

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2790 - L2 Version 001
Chandra X-Ray Center

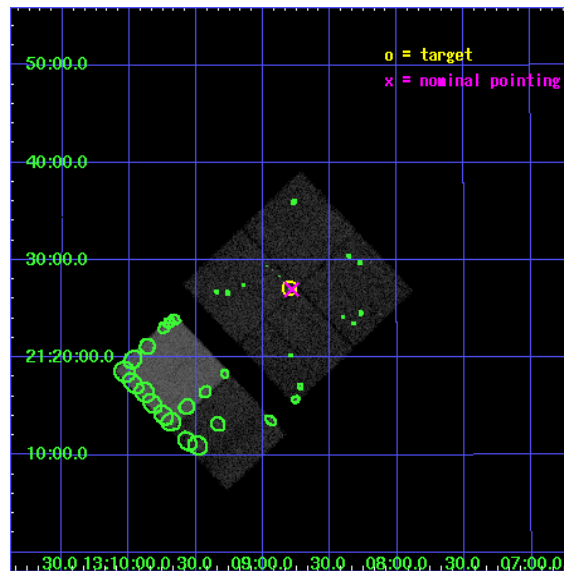
L2 Processing Date : Sep 16 2006

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1 Front

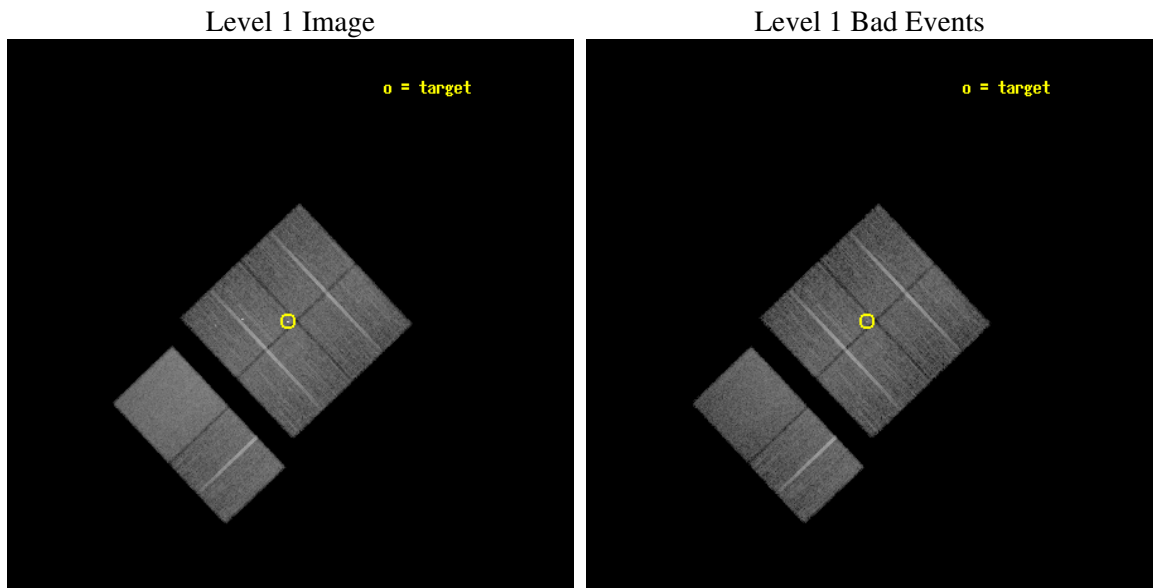
seq_num	500240
obs_id	2790
title	ASTROMETRIC STUDY OF ISOLATED NEUTRON STARS
observer	Dr Christian Motch
object	RX J1308+2127
dtcycle	0
cycle	P
ra_targ	197.200833
dec_targ	21.452083
ra_nom	197.19623747023
dec_nom	21.450216575675
roll_nom	226.57269310194
revision	2
ontime	19465.599927485
livetime	19219.114780426
ontime0	19462.358957231
ontime1	19465.599927485
ontime2	19462.358957231
ontime3	19465.599927485
ontime6	19465.599927485
ontime7	19465.599927485
l2events	120457



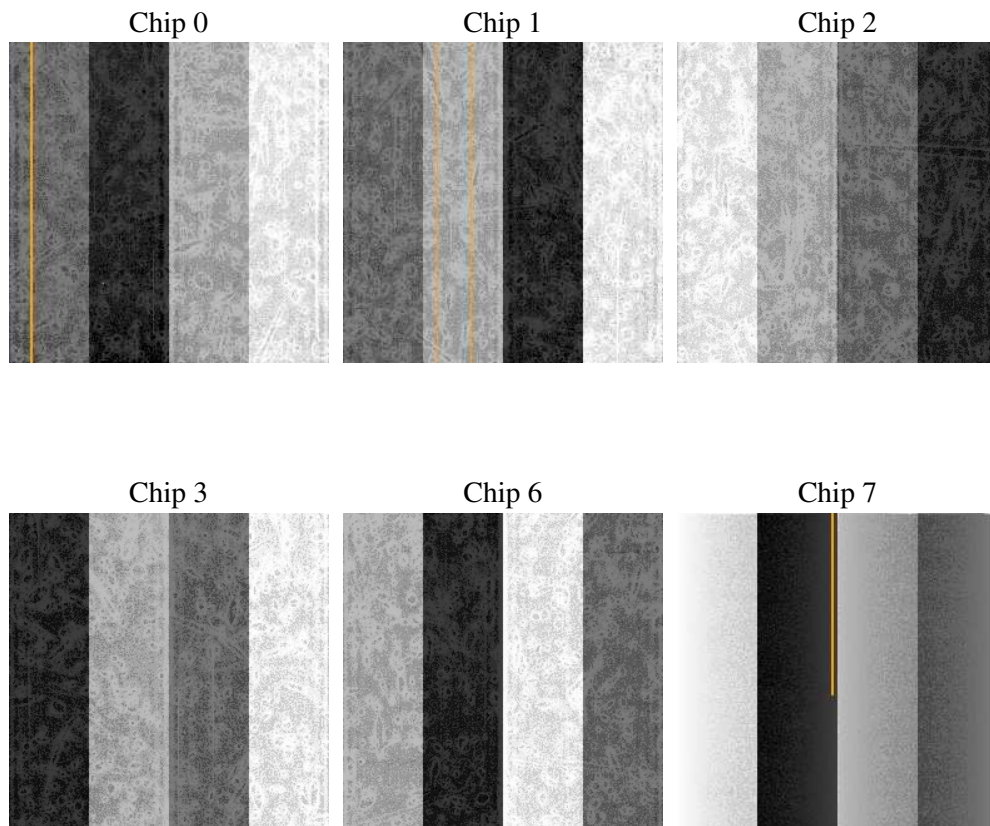
2 OBI

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	2006-09-16T18:06:48
revision	2

sched_exp_time	19500.000000
ontime	19468.707264692
ontime0	19468.707314521
ontime1	19471.948254853
ontime2	19465.4662745
ontime3	19468.707264692
ontime6	19468.707244754
ontime7	19468.707264692
l1events	720067

2.1.4 Events

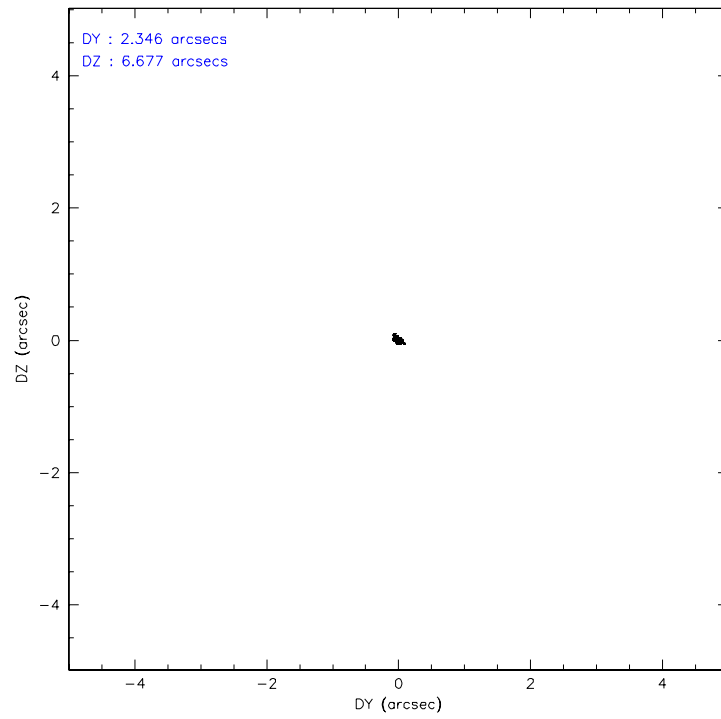
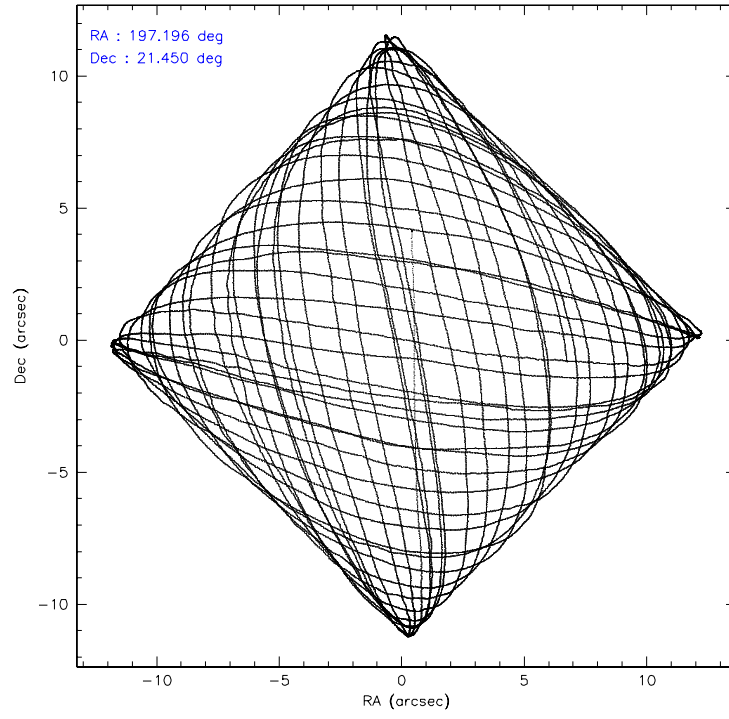
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	107867	105651	115577	119262	117894	153816
rejected events	94099	91150	102037	102149	103905	95082
rejected %	87%	86%	88%	85%	88%	61%

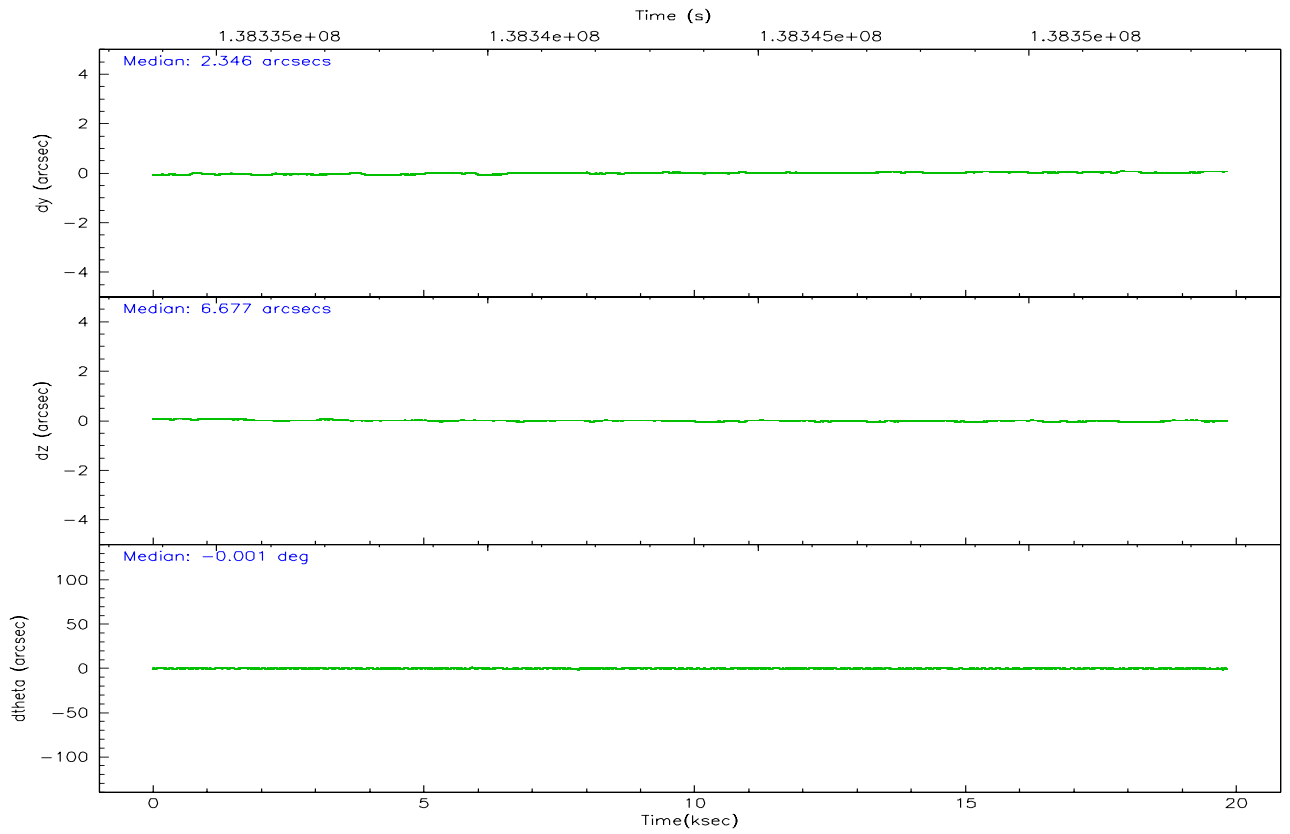
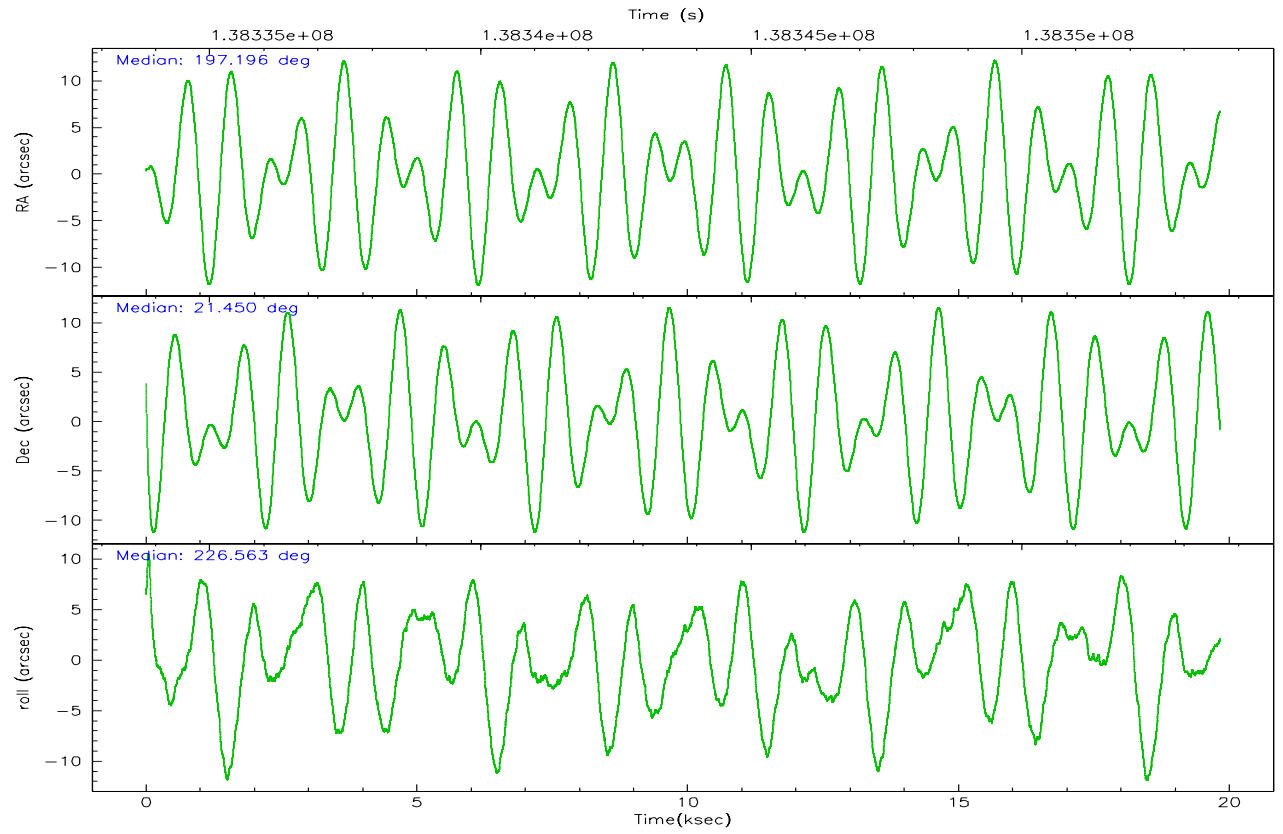
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	5752	5704	5715	8730	5632	3601
	5%	5%	4%	7%	4%	2%
grade 1 events	65	55	49	197	57	90
	0%	0%	0%	0%	0%	0%
grade 2 events	3015	3074	2999	3016	2877	14608
	2%	2%	2%	2%	2%	9%
grade 3 events	1342	1469	1243	1383	1367	3079
	1%	1%	1%	1%	1%	2%
grade 4 events	1333	1409	1238	1449	1315	3018
	1%	1%	1%	1%	1%	1%
grade 5 events	4352	4714	4224	4967	5189	10392
	4%	4%	3%	4%	4%	6%
grade 6 events	2330	2847	2350	2539	2798	34431
	2%	2%	2%	2%	2%	22%
grade 7 events	89678	86379	97759	96981	98659	84597
	83%	81%	84%	81%	83%	54%

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	197.202980	197.1962374702263	Subarray requested	NONE	NONE
Pointing Dec	21.476883	21.45021657567525	Alternating exposures requested	N	N
Pointing Roll	226.361545	226.5726931019421	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	138334156.184000	138333118.37689			
Observation start date	2002-05-21T02:08:12	2002-05-21T01:51:58			
Observation end time	138353656.184000	138354380.46526			
Observation end date	2002-05-21T07:33:12	2002-05-21T07:46:20			
Read mode	TIMED	TIMED			

2.3 Aspect



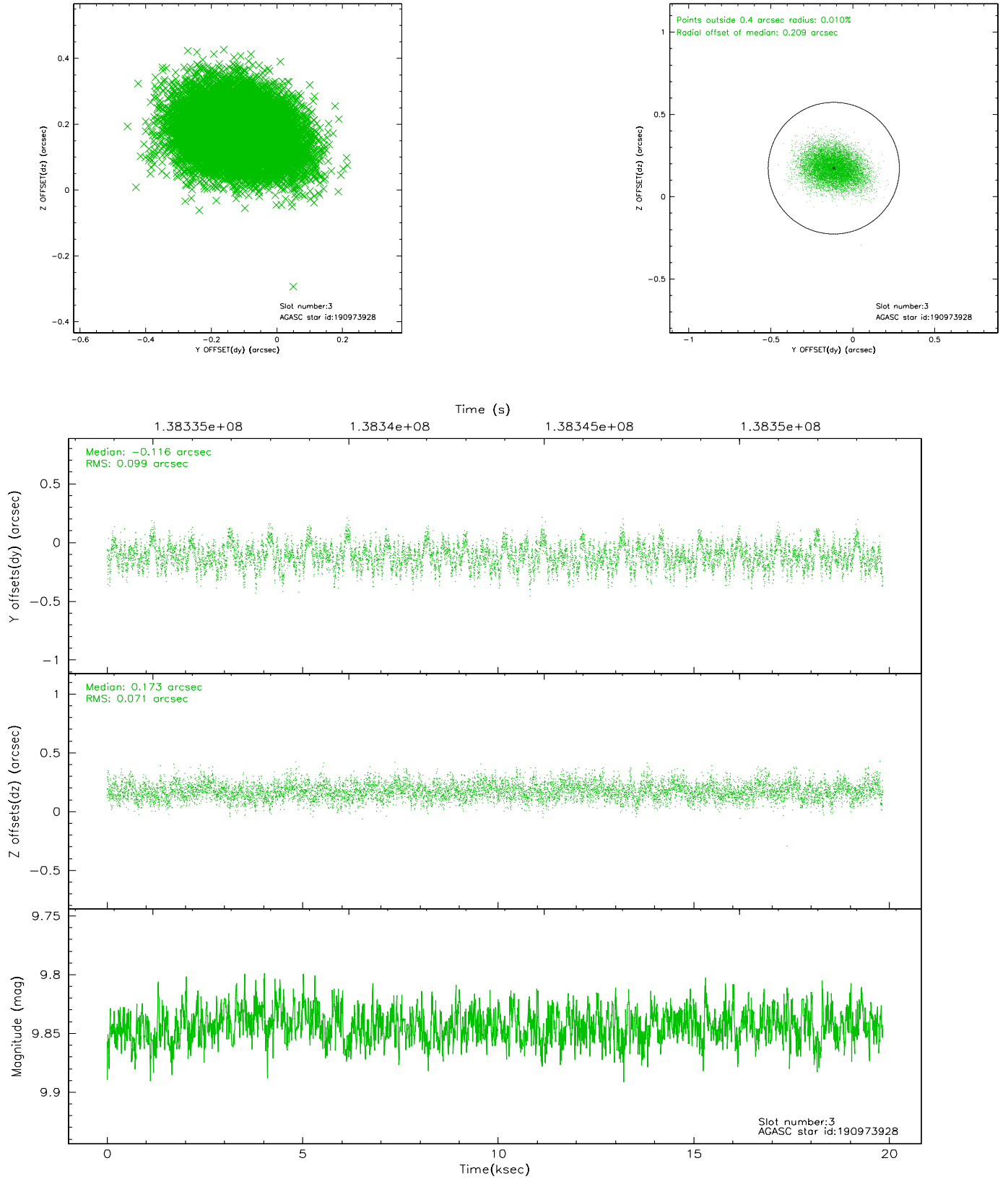


Slot Statistics

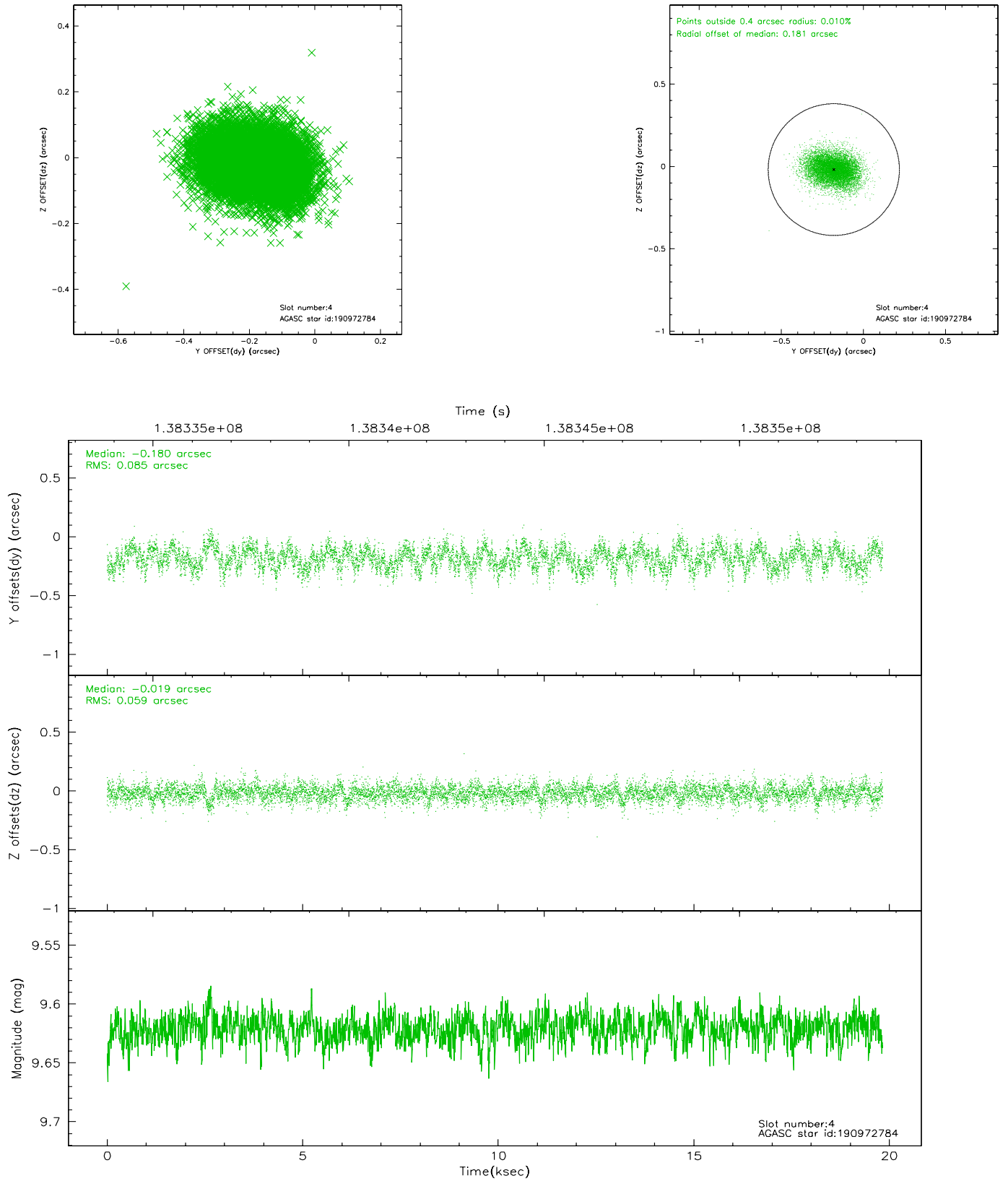
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4836	-0.025	0.040	0.006	0.010	0.000000	0.000000	937.42	-830.04
1	FID	ACIS-I-5	7.24	4834	-0.017	0.039	0.006	0.010	0.000000	0.000000	-1810.53	1067.41
2	FID	ACIS-I-6	7.26	4835	-0.049	-0.008	0.007	0.011	0.000000	0.000000	402.79	1712.04
3	GUIDE	190973928	9.84	9668	-0.116	0.173	0.130	0.208	197.904188	21.564389	-1852.30	1478.57
4	GUIDE	190972784	9.62	9672	-0.180	-0.019	0.111	0.178	197.351360	22.226147	-2293.79	-1503.04
5	GUIDE	190847304	10.17	9542	0.091	-0.075	0.145	0.248	196.395854	21.619494	1487.69	-2313.22
6	GUIDE	190847464	8.84	9673	0.209	-0.104	0.098	0.164	196.264668	21.493955	2118.52	-2322.83
7	GUIDE	190841696	8.40	9670	-0.006	0.024	0.064	0.103	197.285441	21.456102	-136.45	252.13

2.4 Star Slots

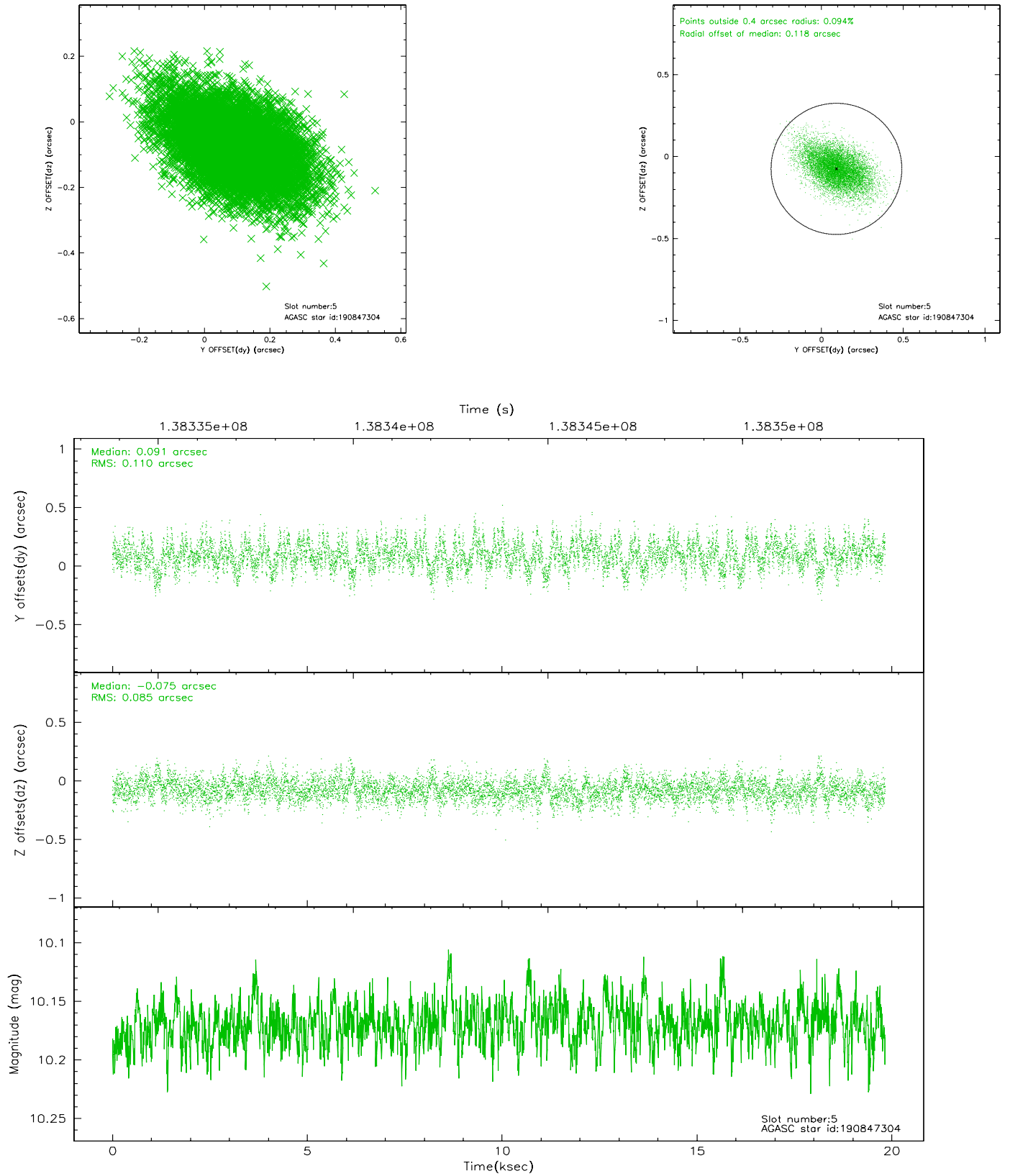
2.4.1 Slot 3



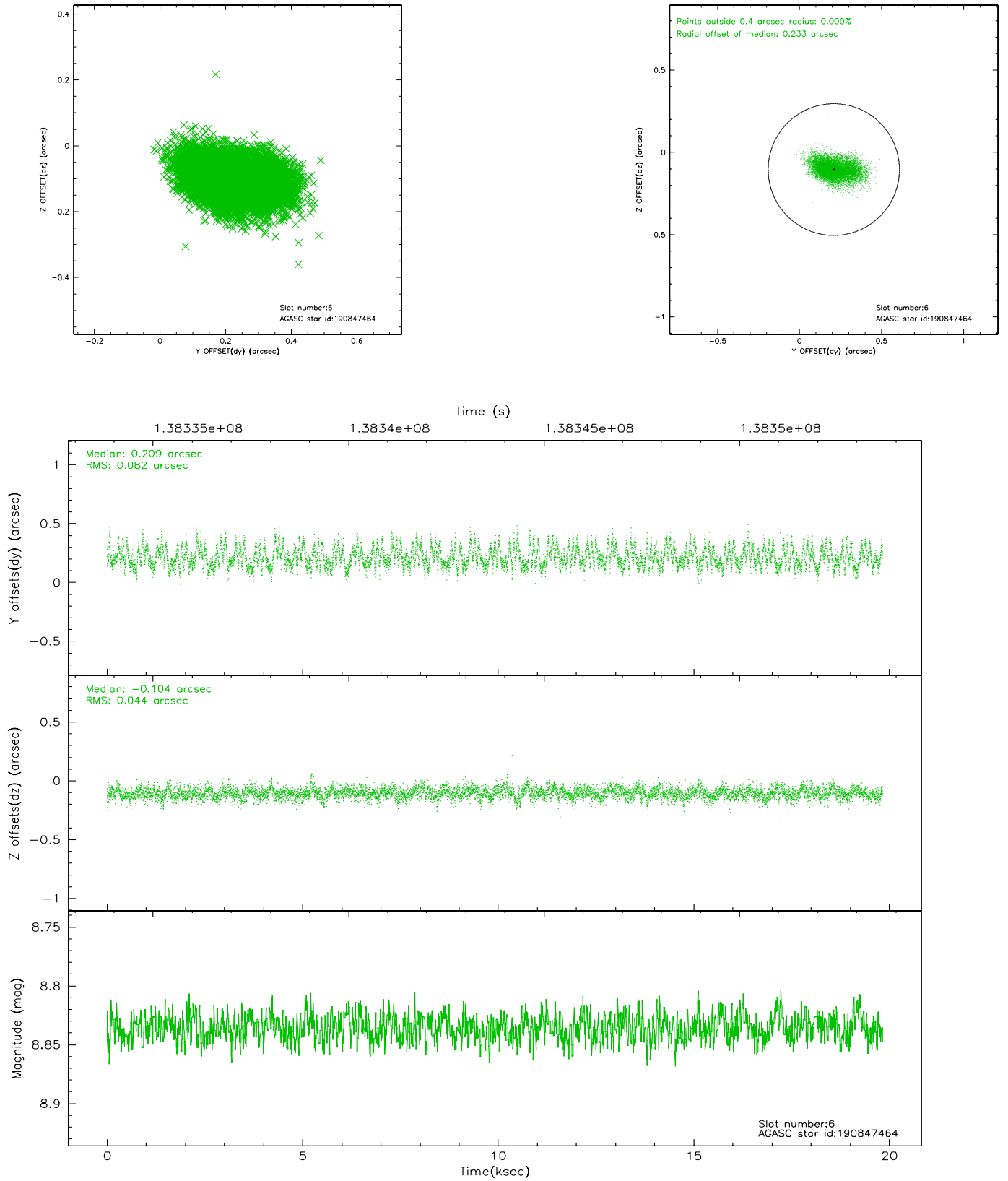
2.4.2 Slot 4



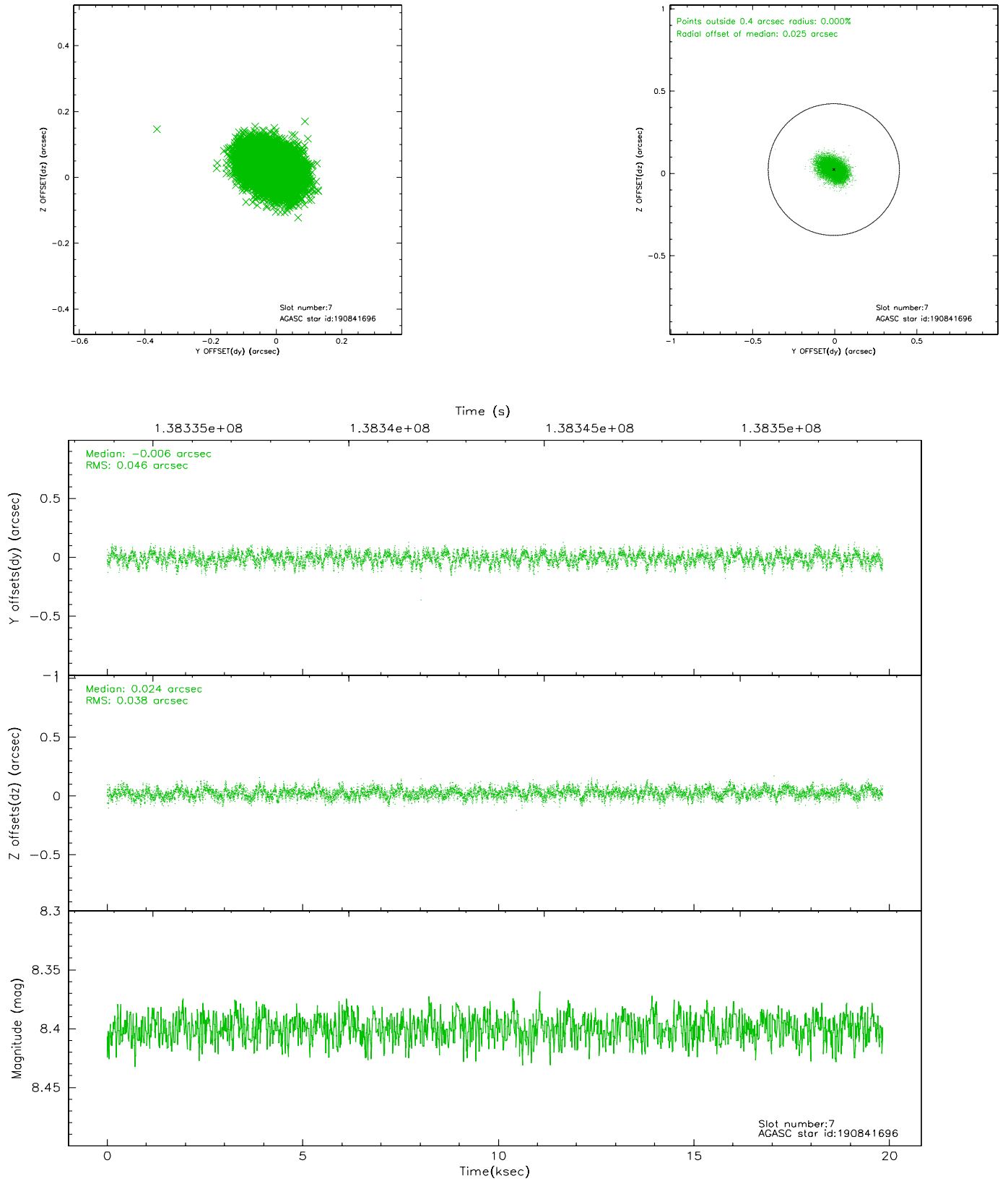
2.4.3 Slot 5



2.4.4 Slot 6

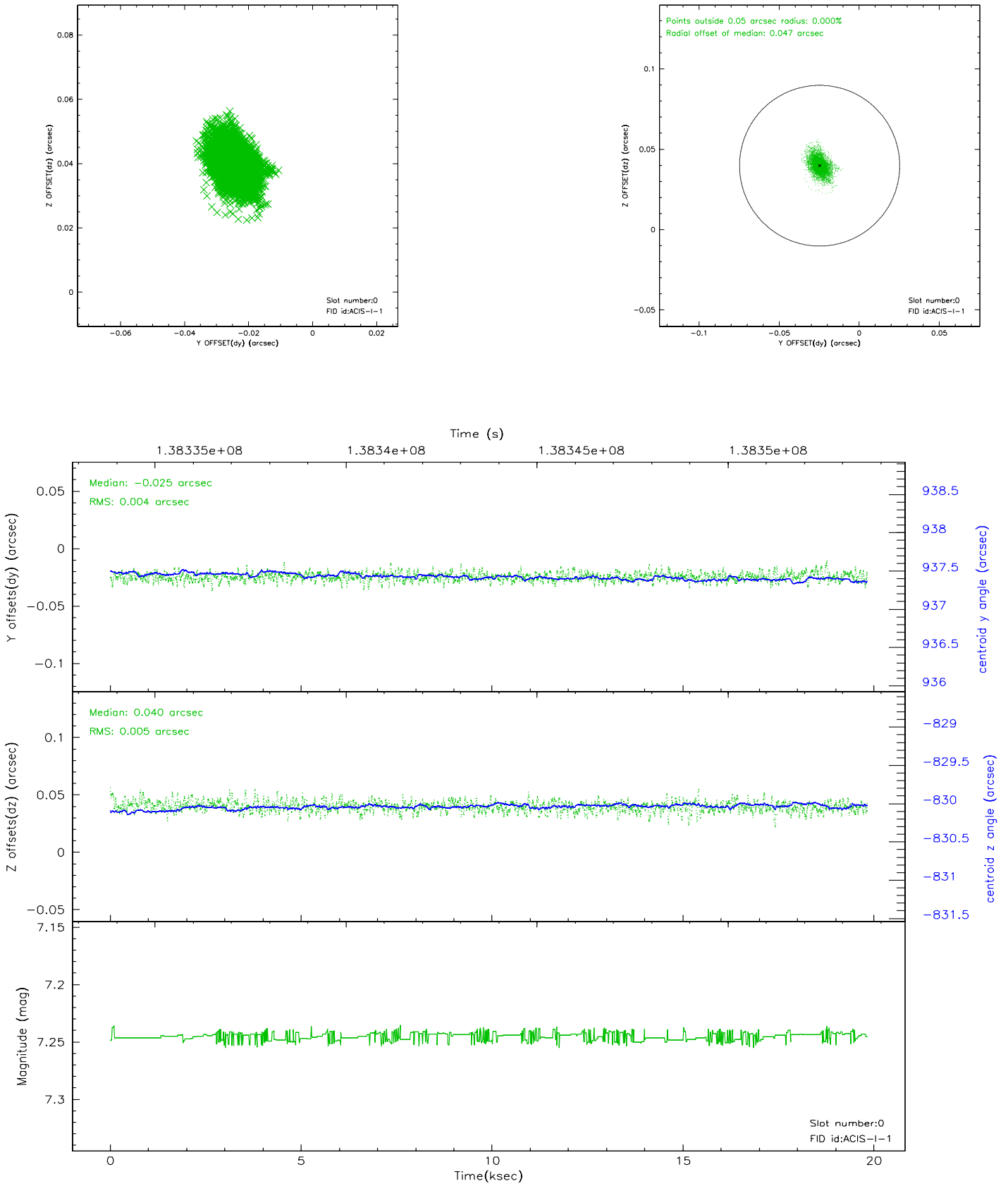


2.4.5 Slot 7

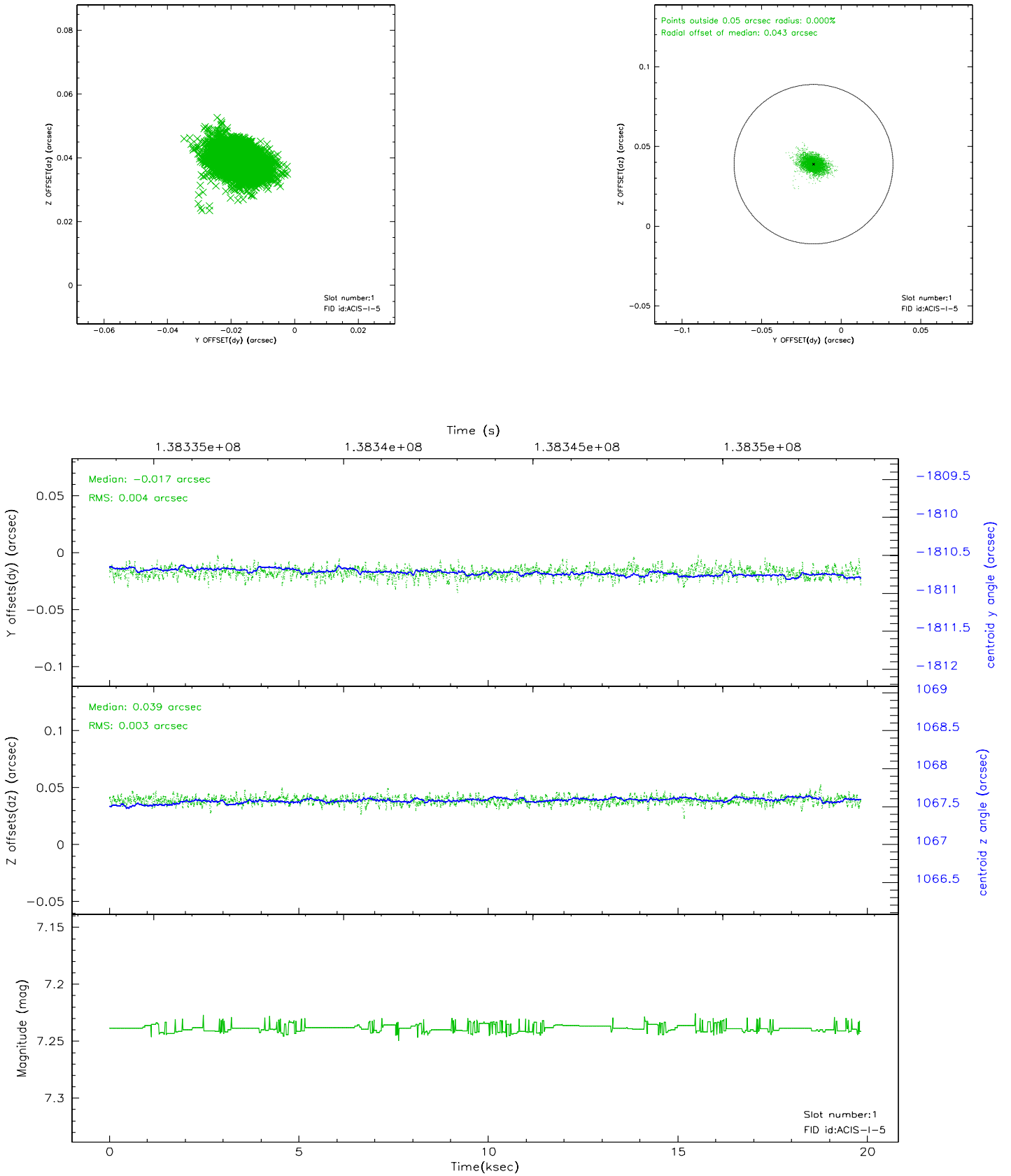


2.5 FID Slots

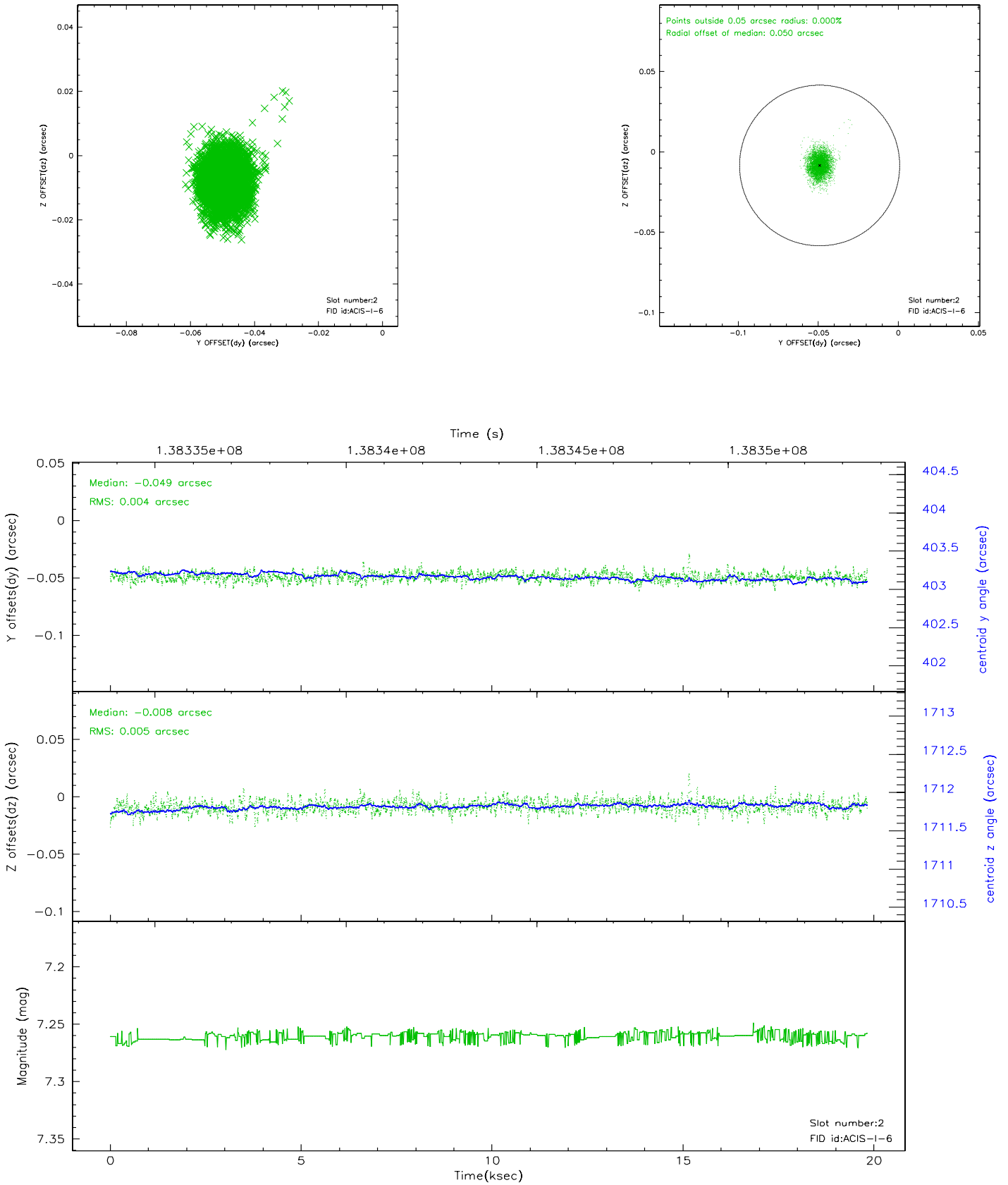
2.5.1 Slot 0



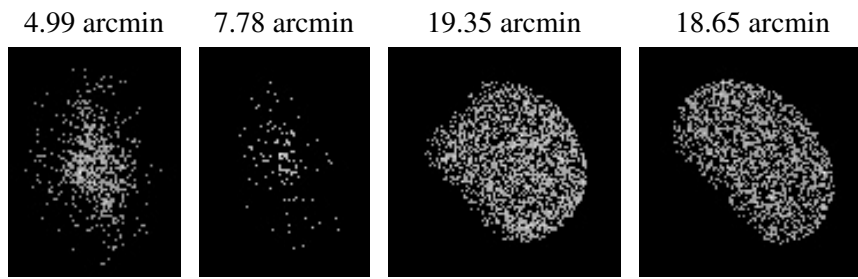
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.459

A.2 Comments