

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3711 - L2 Version 001
Chandra X-Ray Center

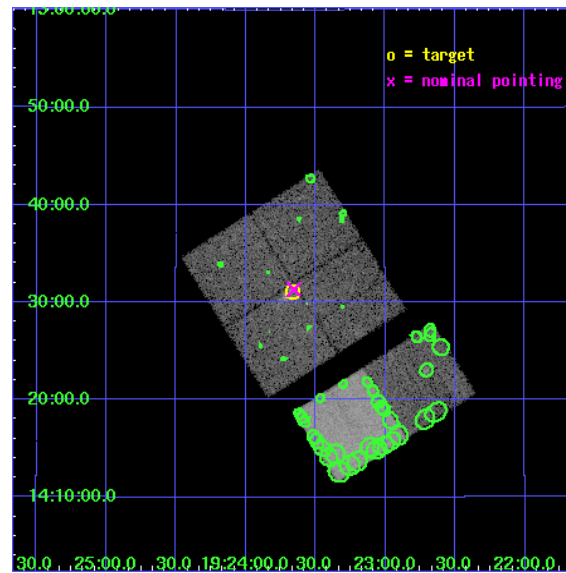
L2 Processing Date : Sep 19 2006

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1 Front

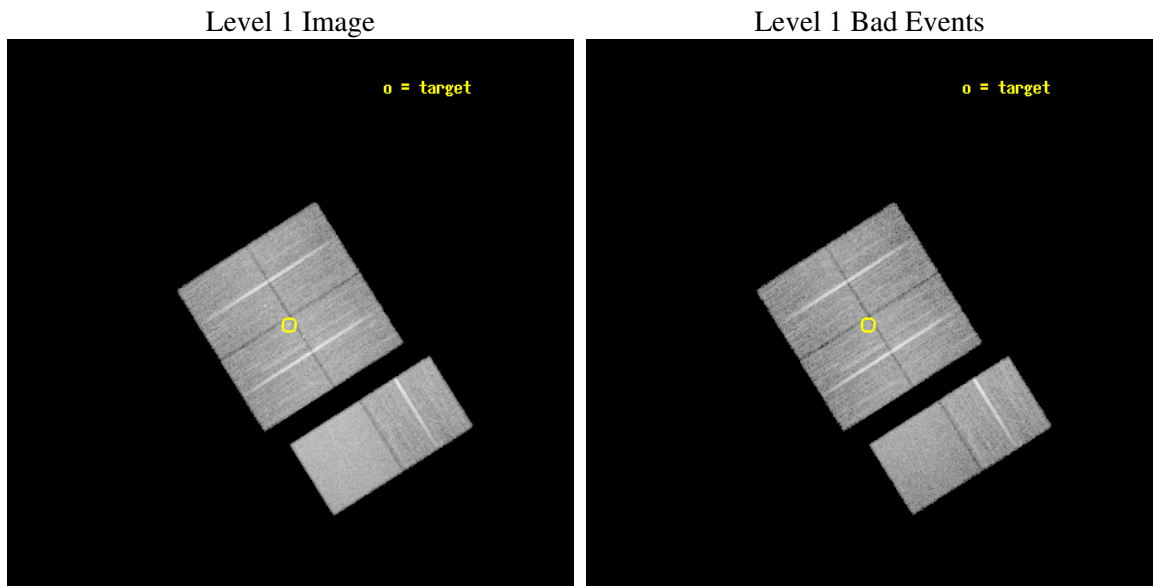
seq_num	200132
obs_id	3711
title	VIOLENT MASSIVE STAR FORMATION IN THE GALAXY: W51 ALTERNATE TARGET
observer	Professor Gordon Garmire
object	W51
dtcycle	0
cycle	P
ra_targ	290.916667
dec_targ	14.518333
ra_nom	290.91388069678
dec_nom	14.522169379893
roll_nom	147.83638614465
revision	2
ontime	19462.399927497
livetime	19215.955300765
ontime0	19462.399927497
ontime1	19462.399927497
ontime2	19462.399927497
ontime3	19462.399927497
ontime6	19459.158957243
ontime7	19462.399927497
l2events	131993



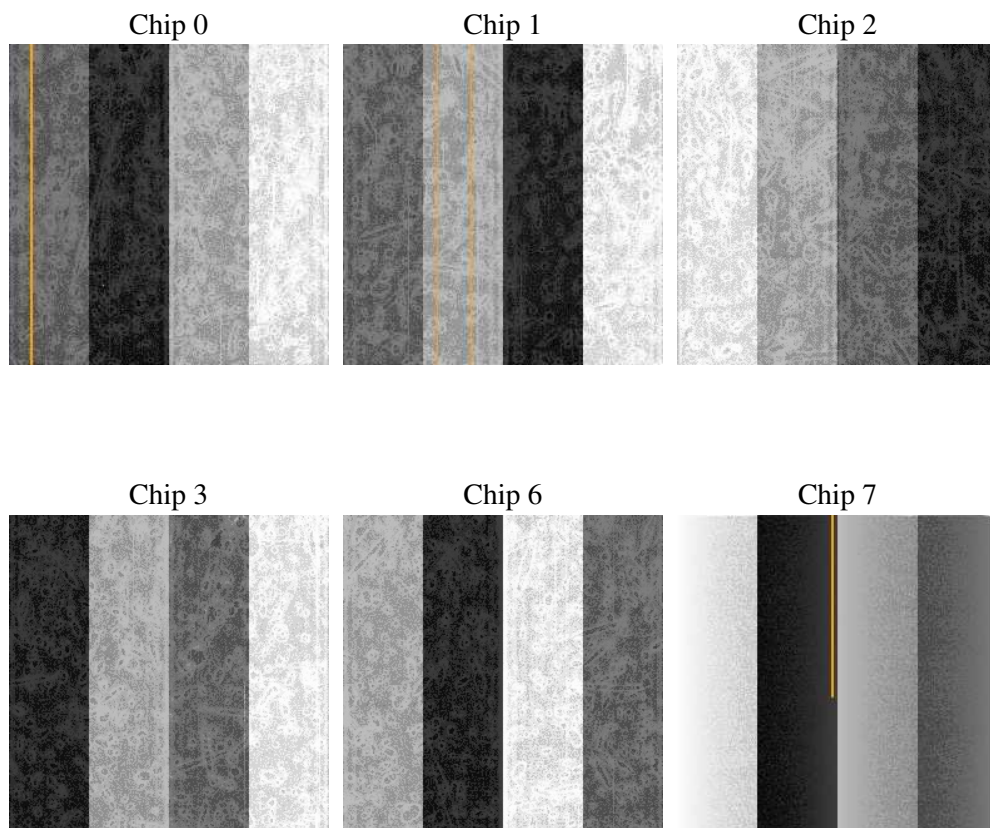
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-19T18:02:10
revision	2

sched_exp_time	19500.000000
ontime	19468.71896711
ontime0	19468.71896711
ontime1	19468.718987018
ontime2	19468.718987018
ontime3	19468.71896711
ontime6	19465.478016764
ontime7	19468.718987018
l1events	781057

2.1.4 Events

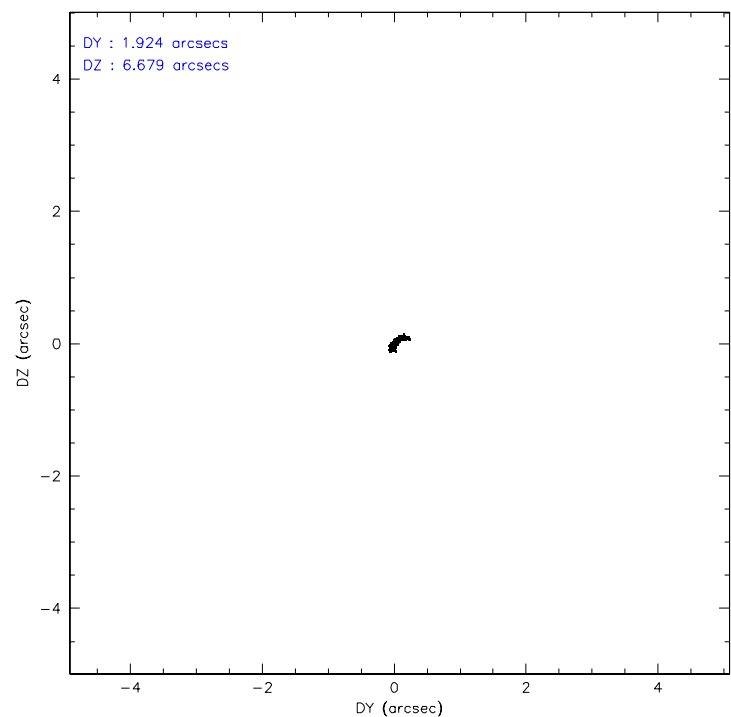
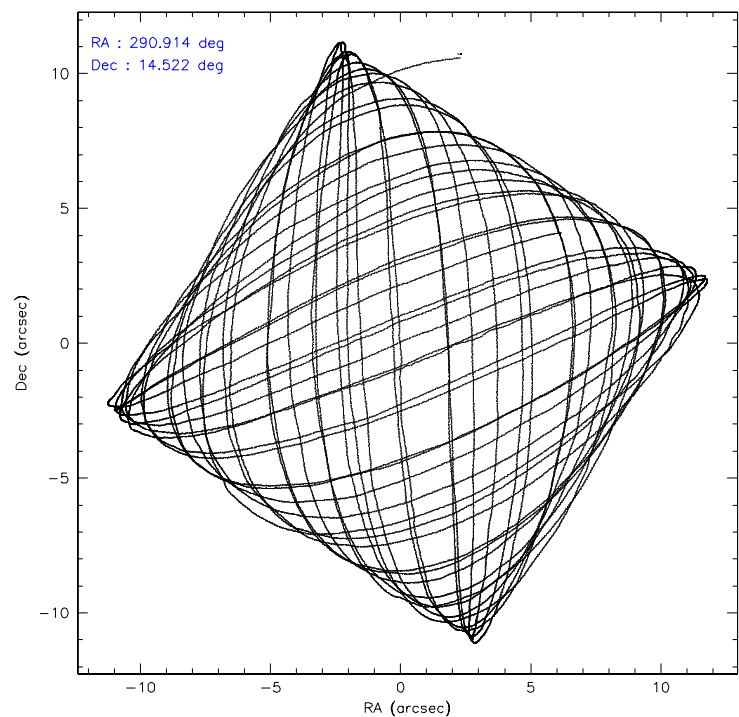
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	113461	115319	127791	125250	132379	166857
rejected events	98356	98927	112304	109276	116701	101402
rejected %	86%	85%	87%	87%	88%	60%

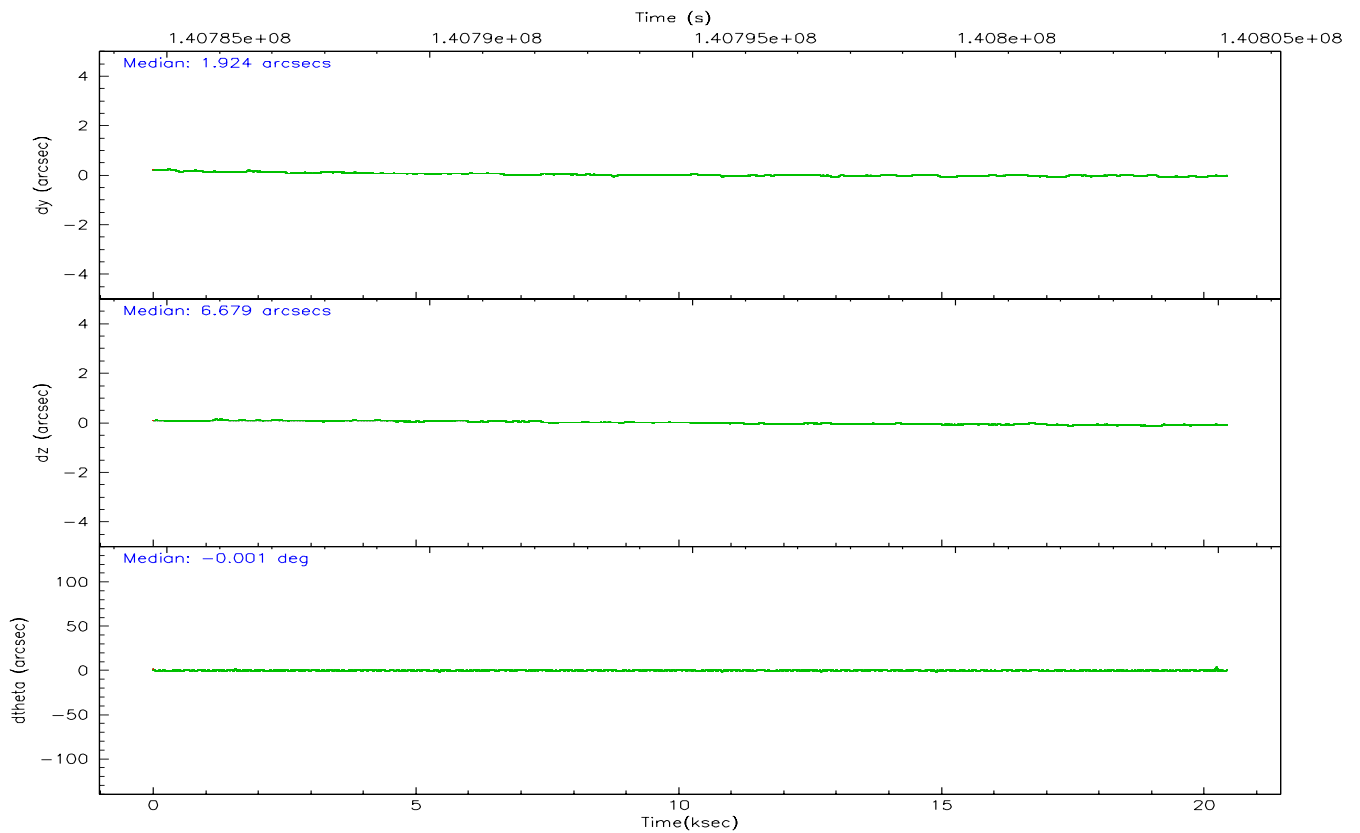
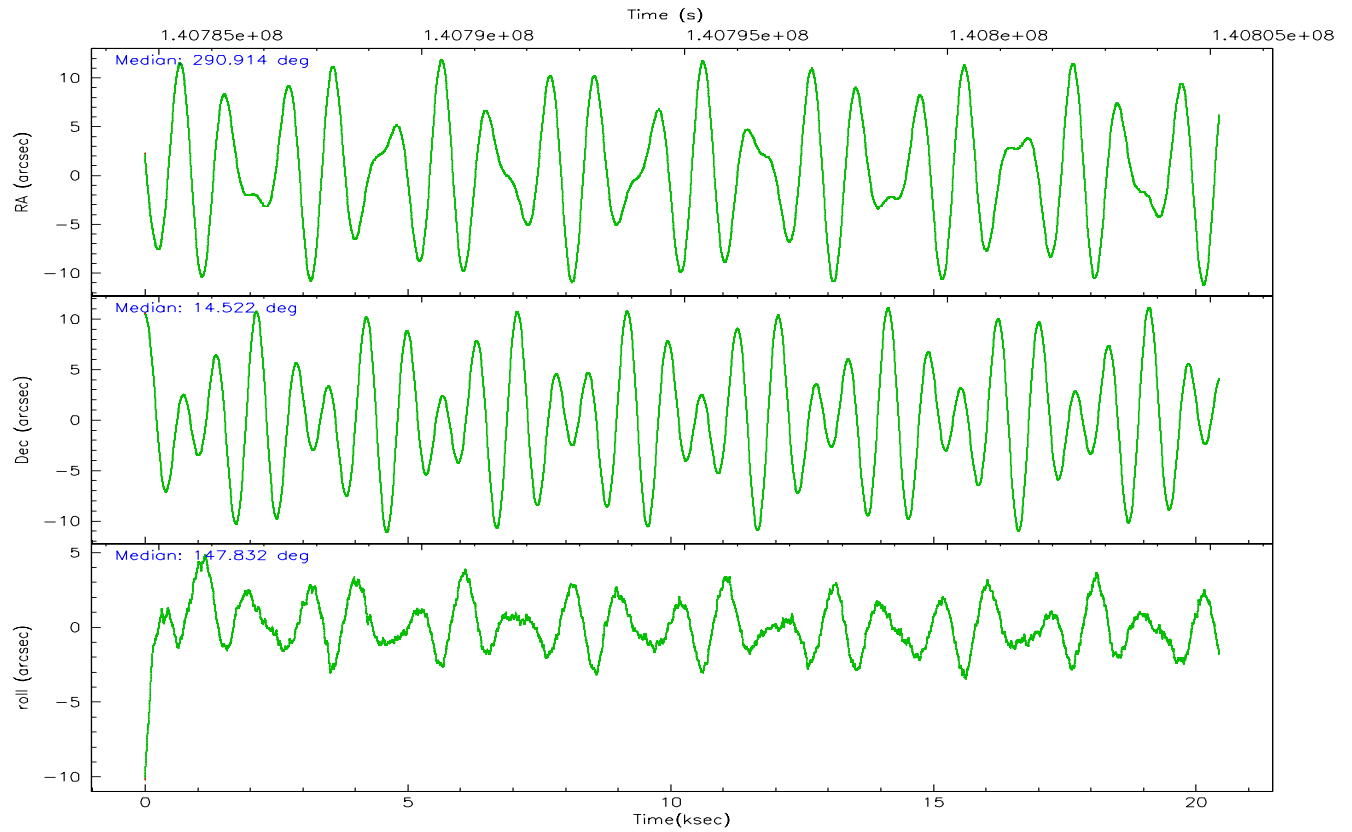
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6394	6861	6866	7296	6480	4319
	5%	5%	5%	5%	4%	2%
grade 1 events	56	61	78	63	70	94
	0%	0%	0%	0%	0%	0%
grade 2 events	3285	3271	3226	3121	3240	16306
	2%	2%	2%	2%	2%	9%
grade 3 events	1460	1639	1444	1488	1479	3687
	1%	1%	1%	1%	1%	2%
grade 4 events	1398	1606	1364	1401	1436	3513
	1%	1%	1%	1%	1%	2%
grade 5 events	4722	5039	4473	5090	5716	11269
	4%	4%	3%	4%	4%	6%
grade 6 events	2574	3021	2594	2673	3047	37652
	2%	2%	2%	2%	2%	22%
grade 7 events	93572	93821	107746	104118	110911	90017
	82%	81%	84%	83%	83%	53%

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	290.942199	290.9138806967837	Subarray requested	NONE	NONE
Pointing Dec	14.521210	14.52216937989257	Alternating exposures requested	N	N
Pointing Roll	147.620592	147.8363861446513	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	140785675.184000	140784337.81453			
Observation start date	2002-06-18T11:06:51	2002-06-18T10:45:37			
Observation end time	140805175.184000	140805997.60292			
Observation end date	2002-06-18T16:31:51	2002-06-18T16:46:37			
Read mode	TIMED	TIMED			

2.3 Aspect



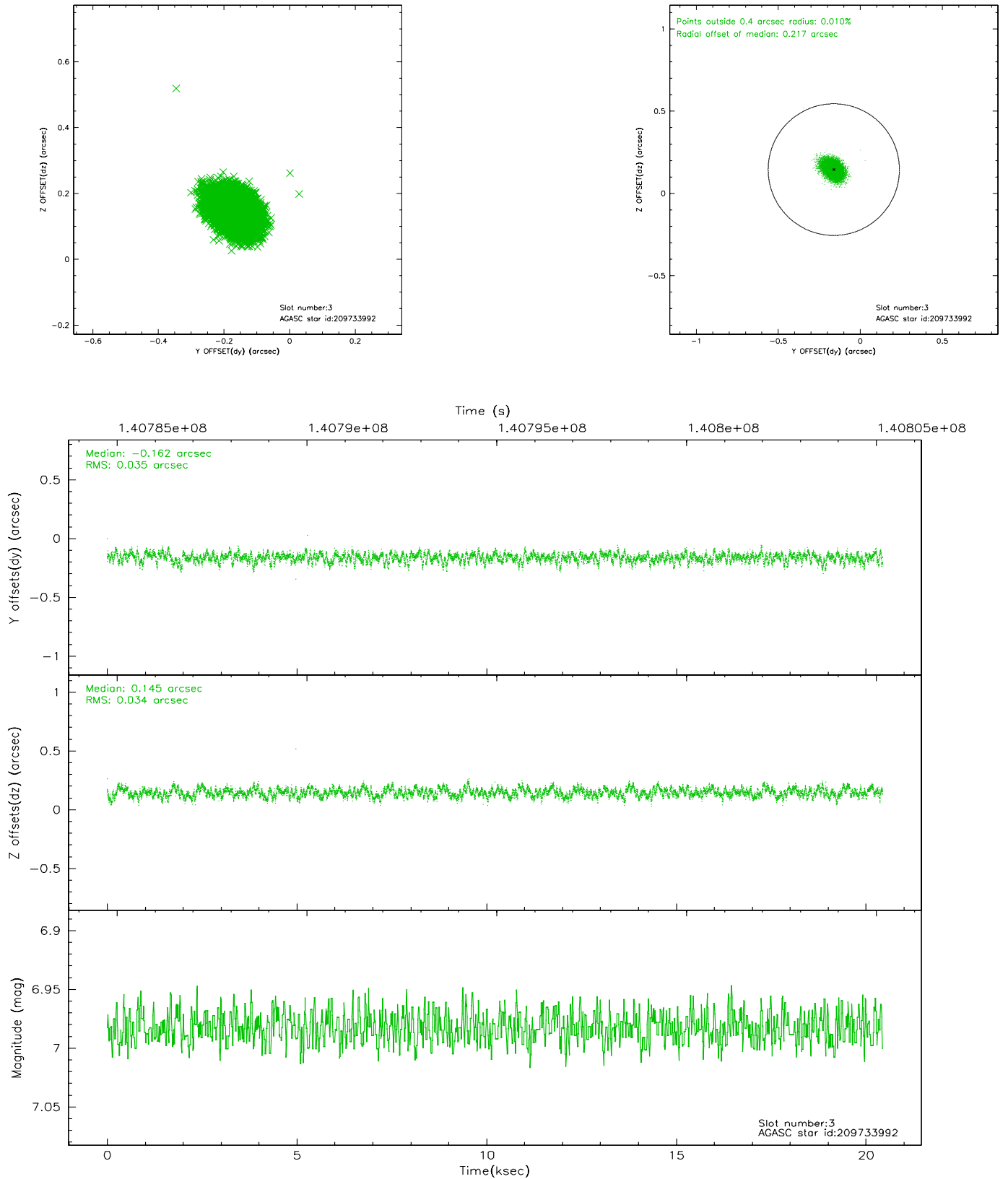


Slot Statistics

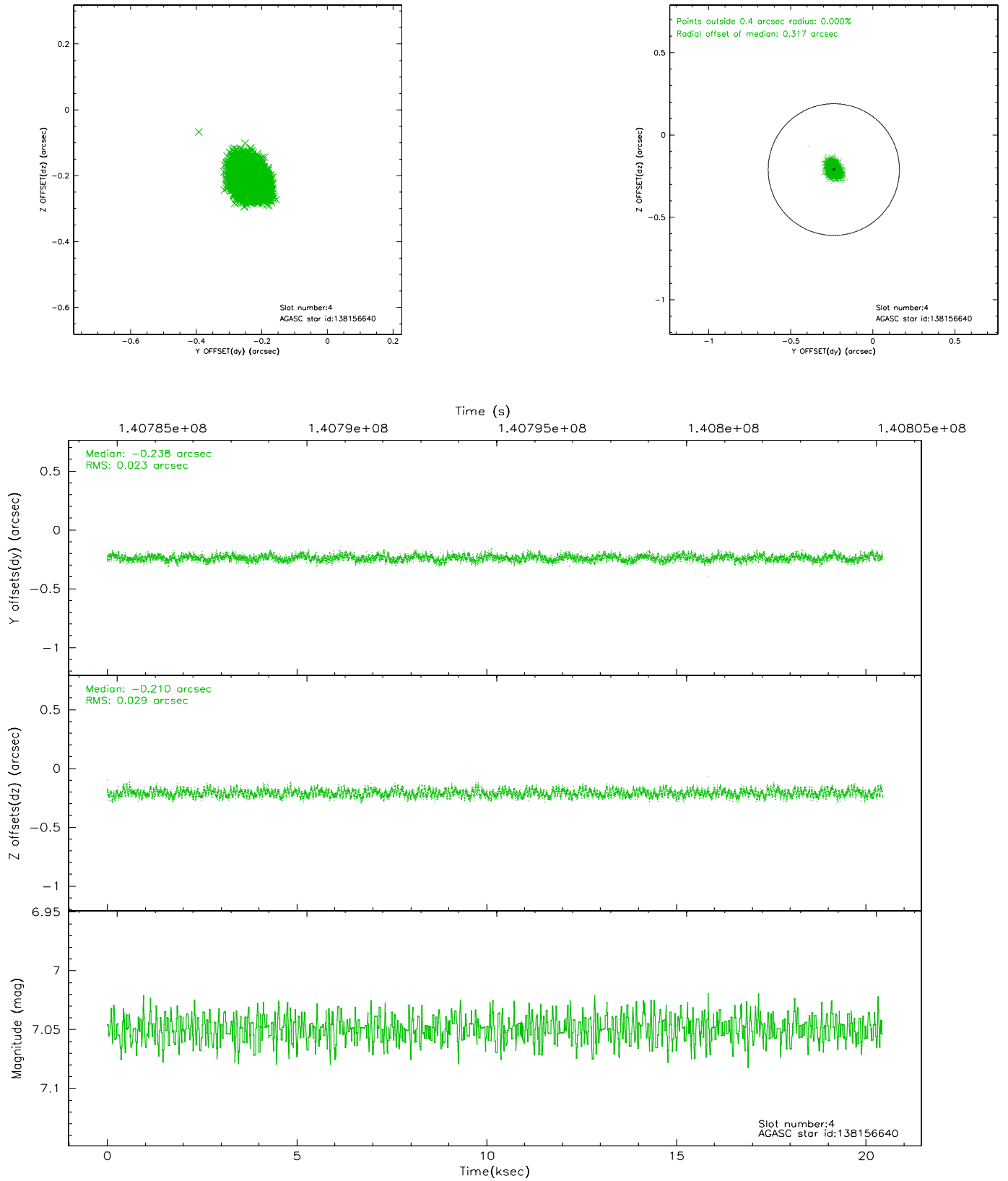
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	4987	-0.029	0.046	0.006	0.010	0.000000	0.000000	937.82	-830.04
1	FID	ACIS-I-5	7.24	4987	-0.014	0.037	0.006	0.010	0.000000	0.000000	-1810.12	1067.42
2	FID	ACIS-I-6	7.26	4987	-0.049	-0.013	0.007	0.011	0.000000	0.000000	403.21	1712.02
3	GUIDE	209733992	6.98	9973	-0.162	0.145	0.052	0.085	290.625330	15.058643	1967.15	-1044.47
4	GUIDE	138156640	7.05	9973	-0.238	-0.210	0.040	0.063	290.170188	14.419089	2079.03	1747.98
5	GUIDE	139860136	8.51	9972	0.199	-0.011	0.056	0.092	291.441042	14.451940	-1600.35	-722.24
6	GUIDE	139857944	8.30	9966	0.116	0.196	0.051	0.083	291.837429	14.751125	-2185.07	-2373.35
7	GUIDE	138155168	8.92	9970	0.086	-0.120	0.068	0.111	290.760195	14.144507	-189.37	1484.92

2.4 Star Slots

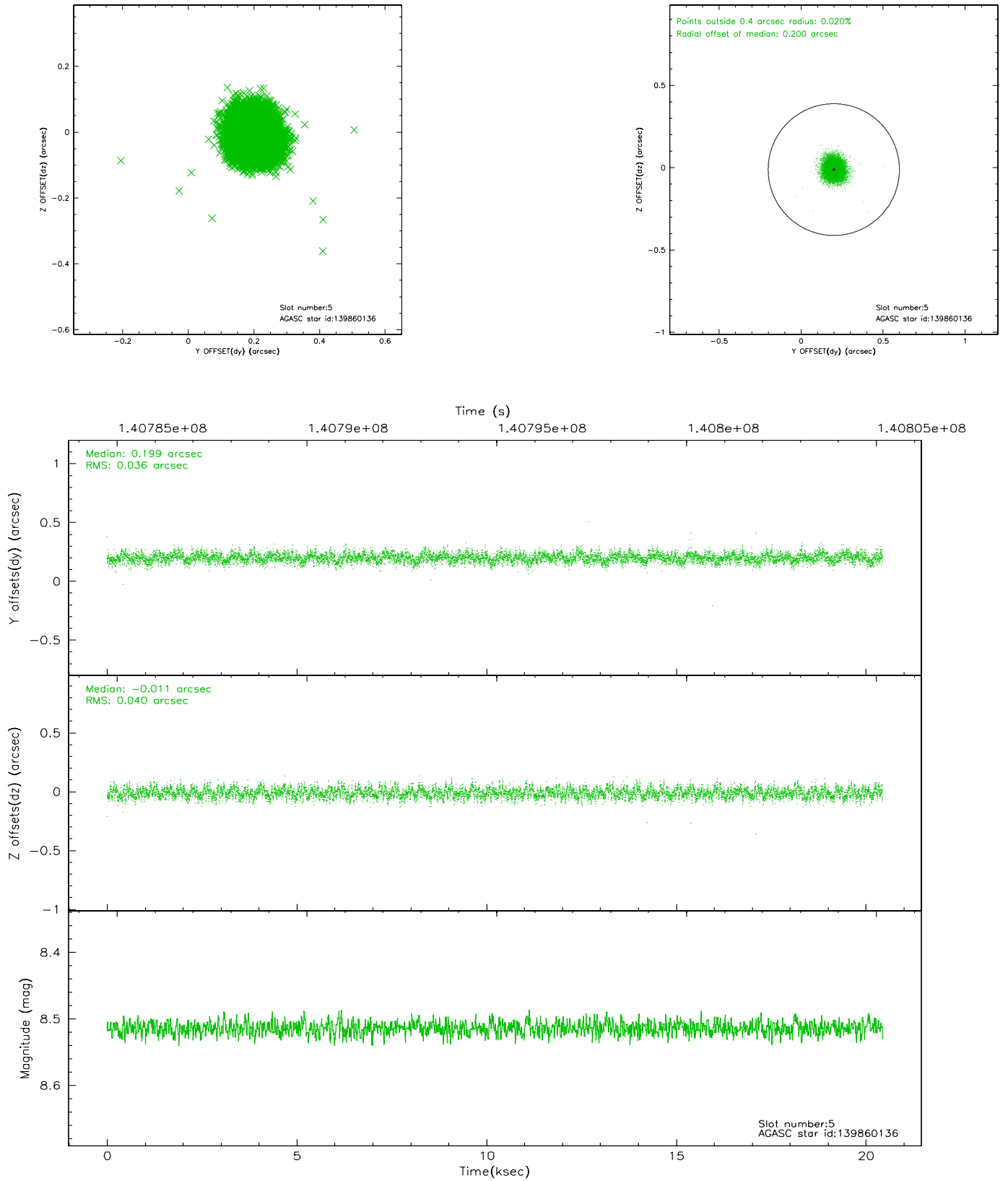
2.4.1 Slot 3



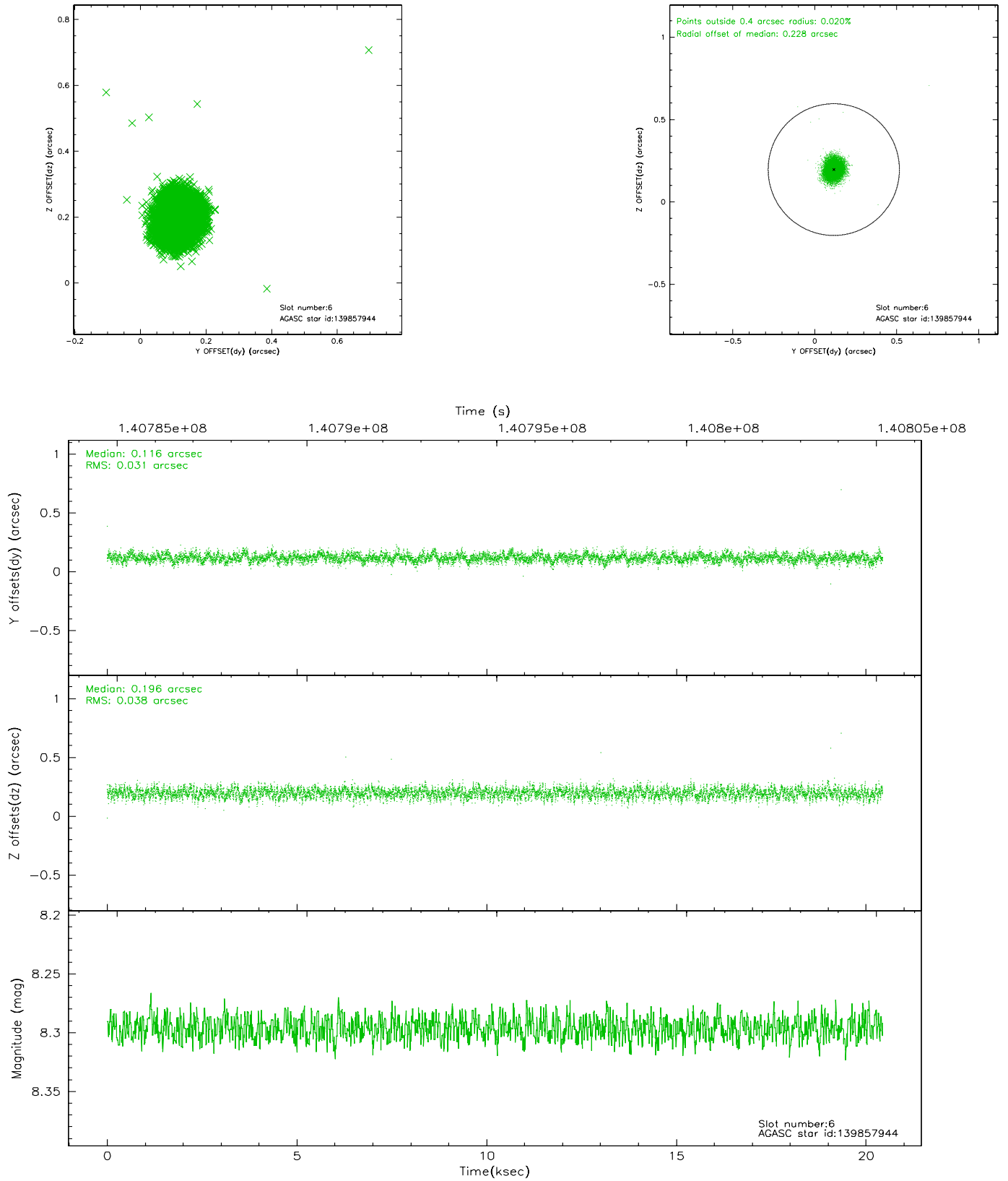
2.4.2 Slot 4



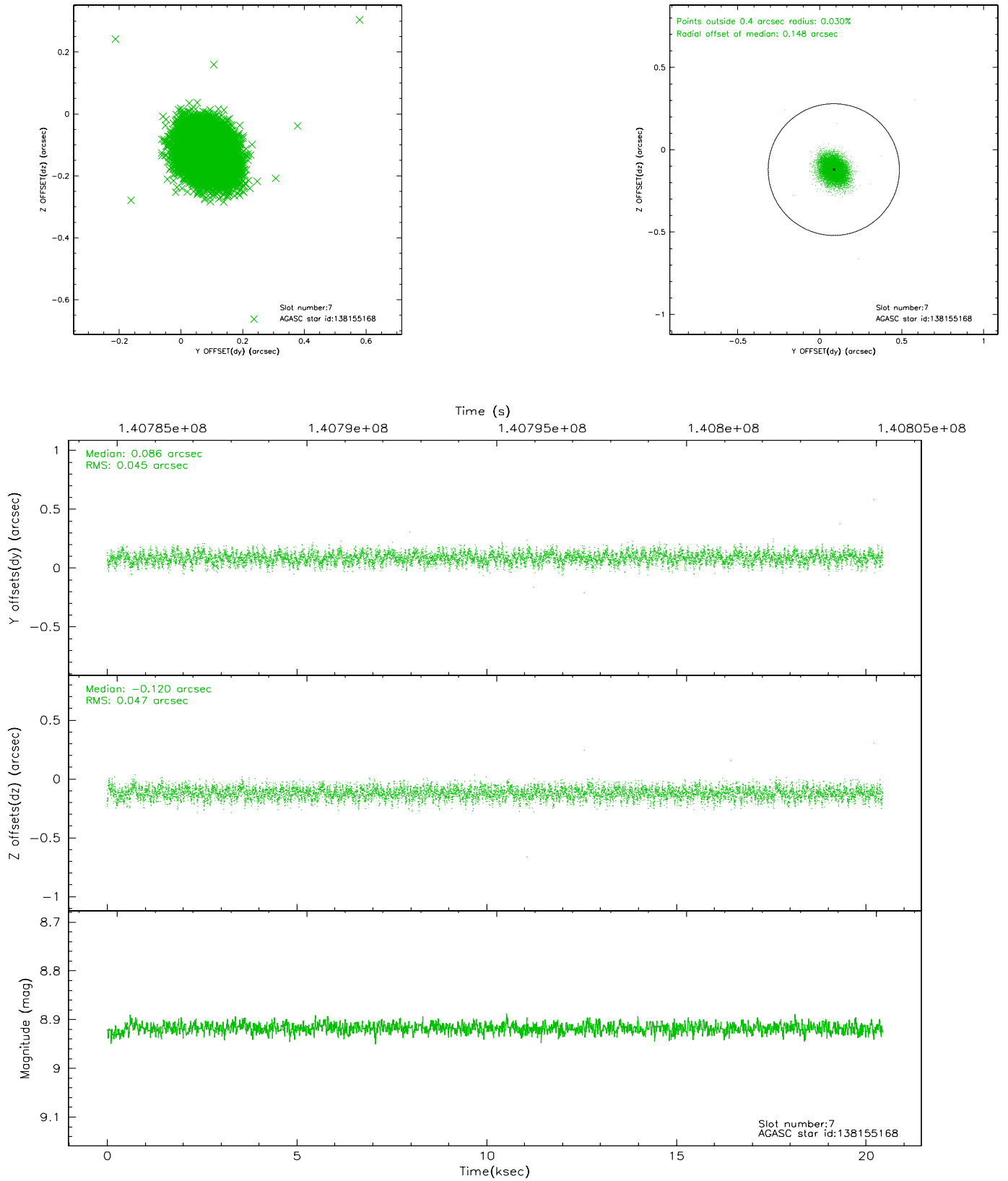
2.4.3 Slot 5



2.4.4 Slot 6

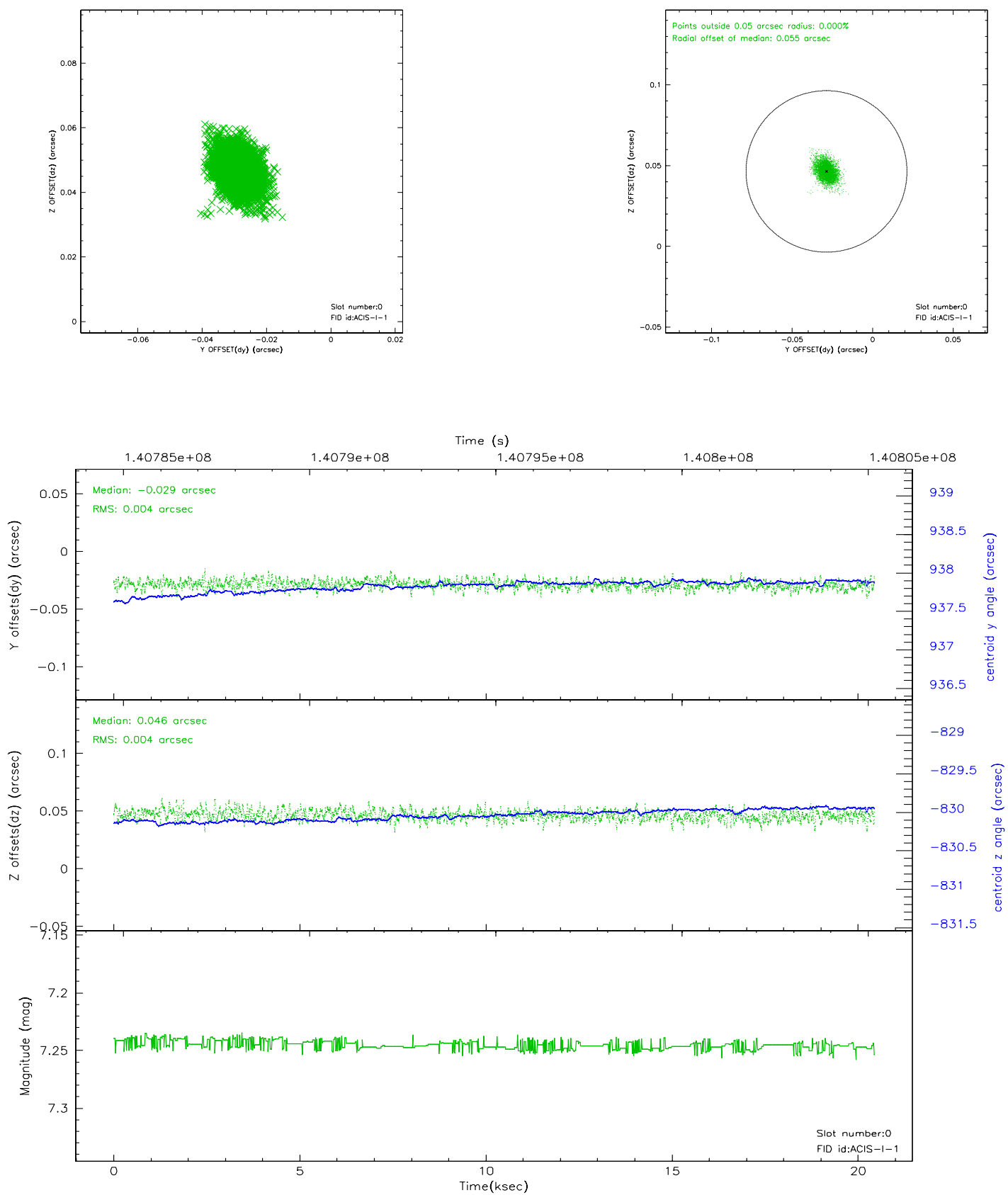


2.4.5 Slot 7

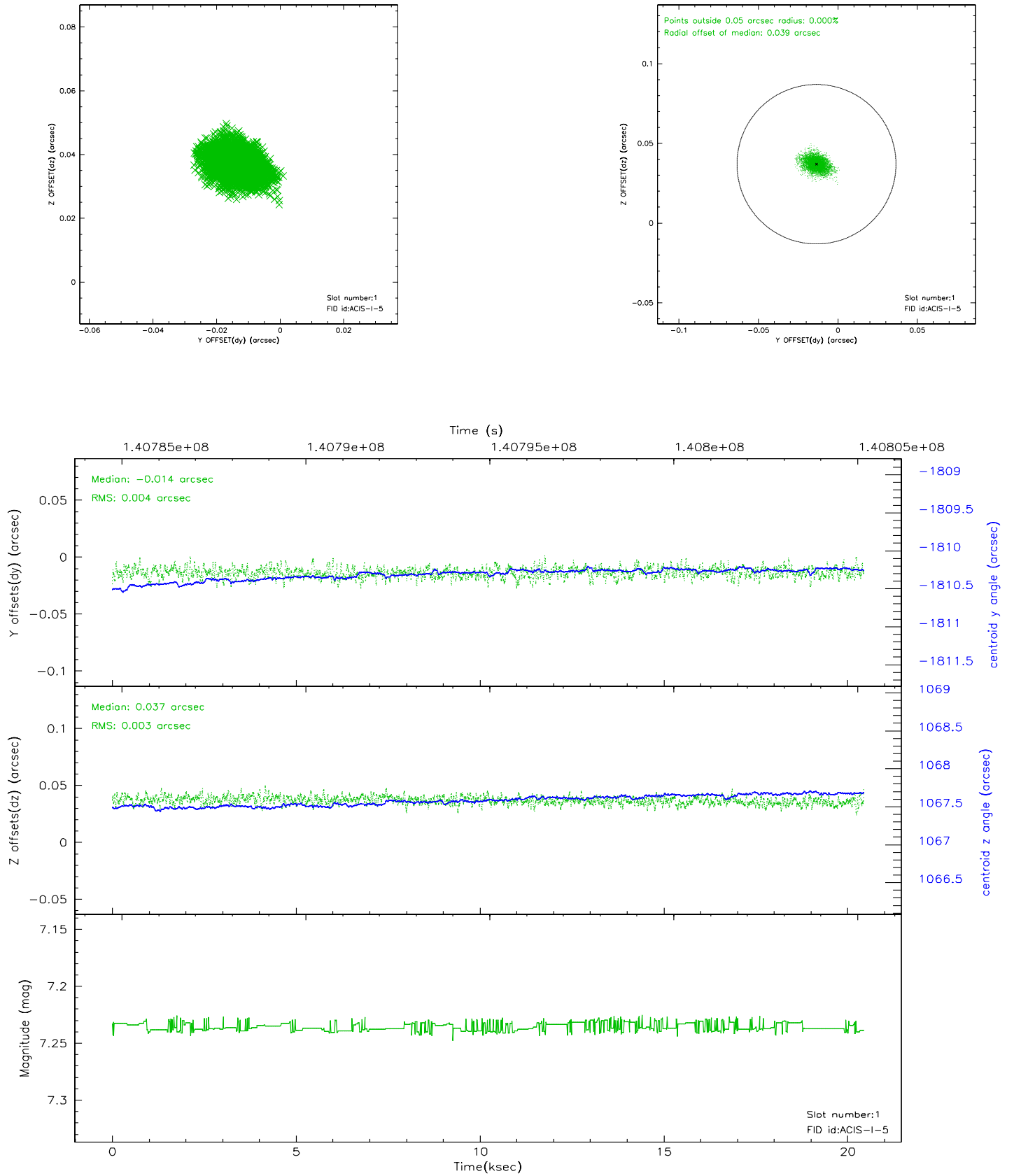


2.5 FID Slots

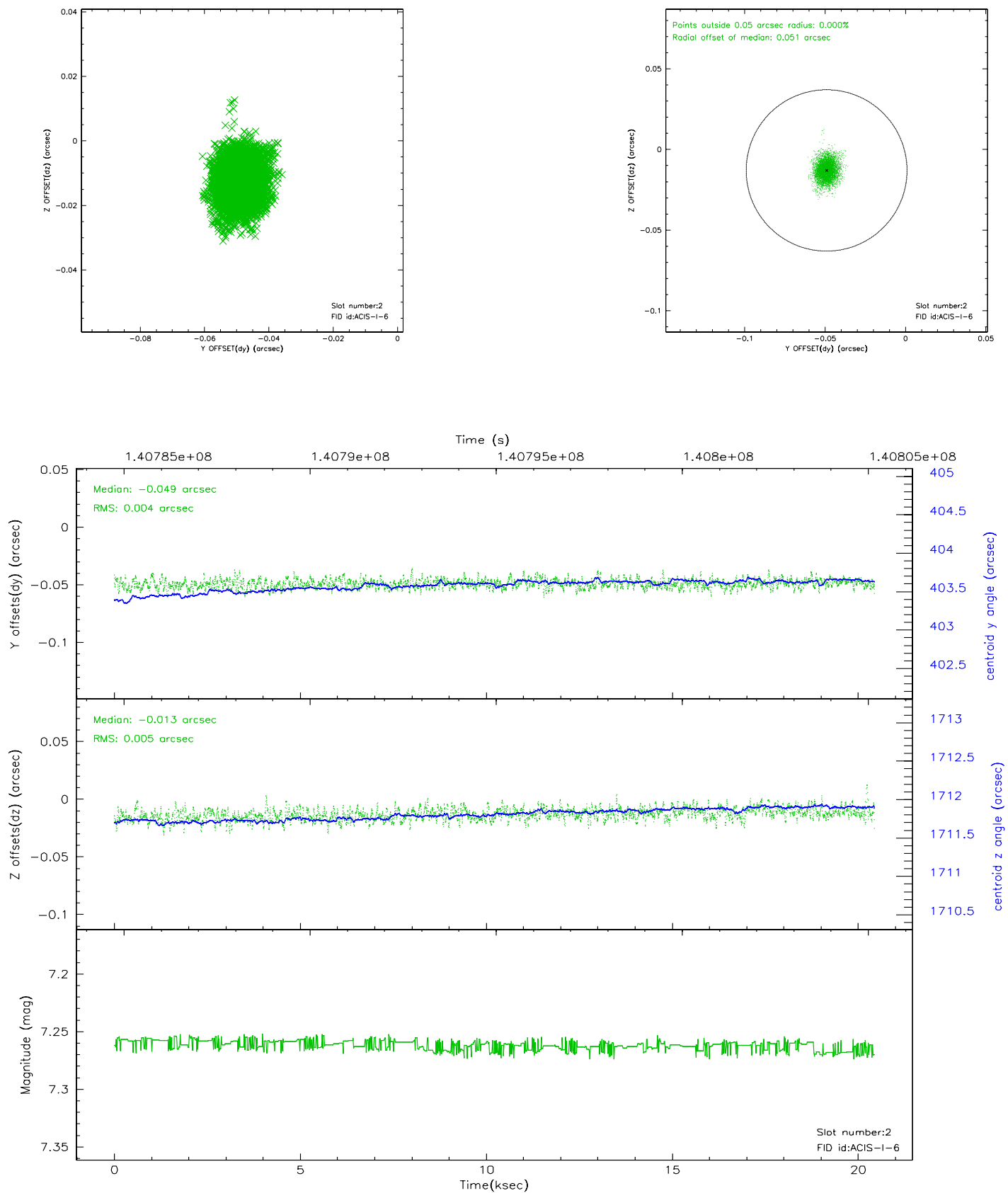
2.5.1 Slot 0



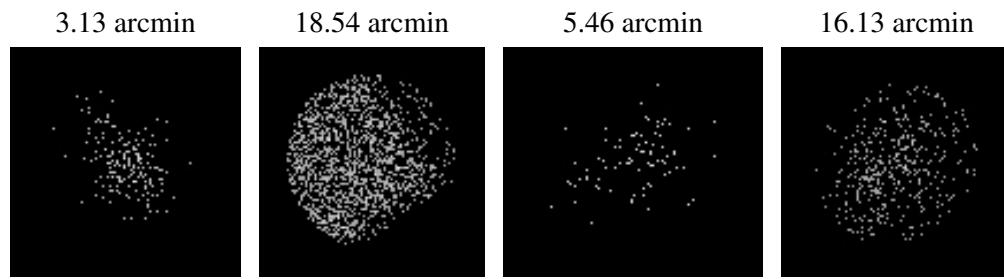
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.465

A.2 Comments