

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 399 - L2 Version 001
Chandra X-Ray Center

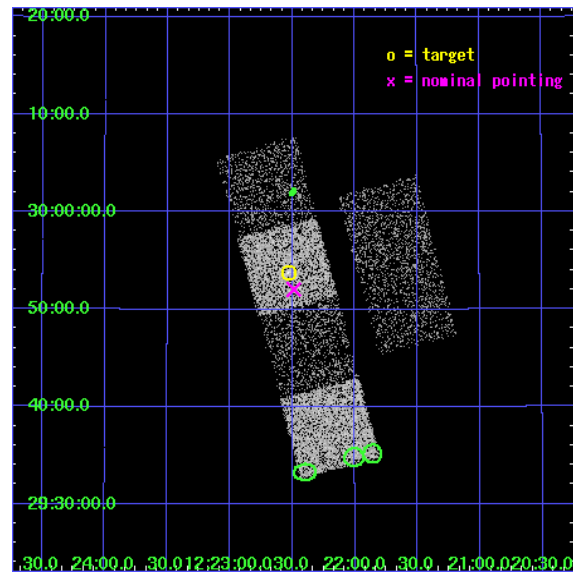
L2 Processing Date : May 30 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 5	9
2.4.2	Slot 6	10
2.4.3	Slot 7	11
2.5	FID Slots	12
2.5.1	Slot 0	12
2.5.2	Slot 1	13
2.5.3	Slot 2	14
3	Point Sources	15
A	Summary	16
A.1	Status	16
A.2	Comments	16

1 Front

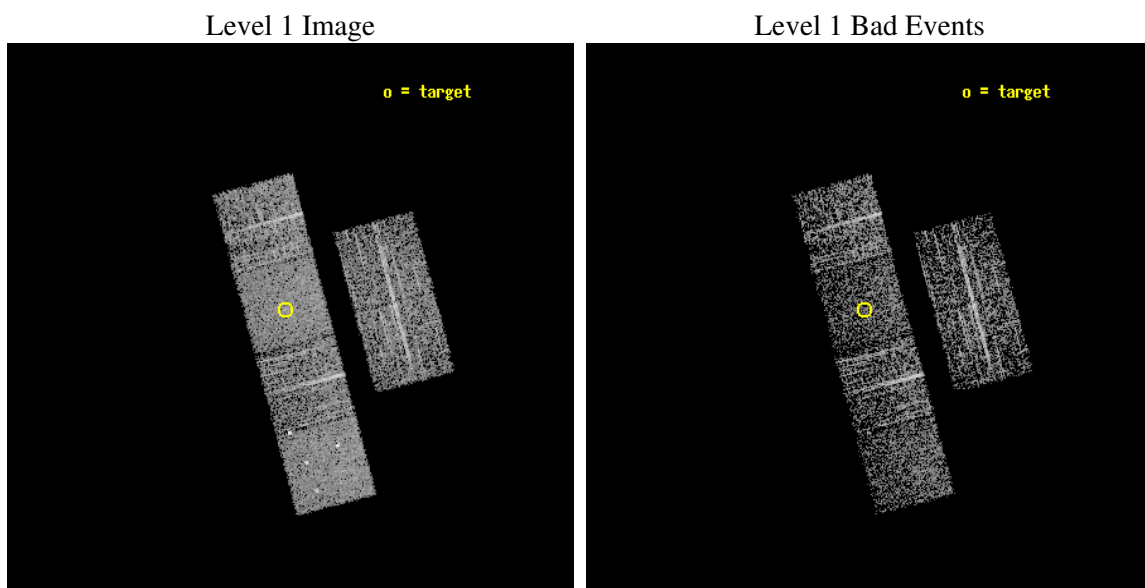
seq_num	700071
obs_id	399
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 4314
dtcycle	0
cycle	P
ra_targ	185.632917
dec_targ	29.895278
ra_nom	185.62200546734
dec_nom	29.86754875536
roll_nom	255.0809532903
revision	3
ontime	1951.9590515792
livetime	1927.2421707395
ontime2	1955.2000018209
ontime3	1955.2000018209
ontime5	1955.2000018209
ontime6	1955.2000018209
ontime7	1951.9590515792
ontime8	1955.1805498302
l2events	18337



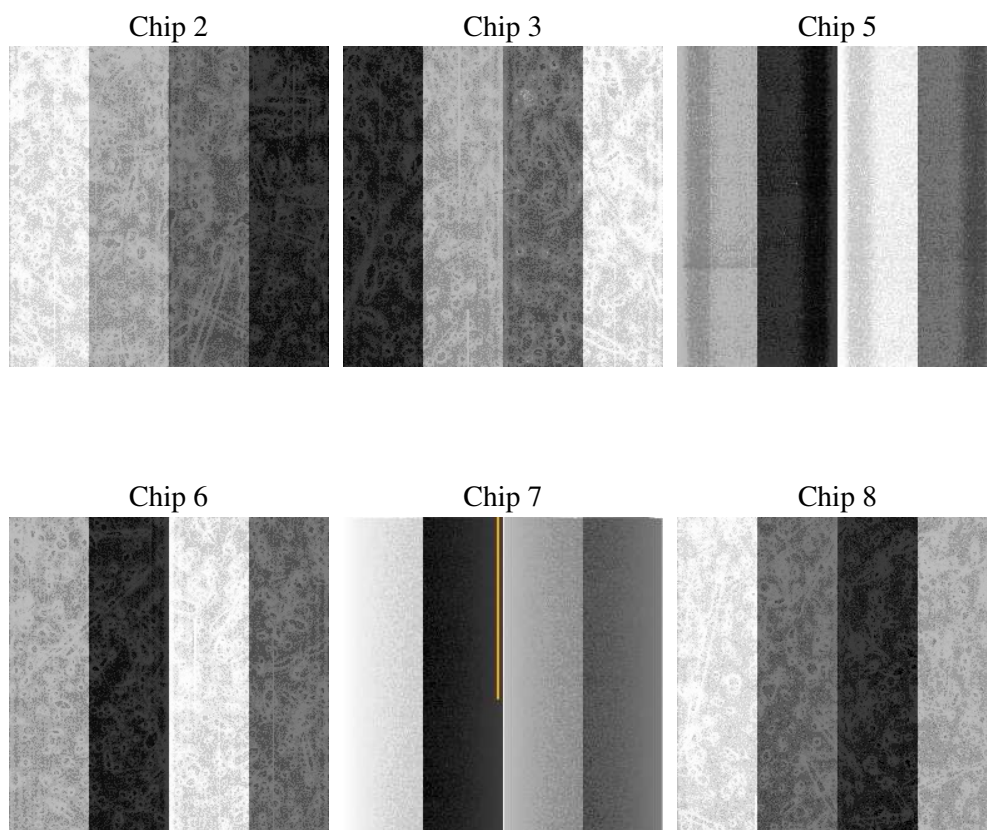
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-30T11:56:04
revision	3

sched_exp_time	2000.000000
ontime	1951.9590515792
ontime2	1955.2000018209
ontime3	1955.2000018209
ontime5	1955.2000018209
ontime6	1955.2000018209
ontime7	1951.9590515792
ontime8	1955.1805498302
llevents	89750

2.1.4 Events

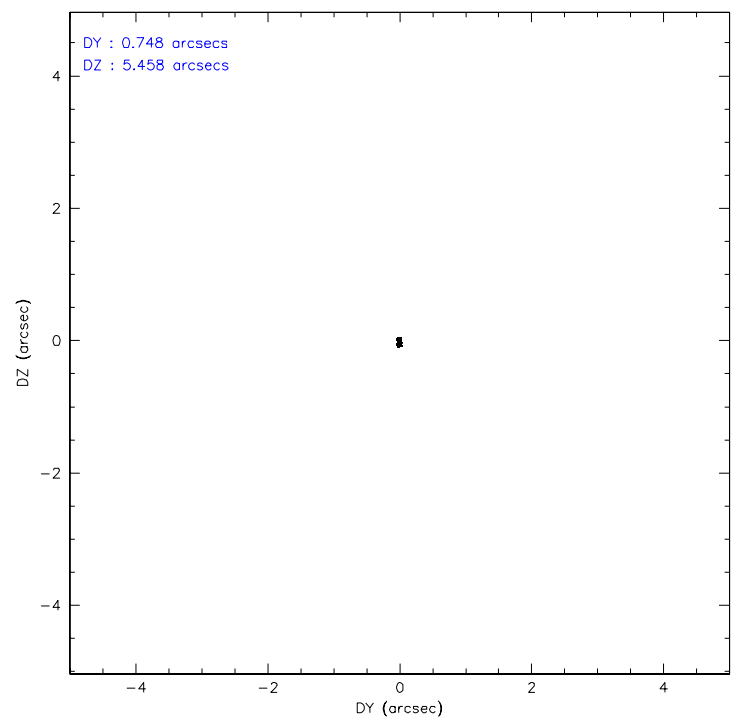
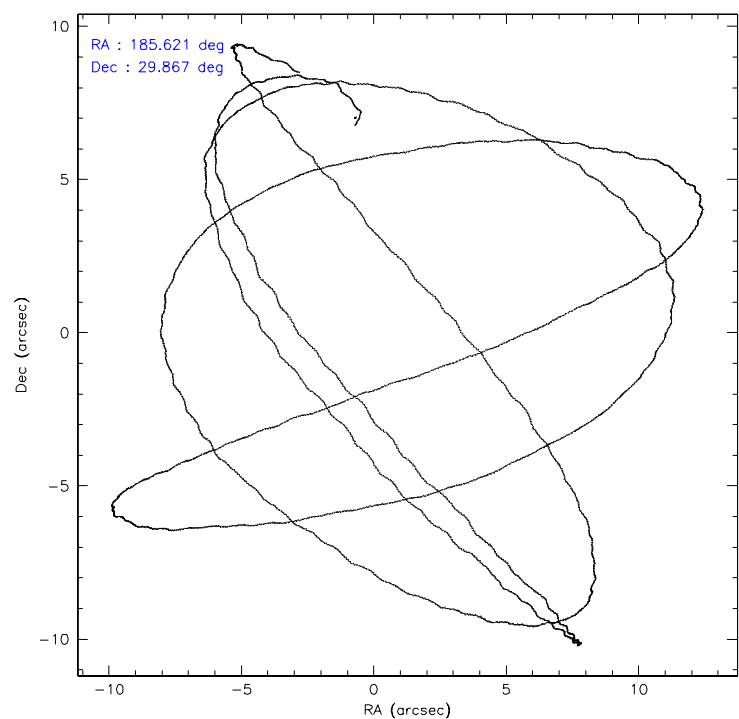
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	13621	12848	17430	14047	15512	16292
rejected events	12322	11443	9165	12633	8920	13438
rejected %	90%	89%	52%	89%	57%	82%

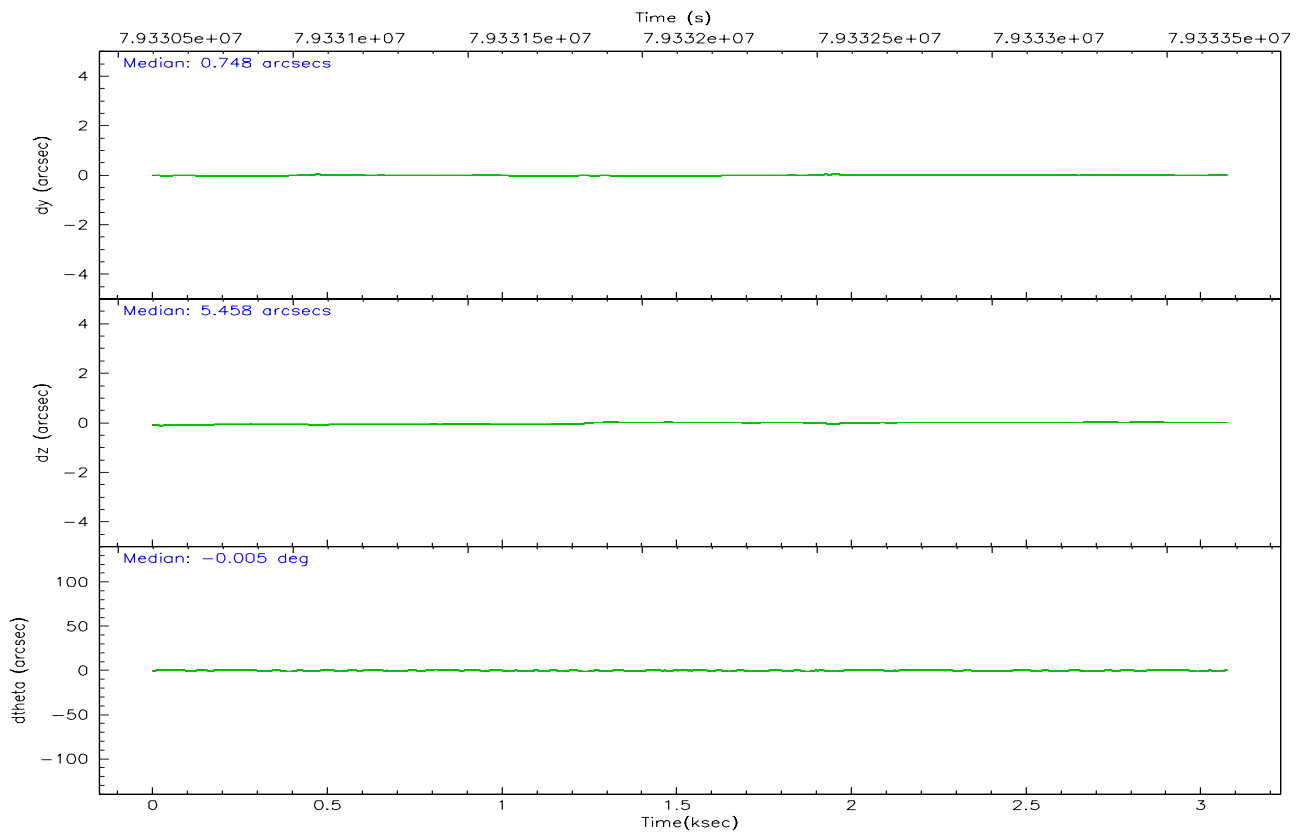
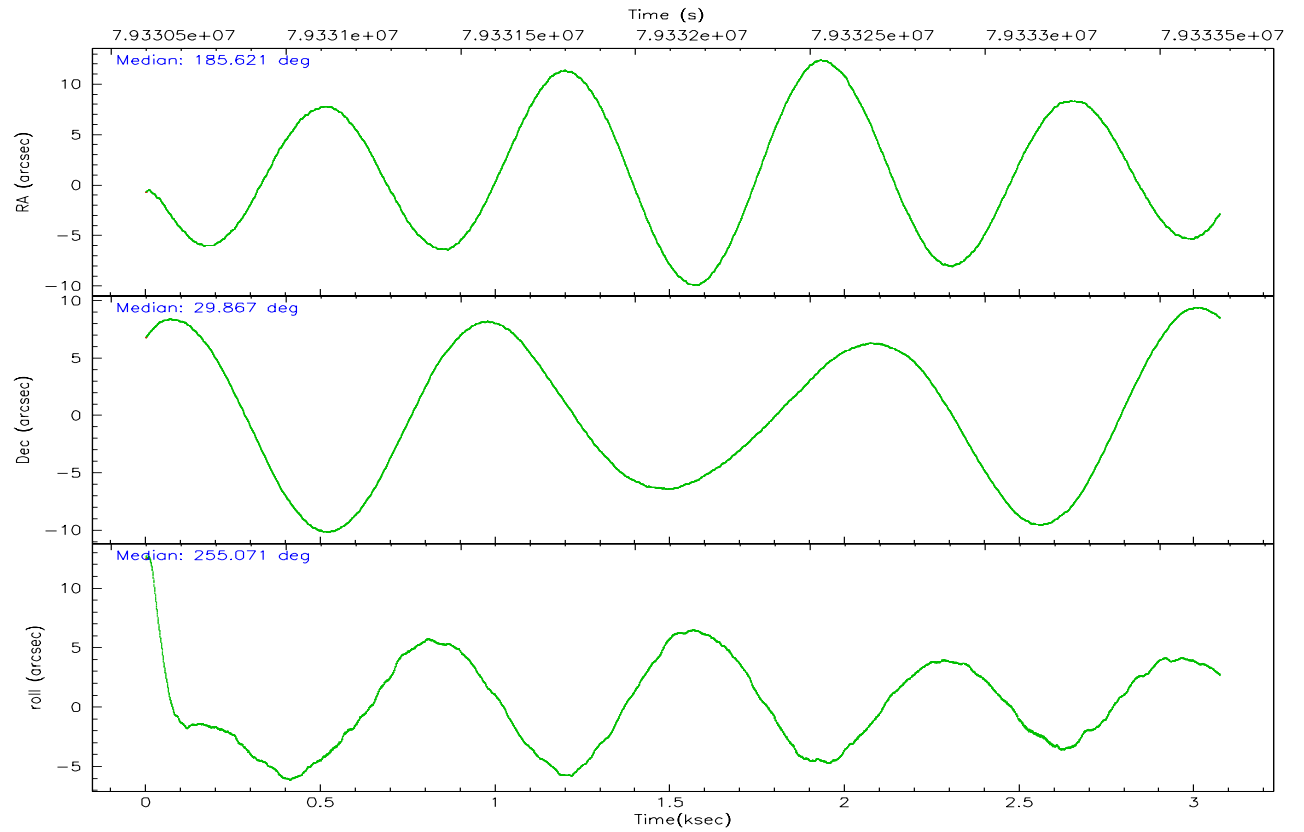
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	553	615	1301	588	688	991
	4%	4%	7%	4%	4%	6%
grade 1 events	9	6	44	3	15	10
	0%	0%	0%	0%	0%	0%
grade 2 events	277	289	2281	287	1282	535
	2%	2%	13%	2%	8%	3%
grade 3 events	118	136	368	146	598	337
	0%	1%	2%	1%	3%	2%
grade 4 events	134	155	345	139	625	322
	0%	1%	1%	0%	4%	1%
grade 5 events	372	481	1307	499	1516	654
	2%	3%	7%	3%	9%	4%
grade 6 events	219	213	3985	258	3407	680
	1%	1%	22%	1%	21%	4%
grade 7 events	11939	10953	7799	12127	7381	12763
	87%	85%	44%	86%	47%	78%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	185.613766	185.6220054673399	Subarray requested	NONE	NONE
Pointing Dec	29.893878	29.86754875536014	Alternating exposures requested	N	N
Pointing Roll	254.928377	255.0809532902999	Primary exposure time	3.200000	3.2
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	79331675.184000	79330271.809412			
Observation start date	2000-07-07T04:33:31	2000-07-07T04:11:11			
Observation end time	79333675.184000	79334259.57205901			
Observation end date	2000-07-07T05:06:51	2000-07-07T05:17:39			
Read mode	TIMED	TIMED			

2.3 Aspect



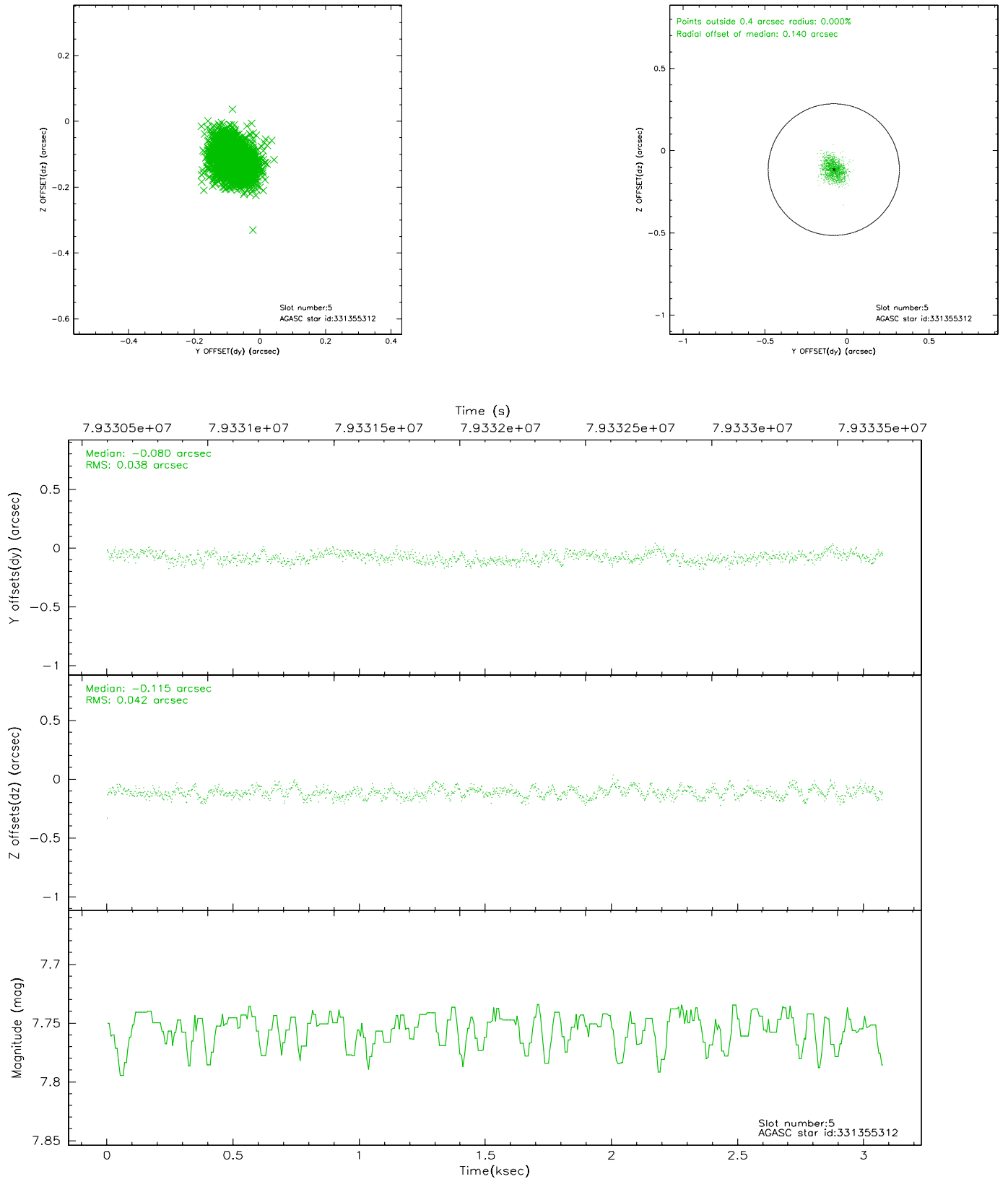


Slot Statistics

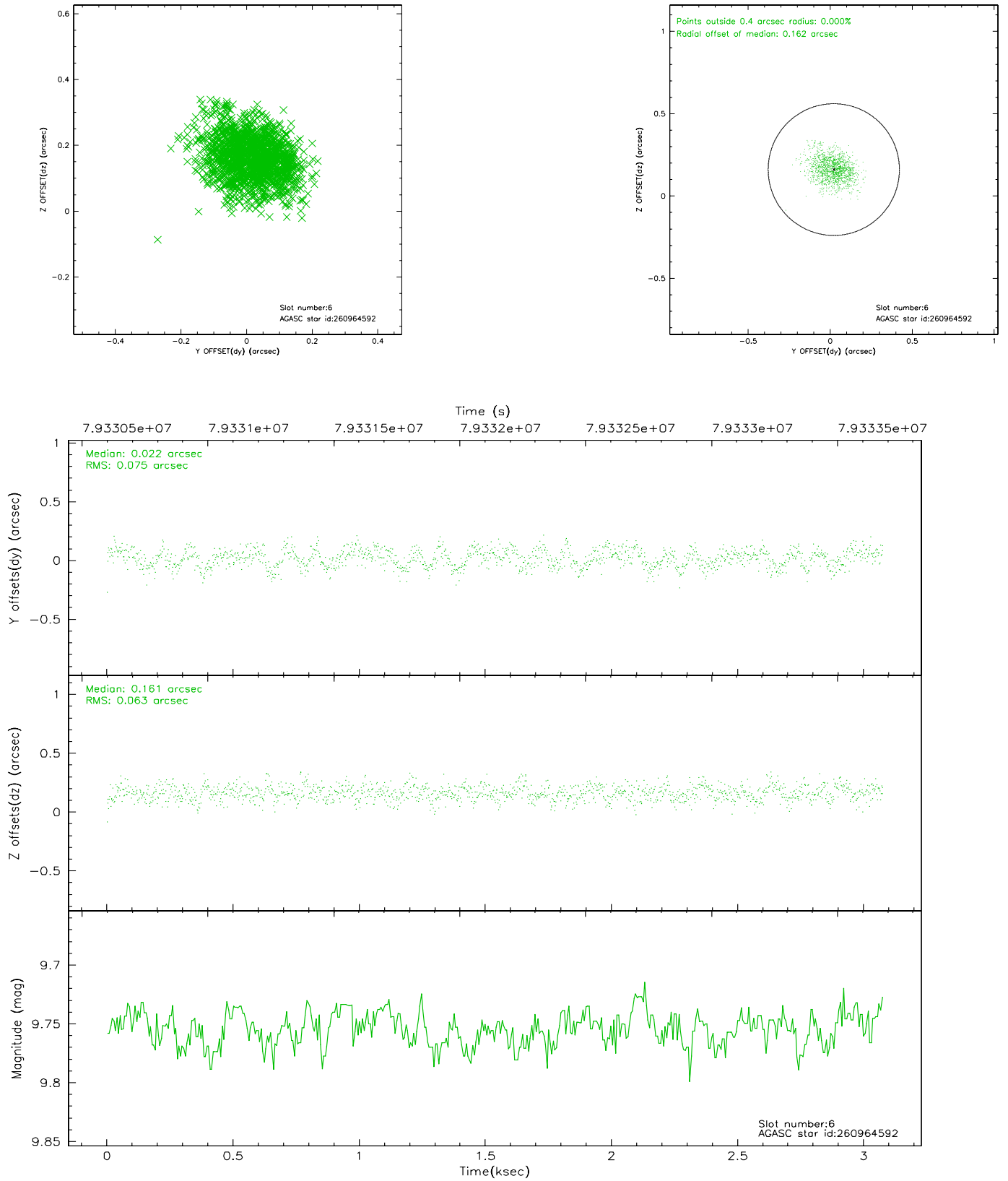
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	750	-0.035	0.016	0.006	0.010	0.000000	0.000000	-753.34	-1726.50
1	FID	ACIS-S-4	7.21	750	-0.015	0.012	0.005	0.008	0.000000	0.000000	2159.00	179.86
2	FID	ACIS-S-5	7.23	749	0.019	-0.019	0.006	0.009	0.000000	0.000000	-1803.47	175.83
3	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
5	GUIDE	331355312	7.75	1501	-0.080	-0.115	0.061	0.094	184.992302	30.486549	-1564.14	-2416.48
6	GUIDE	260964592	9.75	1497	0.022	0.161	0.104	0.172	186.307418	29.951441	-770.90	2033.83
7	GUIDE	331350544	8.70	1500	0.061	-0.045	0.081	0.130	184.879941	30.167953	-366.40	-2460.81

2.4 Star Slots

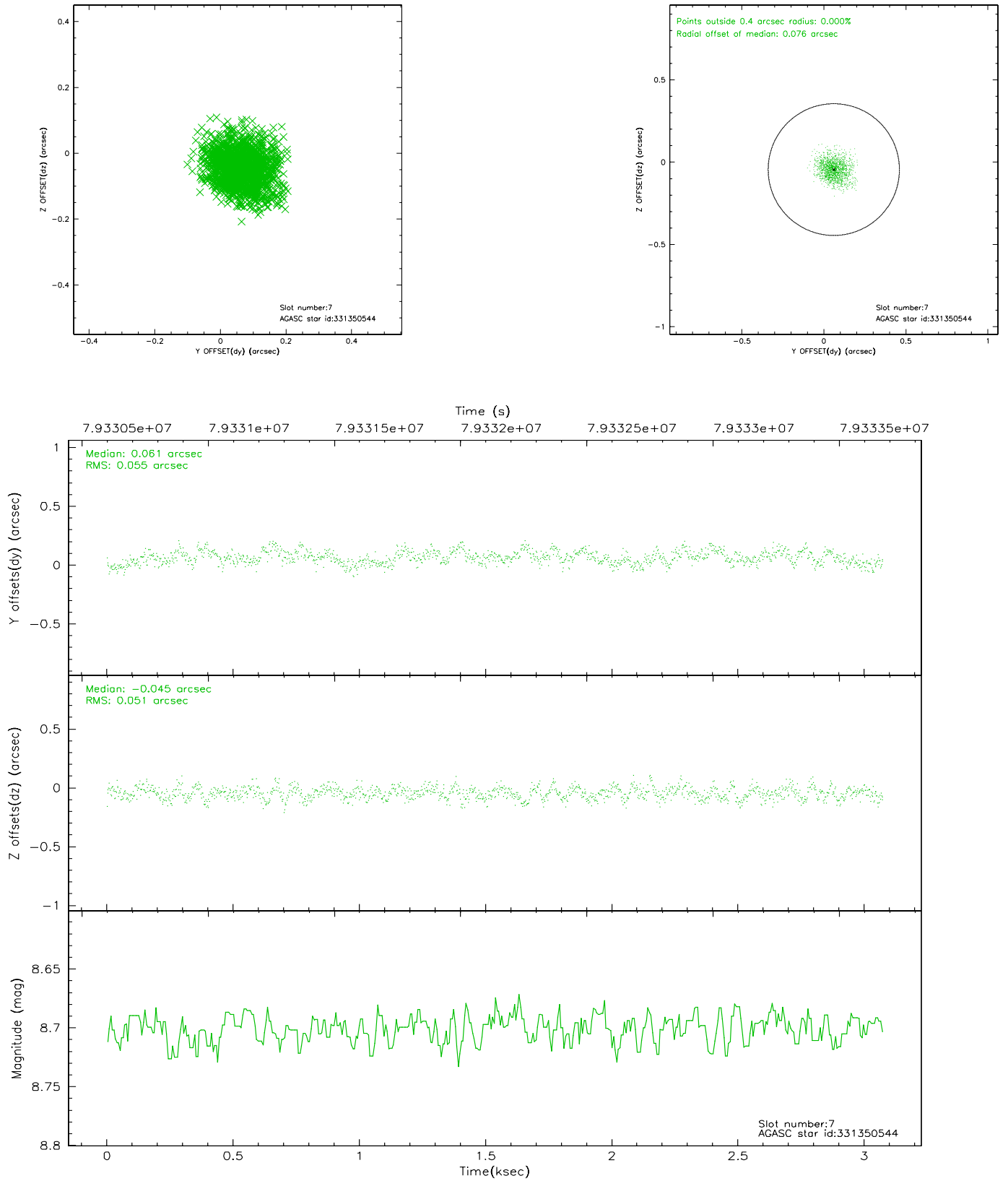
2.4.1 Slot 5



2.4.2 Slot 6

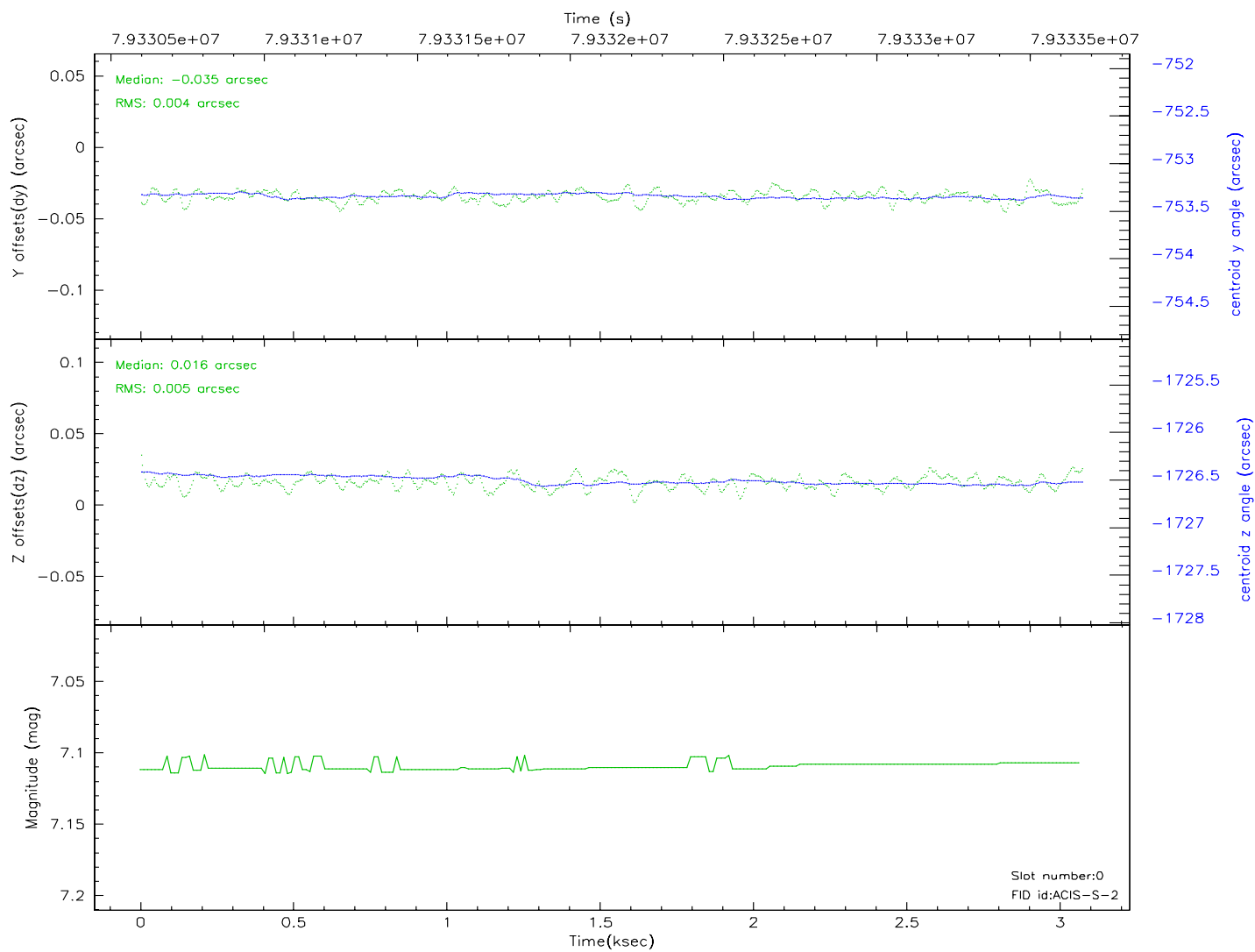
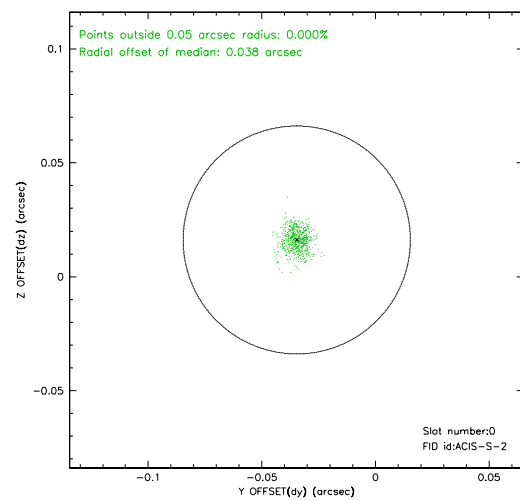
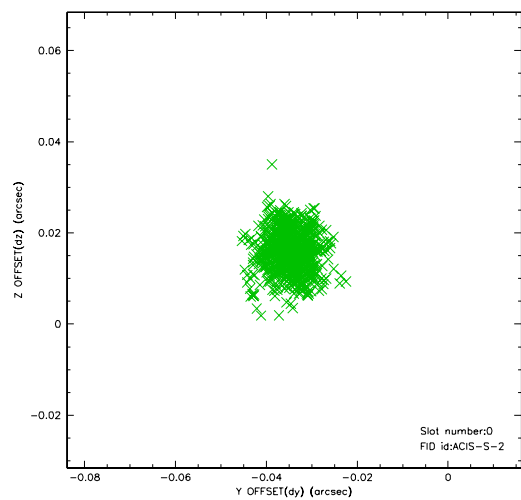


2.4.3 Slot 7

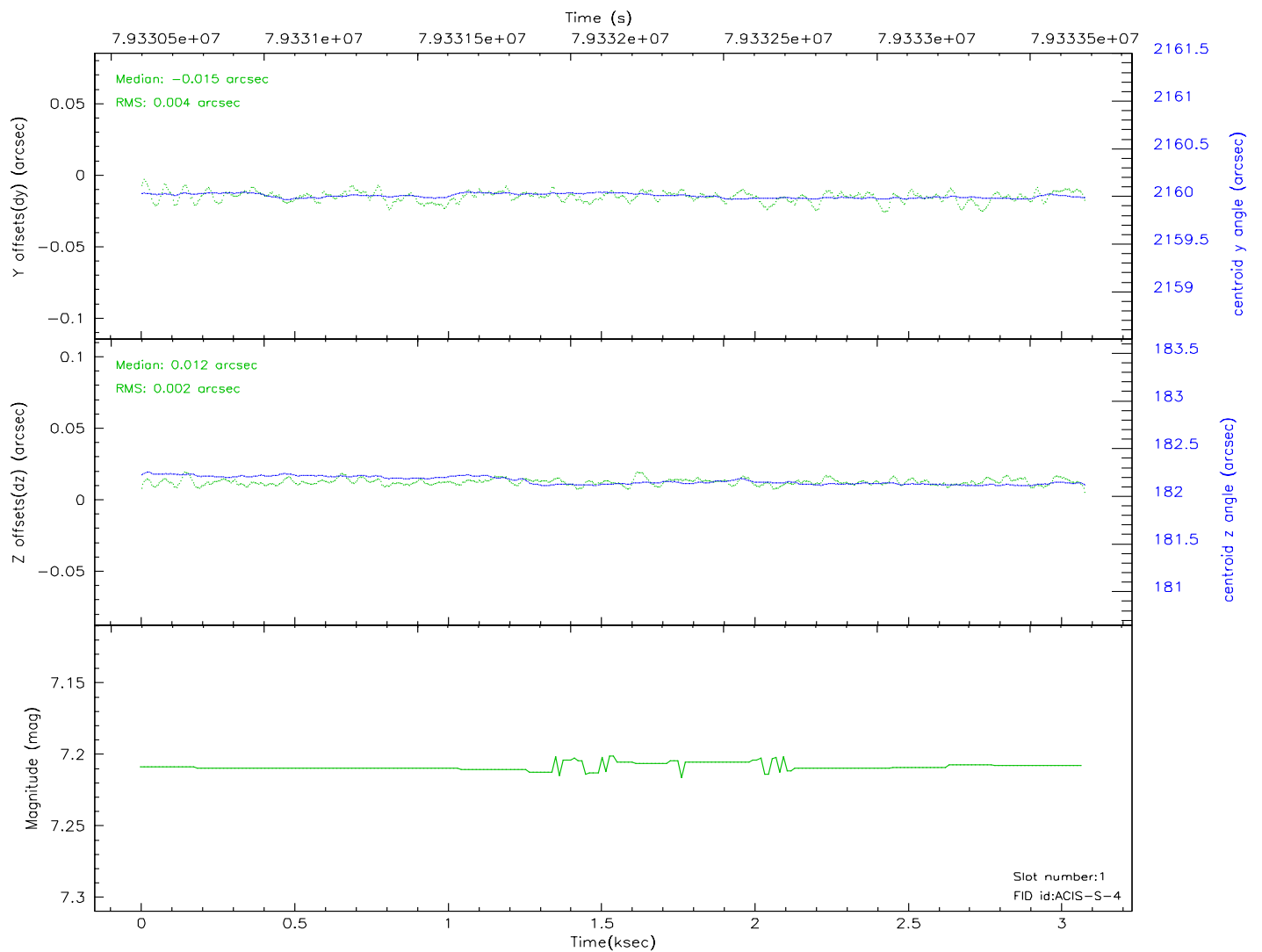
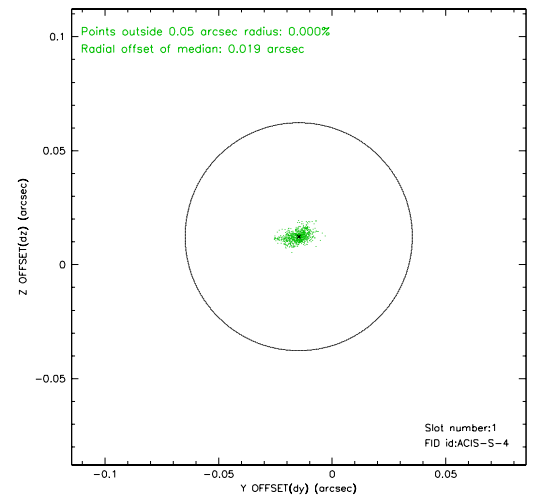
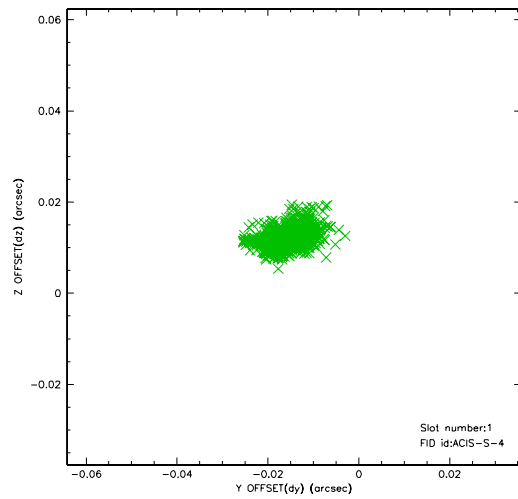


2.5 FID Slots

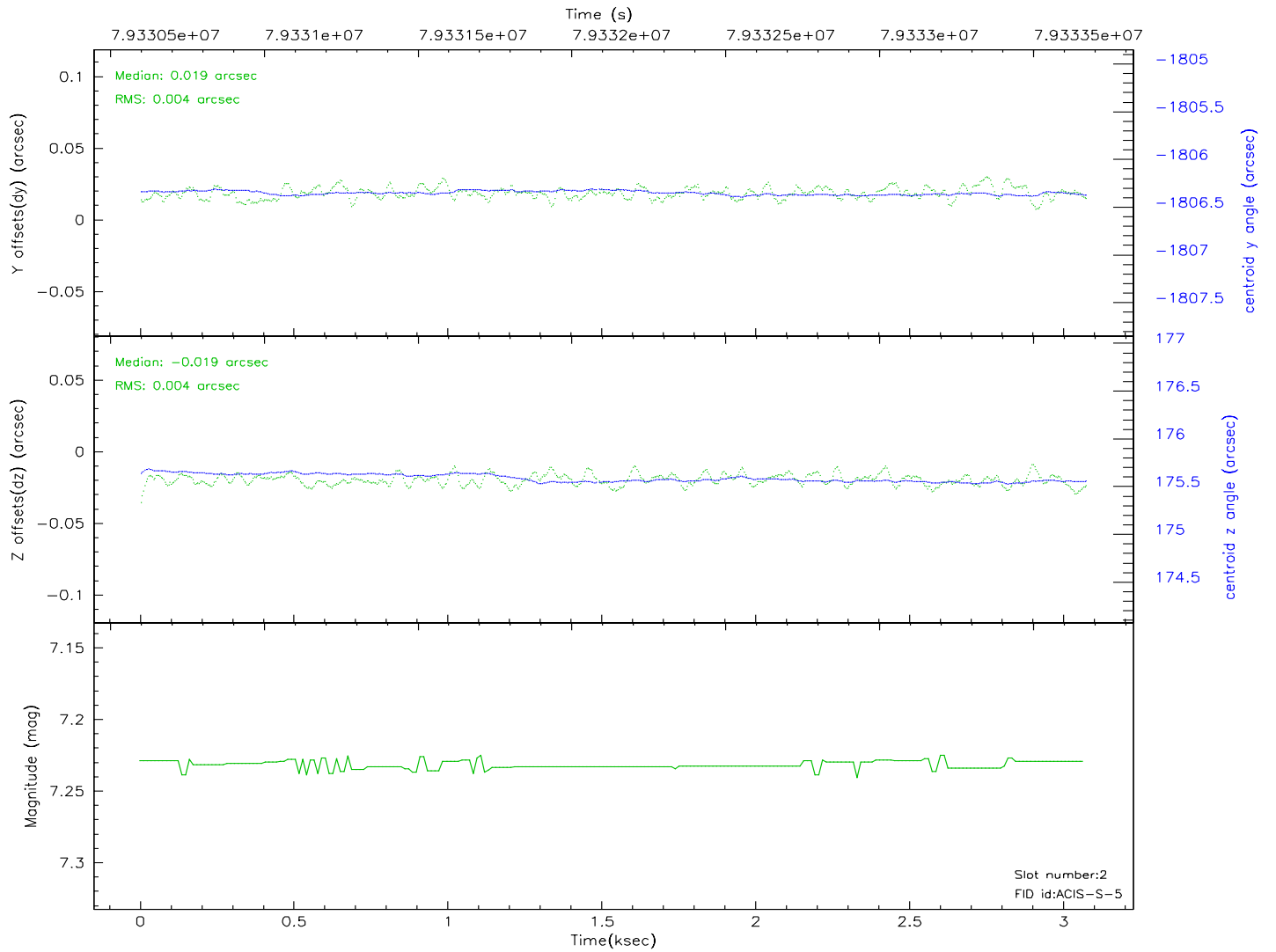
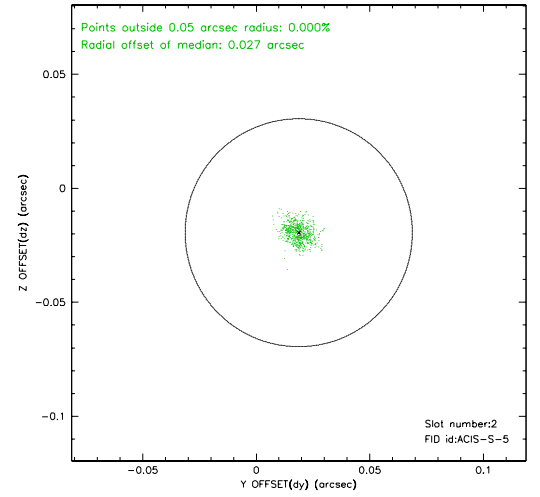
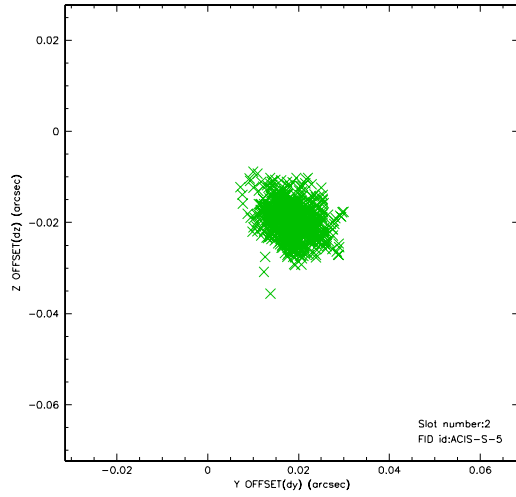
2.5.1 Slot 0



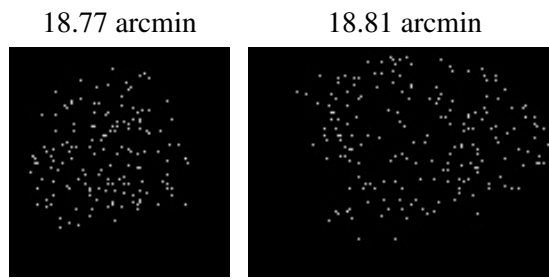
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.952

A.2 Comments

Slots 3 and 4 were not used in this observation.