

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1876 - L2 Version 001
Chandra X-Ray Center

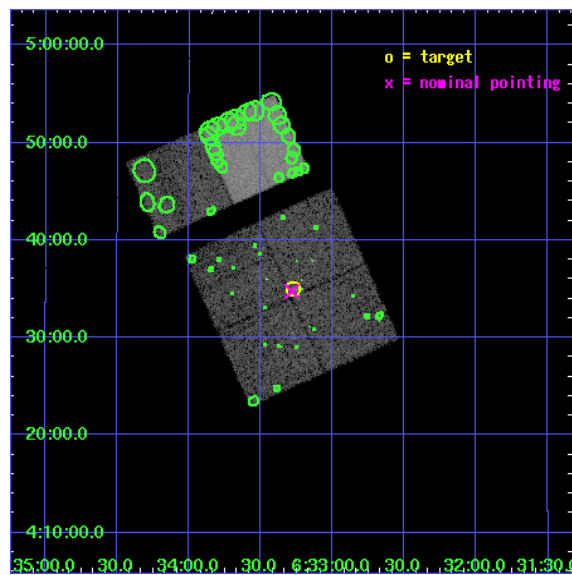
L2 Processing Date : Nov 2 2006

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1 Front

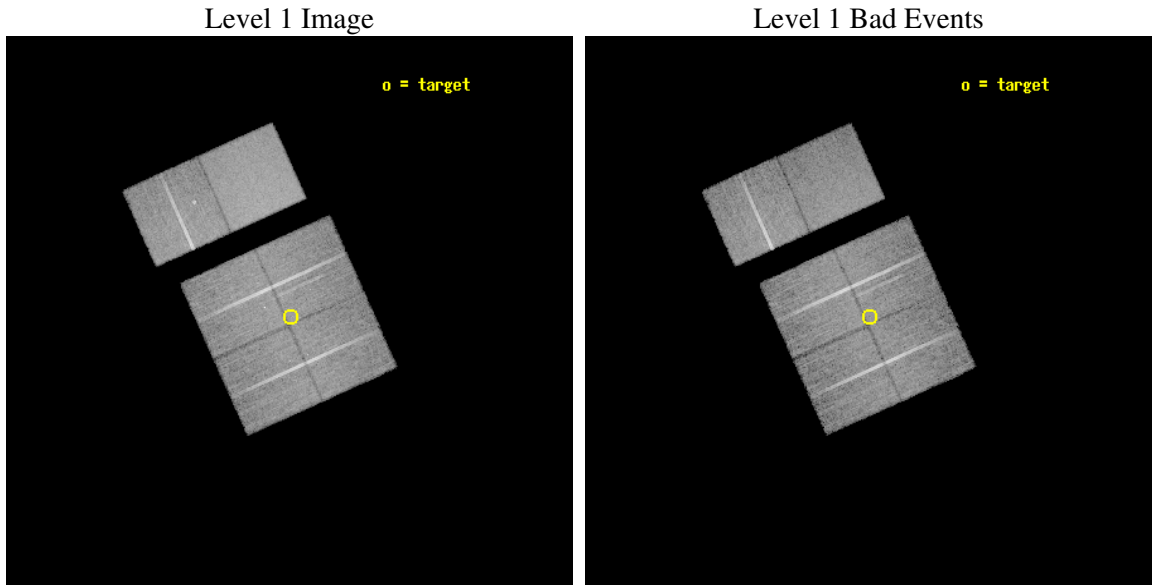
seq_num	200104
obs_id	1876
title	STAR FORMATION IN THE ROSETTE MOLECULAR CLOUD
observer	Dr. Leisa Townsley
object	ROSETTE FIELD 3
dtcycle	0
cycle	P
ra_targ	98.317917
dec_targ	4.5825
ra_nom	98.321199923816
dec_nom	4.5789421859241
roll_nom	335.76445693496
revision	2
ontime	19756.8000184
livetime	19506.62752045
ontime0	19756.8000184
ontime1	19756.8000184
ontime2	19756.8000184
ontime3	19756.8000184
ontime6	19756.8000184
ontime7	19756.8000184
l2events	116058



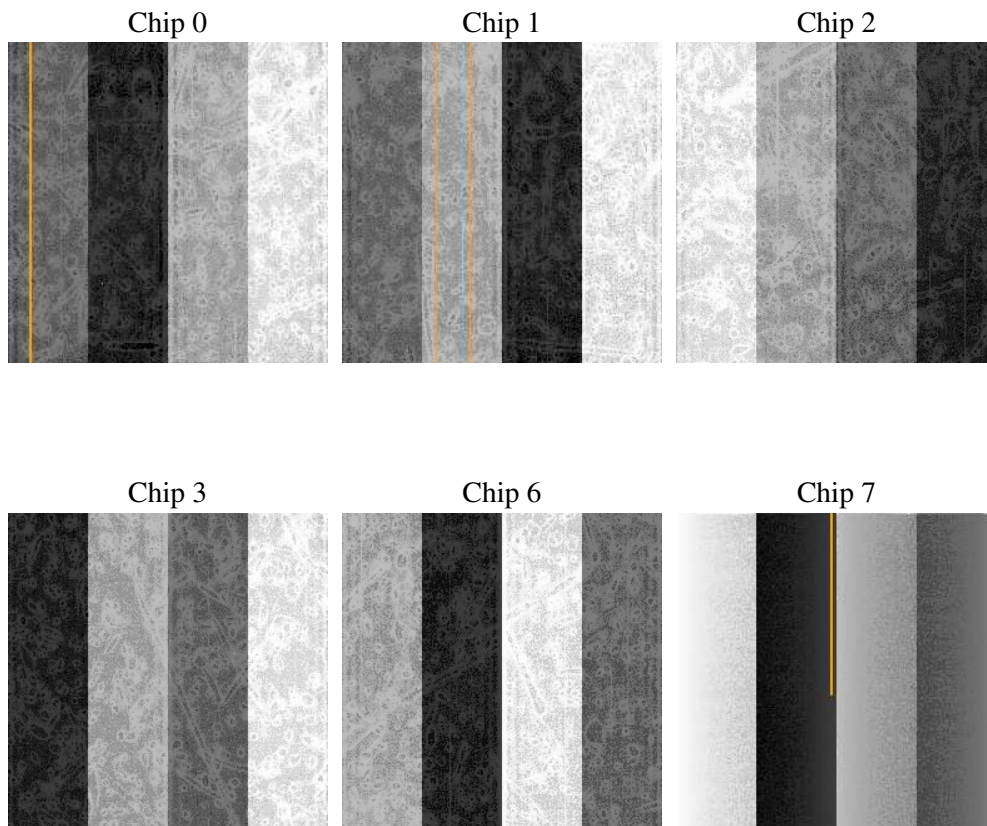
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-02T12:46:47
revision	2

sched_exp_time	20000.000000
ontime	19763.645057604
ontime0	19763.645037696
ontime1	19763.645037696
ontime2	19763.645037696
ontime3	19763.645057604
ontime6	19763.645057604
ontime7	19763.645037696
l1events	730492

2.1.4 Events

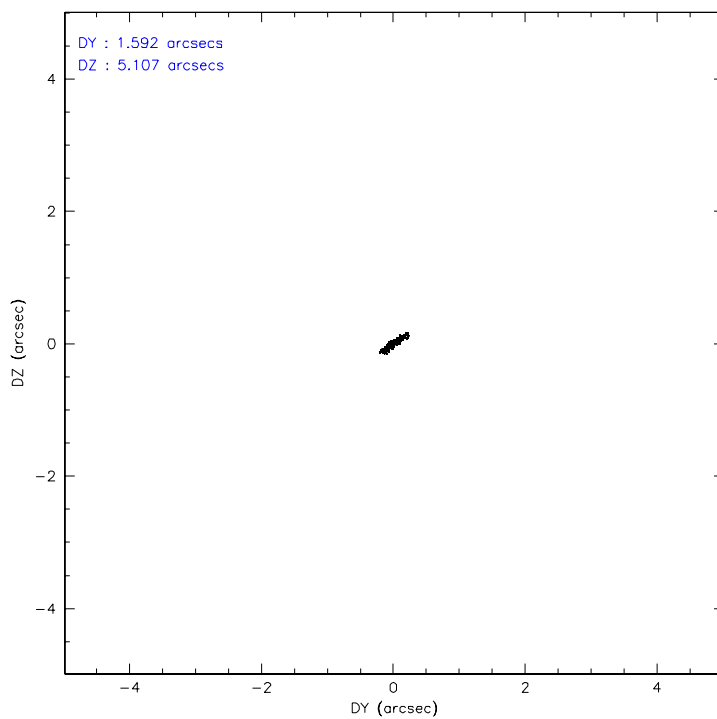
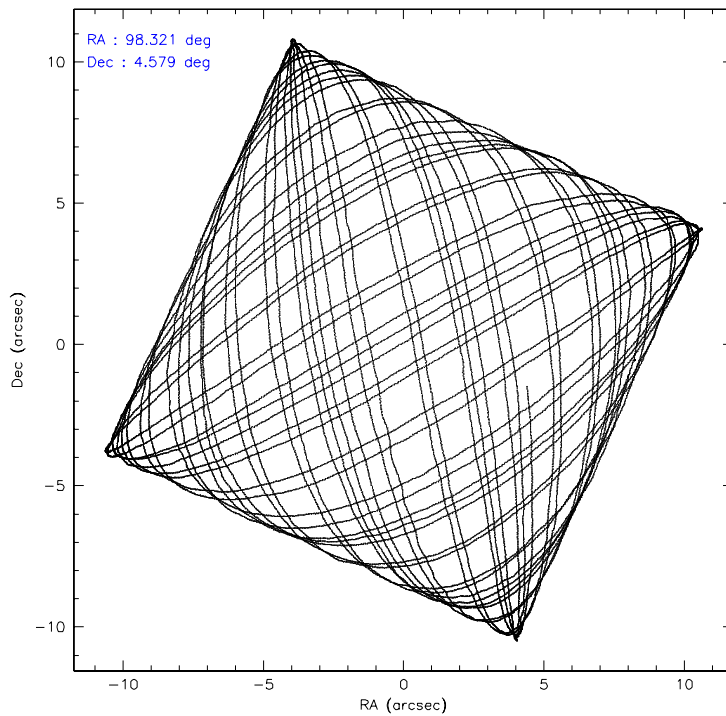
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	108553	109006	122033	115002	125492	150406
rejected events	94241	94561	108208	101502	111143	92698
rejected %	86%	86%	88%	88%	88%	61%

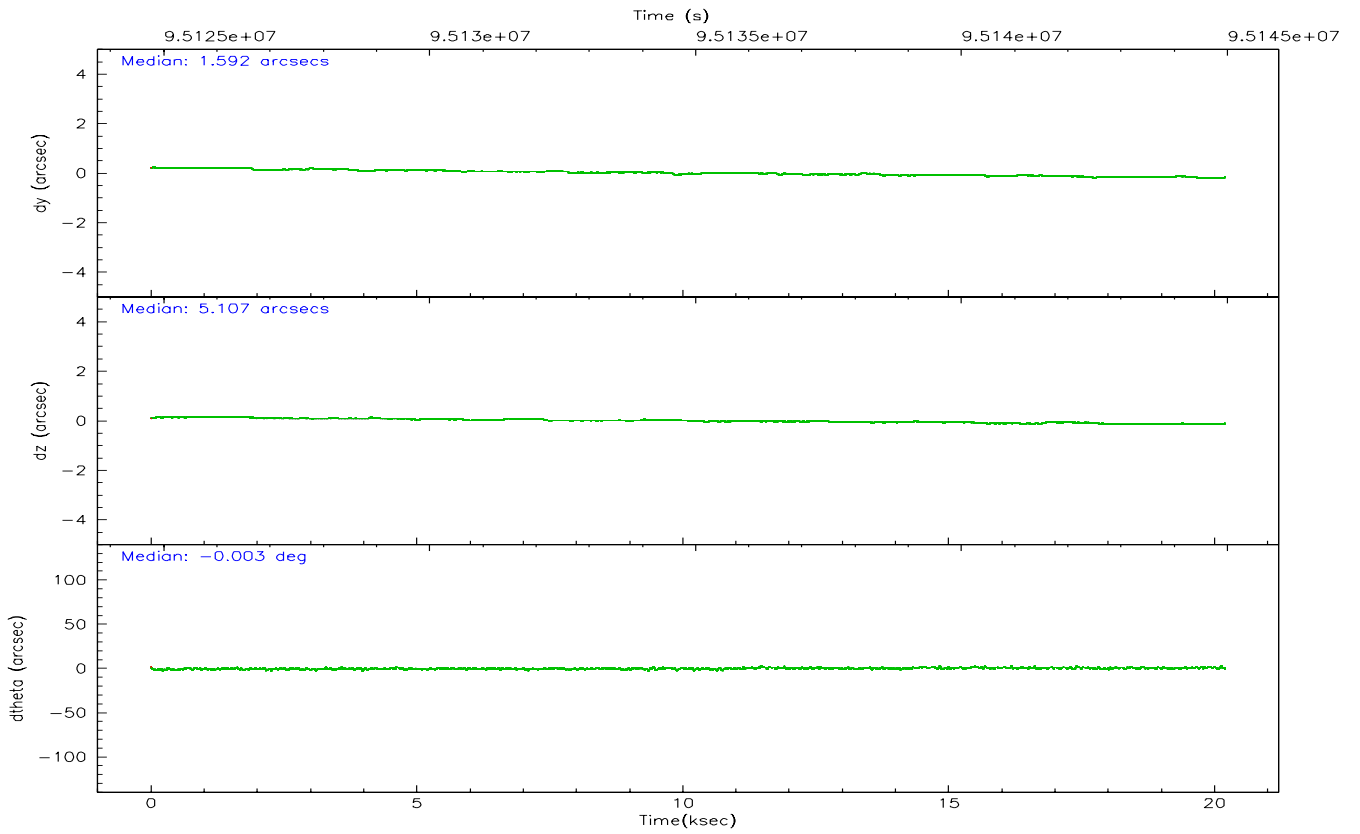
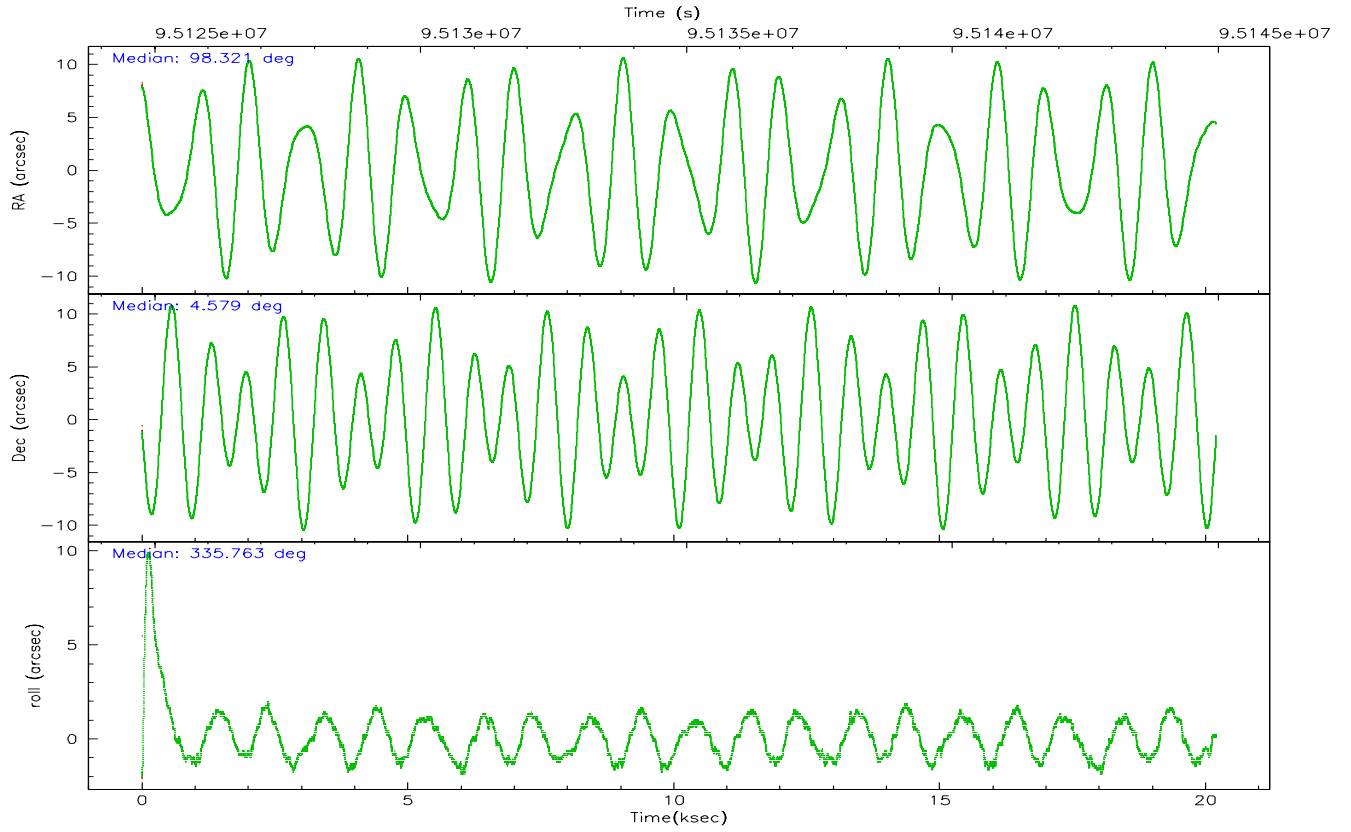
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6246	5947	5971	5944	5994	3527
	5%	5%	4%	5%	4%	2%
grade 1 events	50	69	51	67	63	83
	0%	0%	0%	0%	0%	0%
grade 2 events	2974	2845	2920	2657	2712	14007
	2%	2%	2%	2%	2%	9%
grade 3 events	1372	1493	1287	1257	1451	3144
	1%	1%	1%	1%	1%	2%
grade 4 events	1289	1436	1238	1276	1423	3221
	1%	1%	1%	1%	1%	2%
grade 5 events	4262	4418	3938	4472	5089	10251
	3%	4%	3%	3%	4%	6%
grade 6 events	2433	2730	2414	2374	2772	33822
	2%	2%	1%	2%	2%	22%
grade 7 events	89927	90068	104214	96955	105988	82351
	82%	82%	85%	84%	84%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	98.293751	98.32119992381627	Subarray requested	NONE	NONE
Pointing Dec	4.576238	4.578942185924057	Alternating exposures requested	N	N
Pointing Roll	335.557964	335.7644569349638	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	95124961.184000	95124585.042761			
Observation start date	2001-01-05T23:34:57	2001-01-05T23:29:45			
Observation end time	95144961.184000	95145095.293547			
Observation end date	2001-01-06T05:08:17	2001-01-06T05:11:35			
Read mode	TIMED	TIMED			

2.3 Aspect



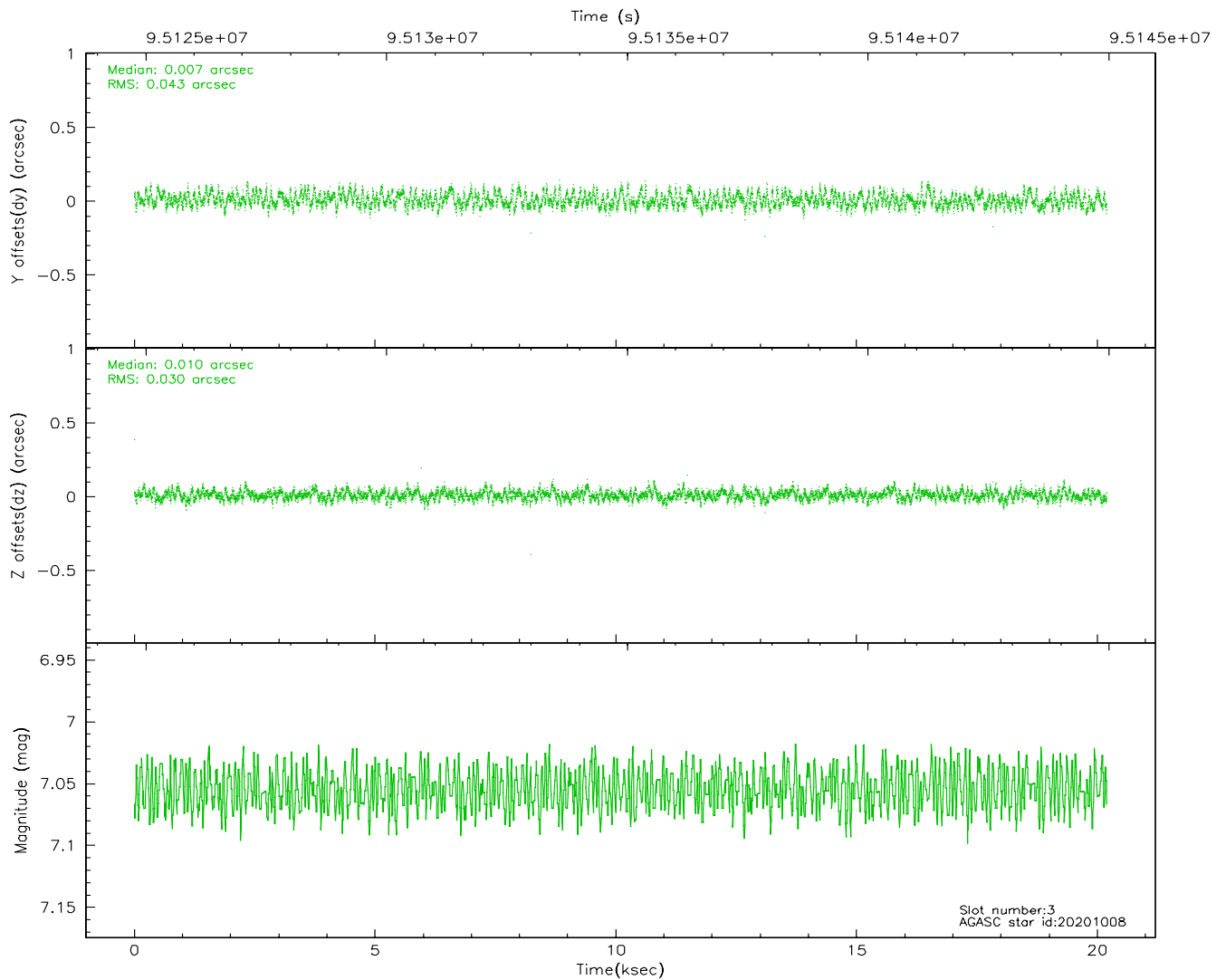
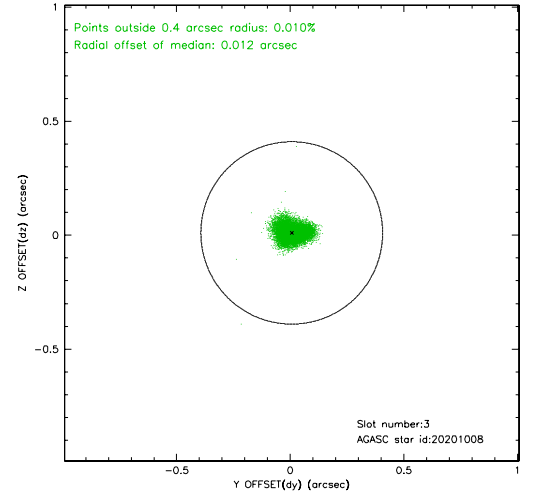
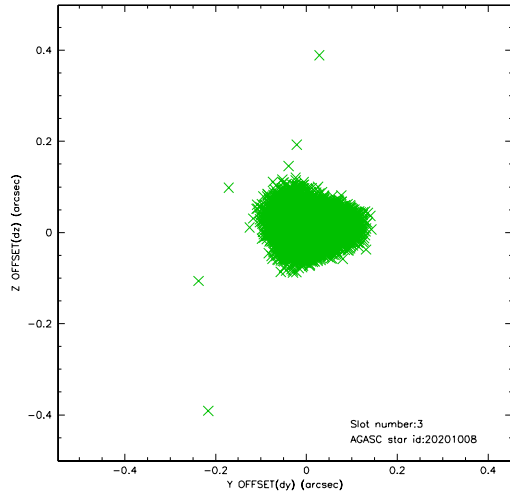


Slot Statistics

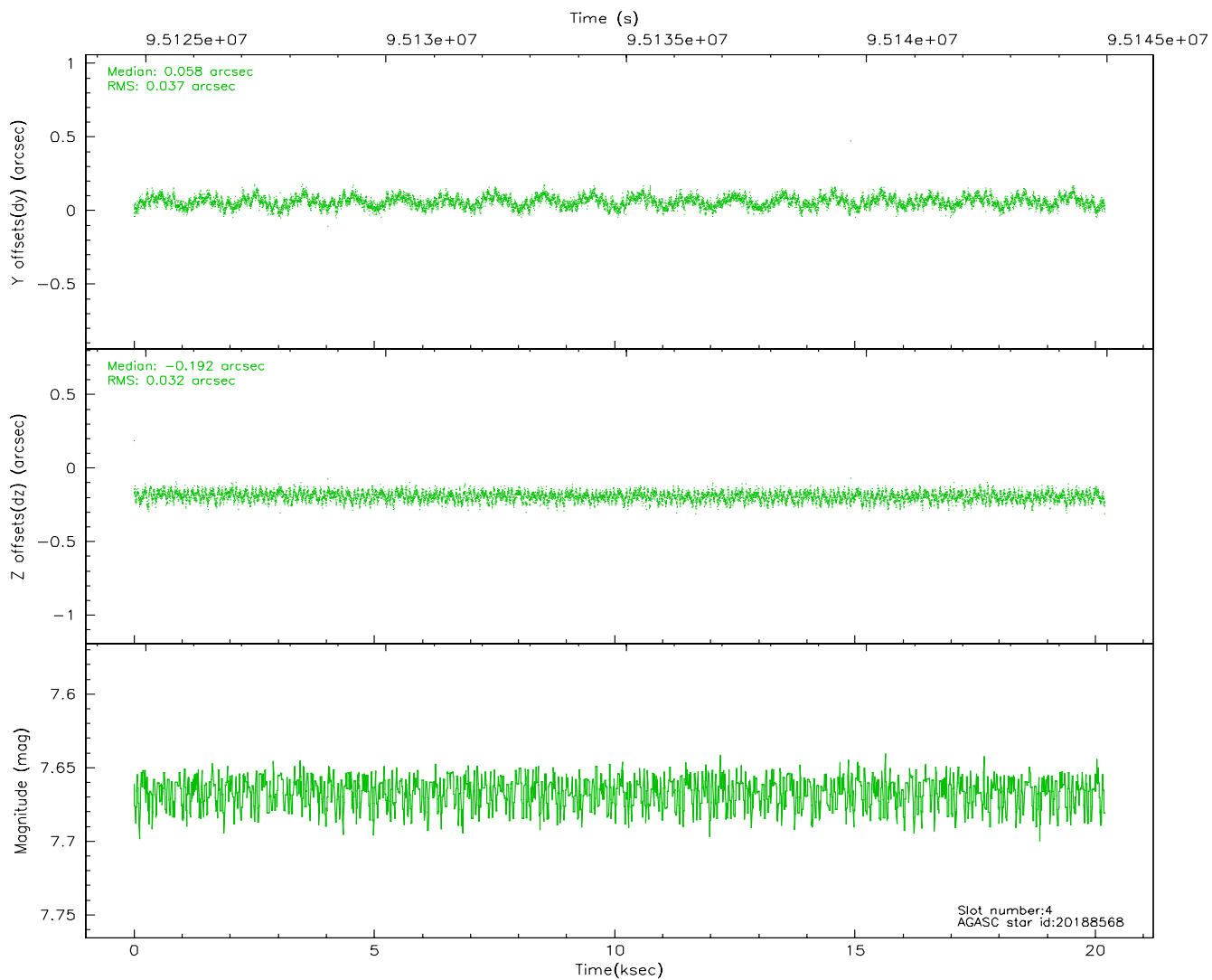
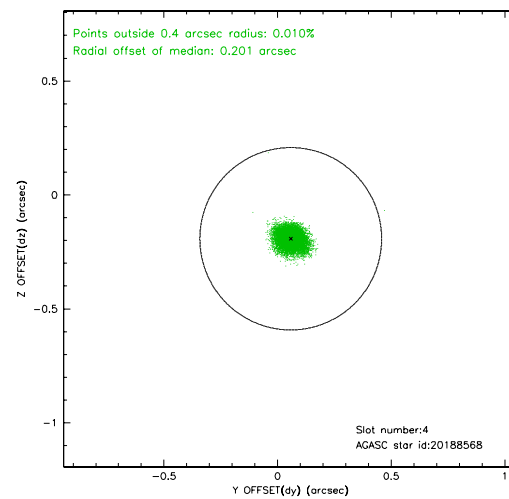
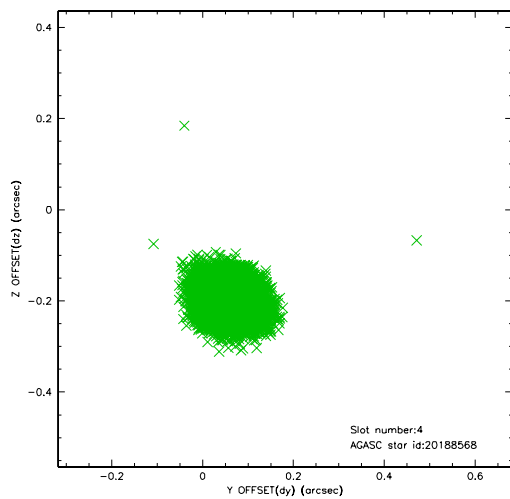
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	4928	-0.028	0.013	0.007	0.012	0.000000	0.000000	-755.96	-834.82
1	FID	ACIS-I-4	7.19	4926	-0.058	0.017	0.008	0.014	0.000000	0.000000	2157.96	1071.32
2	FID	ACIS-I-6	7.27	4927	-0.014	0.034	0.010	0.016	0.000000	0.000000	404.33	1713.70
3	GUIDE	20201008	7.06	9852	0.007	0.010	0.056	0.089	99.000440	4.498035	2424.53	794.51
4	GUIDE	20188568	7.67	9854	0.058	-0.192	0.052	0.083	98.433538	5.215985	-496.91	2304.10
5	GUIDE	20203472	7.86	9855	-0.001	0.114	0.050	0.079	98.653479	4.344261	1520.56	-225.17
6	GUIDE	20185648	7.57	9853	-0.028	-0.015	0.066	0.098	98.038775	4.823536	-1201.41	432.22
7	GUIDE	20194960	7.68	9853	-0.041	0.086	0.048	0.080	97.758599	4.508135	-1647.77	-1017.13

2.4 Star Slots

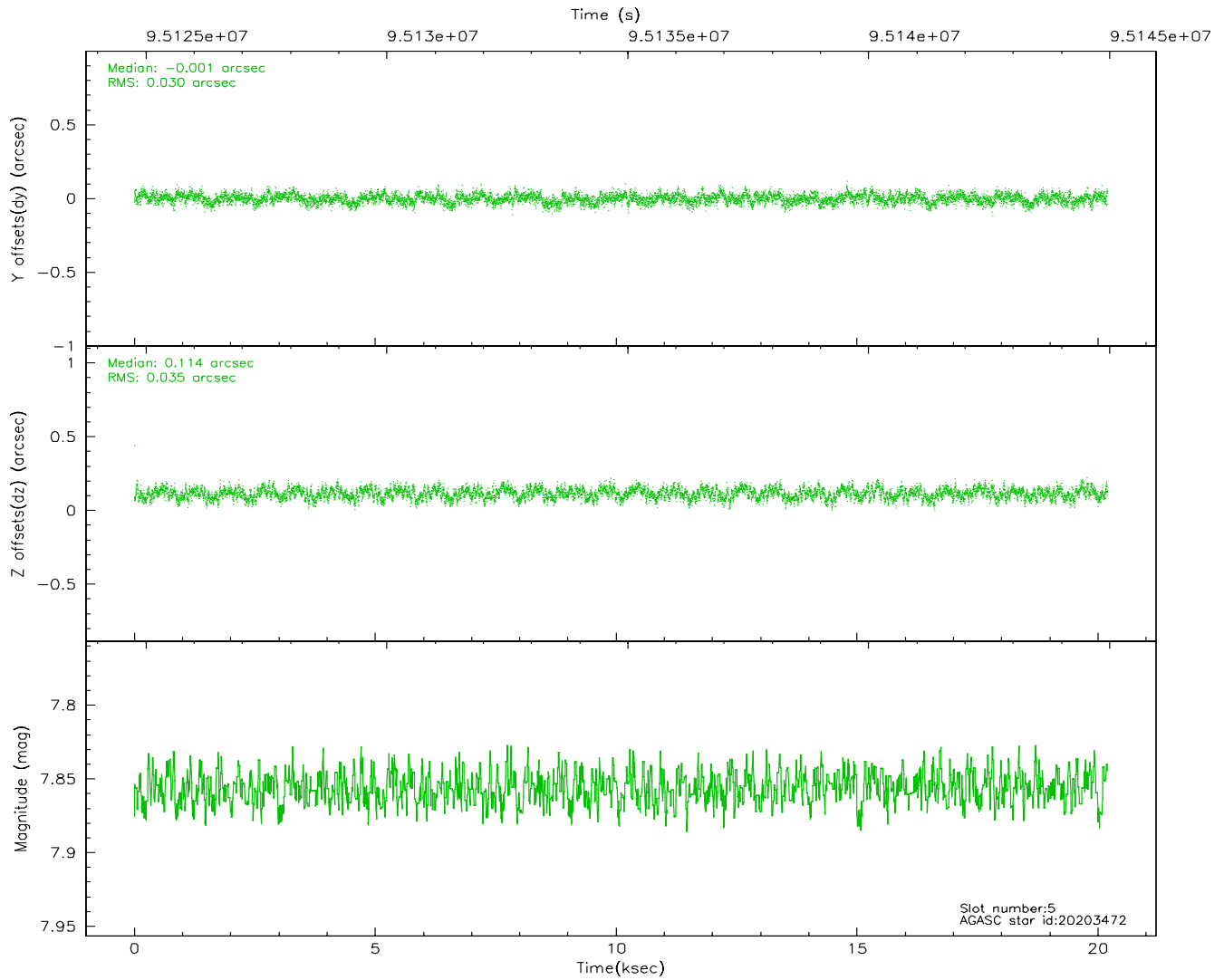
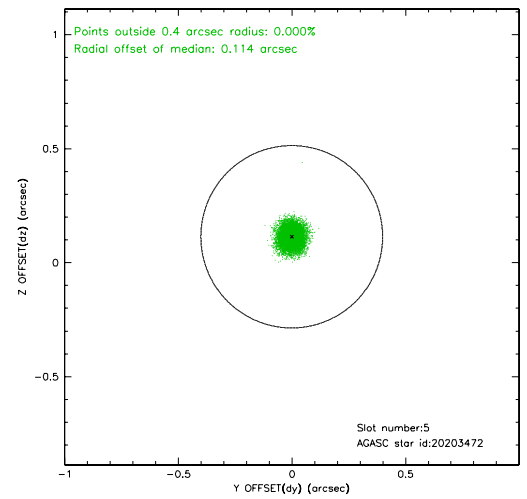
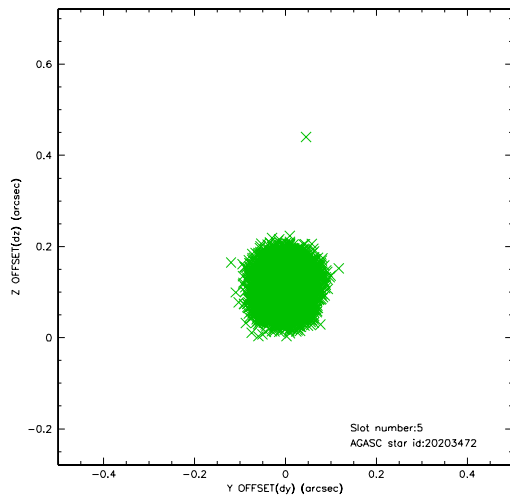
2.4.1 Slot 3



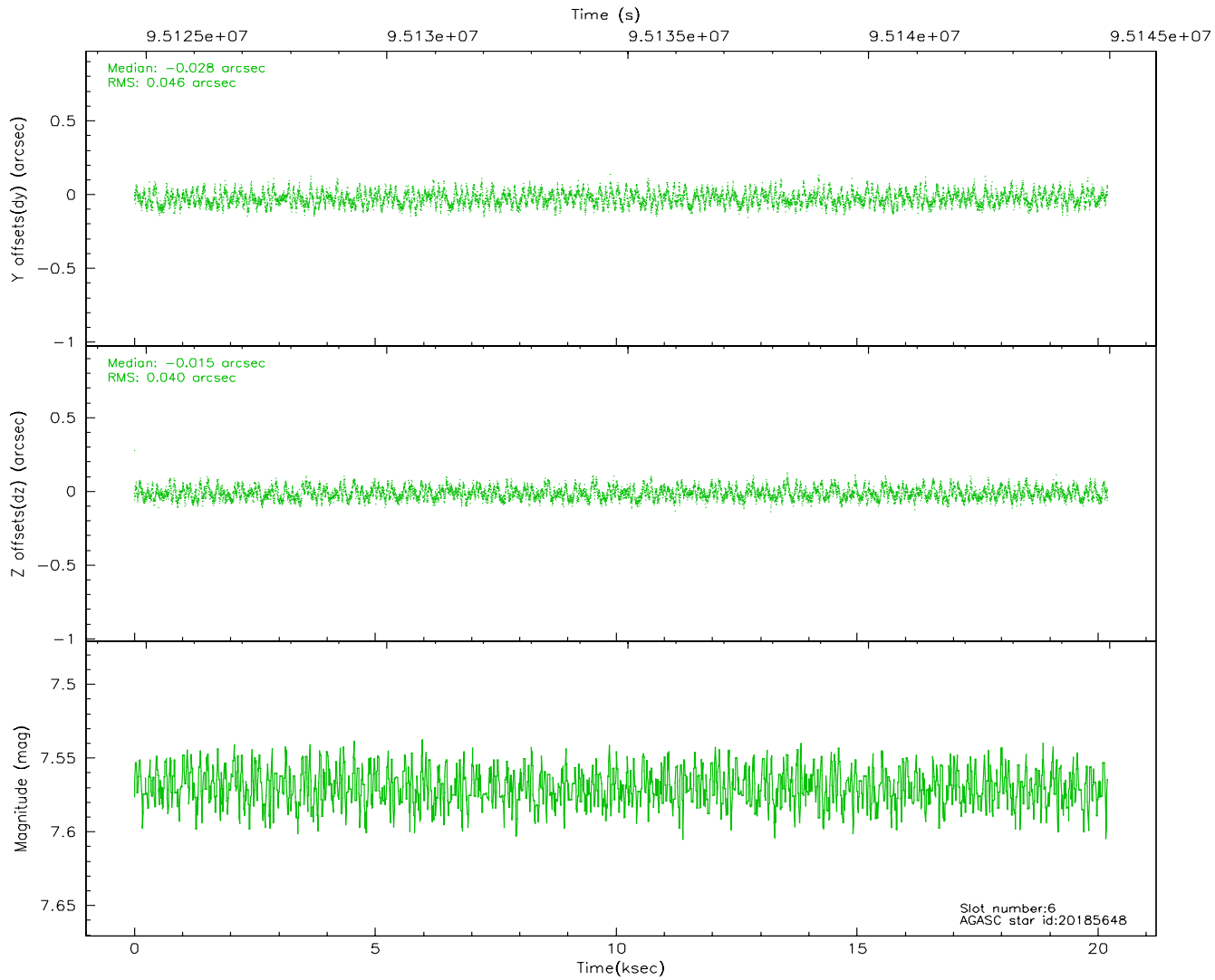
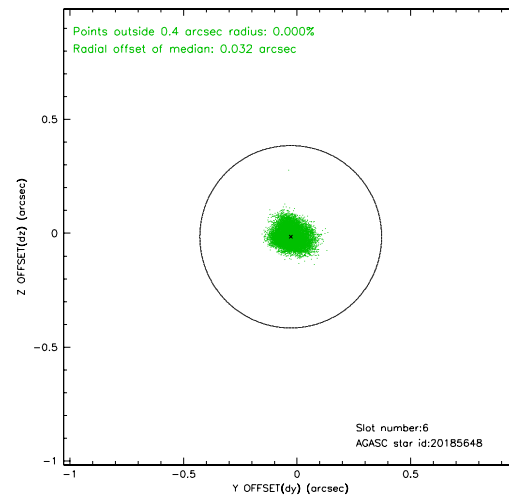
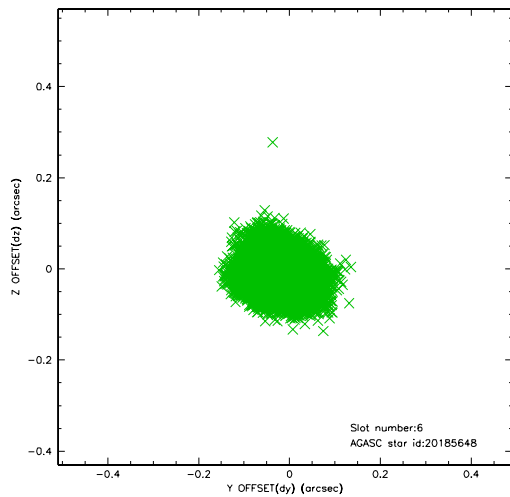
2.4.2 Slot 4



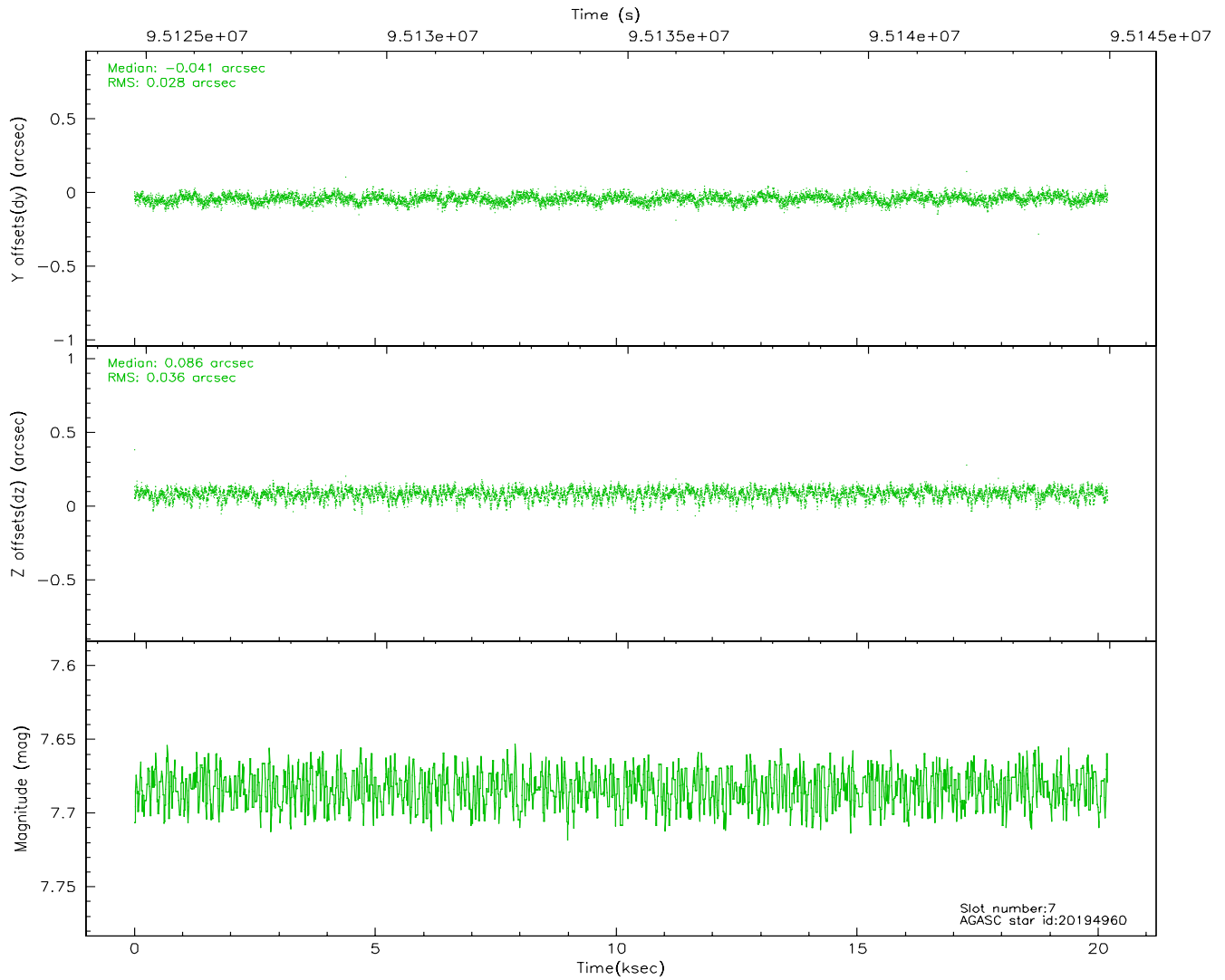
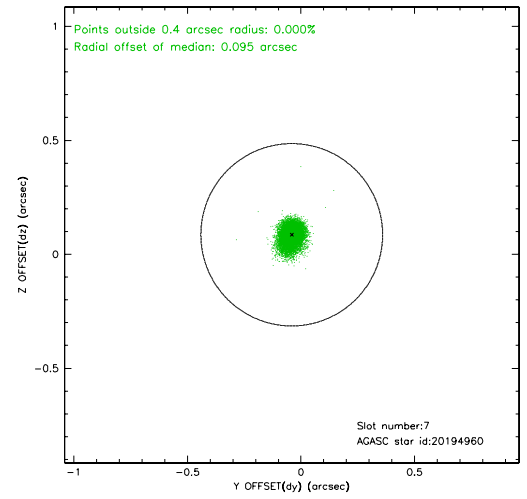
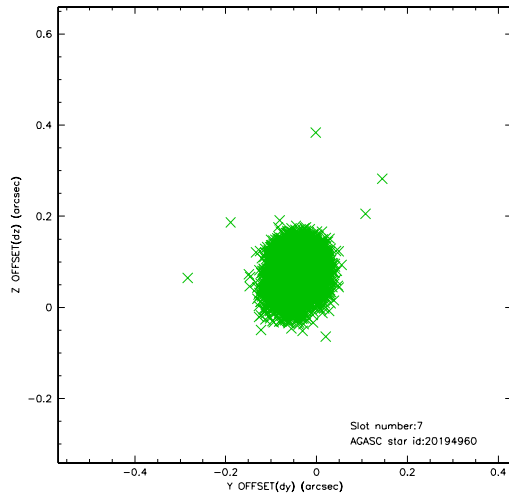
2.4.3 Slot 5



2.4.4 Slot 6

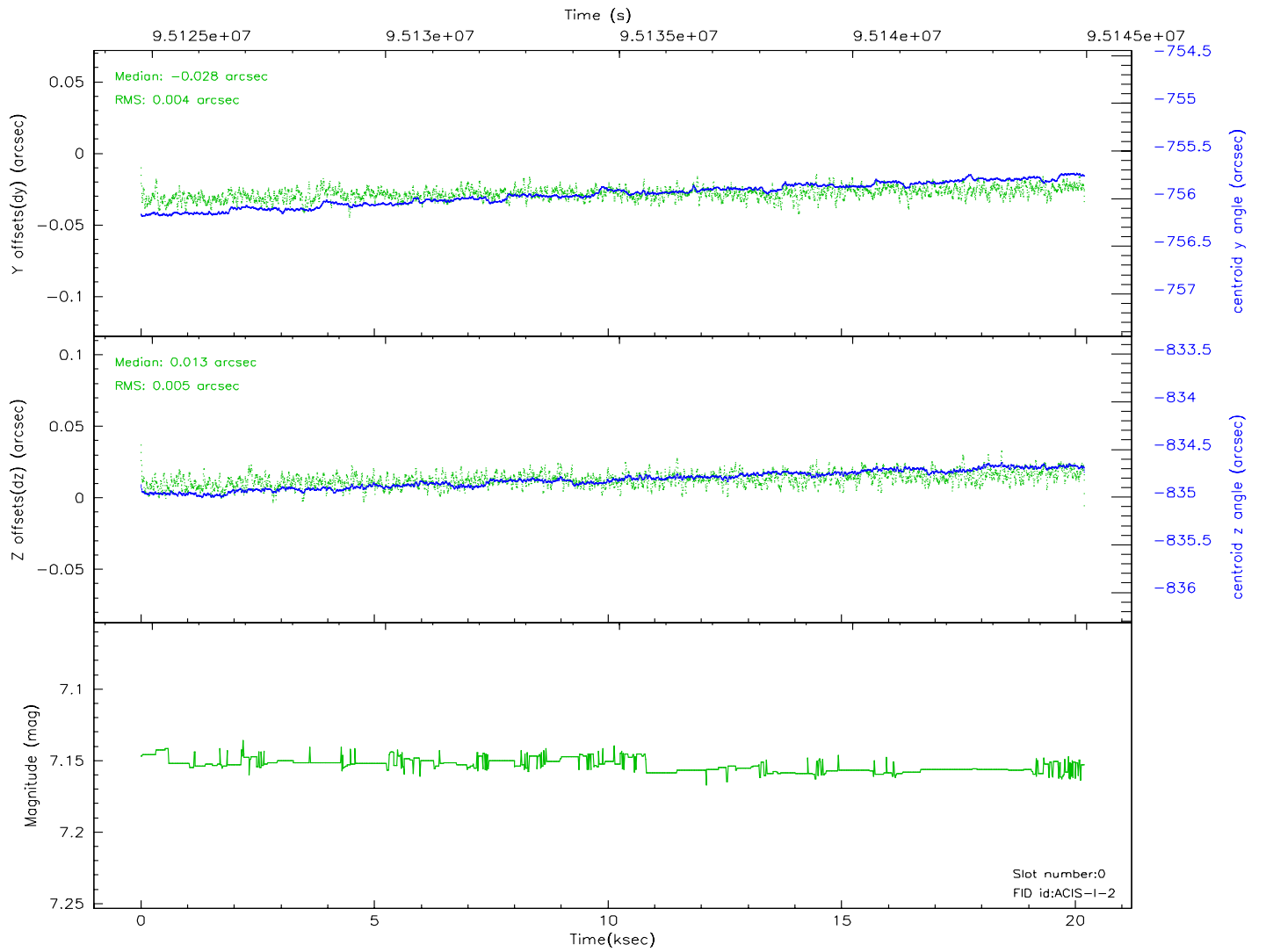
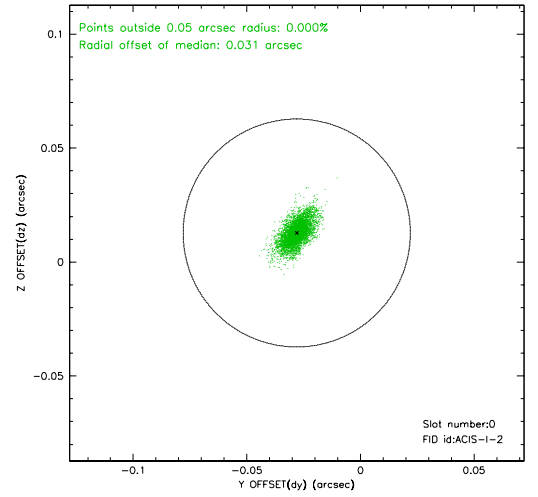
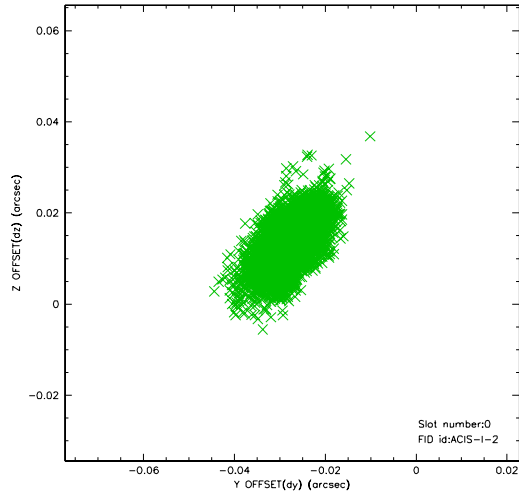


2.4.5 Slot 7

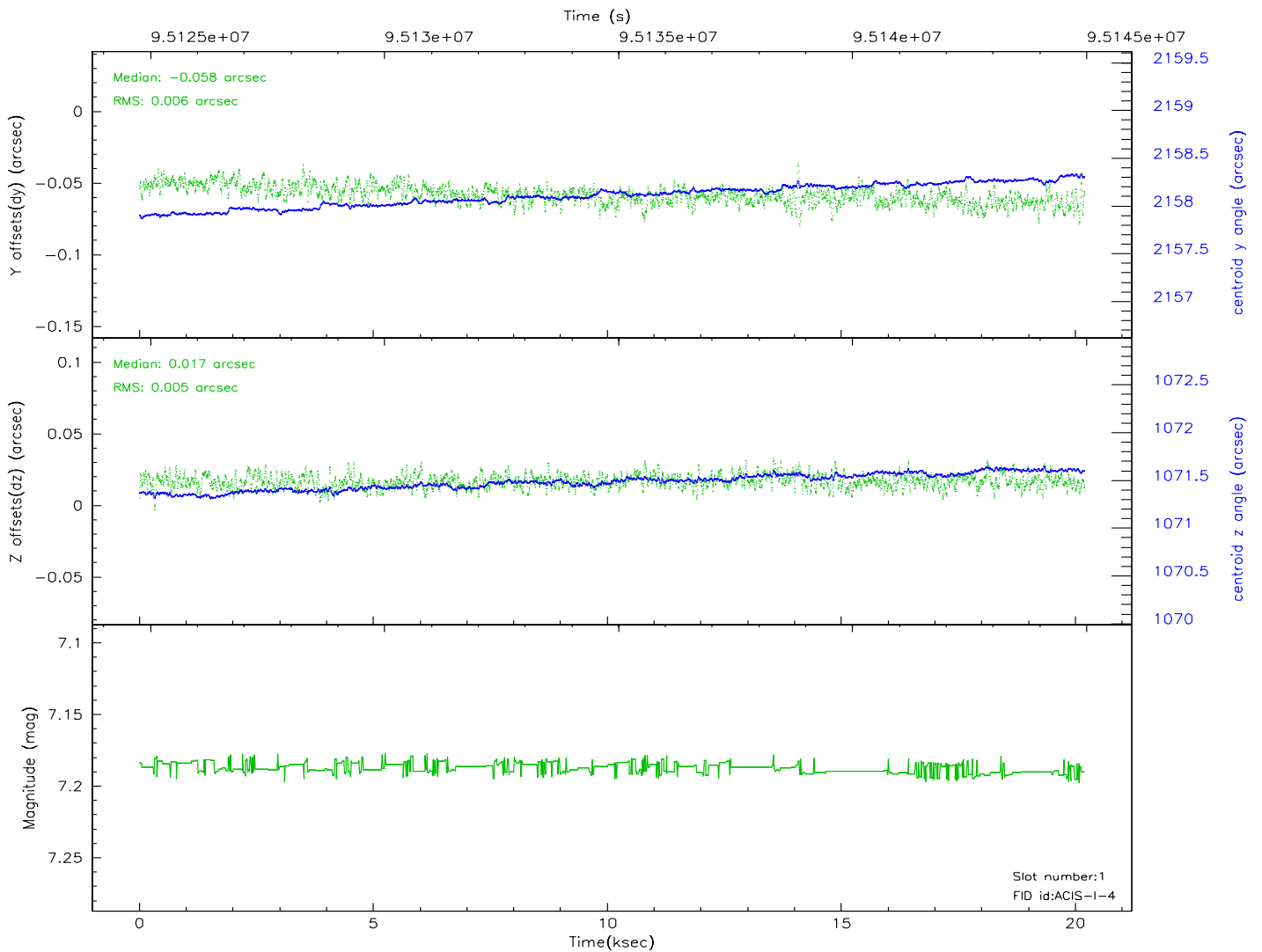
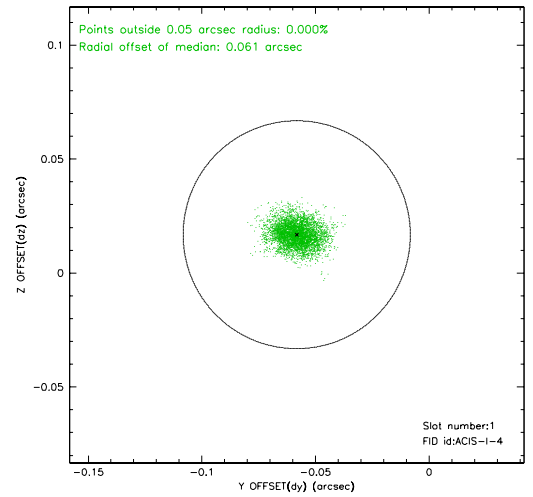
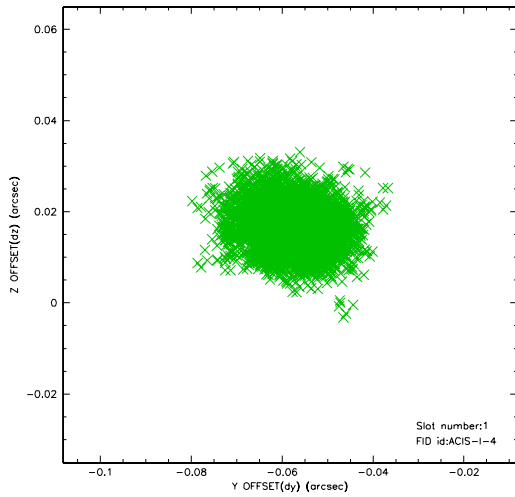


2.5 FID Slots

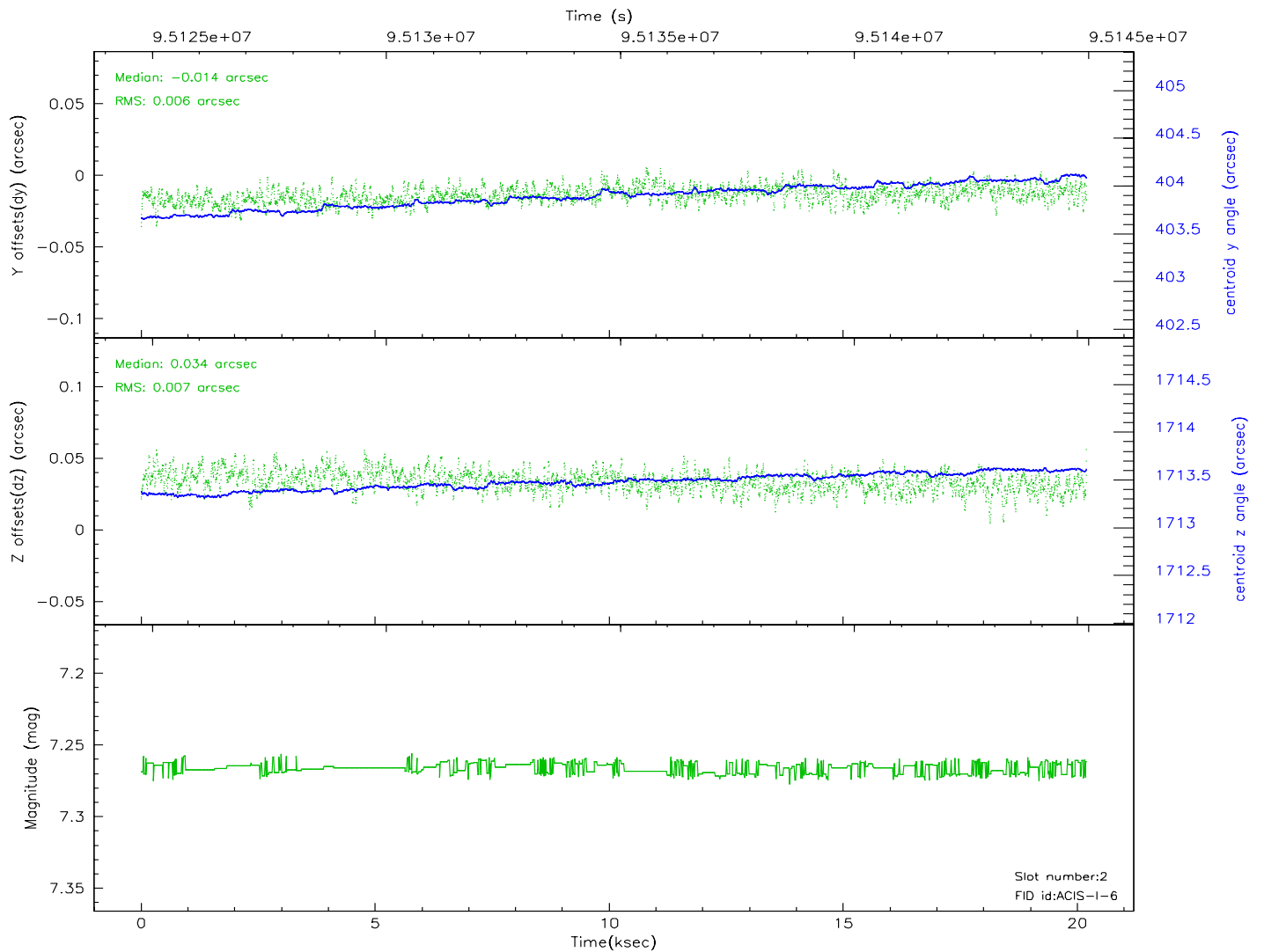
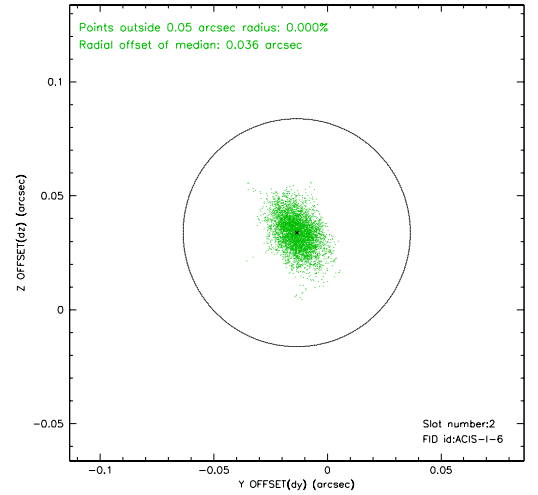
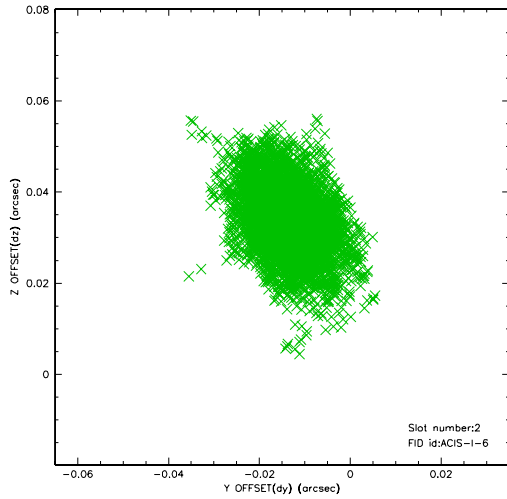
2.5.1 Slot 0



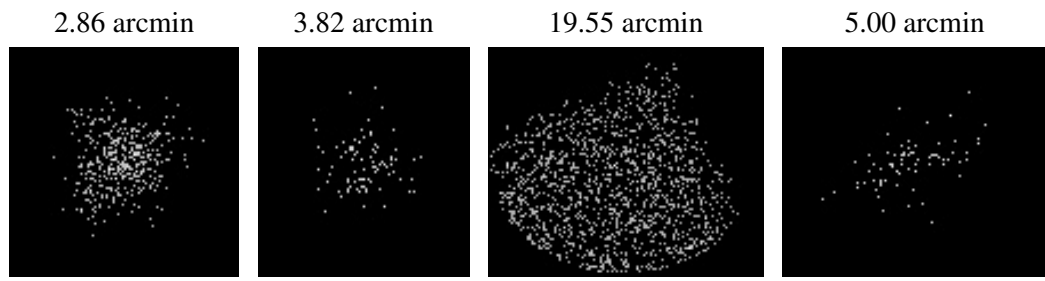
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.657

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 19.657 ks although with the current processing the charge time would have been 19.75 ksec.