

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 4077 - L2 Version 001
Chandra X-Ray Center

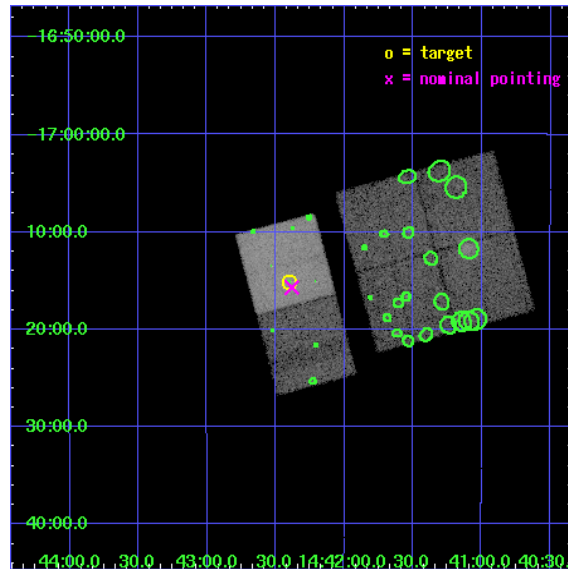
L2 Processing Date : Aug 10 2006

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1 Front

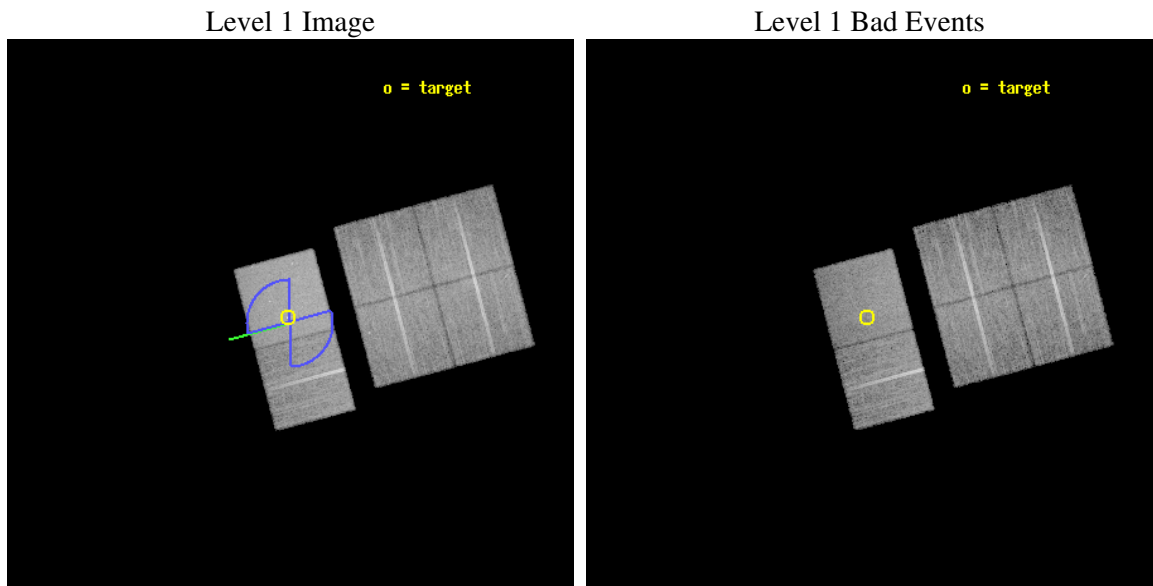
seq_num	700756
obs_id	4077
title	PROBING THE STRUCTURE OF THE NARROW-LINE REGION IN SEYFERT GALAXIES WITH CXO IMAGING SPECTROSCOPY
observer	PROF. STEVEN KRAEMER
object	NGC 5728
dtcycle	0
cycle	P
ra_targ	220.599583
dec_targ	-17.253056
ra_nom	220.59531563519
dec_nom	-17.261826669933
roll_nom	255.15535375118
revision	2
ontime	18966.399929345
livetime	18726.235953244
ontime0	18959.917948872
ontime1	18966.399929345
ontime2	18966.399929345
ontime3	18966.399929345
ontime6	18966.399929345
ontime7	18966.399929345
l2events	149870



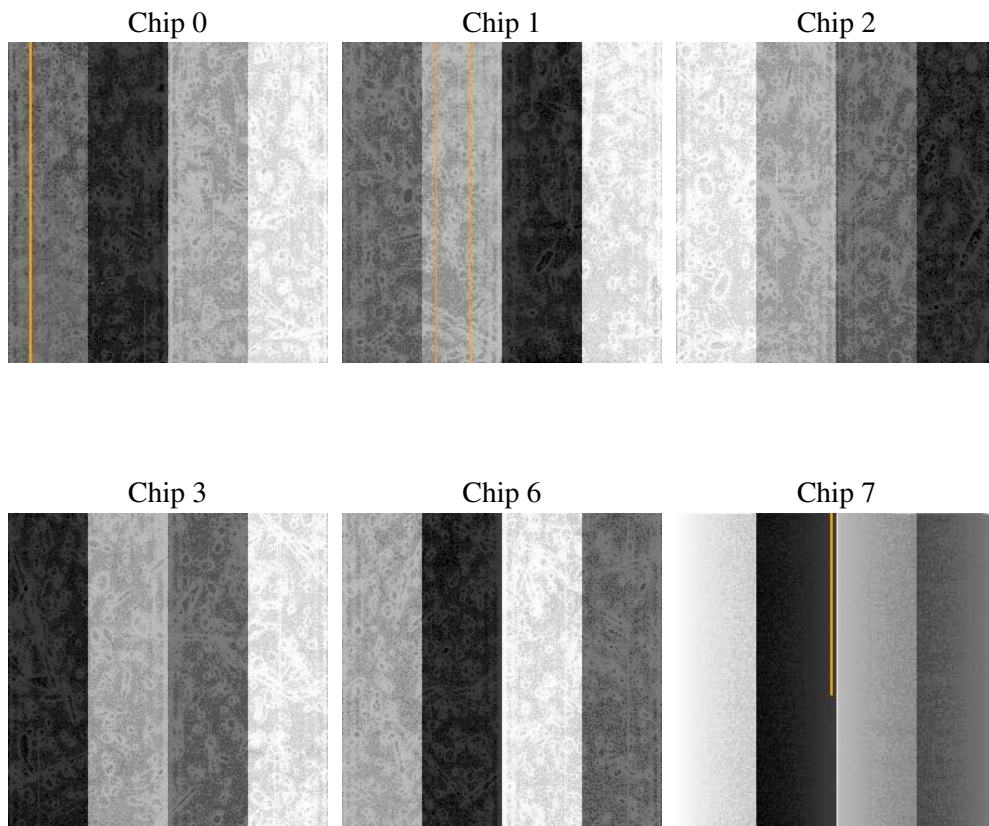
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-10T04:21:36
revision	2

sched_exp_time	19000.000000
ontime	18969.614636749
ontime0	18963.132656276
ontime1	18969.614616871
ontime2	18969.614636749
ontime3	18969.614636749
ontime6	18969.614616871
ontime7	18969.614636749
l1events	712985

2.1.4 Events

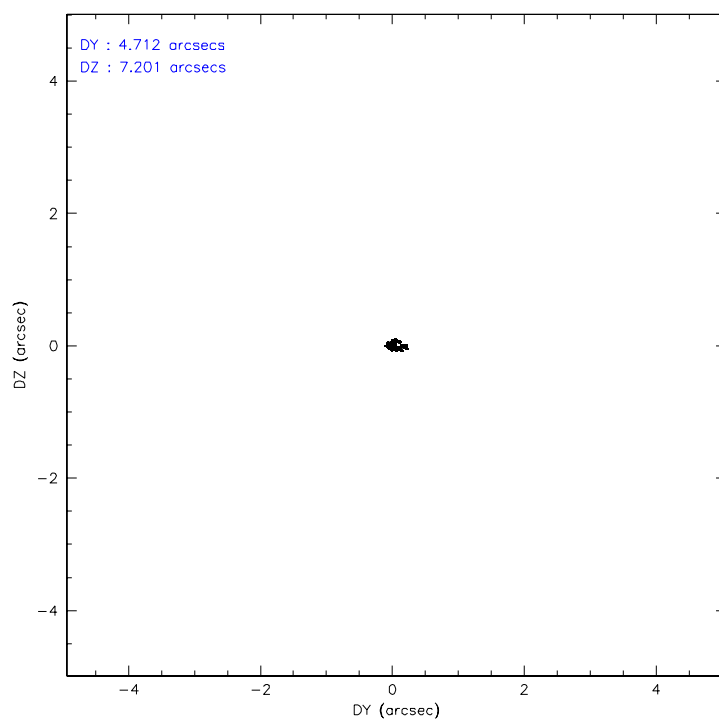
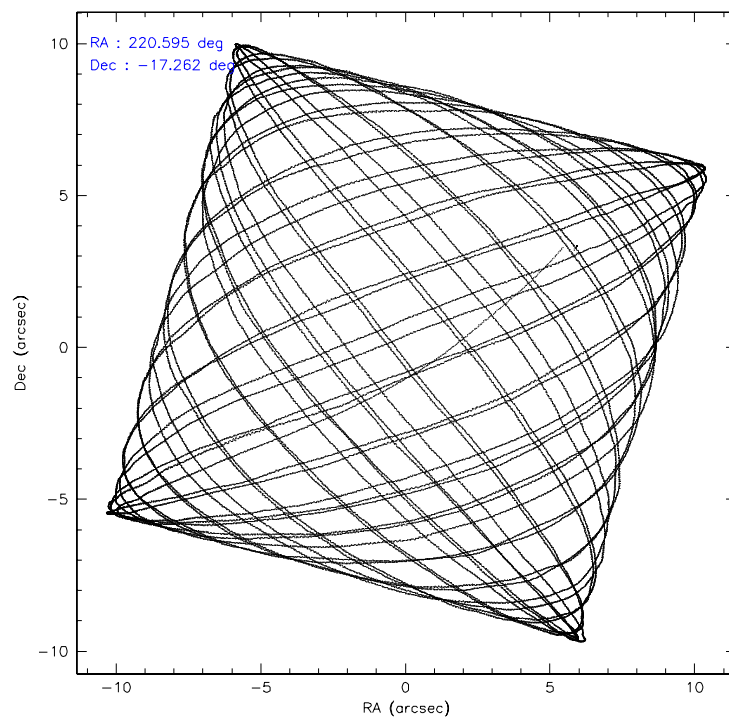
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	109953	105786	107987	110619	115562	163078
rejected events	90675	87289	90380	93325	97143	92494
rejected %	82%	82%	83%	84%	84%	56%

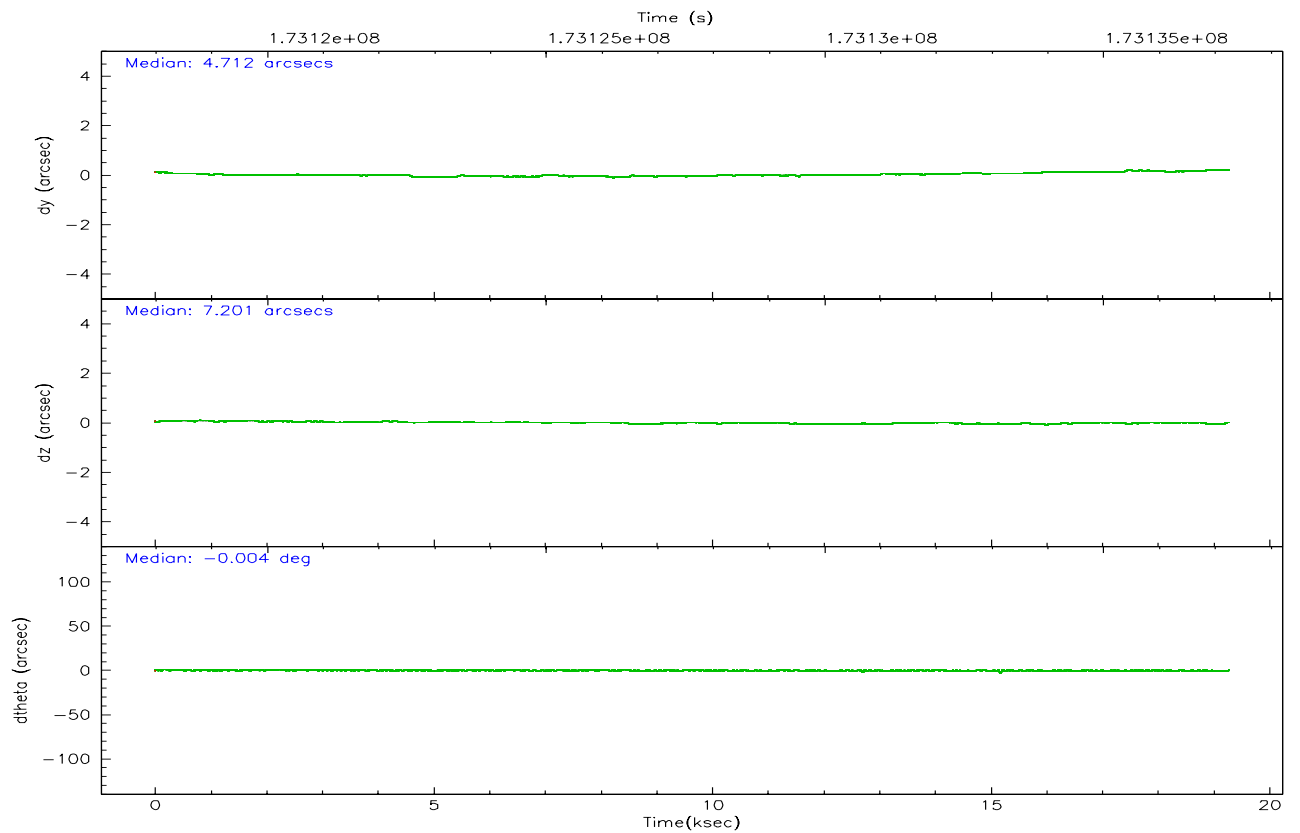
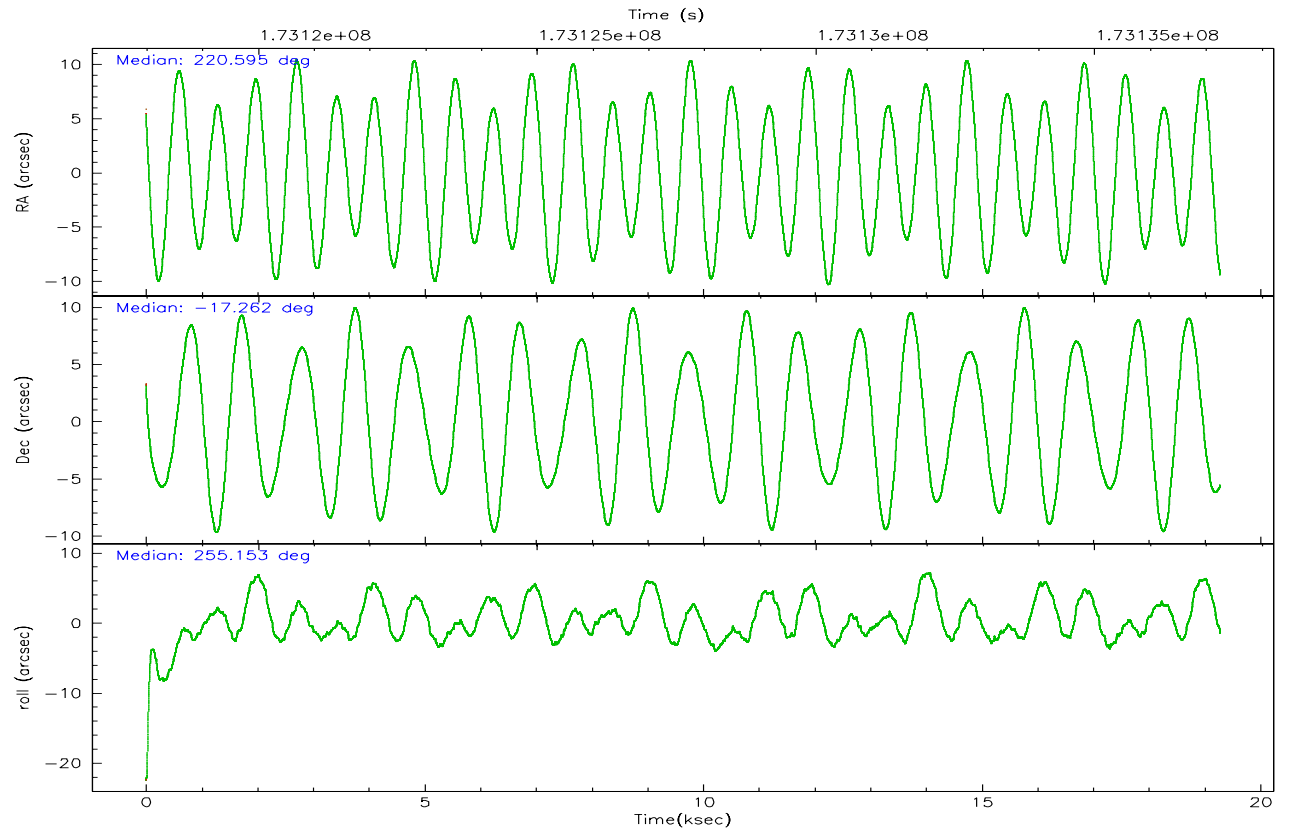
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	10443	9073	9667	9428	9408	5282
	9%	8%	8%	8%	8%	3%
grade 1 events	72	58	63	82	63	78
	0%	0%	0%	0%	0%	0%
grade 2 events	3410	3585	2903	2747	3275	16601
	3%	3%	2%	2%	2%	10%
grade 3 events	1496	1491	1372	1340	1449	3789
	1%	1%	1%	1%	1%	2%
grade 4 events	1381	1519	1385	1412	1422	3710
	1%	1%	1%	1%	1%	2%
grade 5 events	4567	4667	4234	4731	4974	10048
	4%	4%	3%	4%	4%	6%
grade 6 events	2550	2830	2283	2369	2865	41209
	2%	2%	2%	2%	2%	25%
grade 7 events	86034	82563	86080	88510	92106	82361
	78%	78%	79%	80%	79%	50%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	220.587484	220.5953156351902	Alternating exposures requested	N	N
Pointing Dec	-17.235636	-17.26182666993336	Primary exposure time	0.000000	3.2
Pointing Roll	254.996409	255.155353751178			
Roll angle	307.000000	307.000000			
Roll tolerance	52.000000	52.000000			
Roll constraint allows 180D rotation	Y	Y			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	173118256.184000	173117249.22715			
Observation start date	2003-06-27T16:23:12	2003-06-27T16:07:29			
Observation end time	173137256.184000	173138321.69054			
Observation end date	2003-06-27T21:39:52	2003-06-27T21:58:41			
Read mode	TIMED	TIMED			

2.3 Aspect



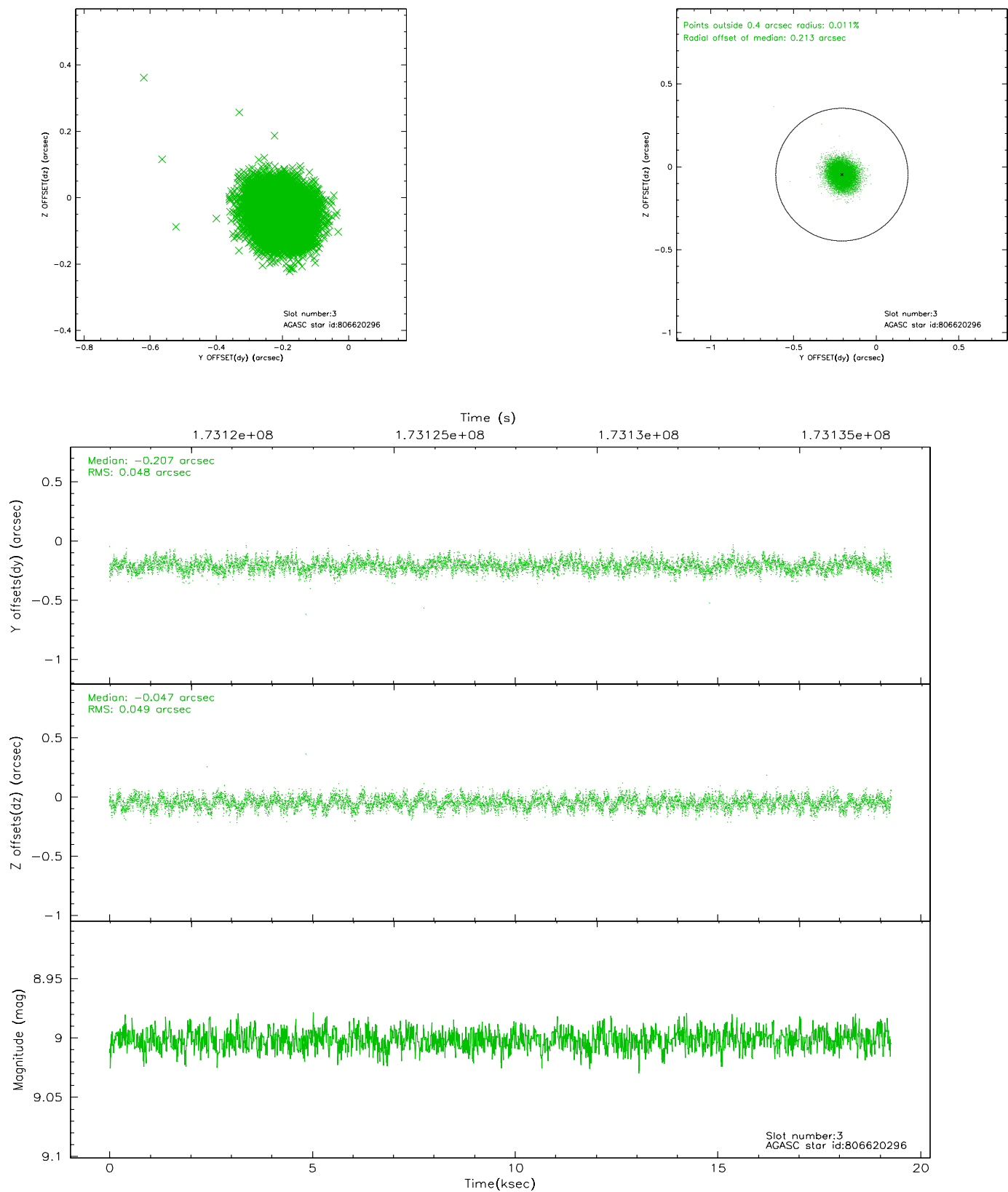


Slot Statistics

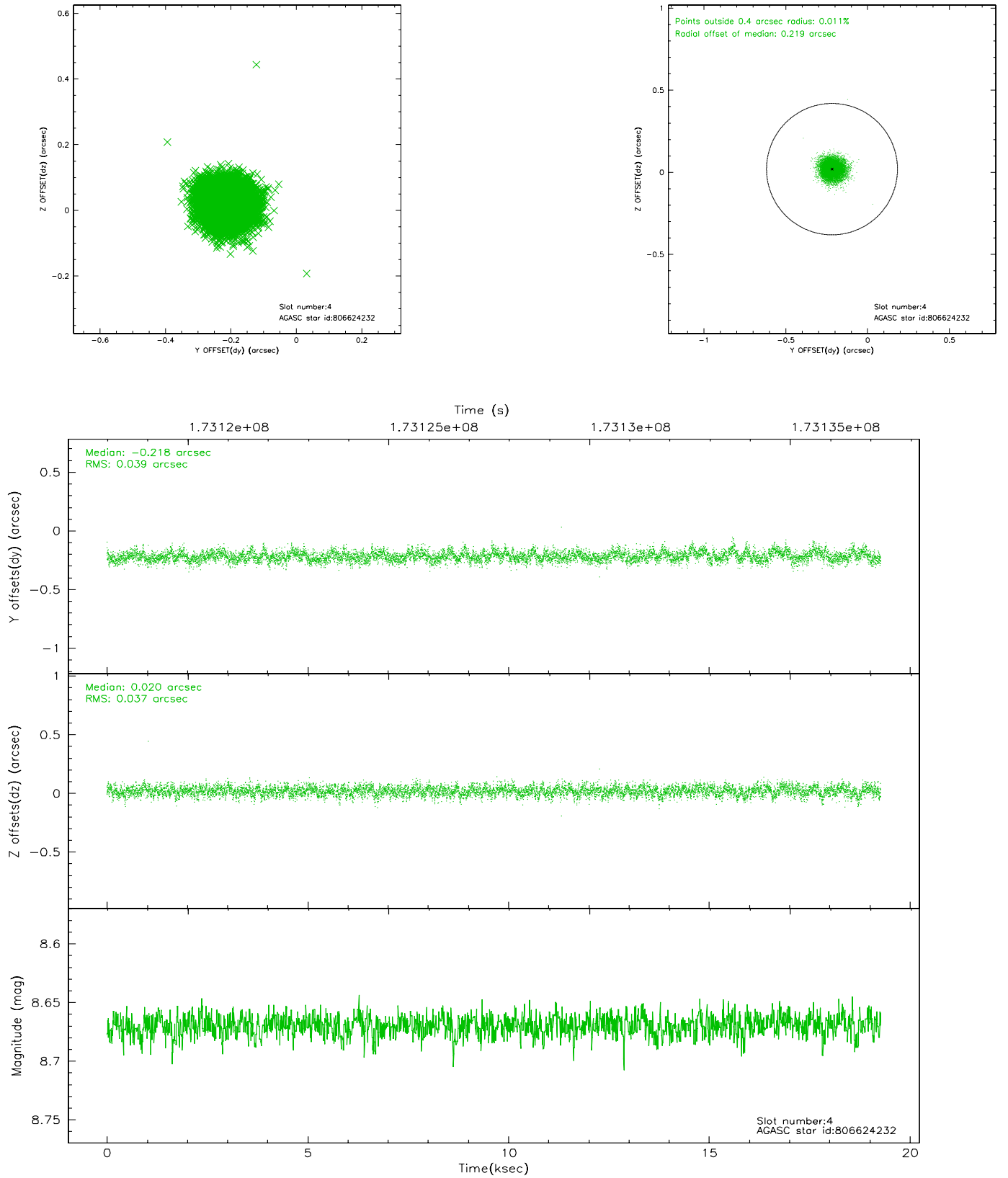
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4703	-0.021	-0.004	0.007	0.011	0.000000	0.000000	-757.46	-1728.32
1	FID	ACIS-S-4	7.20	4702	0.040	0.011	0.005	0.009	0.000000	0.000000	2155.80	179.95
2	FID	ACIS-S-5	7.23	4702	-0.051	0.002	0.006	0.010	0.000000	0.000000	-1810.06	173.86
3	GUIDE	806620296	9.00	9402	-0.207	-0.047	0.074	0.116	220.441495	-16.602565	-2070.57	-1076.43
4	GUIDE	806624232	8.67	9402	-0.218	0.020	0.058	0.093	220.611245	-16.597705	-2239.55	-515.32
5	GUIDE	807021208	8.56	9404	0.024	-0.030	0.059	0.096	219.999524	-17.450421	1272.82	-1749.20
6	GUIDE	807144088	9.07	9398	0.175	-0.013	0.073	0.122	220.566642	-17.822880	2061.15	478.42
7	GUIDE	807145984	9.48	9393	0.222	0.066	0.119	0.193	220.136089	-17.785590	2315.62	-981.31

2.4 Star Slots

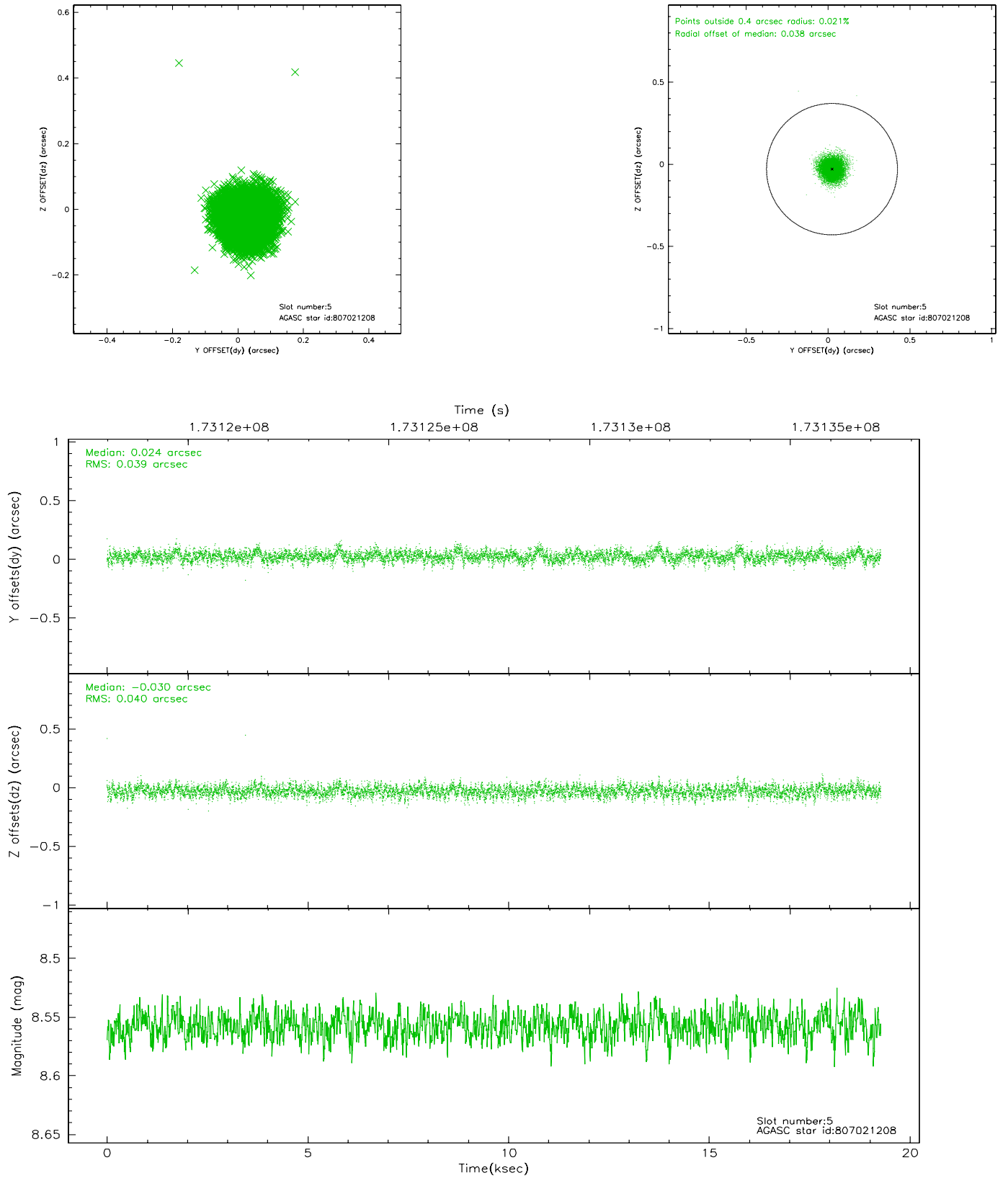
2.4.1 Slot 3



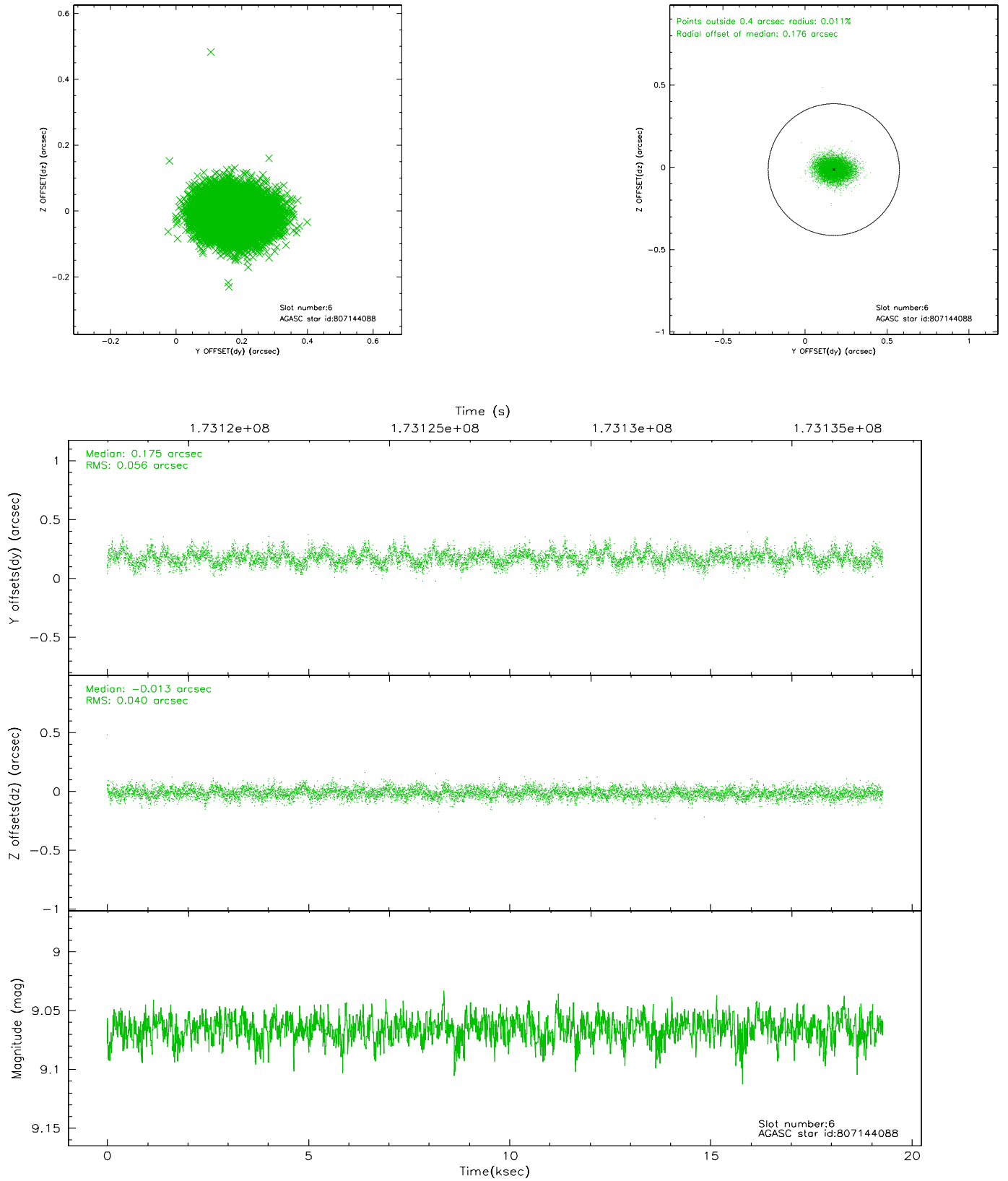
2.4.2 Slot 4



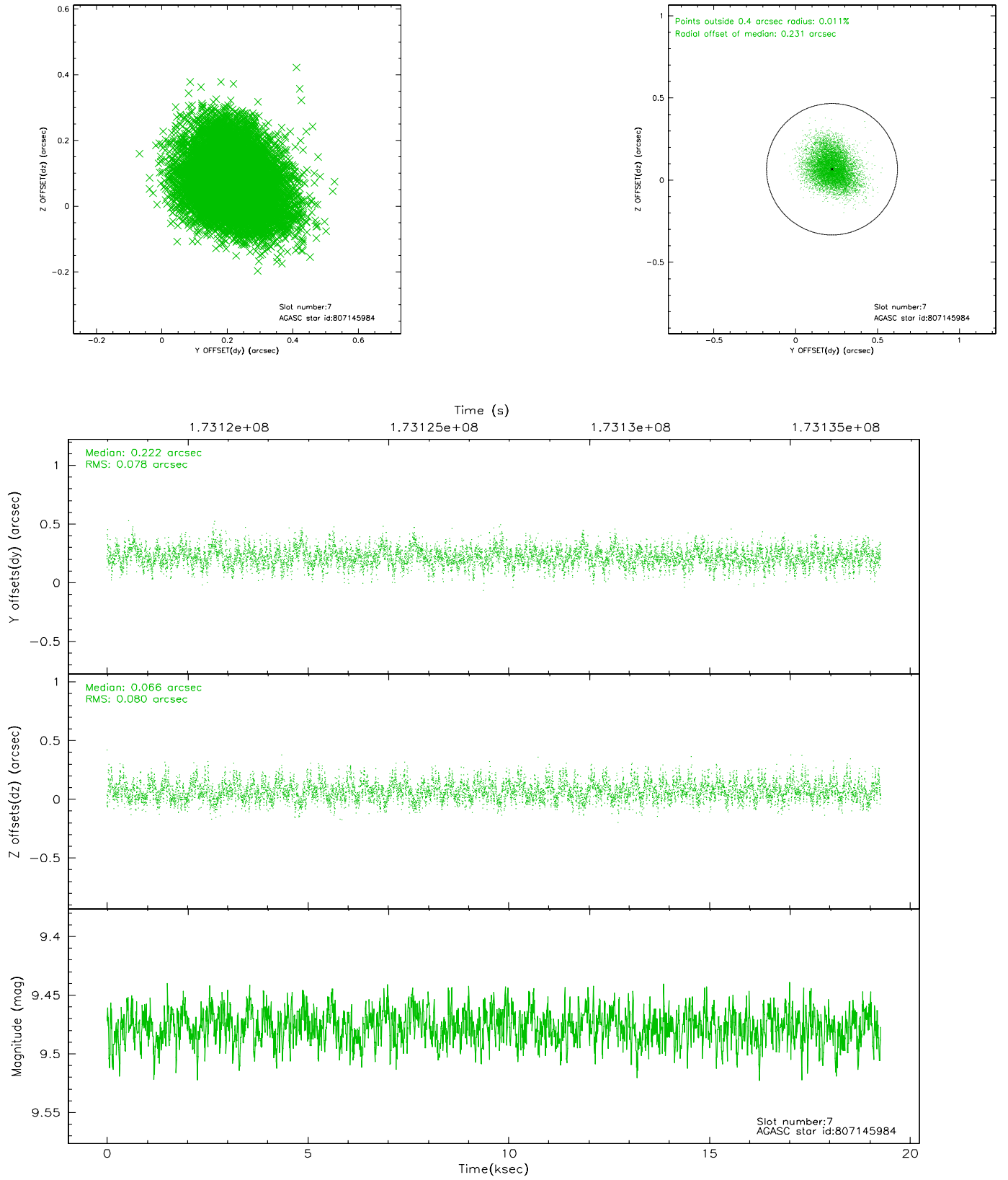
2.4.3 Slot 5



2.4.4 Slot 6

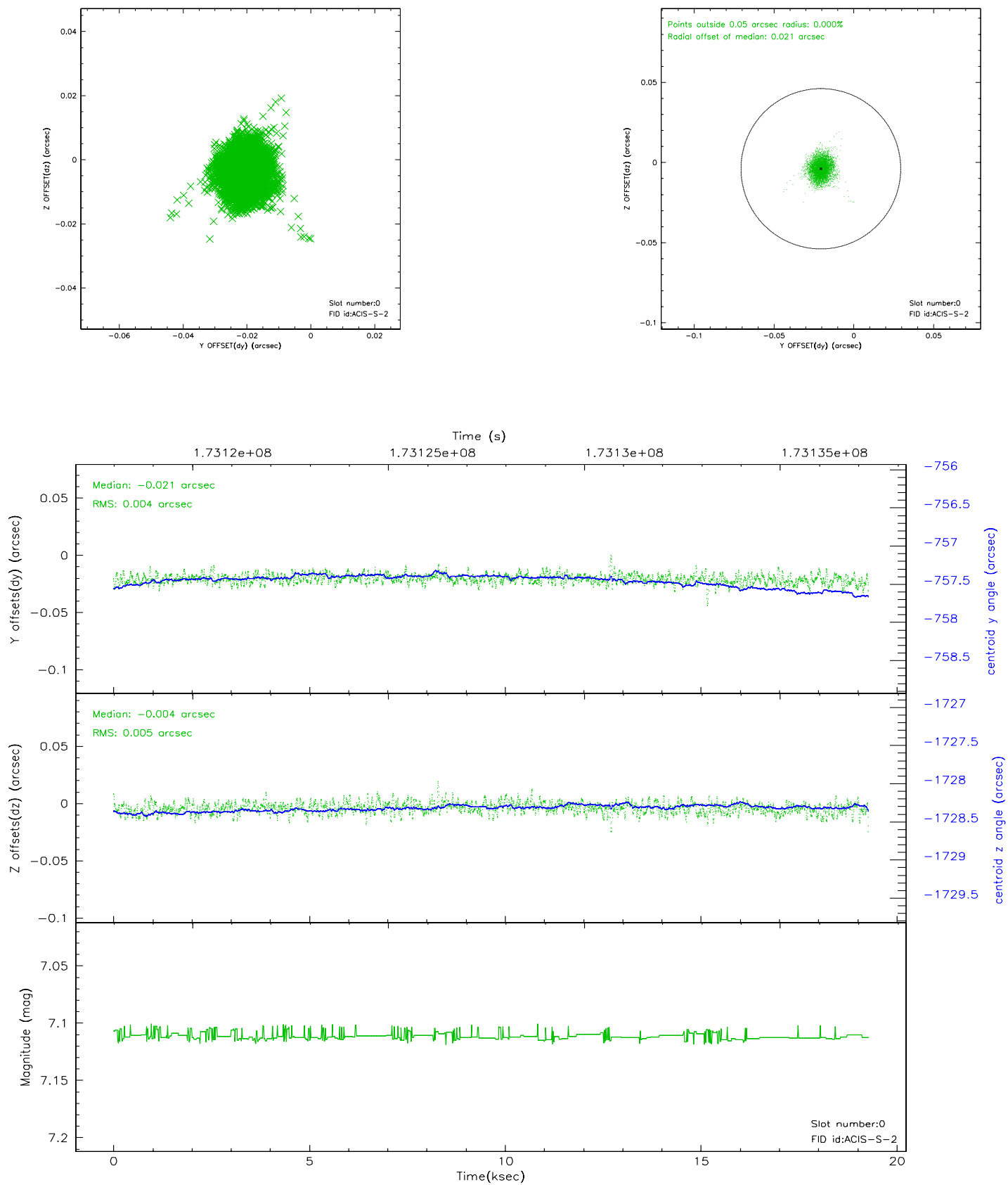


2.4.5 Slot 7

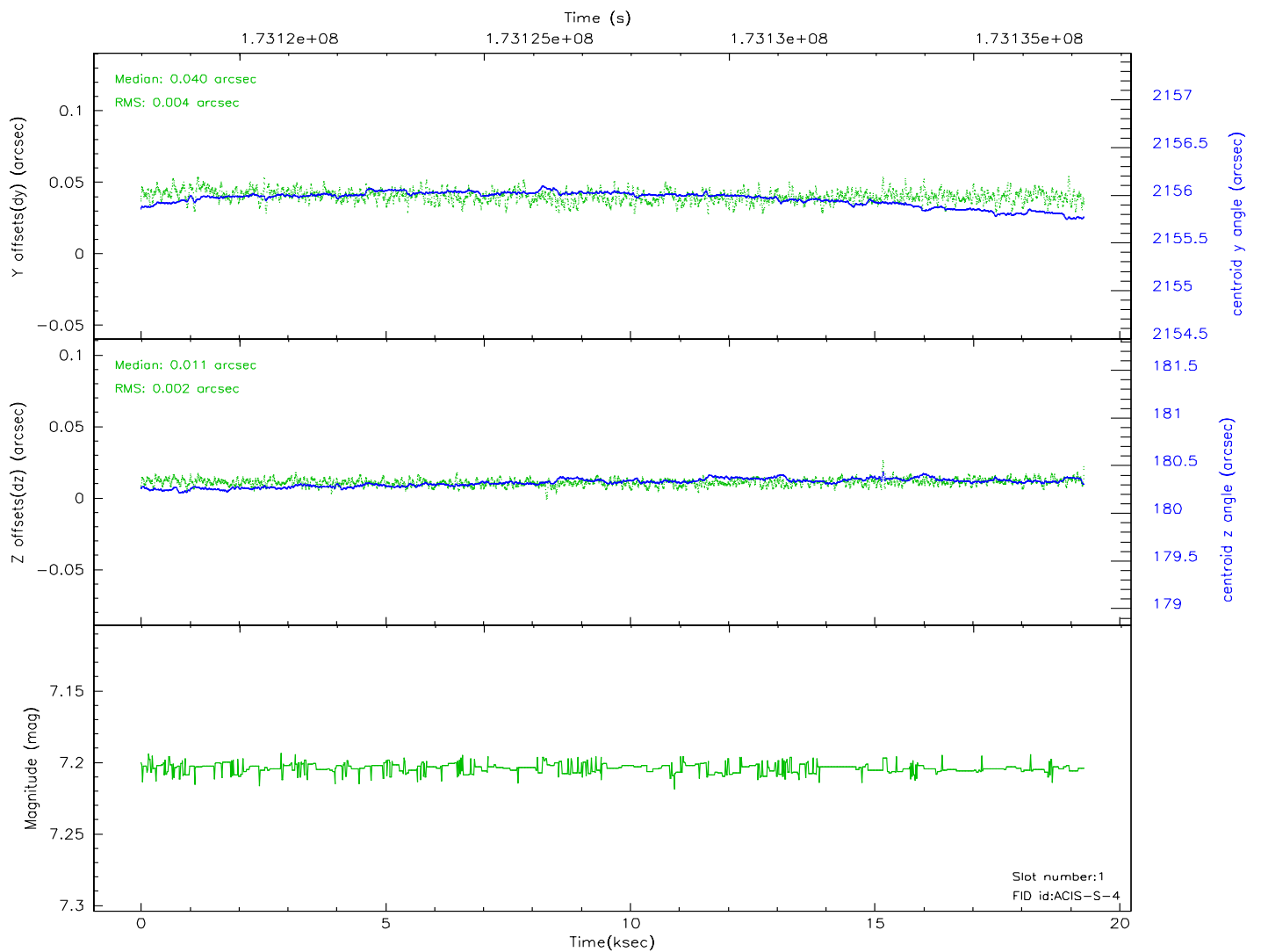
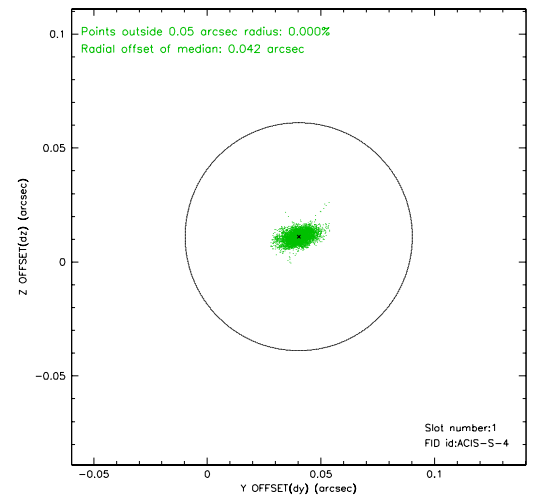
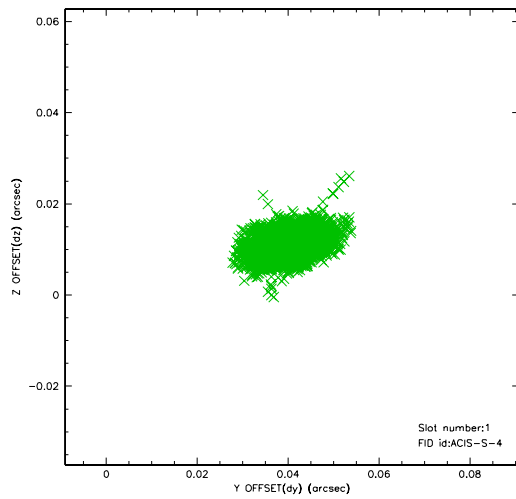


2.5 FID Slots

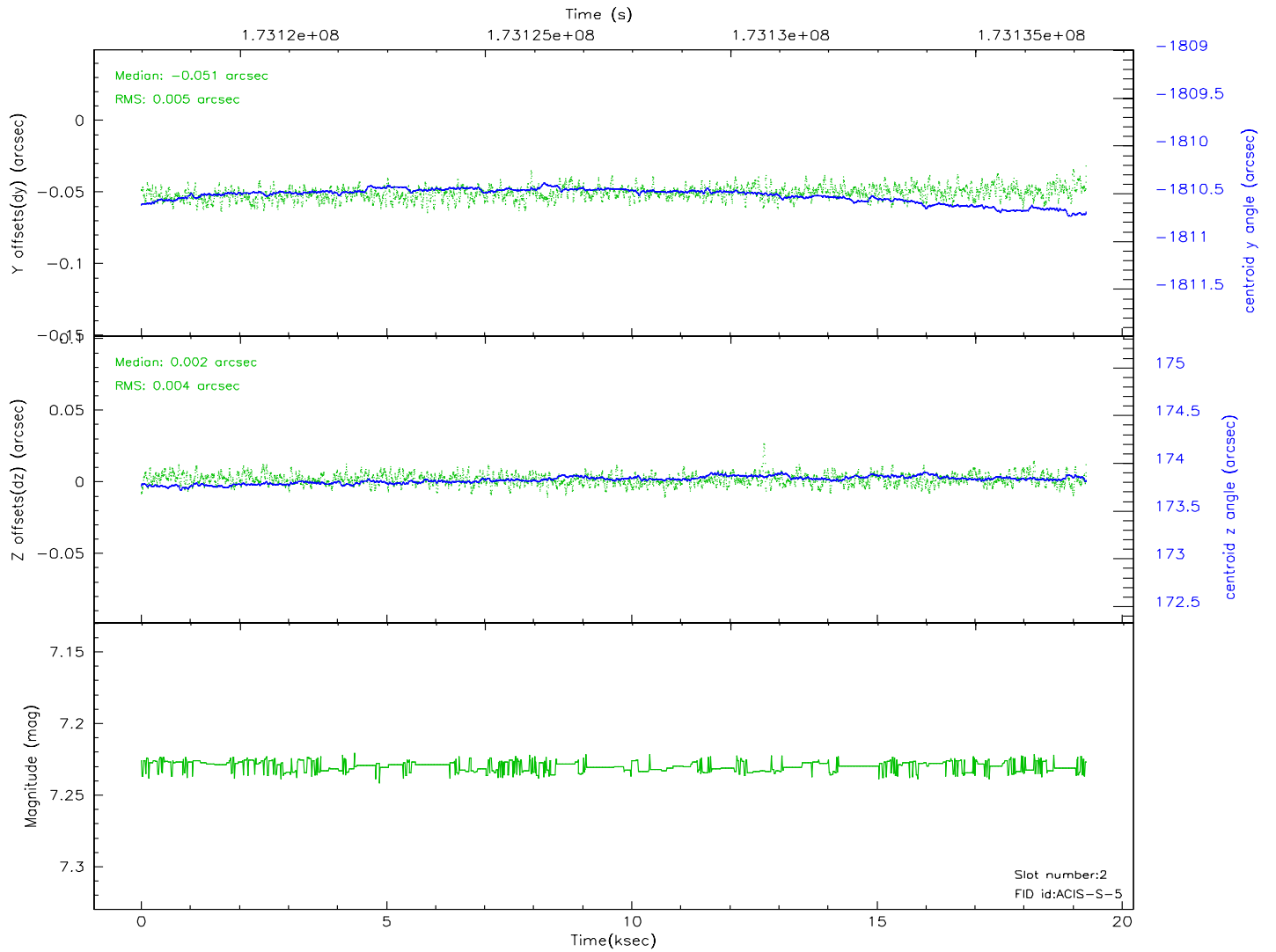
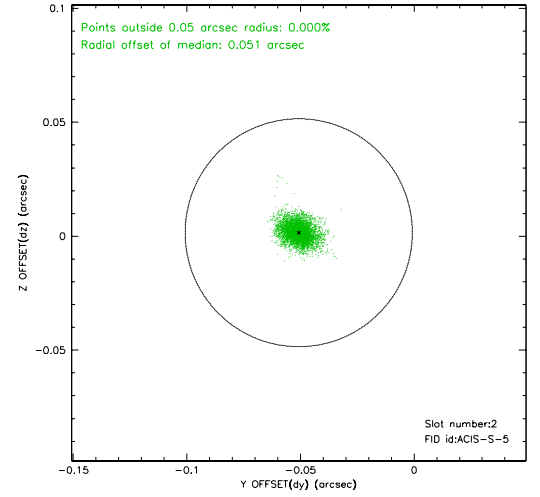
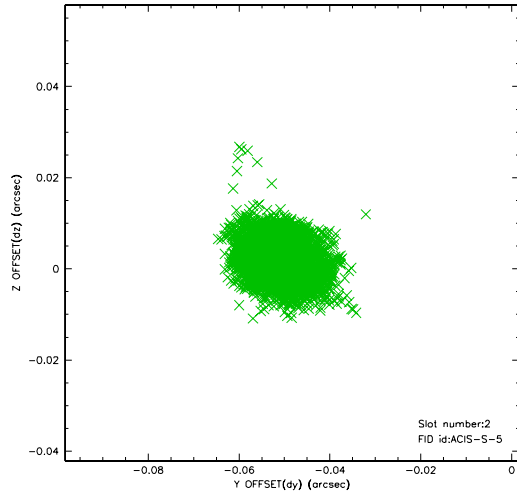
2.5.1 Slot 0



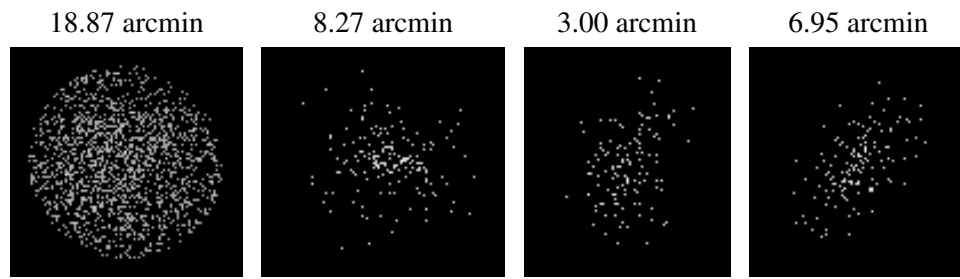
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.966

A.2 Comments

Roll constraint met.