

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3222 - L2 Version 001
Chandra X-Ray Center

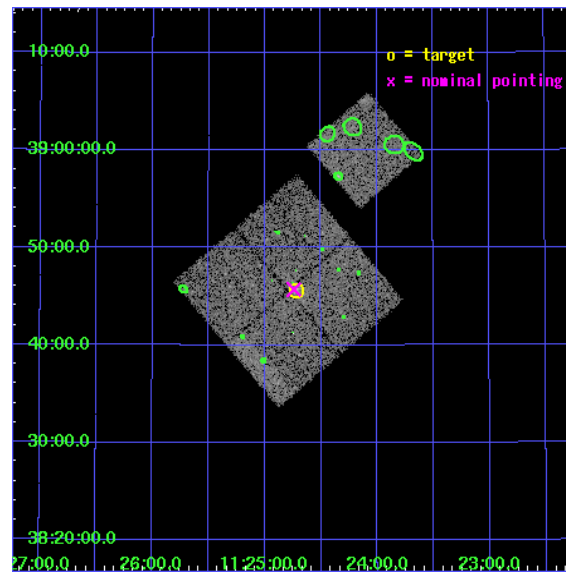
L2 Processing Date : Jan 13 2007

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1 Front

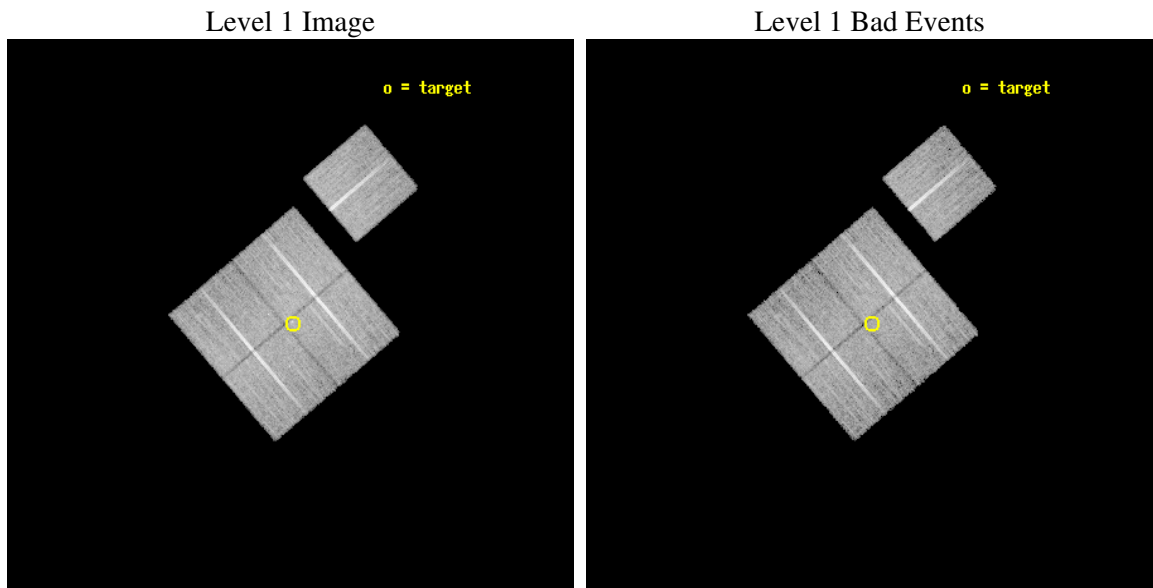
seq_num	800222
obs_id	3222
title	THE ORIGIN OF X-RAY EMISSION FROM LOW VELOCITY DISPERSION GROUPS
observer	Professor Trevor Ponman
object	NGC 3665 GROUP
dtcycle	0
cycle	P
ra_targ	171.18
dec_targ	38.76
ra_nom	171.18537855527
dec_nom	38.762091284145
roll_nom	49.494706779176
revision	2
ontime	18190.718044519
livetime	17953.042921456
ontime0	18196.999965012
ontime1	18196.999965012
ontime2	18196.999965012
ontime3	18190.718044519
ontime6	18196.999965012
l2events	41472



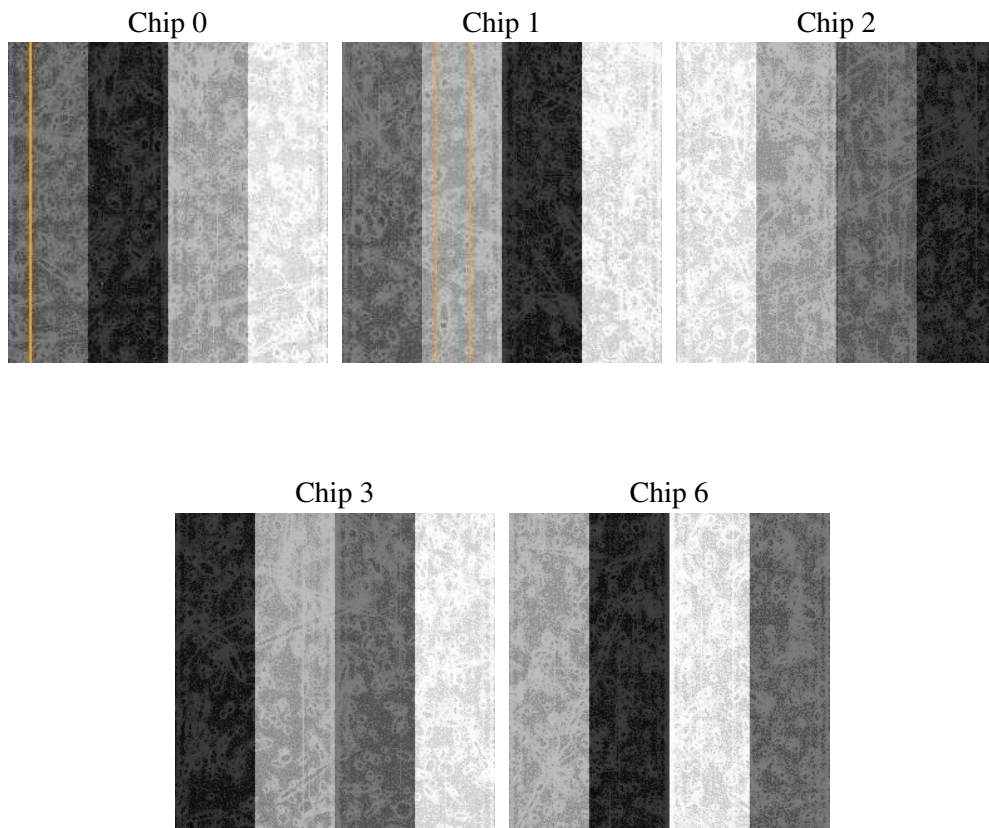
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-13T15:09:22
revision	2

sched_exp_time	18000.000000
ontime	18190.718044519
ontime0	18196.999965012
ontime1	18196.999965012
ontime2	18196.999965012
ontime3	18190.718044519
ontime6	18196.999965012
llevents	508457

2.1.4 Events

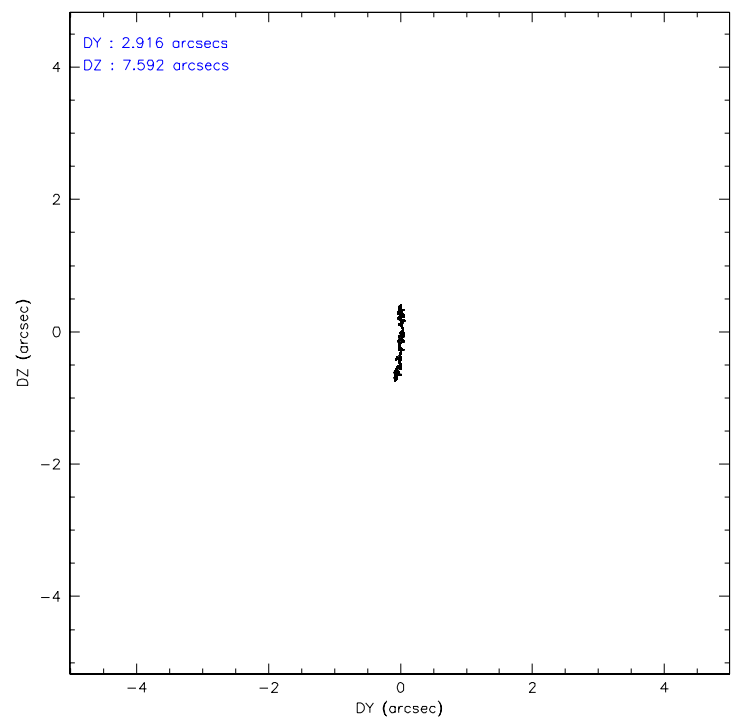
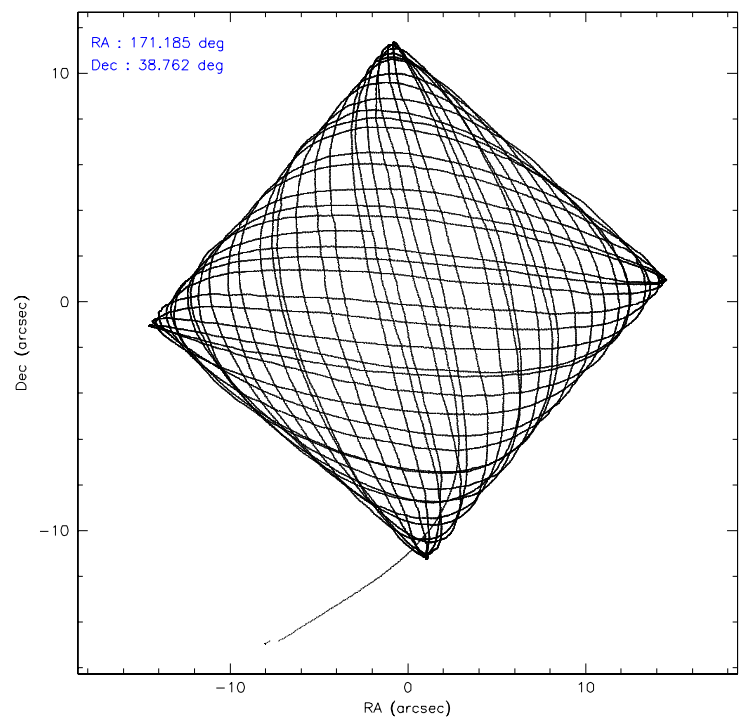
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	96494	96938	109093	103777	102155
rejected events	86736	85726	99480	94247	92019
rejected %	89%	88%	91%	90%	90%

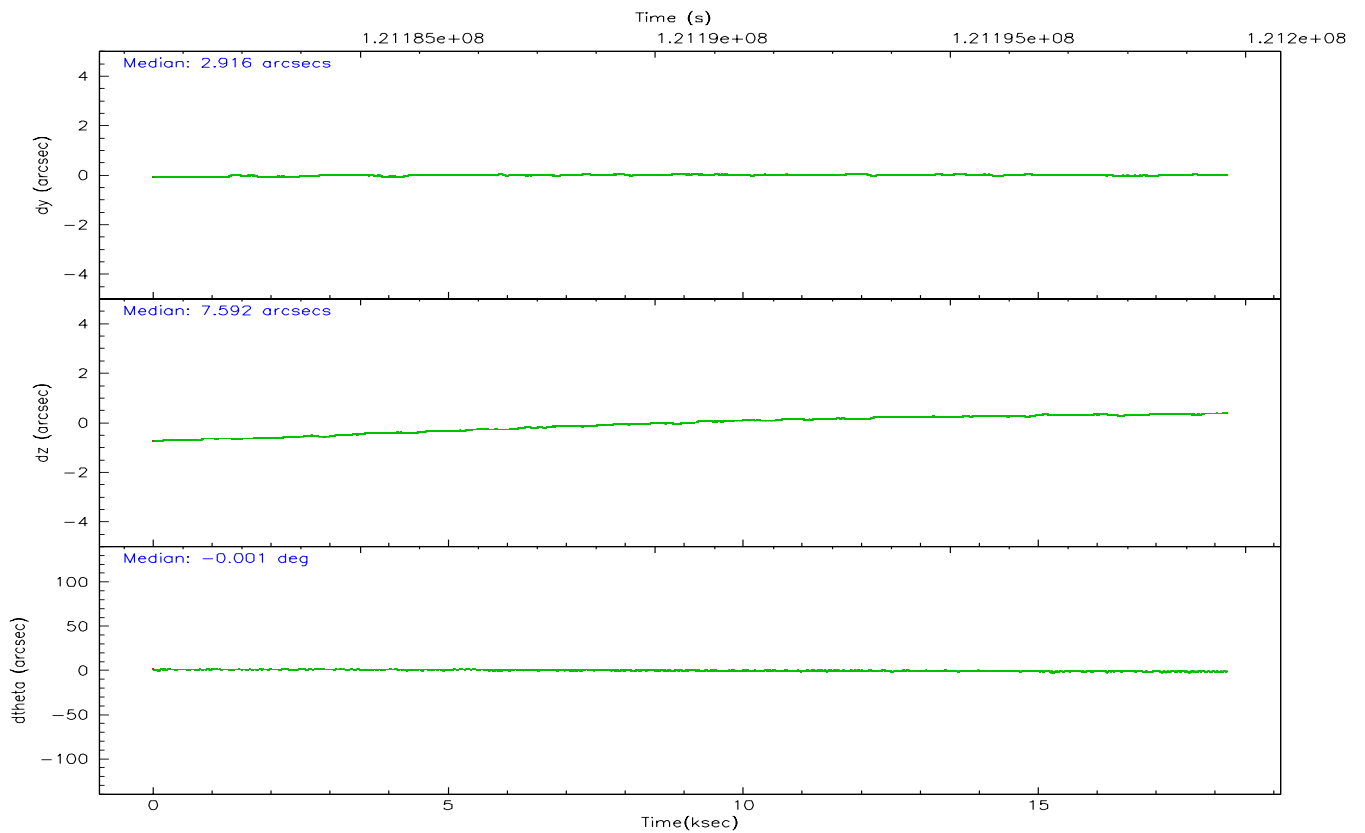
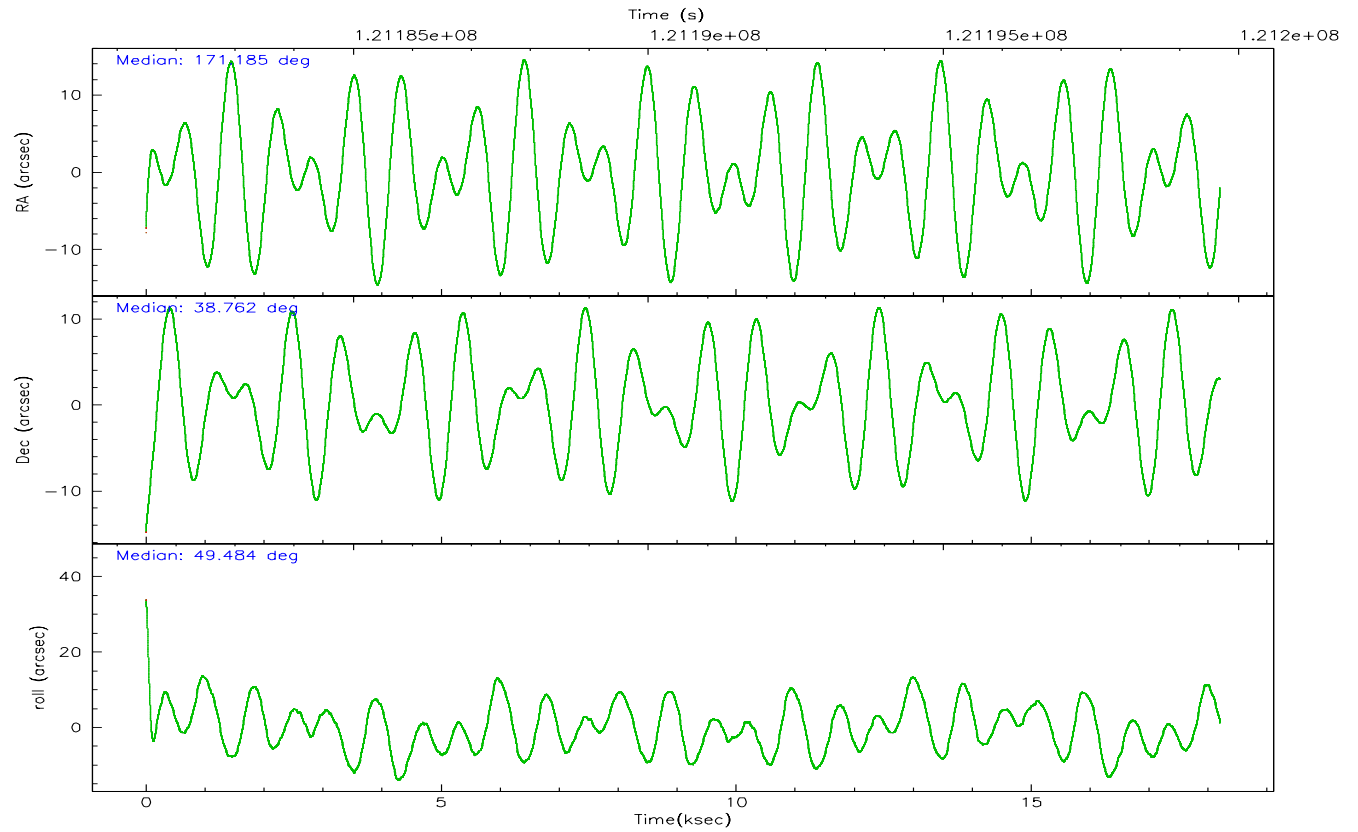
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3567	4363	3639	3832	3751
	3%	4%	3%	3%	3%
grade 1 events	44	48	38	59	41
	0%	0%	0%	0%	0%
grade 2 events	2304	2323	2211	2000	2185
	2%	2%	2%	1%	2%
grade 3 events	1201	1333	1076	1059	1147
	1%	1%	0%	1%	1%
grade 4 events	1087	1321	1034	998	1157
	1%	1%	0%	0%	1%
grade 5 events	3229	3624	2966	3463	3725
	3%	3%	2%	3%	3%
grade 6 events	1816	2164	1848	1863	2133
	1%	2%	1%	1%	2%
grade 7 events	83246	81762	96281	90503	88016
	86%	84%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	171.179058	171.1853785552748	Subarray requested	NONE	NONE
Pointing Dec	38.735129	38.7620912841445	Alternating exposures requested	N	N
Pointing Roll	49.289955	49.49470677917643	Primary exposure time	0.000000	3.1
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	121181691.184000	121180476.07229			
Observation start date	2001-11-03T13:33:47	2001-11-03T13:14:36			
Observation end time	121199691.184000	121200302.13558			
Observation end date	2001-11-03T18:33:47	2001-11-03T18:45:02			
Read mode	TIMED	TIMED			

2.3 Aspect



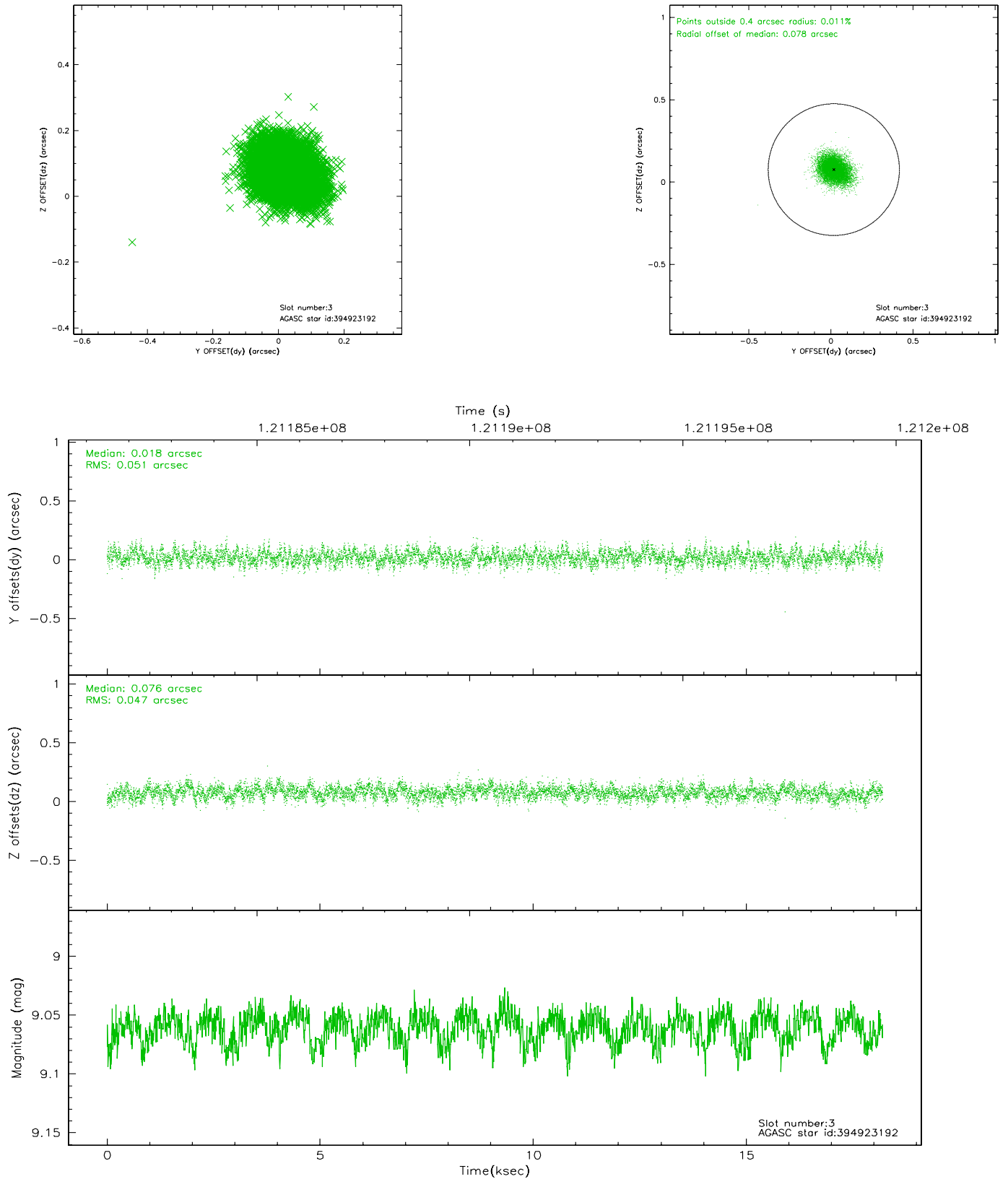


Slot Statistics

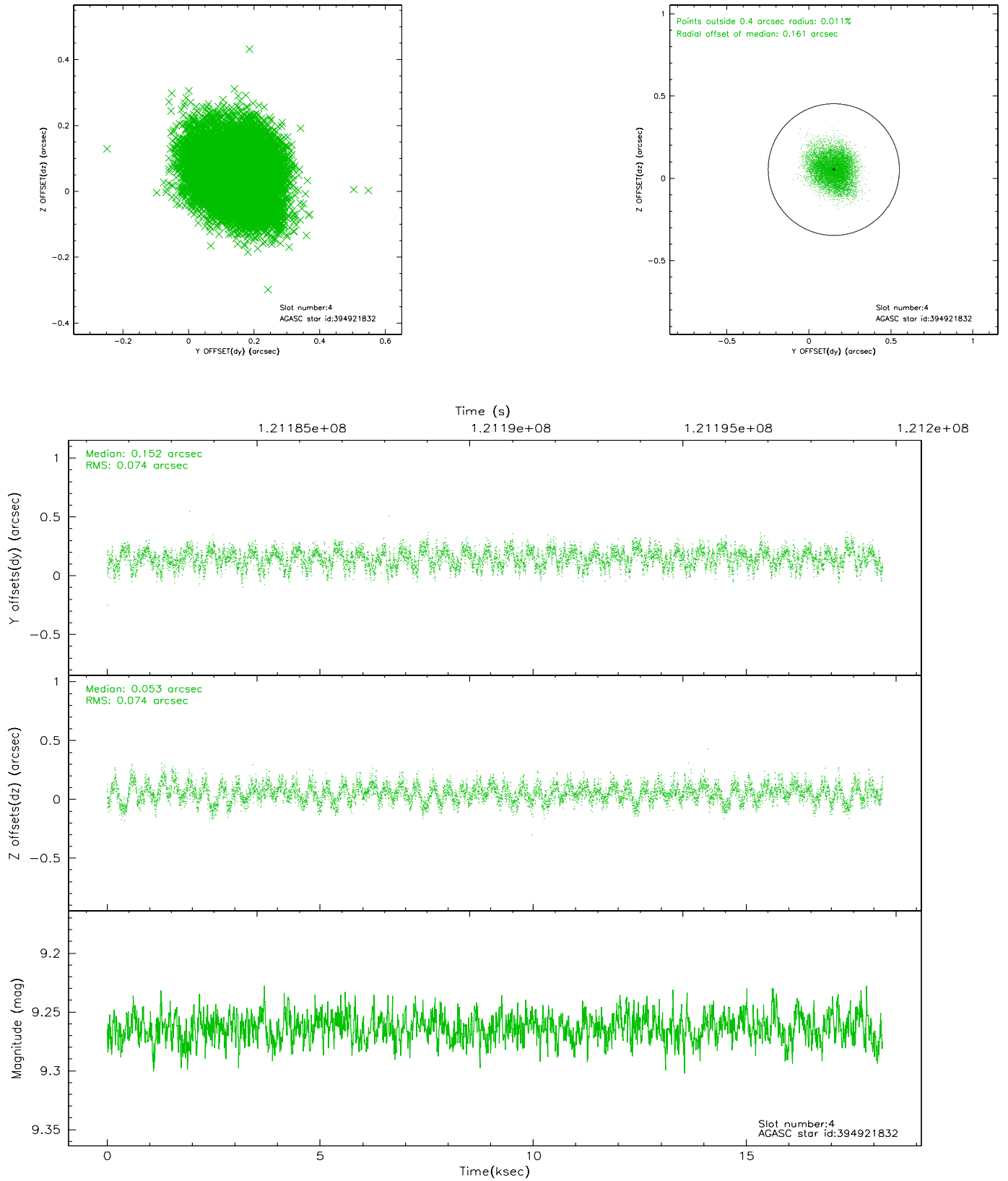
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4441	-0.023	0.067	0.016	0.026	0.000000	0.000000	936.85	-830.88
1	FID	ACIS-I-5	7.24	4439	-0.021	0.046	0.007	0.012	0.000000	0.000000	-1811.11	1066.52
2	FID	ACIS-I-6	7.26	4439	-0.048	-0.043	0.013	0.023	0.000000	0.000000	402.17	1711.15
3	GUIDE	394923192	9.06	8878	0.018	0.076	0.073	0.121	170.905251	38.693700	-613.39	486.80
4	GUIDE	394921832	9.26	8880	0.152	0.053	0.113	0.176	170.323439	38.532462	-2115.59	1357.82
5	GUIDE	394921536	9.53	8877	0.063	-0.081	0.130	0.212	170.069169	38.648391	-2257.63	2173.93
6	GUIDE	394931504	9.28	8878	-0.079	0.205	0.080	0.131	171.750013	38.578634	625.47	-1581.78
7	GUIDE	394922424	9.57	8855	-0.166	-0.251	0.113	0.187	170.568765	39.208009	184.53	2404.26

2.4 Star Slots

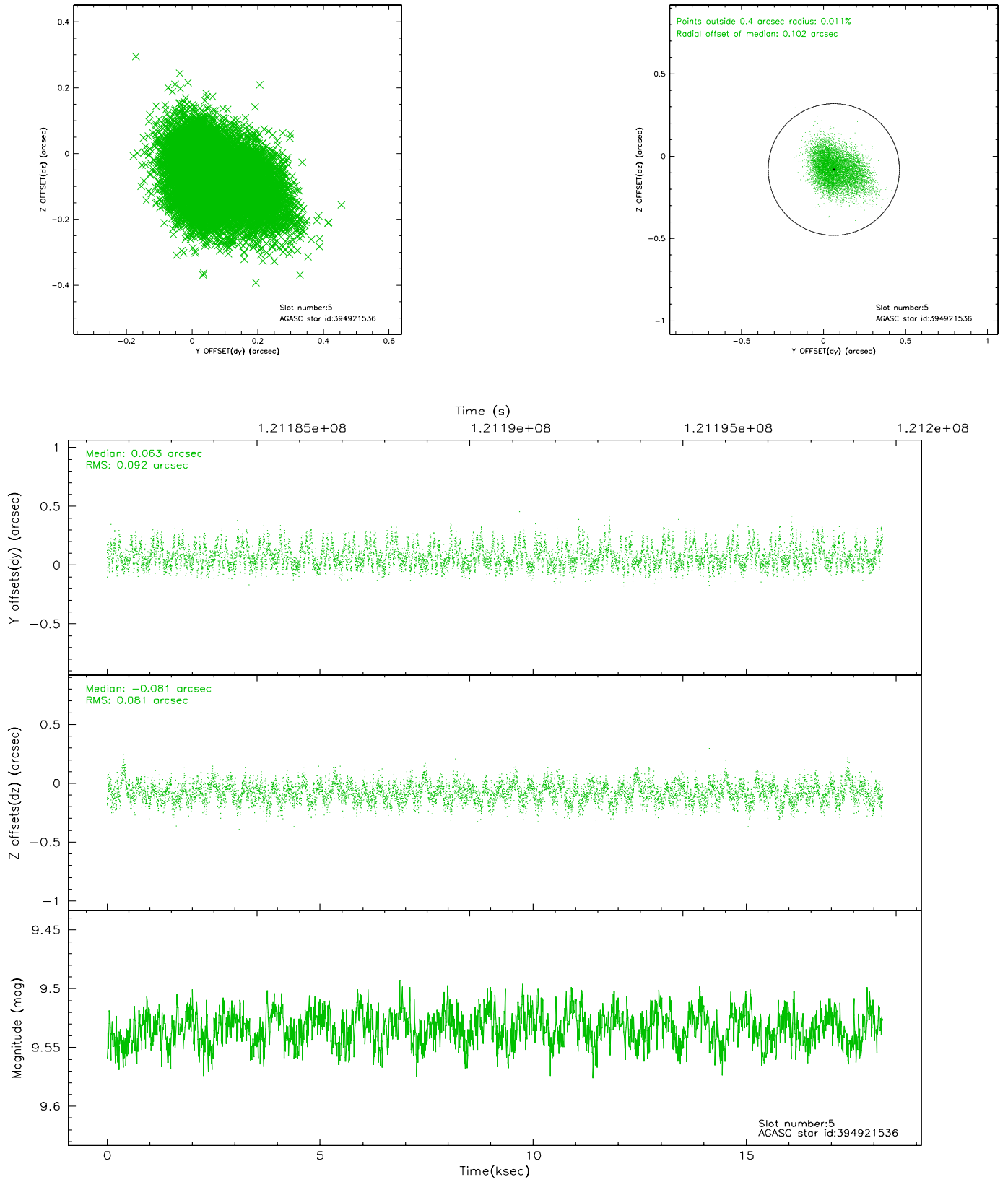
2.4.1 Slot 3



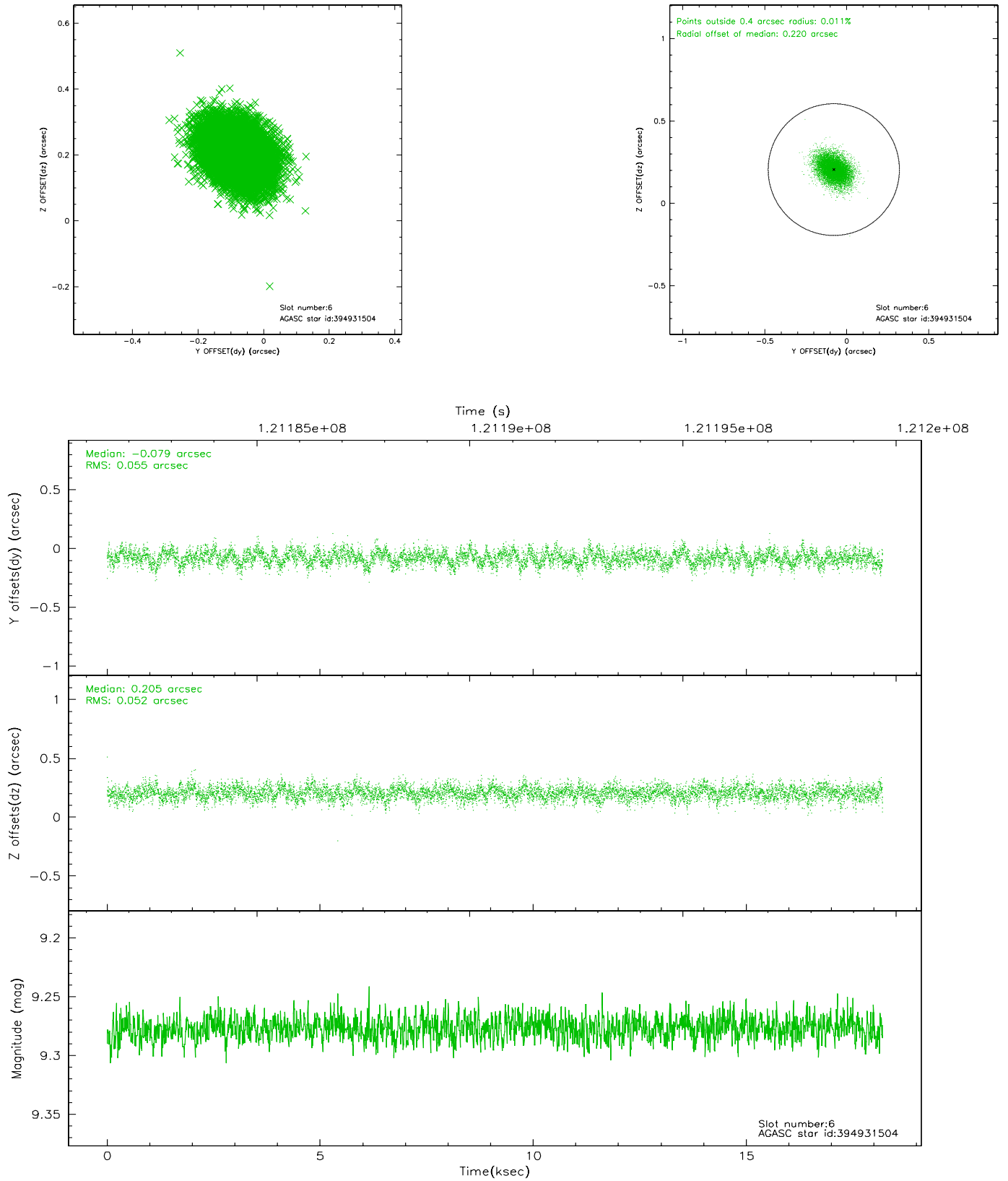
2.4.2 Slot 4



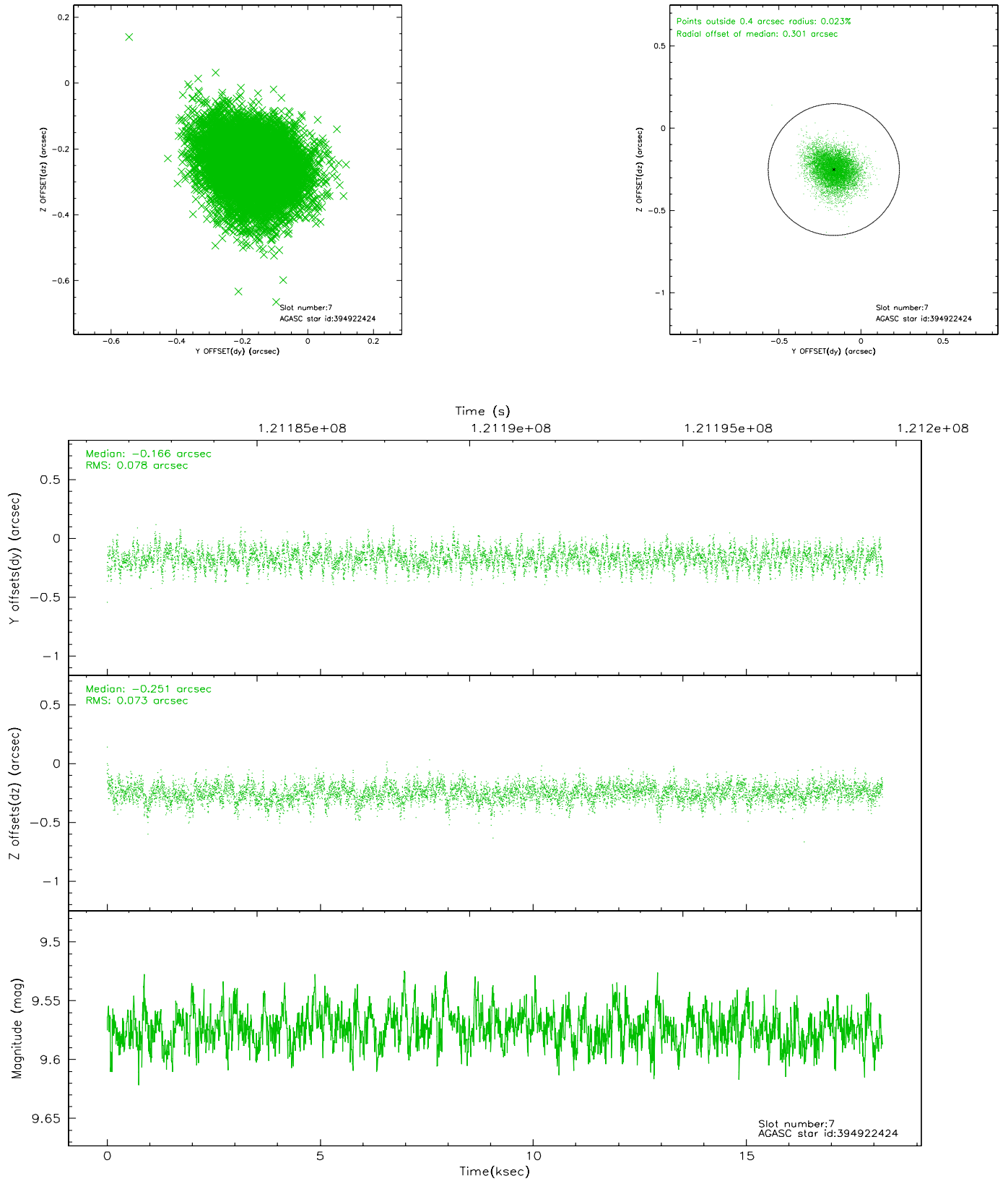
2.4.3 Slot 5



2.4.4 Slot 6

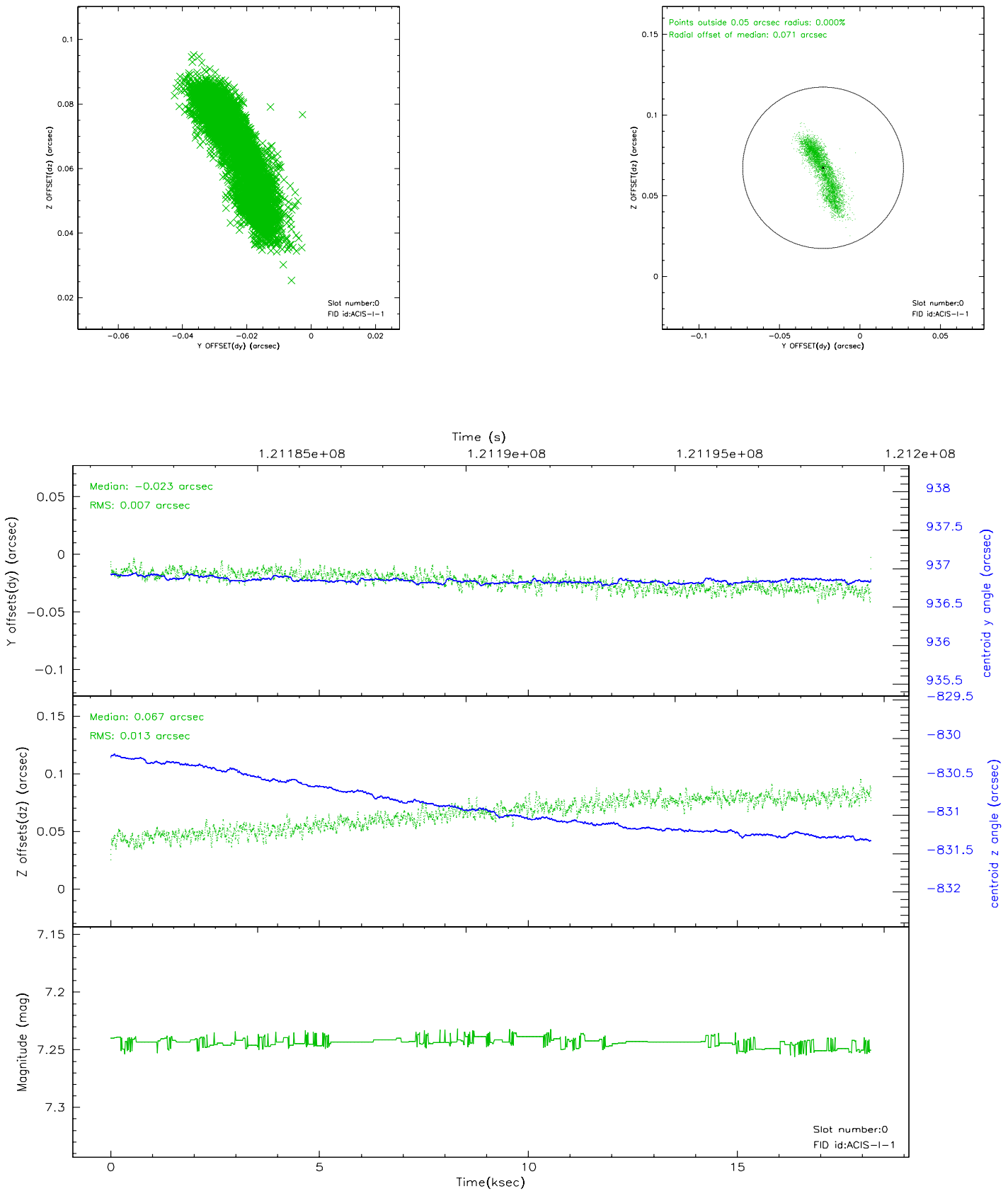


2.4.5 Slot 7

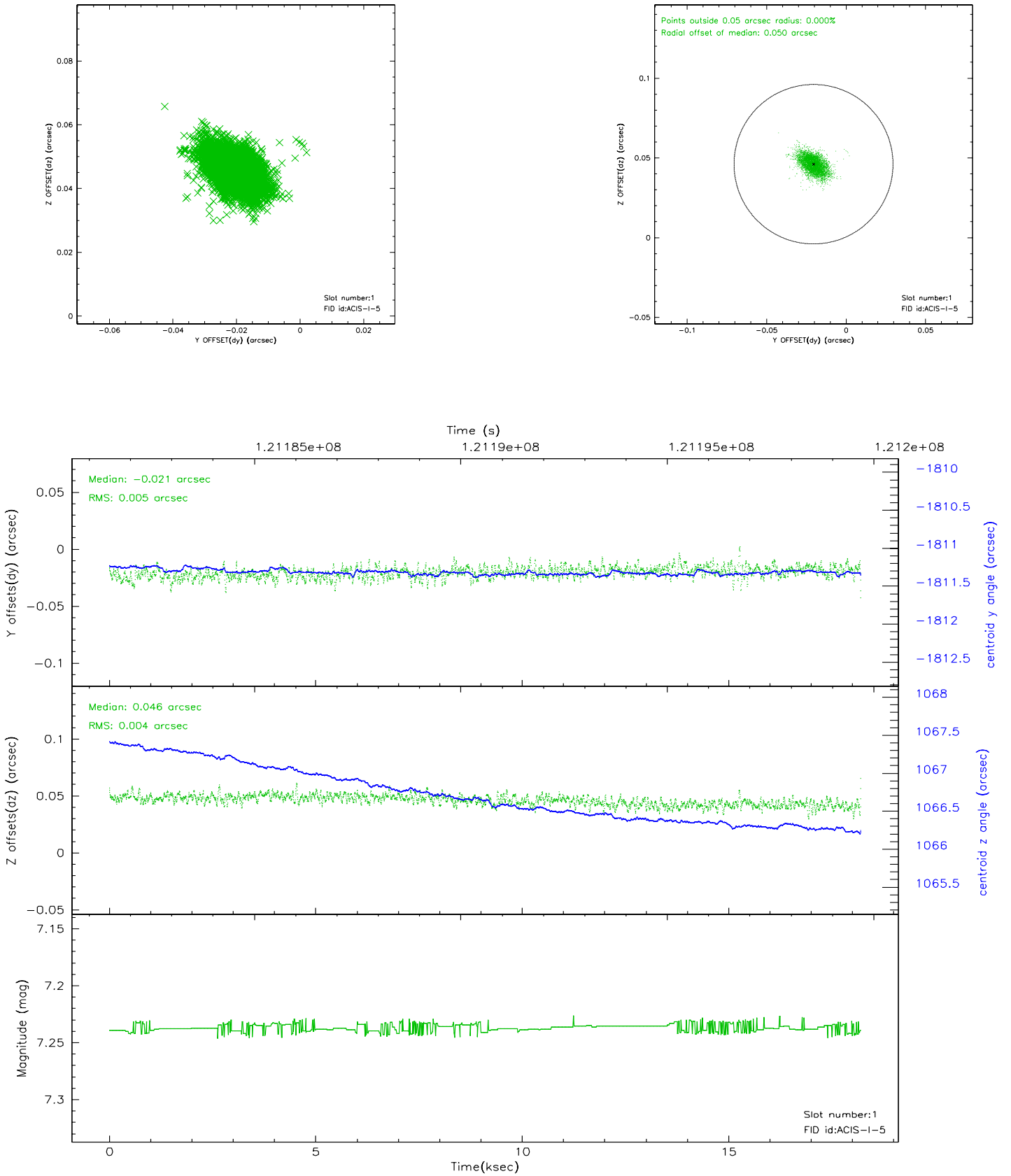


2.5 FID Slots

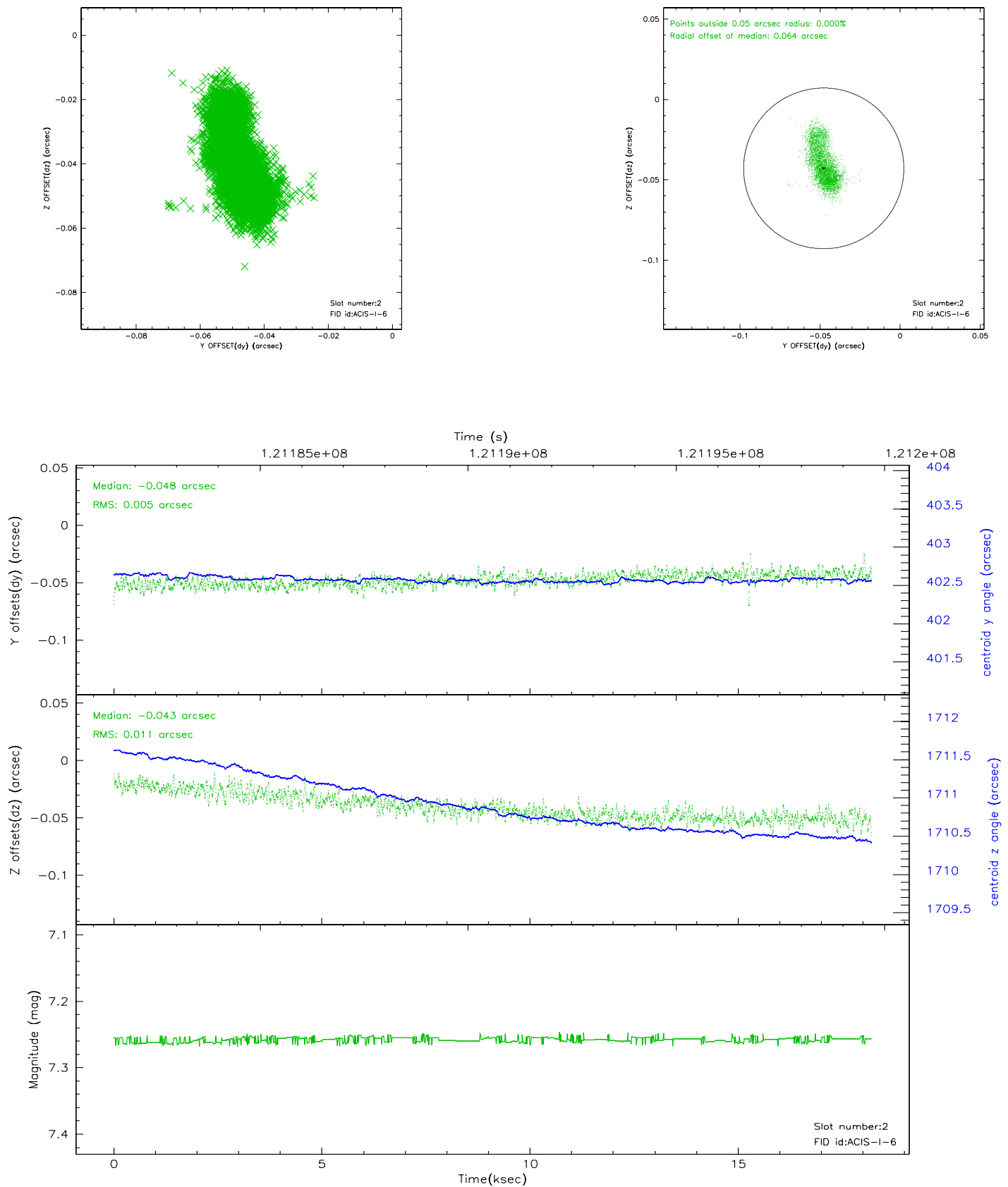
2.5.1 Slot 0



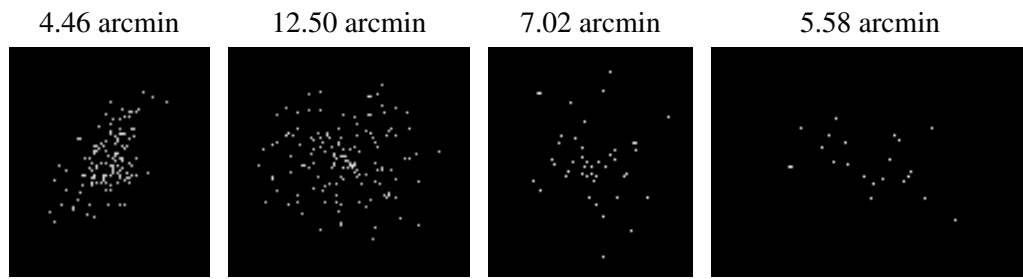
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2007.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.19

A.2 Comments