

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5006 - L2 Version 001
Chandra X-Ray Center

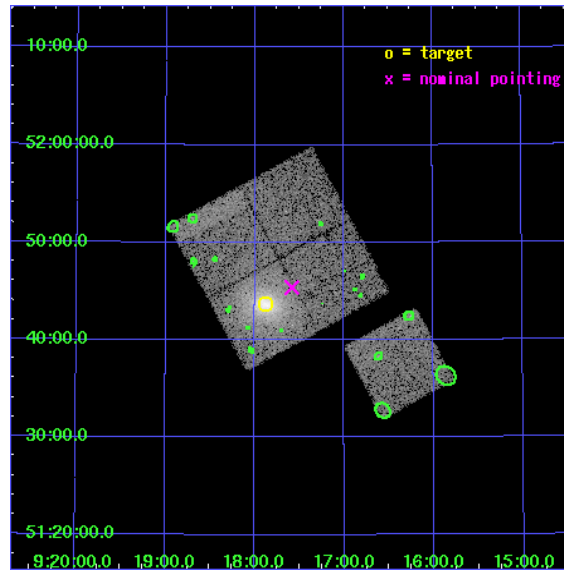
L2 Processing Date : Jun 6 2006

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1 Front

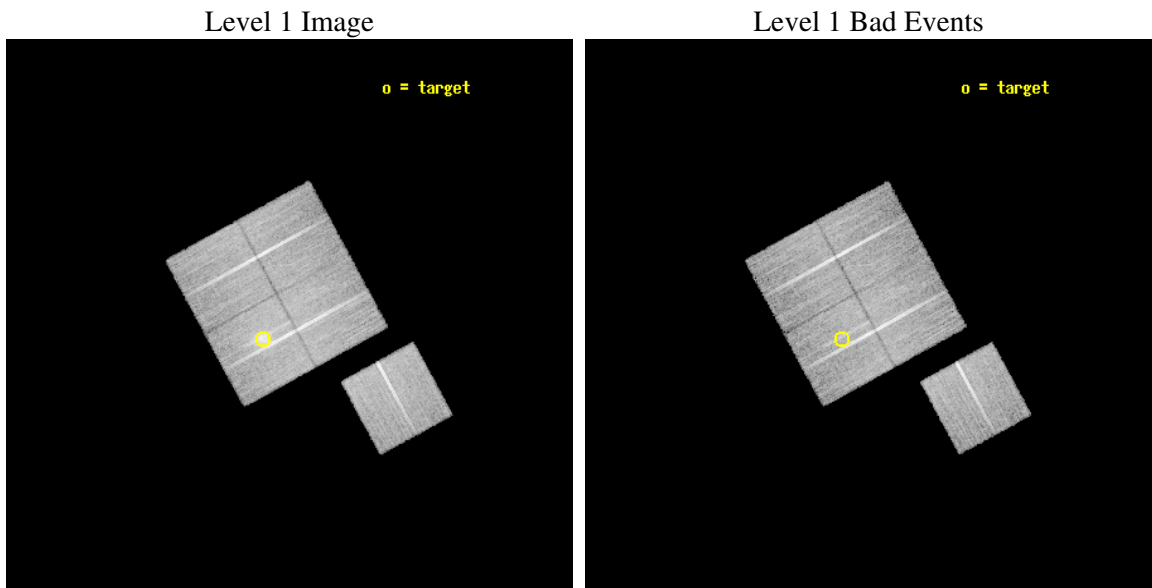
seq_num	800449
obs_id	5006
title	Cluster studies: Determination of H0/q0
observer	DR. LEON VANSPEYBROECK
object	A773
dtcycle	0
cycle	P
ra_targ	139.47125
dec_targ	51.728889
ra_nom	139.39588379246
dec_nom	51.756610010515
roll_nom	151.40462521401
revision	2
ontime	20078.65897125
livetime	19816.316510097
ontime0	20078.658981174
ontime1	20081.799961388
ontime2	20081.799961388
ontime3	20078.65897125
ontime6	20078.658961266
l2events	64430



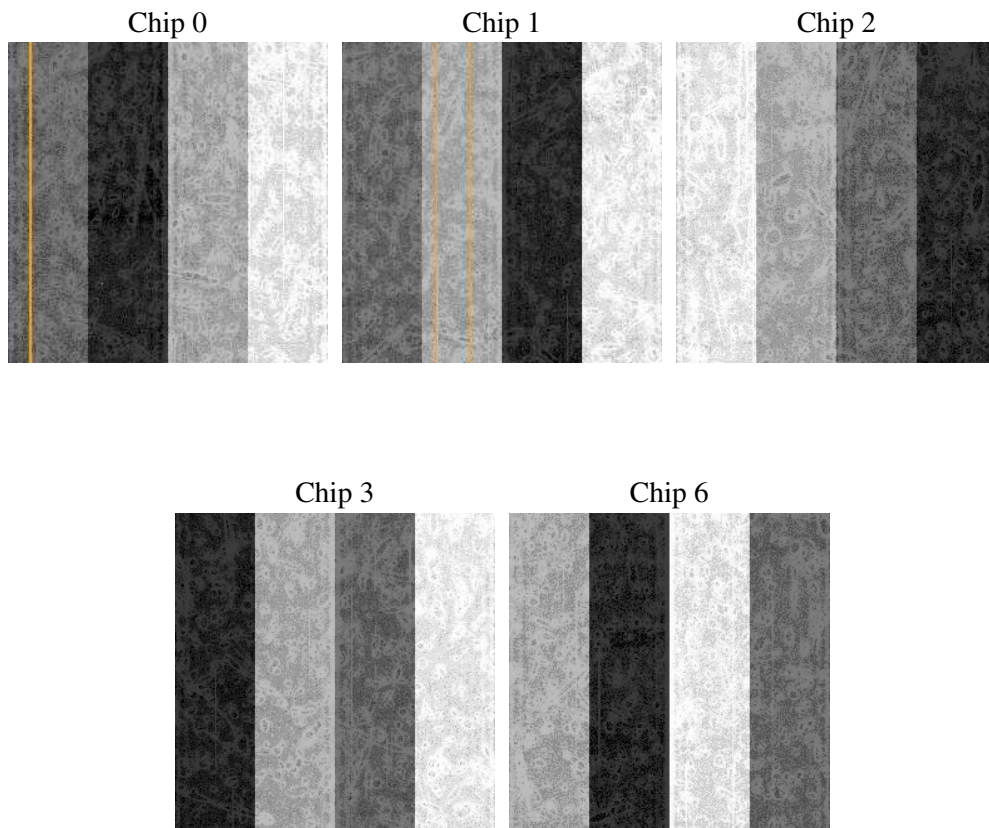
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-07T01:21:25
revision	2

sched_exp_time	20000.000000
ontime	20083.606706351
ontime0	20086.747716457
ontime1	20089.888696671
ontime2	20086.747676611
ontime3	20083.606706351
ontime6	20086.747696549
l1events	570991

2.1.4 Events

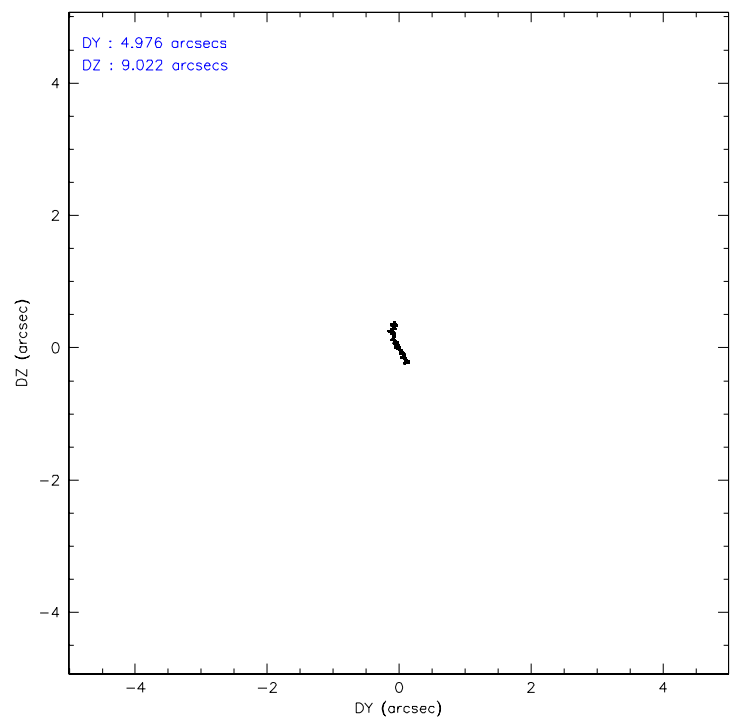
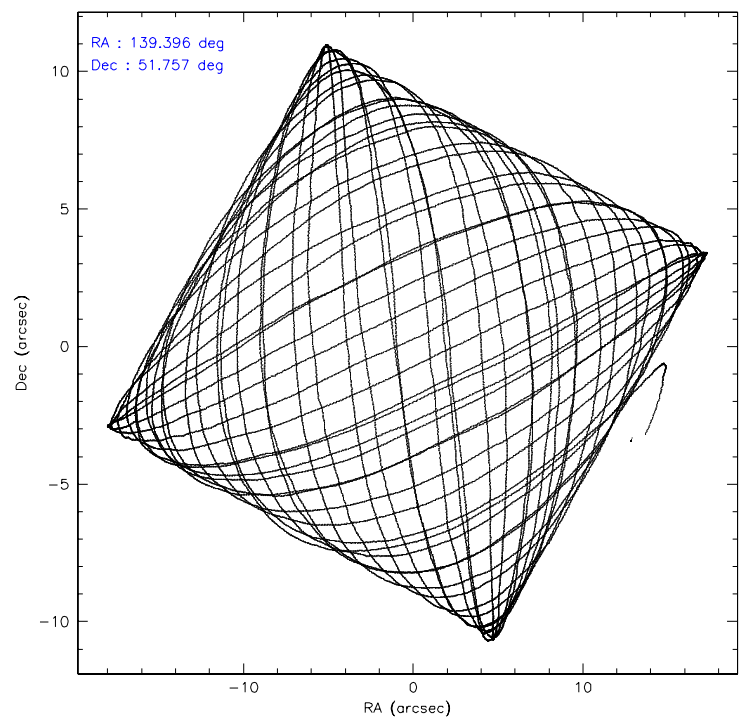
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	103701	106351	117152	129109	114678
rejected events	92097	92789	104451	101912	102329
rejected %	88%	87%	89%	78%	89%

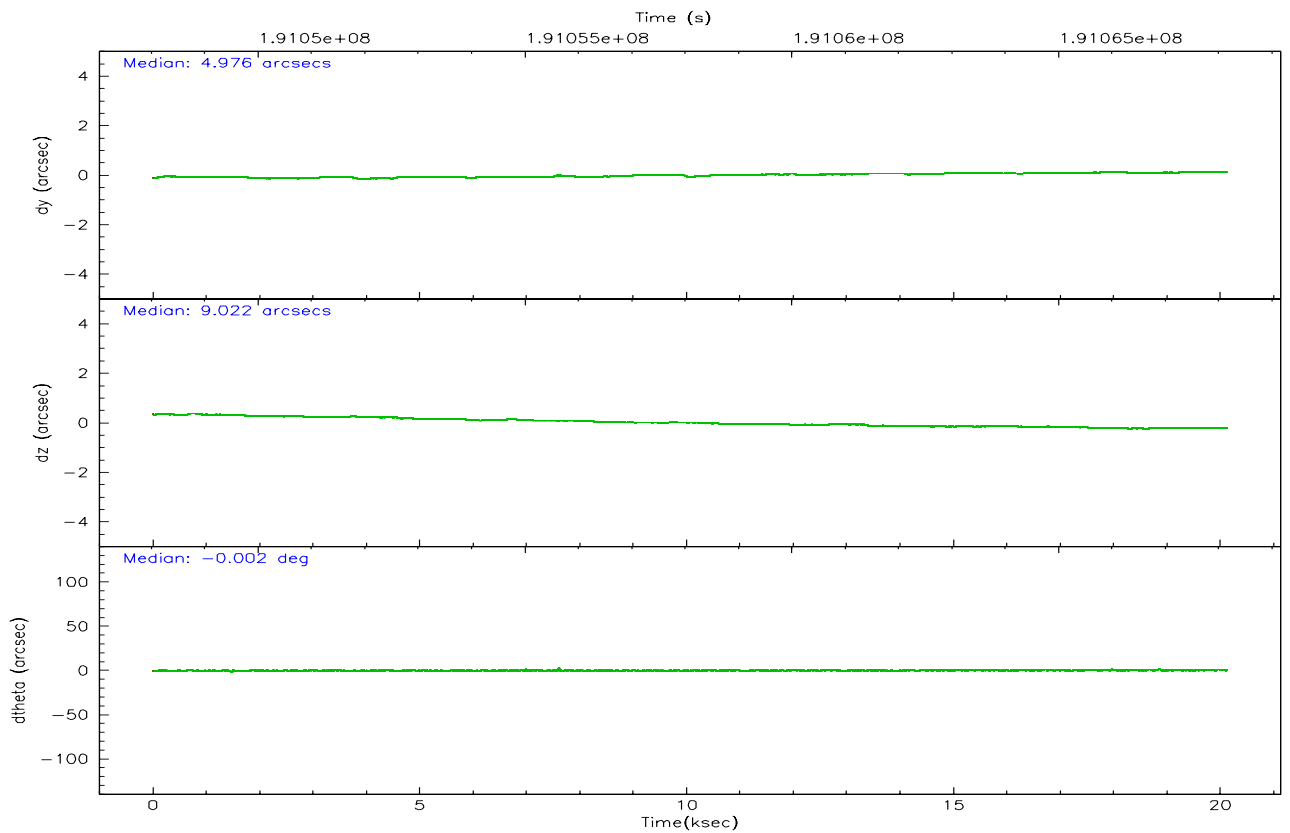
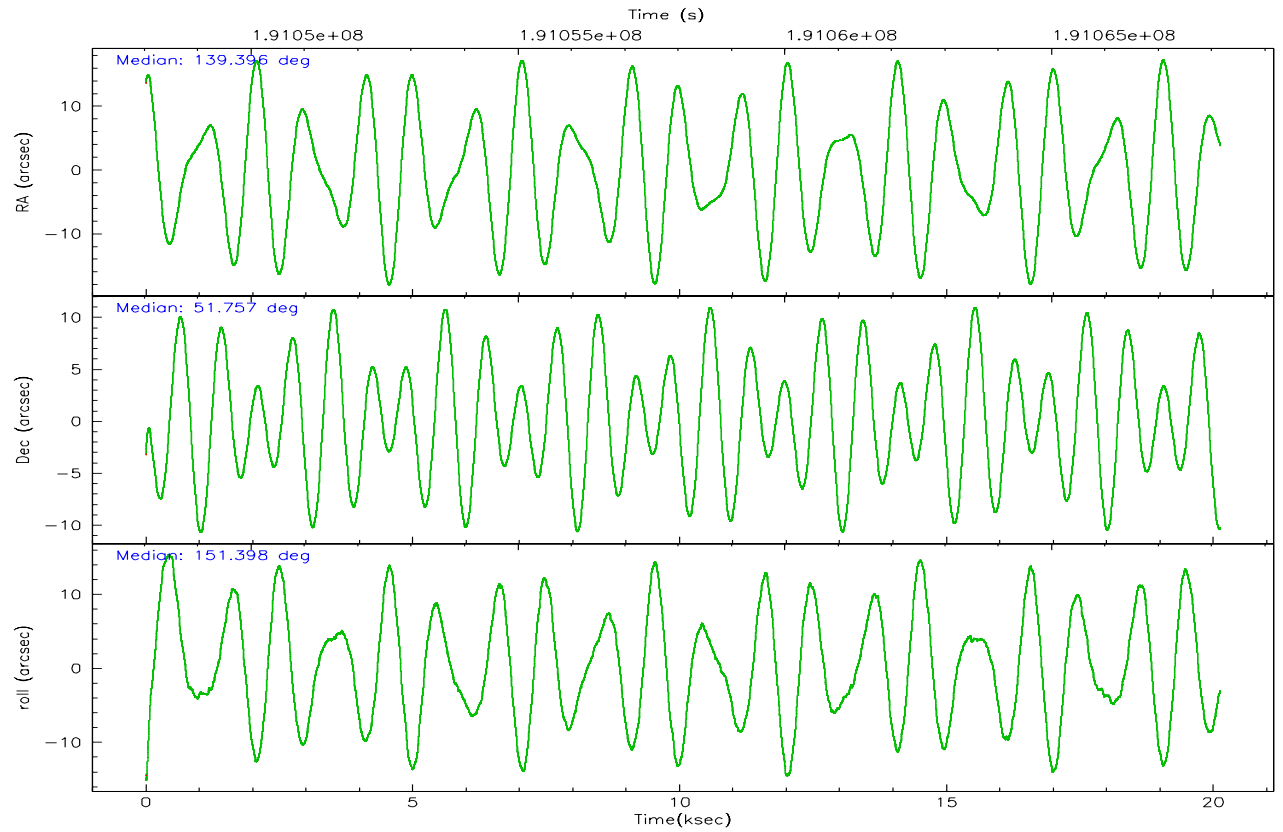
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4320	5162	5458	17357	4776
	4%	4%	4%	13%	4%
grade 1 events	53	55	82	129	63
	0%	0%	0%	0%	0%
grade 2 events	2763	2941	2722	3982	2688
	2%	2%	2%	3%	2%
grade 3 events	1302	1445	1116	1709	1304
	1%	1%	0%	1%	1%
grade 4 events	1145	1384	1407	1684	1261
	1%	1%	1%	1%	1%
grade 5 events	3795	4108	3556	4422	4339
	3%	3%	3%	3%	3%
grade 6 events	2079	2633	2002	2475	2326
	2%	2%	1%	1%	2%
grade 7 events	88244	88623	100809	97351	97921
	85%	83%	86%	75%	85%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	139.440084	139.3958837924634	Alternating exposures requested	N	N
Pointing Dec	51.757415	51.75661001051512	Primary exposure time	0.000000	3.1
Pointing Roll	151.161228	151.4046252140086			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	191048163.184000	191047233.67395			
Observation start date	2004-01-21T04:54:59	2004-01-21T04:40:33			
Observation end time	191068163.184000	191068793.01239			
Observation end date	2004-01-21T10:28:19	2004-01-21T10:39:53			
Read mode	TIMED	TIMED			

2.3 Aspect



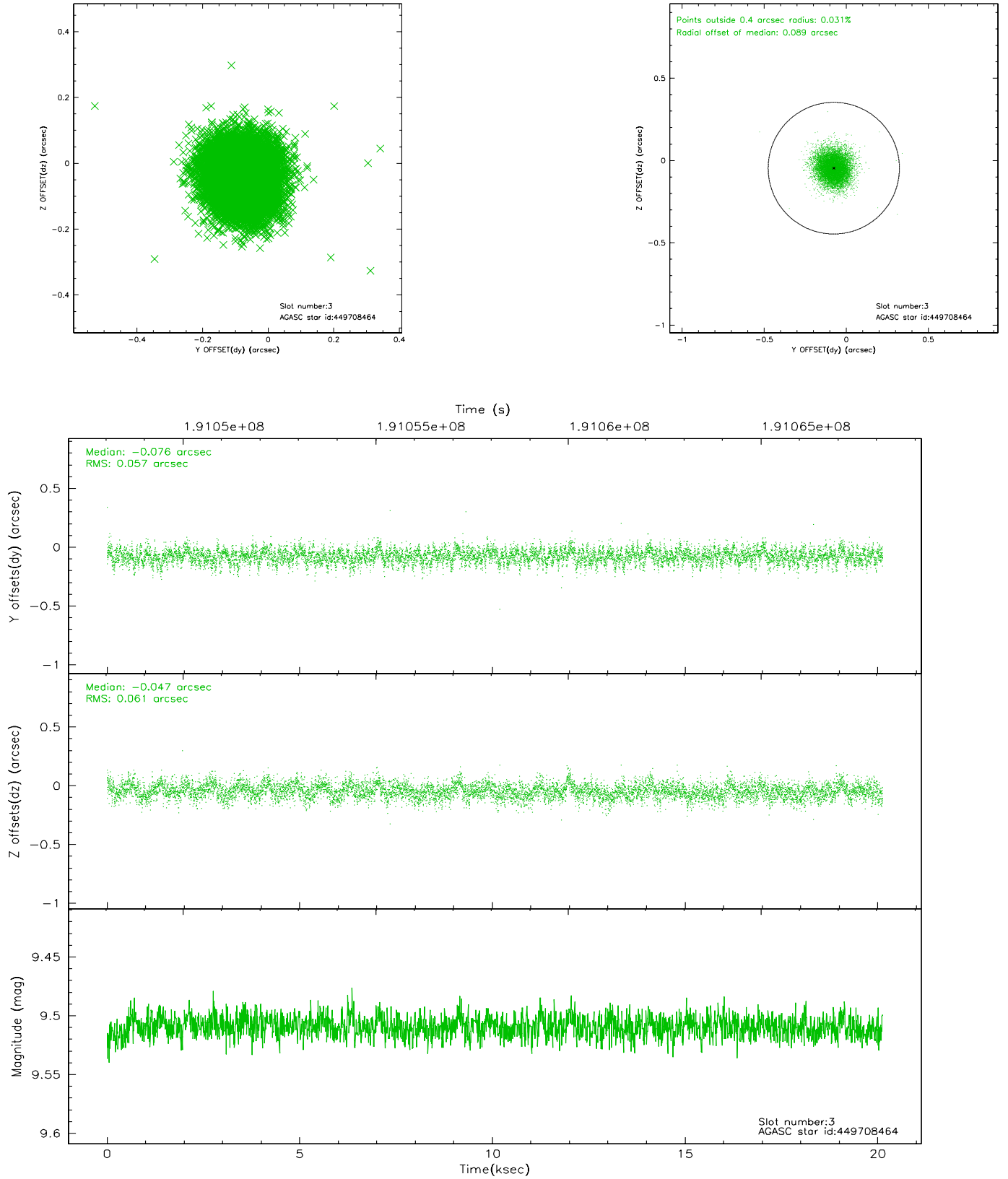


Slot Statistics

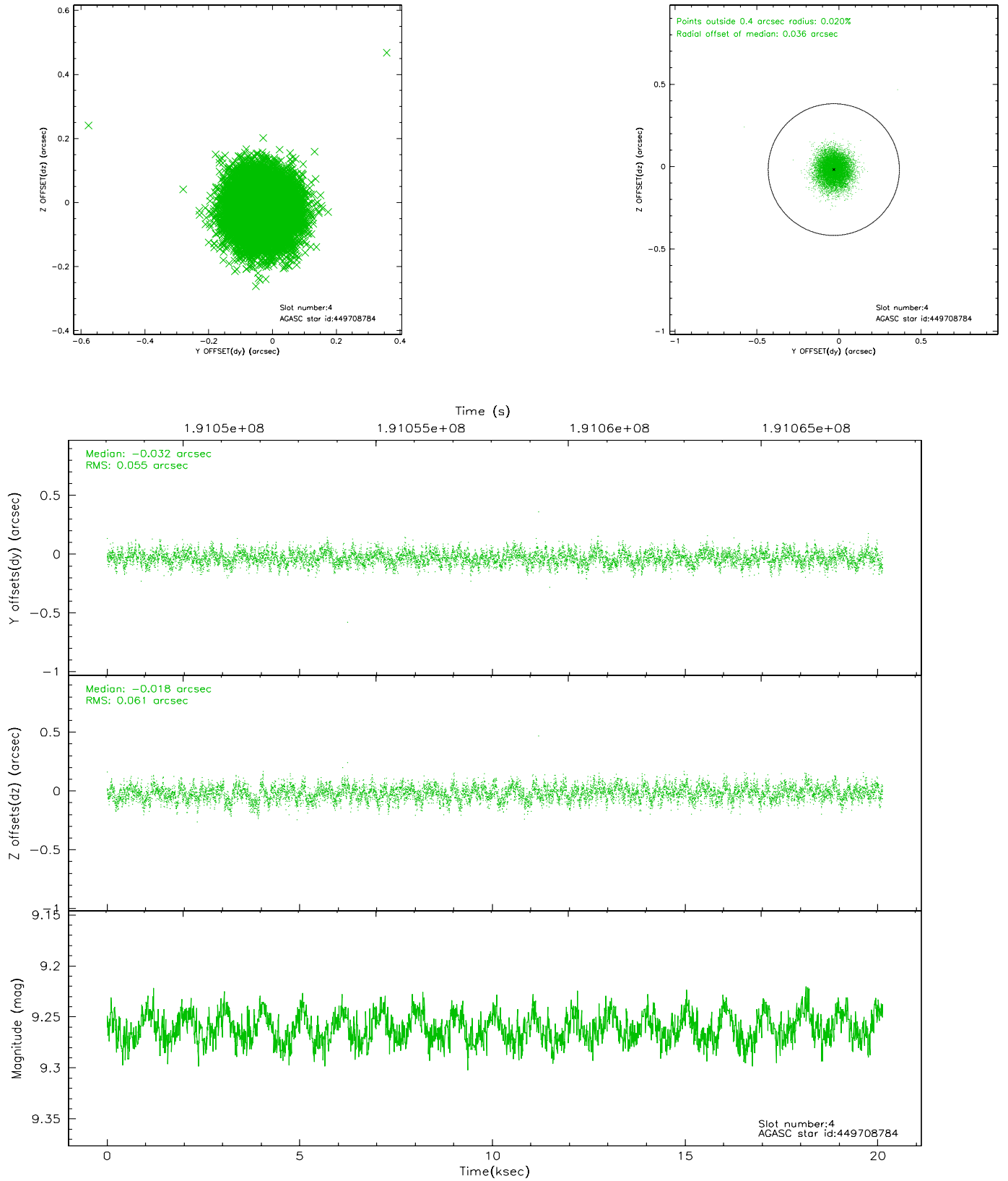
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.22	4910	0.060	-0.032	0.007	0.012	0.000000	0.000000	934.68	-991.60
1	FID	ACIS-I-5	7.22	4910	-0.211	0.062	0.007	0.012	0.000000	0.000000	-1813.60	905.85
2	FID	ACIS-I-6	7.24	4910	0.060	0.041	0.007	0.012	0.000000	0.000000	400.02	1550.56
3	GUIDE	449708464	9.51	9815	-0.076	-0.047	0.088	0.144	140.342196	51.951871	-1409.28	-1589.52
4	GUIDE	449708784	9.26	9816	-0.032	-0.018	0.088	0.138	139.281247	51.322176	-442.40	1544.70
5	GUIDE	498865336	9.20	9814	0.083	-0.001	0.092	0.148	139.050858	52.564533	2149.46	-2135.77
6	GUIDE	498869616	9.45	9816	0.055	-0.057	0.125	0.204	139.075460	52.600055	2163.43	-2274.20
7	GUIDE	449713472	9.47	9810	-0.034	0.125	0.124	0.197	140.340736	52.203366	-959.62	-2375.57

2.4 Star Slots

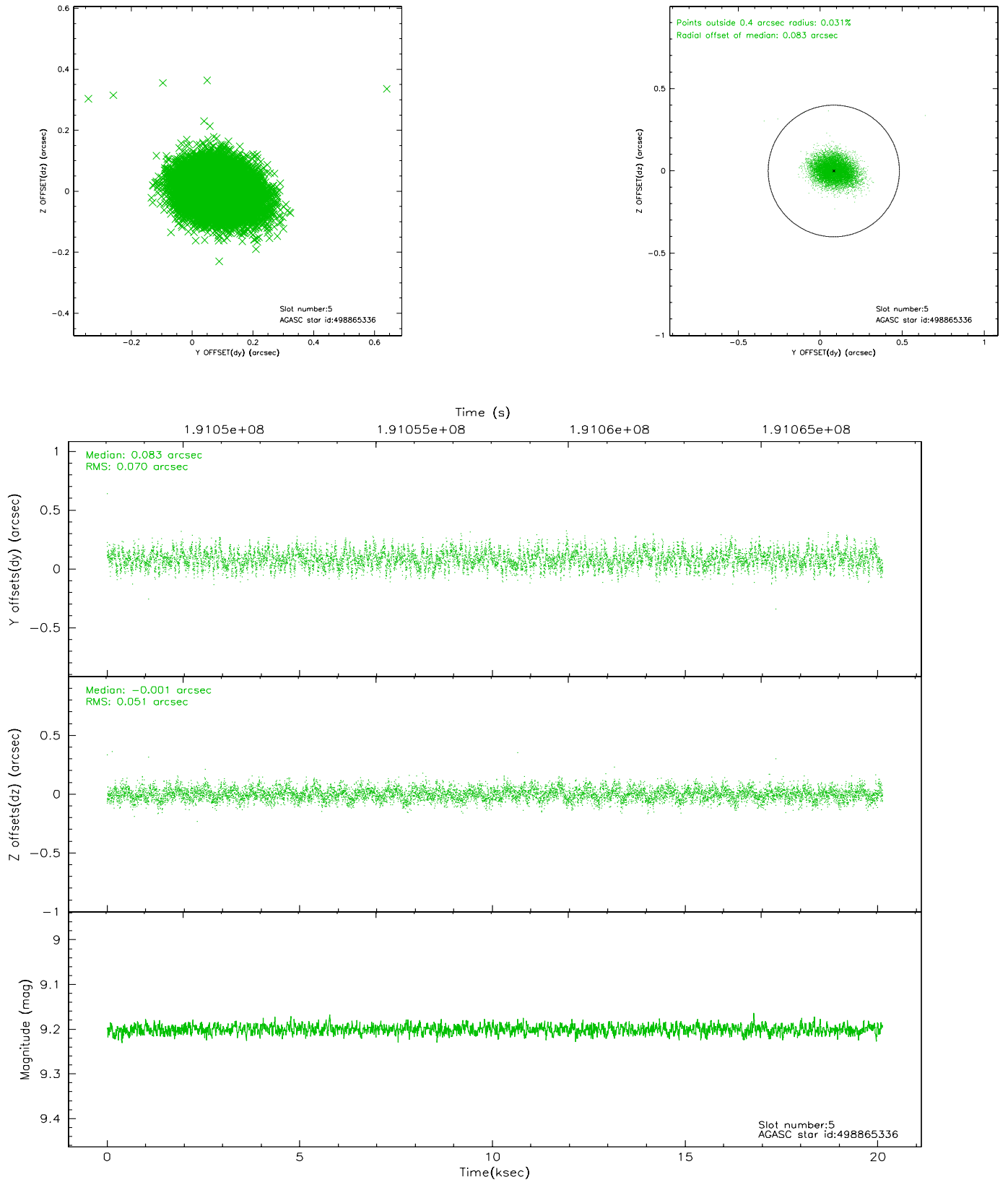
2.4.1 Slot 3



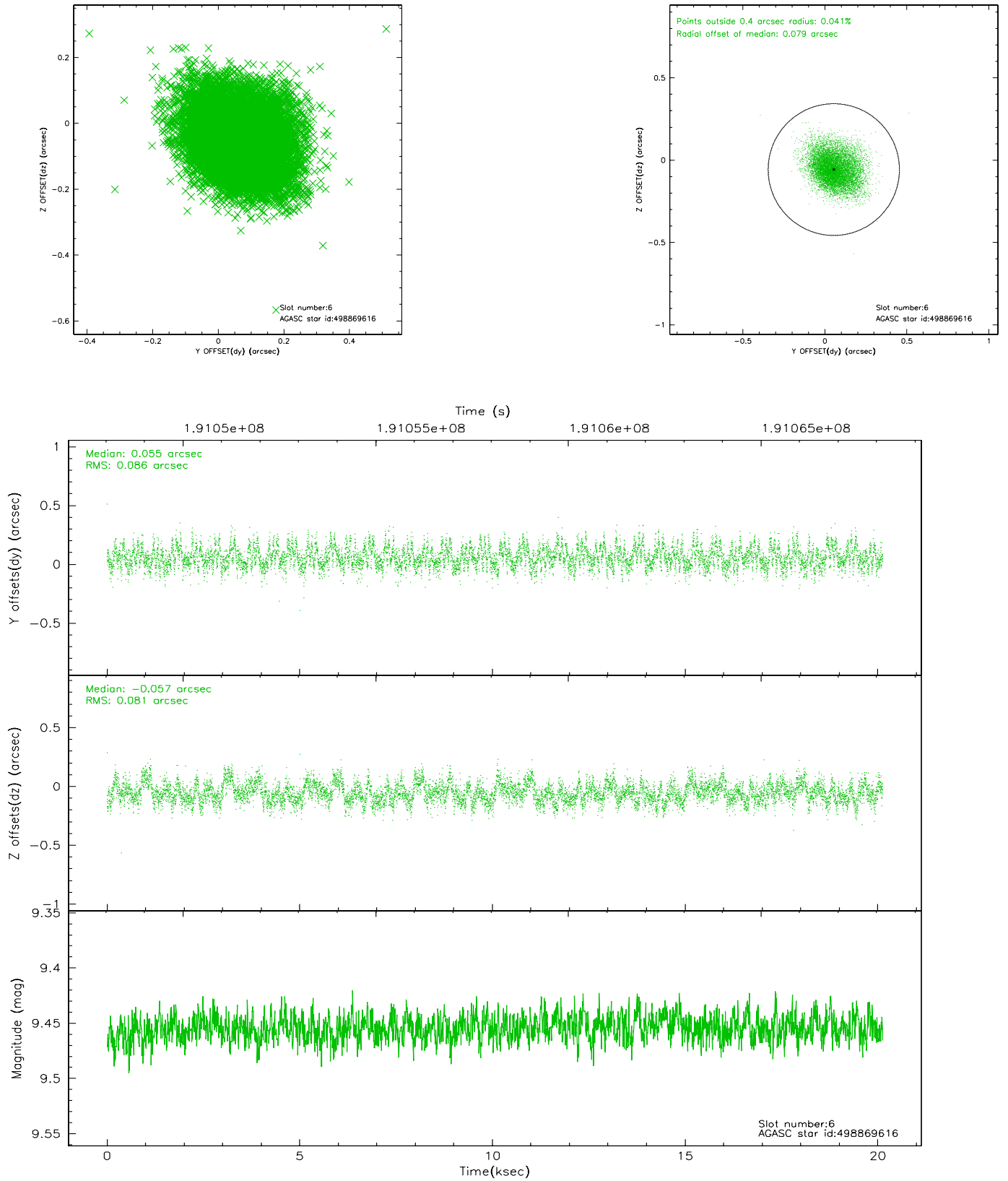
2.4.2 Slot 4



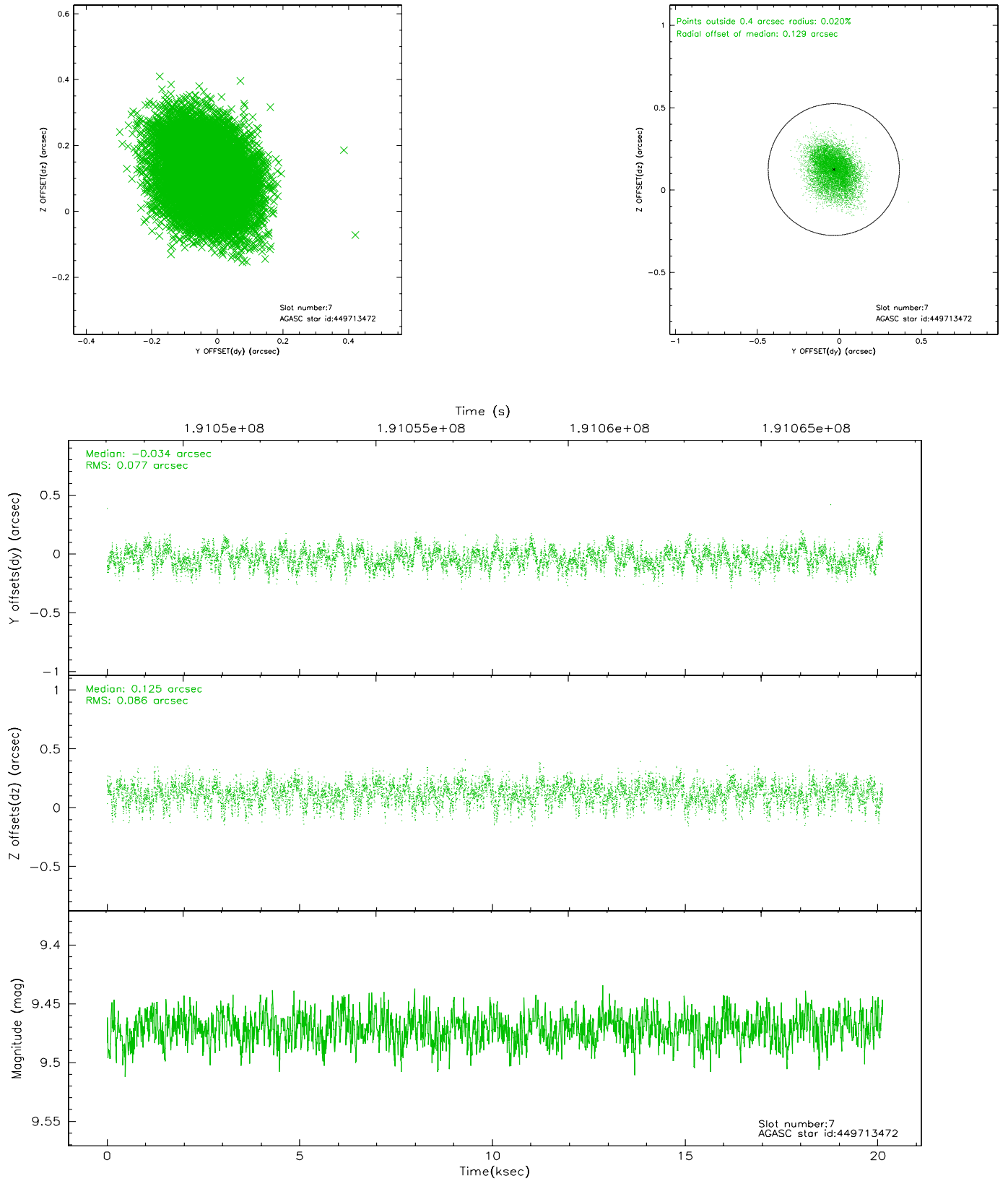
2.4.3 Slot 5



2.4.4 Slot 6

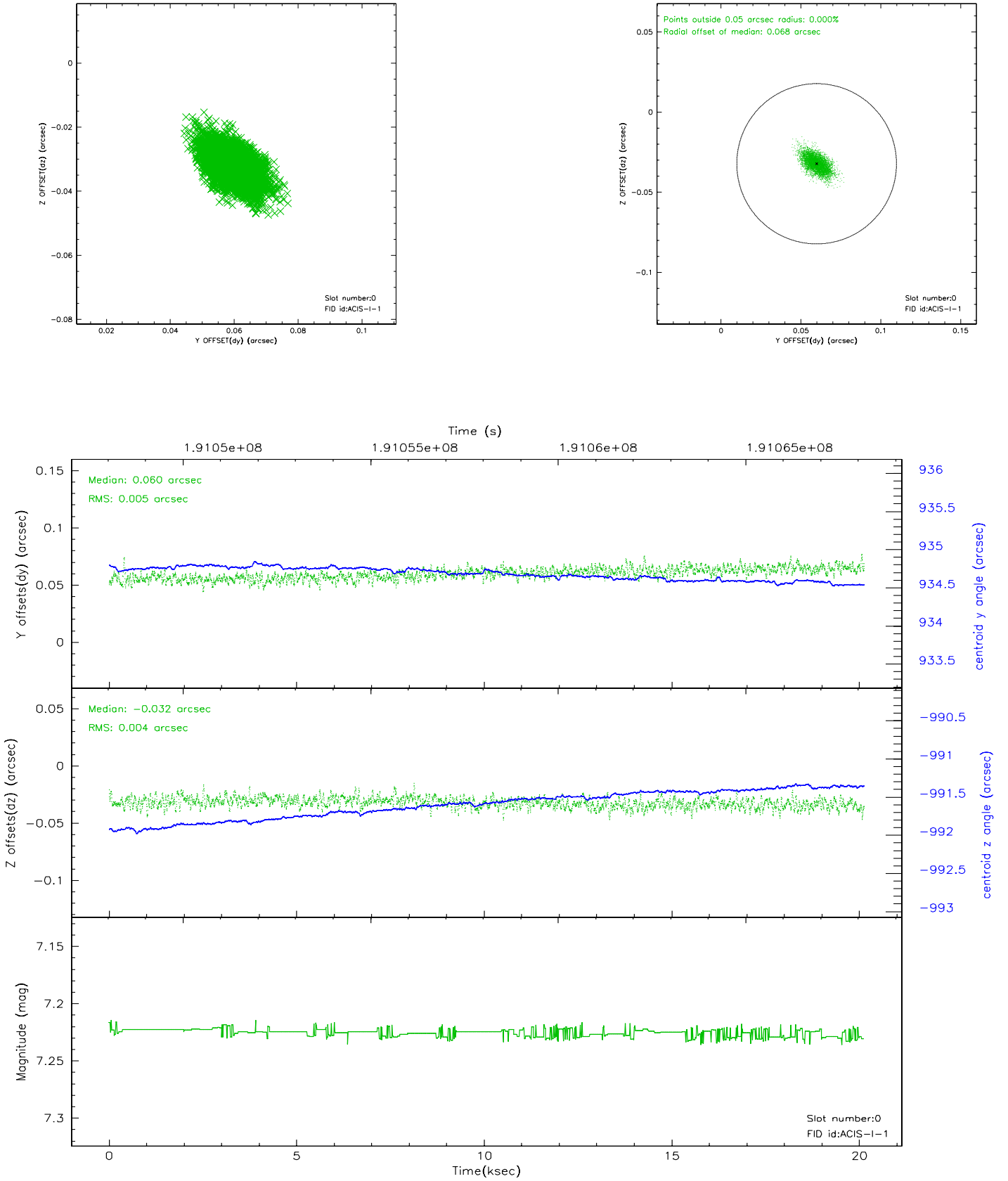


2.4.5 Slot 7

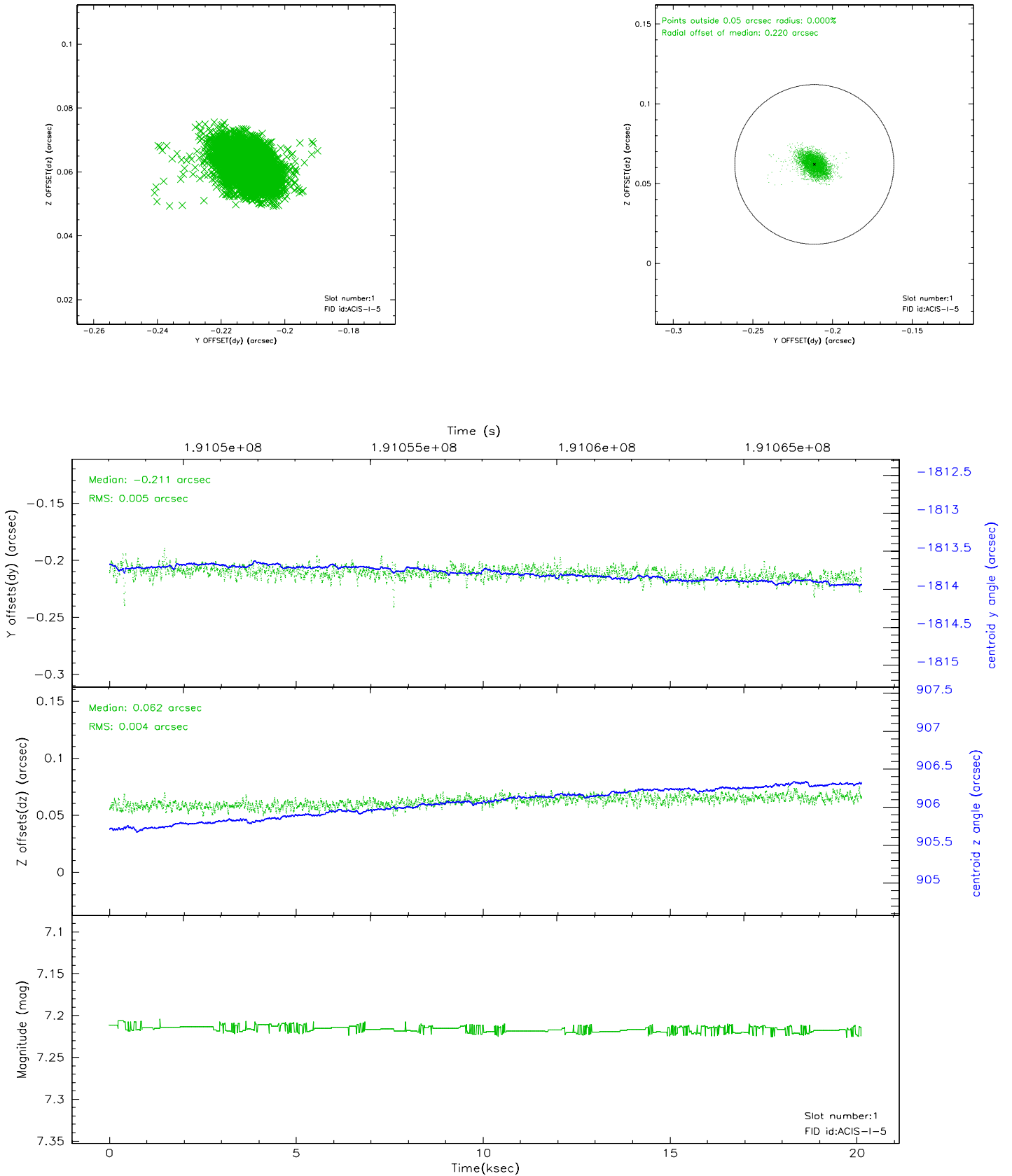


2.5 FID Slots

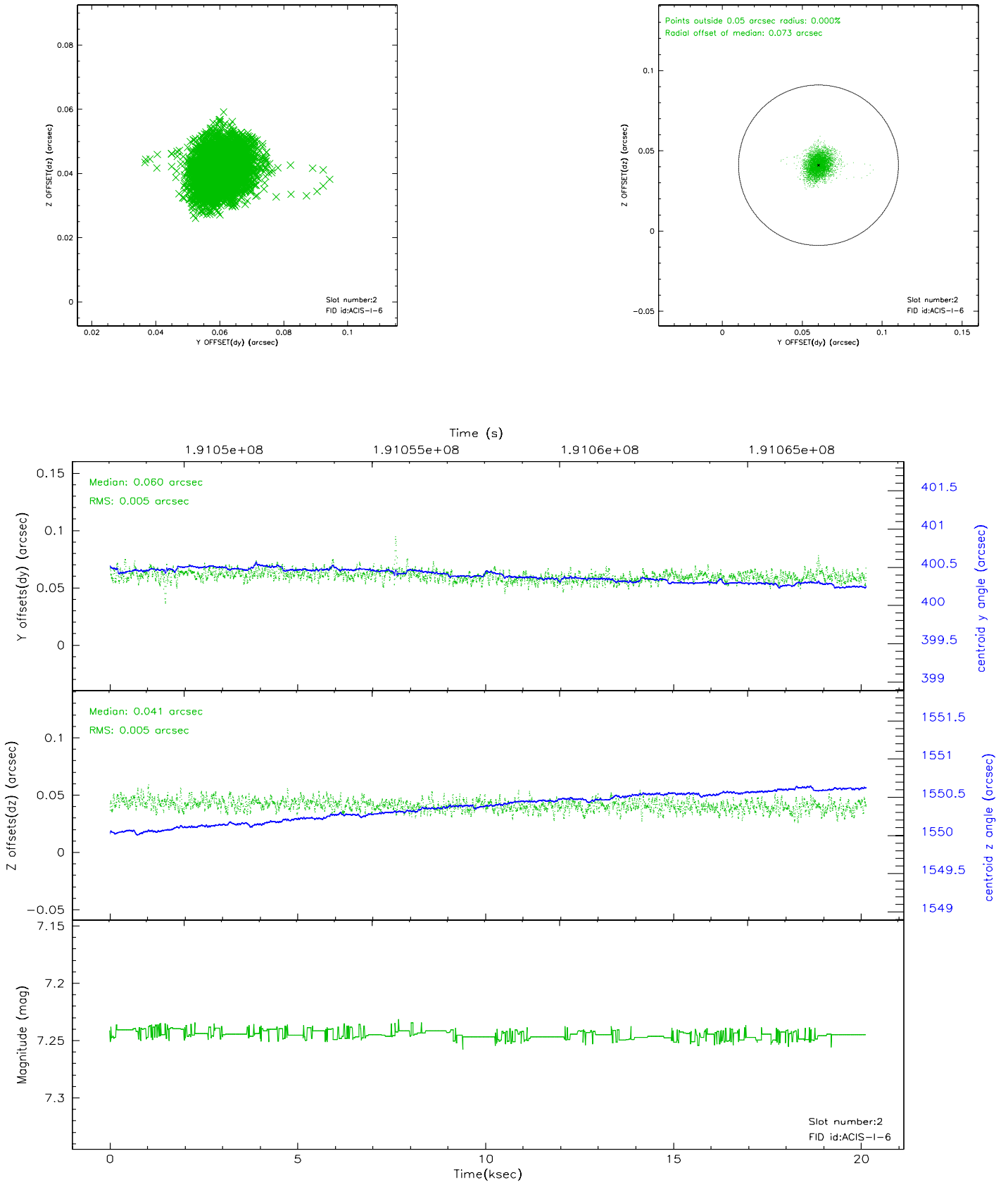
2.5.1 Slot 0



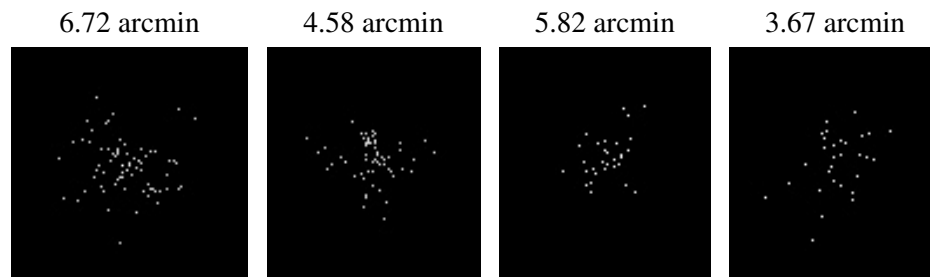
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.081

A.2 Comments