

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5016 - L2 Version 001
Chandra X-Ray Center

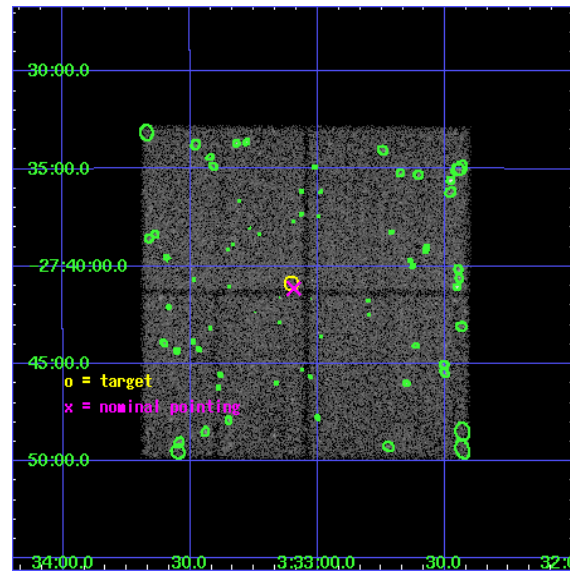
L2 Processing Date : May 31 2006

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1 Front

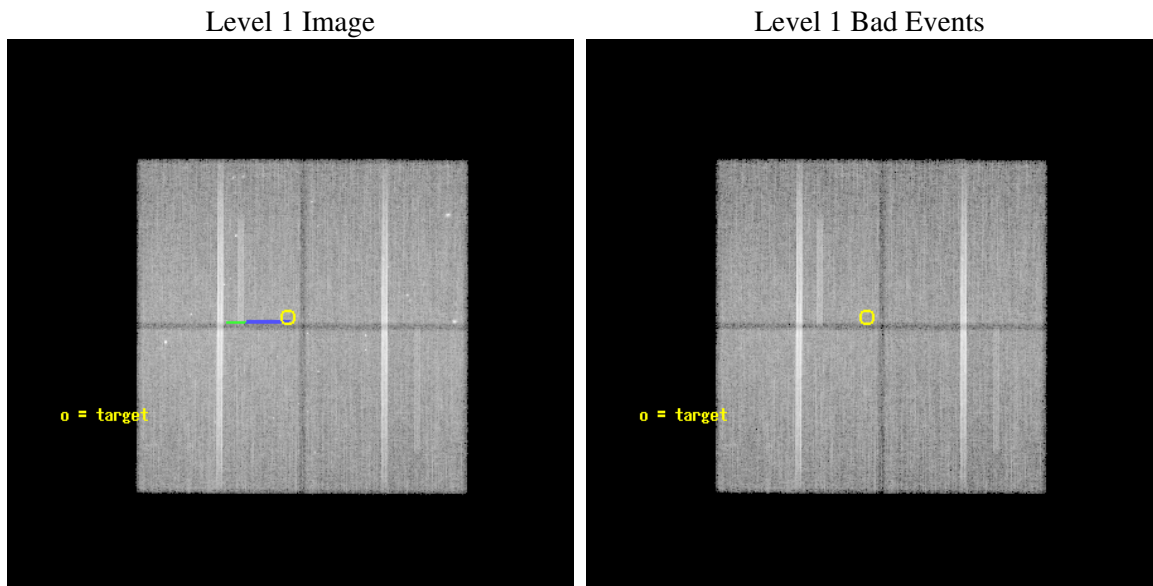
seq_num	900326
obs_id	5016
title	The Extended Chandra Deep Field-South Survey: A Public Chandra Legacy
observer	Prof. William Brandt
object	Extended CDF-S #1
dtcycle	0
cycle	P
ra_targ	53.275417
dec_targ	-27.681528
ra_nom	53.273387600804
dec_nom	-27.685799713995
roll_nom	270.20775091703
revision	3
ontime	78206.758879364
livetime	77184.929999626
ontime0	78203.617909163
ontime1	78209.899849623
ontime2	78197.335958749
ontime3	78206.758879364
l2events	130533



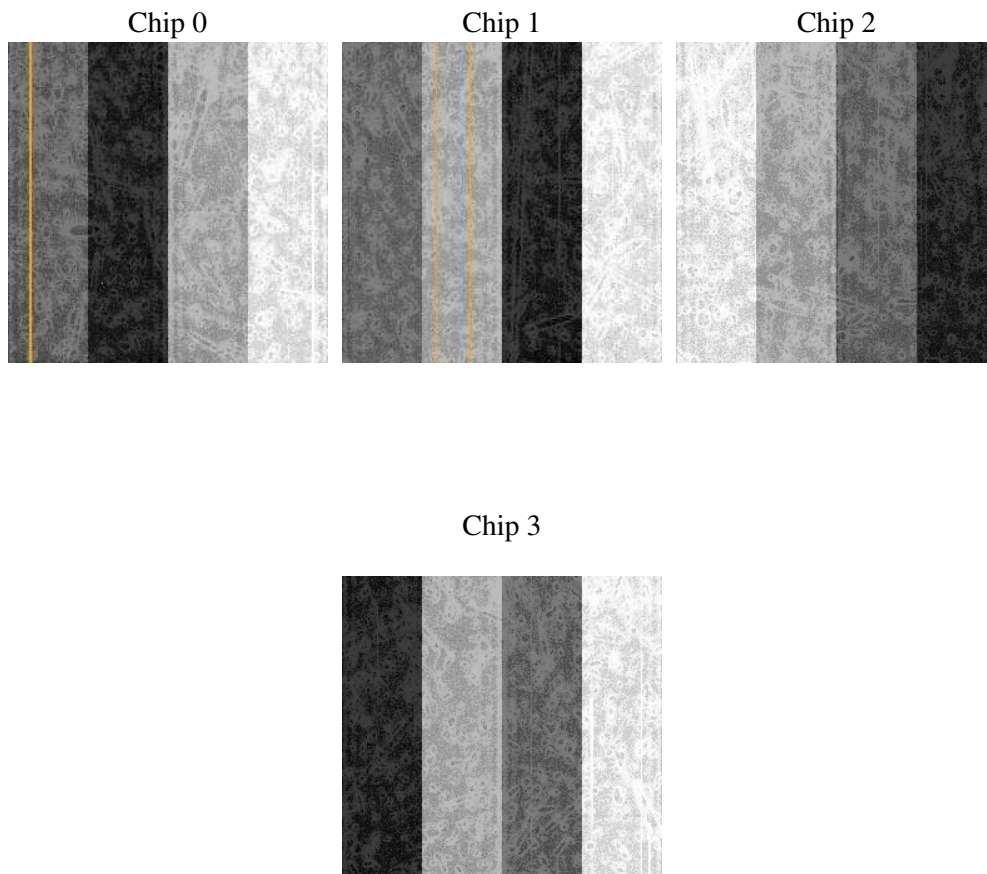
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-31T16:24:22
revision	3

sched_exp_time	77966.000000
ontime	78210.958768696
ontime0	78207.817798495
ontime1	78214.099738955
ontime2	78201.535848081
ontime3	78210.958768696
l1events	1563555

2.1.4 Events

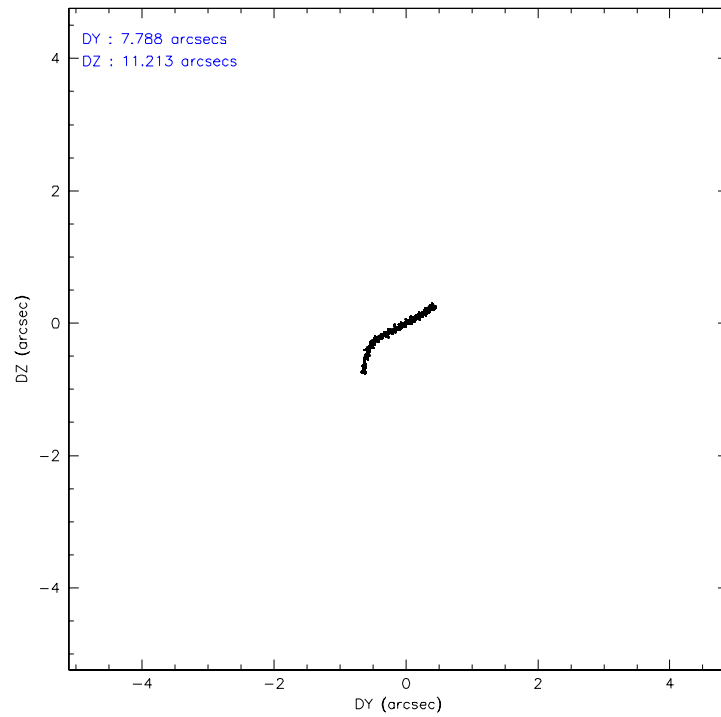
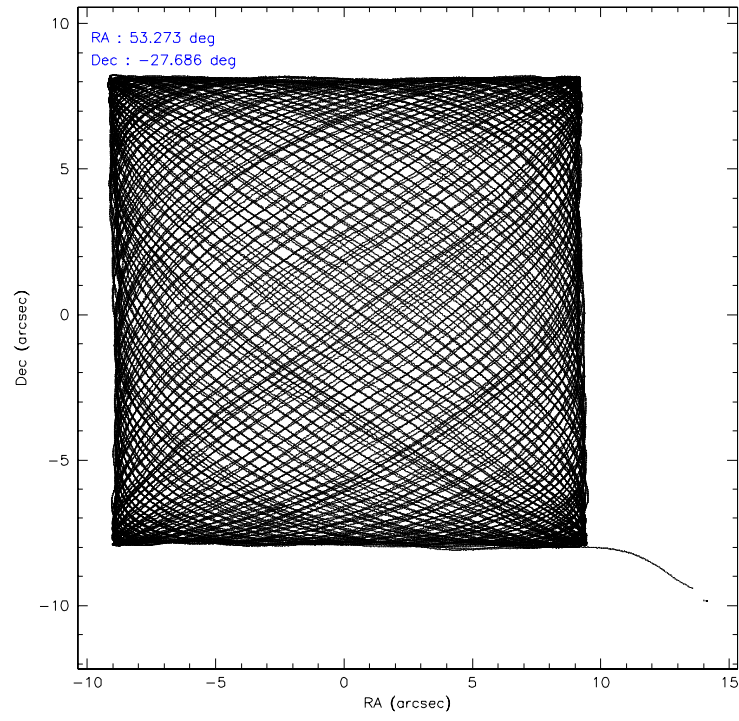
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	377786	375862	418090	391817
rejected events	337890	332770	378170	354662
rejected %	89%	88%	90%	90%

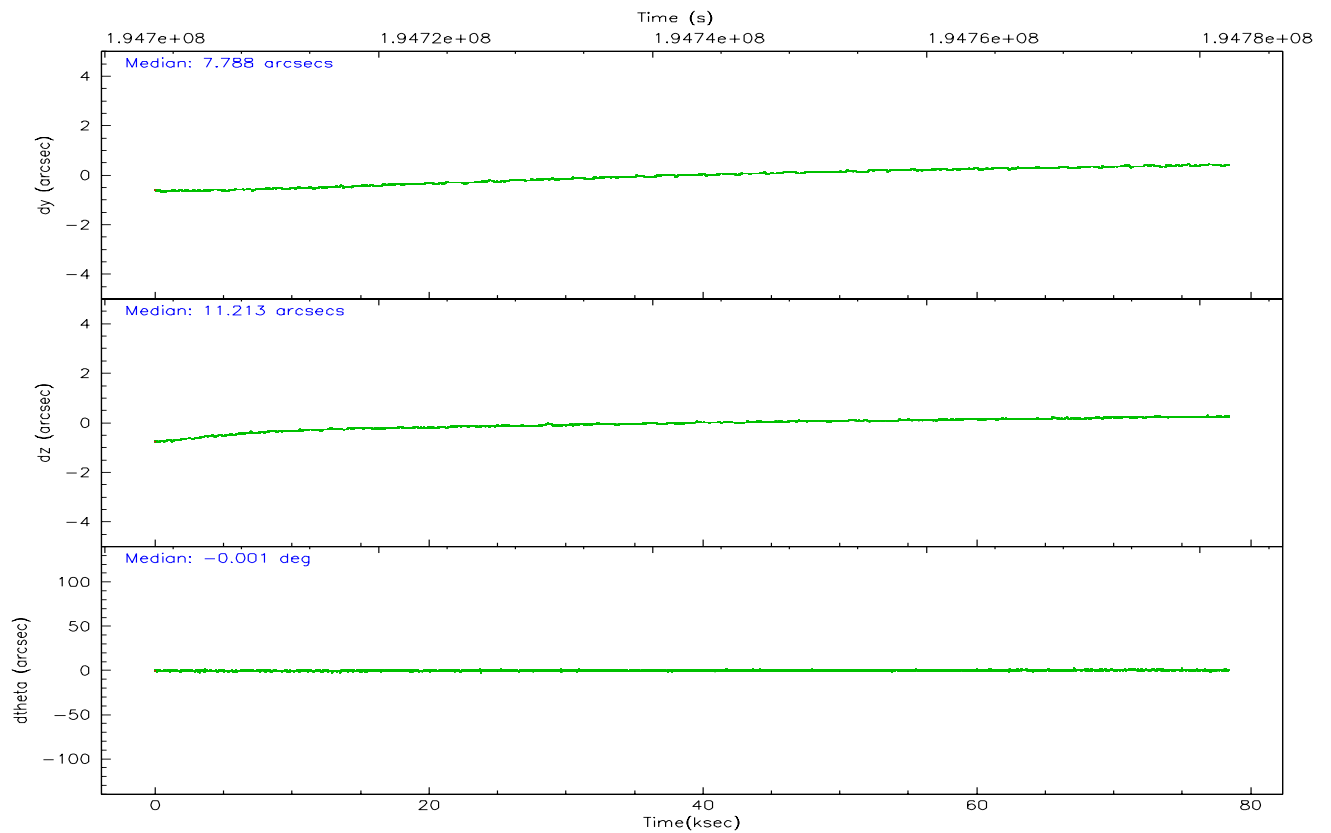
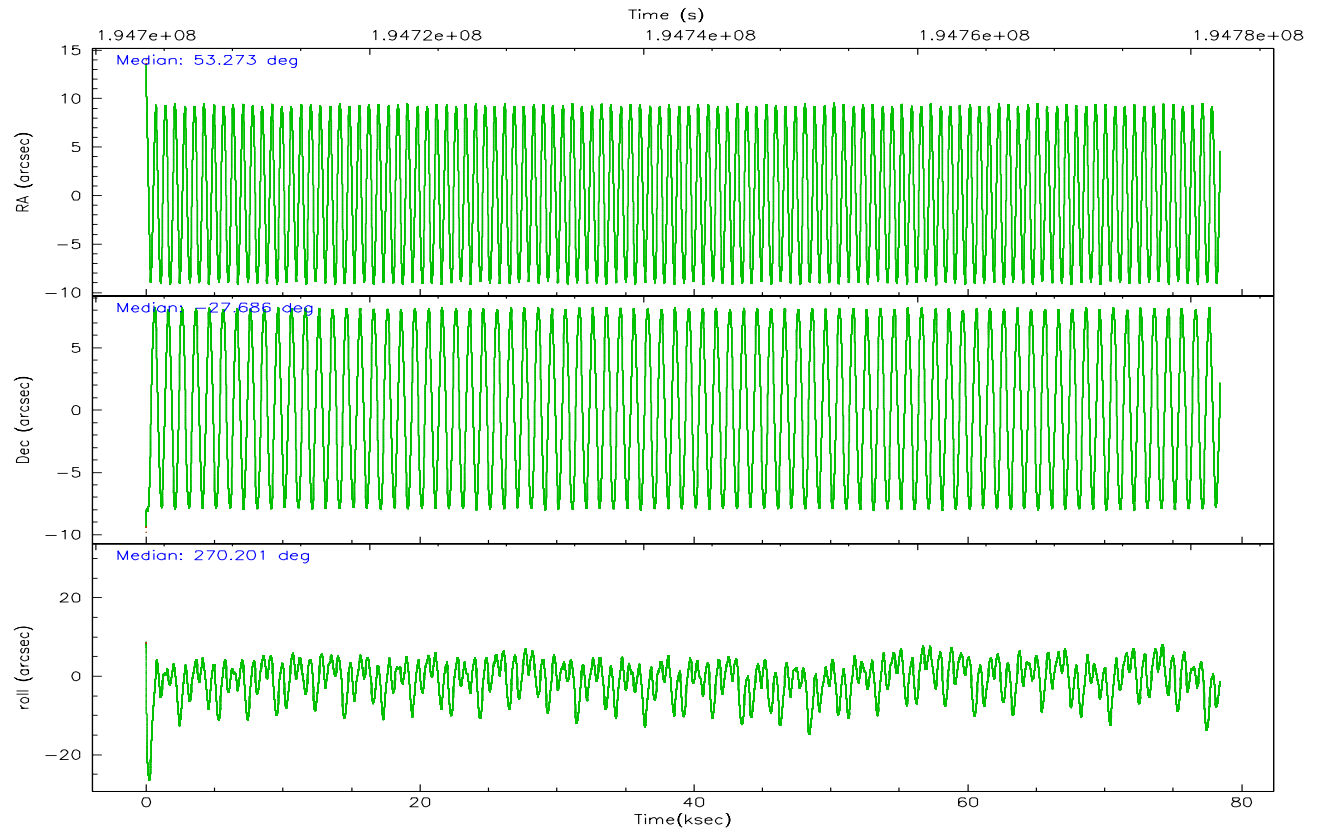
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	14173	15543	15210	13671
	3%	4%	3%	3%
grade 1 events	186	172	208	197
	0%	0%	0%	0%
grade 2 events	9475	9109	9071	7774
	2%	2%	2%	1%
grade 3 events	4775	5082	4418	4486
	1%	1%	1%	1%
grade 4 events	4380	4919	4568	4233
	1%	1%	1%	1%
grade 5 events	12181	13037	11506	13865
	3%	3%	2%	3%
grade 6 events	7093	8442	6655	6994
	1%	2%	1%	1%
grade 7 events	325523	319558	366454	340597
	86%	85%	87%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	53.257726	53.27338760080396	Alternating exposures requested	N	N
Pointing Dec	-27.662188	-27.68579971399521	Primary exposure time	0.000000	3.1
Pointing Roll	269.991784	270.2077509170253			
Roll angle	270.000000	270.000000			
Roll tolerance	2.000000	2.000000			
Roll constraint allows 180D rotation	N	N			
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	194704144.184000	194703042.39632			
Observation start date	2004-03-03T12:28:00	2004-03-03T12:10:42			
Observation end time	194782110.184000	194783064.14983			
Observation end date	2004-03-04T10:07:26	2004-03-04T10:24:24			
Read mode	TIMED	TIMED			

2.3 Aspect



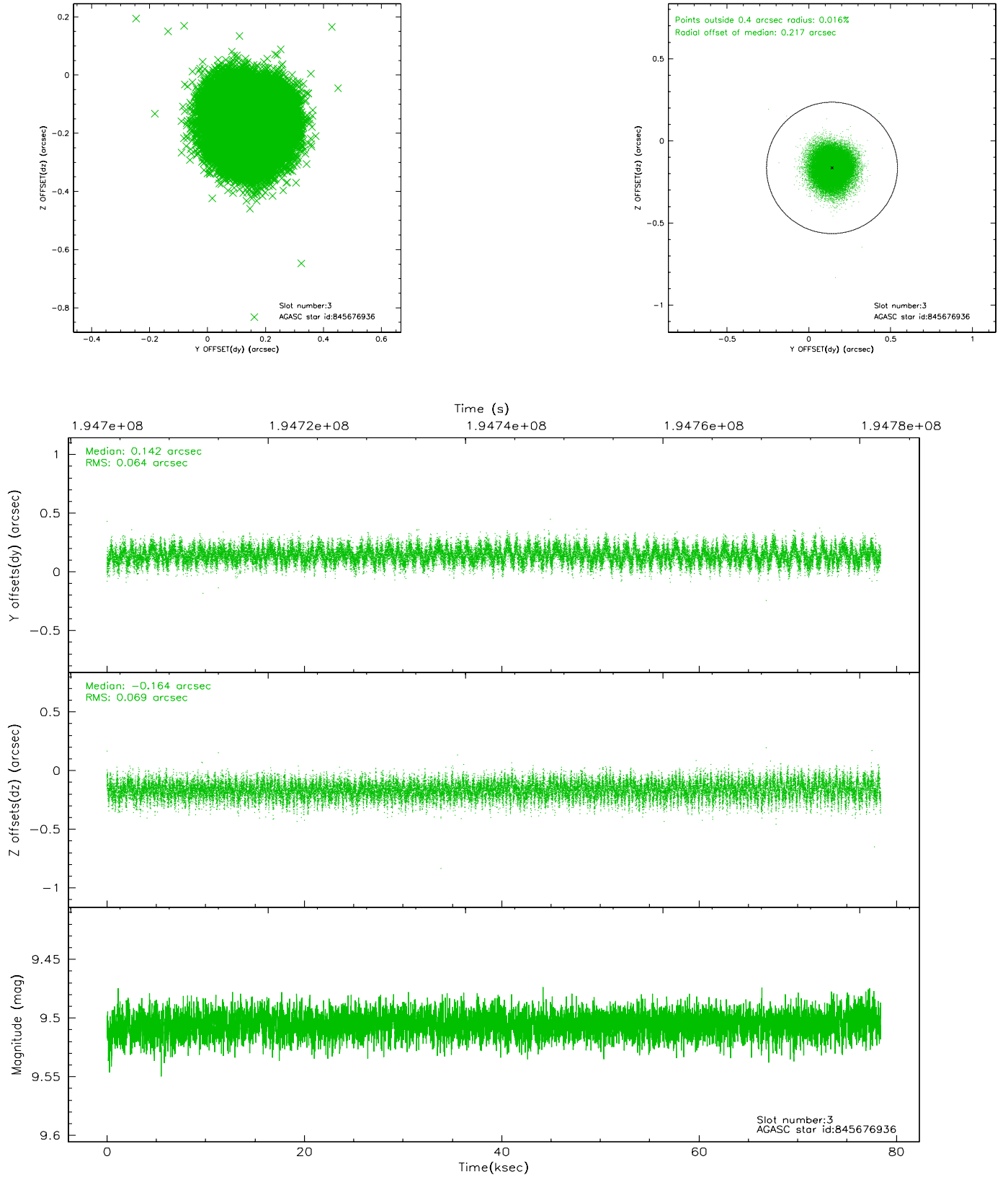


Slot Statistics

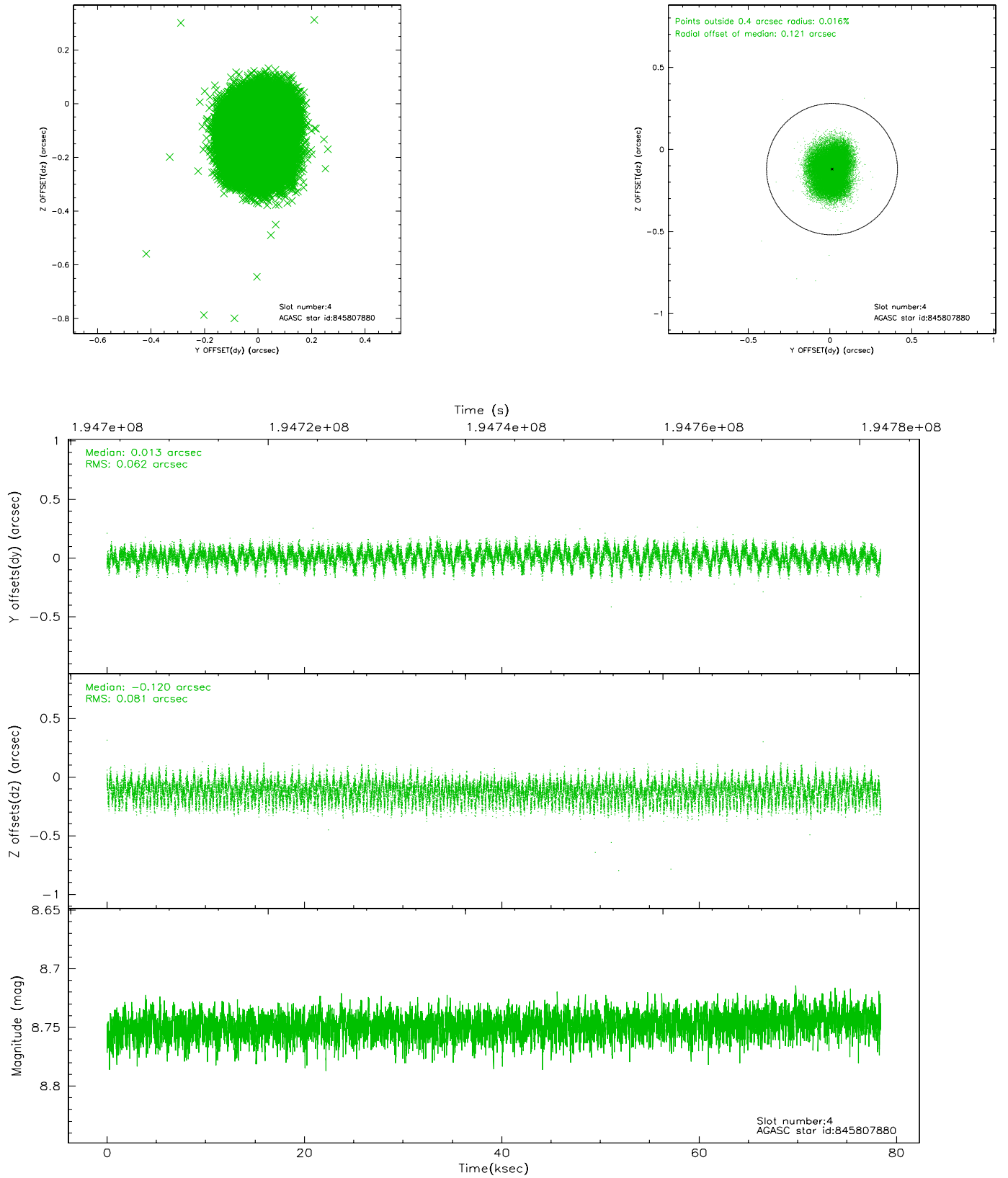
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	19130	-0.031	-0.025	0.013	0.034	0.000000	0.000000	931.89	-834.69
1	FID	ACIS-I-4	7.18	19130	0.090	0.056	0.018	0.034	0.000000	0.000000	2152.03	1065.21
2	FID	ACIS-I-5	7.22	19131	-0.157	0.040	0.018	0.031	0.000000	0.000000	-1816.30	1063.02
3	GUIDE	845676936	9.51	38243	0.142	-0.164	0.101	0.160	52.843773	-27.880153	787.59	-1316.87
4	GUIDE	845807880	8.75	38249	0.013	-0.120	0.112	0.172	53.382027	-27.886093	806.43	395.78
5	GUIDE	845808496	10.17	38182	-0.102	0.086	0.174	0.288	53.777917	-27.725281	230.38	1658.03
6	GUIDE	845813656	10.23	38225	0.071	0.125	0.164	0.295	53.922767	-28.083703	1522.95	2113.14
7	GUIDE	845414752	10.65	38145	-0.123	0.067	0.327	0.496	53.035275	-27.097593	-2031.58	-712.96

2.4 Star Slots

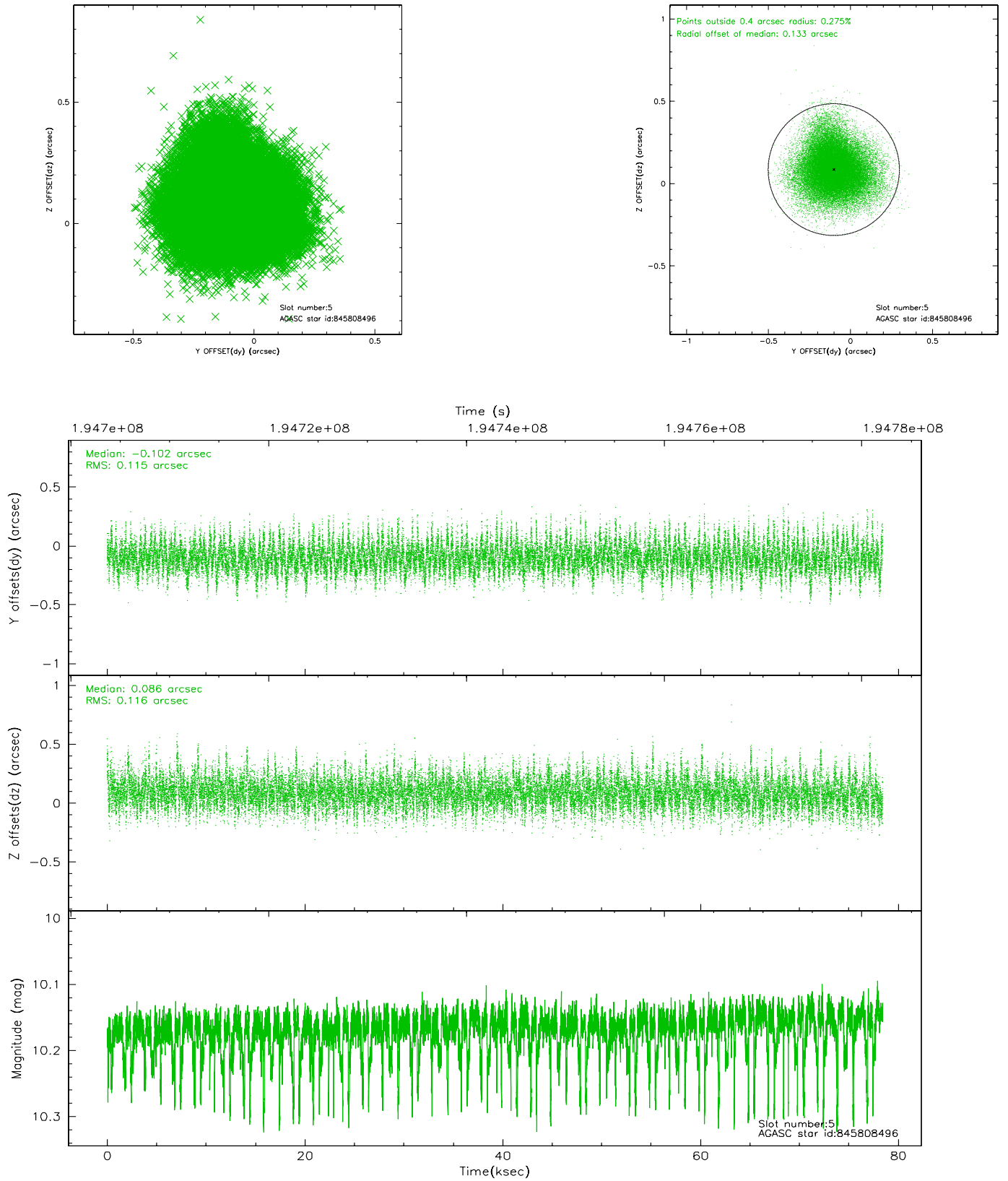
2.4.1 Slot 3



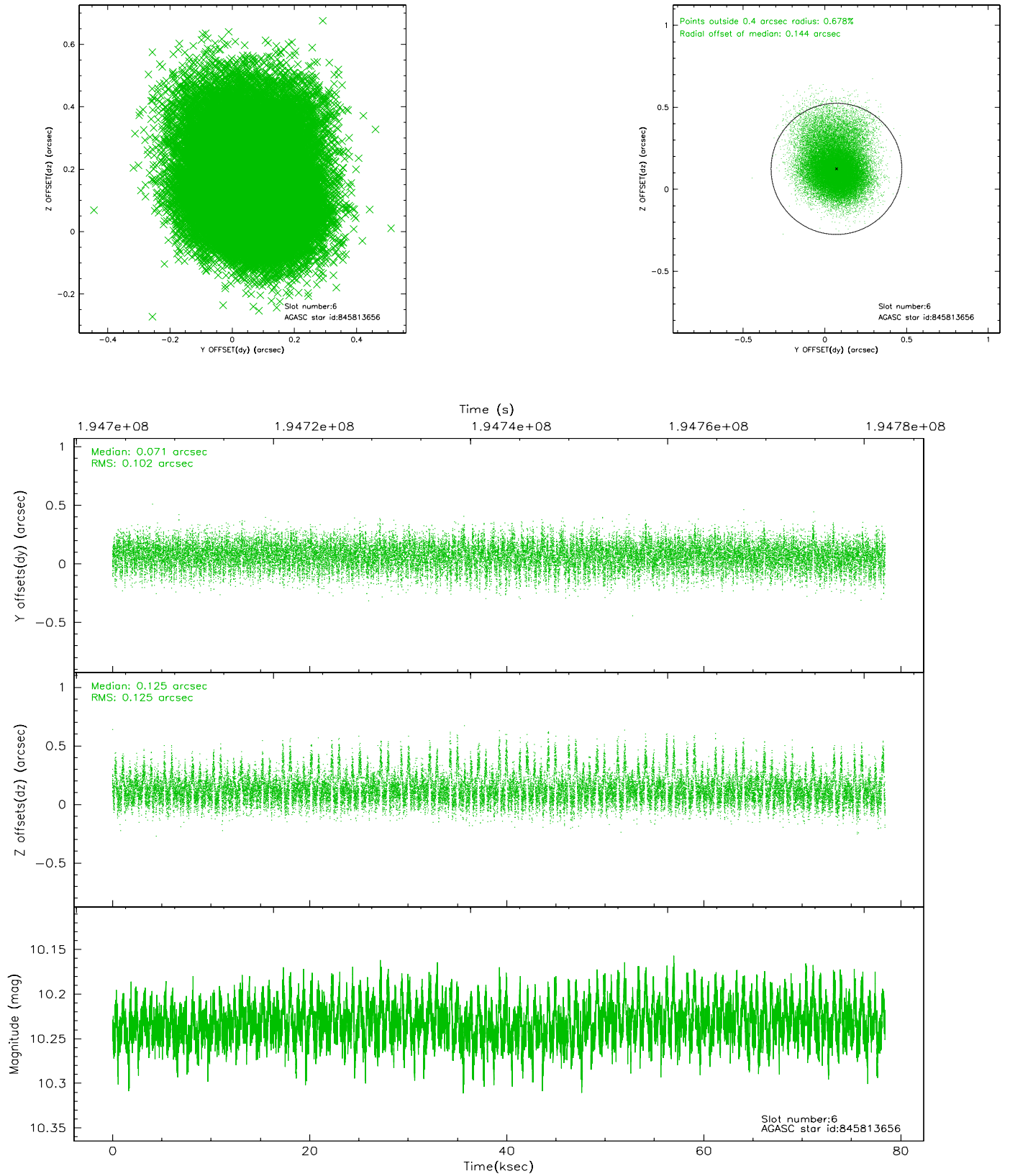
2.4.2 Slot 4



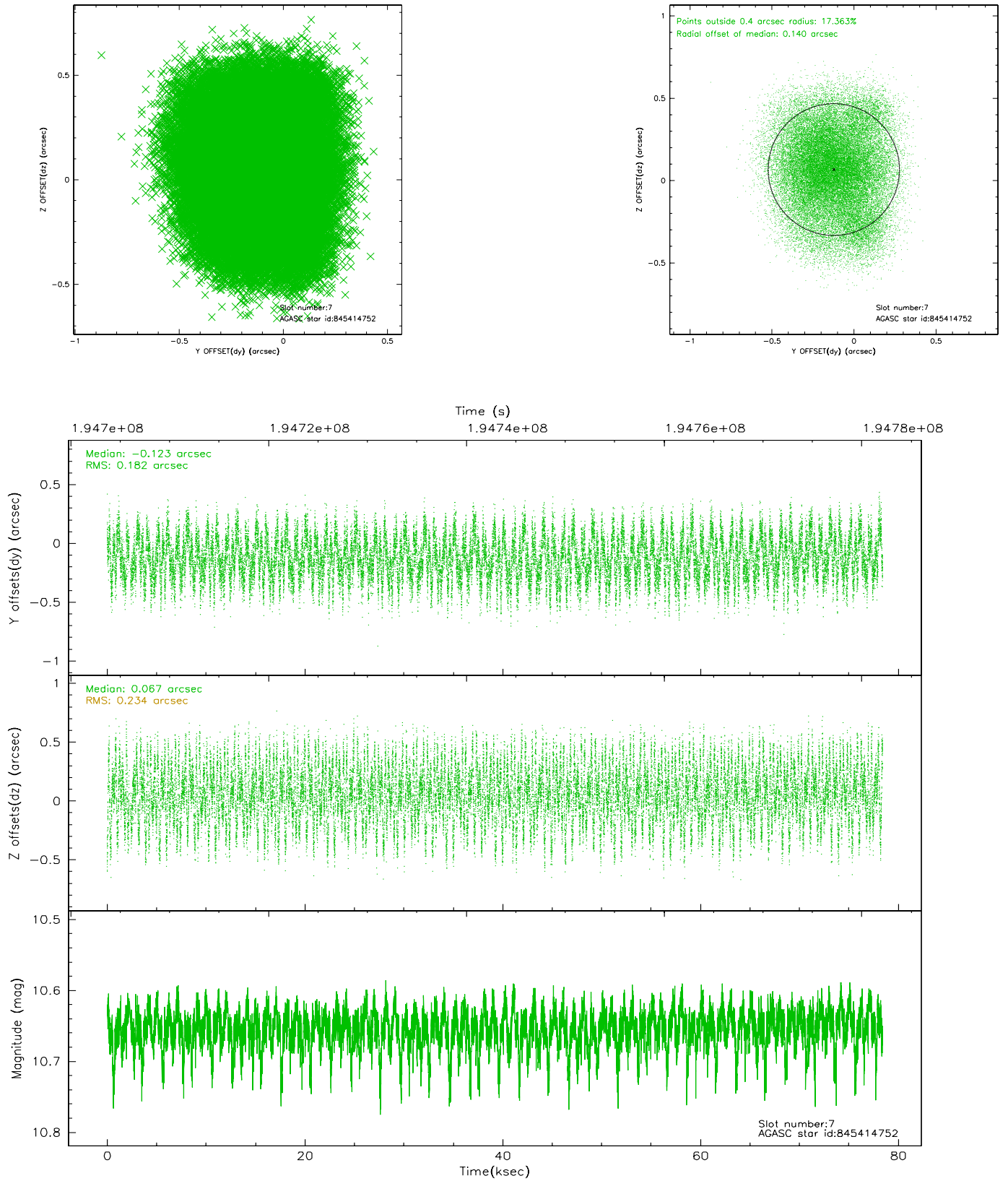
2.4.3 Slot 5



2.4.4 Slot 6

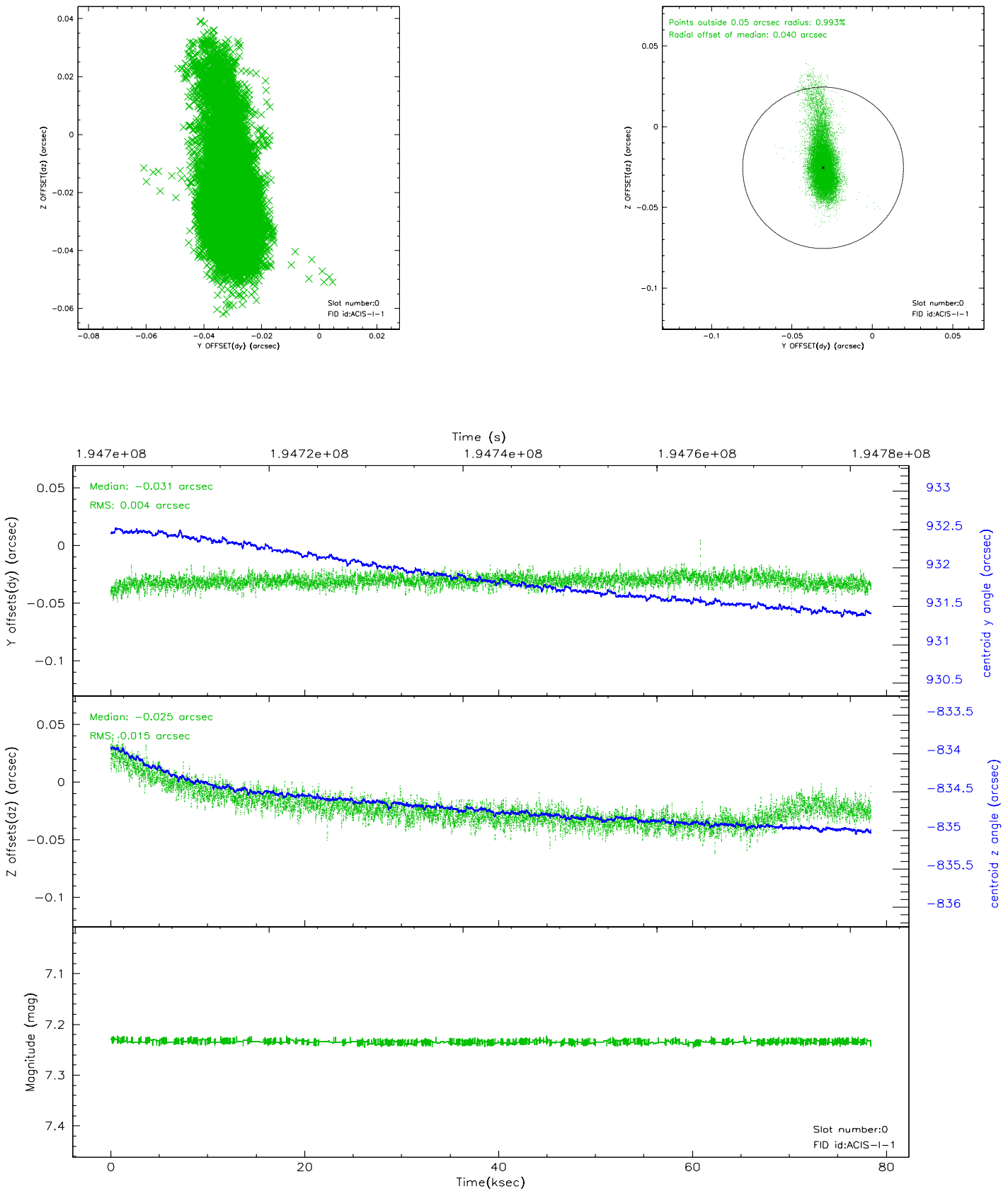


2.4.5 Slot 7

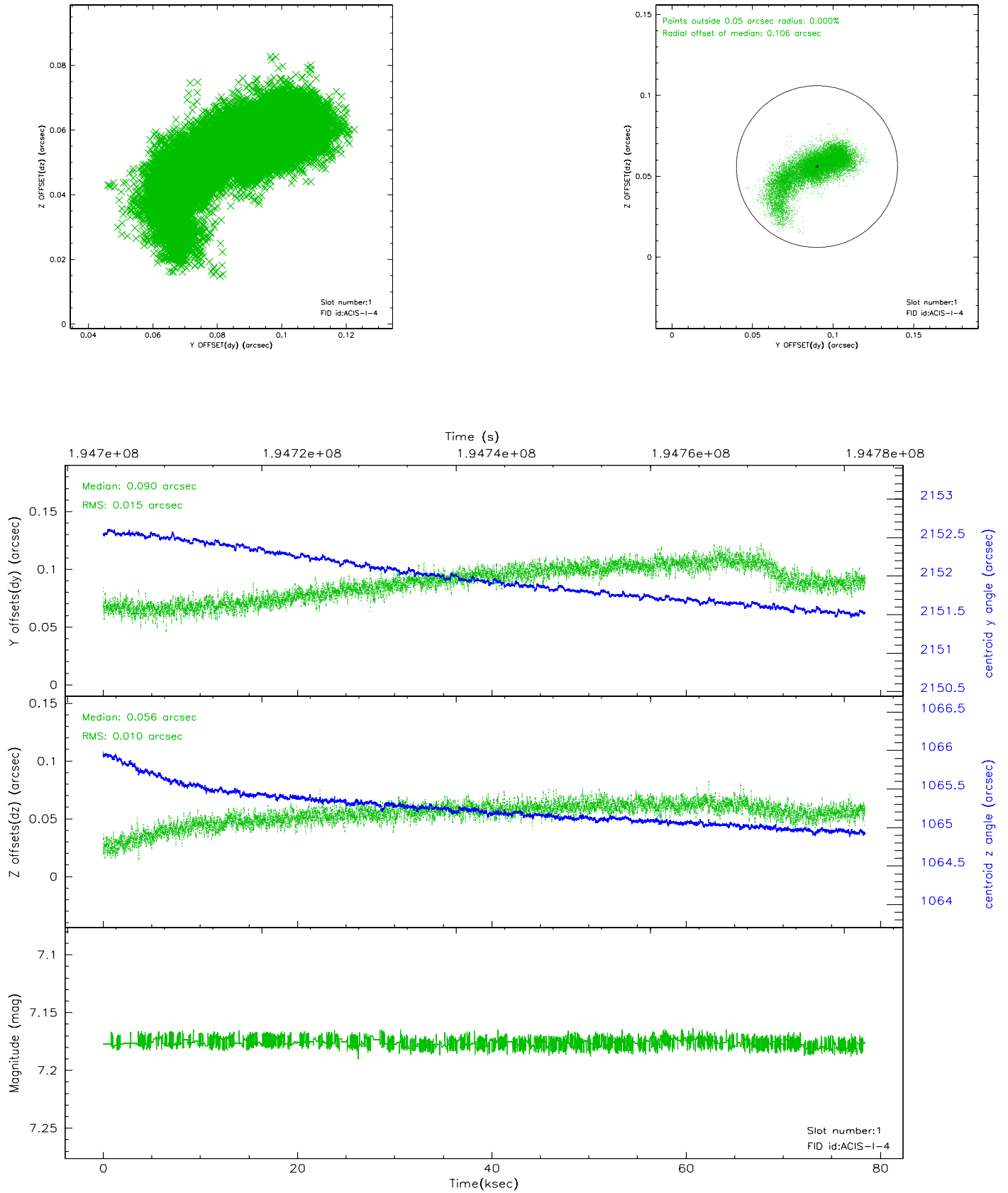


2.5 FID Slots

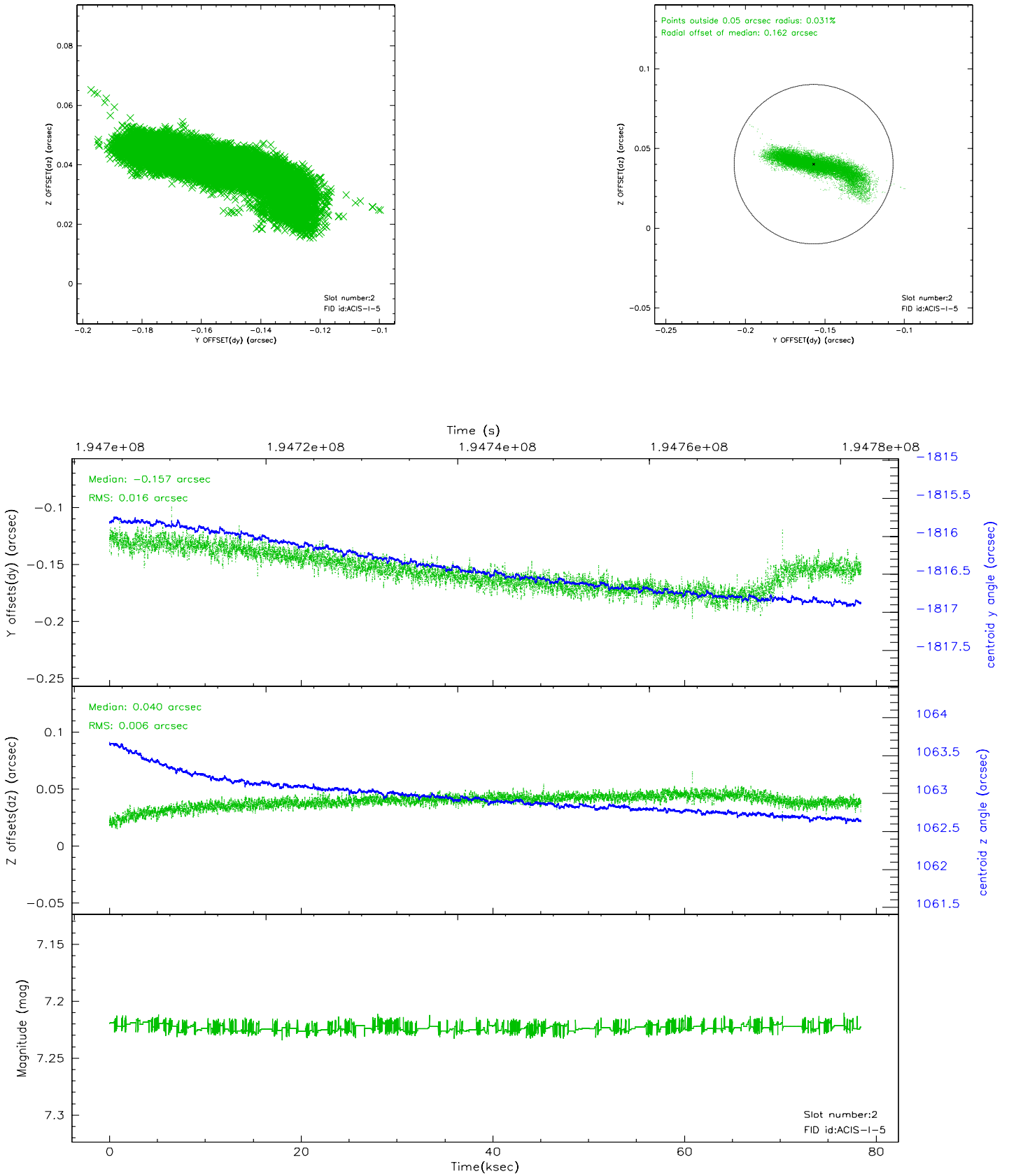
2.5.1 Slot 0



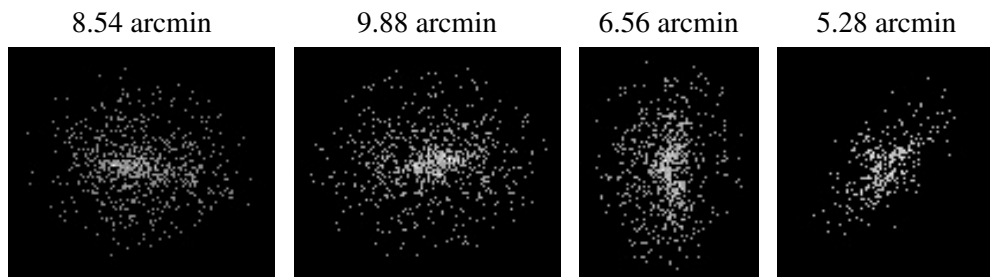
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	78.206

A.2 Comments

Roll constraint met.