

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3660 - L2 Version 001
Chandra X-Ray Center

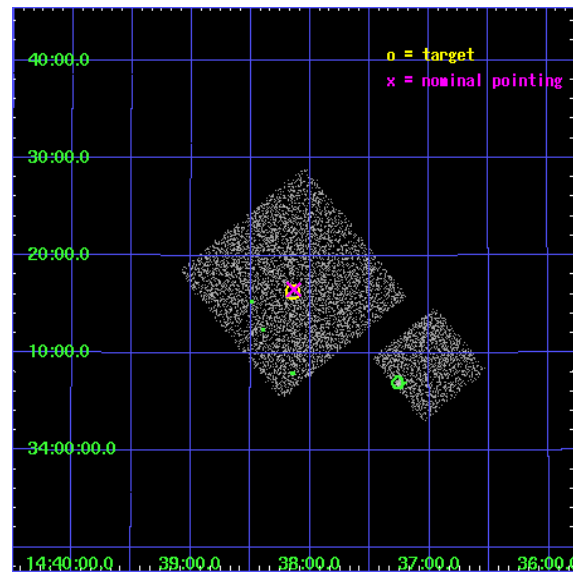
L2 Processing Date : Jul 30 2006

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

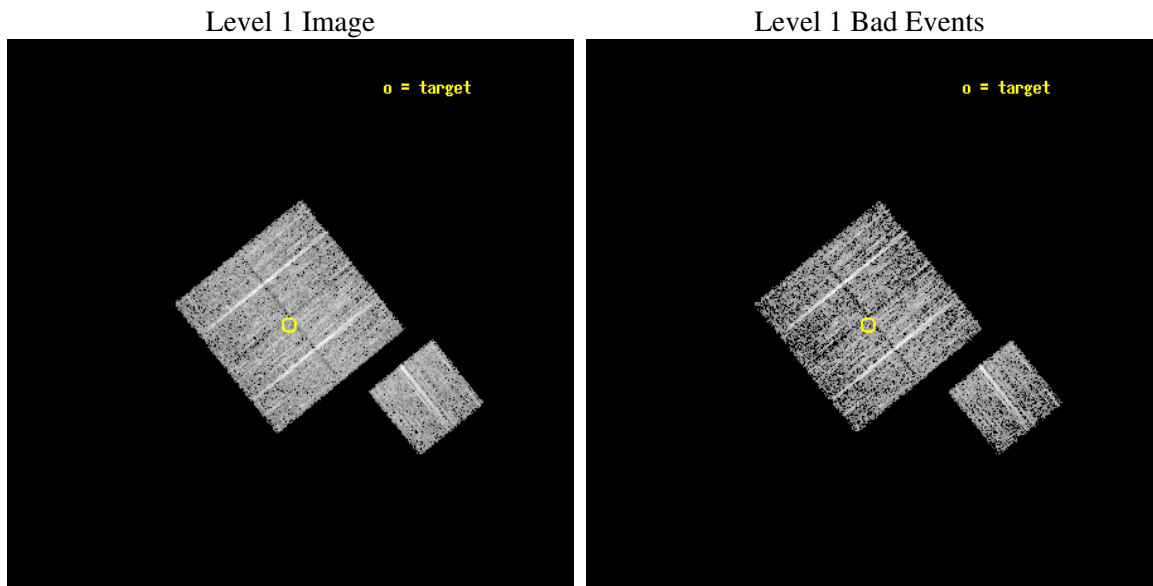
seq_num	900260
obs_id	3660
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD
observer	Dr. Stephen Murray
object	NOAO FIELD F66
dtcycle	0
cycle	P
ra_targ	219.536665
dec_targ	34.271694
ra_nom	219.53403149343
dec_nom	34.275710651498
roll_nom	141.01019893446
revision	2
ontime	4671.6590208113
livetime	4610.6203564791
ontime0	4674.7999910116
ontime1	4674.7999910116
ontime2	4674.7999910116
ontime3	4671.6590208113
ontime6	4674.7999910116
l2events	9608



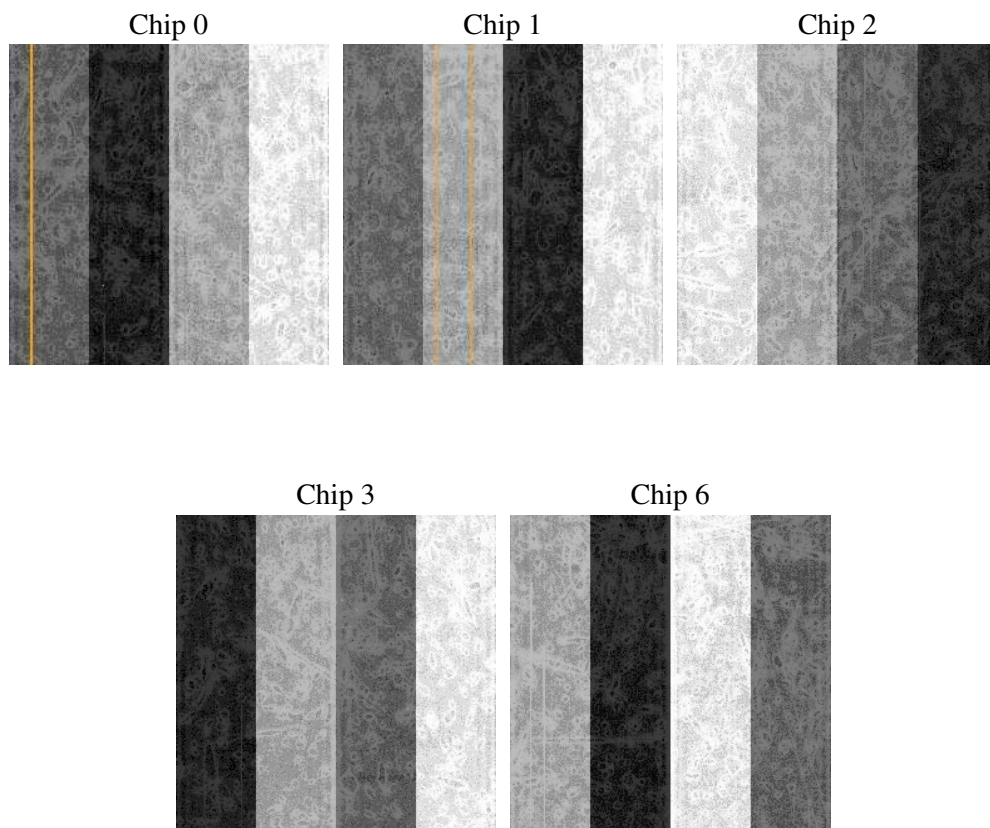
2 OBI

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	2006-07-30T05:23:30
revision	2

sched_exp_time	4900.000000
ontime	4676.9587772787
ontime0	4680.099747479
ontime1	4680.0997774005
ontime2	4680.099747479
ontime3	4676.9587772787
ontime6	4680.0997774005
l1events	117280

2.1.4 Events

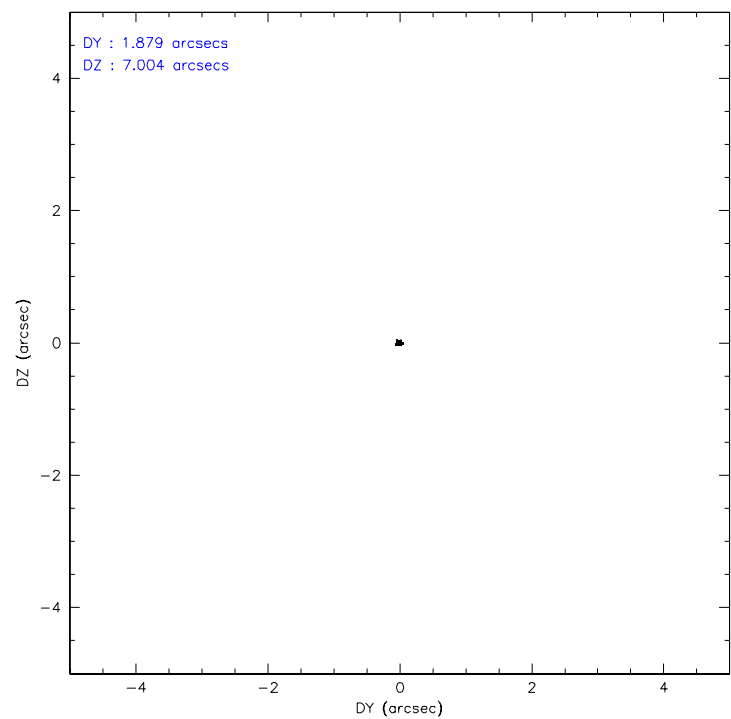
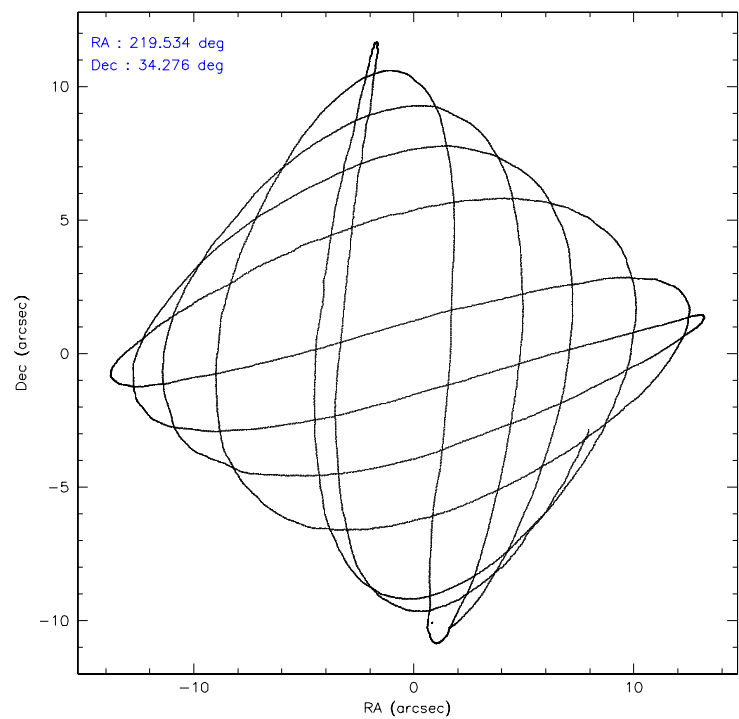
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23627	20827	26608	23106	23112
rejected events	21301	18389	24336	20828	20809
rejected %	90%	88%	91%	90%	90%

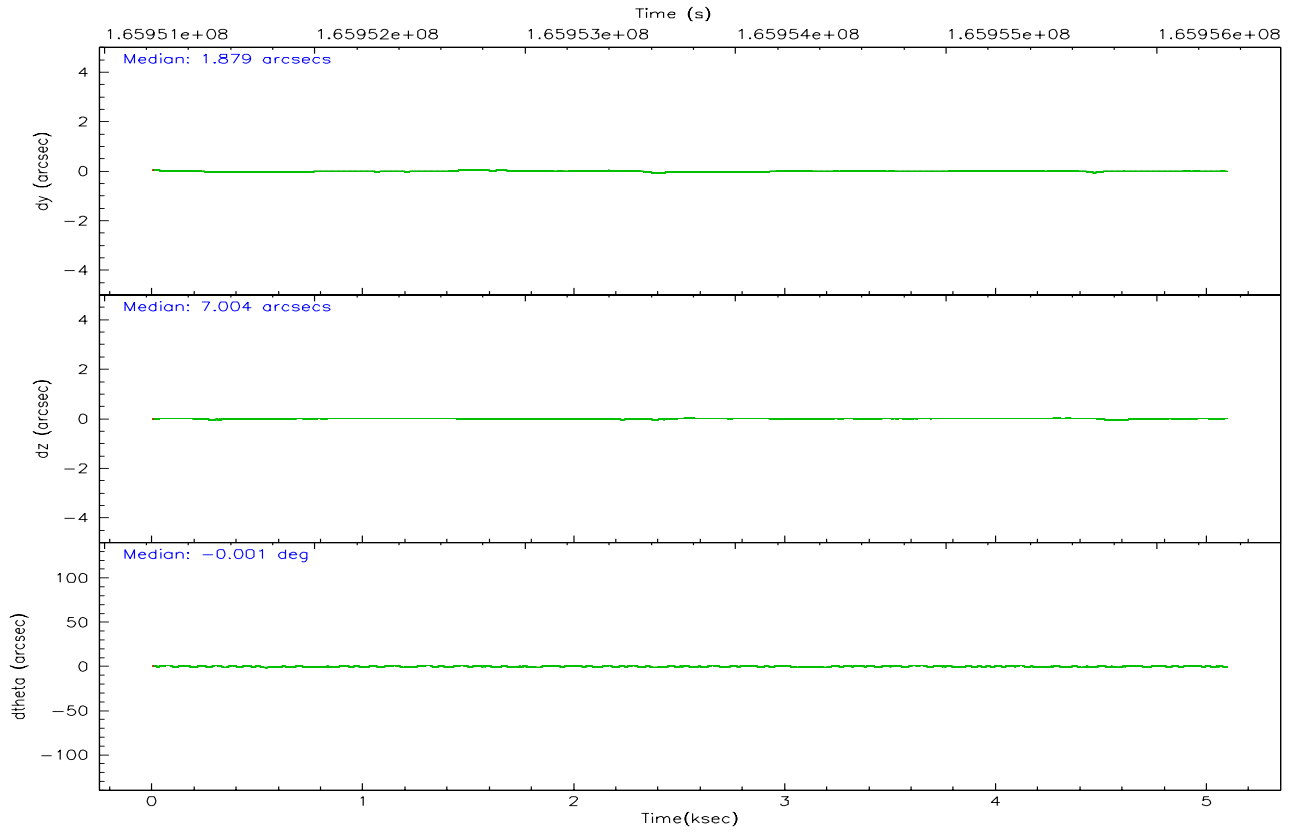
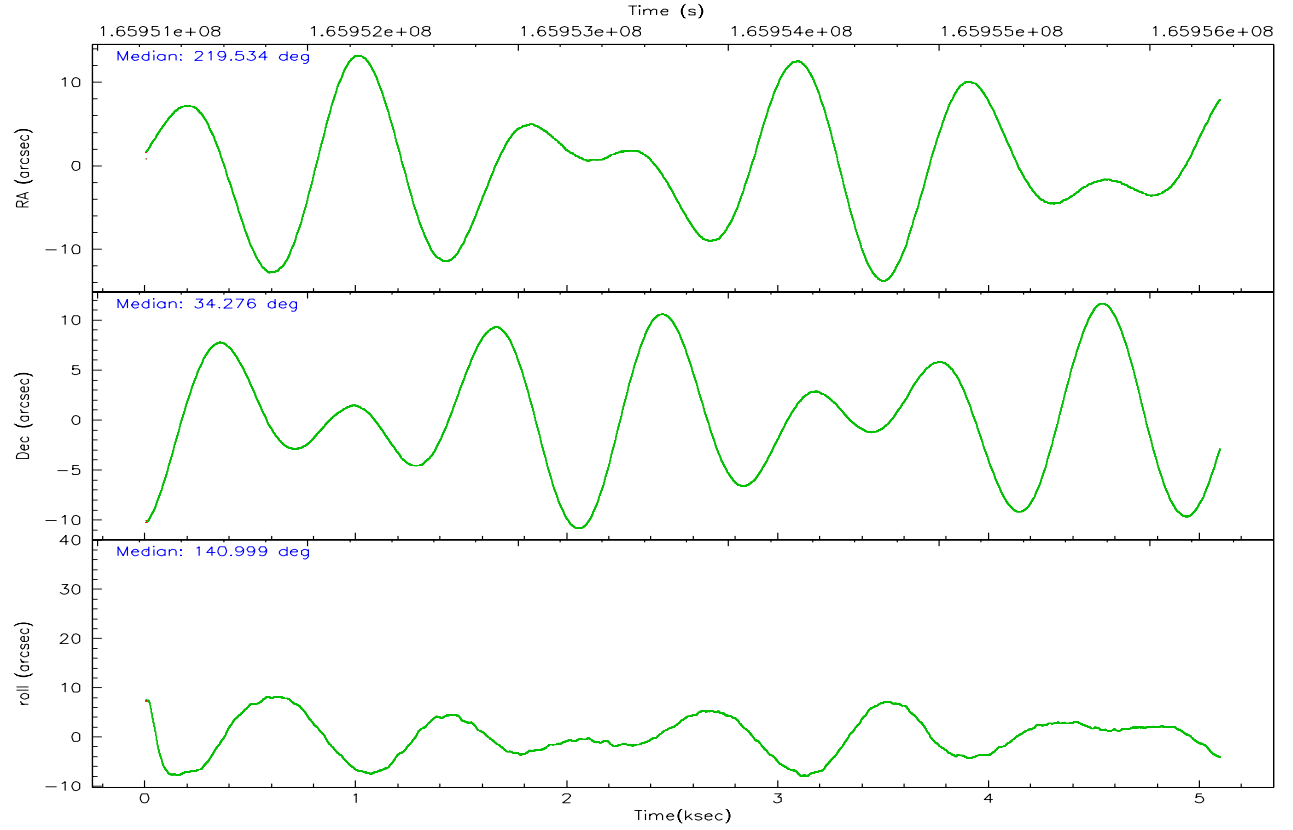
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	845	876	888	918	840
	3%	4%	3%	3%	3%
grade 1 events	11	7	17	13	6
	0%	0%	0%	0%	0%
grade 2 events	546	505	481	449	474
	2%	2%	1%	1%	2%
grade 3 events	280	284	252	244	267
	1%	1%	0%	1%	1%
grade 4 events	255	283	274	248	253
	1%	1%	1%	1%	1%
grade 5 events	705	716	652	790	757
	2%	3%	2%	3%	3%
grade 6 events	402	493	379	420	472
	1%	2%	1%	1%	2%
grade 7 events	20583	17663	23665	20024	20043
	87%	84%	88%	86%	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	219.566780	219.5340314934276	Alternating exposures requested	N	N
Pointing Dec	34.271610	34.27571065149846	Primary exposure time	0.000000	3.1
Pointing Roll	140.783041	141.0101989344578			
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	165951432.184000	165951055.72359			
Observation start date	2003-04-05T17:36:08	2003-04-05T17:30:55			
Observation end time	165956332.184000	165956465.67381			
Observation end date	2003-04-05T18:57:48	2003-04-05T19:01:05			
Read mode	TIMED	TIMED			

2.3 Aspect



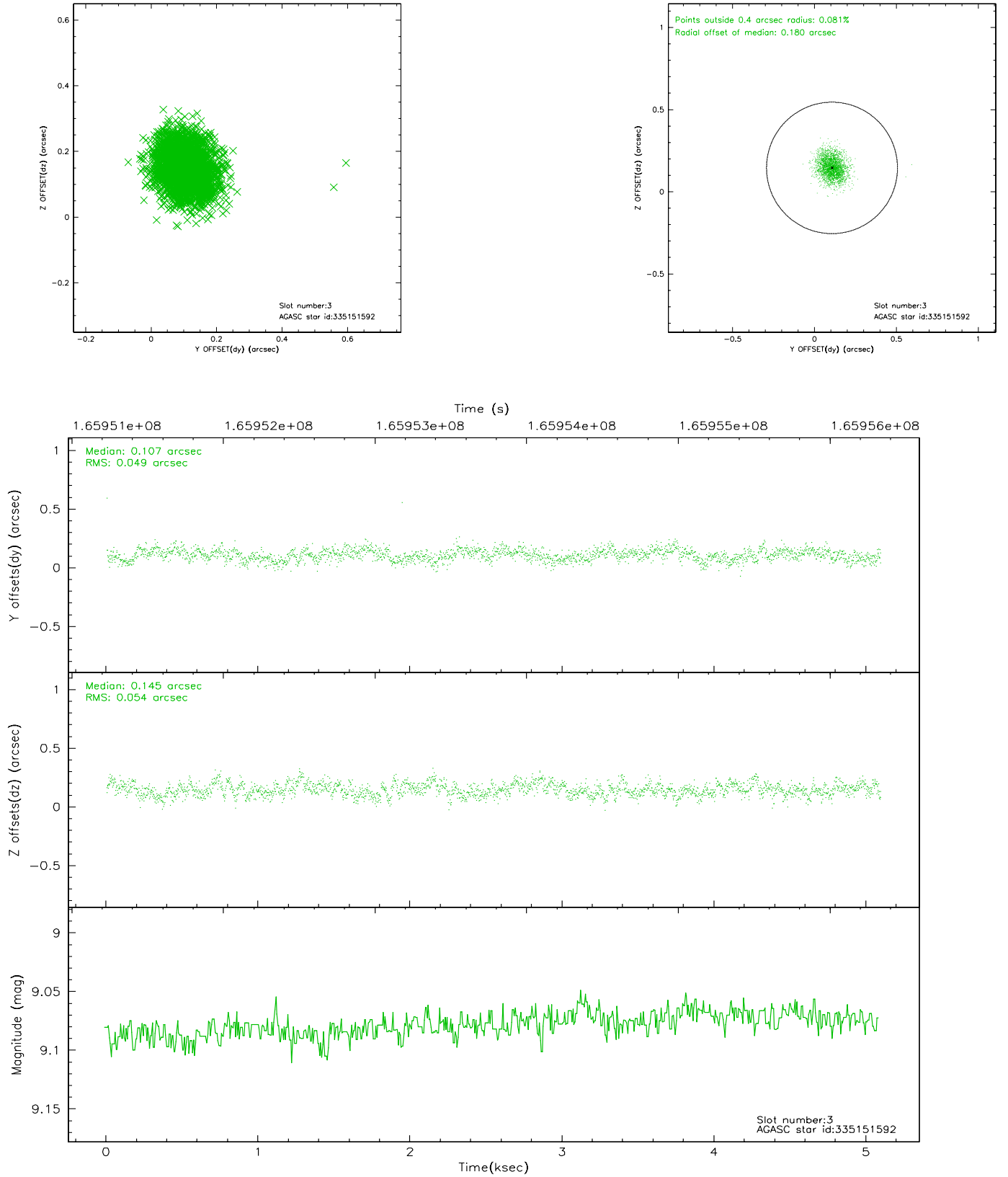


Slot Statistics

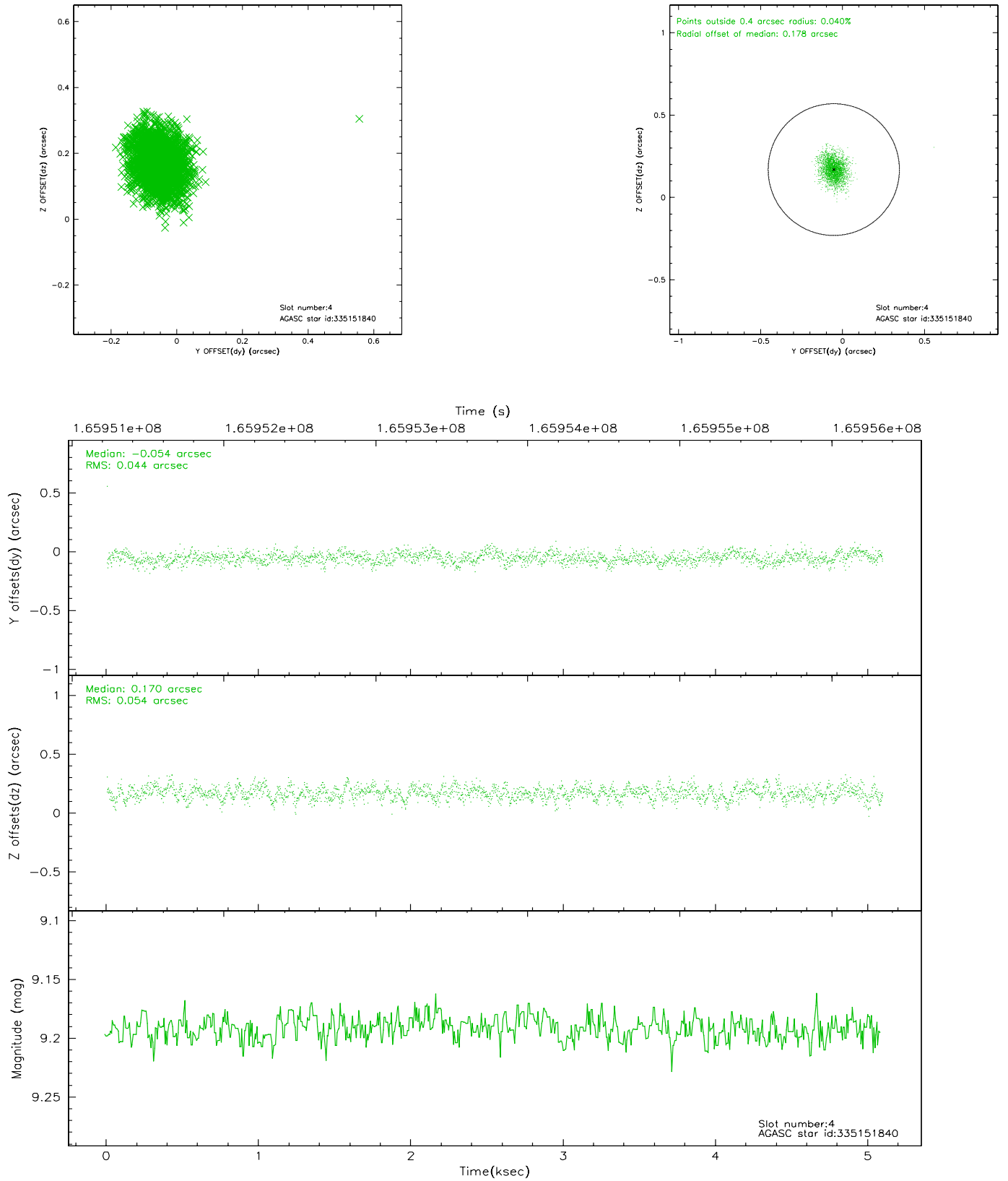
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1243	-0.011	0.037	0.006	0.010	0.000000	0.000000	937.92	-830.38
1	FID	ACIS-I-5	7.24	1241	-0.045	0.046	0.006	0.010	0.000000	0.000000	-1809.51	1066.59
2	FID	ACIS-I-6	7.27	1243	-0.036	-0.013	0.006	0.011	0.000000	0.000000	402.21	1712.33
3	GUIDE	335151592	9.08	2484	0.107	0.145	0.076	0.124	220.179561	34.279746	-1389.60	-1179.40
4	GUIDE	335151840	9.19	2482	-0.054	0.170	0.073	0.119	220.238613	34.430640	-1179.39	-1710.33
5	GUIDE	335152784	7.24	2485	-0.031	-0.225	0.054	0.084	219.280617	33.678221	-686.41	2195.30
6	GUIDE	335155824	8.93	2483	0.030	0.002	0.076	0.117	219.689900	34.035435	-822.01	427.21
7	GUIDE	335157088	9.10	2484	-0.053	-0.094	0.080	0.128	219.274029	33.726909	-560.46	2072.62

2.4 Star Slots

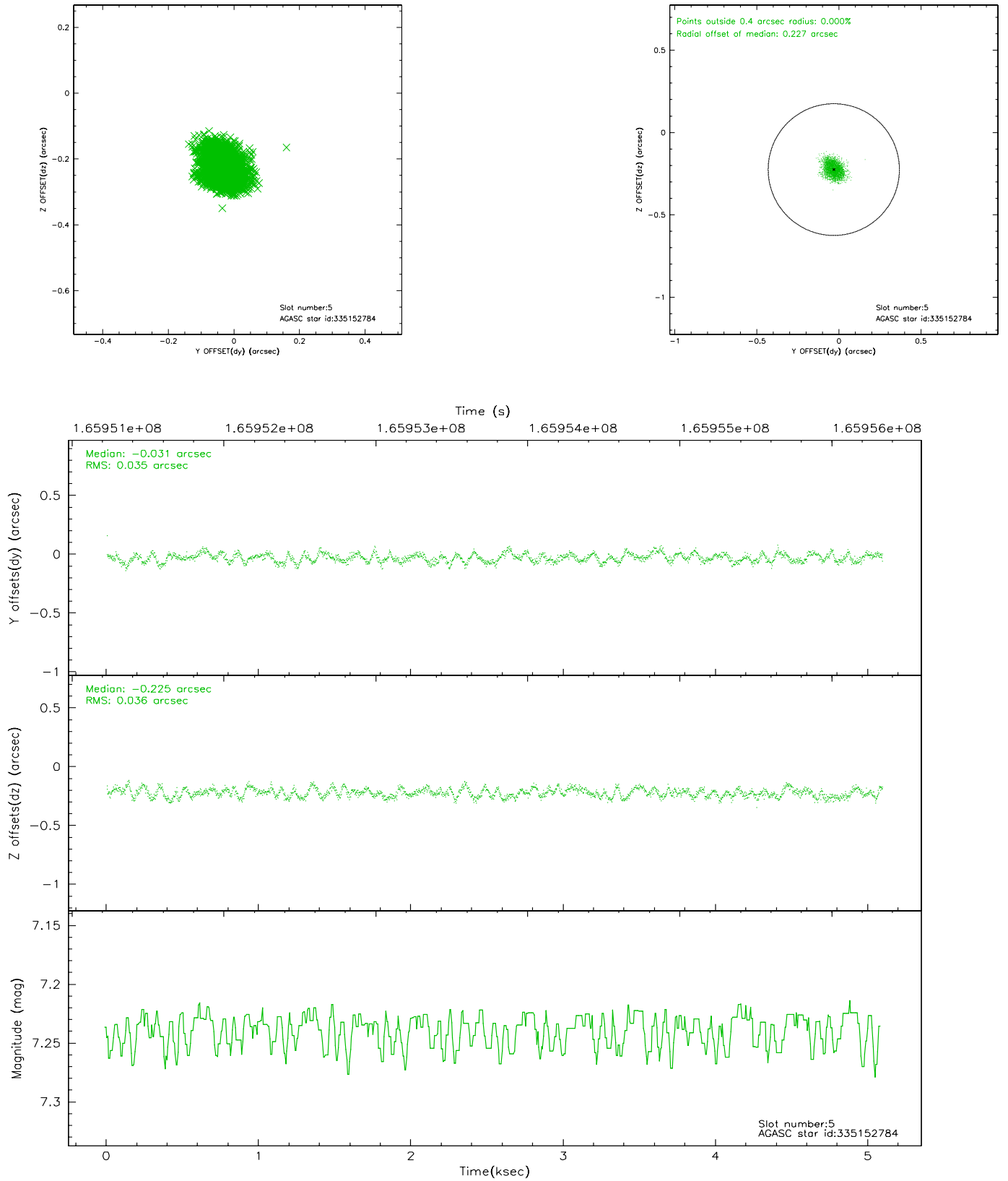
2.4.1 Slot 3



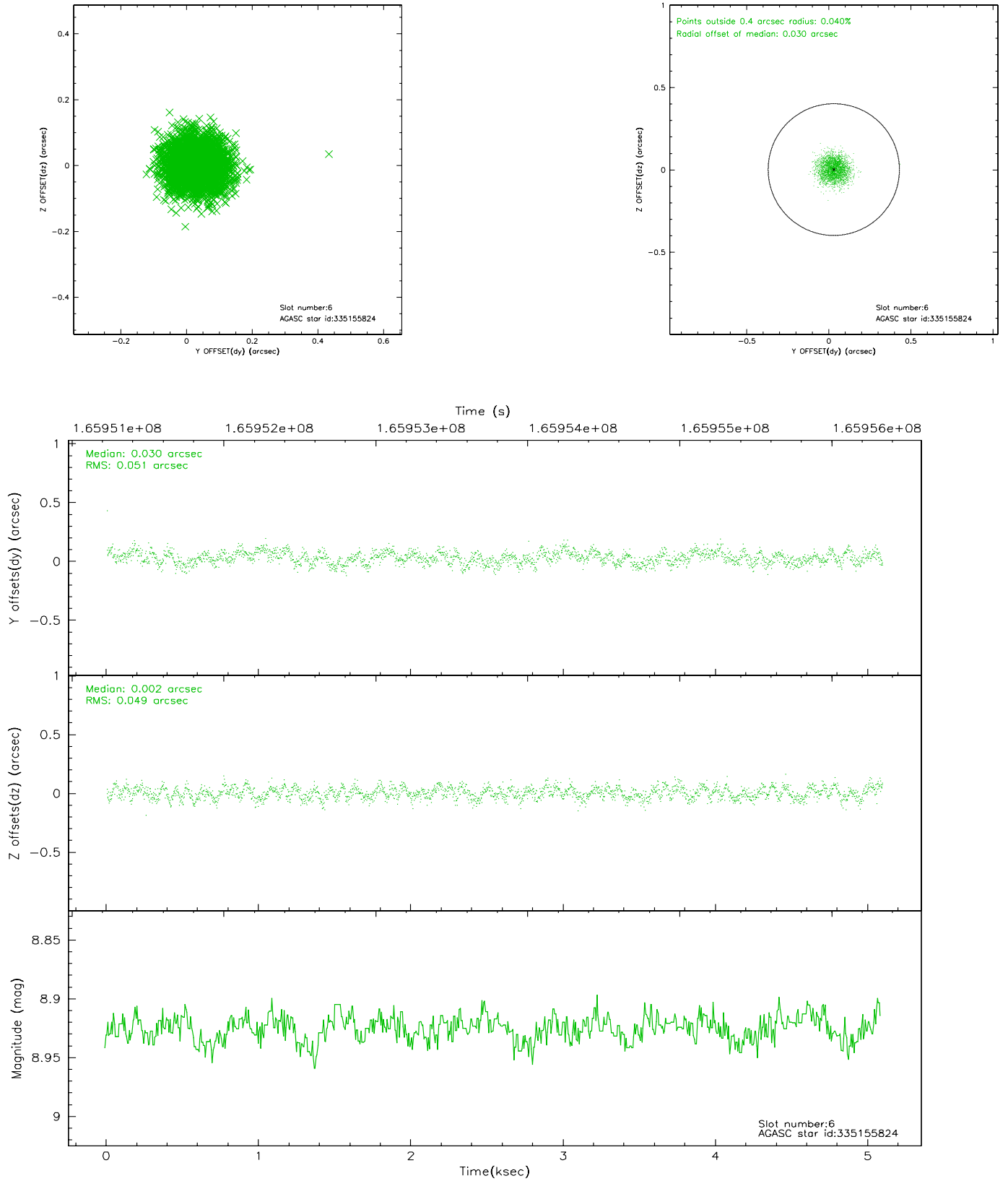
2.4.2 Slot 4



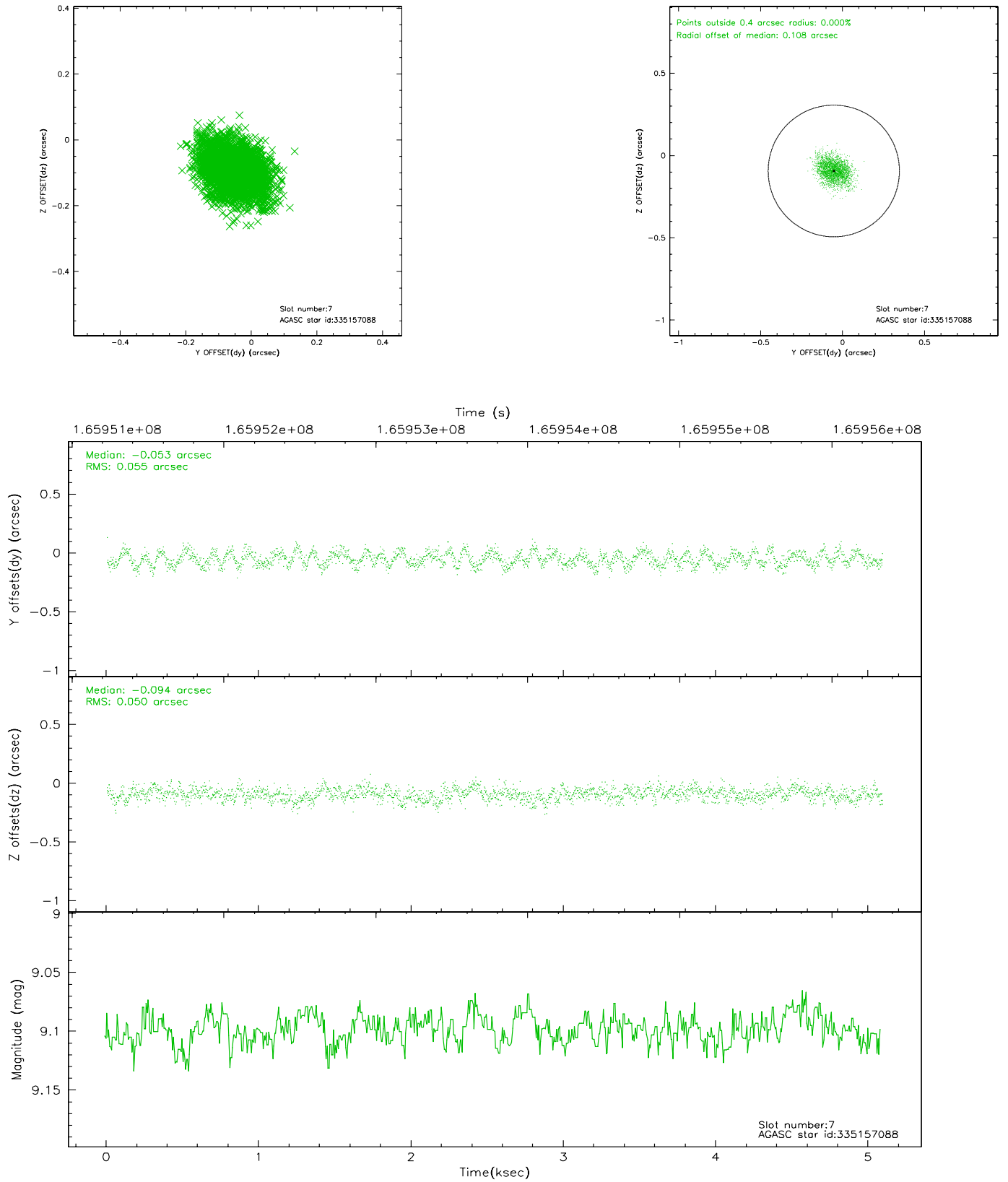
2.4.3 Slot 5



2.4.4 Slot 6

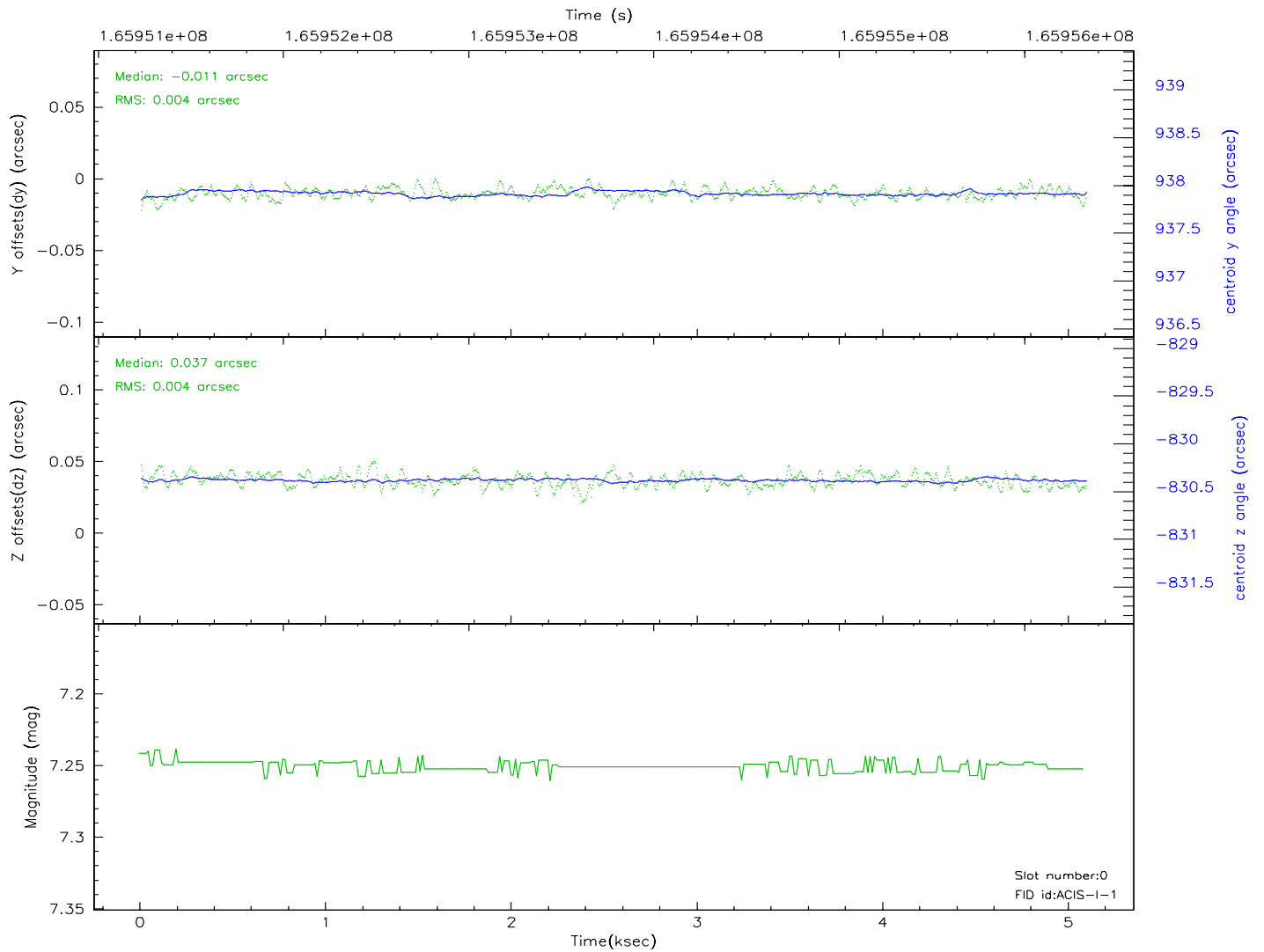
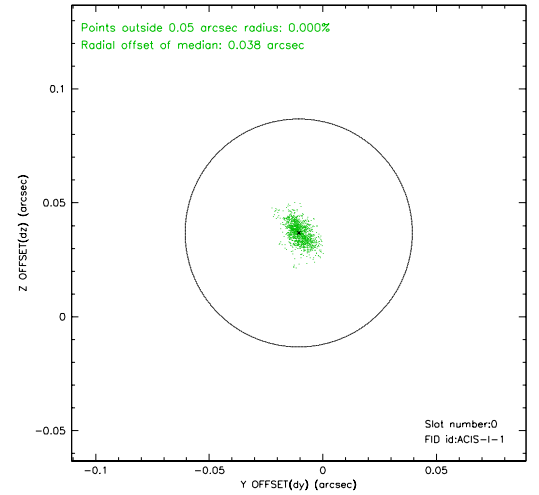
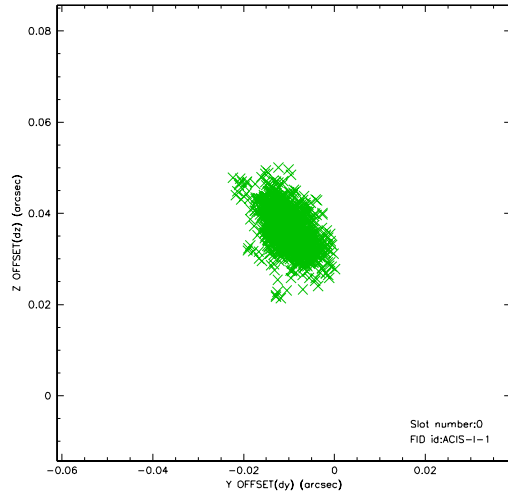


2.4.5 Slot 7

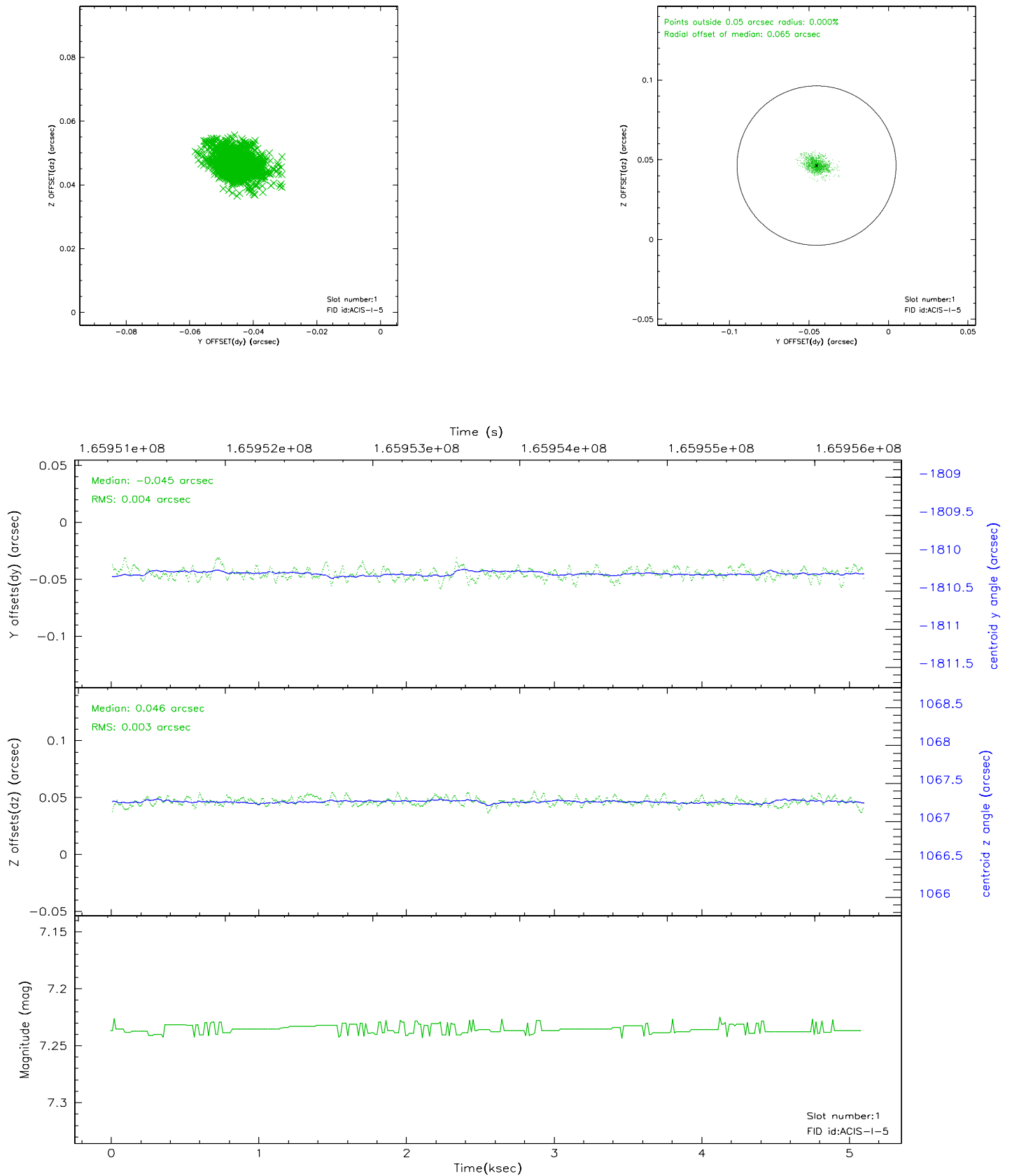


2.5 FID Slots

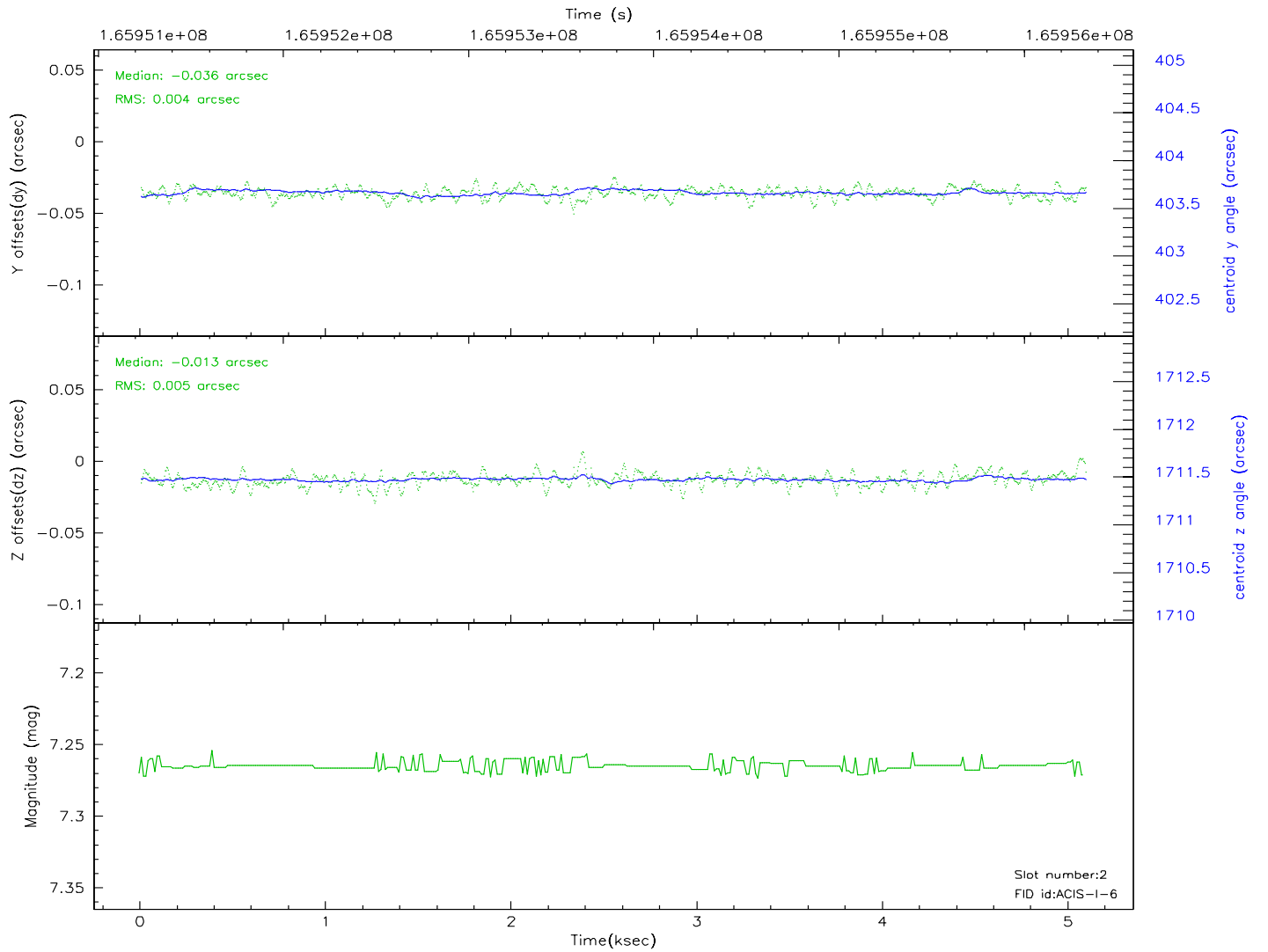
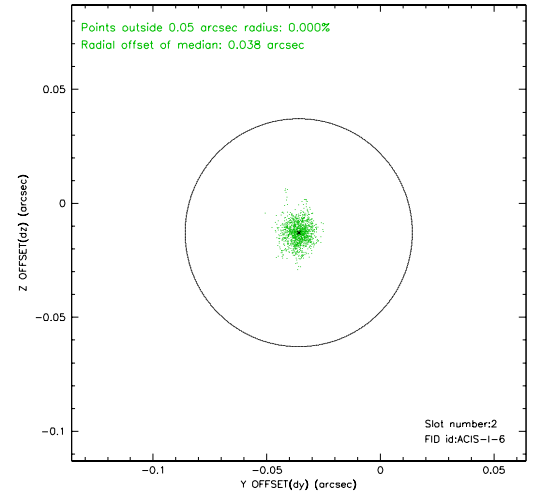
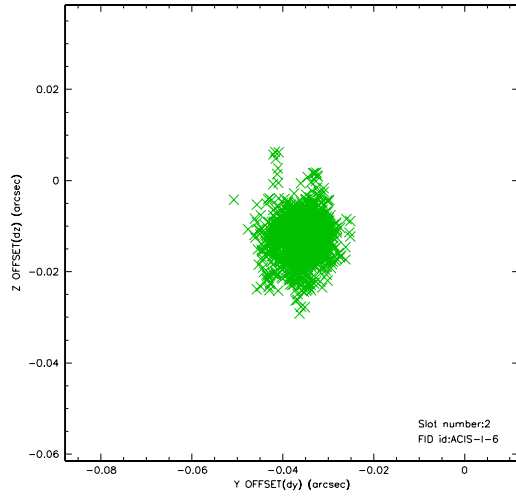
2.5.1 Slot 0



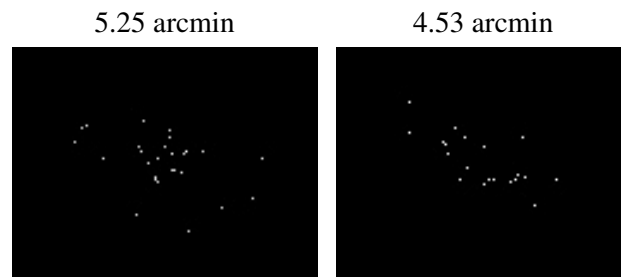
2.5.2 Slot 1



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	4.672

A.2 Comments