

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4167 - L2 Version 001
Chandra X-Ray Center

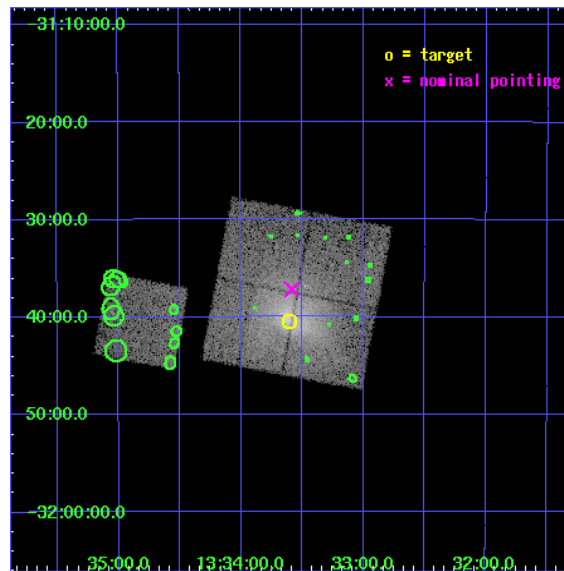
L2 Processing Date : Aug 3 2006

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1 Front

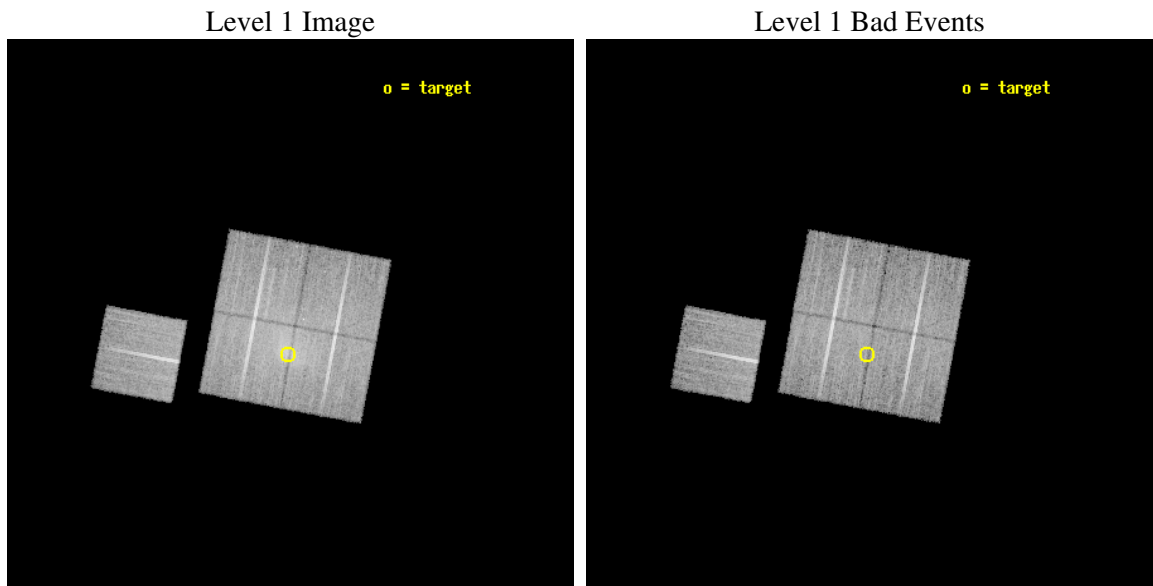
seq_num	800323
obs_id	4167
title	SPATIALLY RESOLVED OBSERVATION OF A MAJOR MERGING EVENT IN THE SHAPLEY SUPERCLUSTER
observer	DR STEFANO ETTORI
object	A3562
dtcycle	0
cycle	P
ra_targ	203.4
dec_targ	-31.674167
ra_nom	203.39601932971
dec_nom	-31.619786710283
roll_nom	280.67738513088
revision	3
ontime	19539.258982182
livetime	19283.964178986
ontime0	19542.399962425
ontime1	19536.11798203
ontime2	19539.258982182
ontime3	19536.118011951
ontime6	19542.399962425
l2events	96119



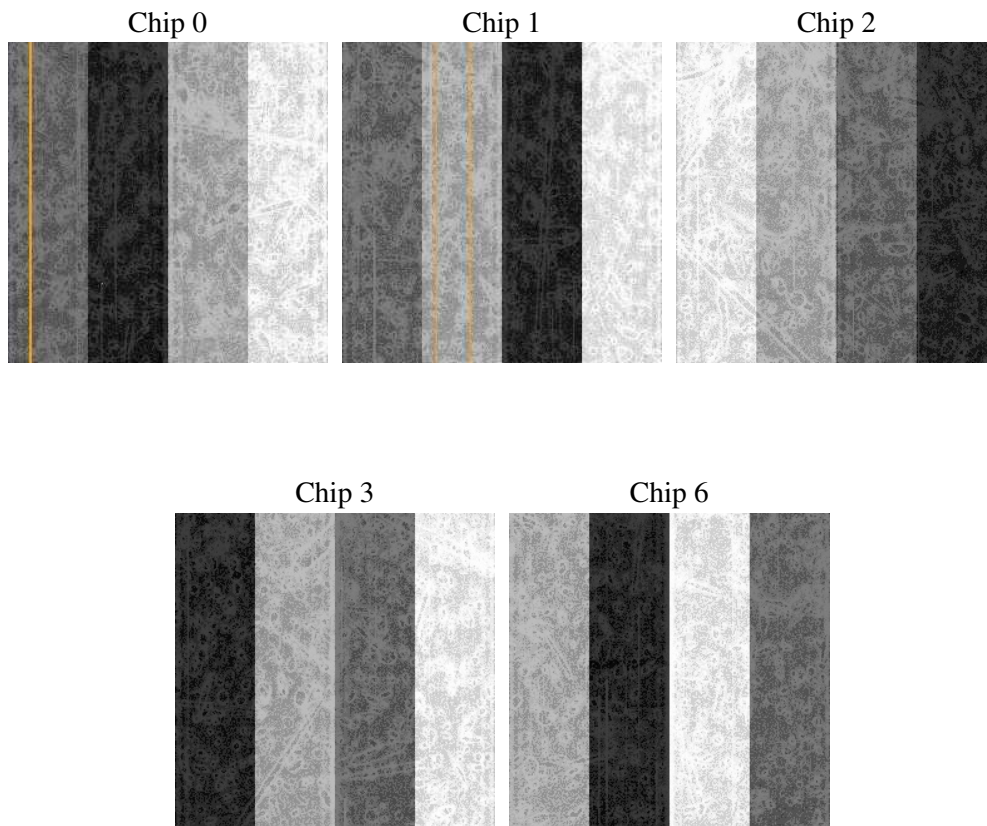
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-04T01:13:50
revision	3

sched_exp_time	19424.000000
ontime	19543.346688658
ontime0	19546.48768881
ontime1	19540.205708414
ontime2	19543.346688658
ontime3	19540.205738336
ontime6	19546.48768881
l1events	580194

2.1.4 Events

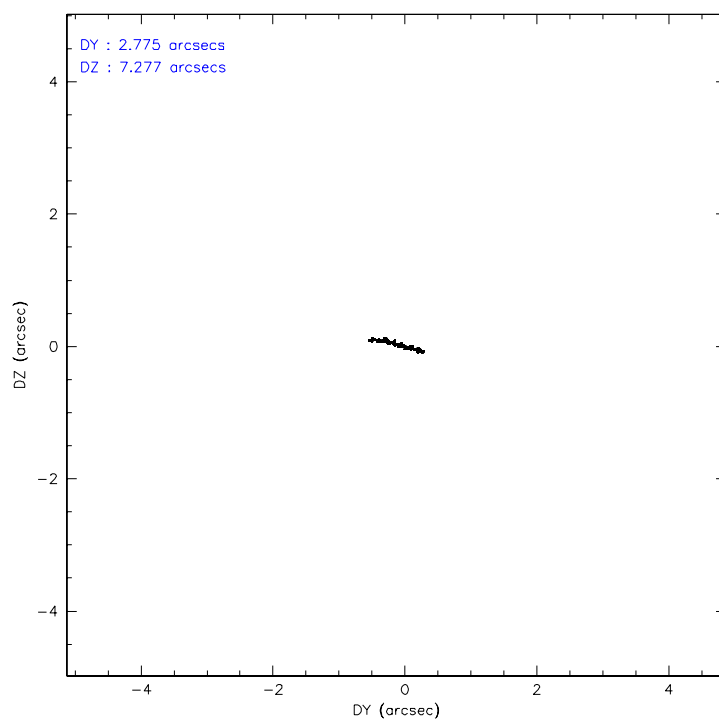
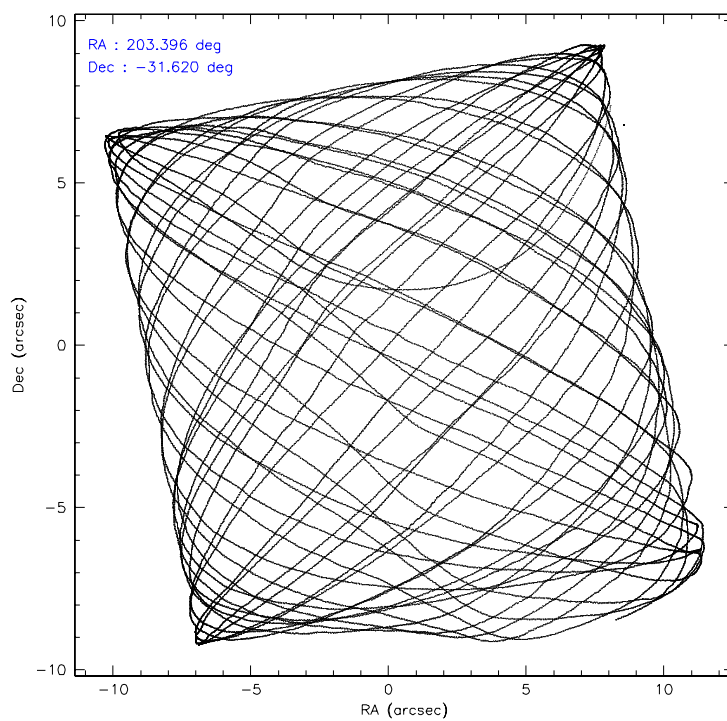
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	122722	105742	133698	110914	107118
rejected events	92082	88580	101288	95303	93988
rejected %	75%	83%	75%	85%	87%

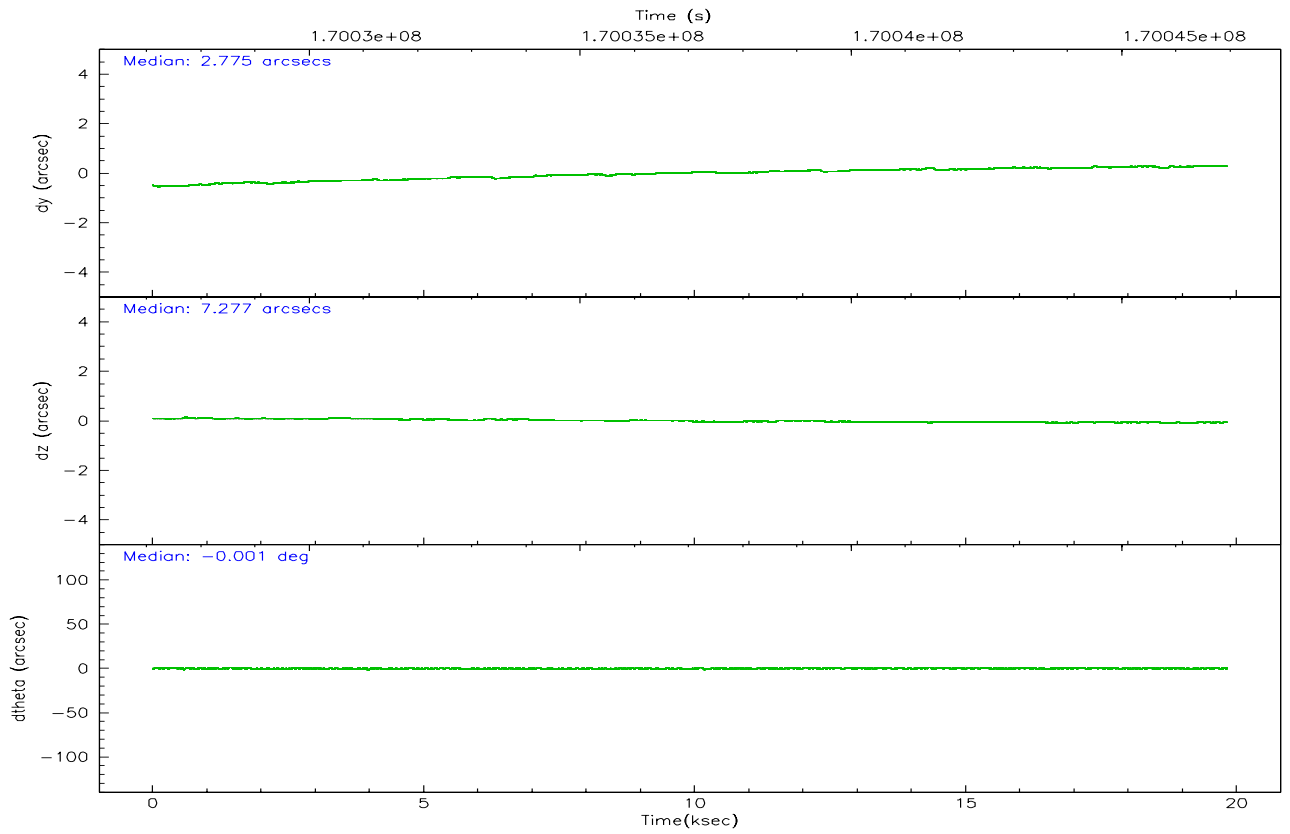
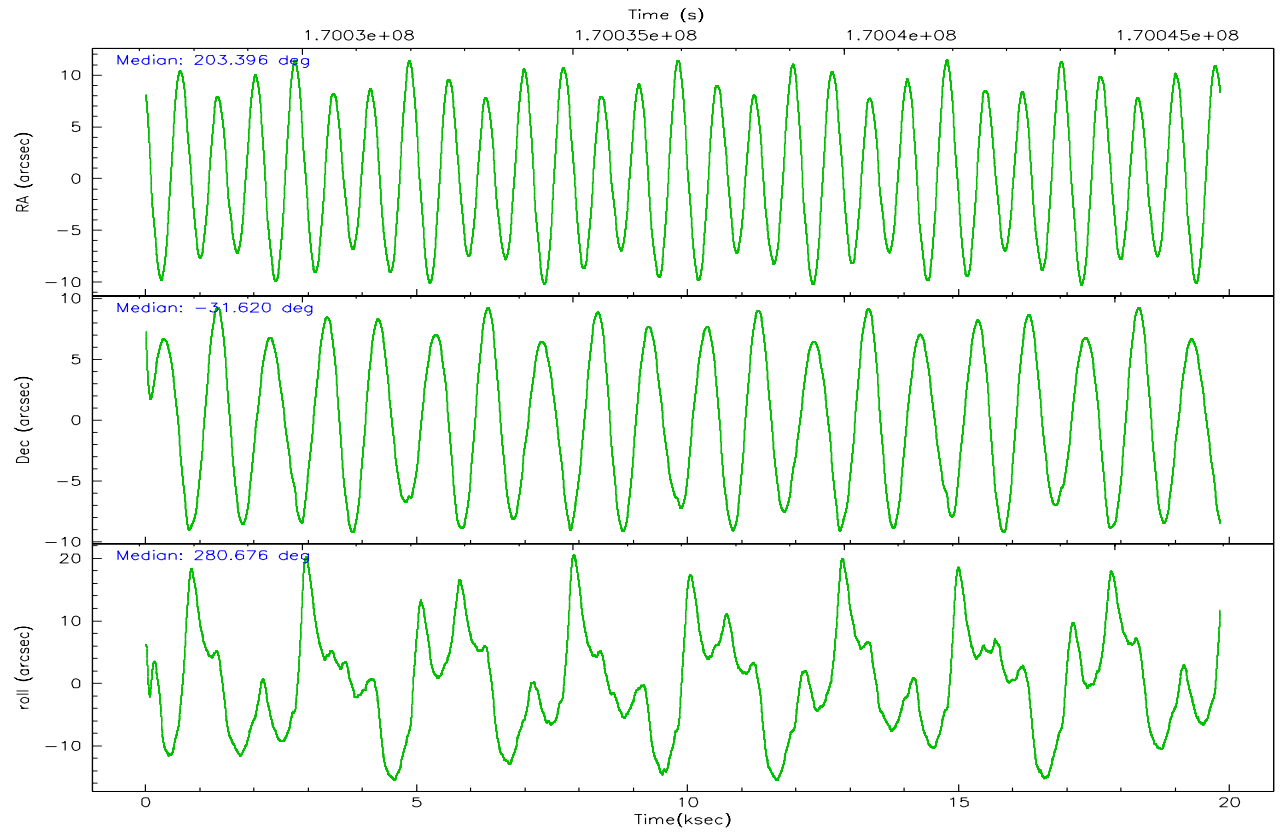
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	19962	8722	21949	8331	5913
	16%	8%	16%	7%	5%
grade 1 events	128	51	126	89	50
	0%	0%	0%	0%	0%
grade 2 events	4410	3000	4549	2628	2503
	3%	2%	3%	2%	2%
grade 3 events	1879	1548	1808	1229	1232
	1%	1%	1%	1%	1%
grade 4 events	1825	1436	1778	1301	1190
	1%	1%	1%	1%	1%
grade 5 events	3732	3840	3504	4043	3952
	3%	3%	2%	3%	3%
grade 6 events	2573	2459	2334	2136	2295
	2%	2%	1%	1%	2%
grade 7 events	88213	84686	97650	91157	89983
	71%	80%	73%	82%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	203.374962	203.396019329714	Alternating exposures requested	N	N
Pointing Dec	-31.599127	-31.6197867102834	Primary exposure time	0.000000	3.1
Pointing Roll	280.457663	280.677385130882			
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	170027523.184000	170026456.92092			
Observation start date	2003-05-22T21:50:59	2003-05-22T21:34:16			
Observation end time	170046947.184000	170047551.93431			
Observation end date	2003-05-23T03:14:43	2003-05-23T03:25:51			
Read mode	TIMED	TIMED			

2.3 Aspect



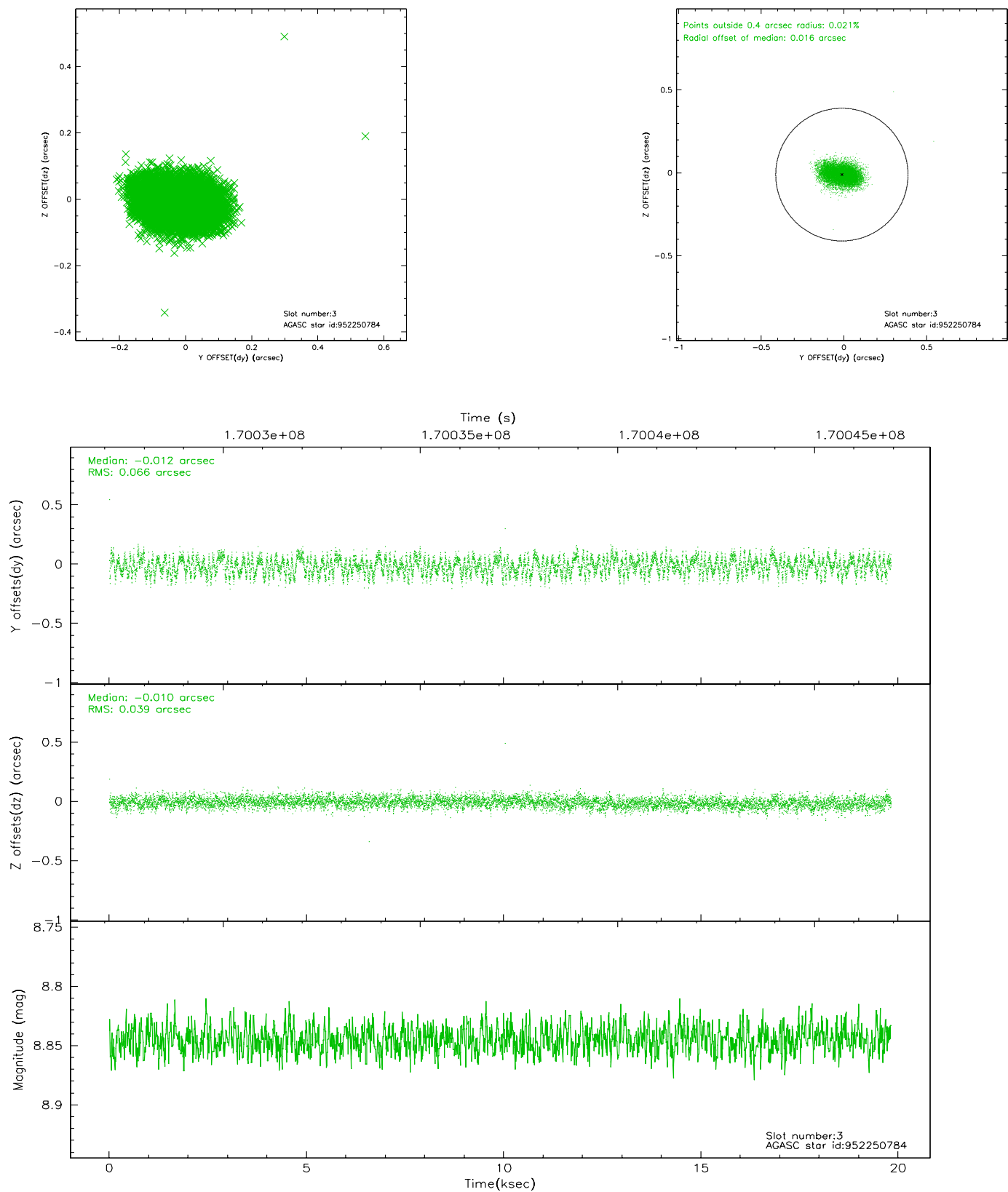


Slot Statistics

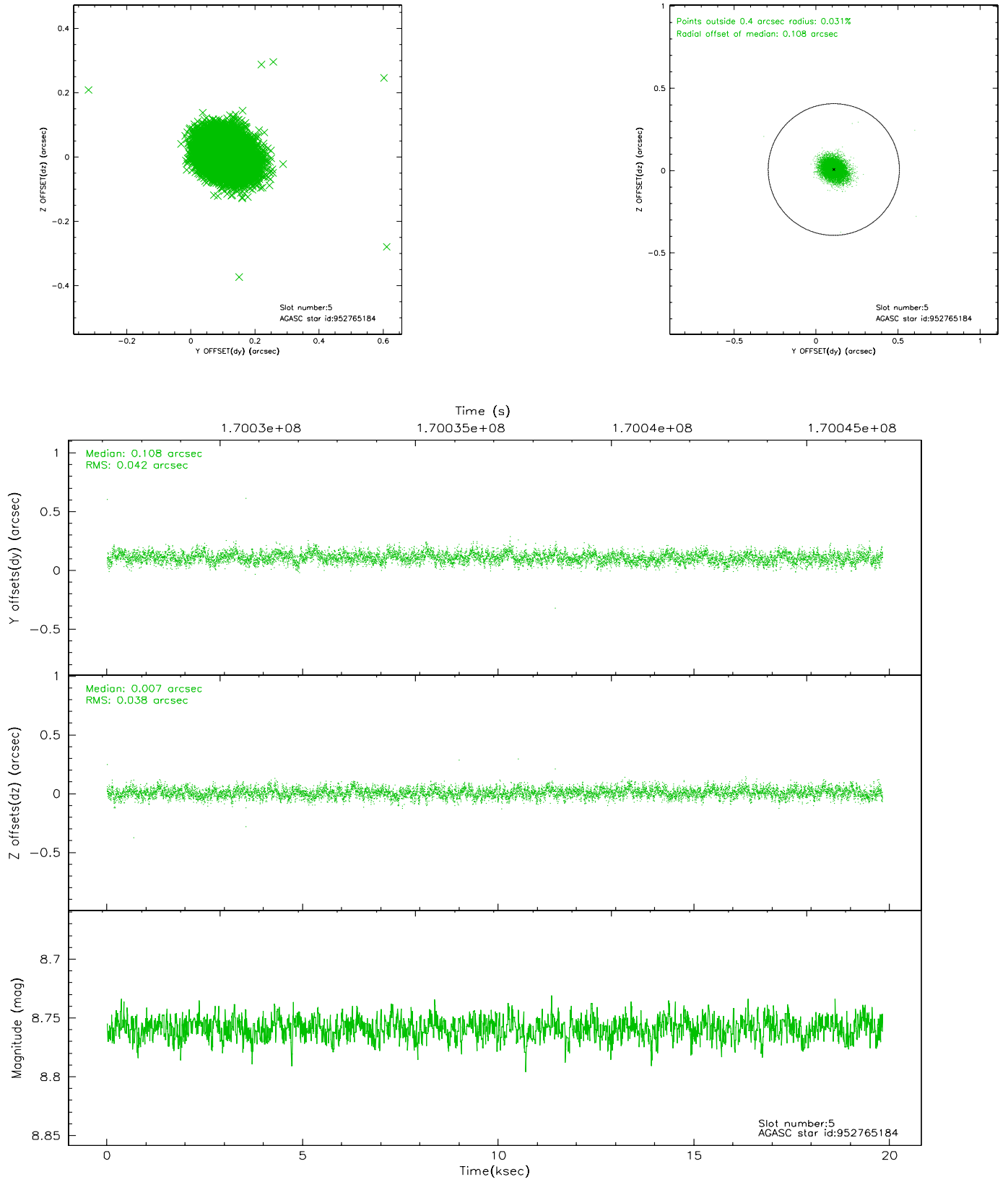
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4835	-0.006	0.039	0.009	0.015	0.000000	0.000000	937.04	-830.66
1	FID	ACIS-I-5	7.24	4835	-0.055	0.049	0.008	0.014	0.000000	0.000000	-1810.97	1066.80
2	FID	ACIS-I-6	7.26	4835	-0.031	-0.018	0.008	0.014	0.000000	0.000000	402.40	1711.41
3	GUIDE	952250784	8.84	9663	-0.012	-0.010	0.082	0.129	204.009440	-31.028720	-1658.47	2296.99
4	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
5	GUIDE	952765184	8.76	9666	0.108	0.007	0.060	0.098	203.344875	-32.058909	1611.15	-389.92
6	GUIDE	952251232	7.26	9669	-0.088	0.006	0.051	0.082	202.949910	-31.055331	-2160.33	-933.75
7	GUIDE	952765400	7.06	9669	-0.006	-0.004	0.055	0.090	203.800983	-32.212390	2409.07	875.12

2.4 Star Slots

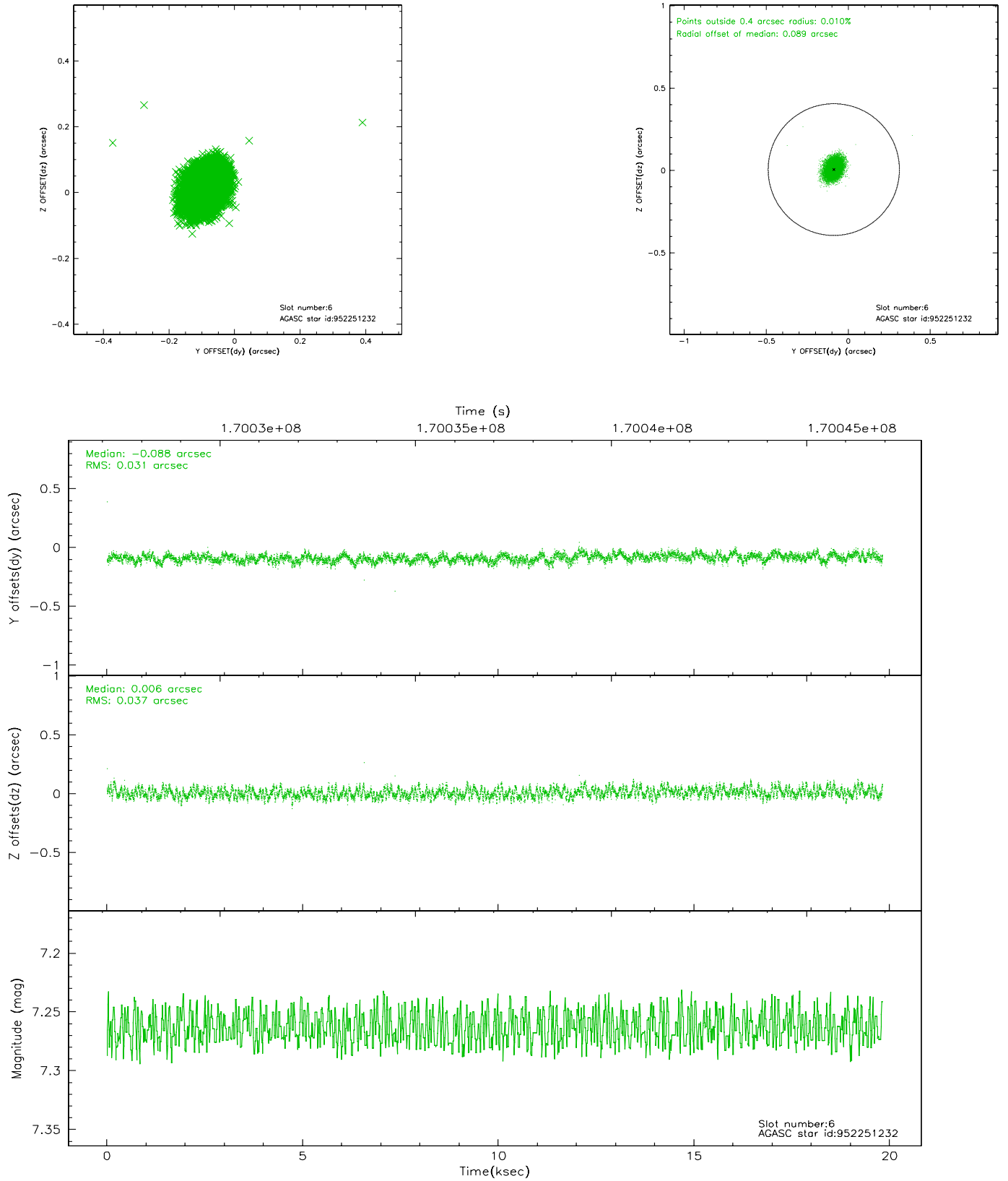
2.4.1 Slot 3



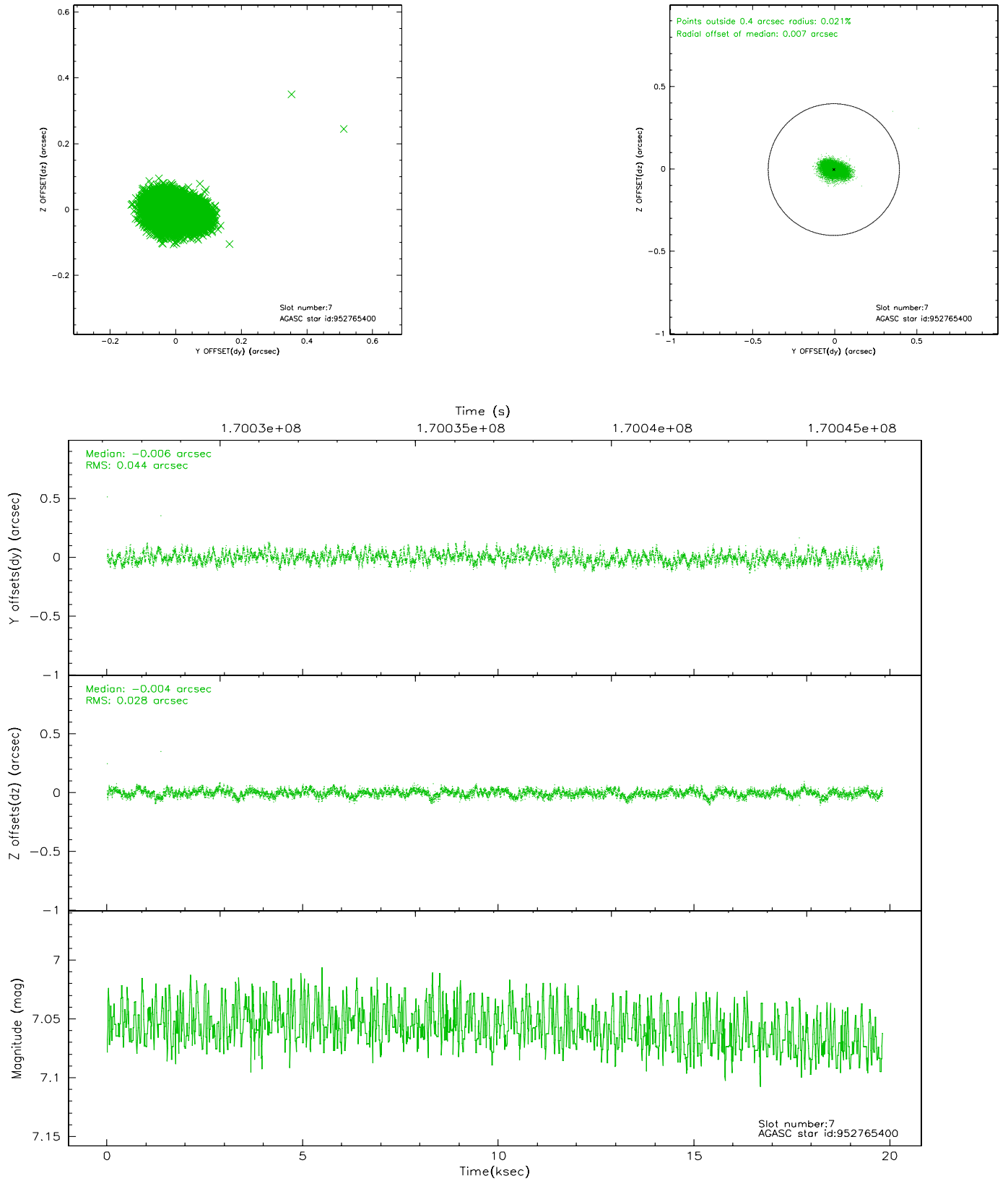
2.4.2 Slot 5



2.4.3 Slot 6

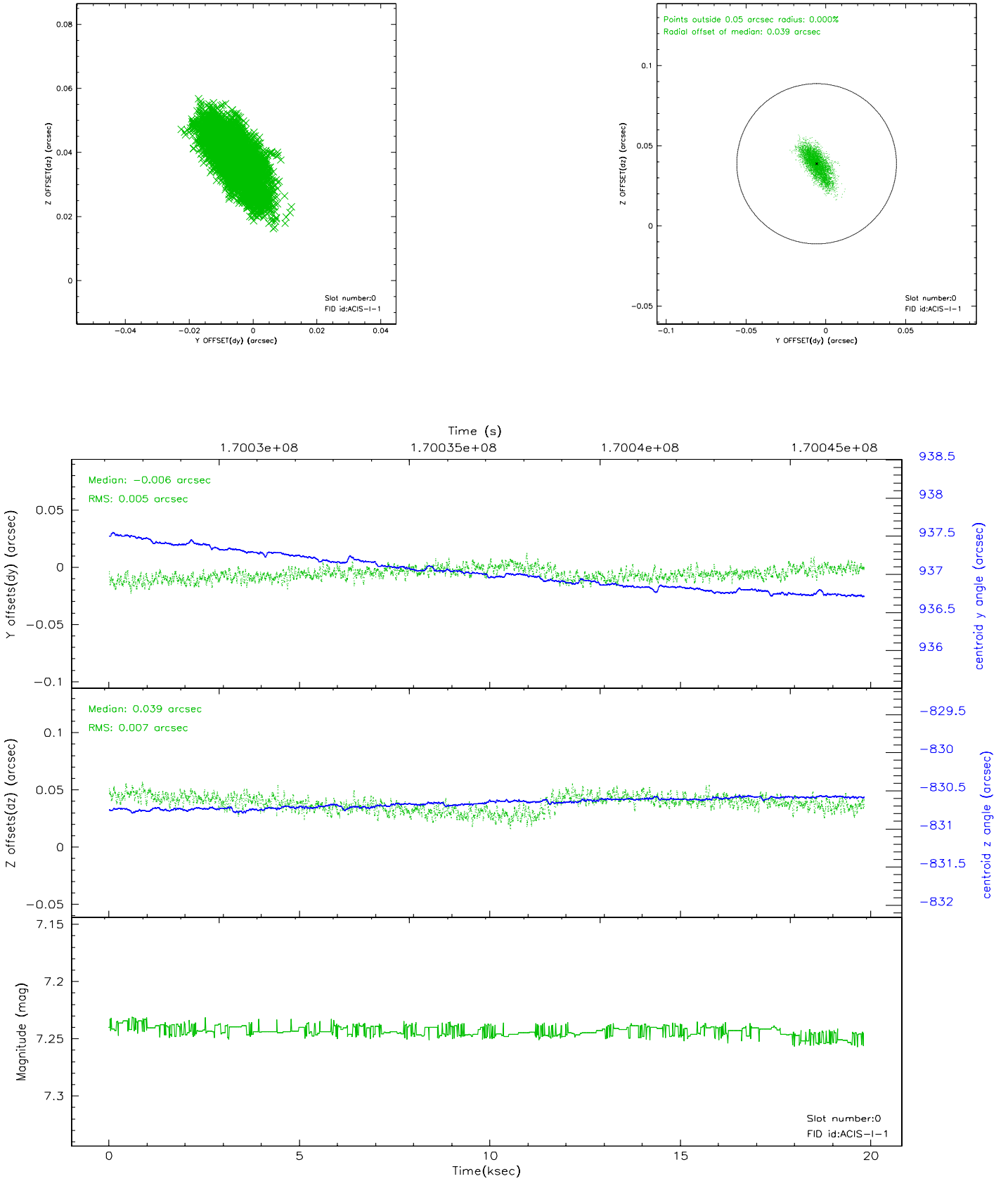


2.4.4 Slot 7

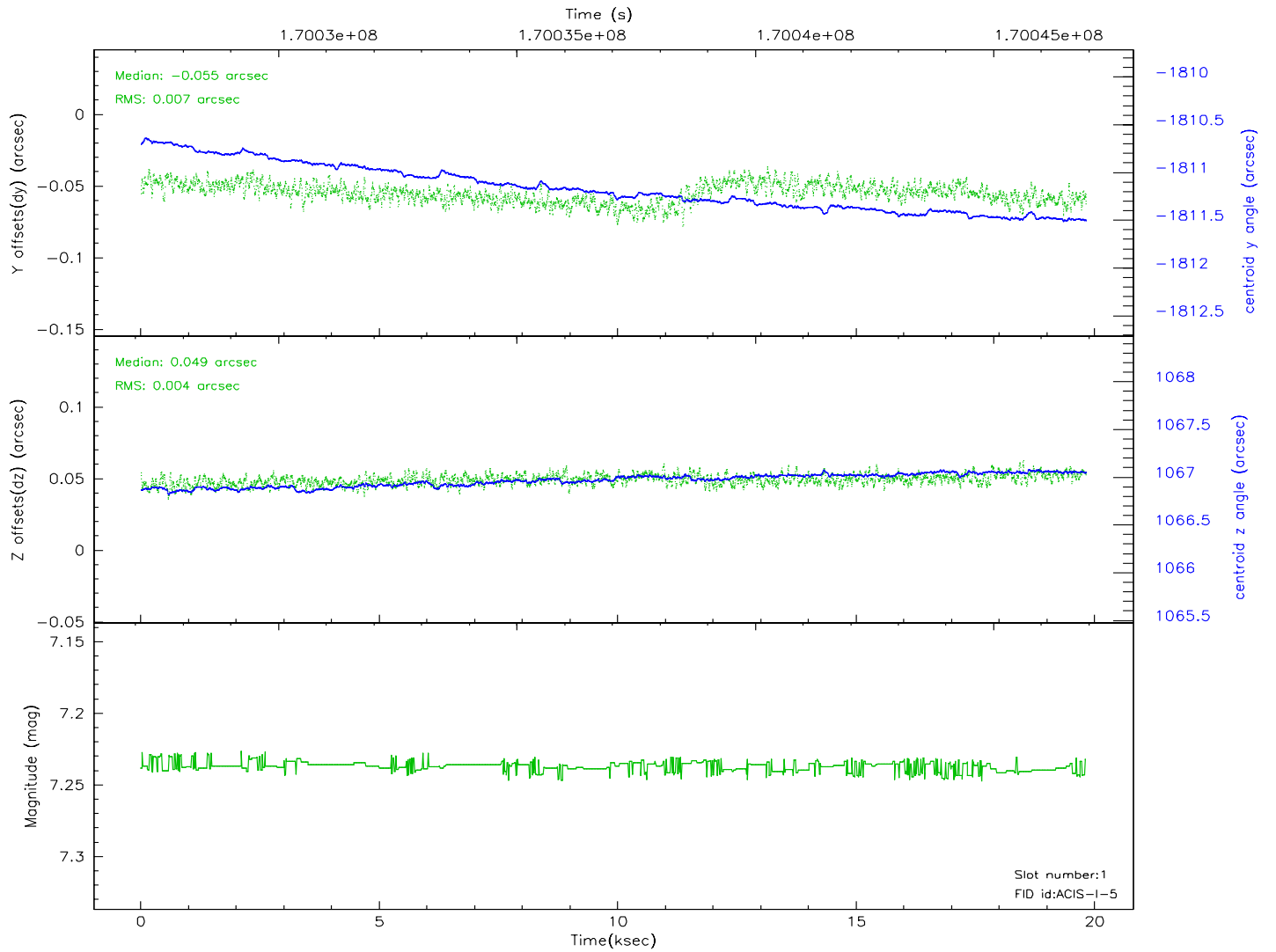
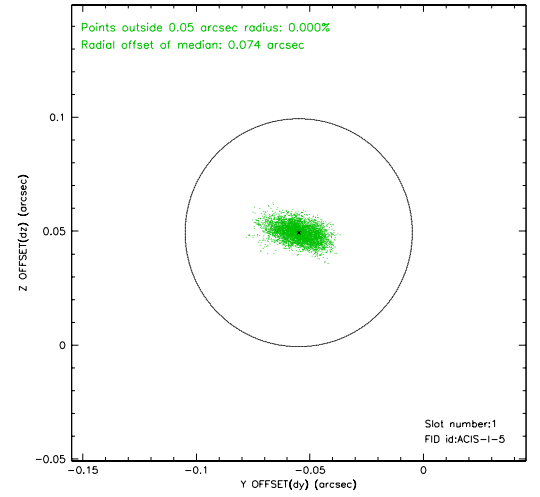
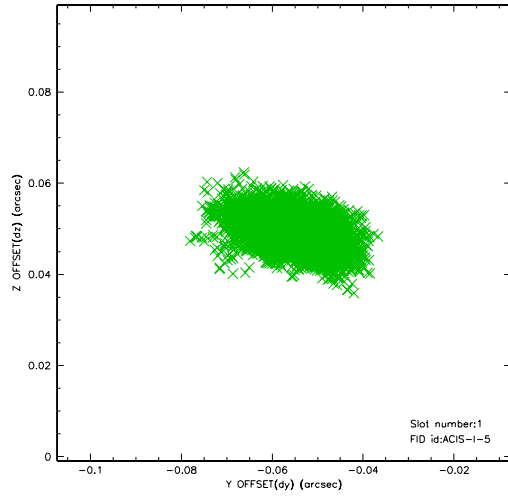


2.5 FID Slots

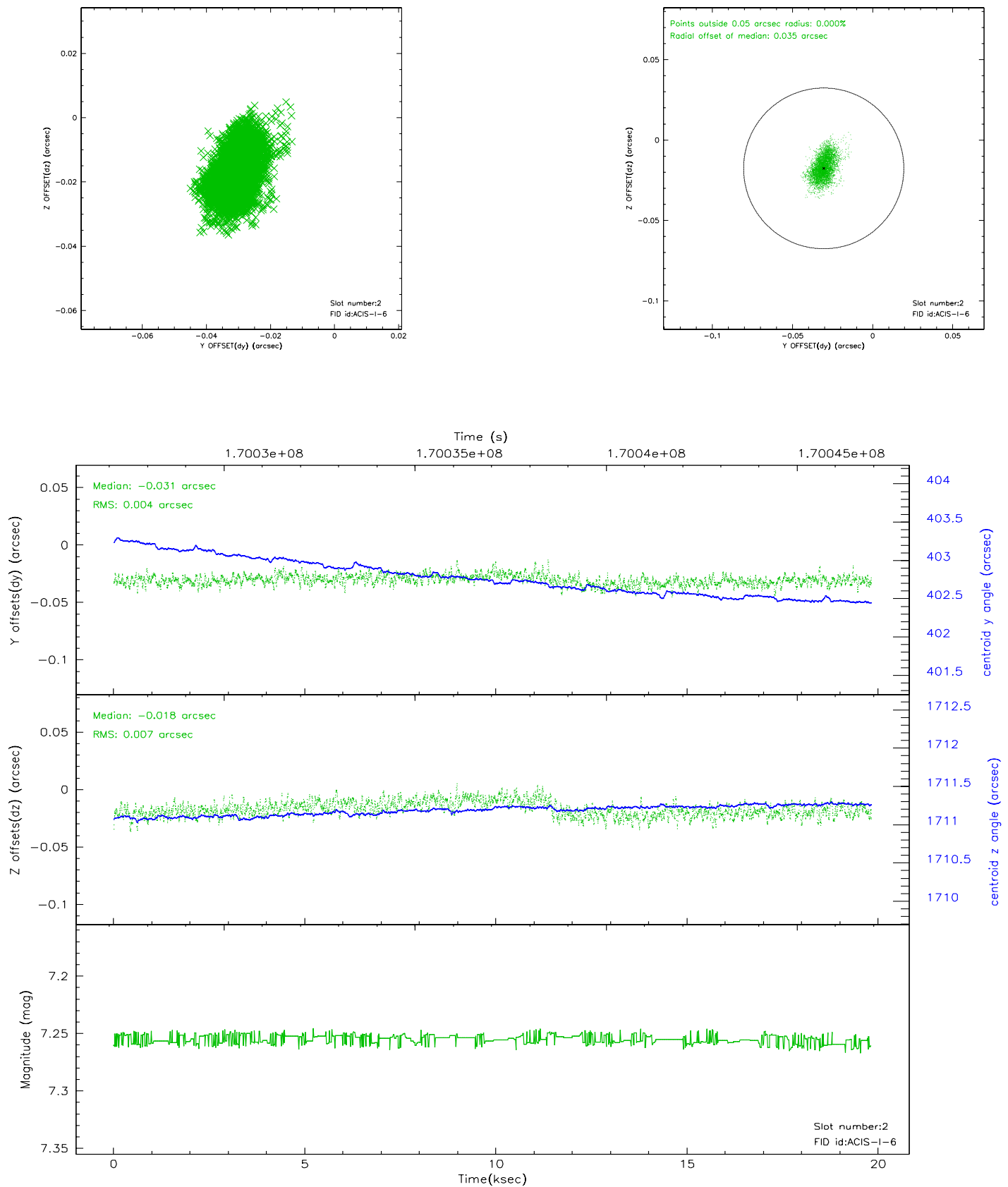
2.5.1 Slot 0



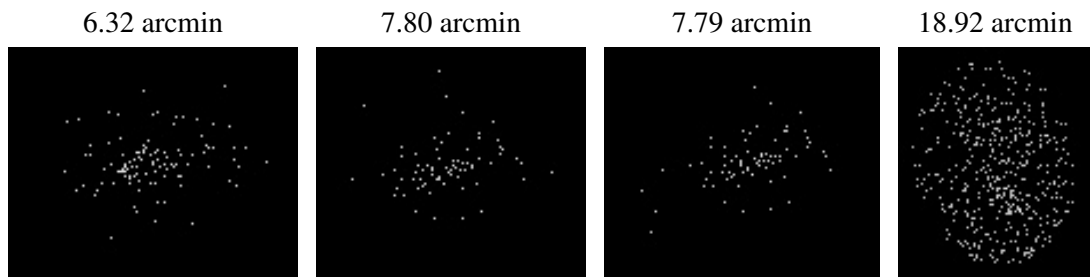
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	19.539

A.2 Comments

The guide star in slot 4 was manually excluded from the processing due to poor data quality.