

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4218 - L2 Version 001
Chandra X-Ray Center

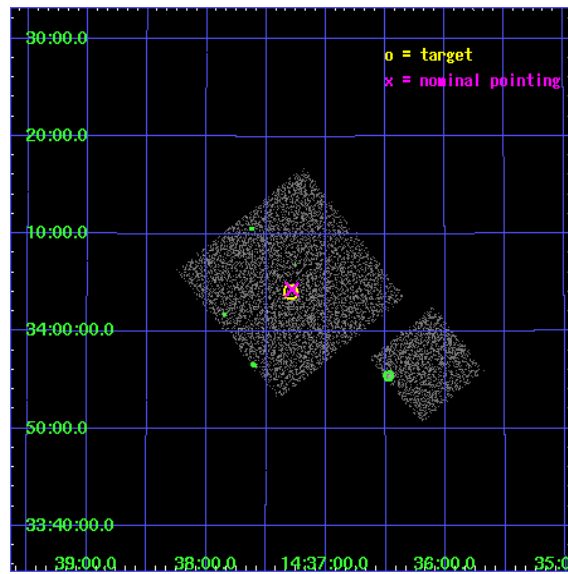
L2 Processing Date : Jul 30 2006

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 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

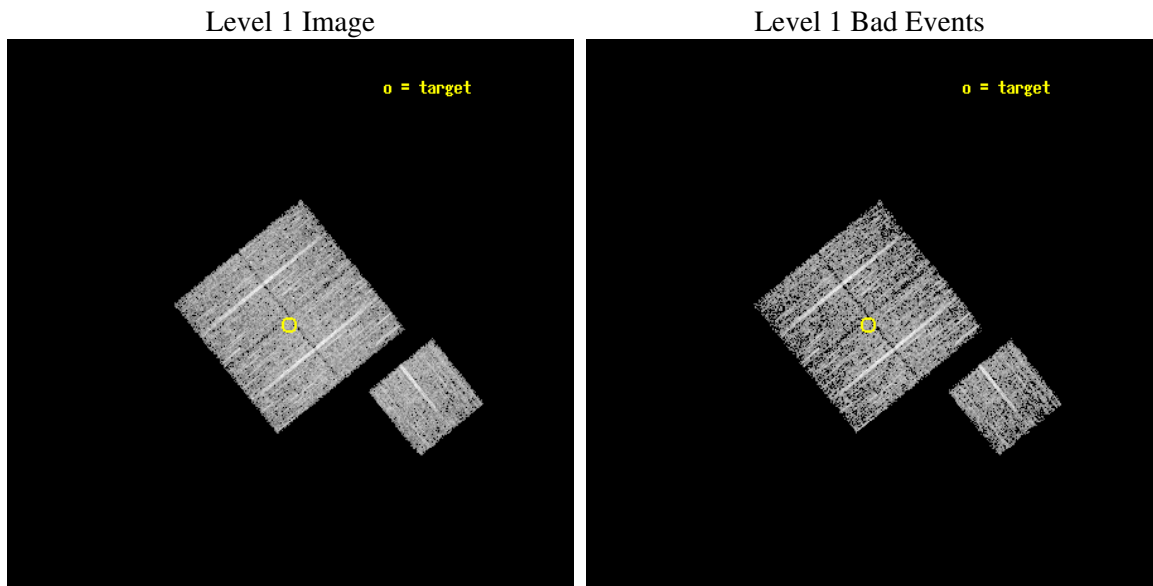
seq_num	900261
obs_id	4218
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS45
dtcycle	0
cycle	P
ra_targ	219.323765
dec_targ	34.068
ra_nom	219.32119210662
dec_nom	34.072012556681
roll_nom	141.01015762382
revision	2
ontime	5015.799990356
livetime	4950.2648709037
ontime0	5015.799990356
ontime1	5015.799990356
ontime2	5015.799990356
ontime3	5015.799990356
ontime6	5015.799990356
l2events	10140



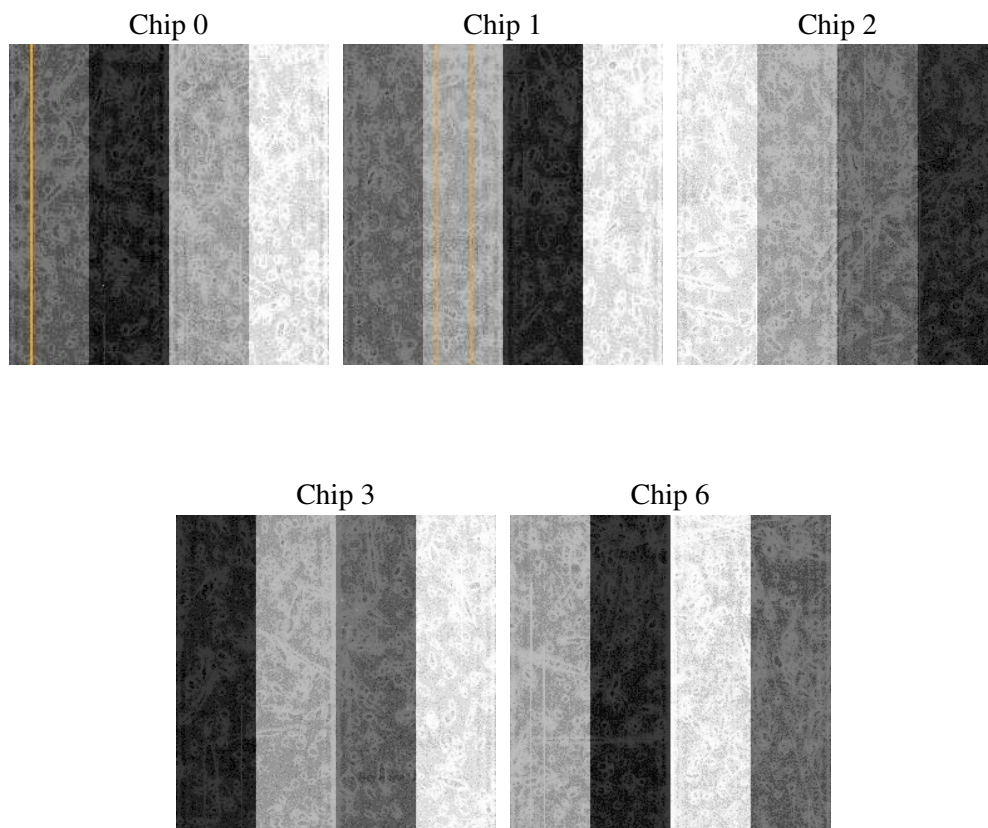
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-30T05:26:27
revision	2

sched_exp_time	4900.000000
ontime	5022.4695621729
ontime0	5022.4695621729
ontime1	5022.4695621729
ontime2	5022.4695621729
ontime3	5022.4695621729
ontime6	5022.4695422947
l1events	123807

2.1.4 Events

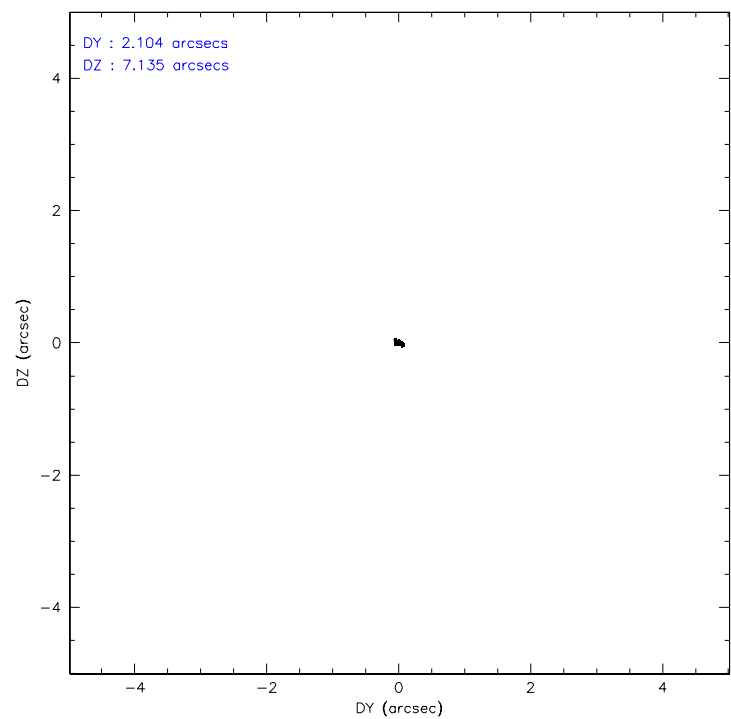
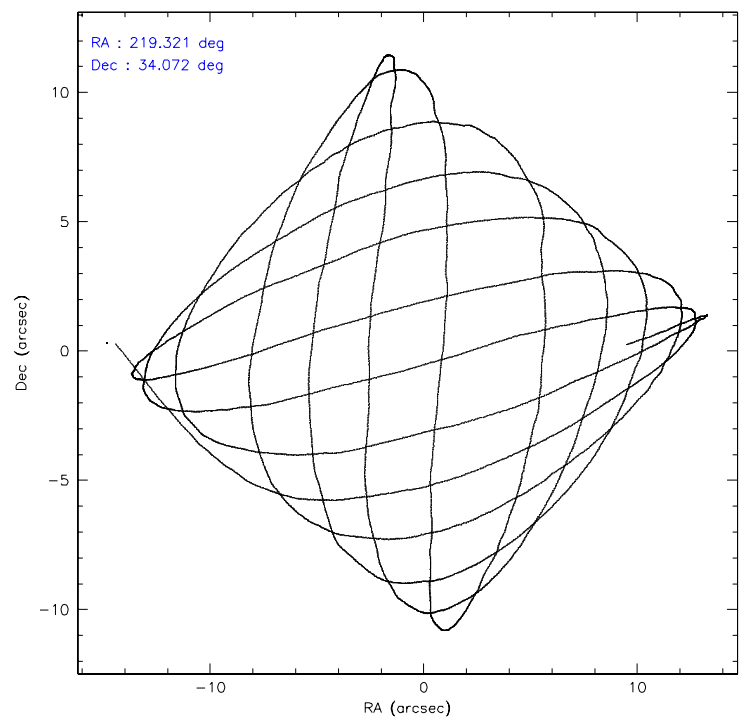
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23312	23202	27494	25888	23911
rejected events	20752	20632	25103	23561	21428
rejected %	89%	88%	91%	91%	89%

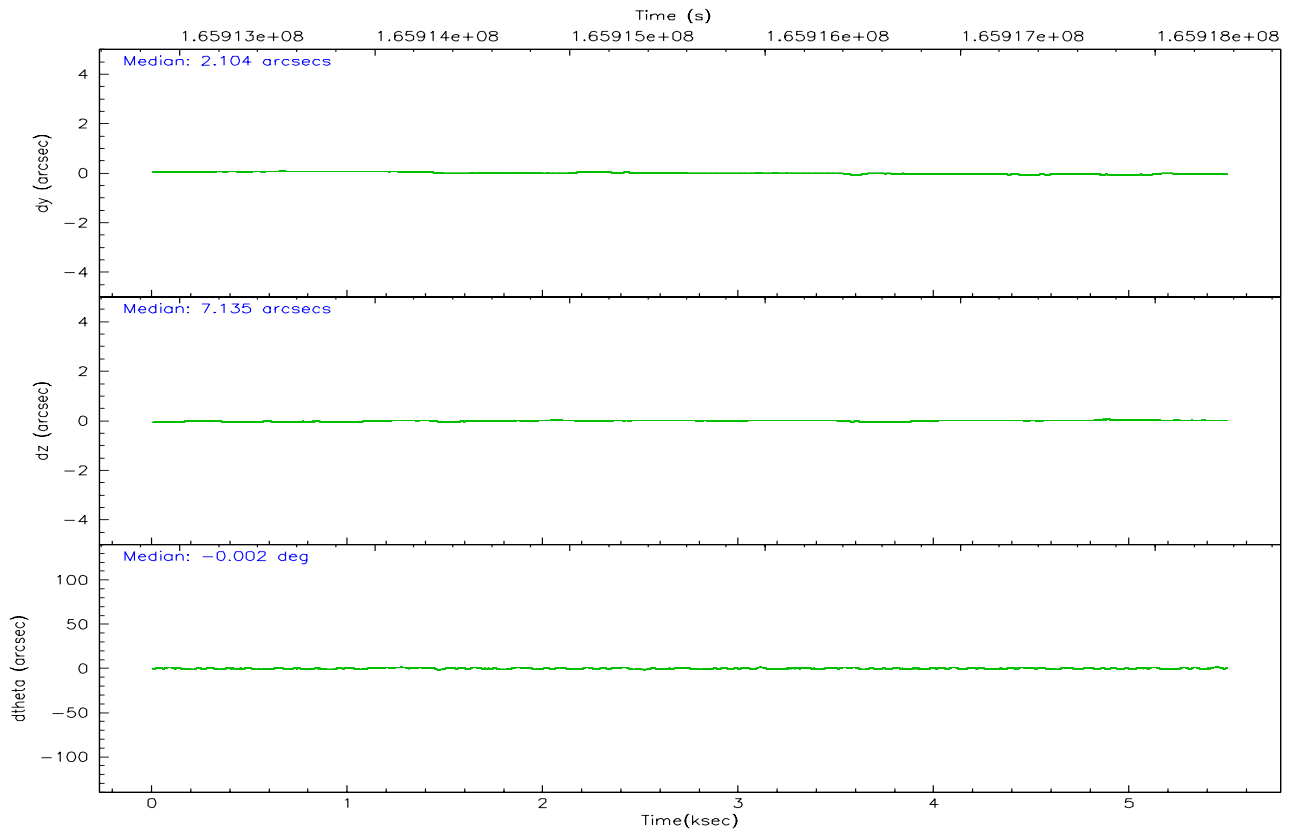
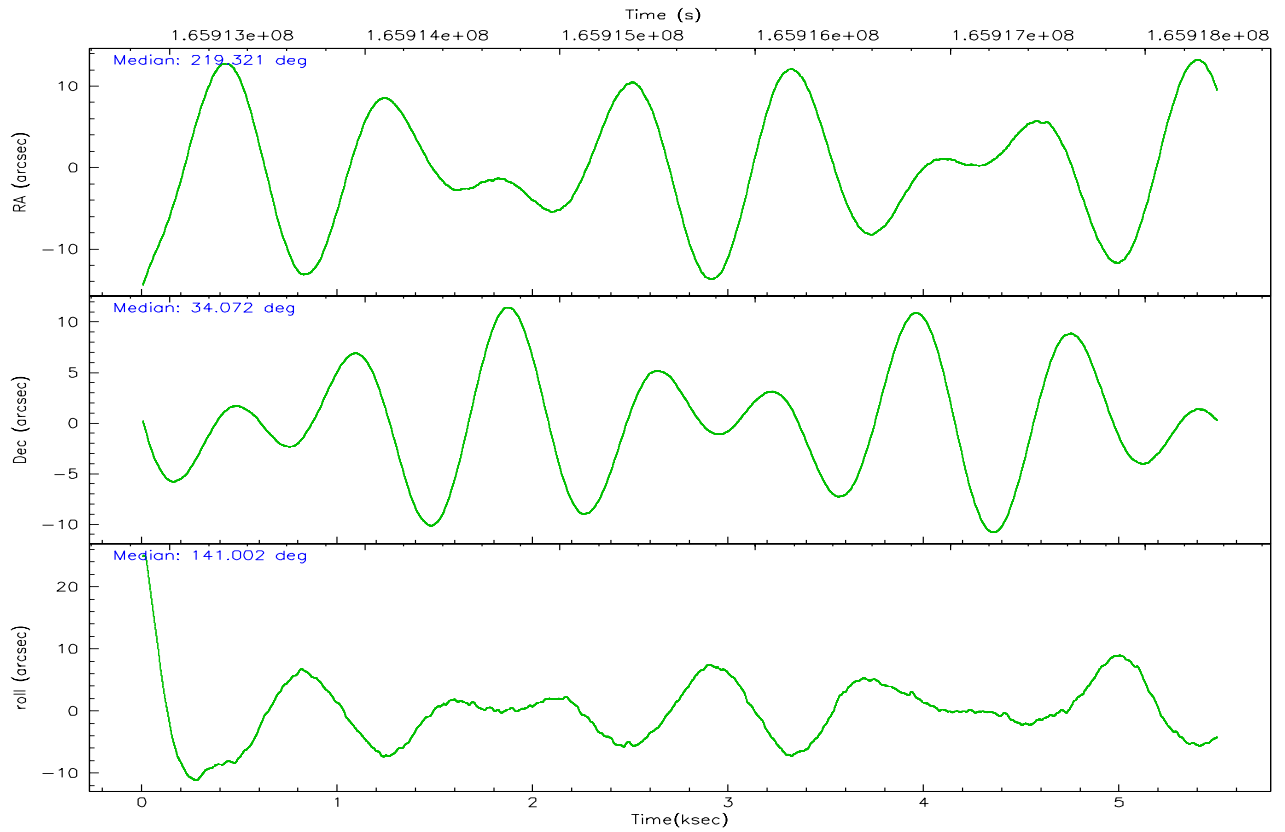
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	934	918	873	855	891
	4%	3%	3%	3%	3%
grade 1 events	14	11	7	13	13
	0%	0%	0%	0%	0%
grade 2 events	604	527	515	493	535
	2%	2%	1%	1%	2%
grade 3 events	318	323	277	275	270
	1%	1%	1%	1%	1%
grade 4 events	284	301	287	265	277
	1%	1%	1%	1%	1%
grade 5 events	709	767	686	854	781
	3%	3%	2%	3%	3%
grade 6 events	424	506	443	442	514
	1%	2%	1%	1%	2%
grade 7 events	20025	19849	24406	22691	20630
	85%	85%	88%	87%	86%

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	219.353806	219.3211921066193	Alternating exposures requested	N	N
Pointing Dec	34.067923	34.07201255668075	Primary exposure time	0.000000	3.1
Pointing Roll	140.783174	141.0101576238187			
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	165913467.184000	165912300.47195			
Observation start date	2003-04-05T07:03:23	2003-04-05T06:45:00			
Observation end time	165918367.184000	165918500.69721			
Observation end date	2003-04-05T08:25:03	2003-04-05T08:28:20			
Read mode	TIMED	TIMED			

2.3 Aspect



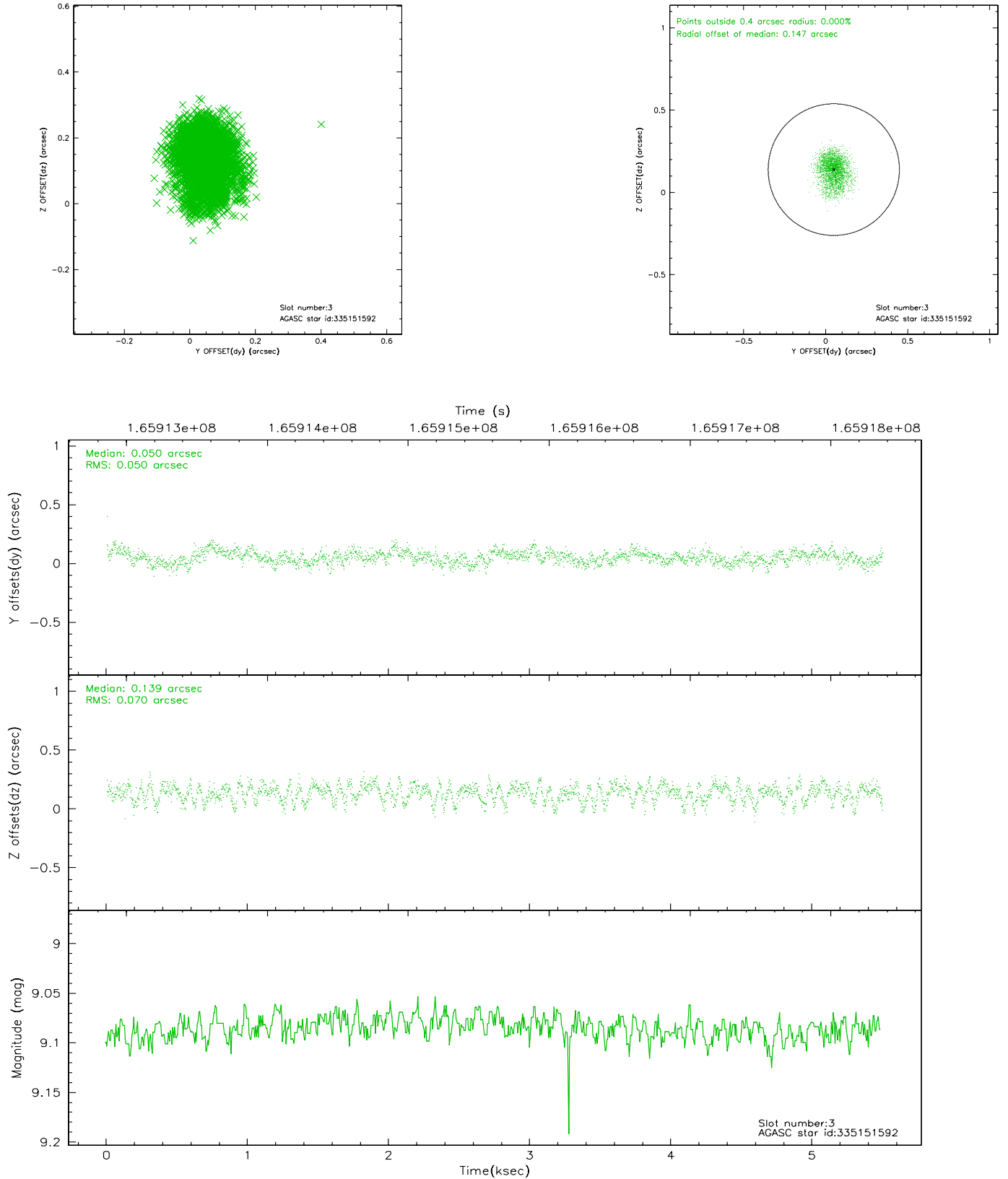


Slot Statistics

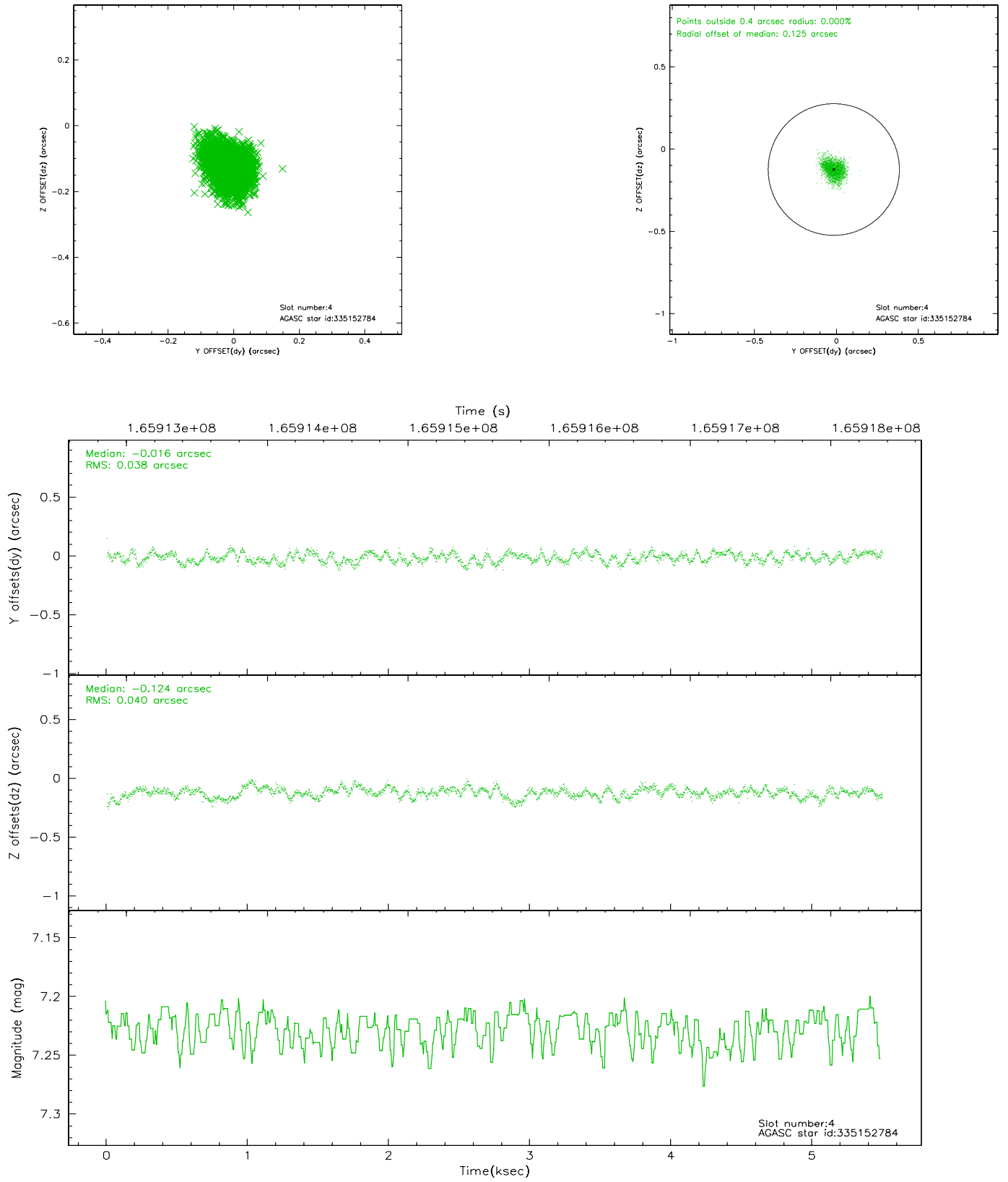
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1341	-0.059	-0.025	0.008	0.013	0.000000	0.000000	937.65	-830.56
1	FID	ACIS-I-4	7.18	1341	0.009	0.069	0.007	0.011	0.000000	0.000000	2158.38	1068.80
2	FID	ACIS-I-5	7.23	1340	-0.048	0.027	0.006	0.011	0.000000	0.000000	-1808.92	1067.86
3	GUIDE	335151592	9.08	2679	0.050	0.139	0.093	0.148	220.179561	34.279746	-1413.82	-2151.49
4	GUIDE	335152784	7.23	2681	-0.016	-0.124	0.060	0.093	219.280617	33.678221	-717.37	1224.64
5	GUIDE	335152968	9.76	2681	-0.071	0.037	0.123	0.197	219.446087	34.867883	1610.17	-2402.76
6	GUIDE	335155824	8.93	2682	0.055	0.023	0.069	0.111	219.689900	34.035435	-848.46	-545.46
7	GUIDE	335157088	9.09	2680	-0.019	-0.065	0.069	0.114	219.274029	33.726909	-591.09	1101.88

2.4 Star Slots

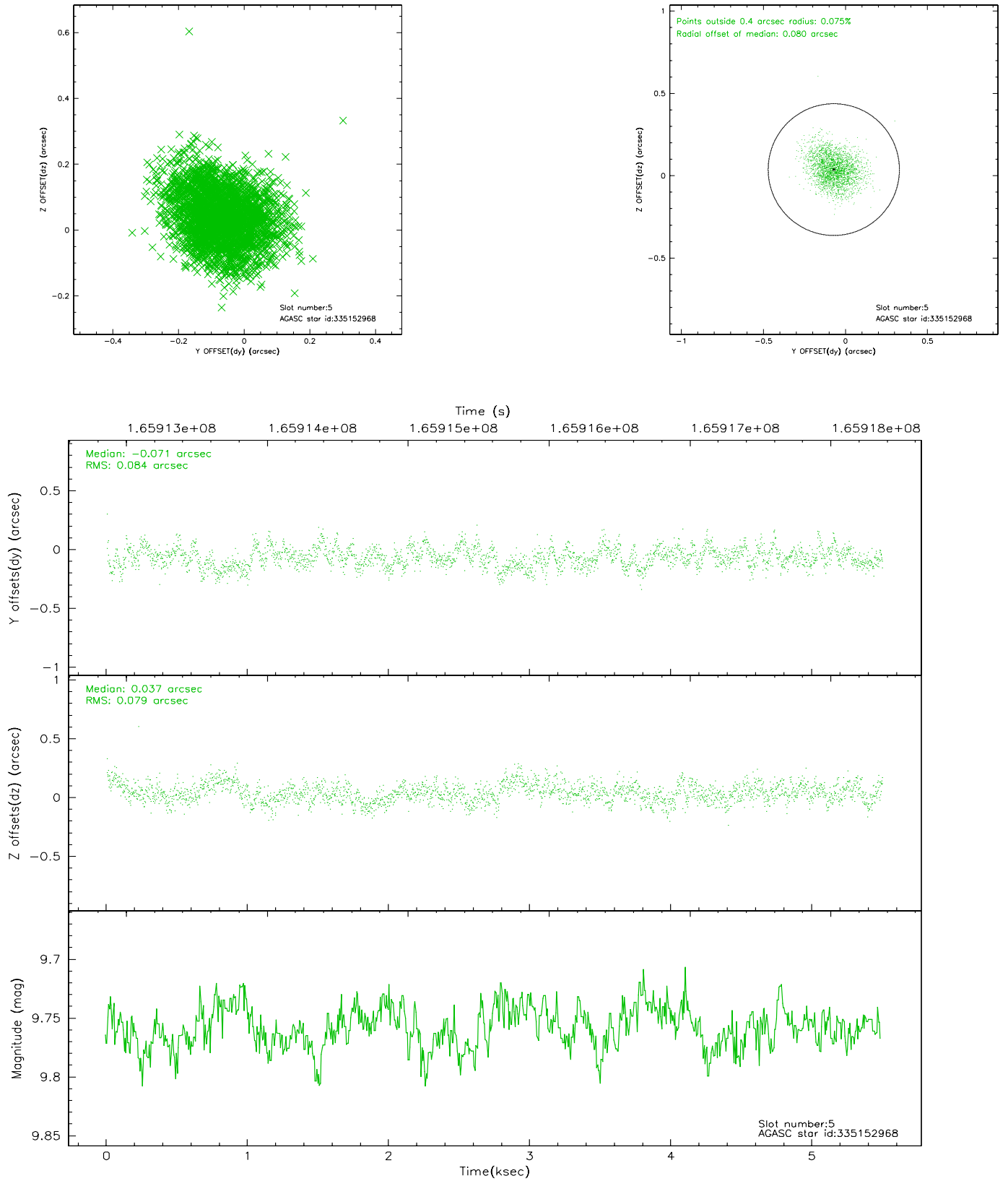
2.4.1 Slot 3



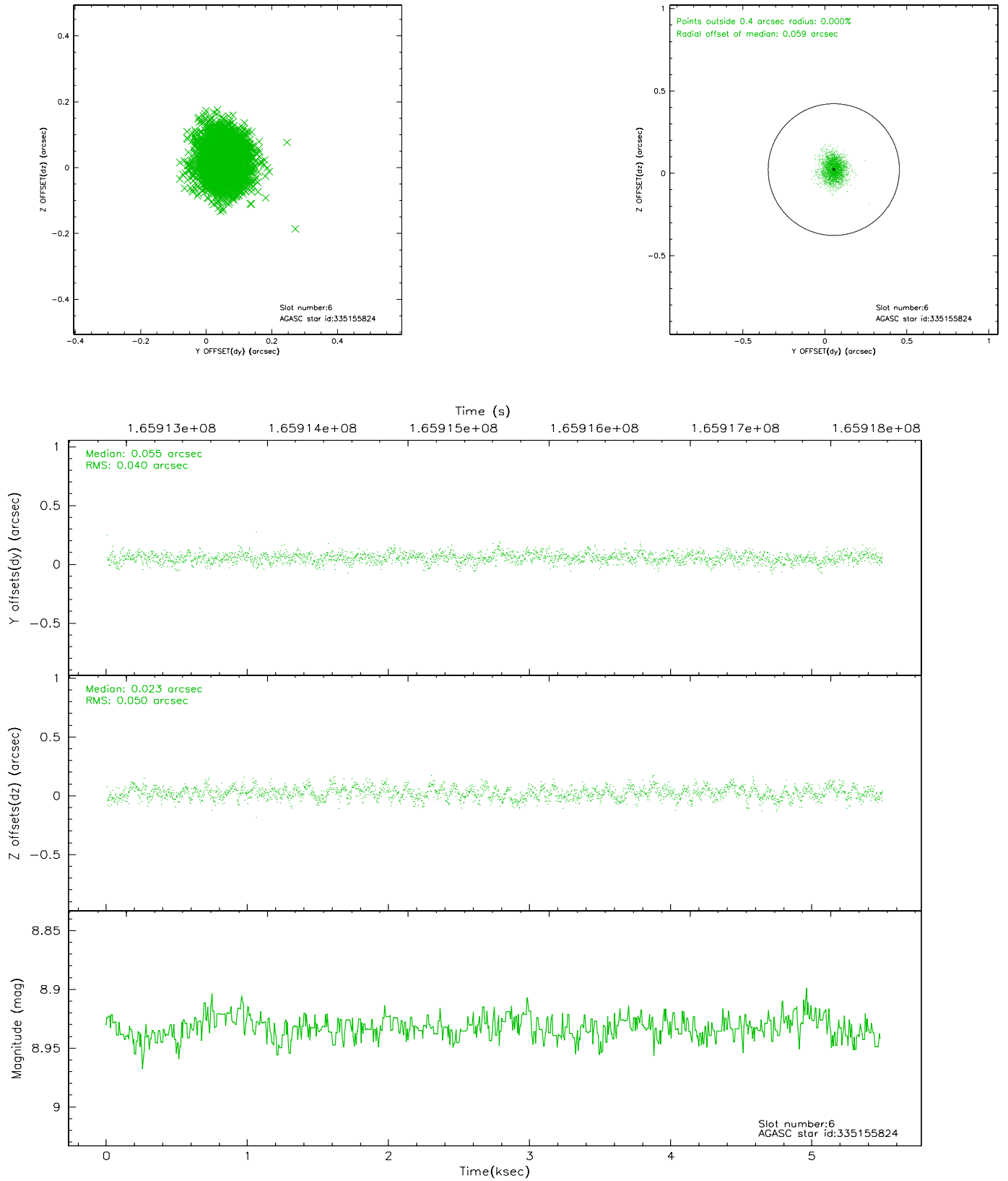
2.4.2 Slot 4



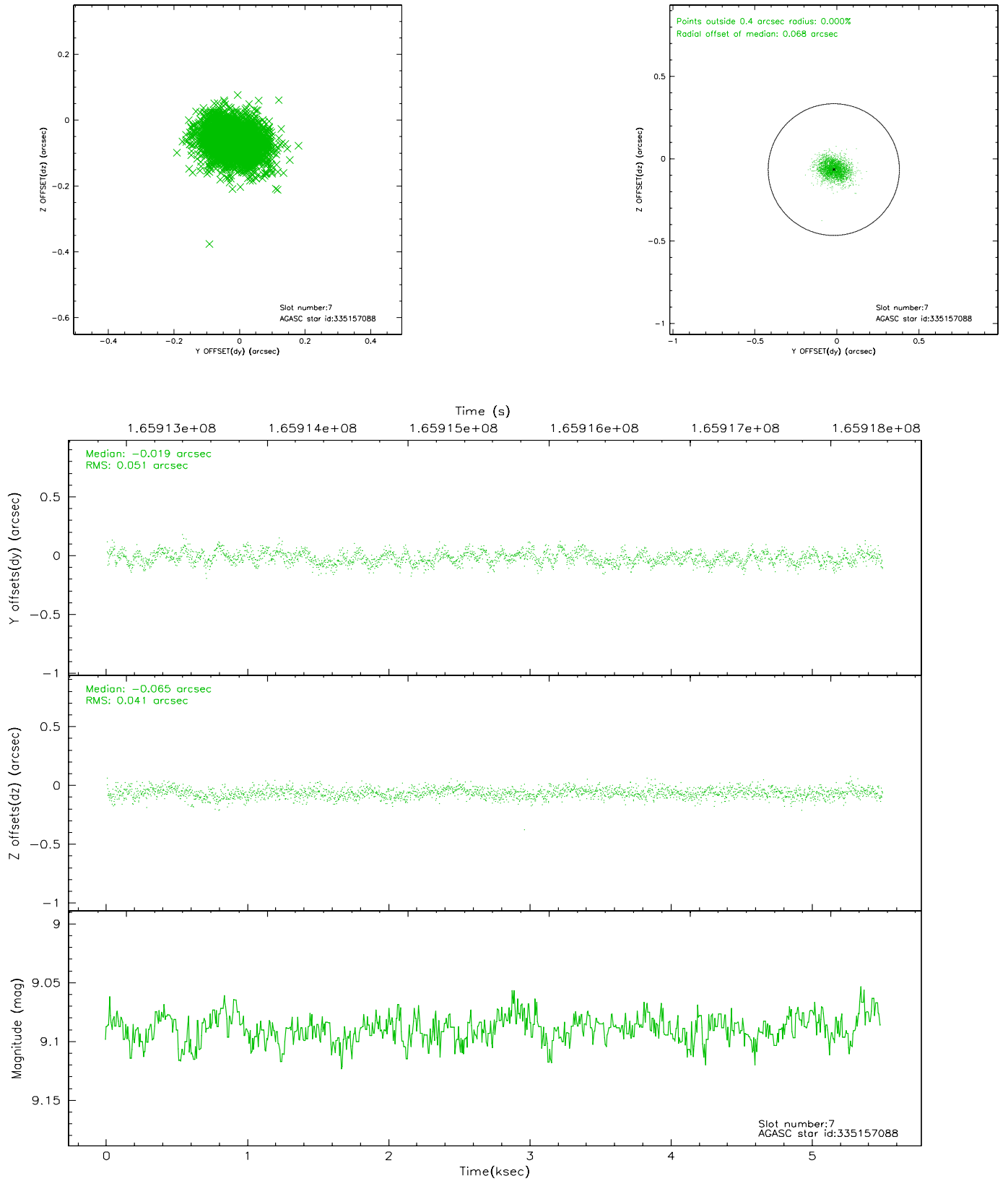
2.4.3 Slot 5



2.4.4 Slot 6

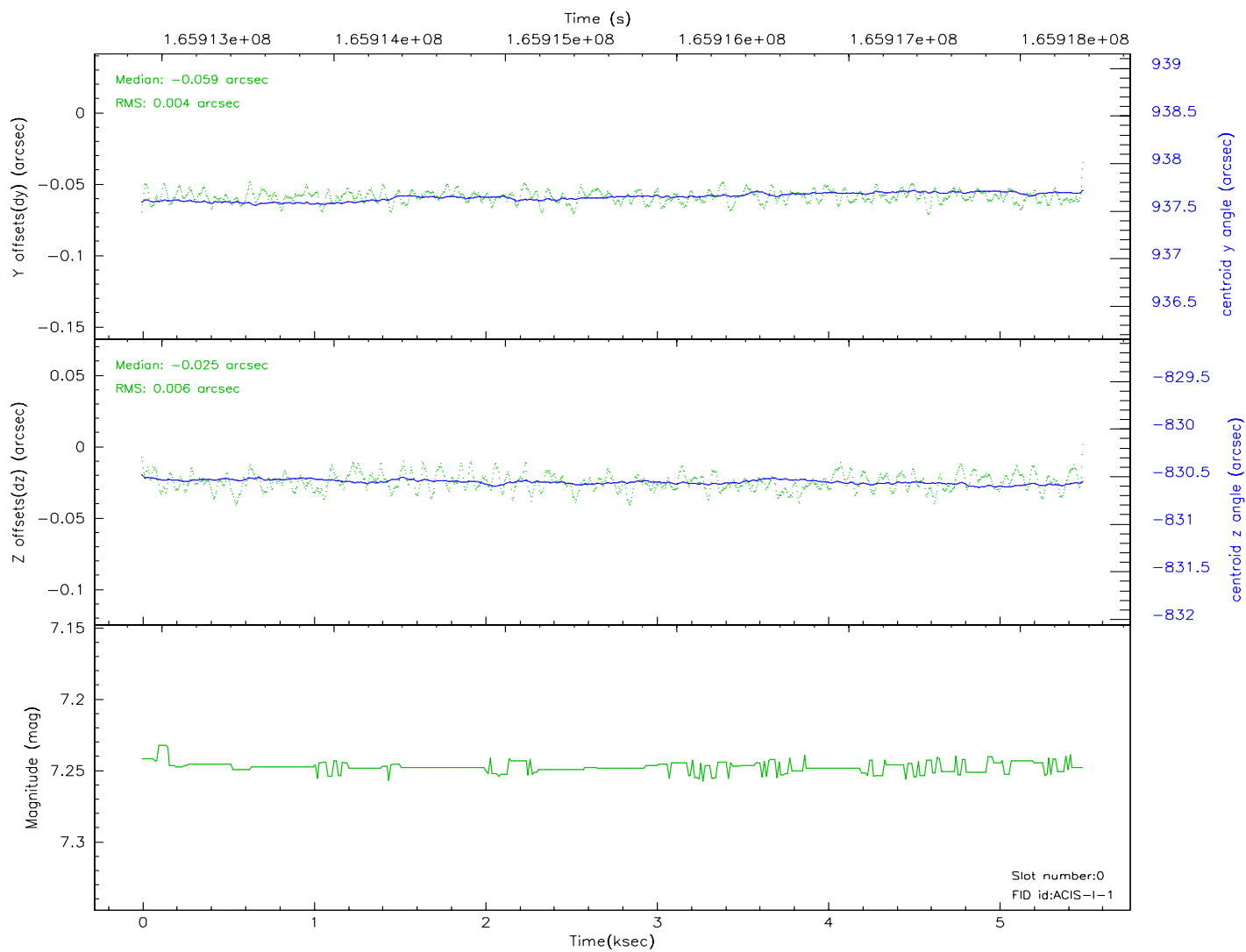
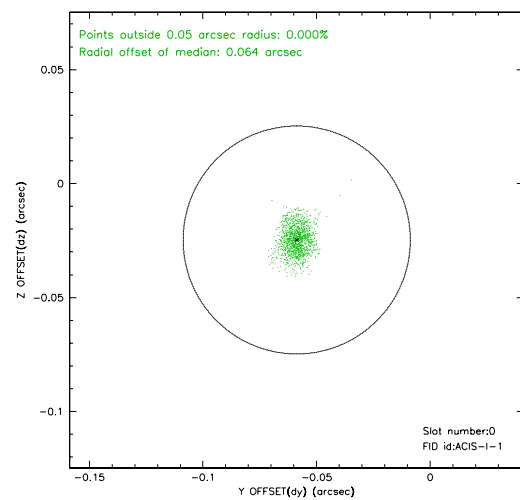
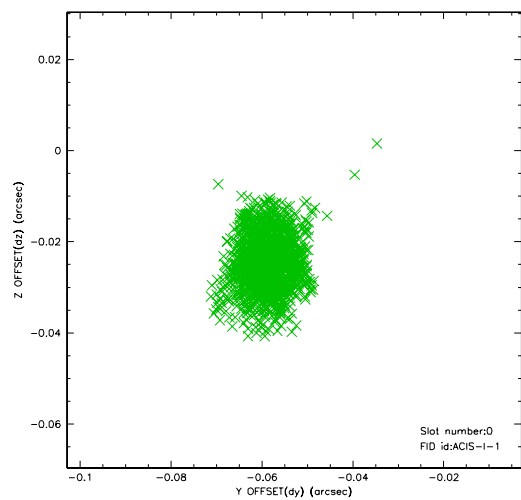


2.4.5 Slot 7

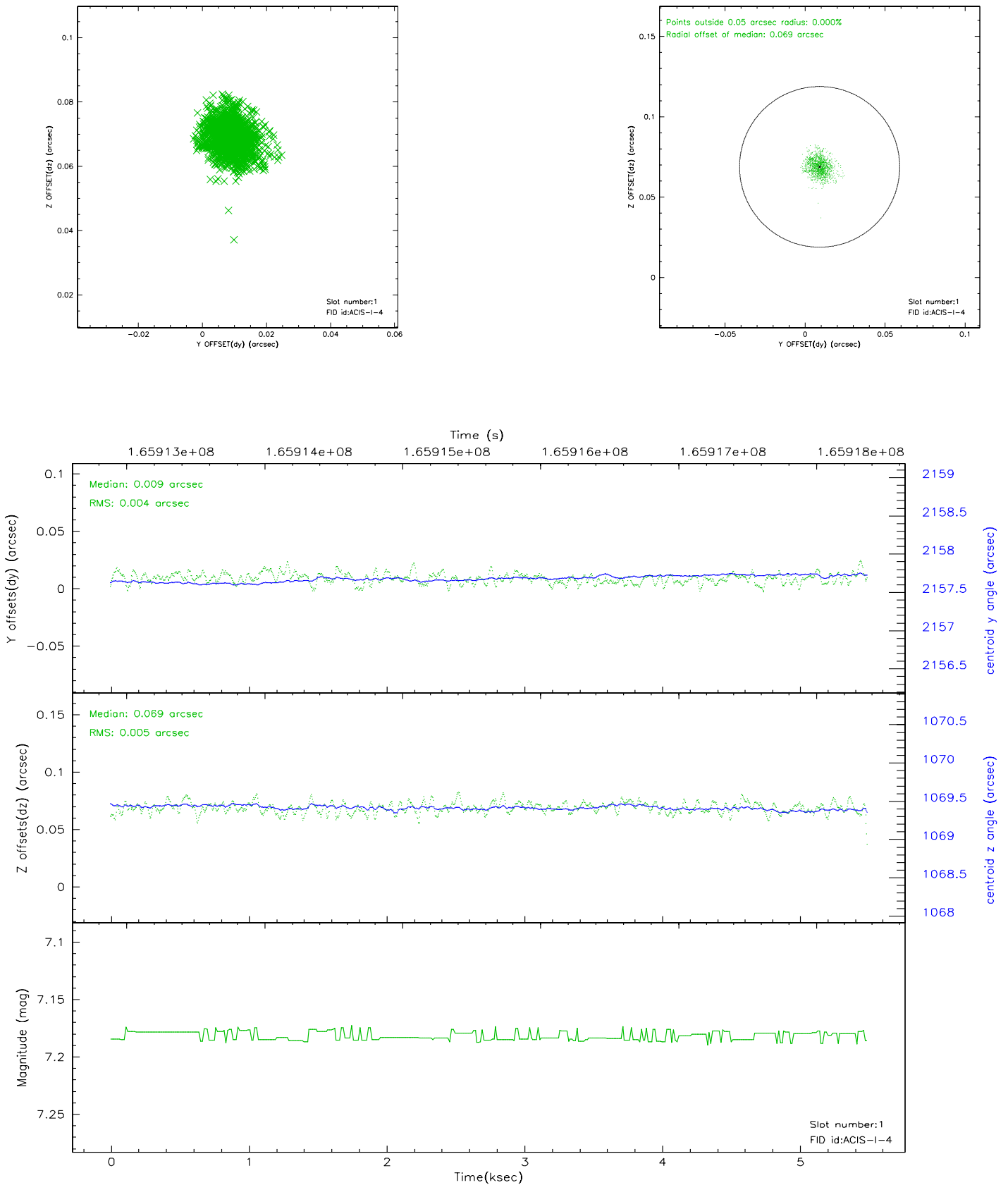


2.5 FID Slots

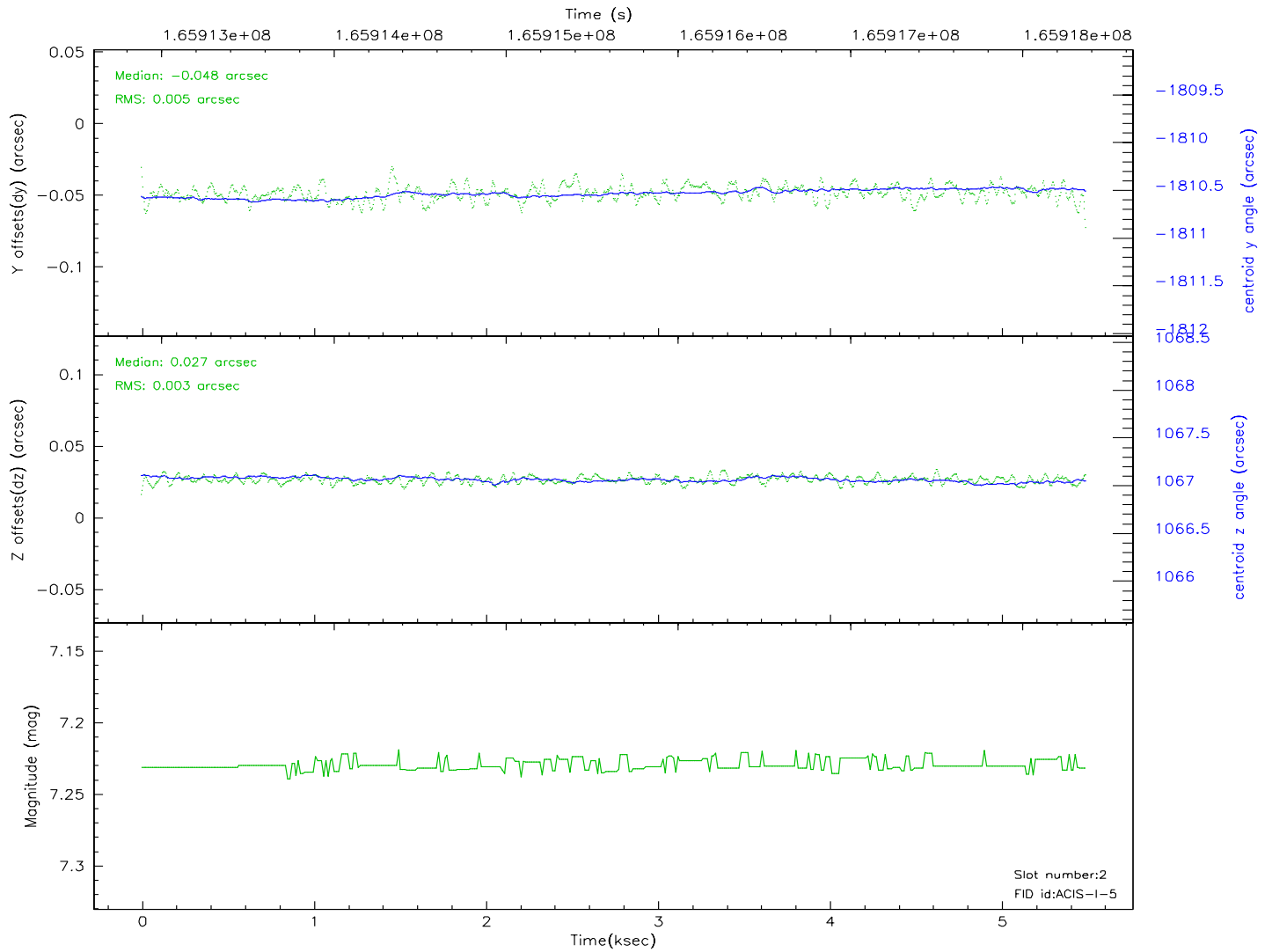
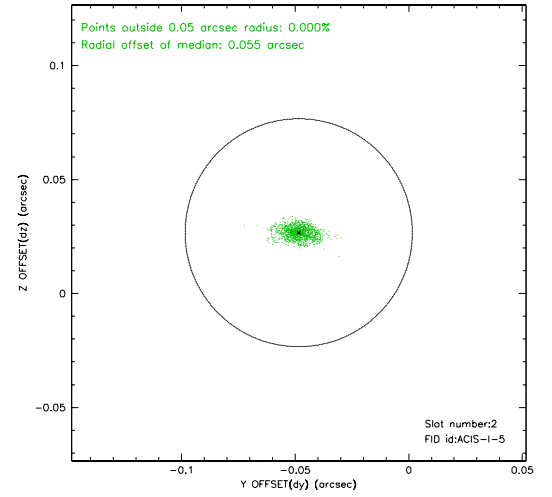
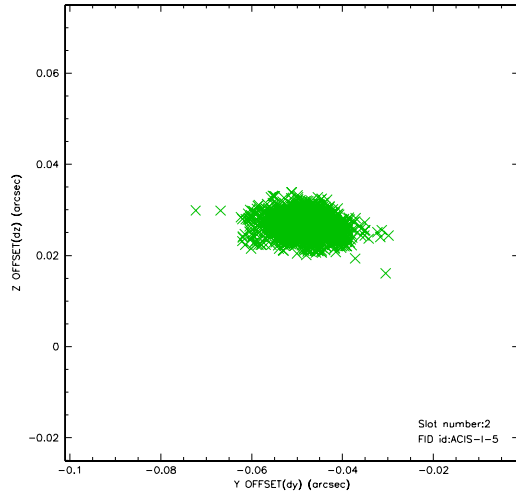
2.5.1 Slot 0



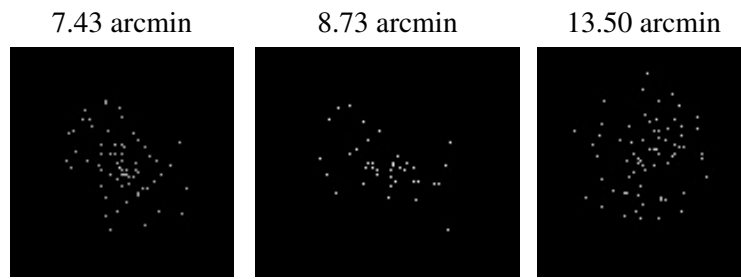
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.018

A.2 Comments