

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 983 - L2 Version 001
Chandra X-Ray Center

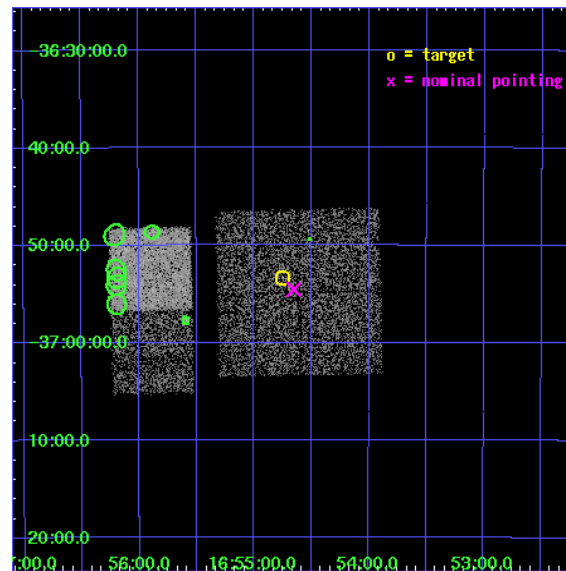
L2 Processing Date : Dec 21 2006

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

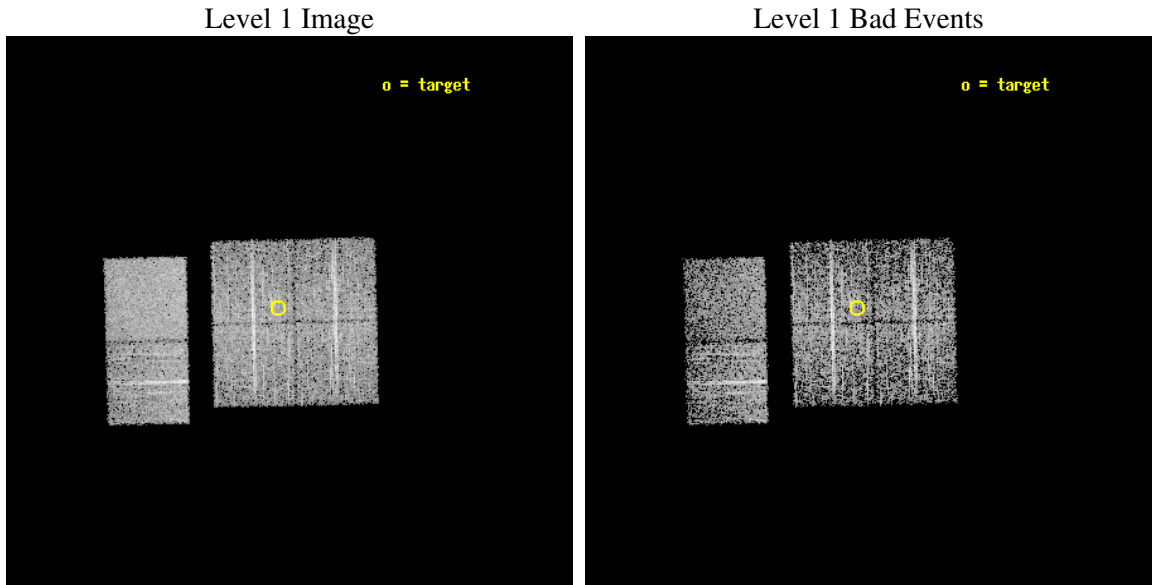
seq_num	200090
obs_id	983
title	OBSERVATION OF SCO-CEN OUTLYERS
observer	Professor Gordon Garmire
object	HD 152404
dtcycle	0
cycle	P
ra_targ	253.687083
dec_targ	-36.888611
ra_nom	253.66332556525
dec_nom	-36.909106859648
roll_nom	268.70375778665
revision	2
ontime	3148.8000029325
livetime	3108.9280013157
ontime0	3148.8000029325
ontime1	3148.8000029325
ontime2	3148.8000029325
ontime3	3148.8000029325
ontime6	3145.5590426773
ontime7	3148.8000029325
l2events	24350



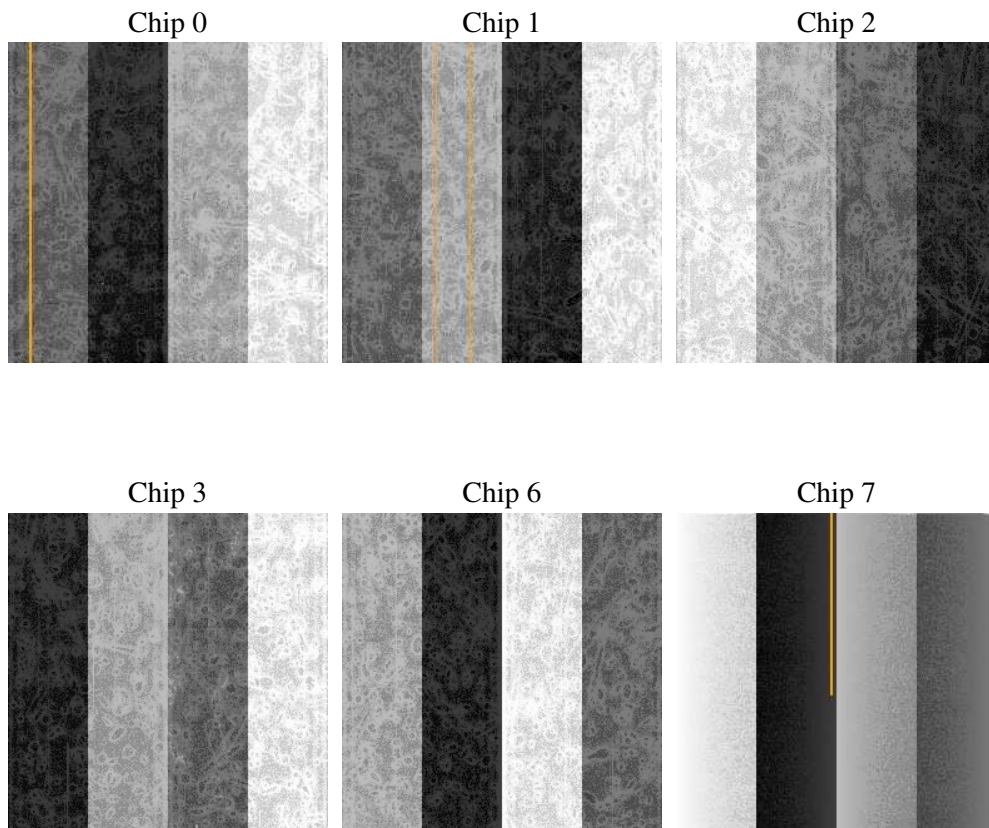
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-21T15:18:06
revision	2

sched_exp_time	3200.000000
ontime	3153.4911244512
ontime0	3153.4911244512
ontime1	3153.4911244512
ontime2	3153.4911244512
ontime3	3153.4911244512
ontime6	3150.2501641959
ontime7	3153.4911244512
l1events	137373

2.1.4 Events

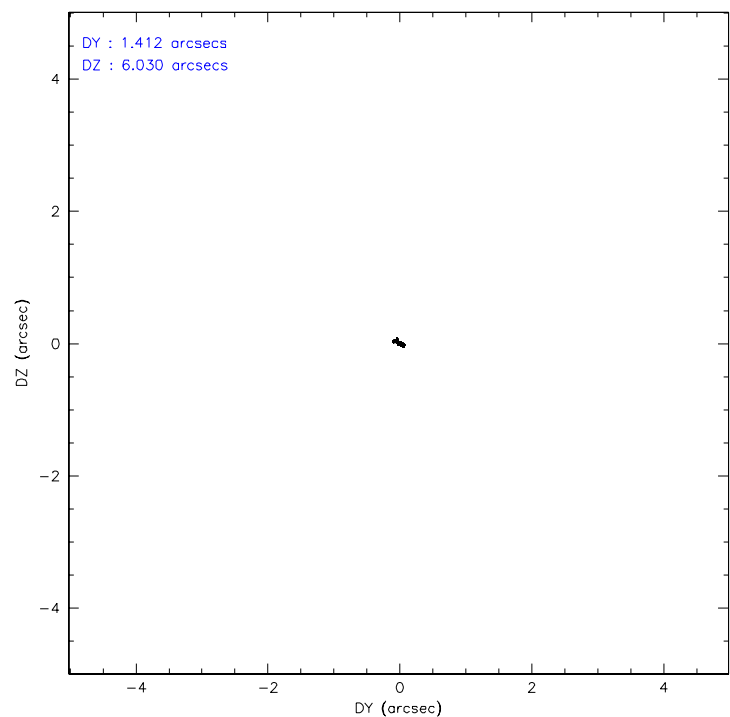
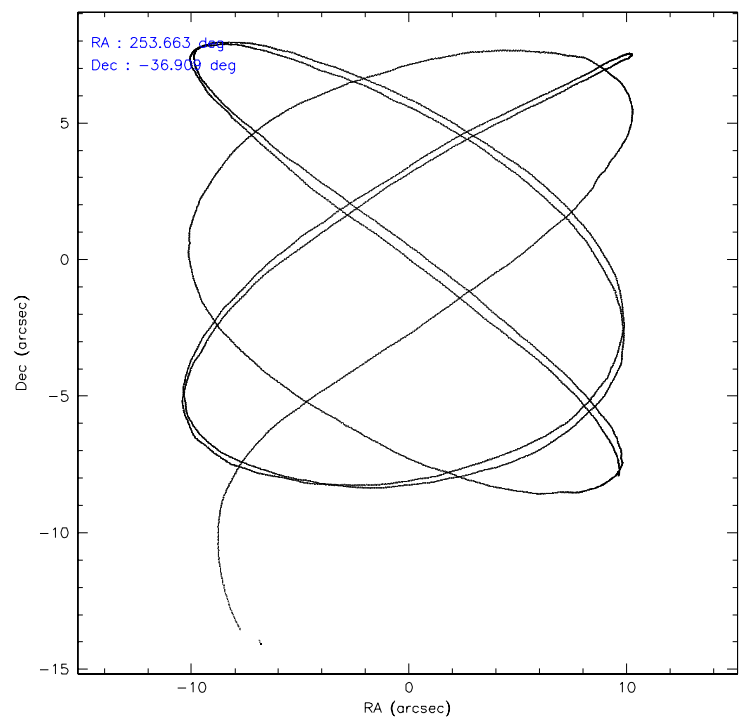
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	21170	20928	22115	21995	23216	27949
rejected events	18034	17706	19096	19128	20288	16342
rejected %	85%	84%	86%	86%	87%	58%

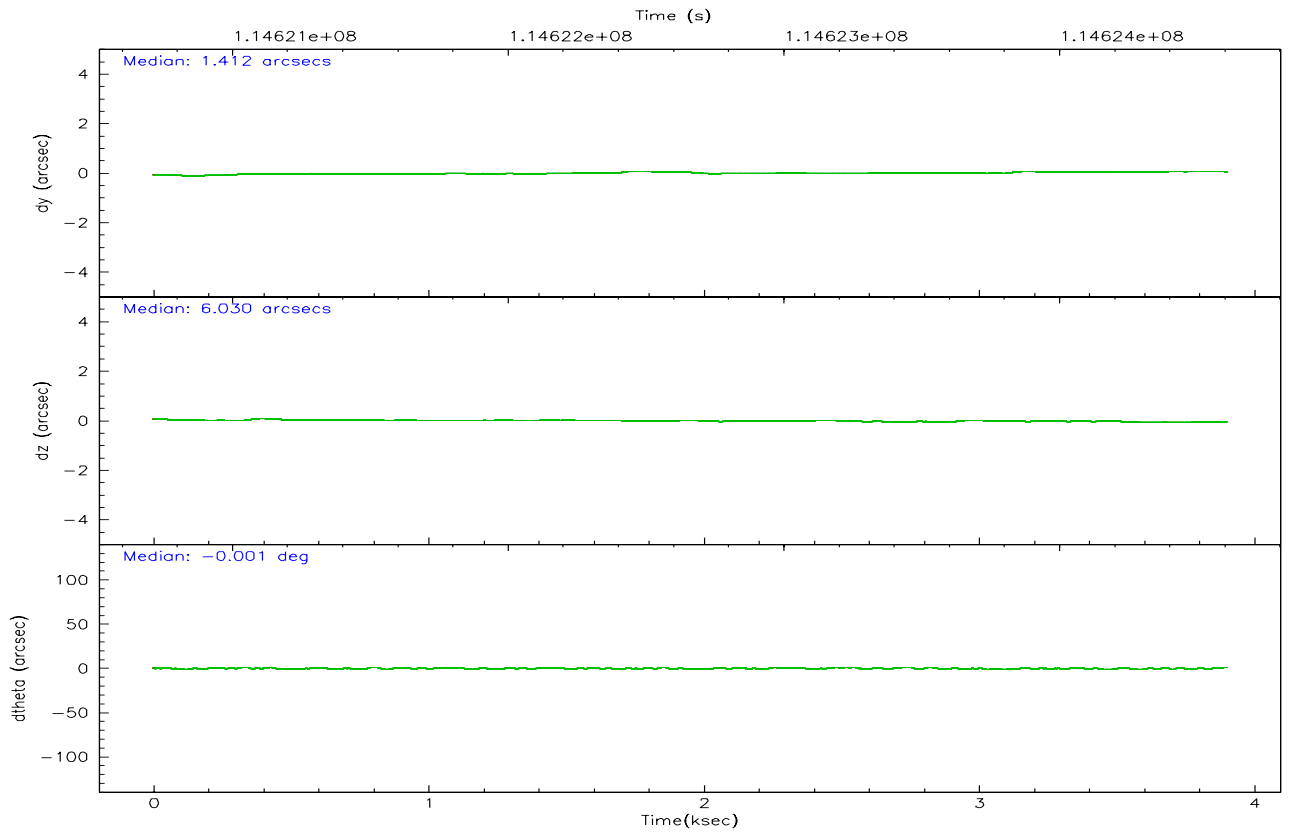
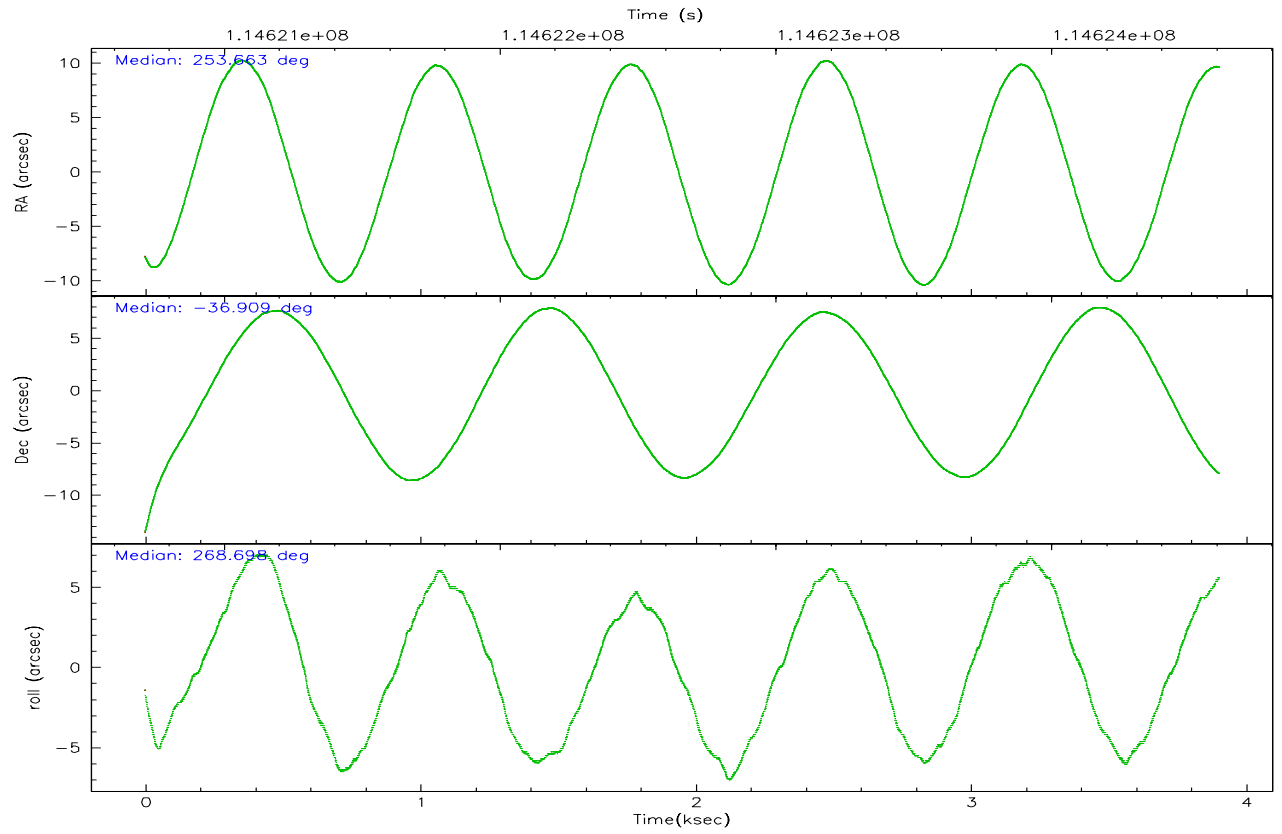
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1474	1476	1447	1379	1321	806
	6%	7%	6%	6%	5%	2%
grade 1 events	12	11	16	11	13	23
	0%	0%	0%	0%	0%	0%
grade 2 events	606	595	573	543	602	2951
	2%	2%	2%	2%	2%	10%
grade 3 events	284	302	260	278	239	625
	1%	1%	1%	1%	1%	2%
grade 4 events	261	289	294	240	237	675
	1%	1%	1%	1%	1%	2%
grade 5 events	697	823	697	845	859	1867
	3%	3%	3%	3%	3%	6%
grade 6 events	518	567	451	436	533	6568
	2%	2%	2%	1%	2%	23%
grade 7 events	17318	16865	18377	18263	19412	14434
	81%	80%	83%	83%	83%	51%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	253.646765	253.6633255652456	Subarray requested	NONE	NONE
Pointing Dec	-36.885099	-36.90910685964791	Alternating exposures requested	N	N
Pointing Roll	268.485115	268.7037577866486	Primary exposure time	0.000000	3.2
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	114621413.184000	114620198.54993			
Observation start date	2001-08-19T15:15:49	2001-08-19T14:56:38			
Observation end time	114624613.184000	114624991.96262			
Observation end date	2001-08-19T16:09:09	2001-08-19T16:16:31			
Read mode	TIMED	TIMED			

2.3 Aspect



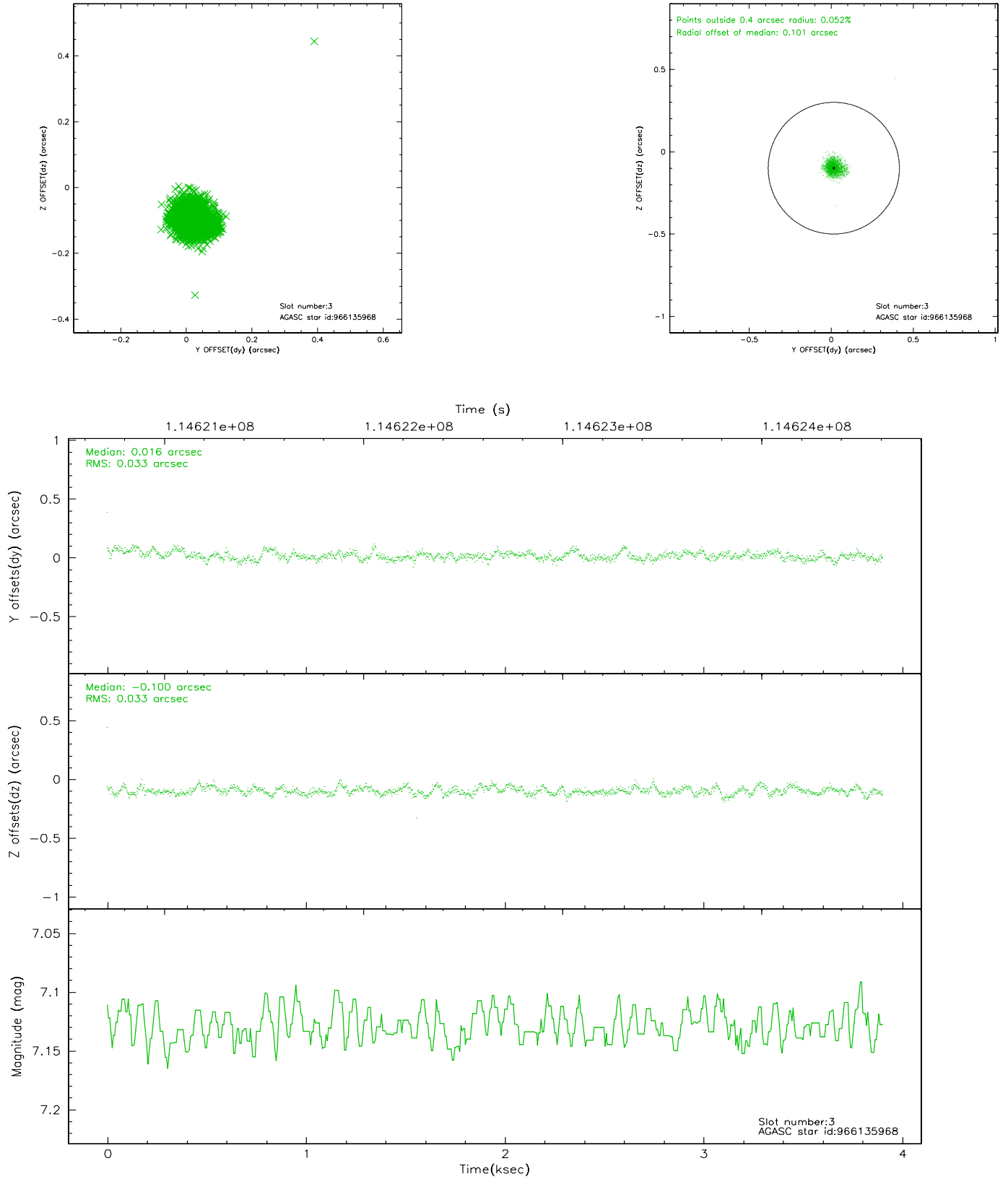


Slot Statistics

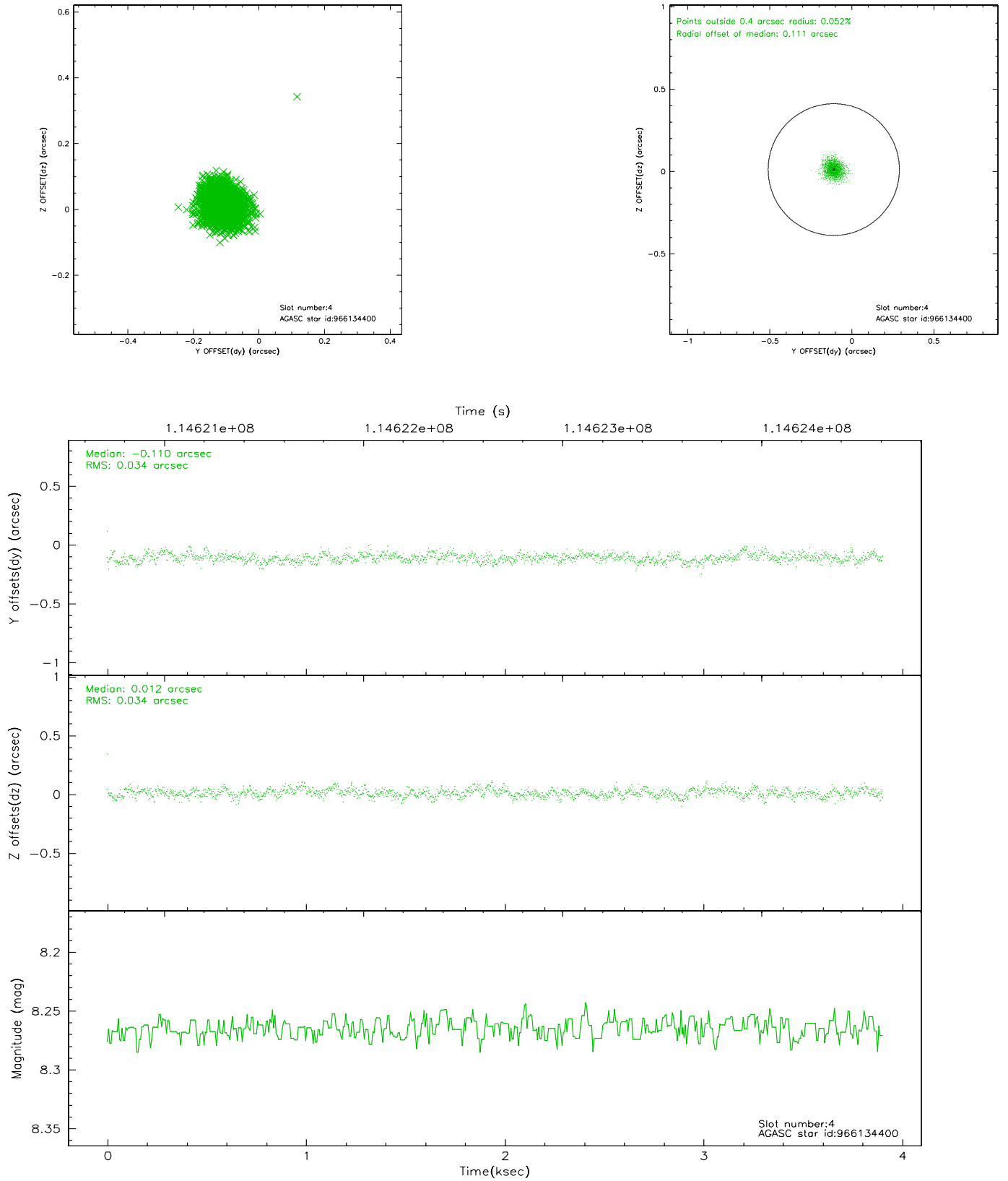
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	953	-0.029	0.042	0.006	0.010	0.000000	0.000000	938.38	-829.37
1	FID	ACIS-I-5	7.23	953	-0.023	0.032	0.006	0.010	0.000000	0.000000	-1808.79	1067.35
2	FID	ACIS-I-6	7.27	953	-0.039	-0.004	0.006	0.011	0.000000	0.000000	402.23	1713.60
3	GUIDE	966135968	7.13	1905	0.016	-0.100	0.047	0.076	253.203661	-37.012422	496.17	-1260.78
4	GUIDE	966134400	8.26	1905	-0.110	0.012	0.051	0.084	253.756019	-36.335662	-1984.30	264.01
5	GUIDE	966133872	8.34	1904	0.008	-0.041	0.056	0.093	253.026517	-37.207397	1212.89	-1746.31
6	GUIDE	966134408	8.57	1904	0.045	0.053	0.055	0.088	253.510089	-37.014704	478.91	-380.81
7	GUIDE	966137216	8.81	1903	0.040	0.075	0.061	0.101	253.980001	-37.098541	745.74	977.26

2.4 Star Slots

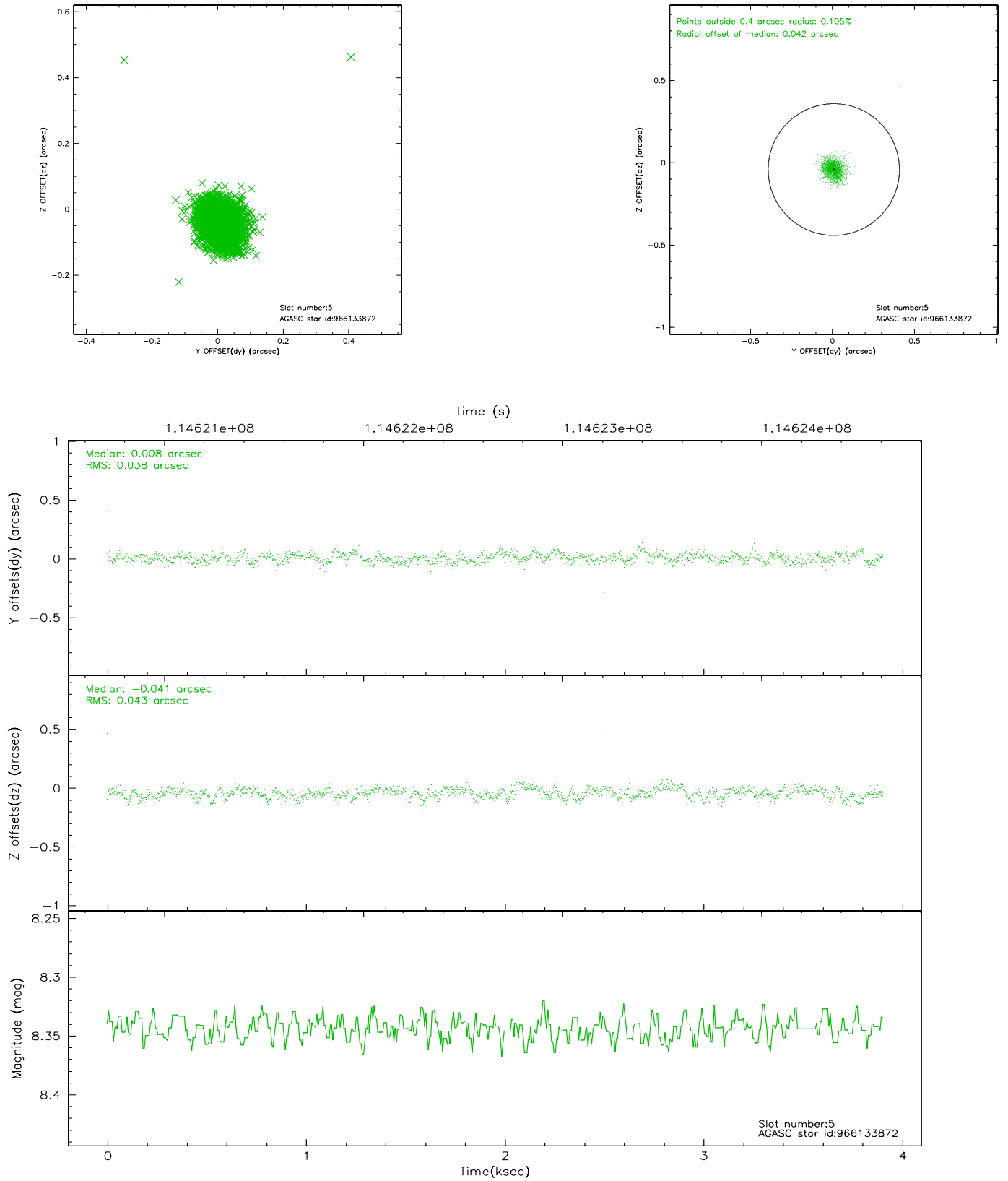
2.4.1 Slot 3



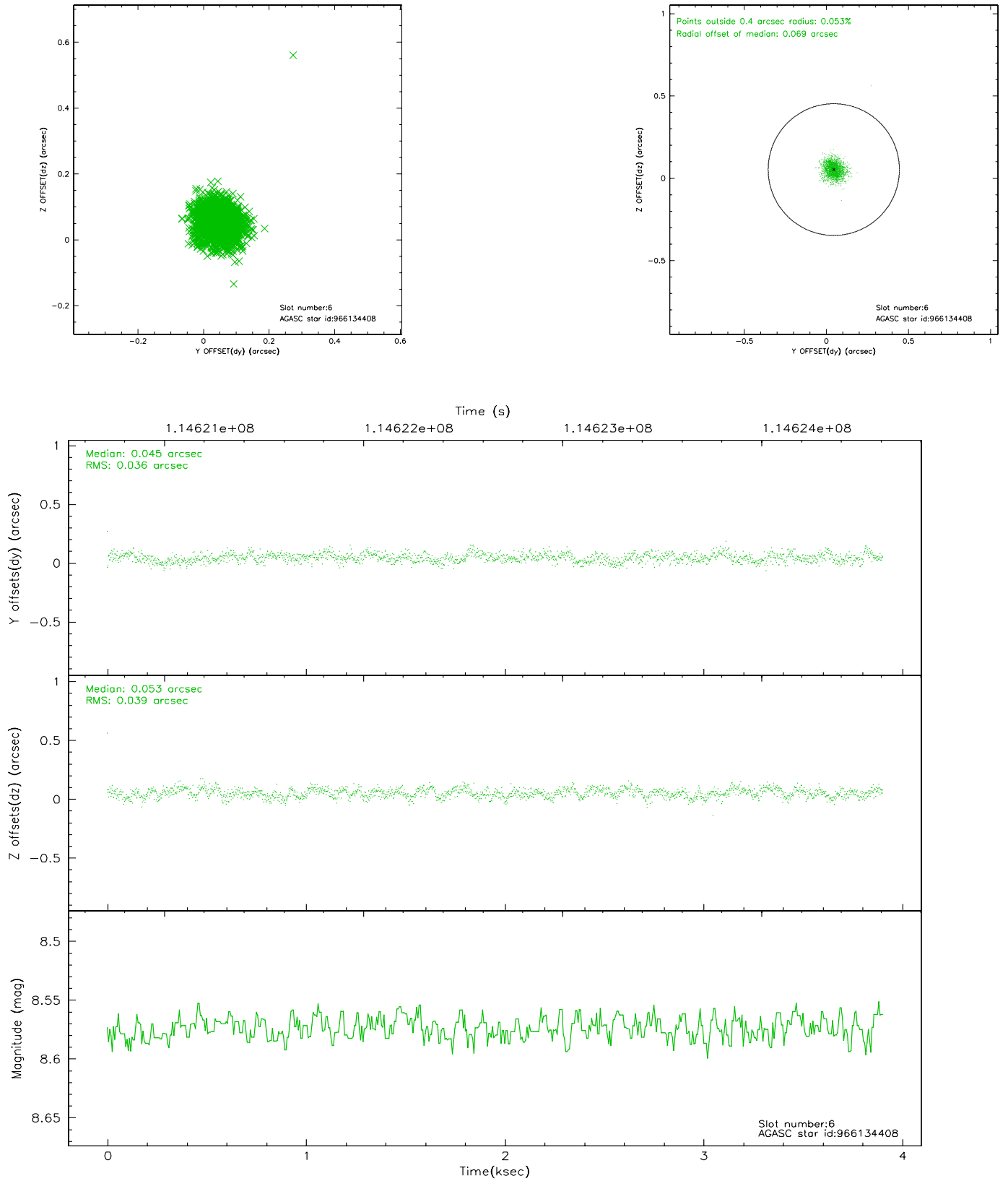
2.4.2 Slot 4



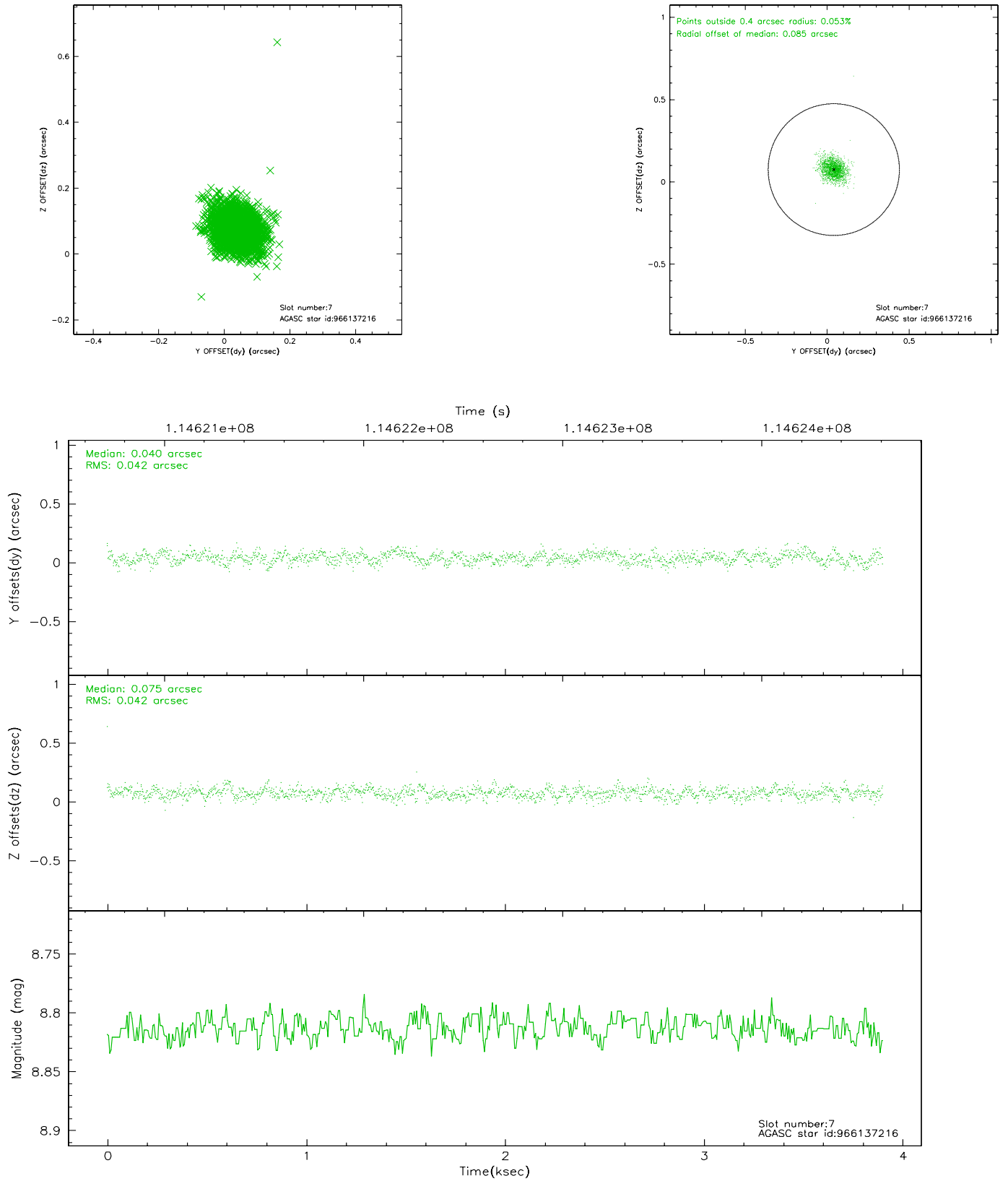
2.4.3 Slot 5



2.4.4 Slot 6

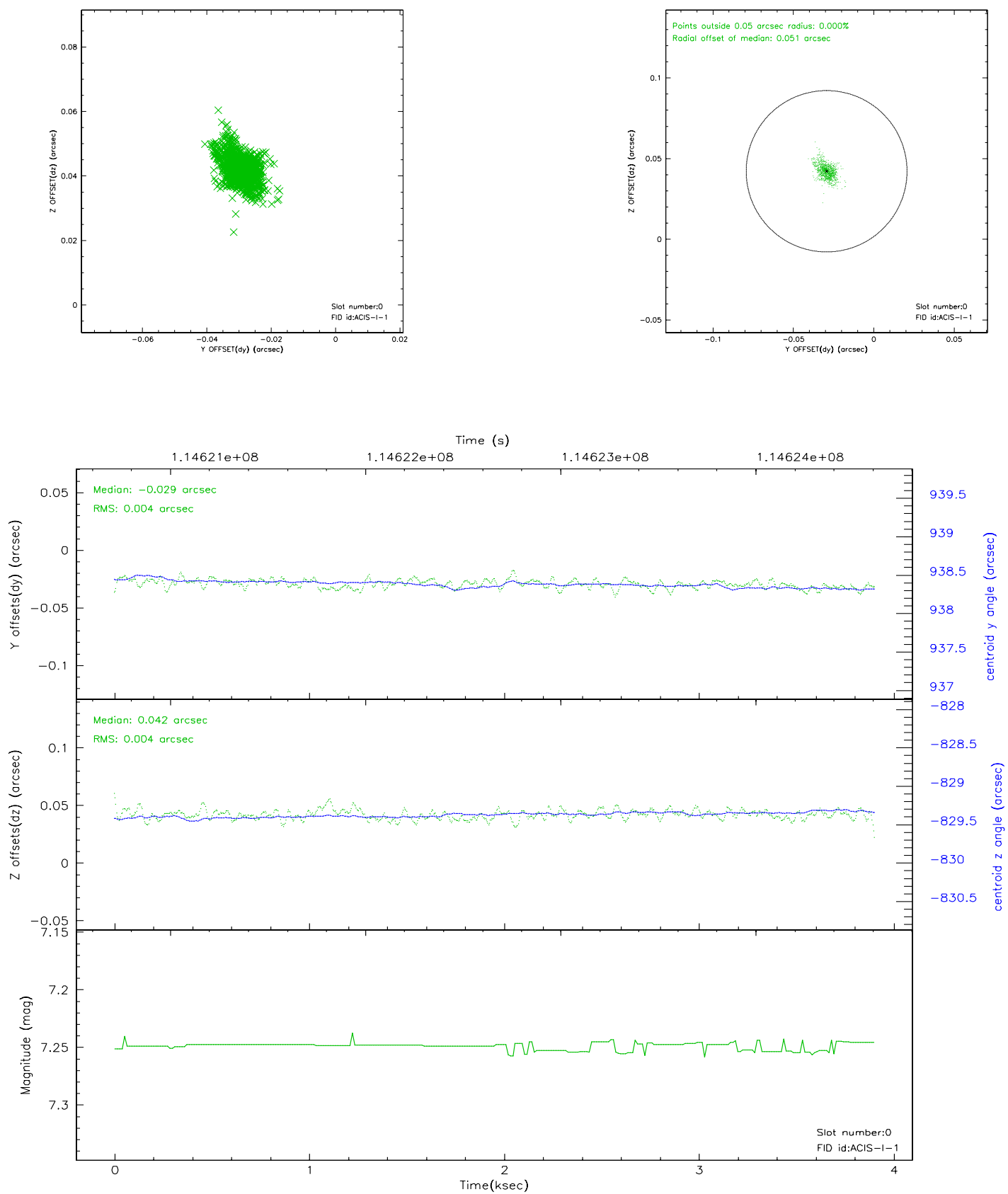


2.4.5 Slot 7

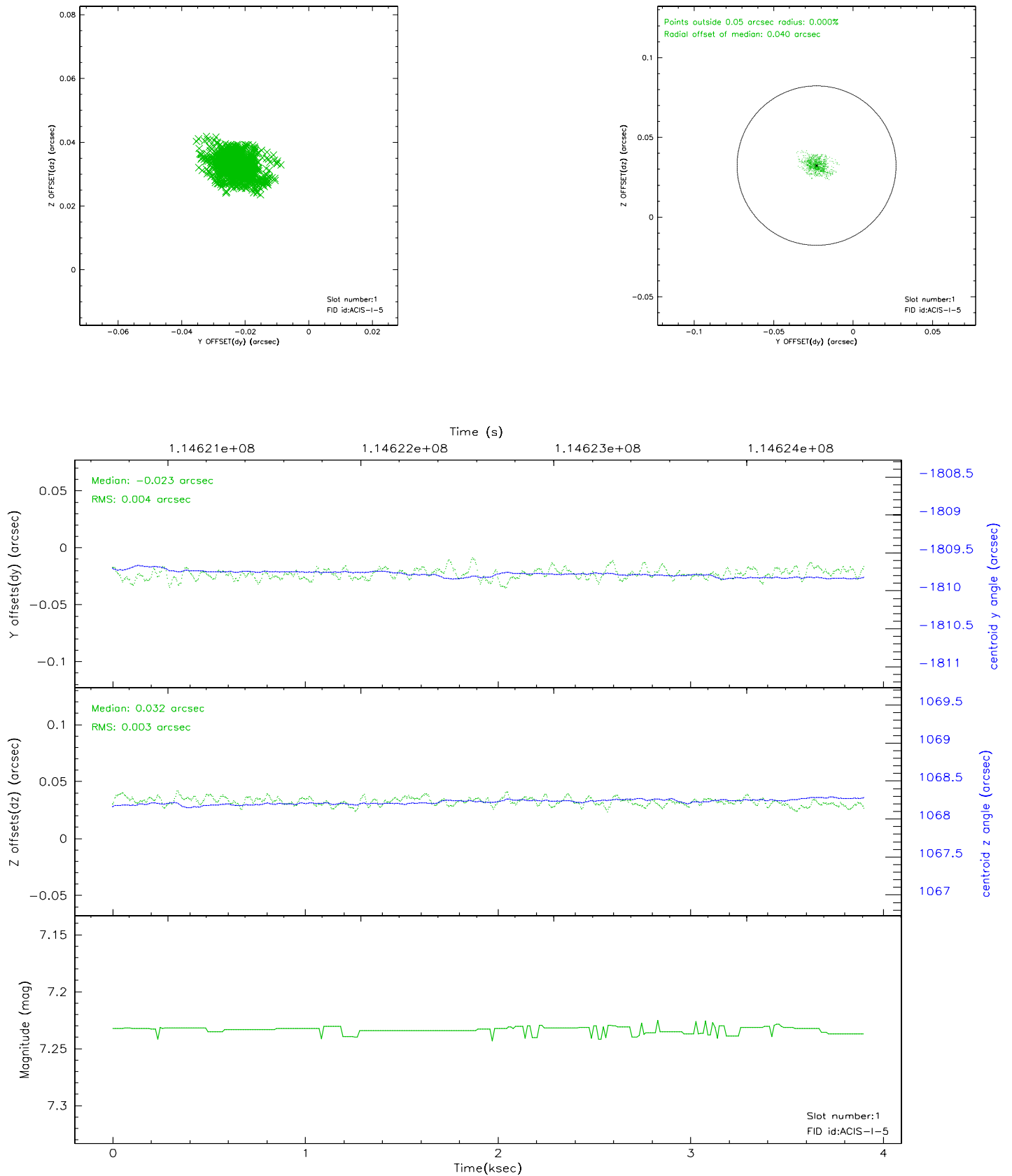


2.5 FID Slots

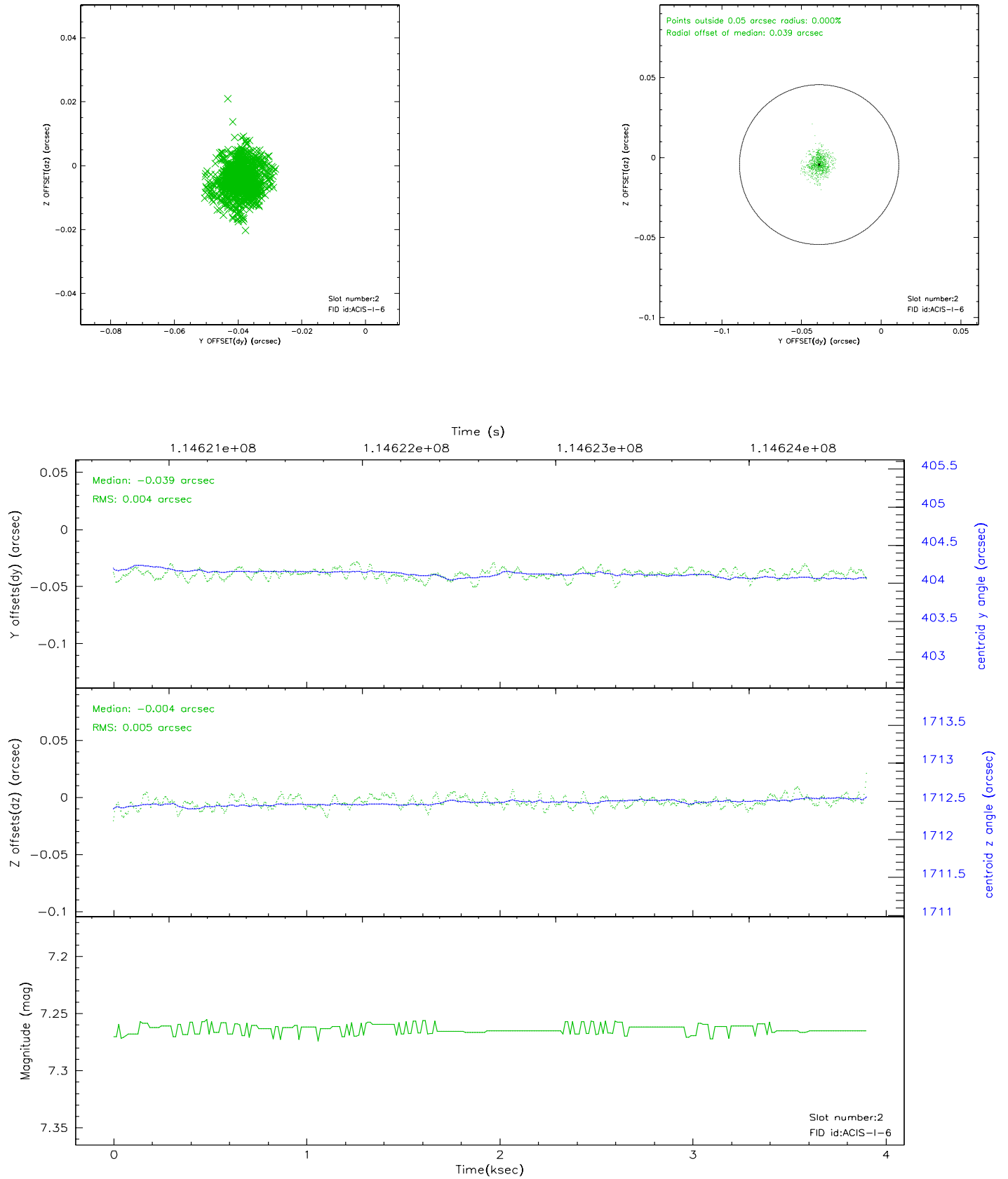
2.5.1 Slot 0



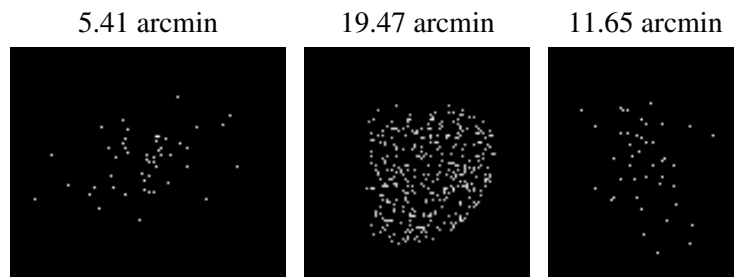
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.152

A.2 Comments