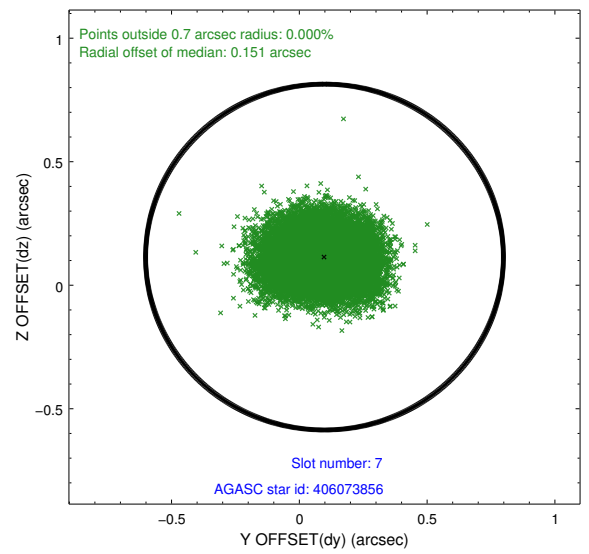
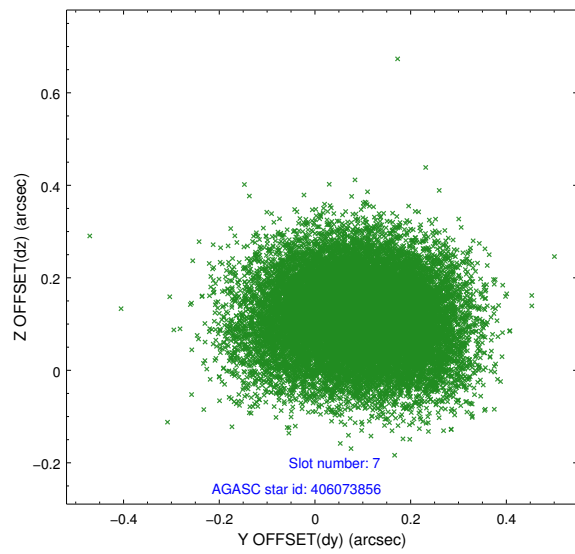
2.4.3 Slot 5



2.4.4 Slot 6

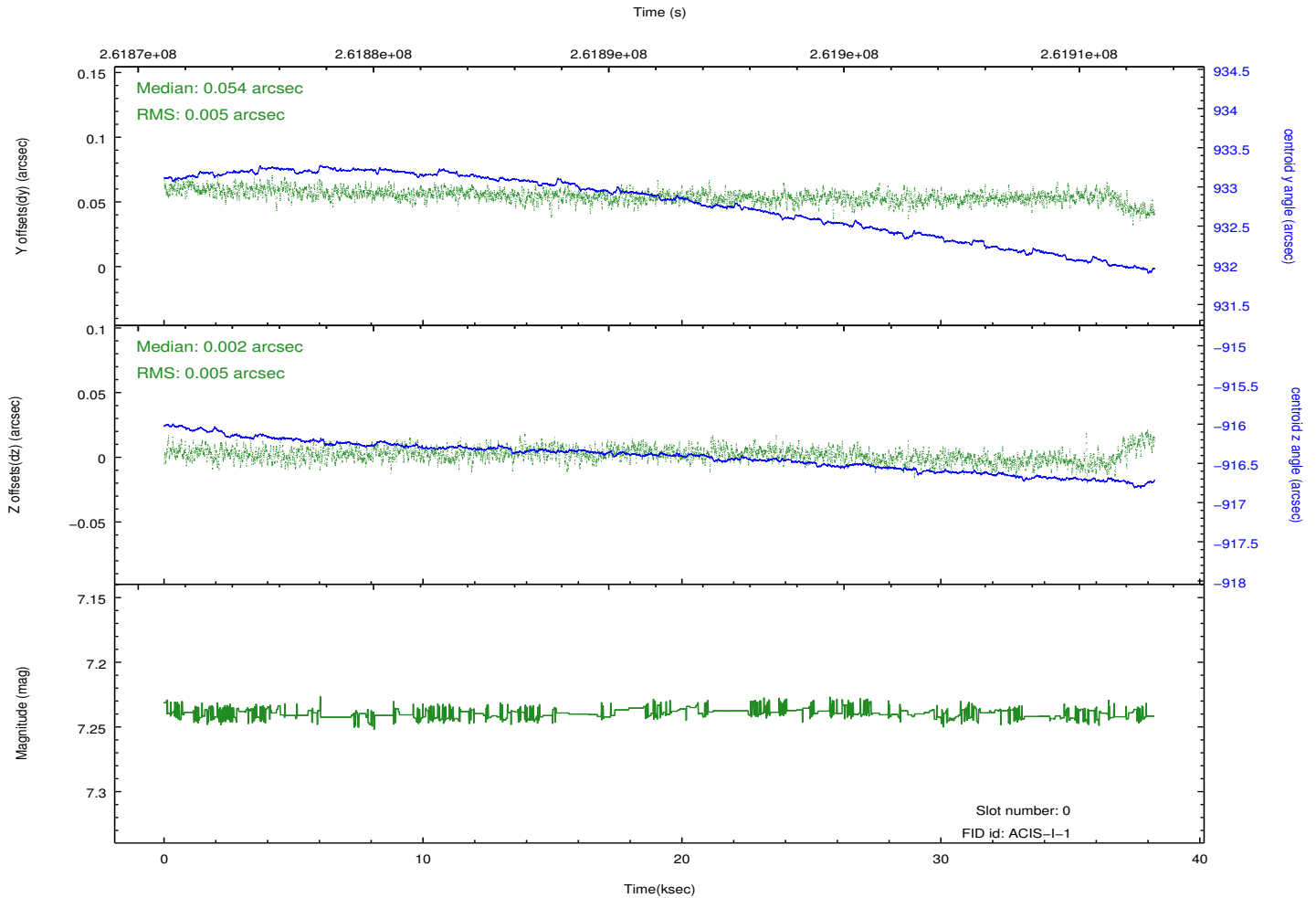
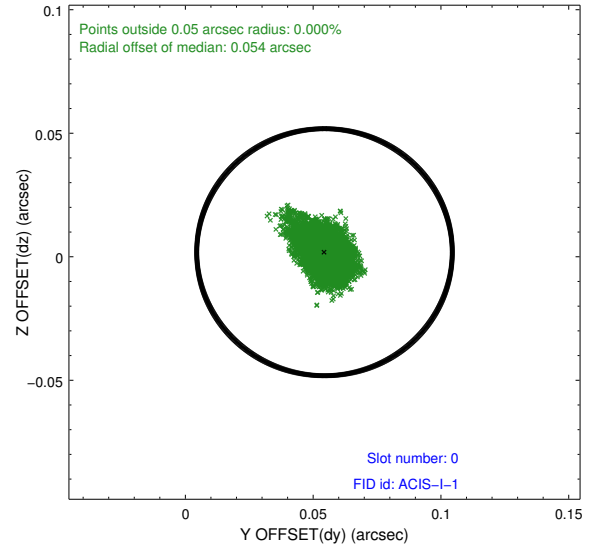
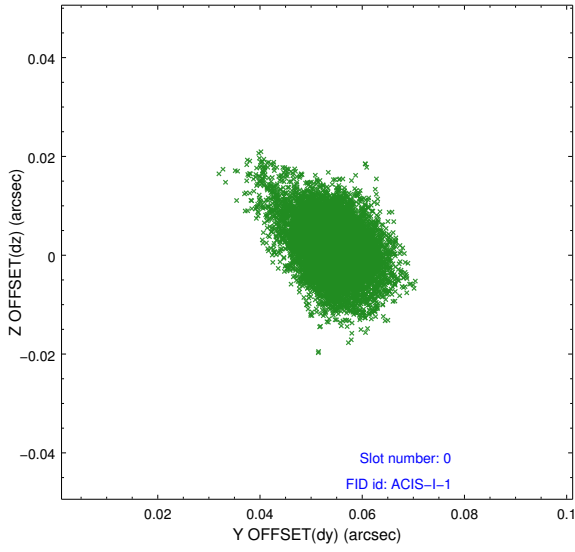


2.4.5 Slot 7

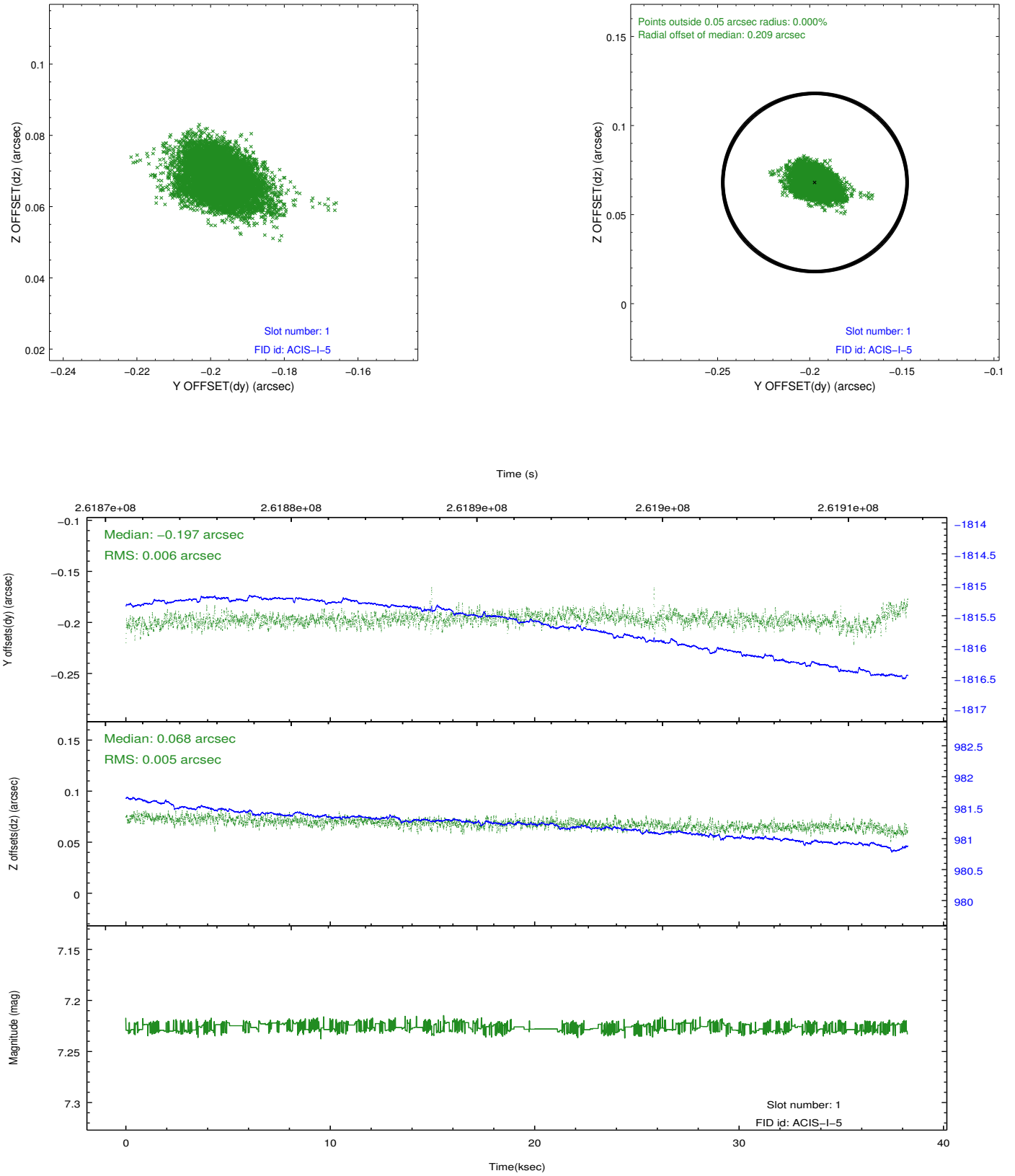


2.5 FID Slots

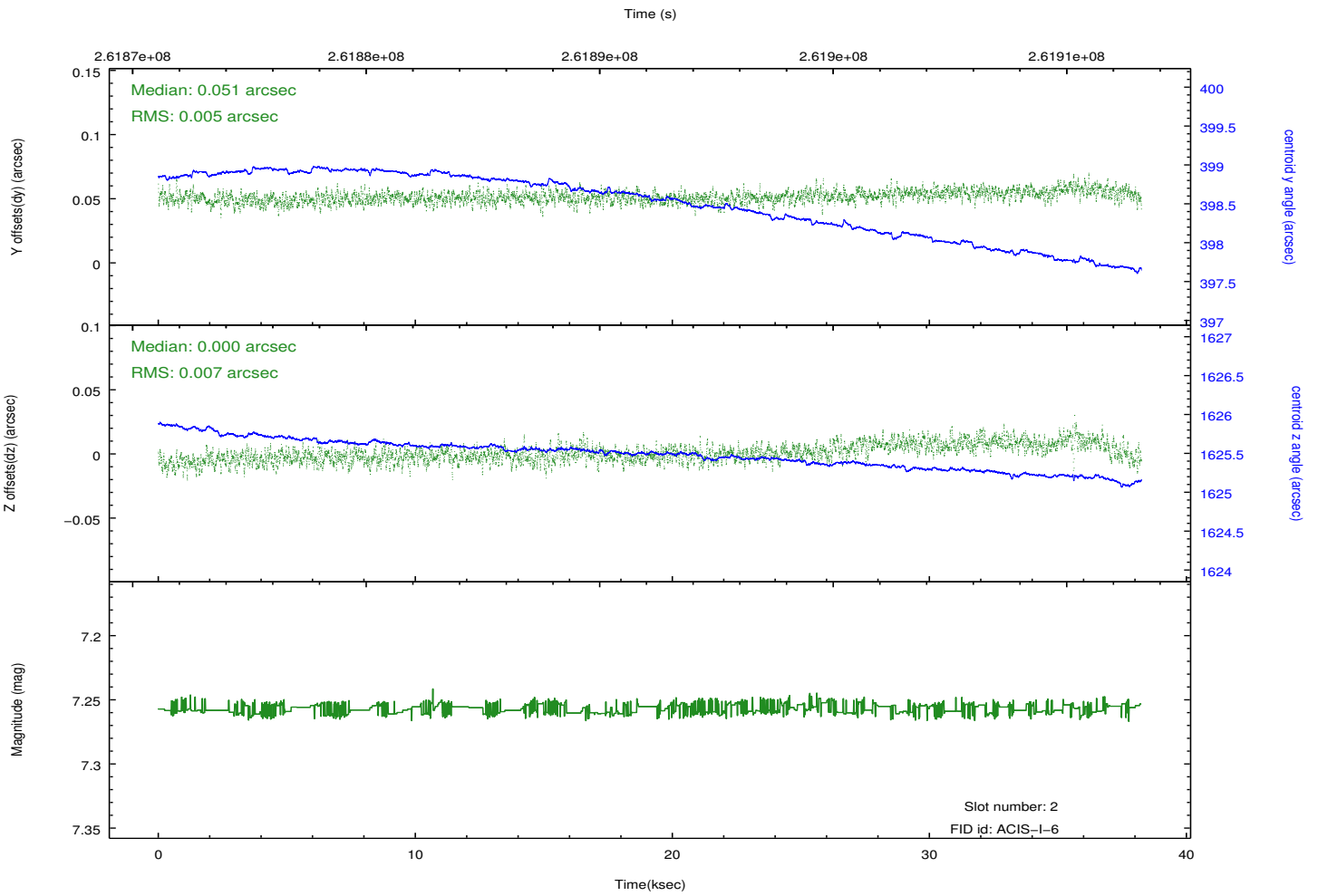
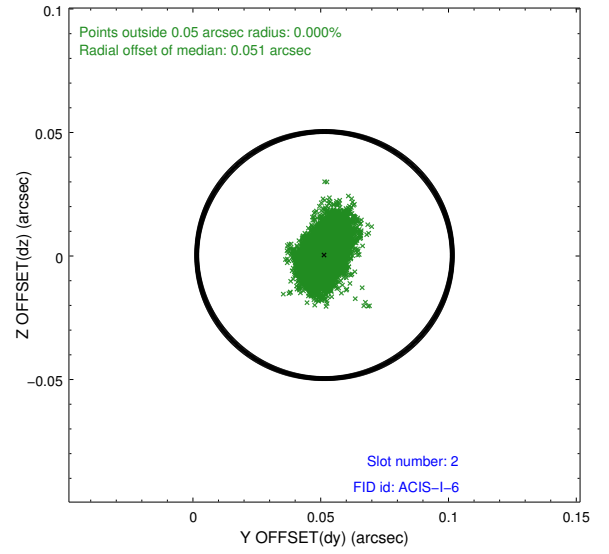
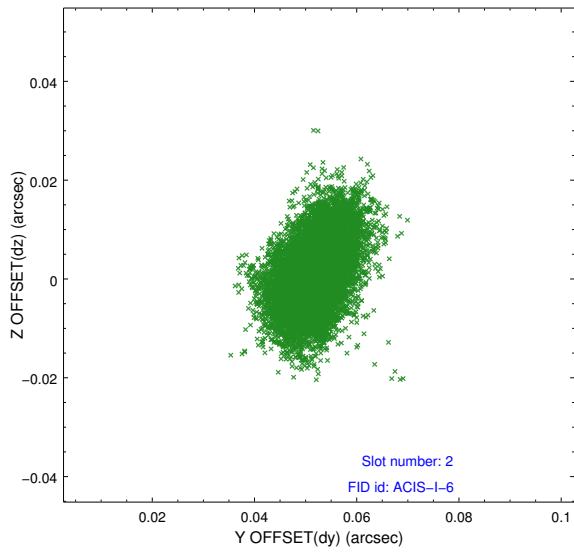
2.5.1 Slot 0



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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.0462999

A.2 Comments

Joint Proposal: NRAO