

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4249 - L2 Version 001
Chandra X-Ray Center

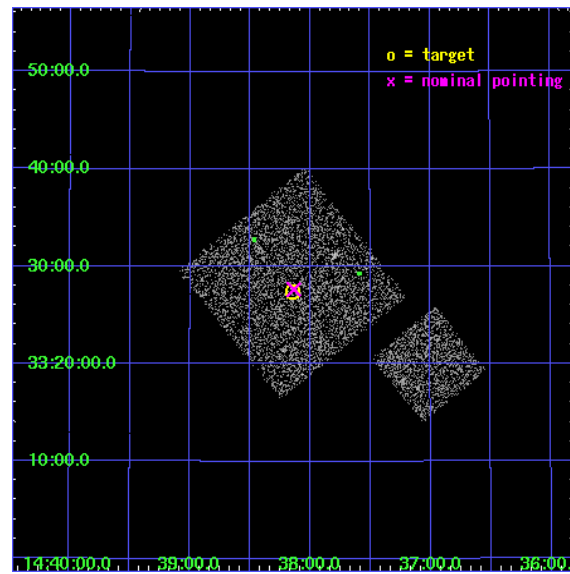
L2 Processing Date : Jul 30 2006

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

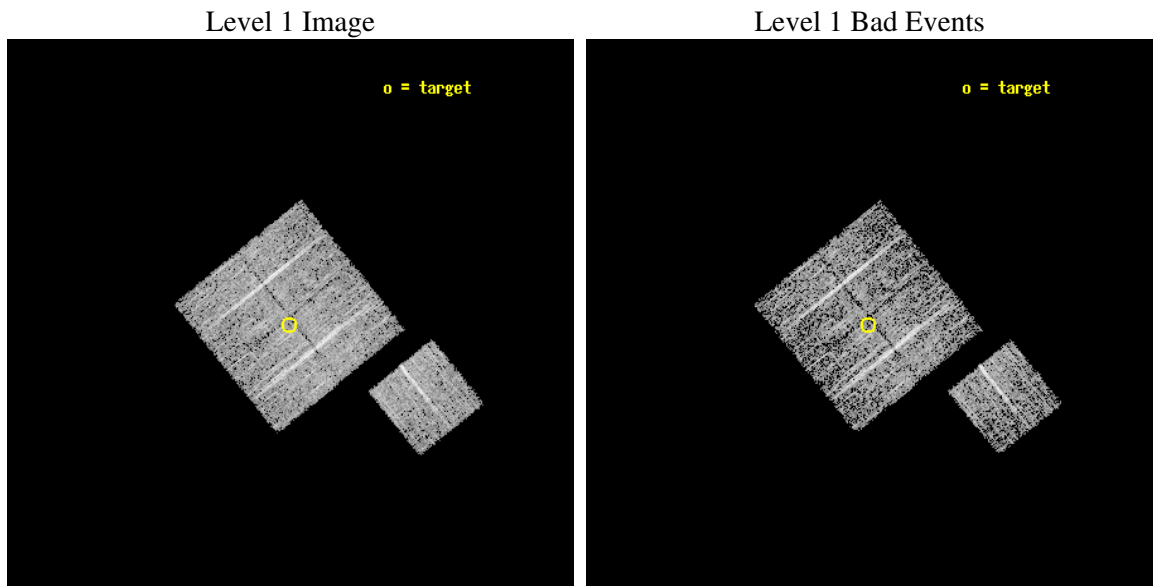
seq_num	900292
obs_id	4249
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SD18
dtcycle	0
cycle	P
ra_targ	219.536665
dec_targ	33.456918
ra_nom	219.53401152429
dec_nom	33.460934640612
roll_nom	141.01012386003
revision	2
ontime	4674.7999910116
livetime	4613.7202875914
ontime0	4674.7999910116
ontime1	4674.7999910116
ontime2	4674.7999910116
ontime3	4674.7999910116
ontime6	4674.7999910116
l2events	9440



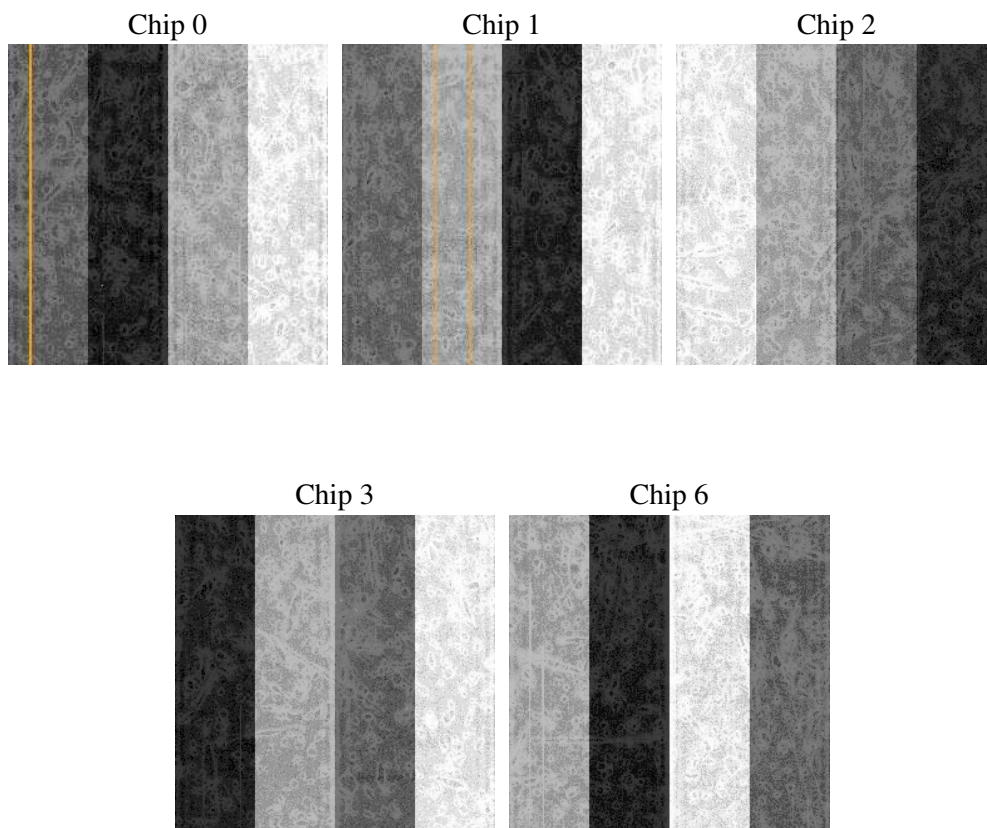
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-30T05:33:30
revision	2

sched_exp_time	4900.000000
ontime	4680.0992074907
ontime0	4680.0992074907
ontime1	4680.0992074907
ontime2	4680.0992074907
ontime3	4680.0992074907
ontime6	4680.0992074907
l1events	116943

2.1.4 Events

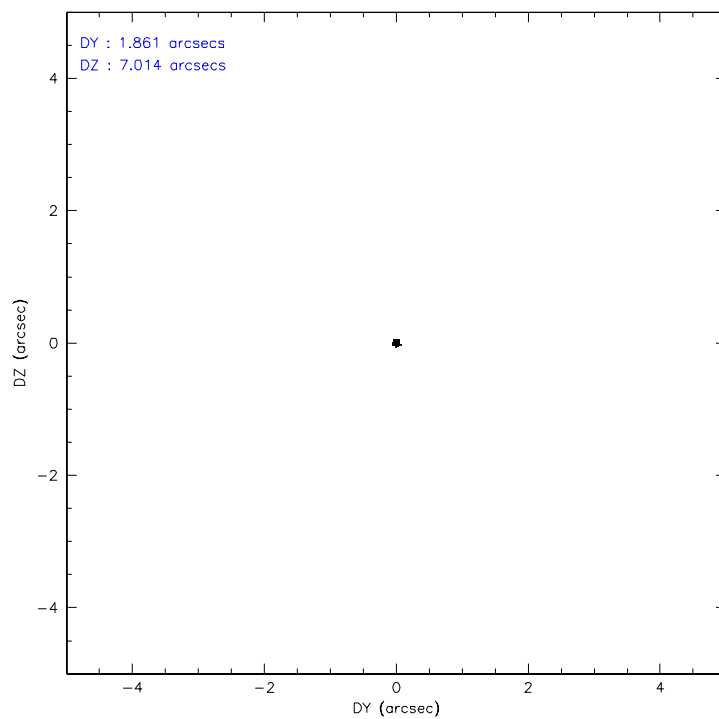
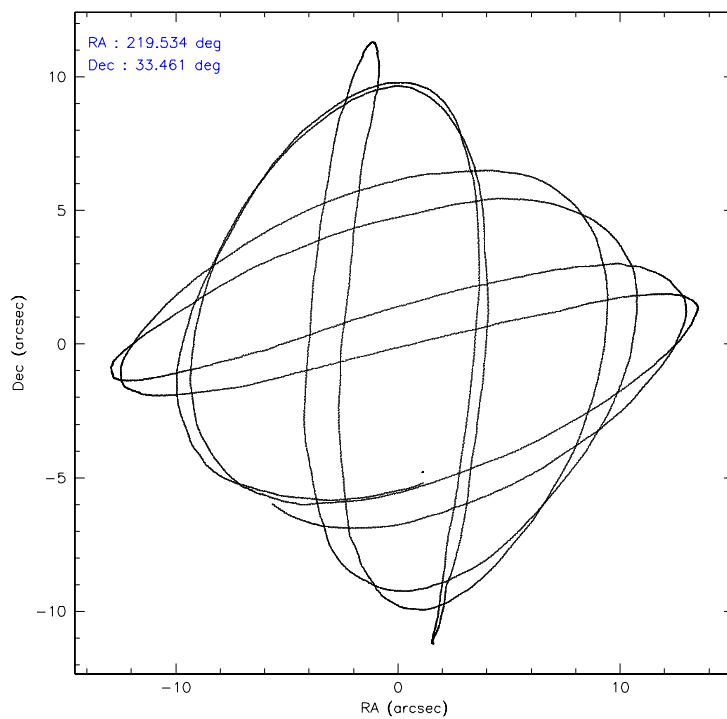
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21898	22680	24019	24757	23589
rejected events	19674	20276	21707	22532	21151
rejected %	89%	89%	90%	91%	89%

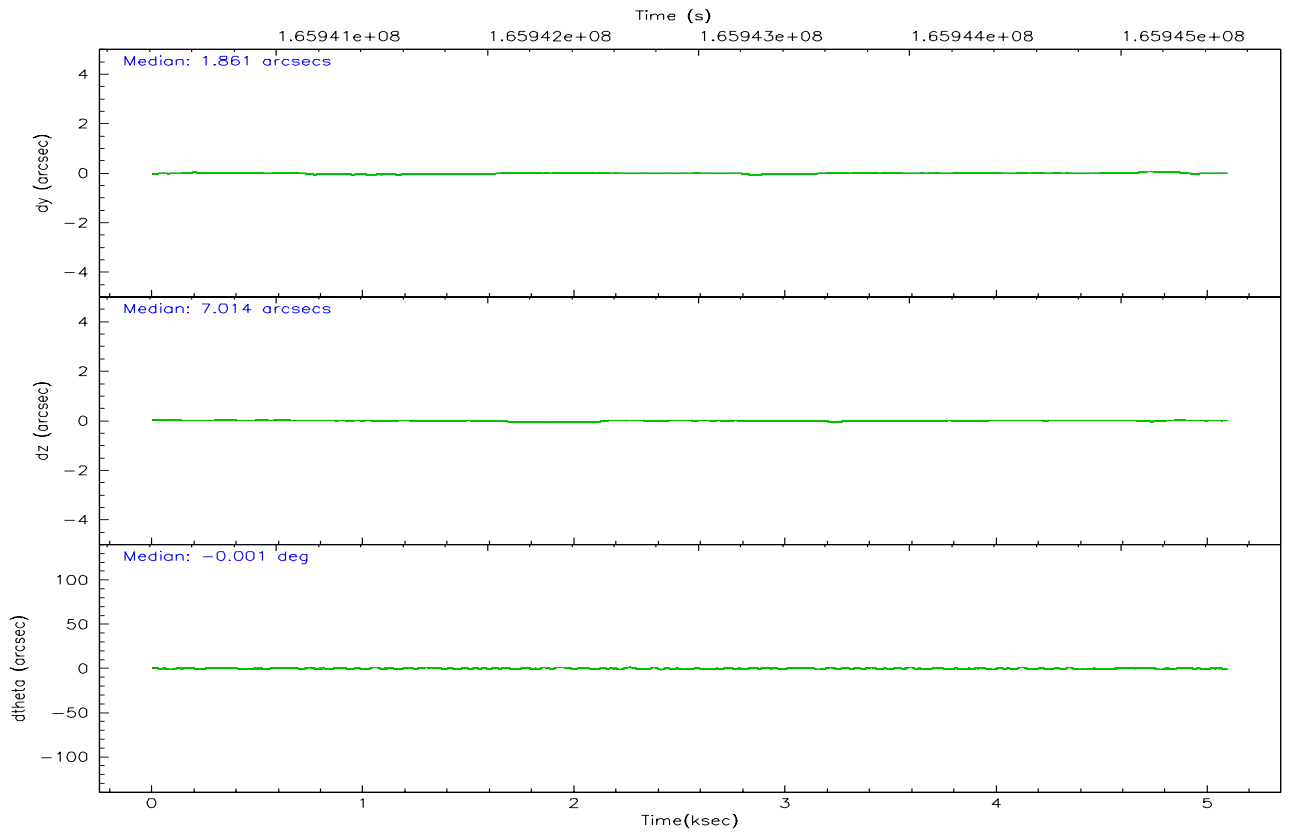
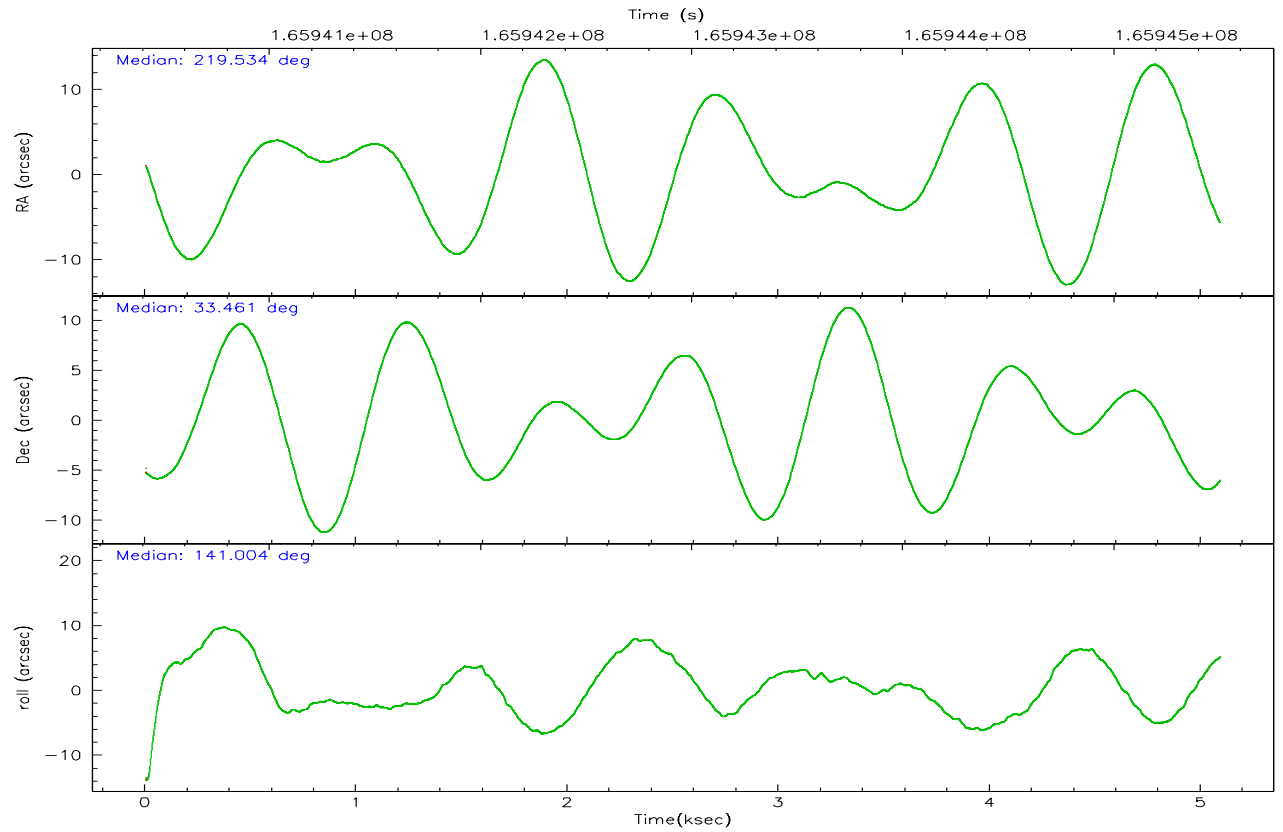
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	822	814	925	813	895
	3%	3%	3%	3%	3%
grade 1 events	18	11	13	13	9
	0%	0%	0%	0%	0%
grade 2 events	529	500	511	454	530
	2%	2%	2%	1%	2%
grade 3 events	259	299	246	289	294
	1%	1%	1%	1%	1%
grade 4 events	226	307	245	261	276
	1%	1%	1%	1%	1%
grade 5 events	662	724	640	808	726
	3%	3%	2%	3%	3%
grade 6 events	392	488	389	408	447
	1%	2%	1%	1%	1%
grade 7 events	18990	19537	21050	21711	20412
	86%	86%	87%	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	219.566493	219.5340115242923	Alternating exposures requested	N	N
Pointing Dec	33.456841	33.46093464061181	Primary exposure time	0.000000	3.1
Pointing Roll	140.783552	141.0101238600333			
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	165940612.184000	165940188.16063			
Observation start date	2003-04-05T14:35:48	2003-04-05T14:29:48			
Observation end time	165945512.184000	165945645.77336			
Observation end date	2003-04-05T15:57:28	2003-04-05T16:00:45			
Read mode	TIMED	TIMED			

2.3 Aspect



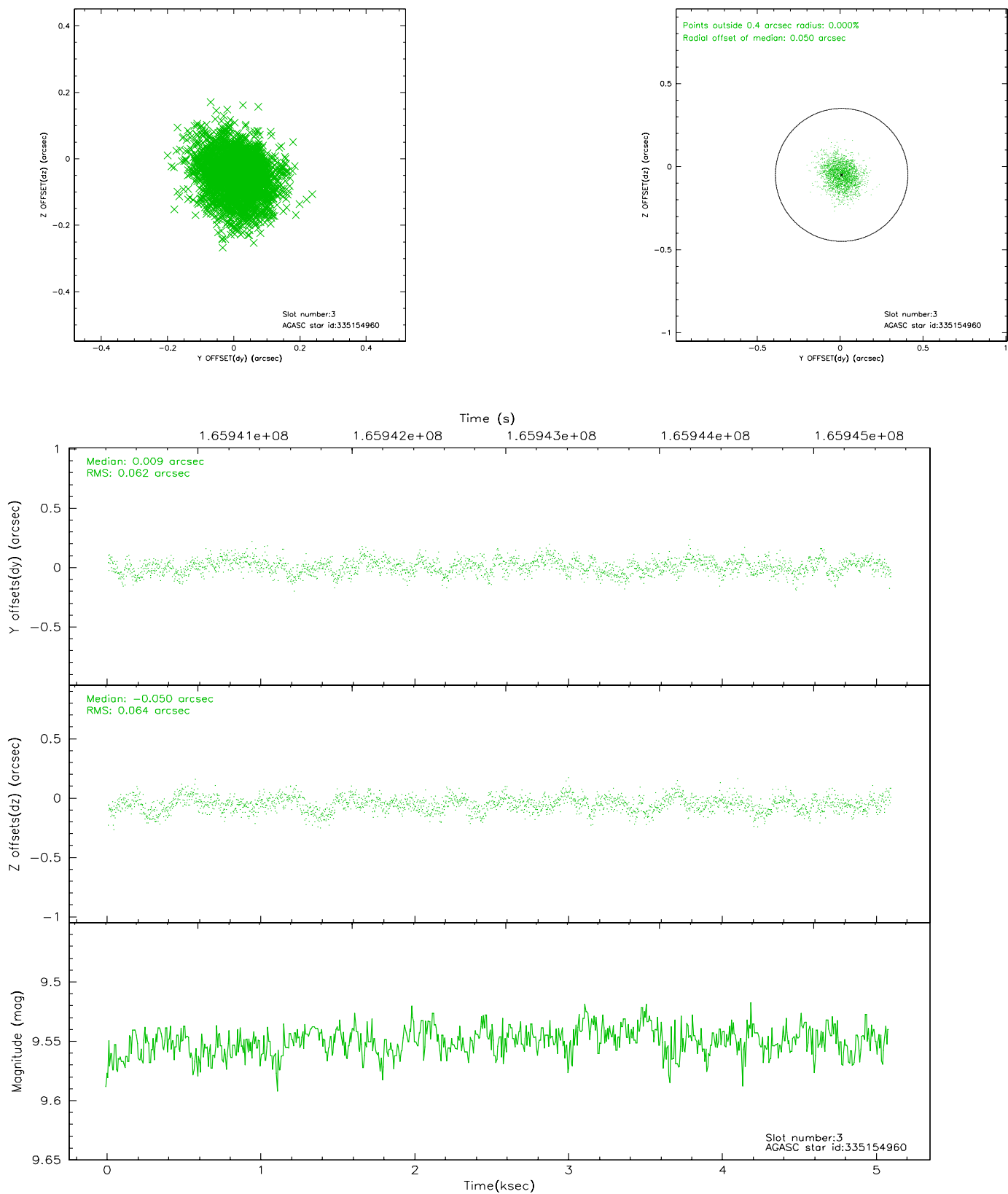


Slot Statistics

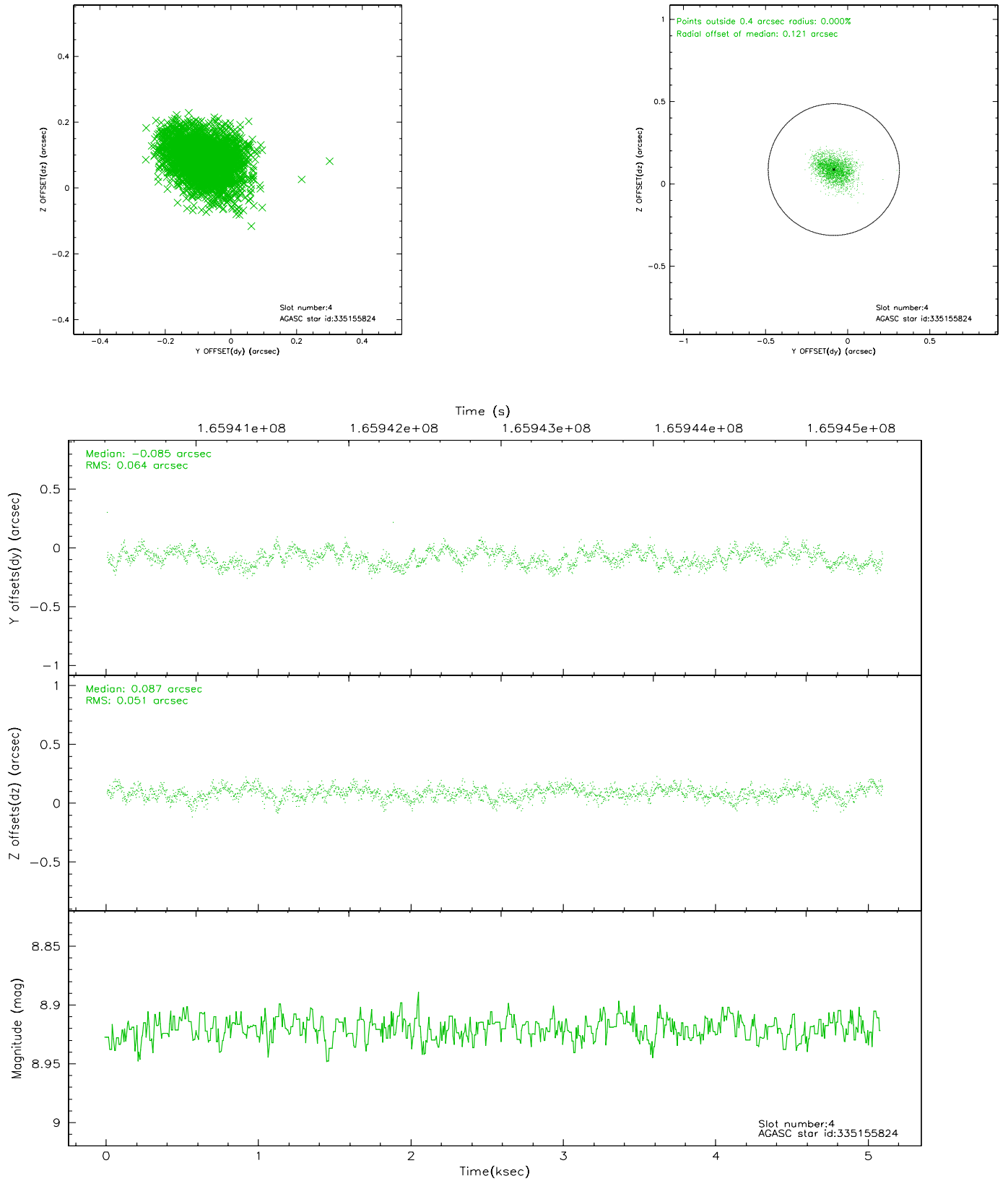
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1242	-0.011	0.037	0.006	0.012	0.000000	0.000000	937.94	-830.39
1	FID	ACIS-I-5	7.24	1242	-0.045	0.047	0.006	0.011	0.000000	0.000000	-1809.49	1066.58
2	FID	ACIS-I-6	7.26	1242	-0.036	-0.014	0.007	0.011	0.000000	0.000000	402.23	1712.32
3	GUIDE	335154960	9.55	2479	0.009	-0.050	0.094	0.153	219.209961	33.303073	481.98	1105.50
4	GUIDE	335155824	8.92	2482	-0.085	0.087	0.089	0.141	219.689900	34.035435	1032.53	-1846.19
5	GUIDE	335157088	9.09	2483	-0.036	0.053	0.065	0.109	219.274029	33.726909	1294.61	-201.20
6	GUIDE	335158960	9.54	2482	0.051	-0.011	0.086	0.141	219.582957	33.009904	-1054.97	1214.88
7	GUIDE	335161896	9.46	2482	0.057	-0.073	0.086	0.140	219.881342	33.121932	-1496.89	333.01

2.4 Star Slots

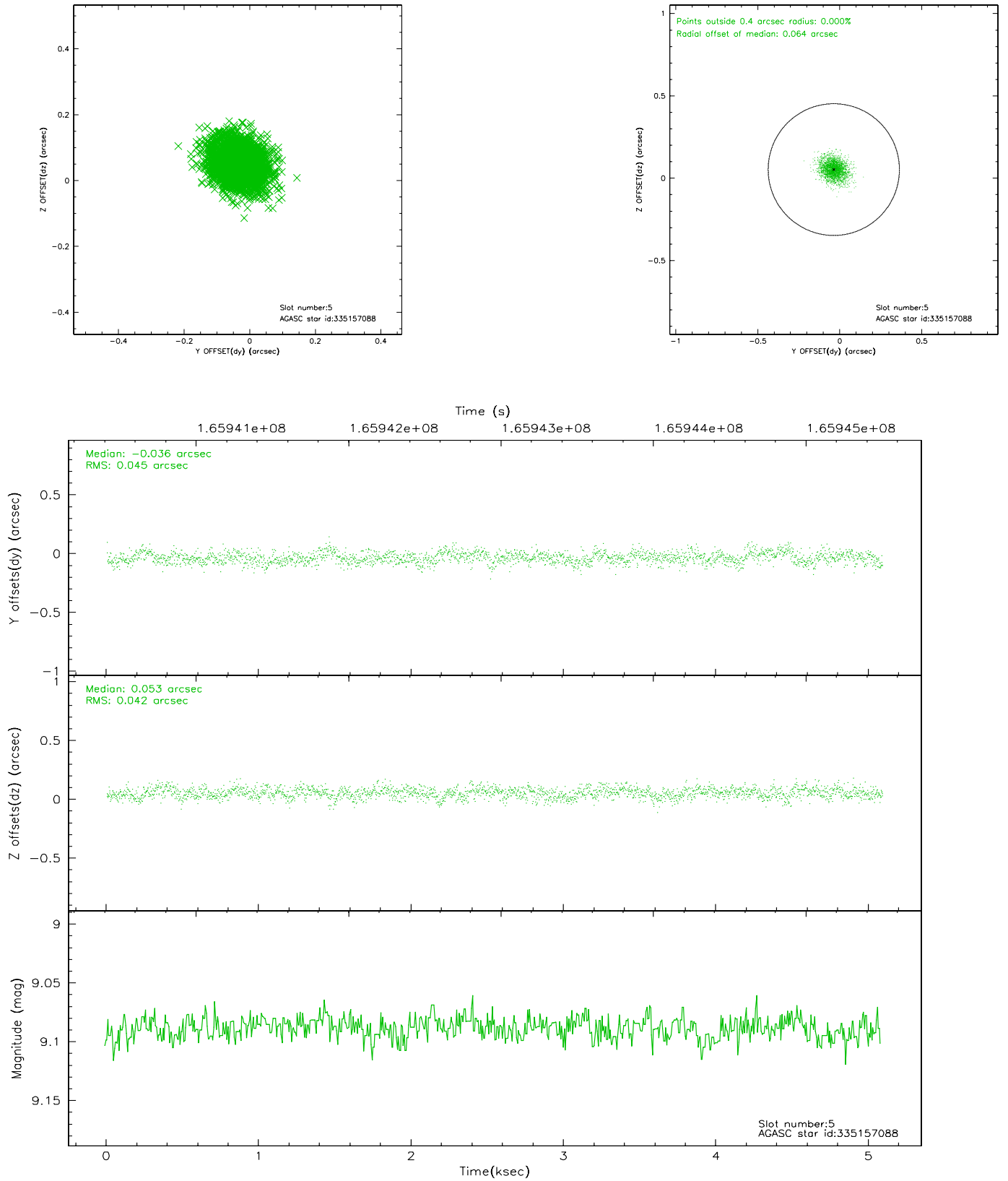
2.4.1 Slot 3



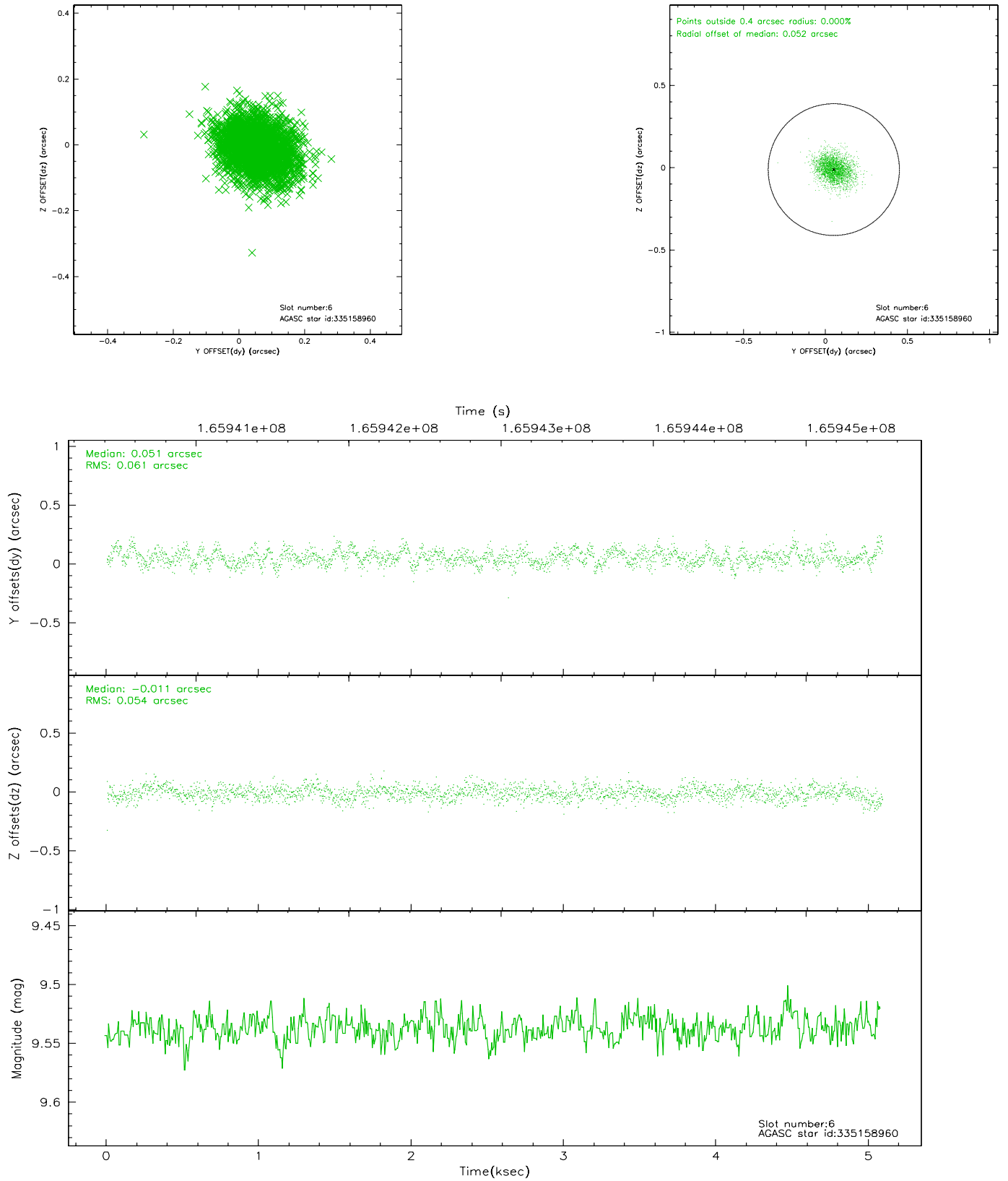
2.4.2 Slot 4



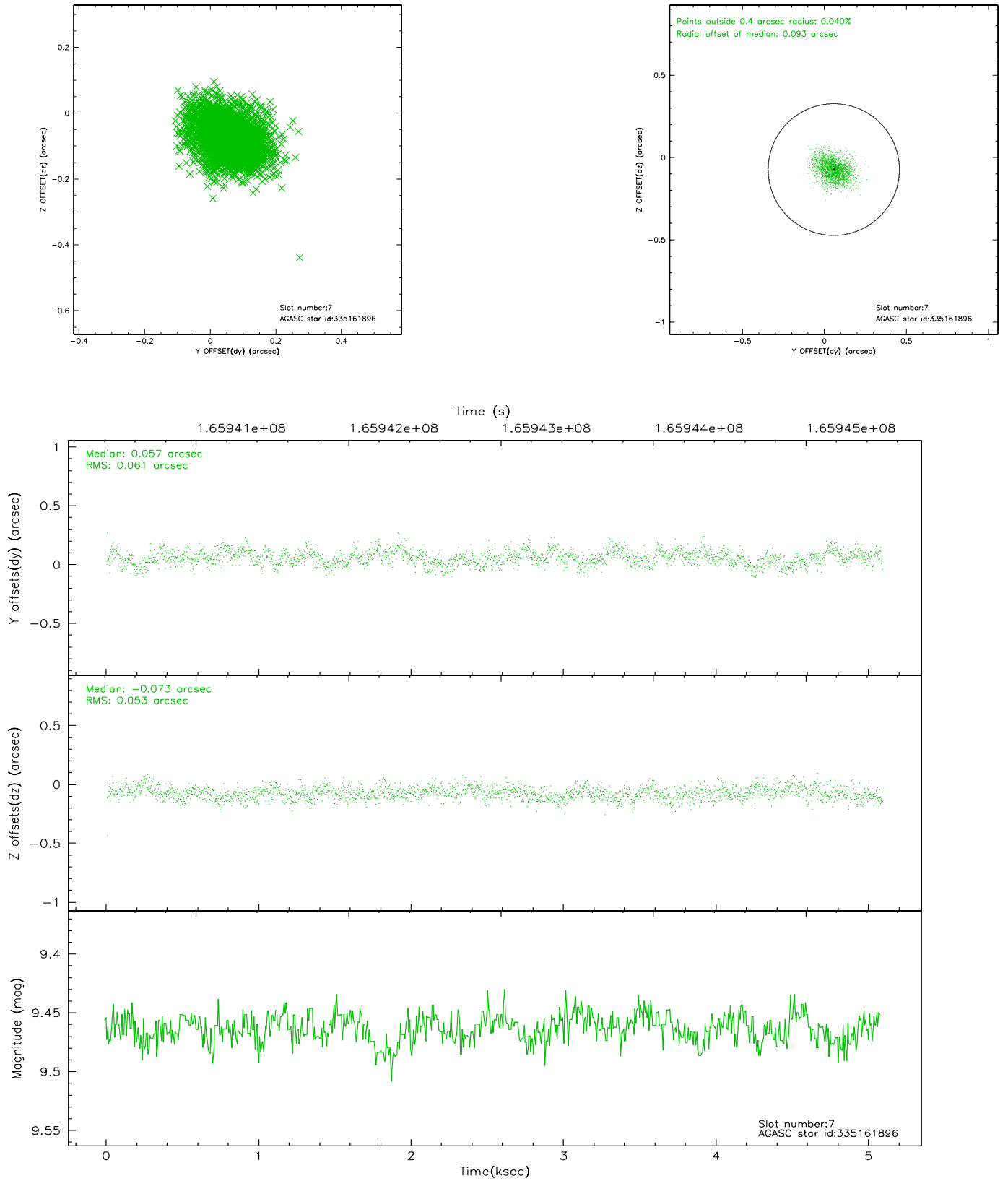
2.4.3 Slot 5



2.4.4 Slot 6

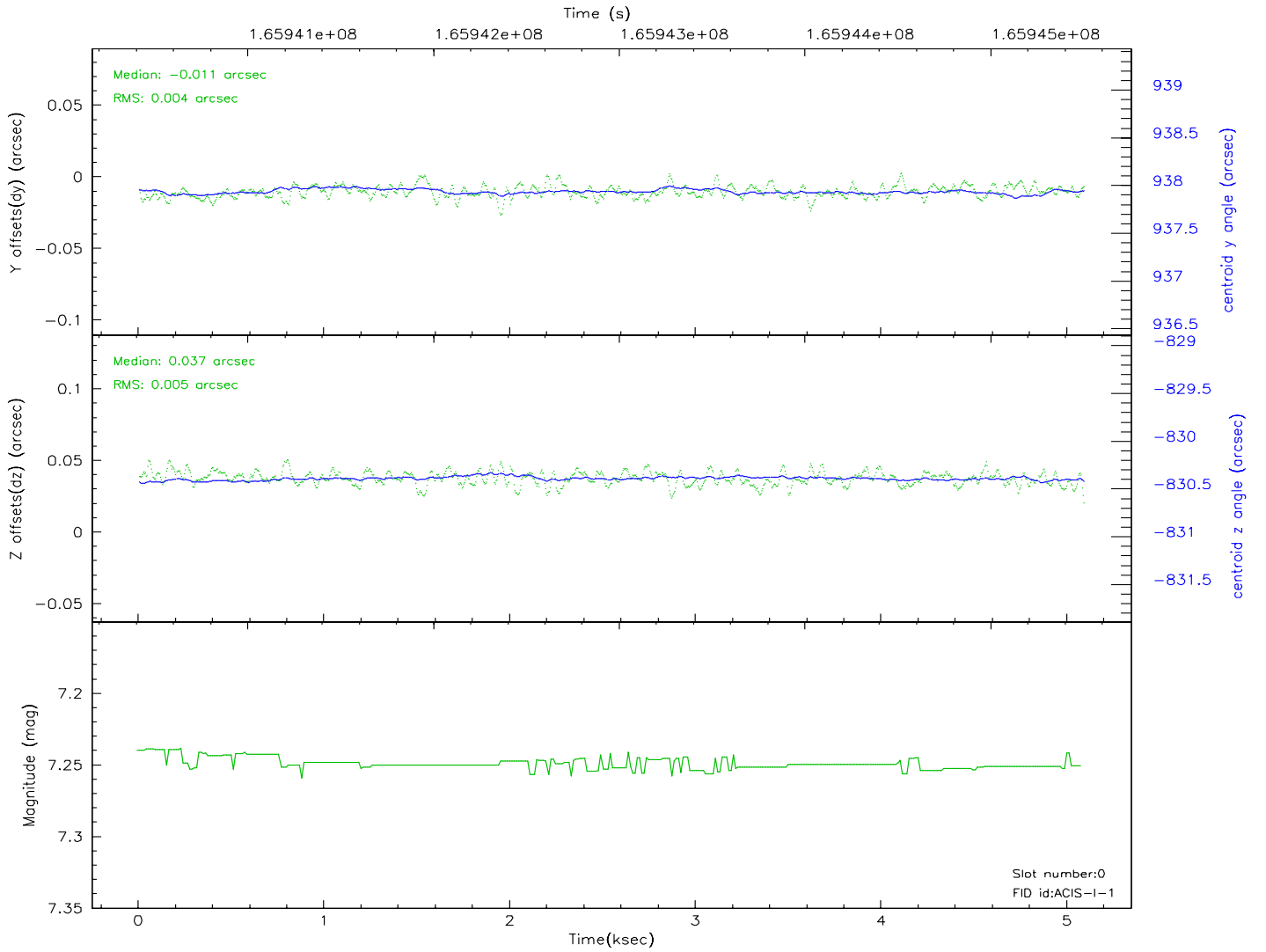
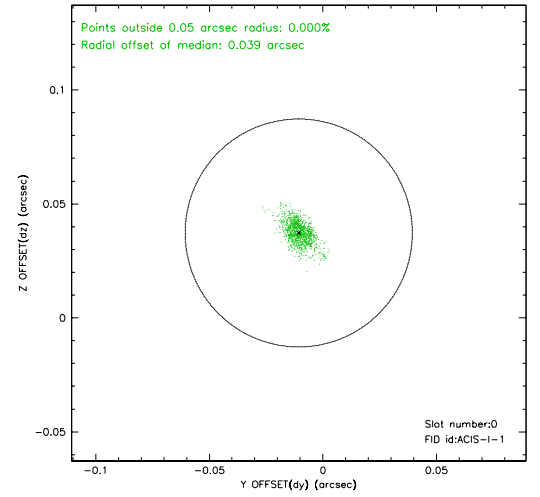
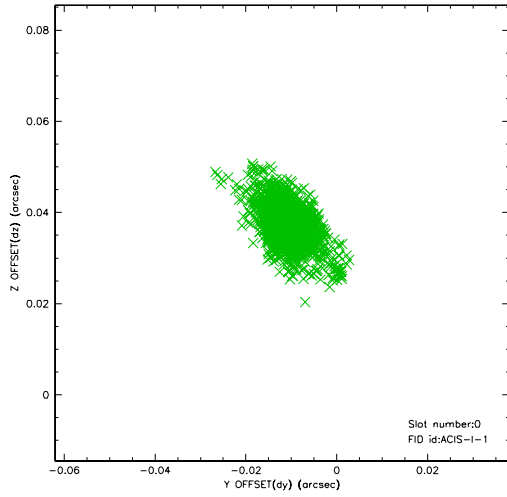


2.4.5 Slot 7

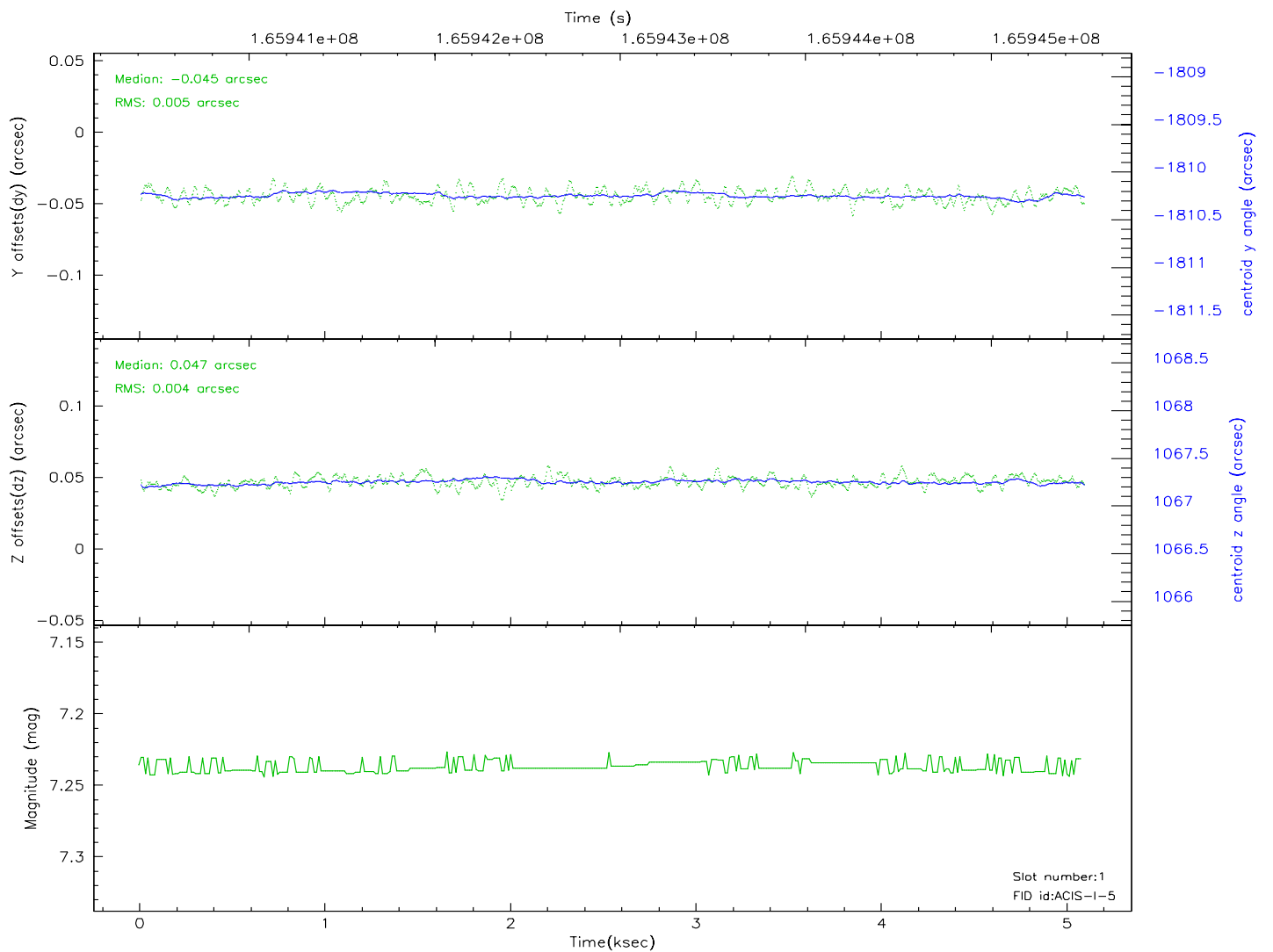
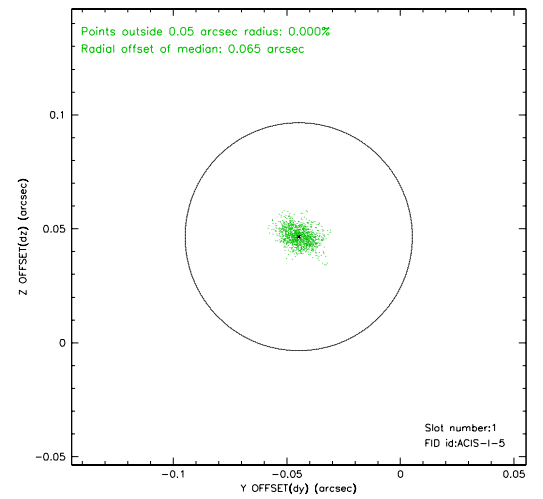
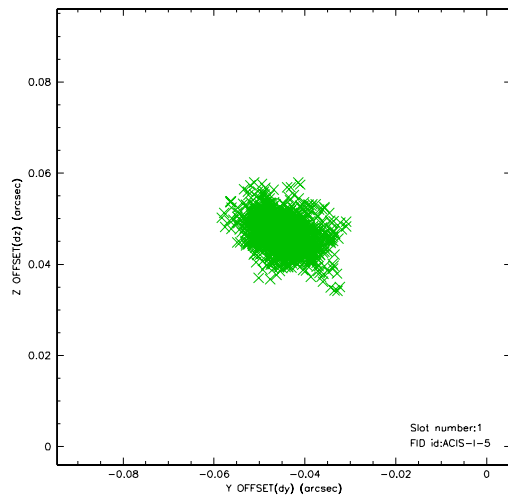


2.5 FID Slots

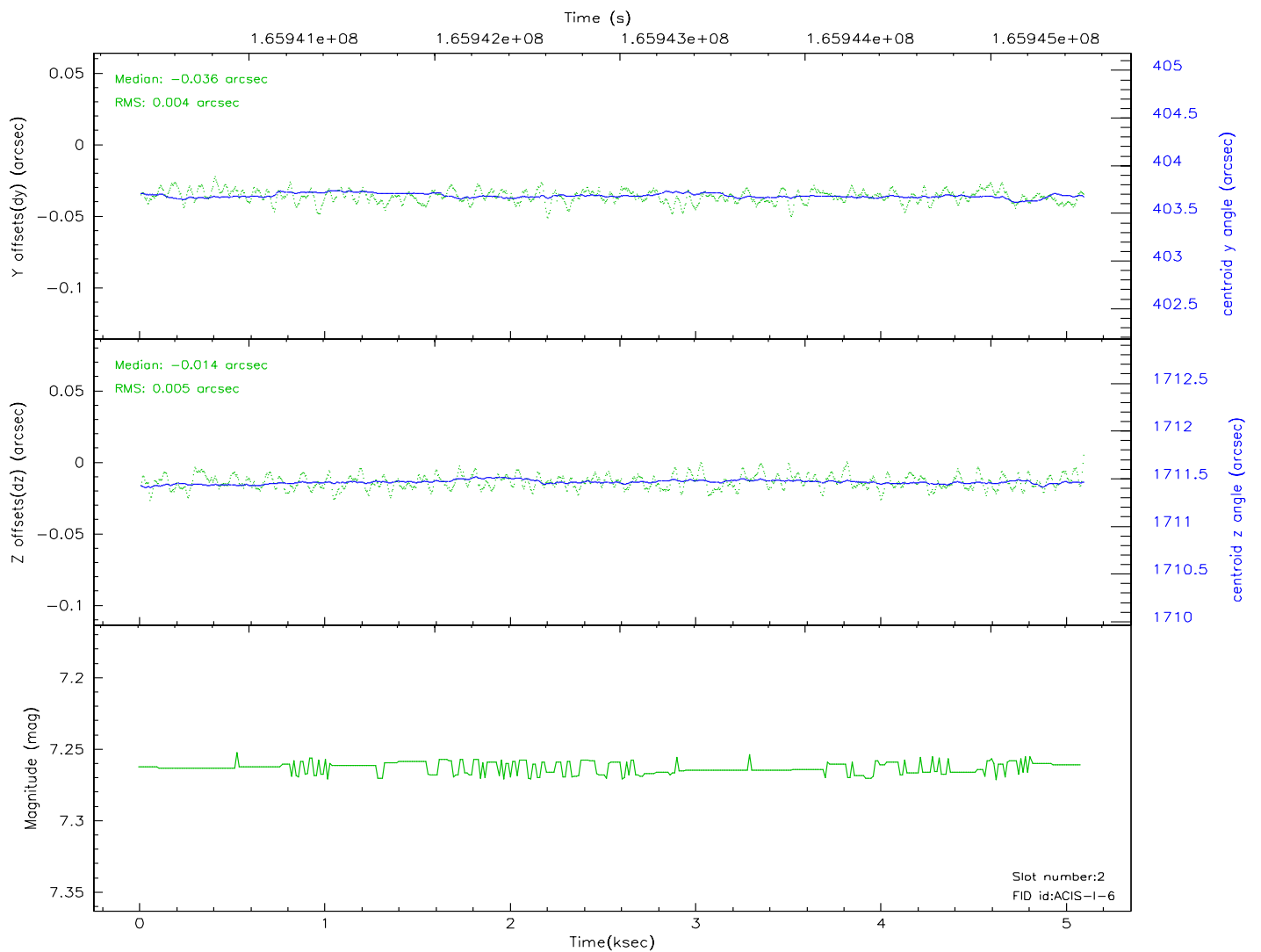
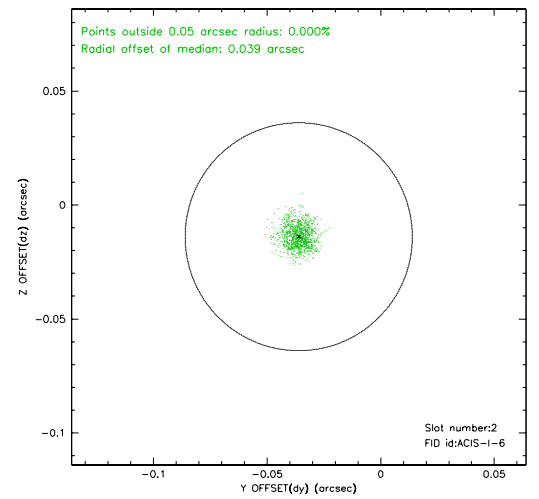
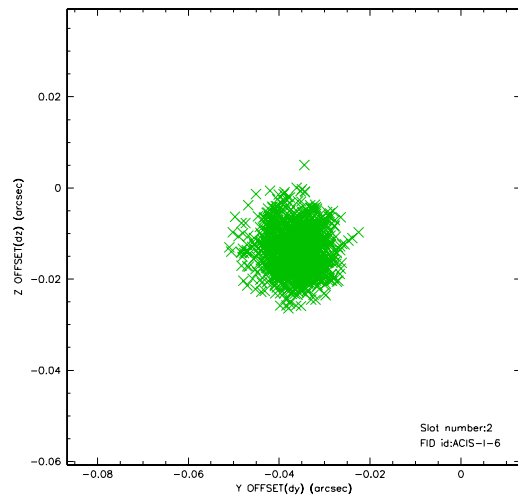
2.5.1 Slot 0



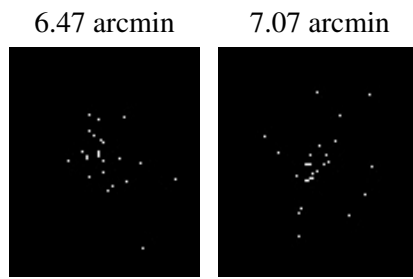
2.5.2 Slot 1



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	4.677

A.2 Comments