

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6050 - L2 Version 002
Chandra X-Ray Center

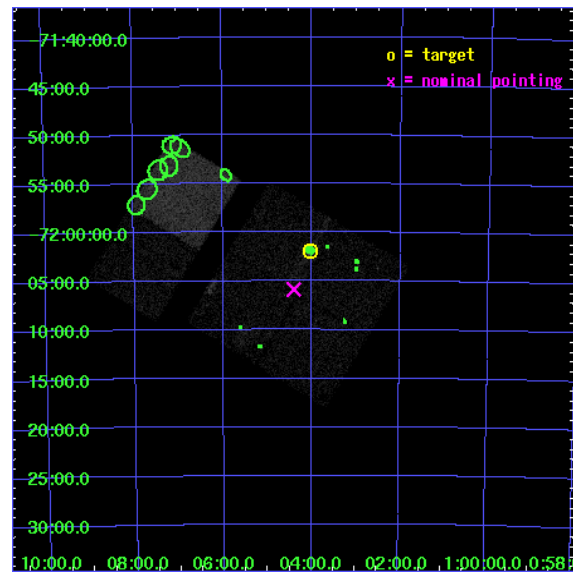
L2 Processing Date : Apr 8 2006

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1 Front

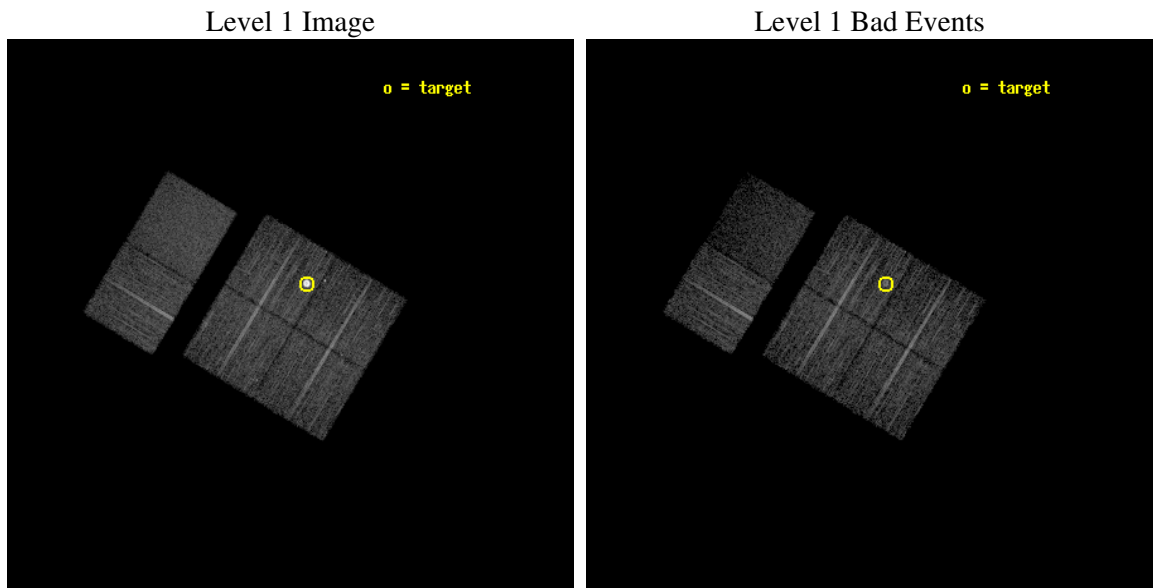
seq_num	590377
obs_id	6050
title	AO6A ACIS-I Calibration Observations of E0102-72
observer	Dr. CXC Calibration
object	E0102-72[I3,-120,-4,0.5,0]
dtcycle	0
cycle	P
ra_targ	16.01
dec_targ	-72.032028
ra_nom	16.099963262871
dec_nom	-72.098026253166
roll_nom	301.13203320344
revision	2
ontime	7254.3999729753
livetime	7162.5403924422
ontime0	7254.3999729753
ontime1	7251.1589827538
ontime2	7251.1590225995
ontime3	7254.3999729753
ontime6	7254.3999729753
ontime7	7251.1590026915
l2events	60975



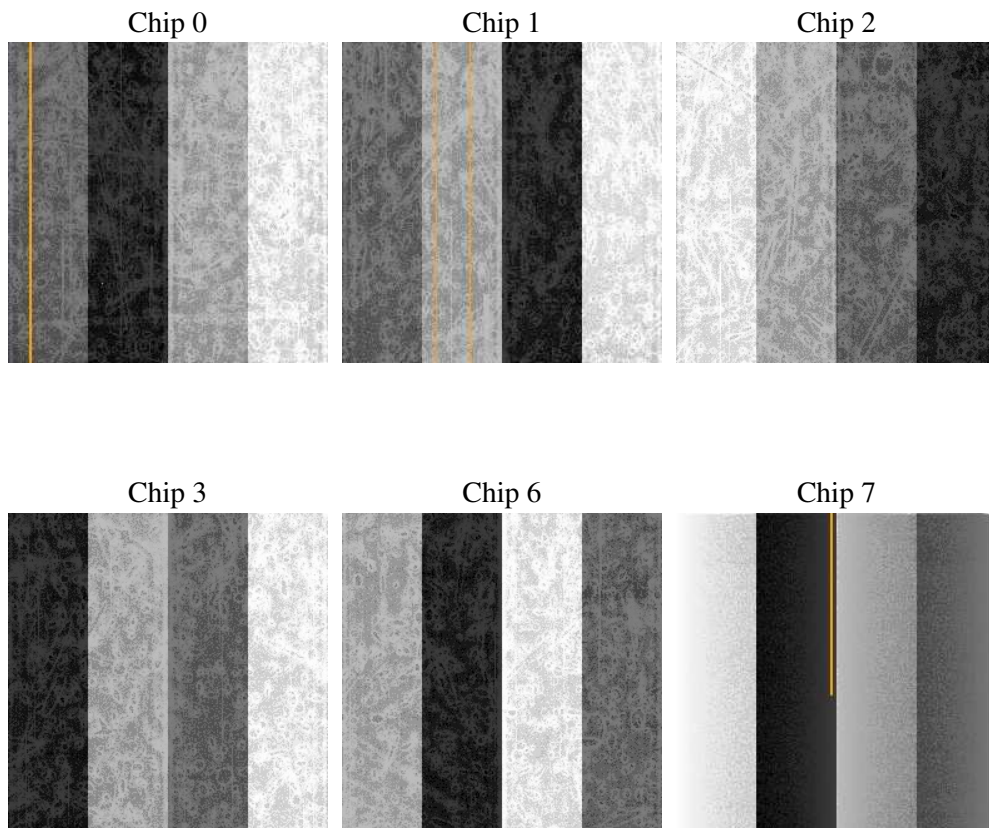
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-08T19:43:06
revision	2

sched_exp_time	7500.000000
ontime	7259.8441765308
ontime0	7259.8441765606
ontime1	7256.6031664014
ontime2	7256.6032261848
ontime3	7259.8441765308
ontime6	7259.8441964686
ontime7	7256.6032062471
l1events	276943

2.1.4 Events

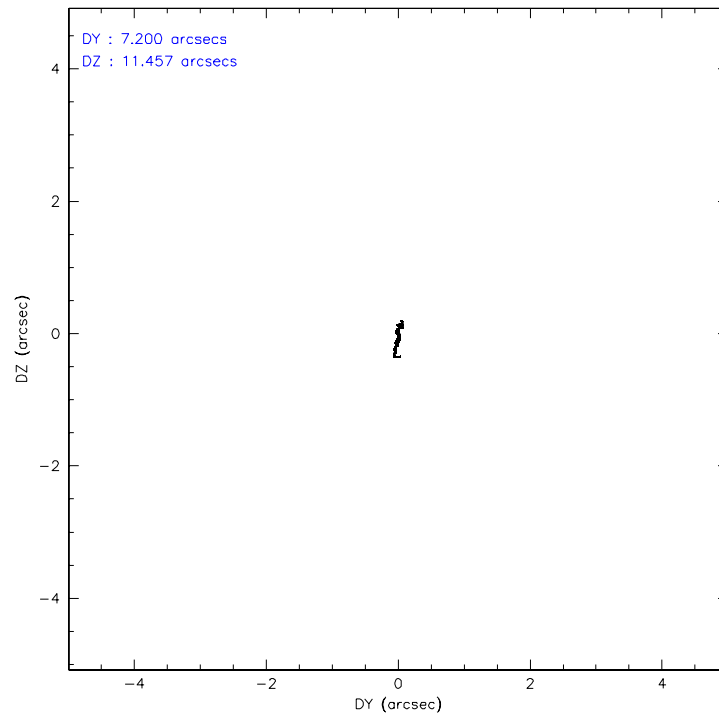
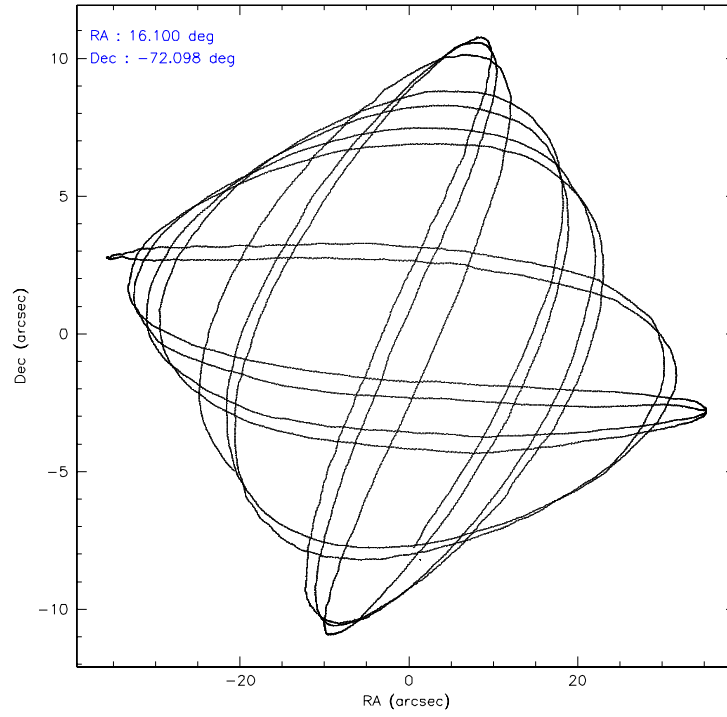
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	40744	40307	44546	65867	43787	41692
rejected events	36309	35201	39700	39421	39396	21551
rejected %	89%	87%	89%	59%	89%	51%

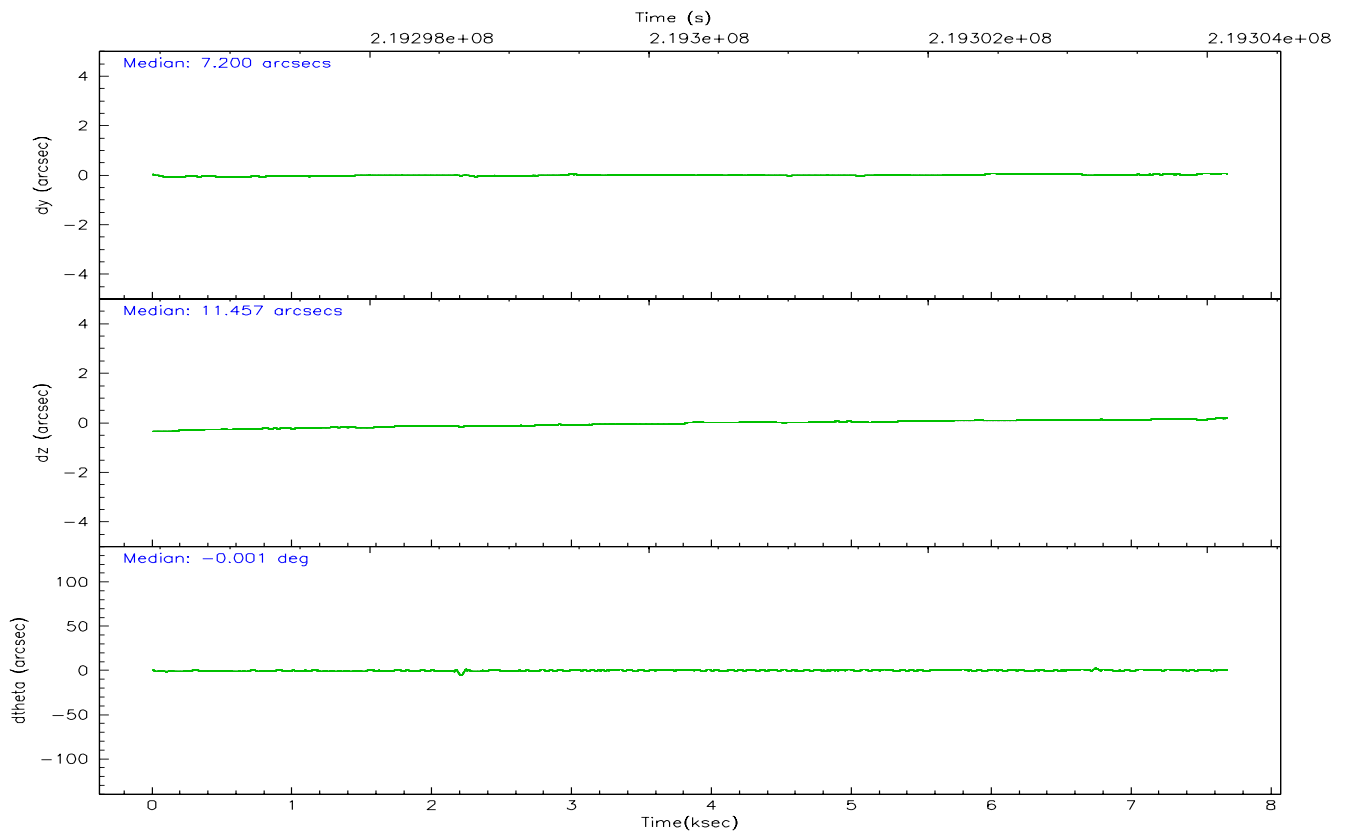
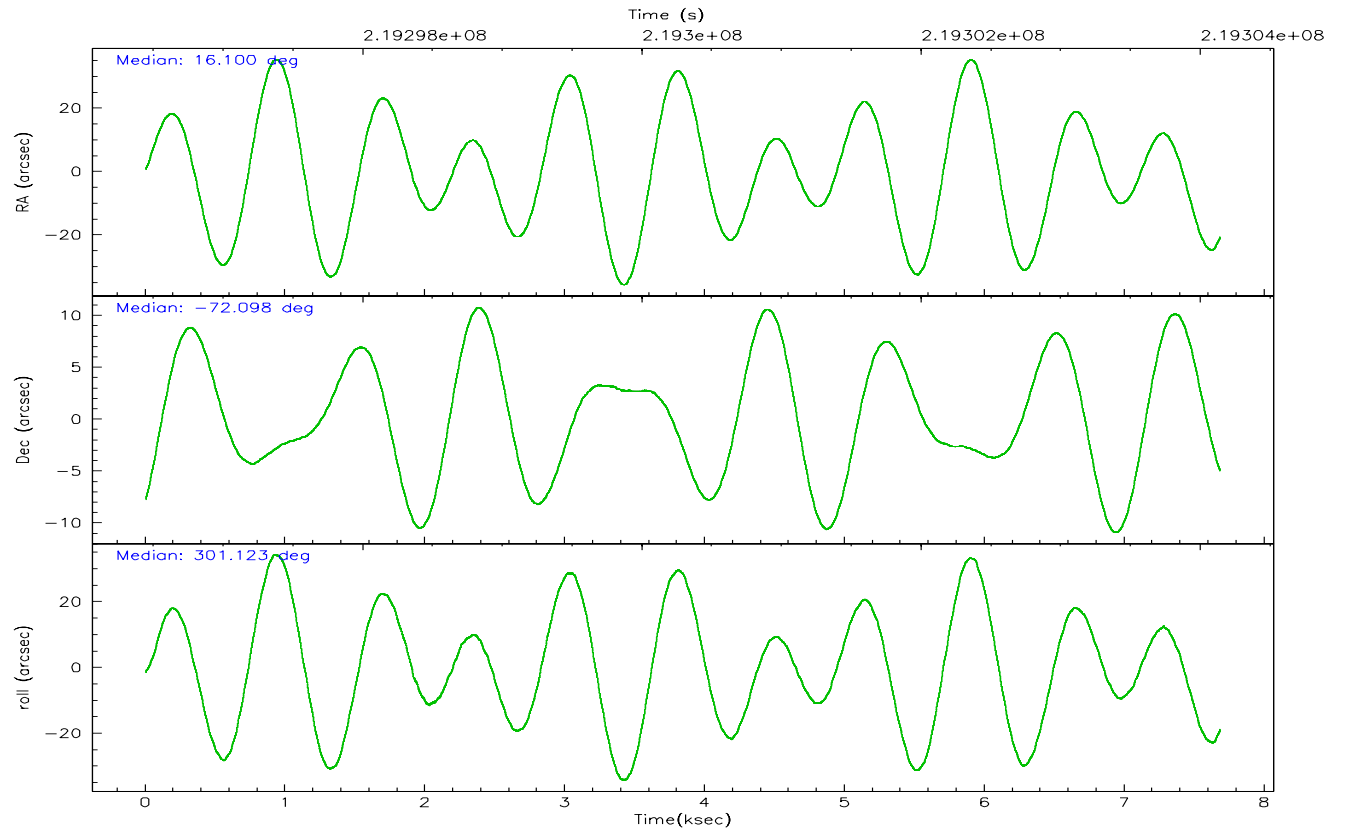
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1789	2147	2284	21412	1689	1458
	4%	5%	5%	32%	3%	3%
grade 1 events	20	23	25	236	16	24
	0%	0%	0%	0%	0%	0%
grade 2 events	982	995	959	2468	878	4965
	2%	2%	2%	3%	2%	11%
grade 3 events	457	565	443	905	532	1262
	1%	1%	0%	1%	1%	3%
grade 4 events	462	507	479	803	447	1232
	1%	1%	1%	1%	1%	2%
grade 5 events	1219	1276	1116	1462	1377	3150
	2%	3%	2%	2%	3%	7%
grade 6 events	748	893	682	869	852	11232
	1%	2%	1%	1%	1%	26%
grade 7 events	35067	33901	38558	37712	37996	18369
	86%	84%	86%	57%	86%	44%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	16.021896	16.09996326287128	Alternating exposures requested	N	N
Pointing Dec	-72.084970	-72.09802625316637	Primary exposure time	0.000000	3.2
Pointing Roll	300.849070	301.1320332034363			
Window start time	215654464.184000	215654464.184000			
Window stop time	220838464.184000	220838464.184000			
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	219296636.184000	219296259.52615			
Observation start date	2004-12-13T03:42:52	2004-12-13T03:37:39			
Observation end time	219304136.184000	219304973.56404			
Observation end date	2004-12-13T05:47:52	2004-12-13T06:02:53			
Read mode	TIMED	TIMED			

2.3 Aspect



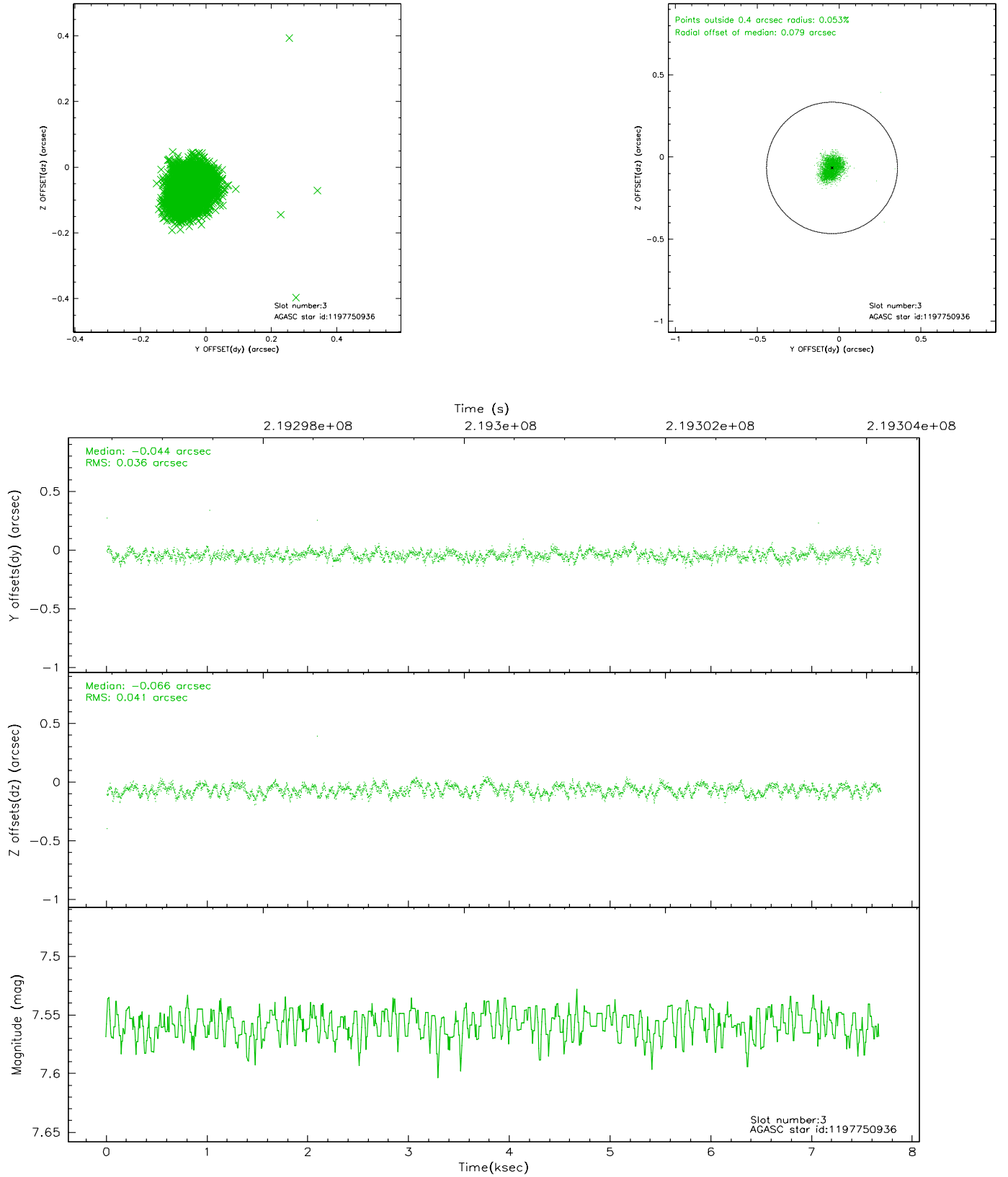


Slot Statistics

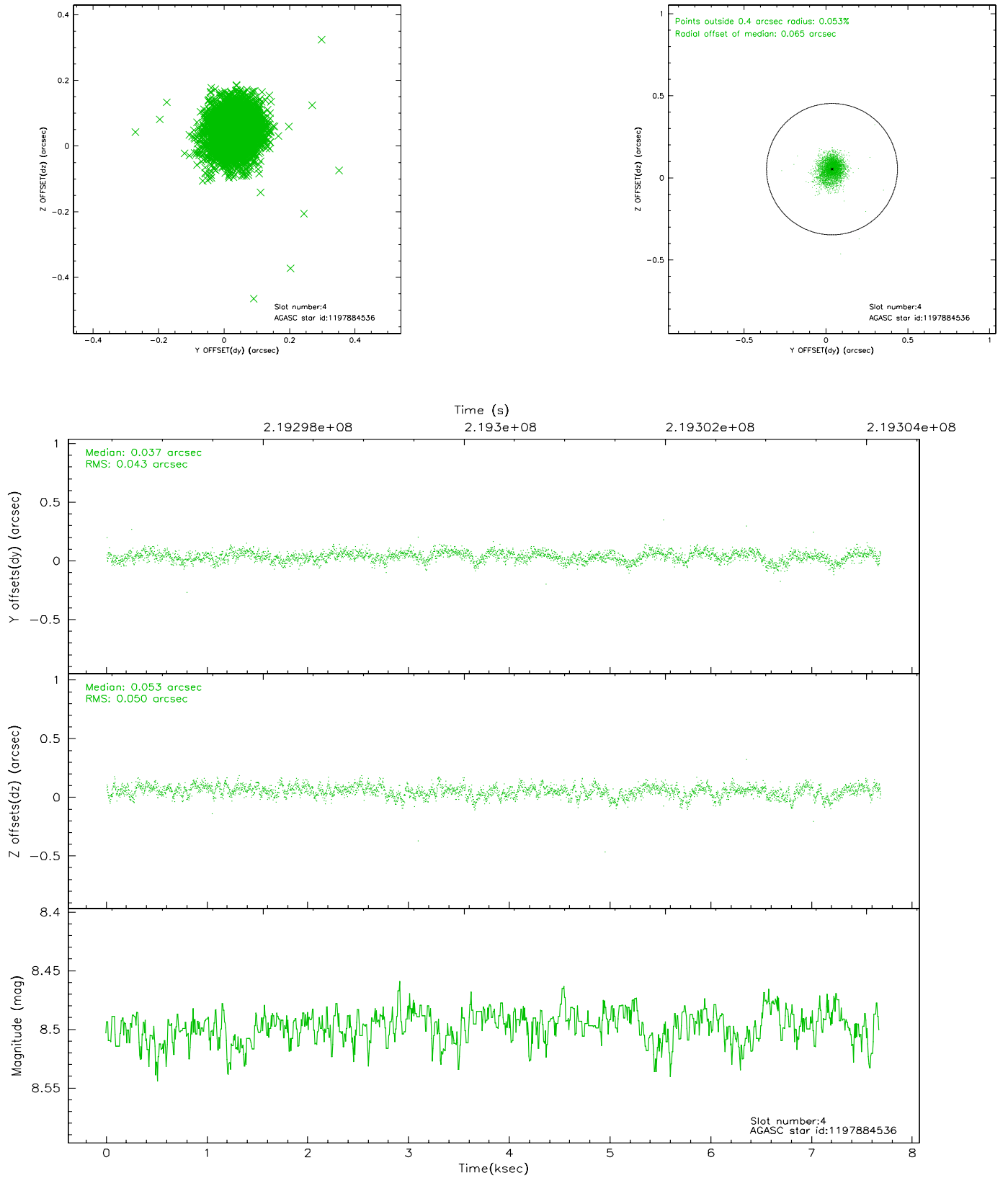
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1873	0.030	-0.005	0.007	0.011	0.000000	0.000000	932.49	-834.95
1	FID	ACIS-I-5	7.23	1873	-0.150	0.052	0.007	0.011	0.000000	0.000000	-1815.35	1062.28
2	FID	ACIS-I-6	7.25	1873	0.029	0.023	0.008	0.014	0.000000	0.000000	397.28	1707.55
3	GUIDE	1197750936	7.56	3747	-0.044	-0.066	0.058	0.089	15.387940	-71.549550	-2021.35	365.94
4	GUIDE	1197884536	8.50	3746	0.037	0.053	0.068	0.111	17.160729	-71.835289	-106.25	1552.10
5	GUIDE	1197884712	8.30	3746	0.090	0.059	0.066	0.105	16.087398	-72.252690	555.85	-247.33
6	GUIDE	1197885328	7.23	3746	0.007	-0.033	0.053	0.081	16.283090	-71.733943	-932.70	901.04
7	GUIDE	1198189696	7.37	3745	-0.086	-0.007	0.048	0.081	15.223750	-72.697522	1460.42	-1866.85

2.4 Star Slots

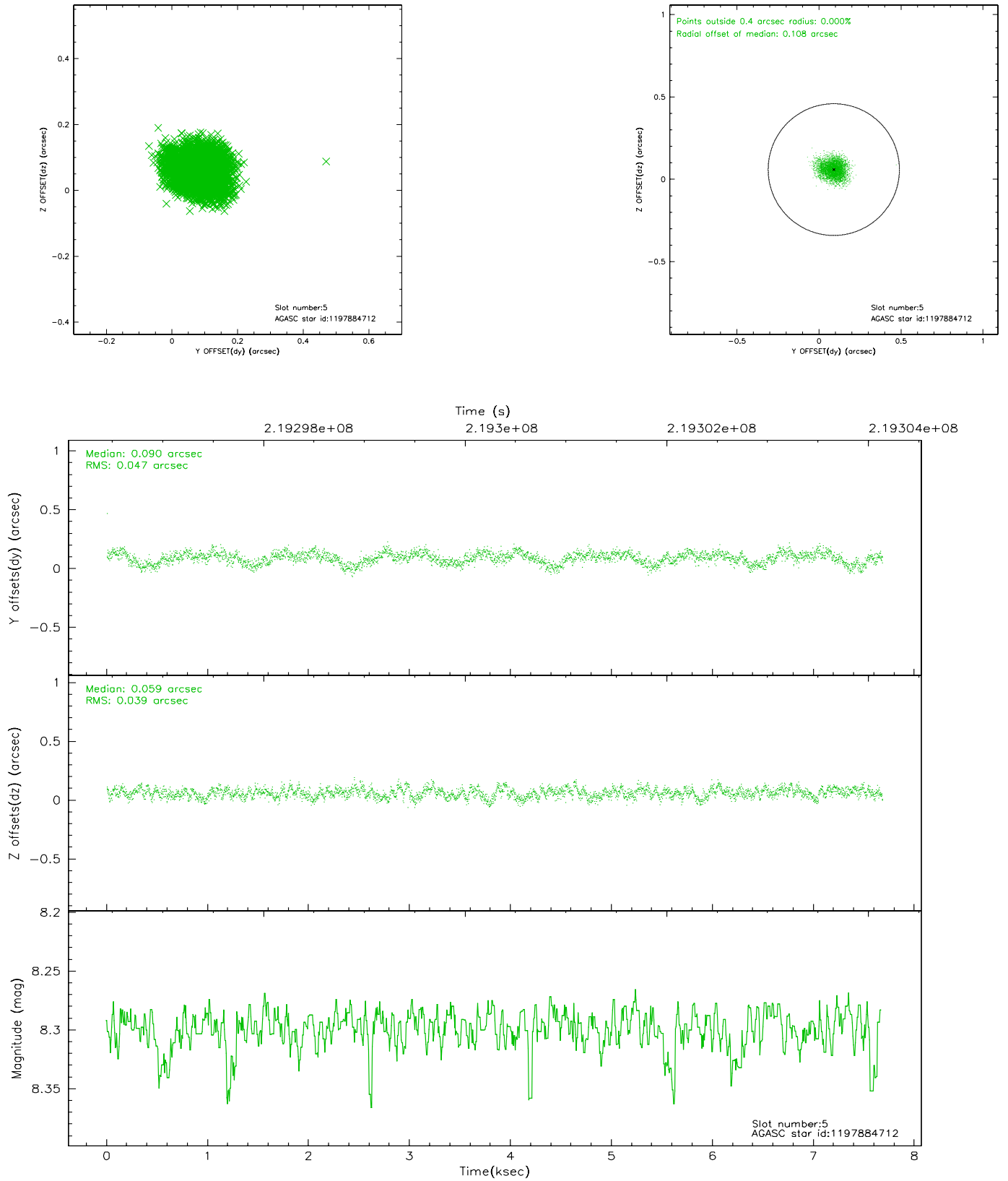
2.4.1 Slot 3



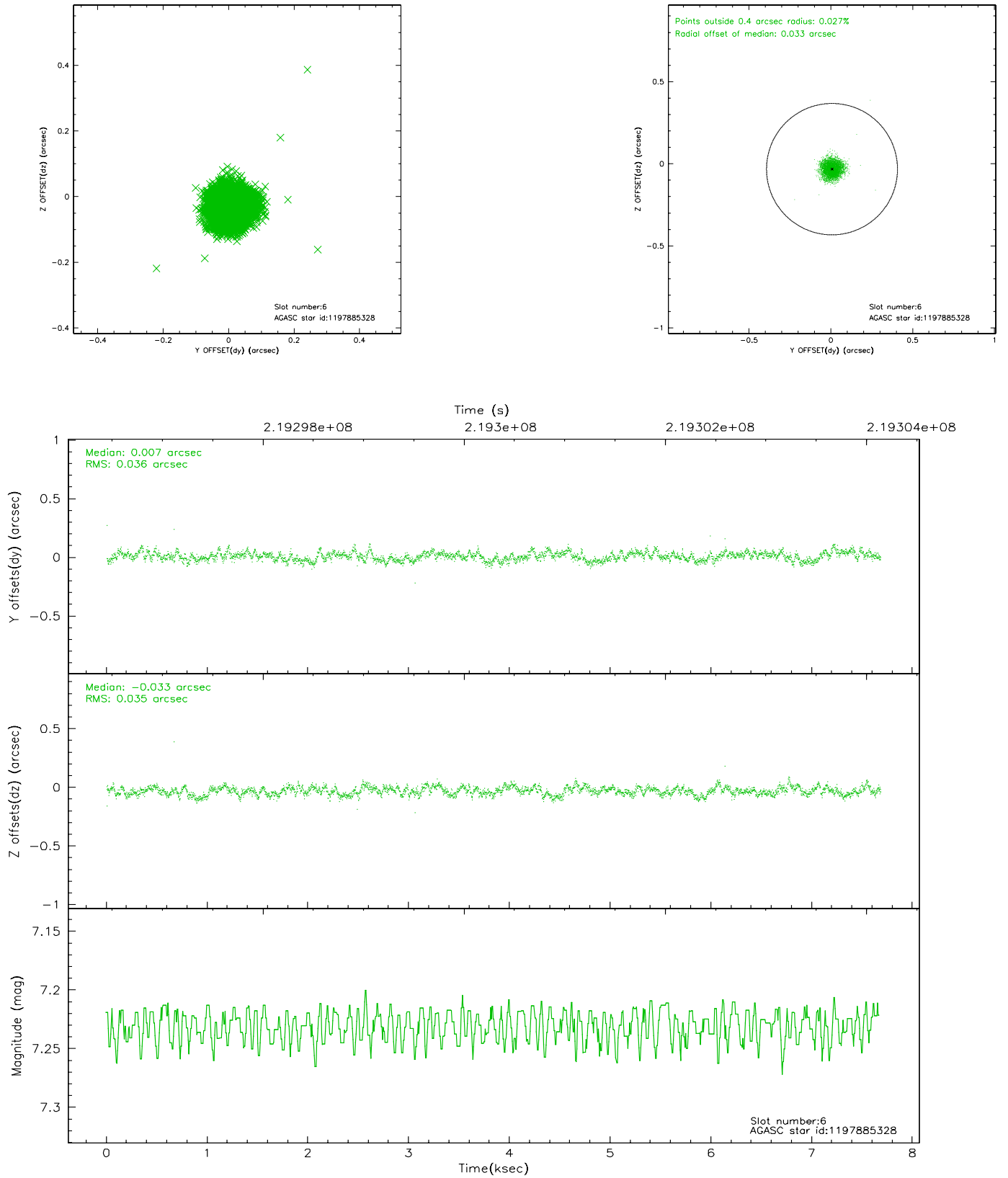
2.4.2 Slot 4



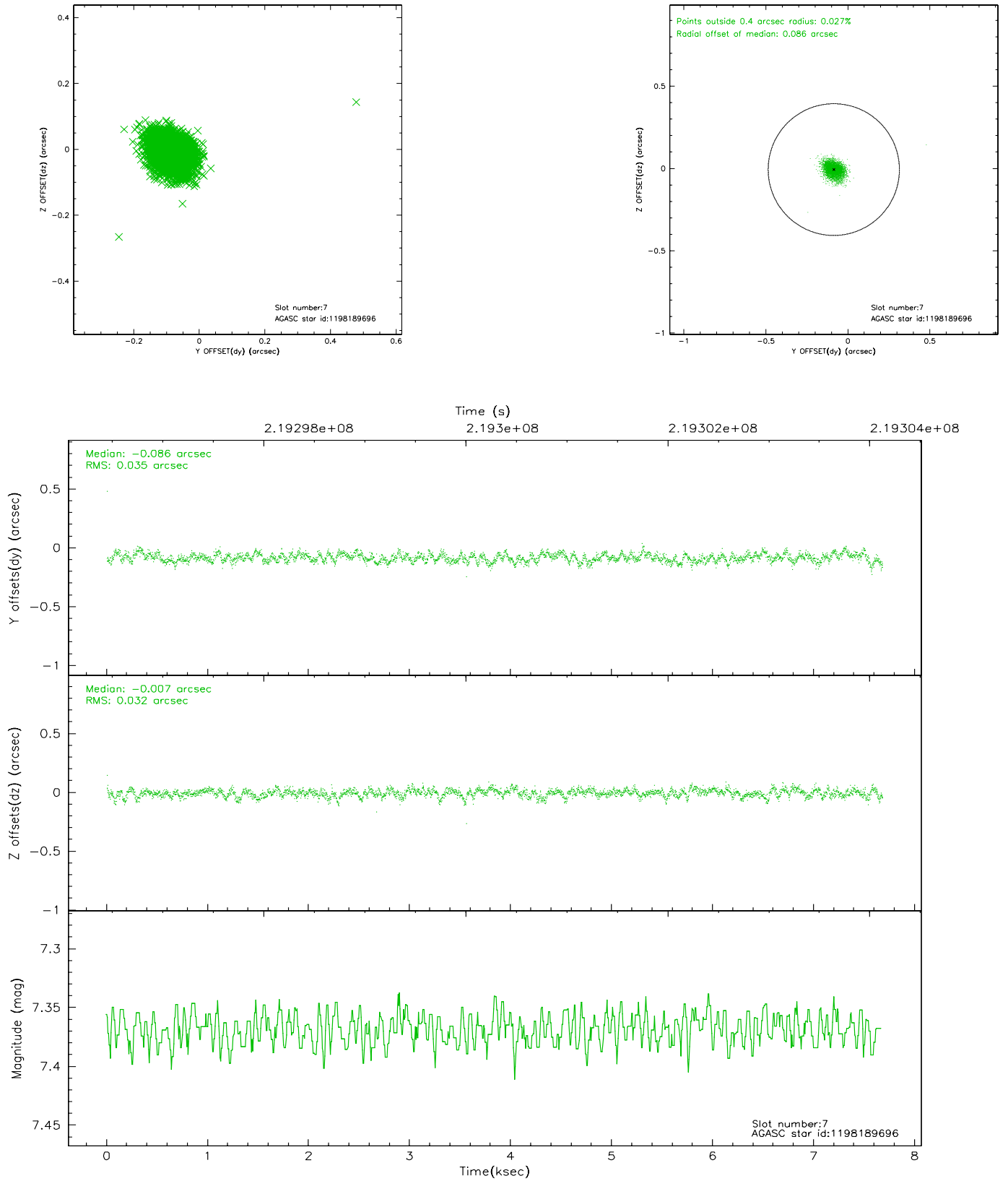
2.4.3 Slot 5



2.4.4 Slot 6

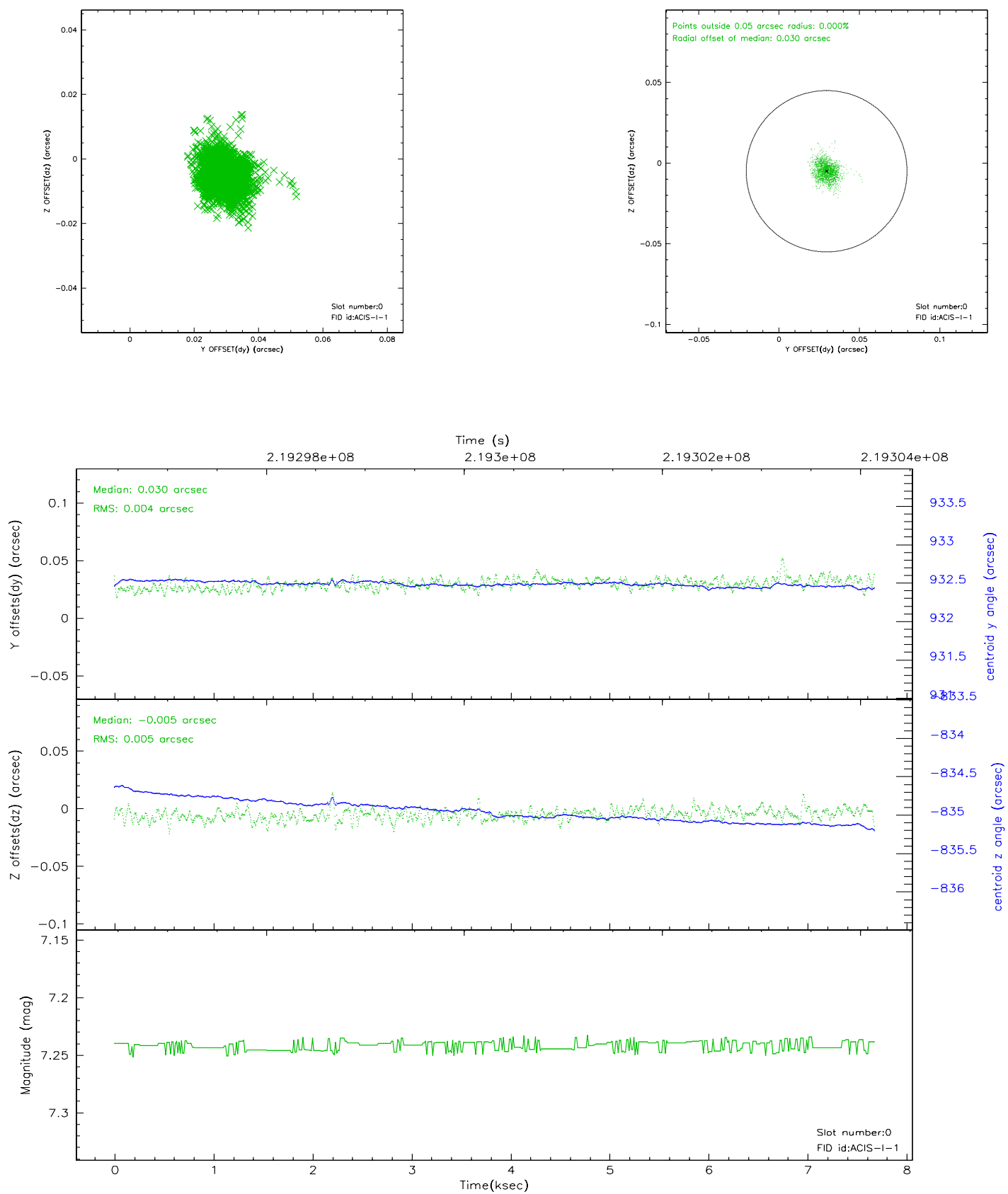


2.4.5 Slot 7

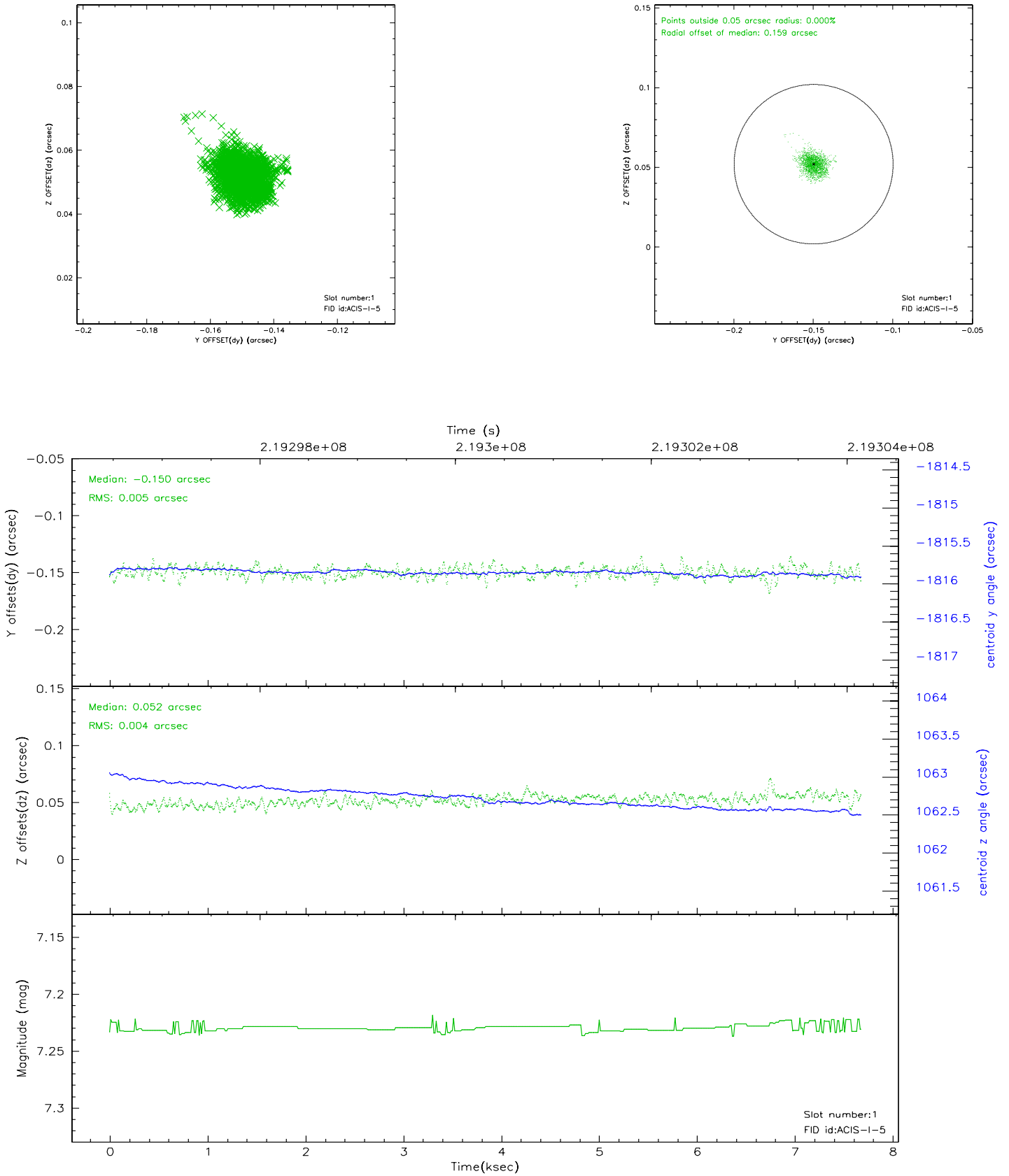


2.5 FID Slots

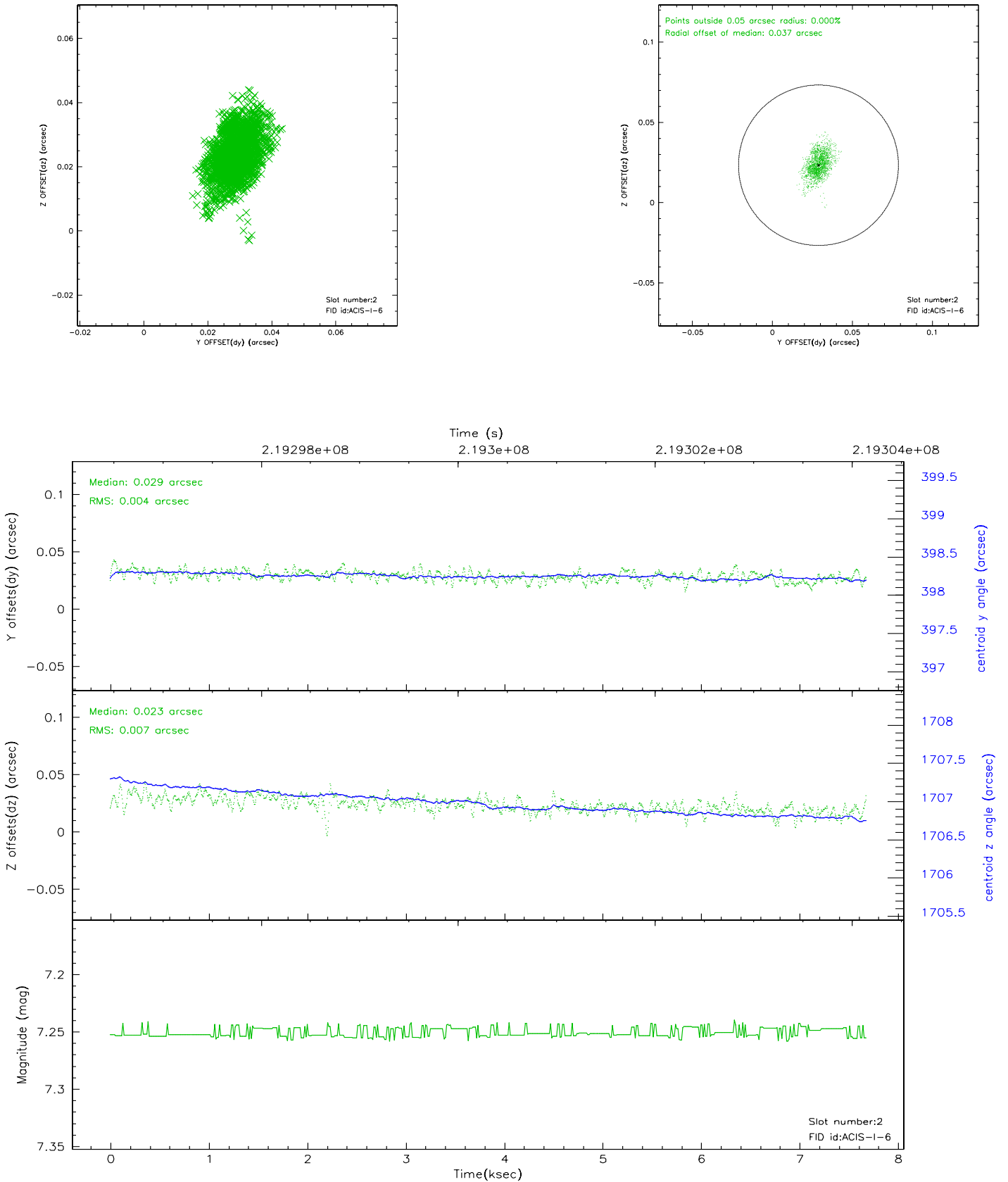
2.5.1 Slot 0



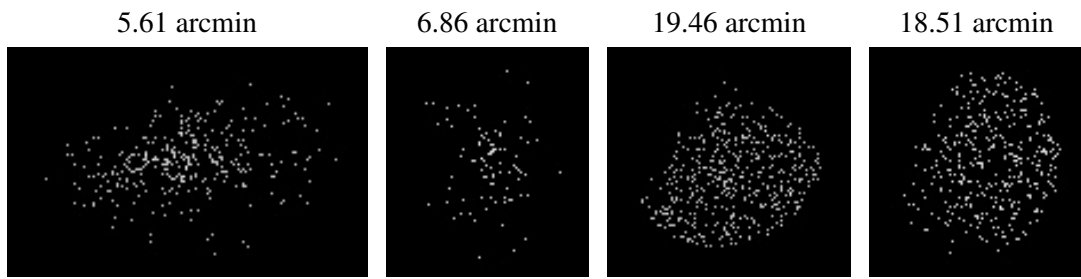
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.254399

A.2 Comments

Window constraint satisfied.