

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2522 - L2 Version 001
Chandra X-Ray Center

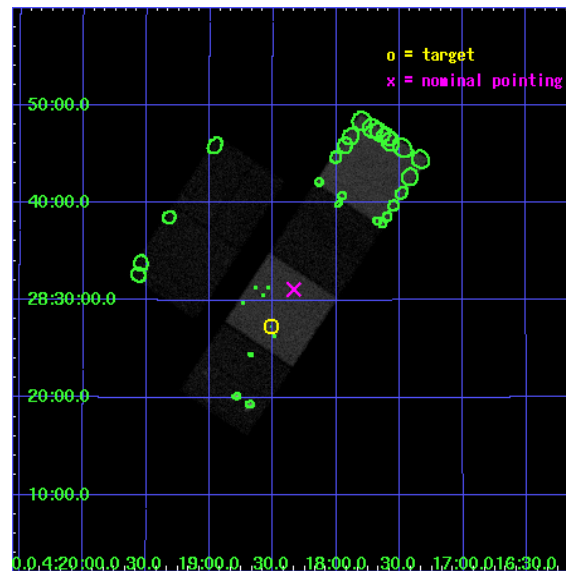
L2 Processing Date : Jan 12 2007

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1 Front

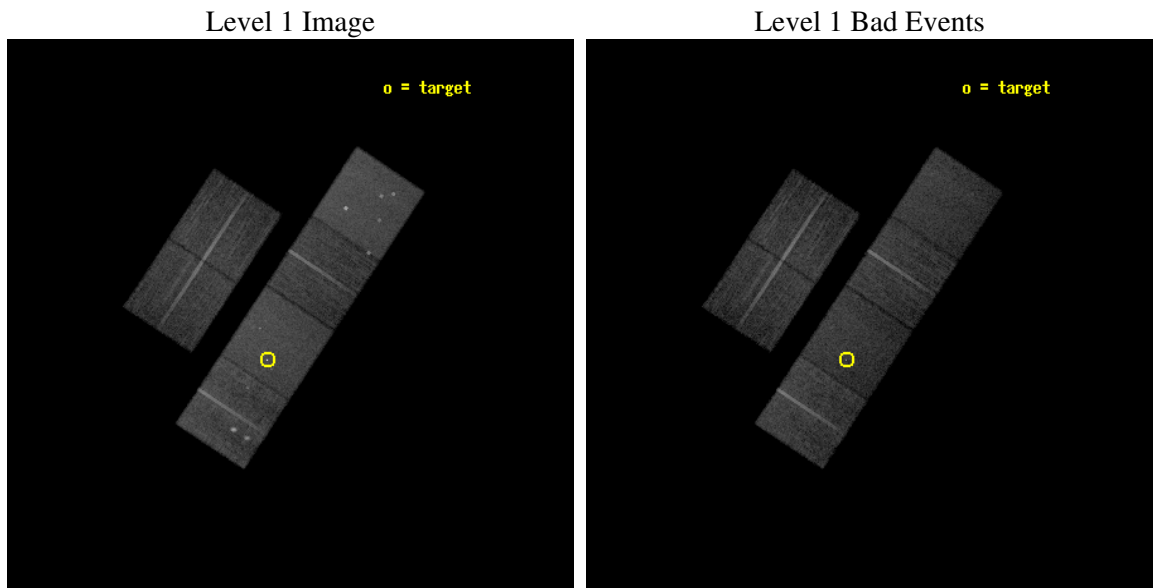
seq_num	200130
obs_id	2522
title	ORIGIN OF THE X-RAY EMISSION OF THE PREMAIN SEQUENCE STAR V 410 TAU
observer	Dr. Peter Predehl
object	V 410 TAU
dtcycle	0
cycle	P
ra_targ	64.629583
dec_targ	28.454444
ra_nom	64.583872049462
dec_nom	28.518704270481
roll_nom	123.4752807941
revision	2
ontime	15116.800014079
livetime	14925.381990056
ontime2	15116.800014079
ontime3	15116.800014079
ontime5	15116.800014079
ontime6	15116.800014079
ontime7	15116.800014079
ontime8	15116.800014079
l2events	158134



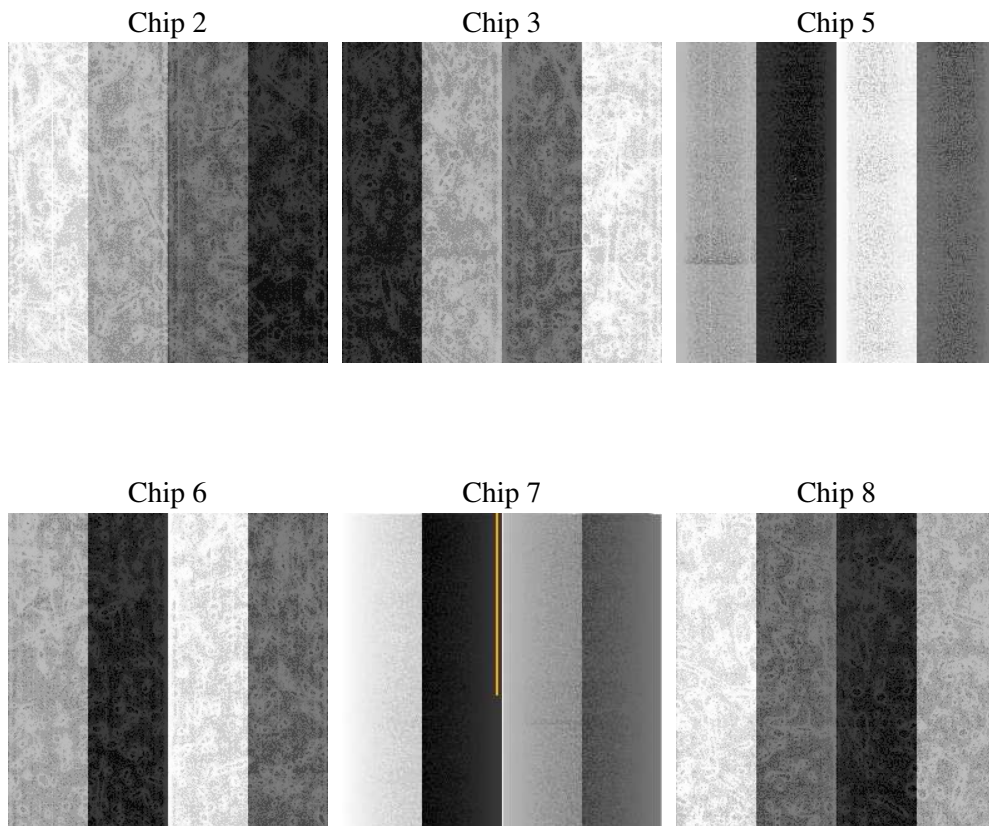
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-12T07:19:38
revision	2

sched_exp_time	15000.000000
ontime	15116.800014079
ontime2	15116.800014079
ontime3	15116.800014079
ontime5	15116.800014079
ontime6	15116.800014079
ontime7	15116.800014079
ontime8	15116.800014079
l1events	729129

2.1.4 Events

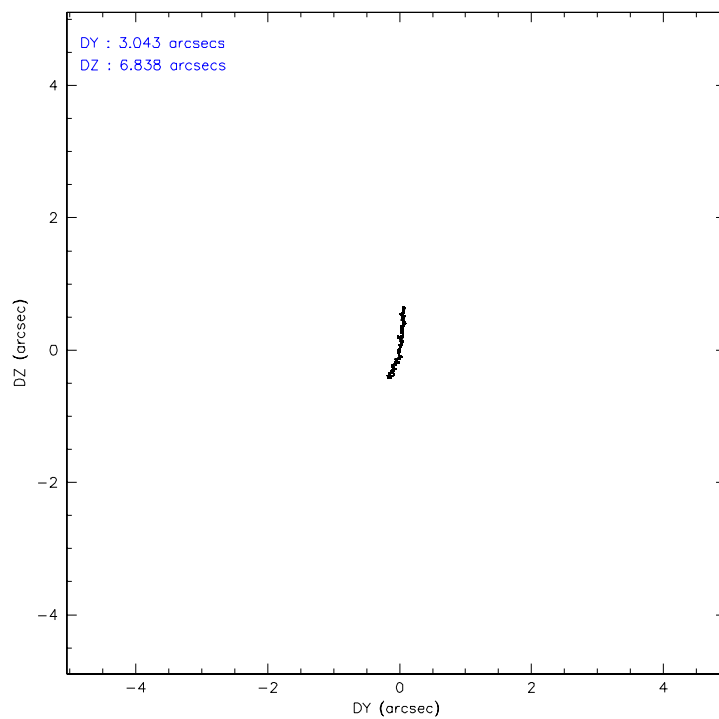
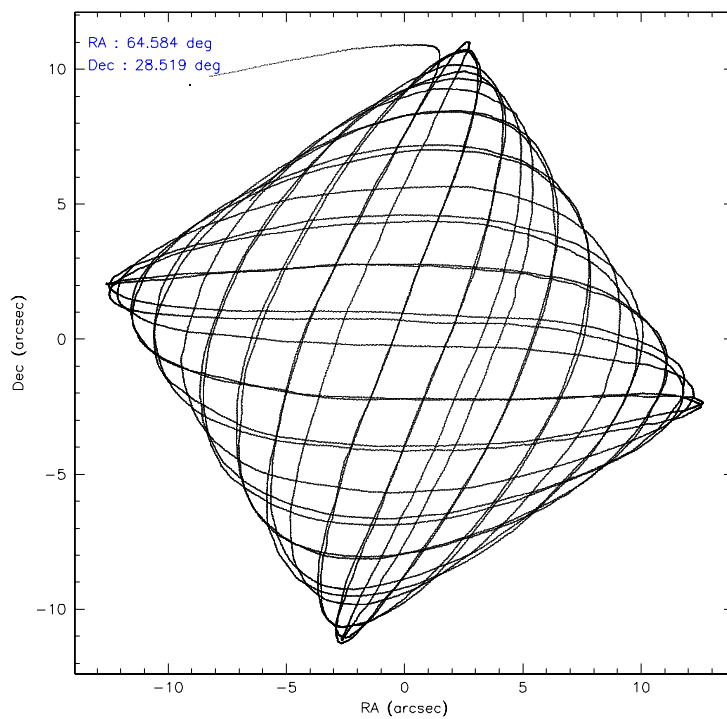
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	105375	99459	149825	102992	138767	132711
rejected events	94408	88545	84352	92129	81504	103284
rejected %	89%	89%	56%	89%	58%	77%

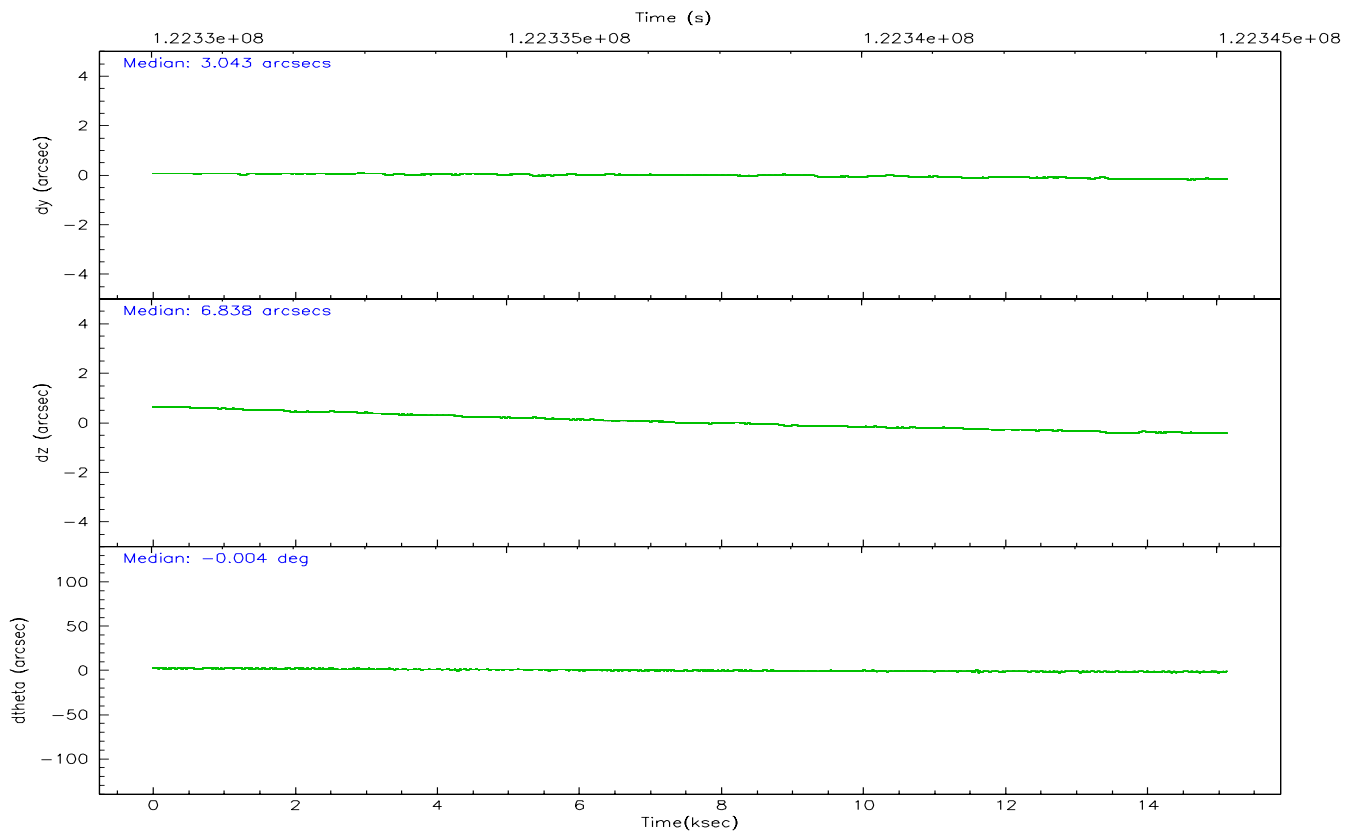
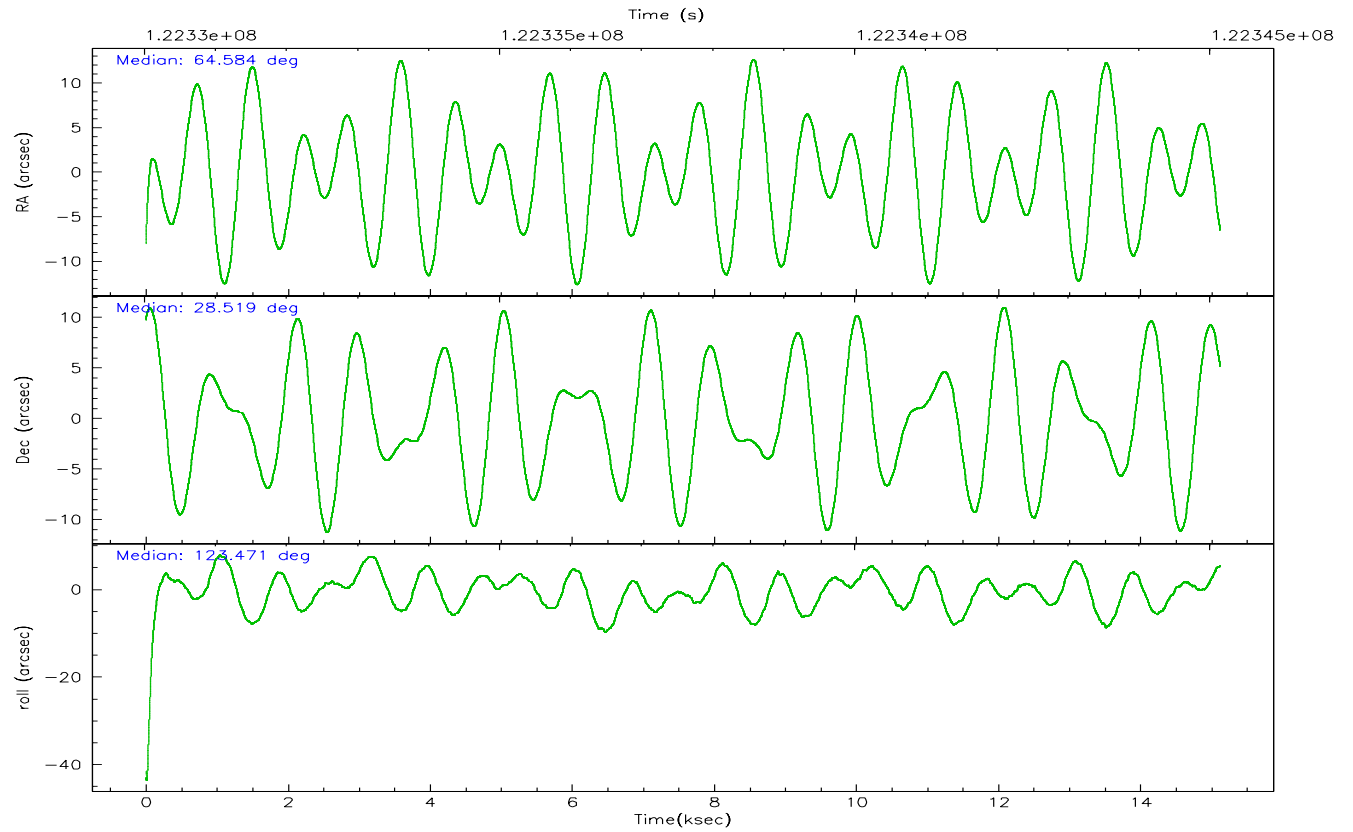
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4679	4802	9336	4455	6664	11774
	4%	4%	6%	4%	4%	8%
grade 1 events	44	54	174	35	196	81
	0%	0%	0%	0%	0%	0%
grade 2 events	2611	2381	19359	2344	12188	6273
	2%	2%	12%	2%	8%	4%
grade 3 events	1118	1145	2808	1169	5597	2998
	1%	1%	1%	1%	4%	2%
grade 4 events	1044	1111	2708	1082	5611	2804
	0%	1%	1%	1%	4%	2%
grade 5 events	3736	4086	11174	4443	13021	5788
	3%	4%	7%	4%	9%	4%
grade 6 events	2104	2112	34999	2391	29997	6777
	1%	2%	23%	2%	21%	5%
grade 7 events	90039	83768	69267	87073	65493	96216
	85%	84%	46%	84%	47%	72%

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	64.611793	64.58387204946231	Subarray requested	NONE	NONE
Pointing Dec	28.506779	28.51870427048066	Alternating exposures requested	N	N
Pointing Roll	123.305361	123.4752807940972	Primary exposure time	0.000000	3.2
Window start time	122328064.184000	122328064.184000			
Window stop time	122360464.184000	122360464.184000			
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	122330143.184000	122328693.4181			
Observation start date	2001-11-16T20:34:39	2001-11-16T20:11:33			
Observation end time	122345143.184000	122346541.23132			
Observation end date	2001-11-17T00:44:39	2001-11-17T01:09:01			
Read mode	TIMED	TIMED			

2.3 Aspect



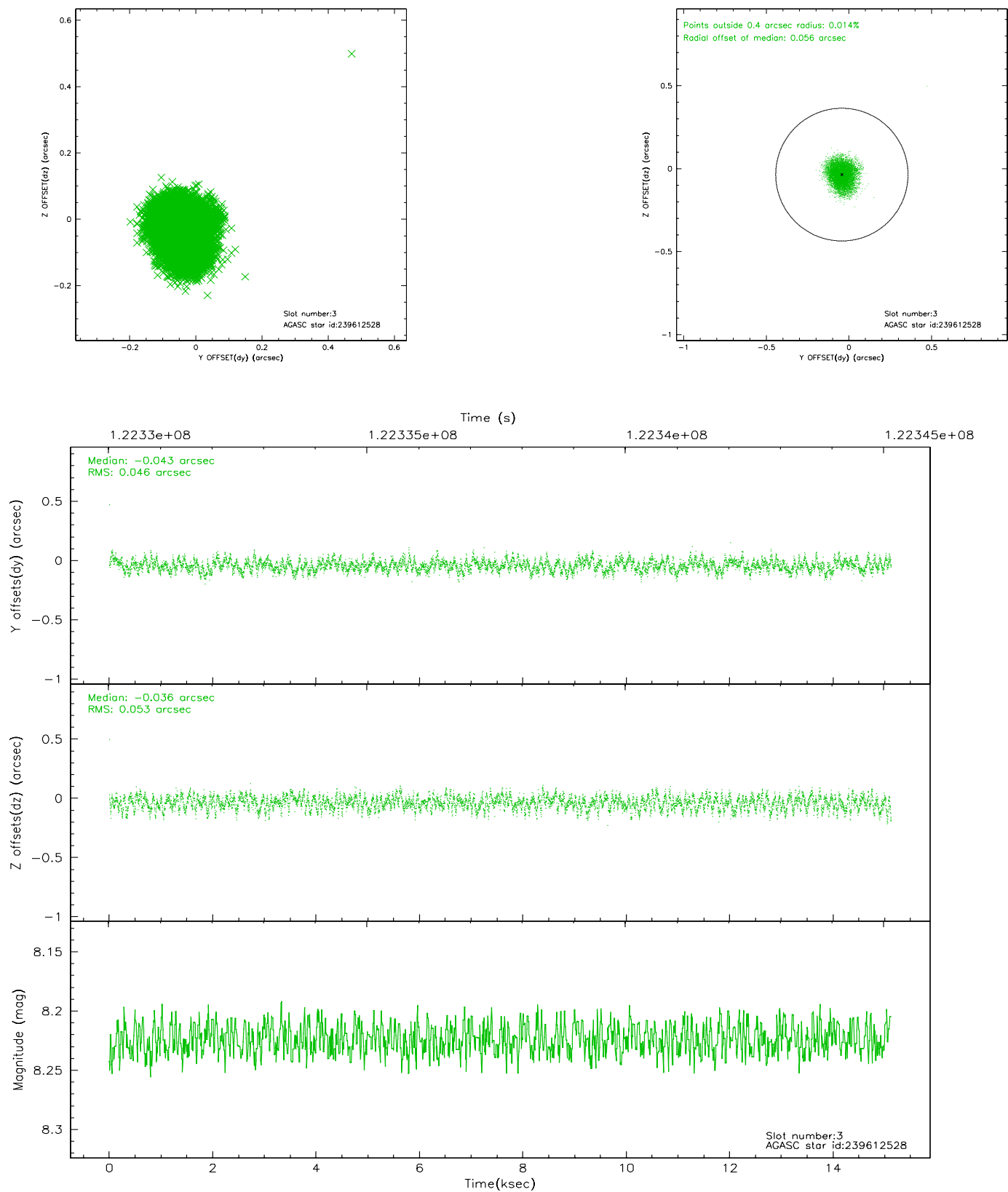


Slot Statistics

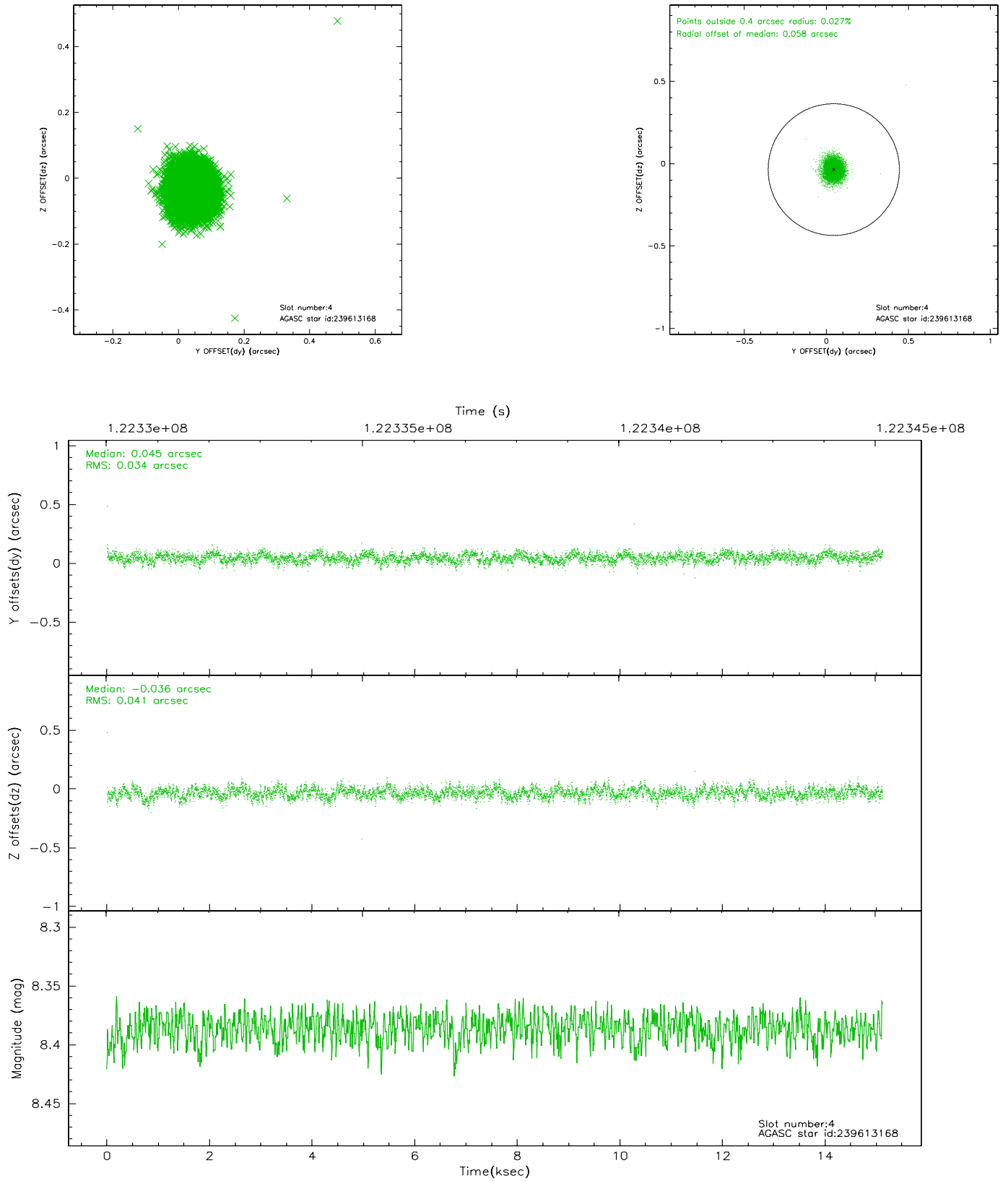
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3689	-0.005	0.034	0.011	0.016	0.000000	0.000000	-755.66	-1727.97
1	FID	ACIS-S-4	7.20	3689	-0.076	-0.007	0.007	0.012	0.000000	0.000000	2157.40	180.19
2	FID	ACIS-S-5	7.24	3689	0.049	-0.019	0.009	0.015	0.000000	0.000000	-1808.07	174.16
3	GUIDE	239612528	8.22	7371	-0.043	-0.036	0.076	0.118	65.157445	28.892017	218.85	-2200.24
4	GUIDE	239613168	8.39	7349	0.045	-0.036	0.056	0.089	65.055525	28.814853	161.51	-1779.66
5	GUIDE	239602936	8.78	7376	0.036	0.058	0.068	0.107	65.403432	28.416154	-1641.13	-1919.70
6	GUIDE	239603464	9.02	7375	0.033	-0.029	0.068	0.116	65.495198	28.301805	-2145.00	-1940.28
7	GUIDE	239613792	9.29	7376	-0.071	0.049	0.085	0.143	64.923324	29.257853	1724.26	-2302.45

2.4 Star Slots

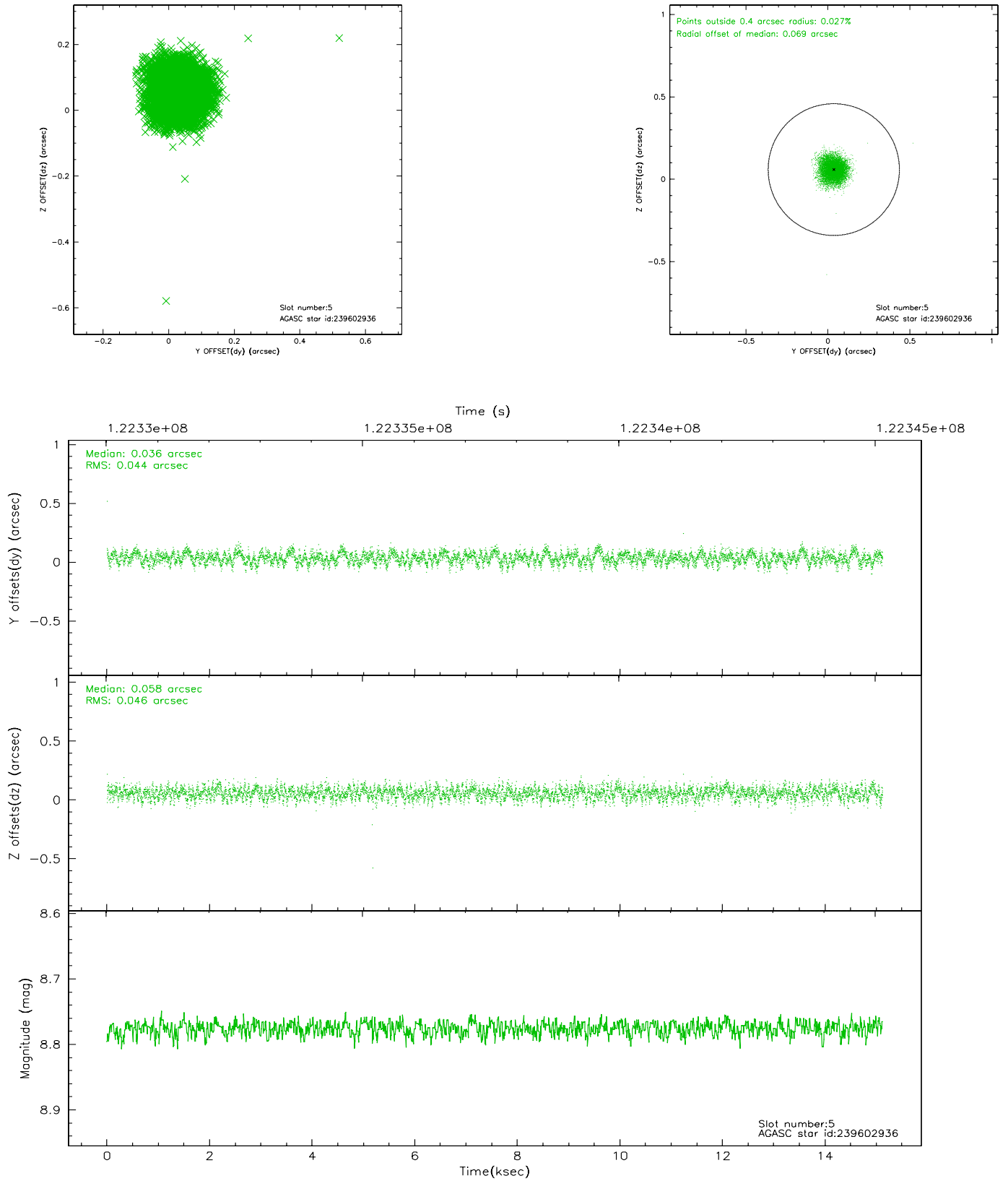
2.4.1 Slot 3



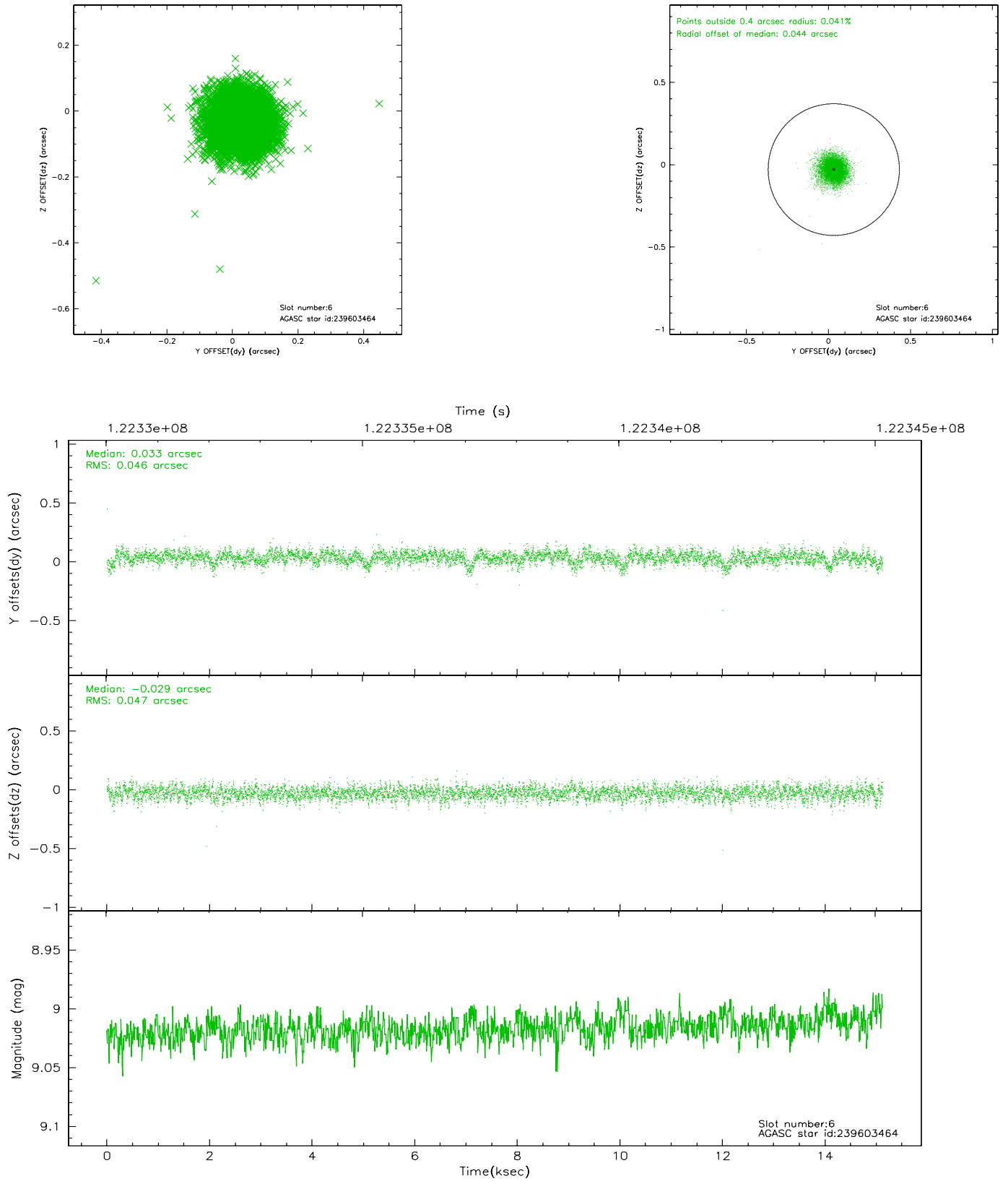
2.4.2 Slot 4



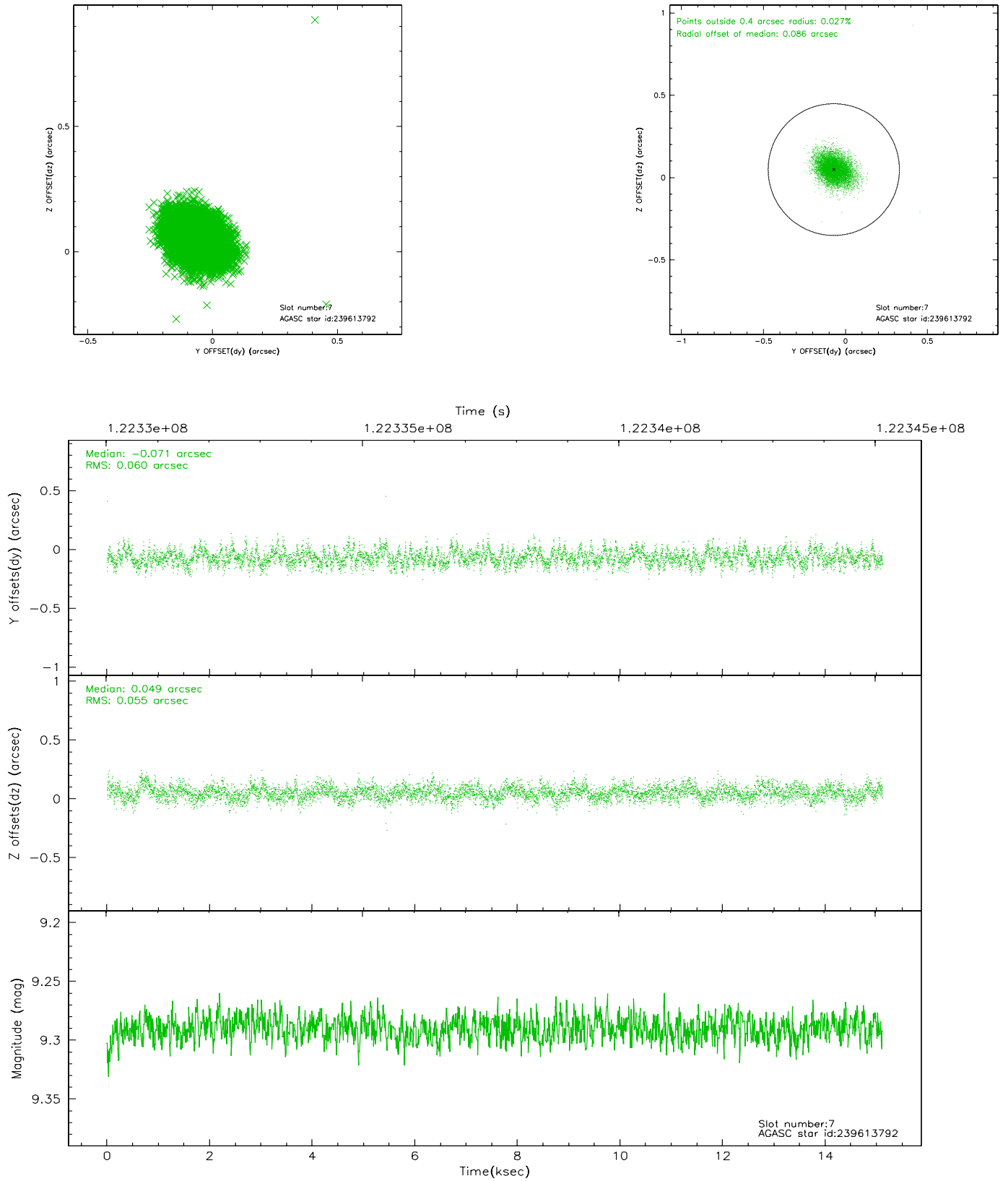
2.4.3 Slot 5



2.4.4 Slot 6

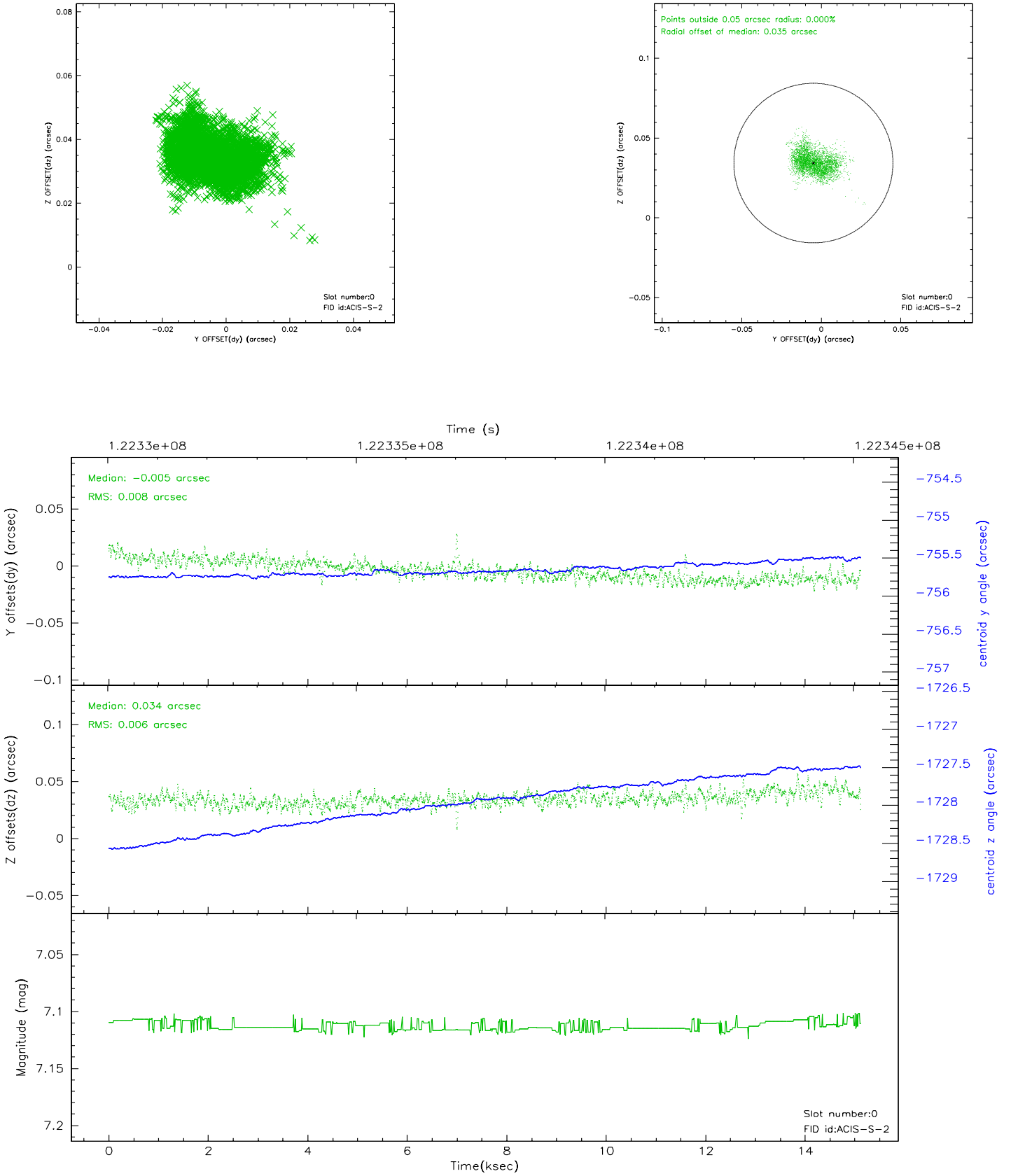


2.4.5 Slot 7

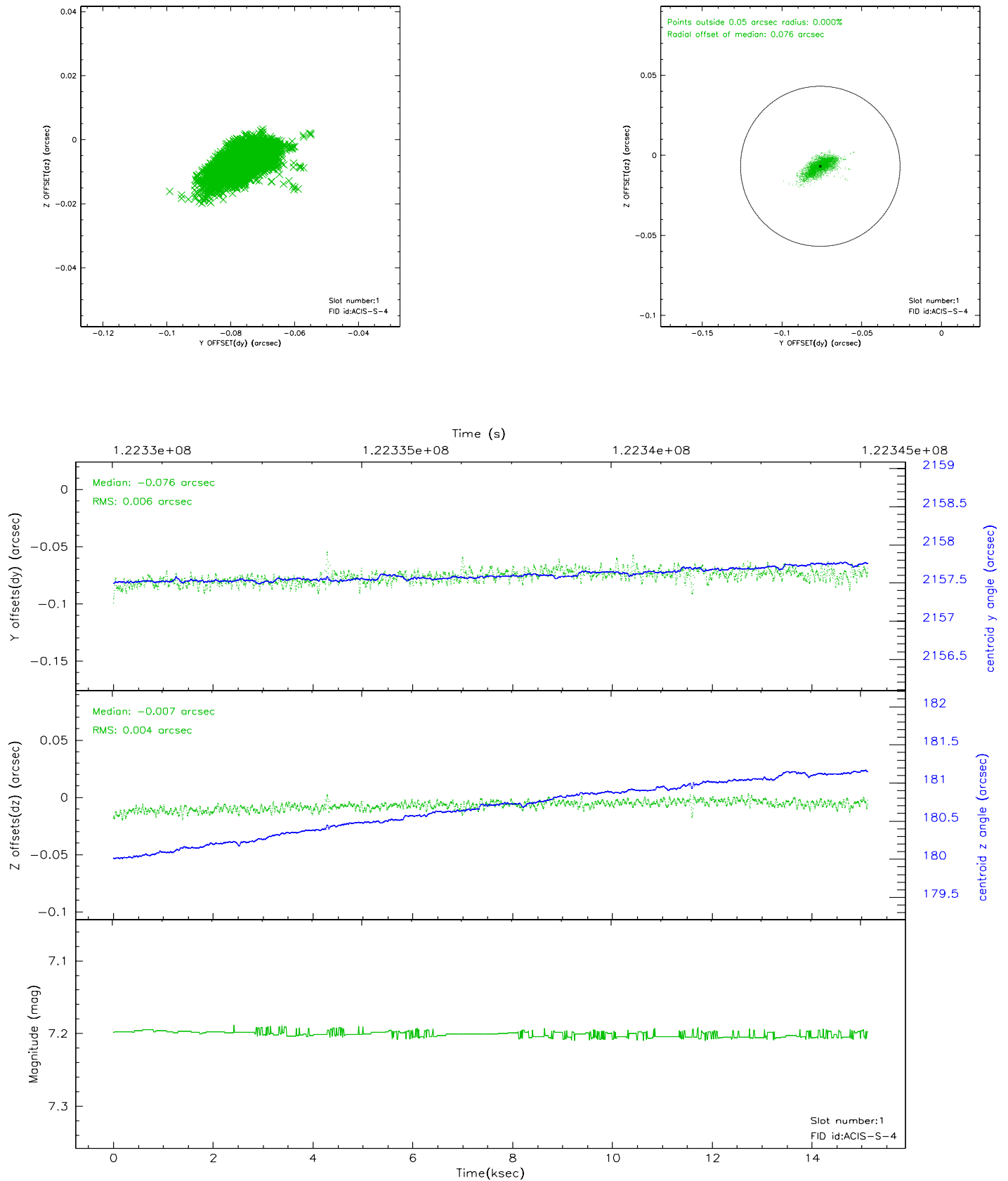


2.5 FID Slots

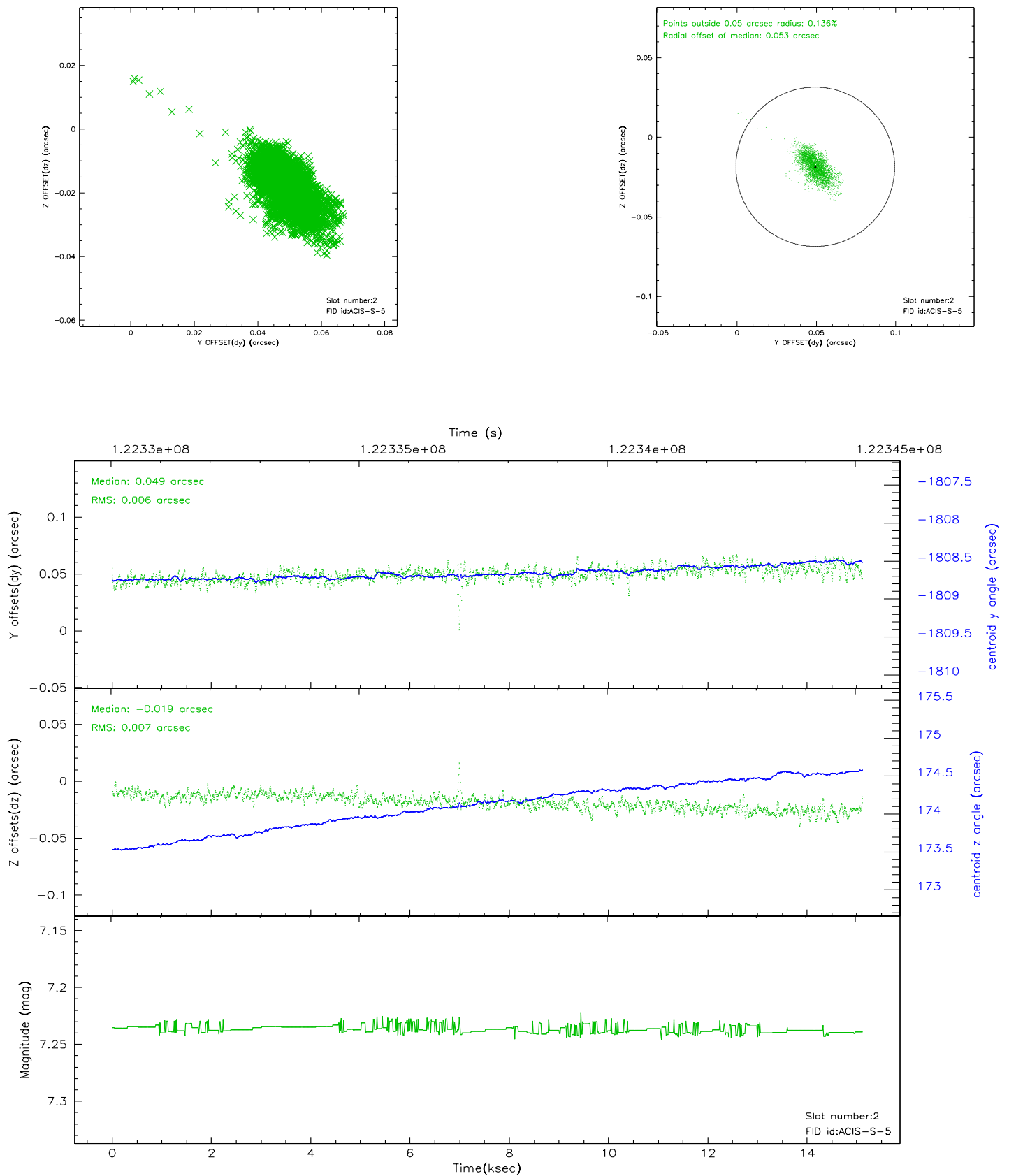
2.5.1 Slot 0



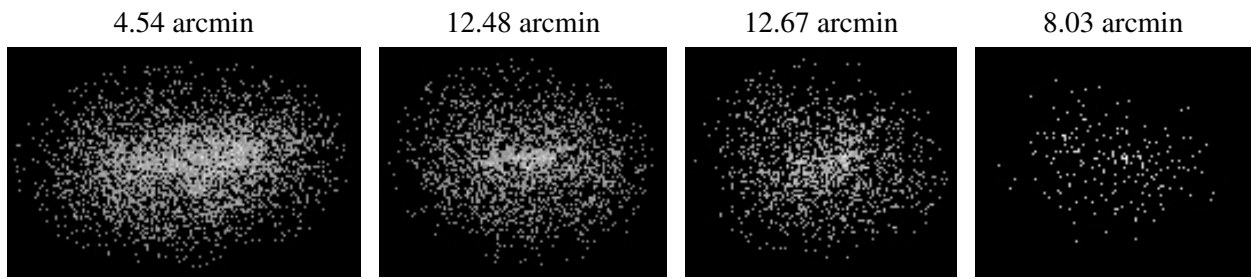
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.116

A.2 Comments