

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5273 - L2 Version 001
Chandra X-Ray Center

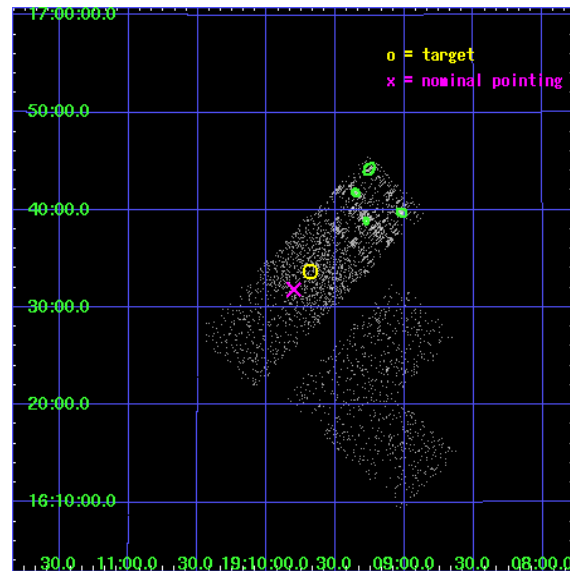
L2 Processing Date : Jun 26 2006

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1 Front

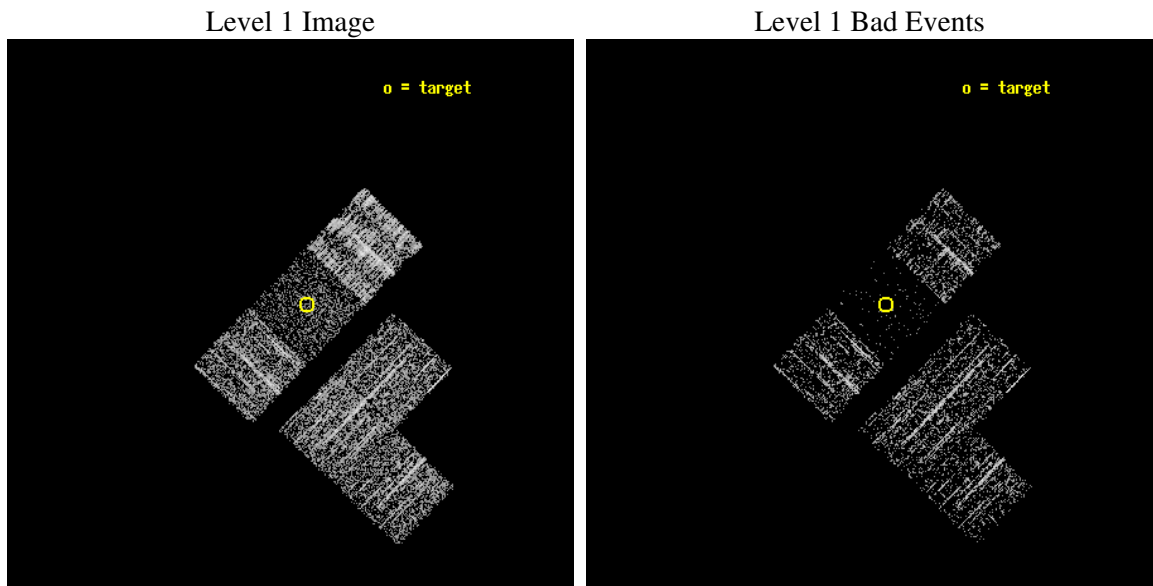
seq_num	100051
obs_id	5273
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.42124
dec_targ	16.56261
ra_nom	287.45075571785
dec_nom	16.531016063749
roll_nom	314.14821119318
revision	2
ontime	1471.9999945164
livetime	1453.3606442538
ontime0	1471.9999945164
ontime2	1471.9999945164
ontime3	1471.9999945164
ontime6	1471.9999945164
ontime7	1471.9999945164
ontime8	1471.9999945164
l2events	3941



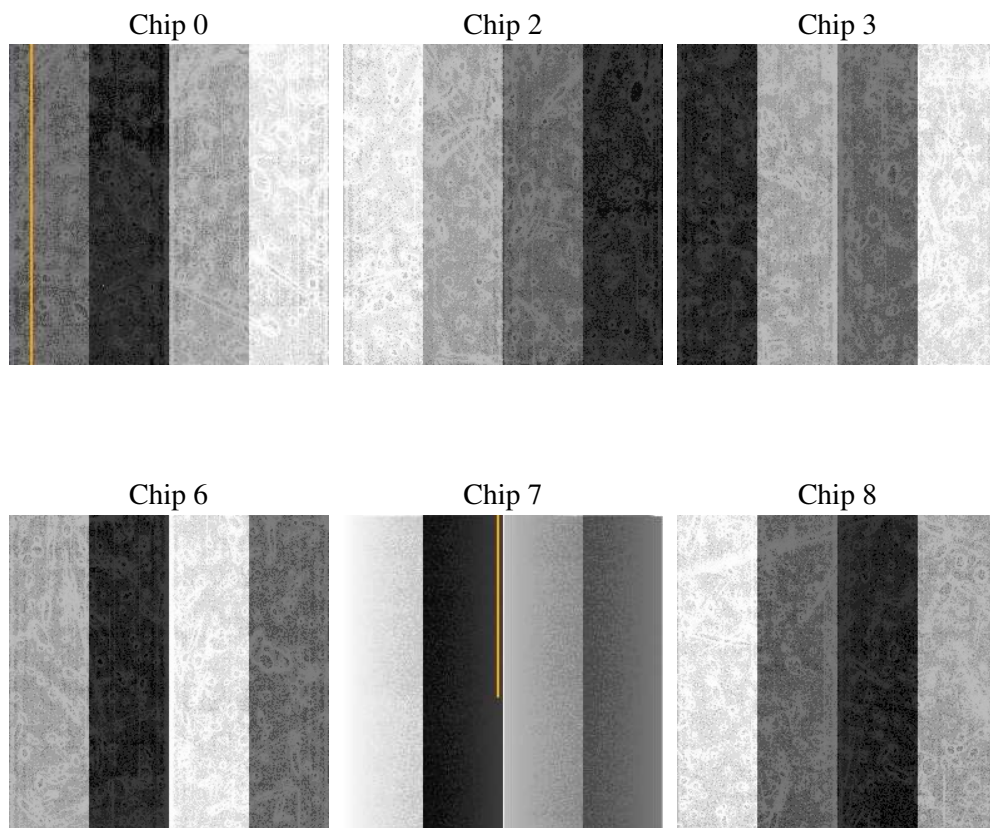
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-26T19:38:21
revision	2

sched_exp_time	1290.000000
ontime	1798.7558678687
ontime0	1798.7558877468
ontime2	1798.7558877468
ontime3	1798.7558877468
ontime6	1798.7558678687
ontime7	1798.7558678687
ontime8	1798.7558877468
l1events	39157

2.1.4 Events

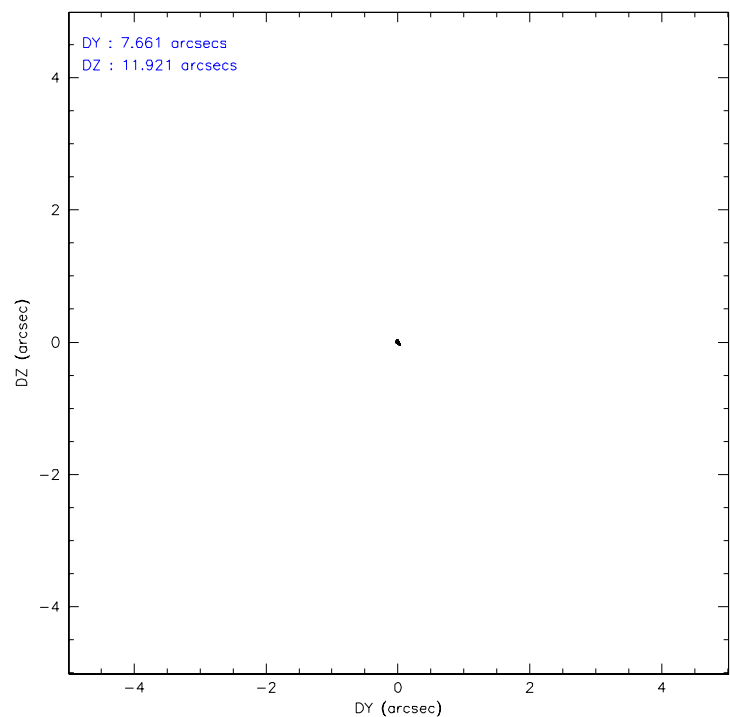
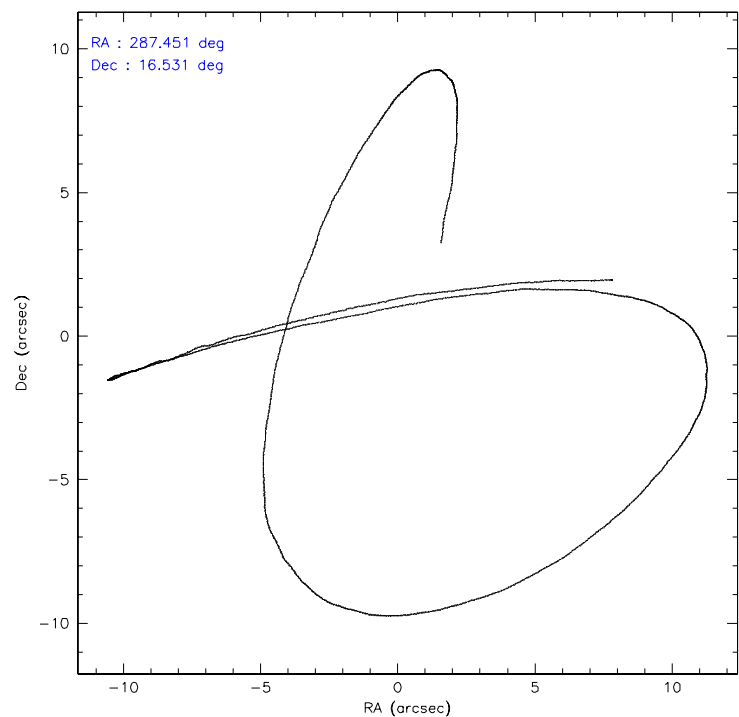
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5630	6884	6423	6488	2165	11567
rejected events	5172	6330	6034	6005	947	6617
rejected %	91%	91%	93%	92%	43%	57%

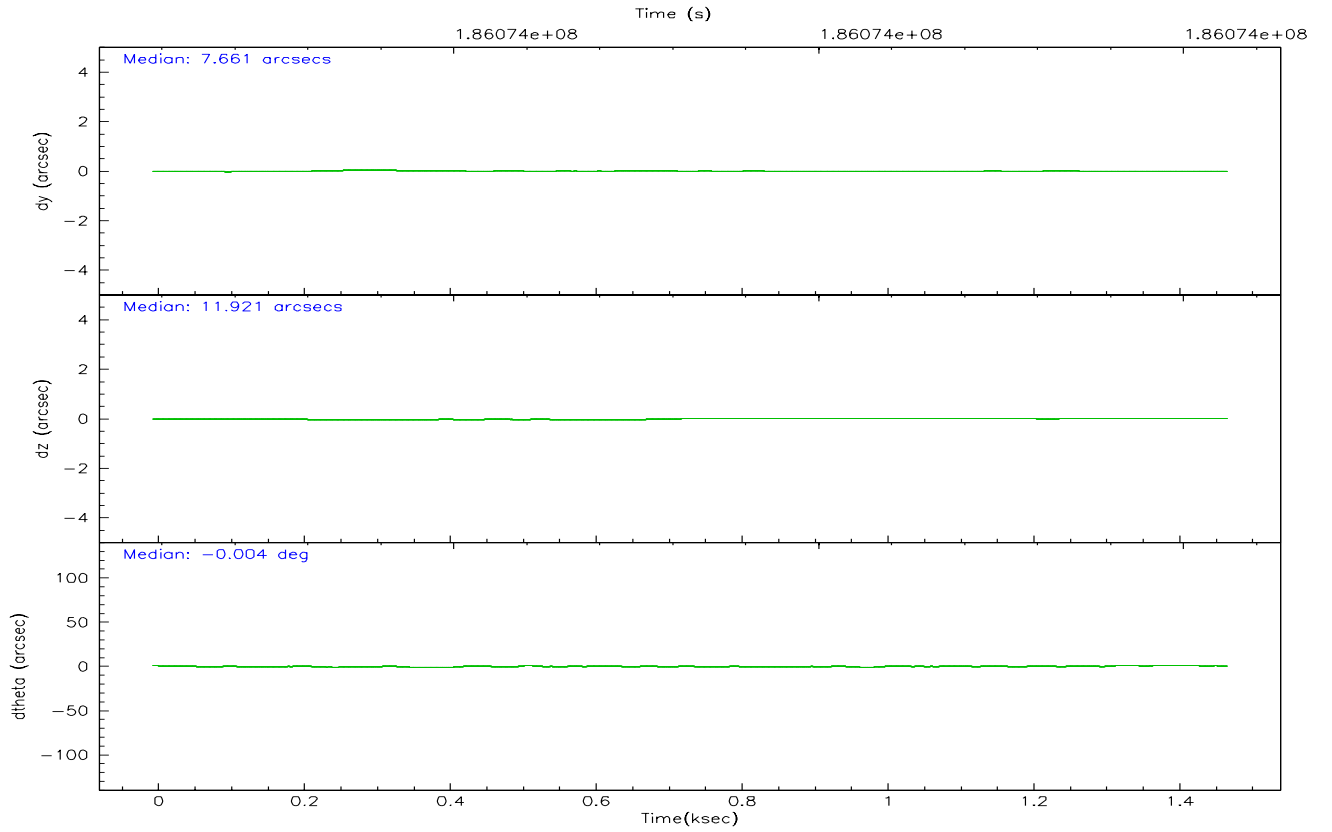
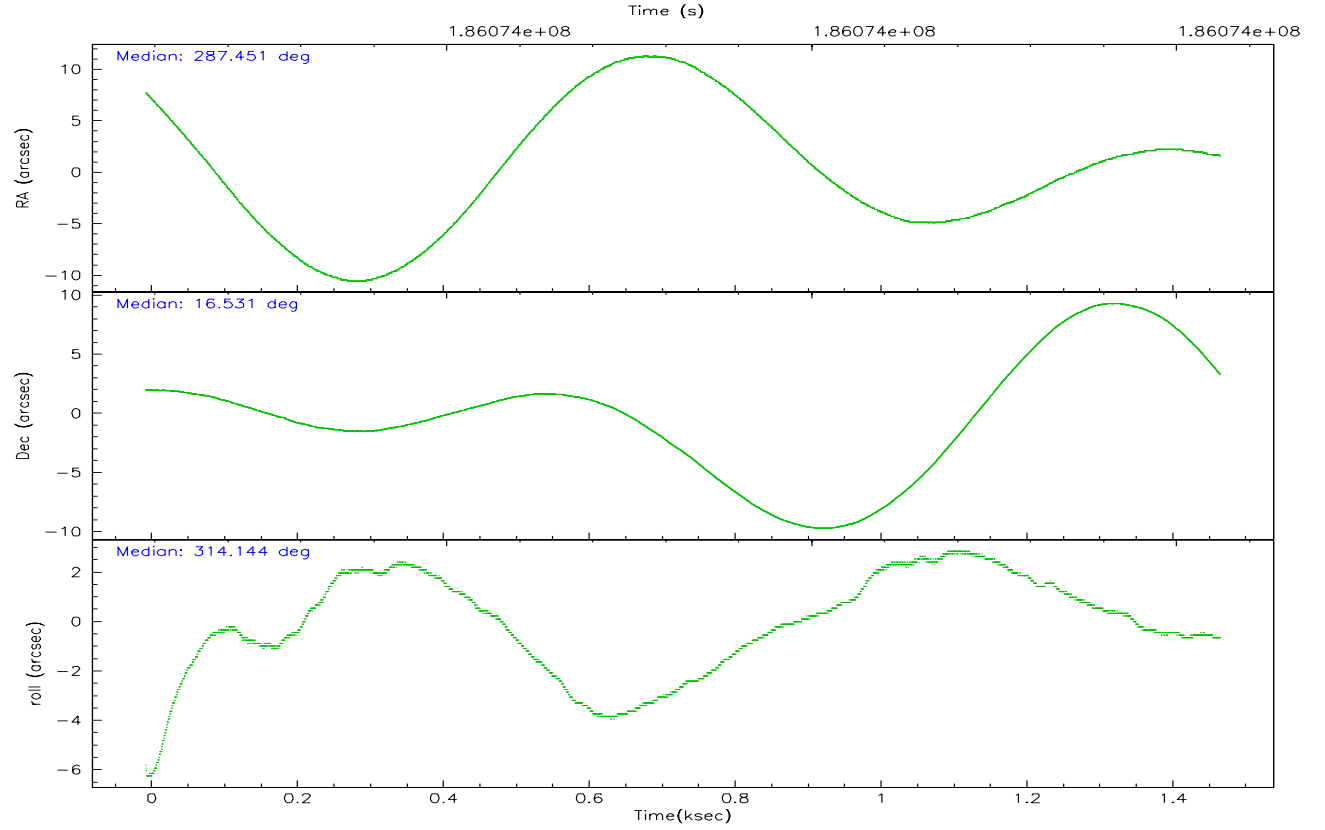
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	260	304	229	267	311	1753
	4%	4%	3%	4%	14%	15%
grade 1 events	4	2	3	2	13	9
	0%	0%	0%	0%	0%	0%
grade 2 events	132	216	96	144	465	840
	2%	3%	1%	2%	21%	7%
grade 3 events	66	50	43	62	148	992
	1%	0%	0%	0%	6%	8%
grade 4 events	52	63	53	61	137	935
	0%	0%	0%	0%	6%	8%
grade 5 events	48	47	55	46	140	175
	0%	0%	0%	0%	6%	1%
grade 6 events	51	57	45	49	432	1386
	0%	0%	0%	0%	19%	11%
grade 7 events	5017	6145	5899	5857	519	5477
	89%	89%	91%	90%	23%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-023678	ACIS-023678	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	287.423617	287.4507557178489	Alternating exposures requested	N	N
Pointing Dec	16.537700	16.53101606374948	Primary exposure time	0.000000	3.2
Pointing Roll	313.999321	314.1482111931825			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	186073264.184000	186072887.95774			
Observation start date	2003-11-24T15:00:00	2003-11-24T14:54:47			
Observation end time	186074554.184000	186074687.85782			
Observation end date	2003-11-24T15:21:30	2003-11-24T15:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



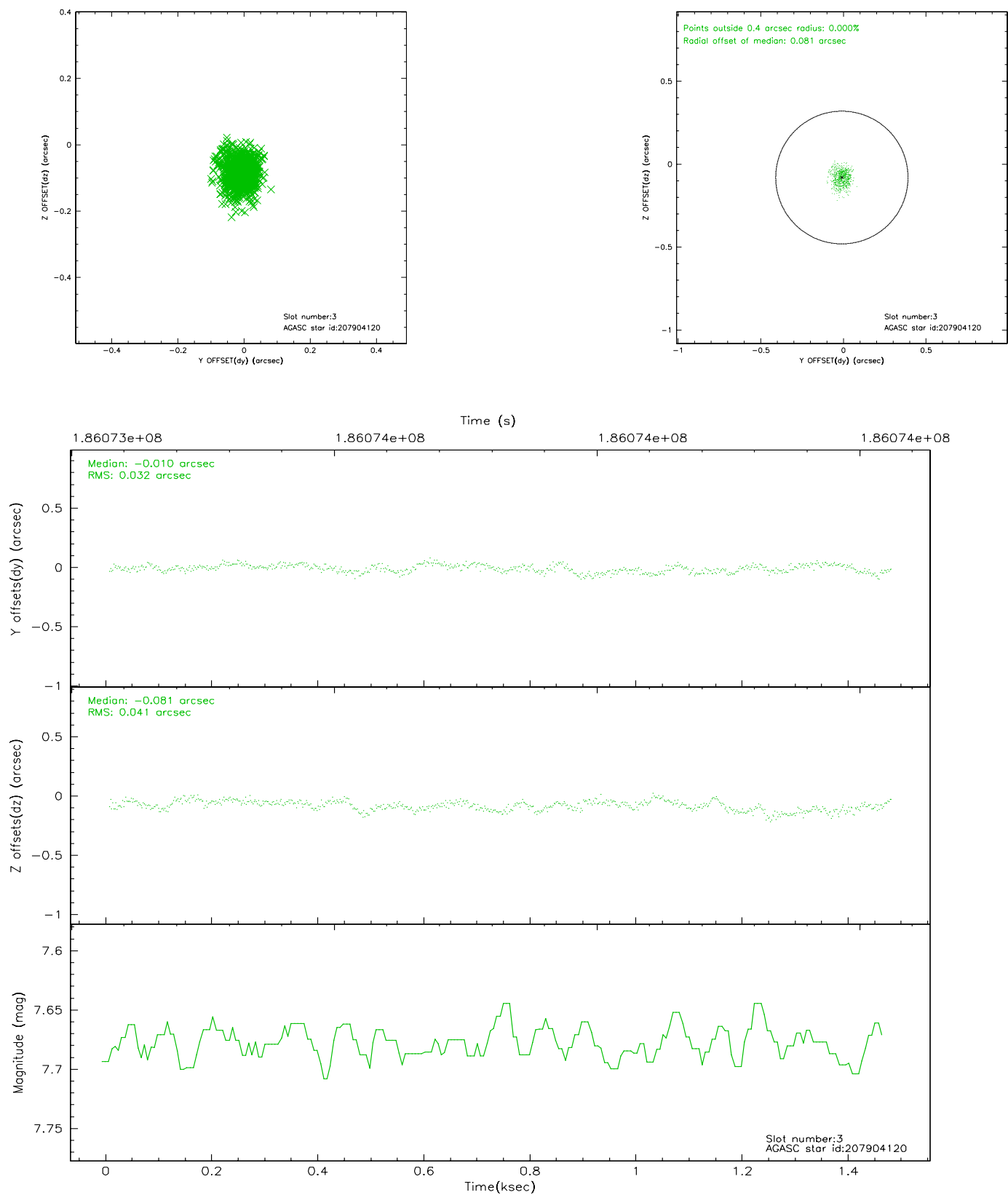


Slot Statistics

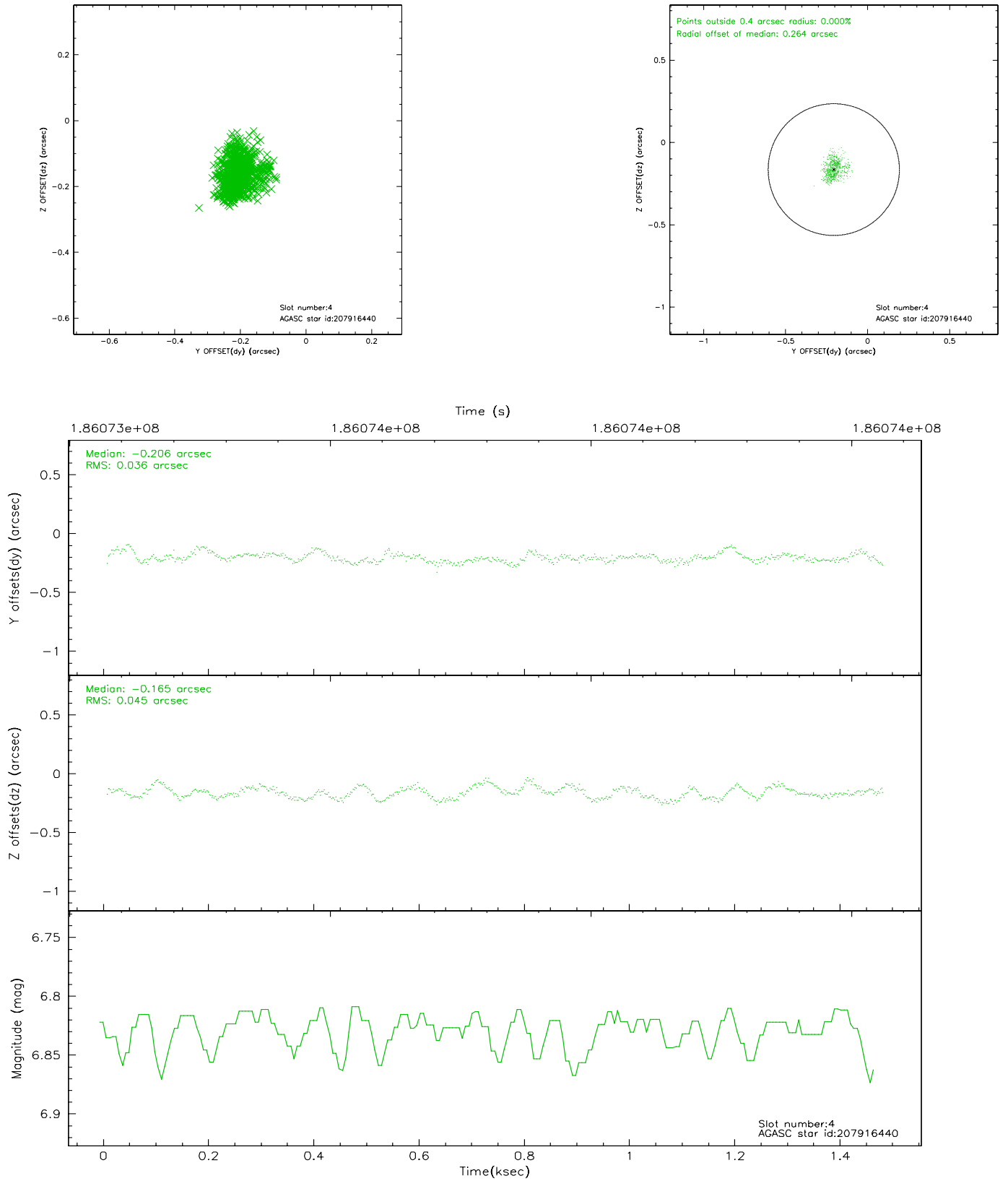
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	360	0.027	-0.043	0.008	0.013	0.000000	0.000000	935.59	-1728.91
1	FID	ACIS-S-4	7.20	360	-0.013	0.021	0.006	0.011	0.000000	0.000000	2155.50	170.65
2	FID	ACIS-S-5	7.23	360	-0.041	0.035	0.005	0.010	0.000000	0.000000	-1807.53	169.43
3	GUIDE	207904120	7.68	720	-0.010	-0.081	0.054	0.089	286.904195	16.289988	-604.93	-1909.16
4	GUIDE	207916440	6.83	720	-0.206	-0.165	0.063	0.097	287.167522	16.851310	-1424.40	146.60
5	GUIDE	208416976	8.34	720	-0.084	0.062	0.052	0.083	287.326965	17.073967	-1620.05	1101.71
6	GUIDE	208421840	9.22	720	0.124	0.116	0.078	0.117	287.570311	16.918850	-636.52	1318.29
7	GUIDE	209596088	9.37	718	0.178	0.073	0.089	0.145	288.150718	16.305149	2345.25	1230.88

2.4 Star Slots

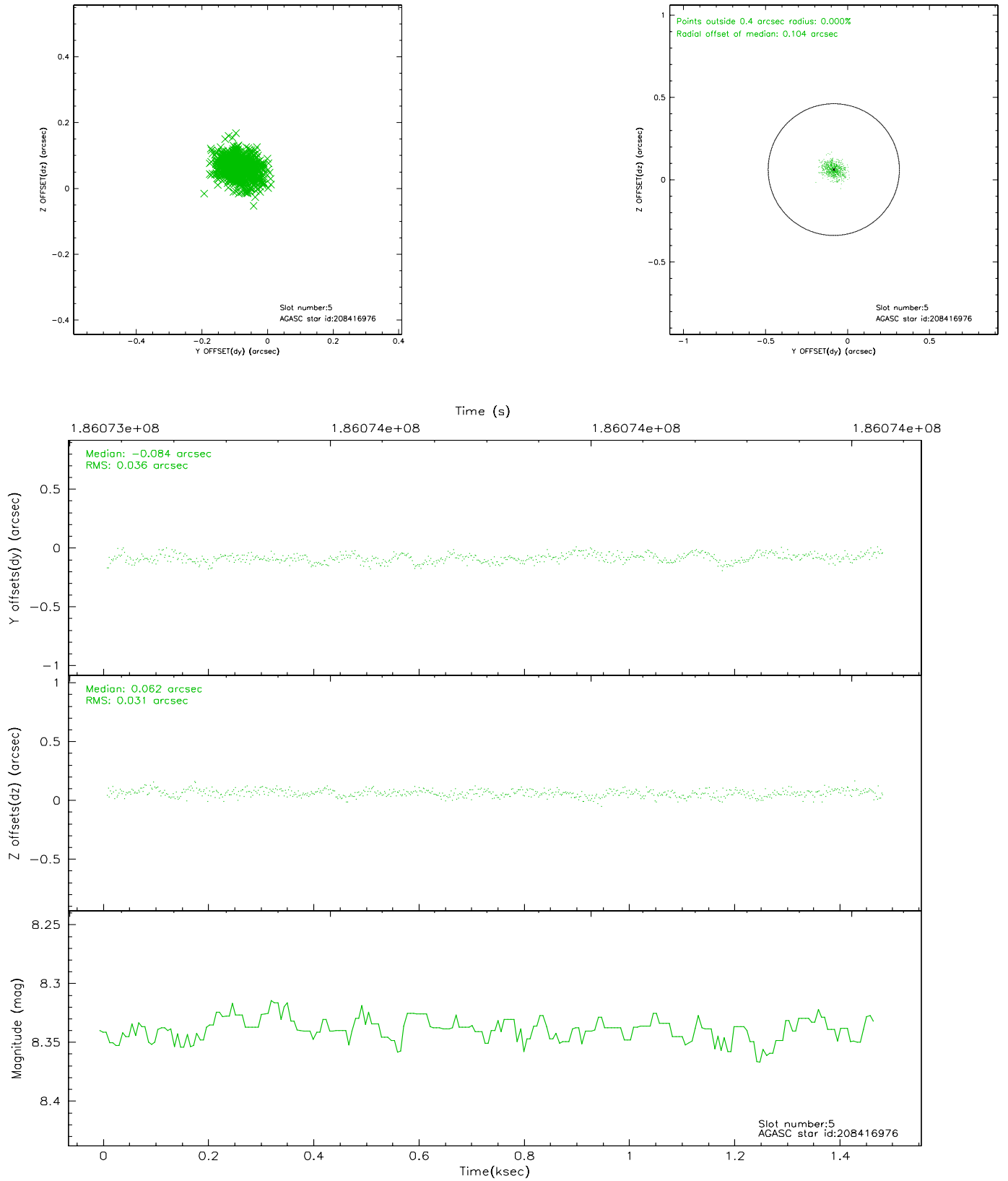
2.4.1 Slot 3



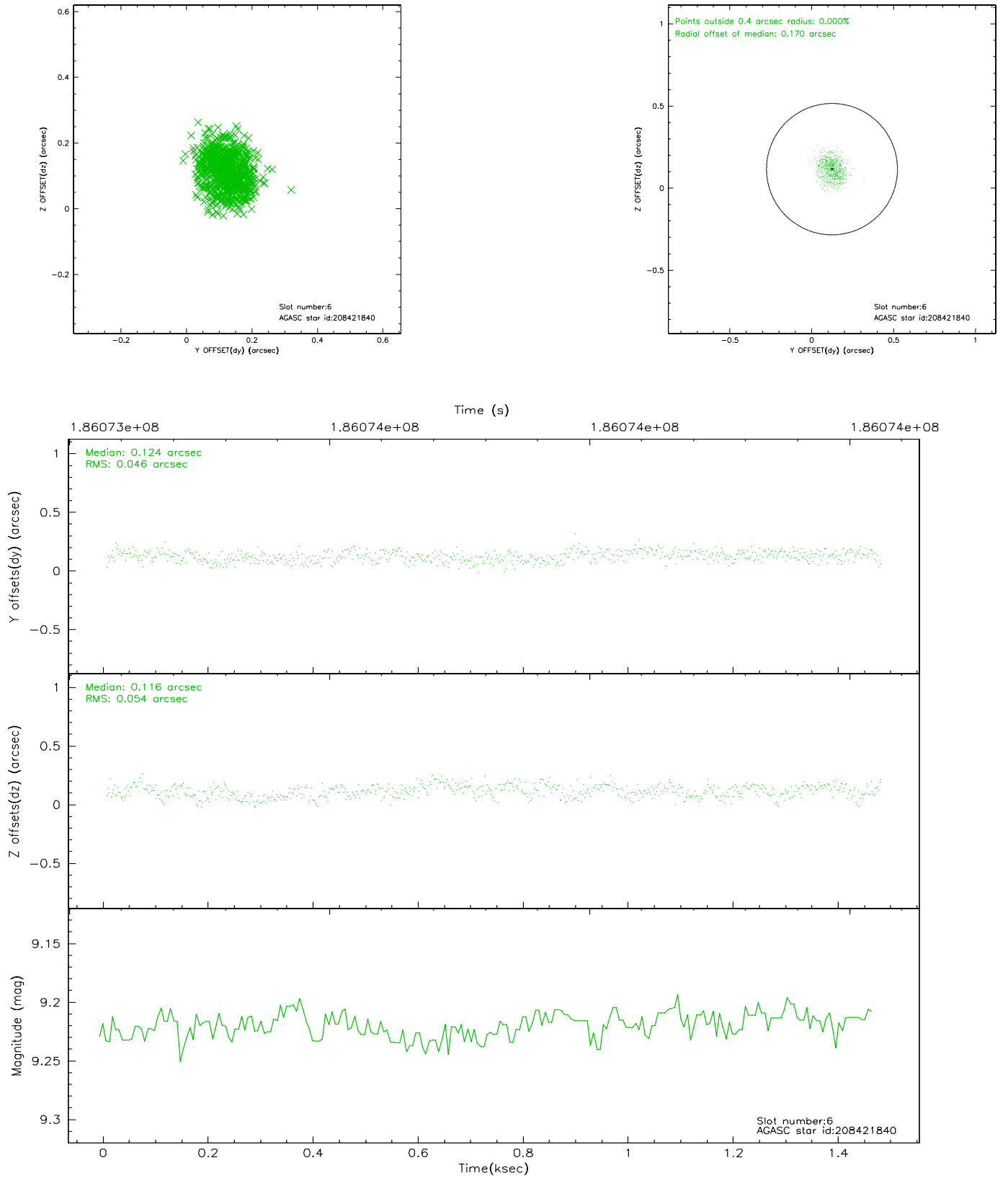
2.4.2 Slot 4



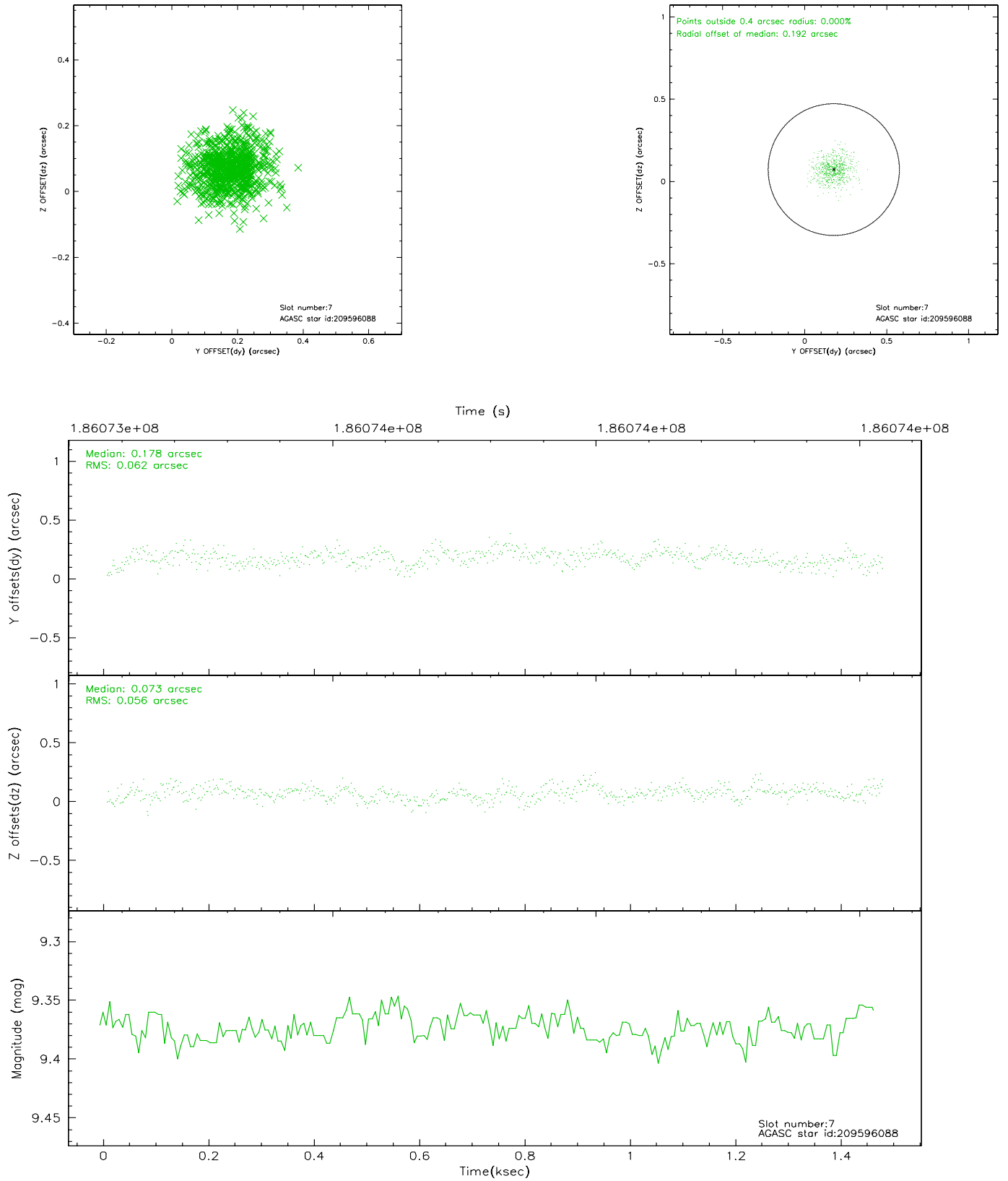
2.4.3 Slot 5



2.4.4 Slot 6

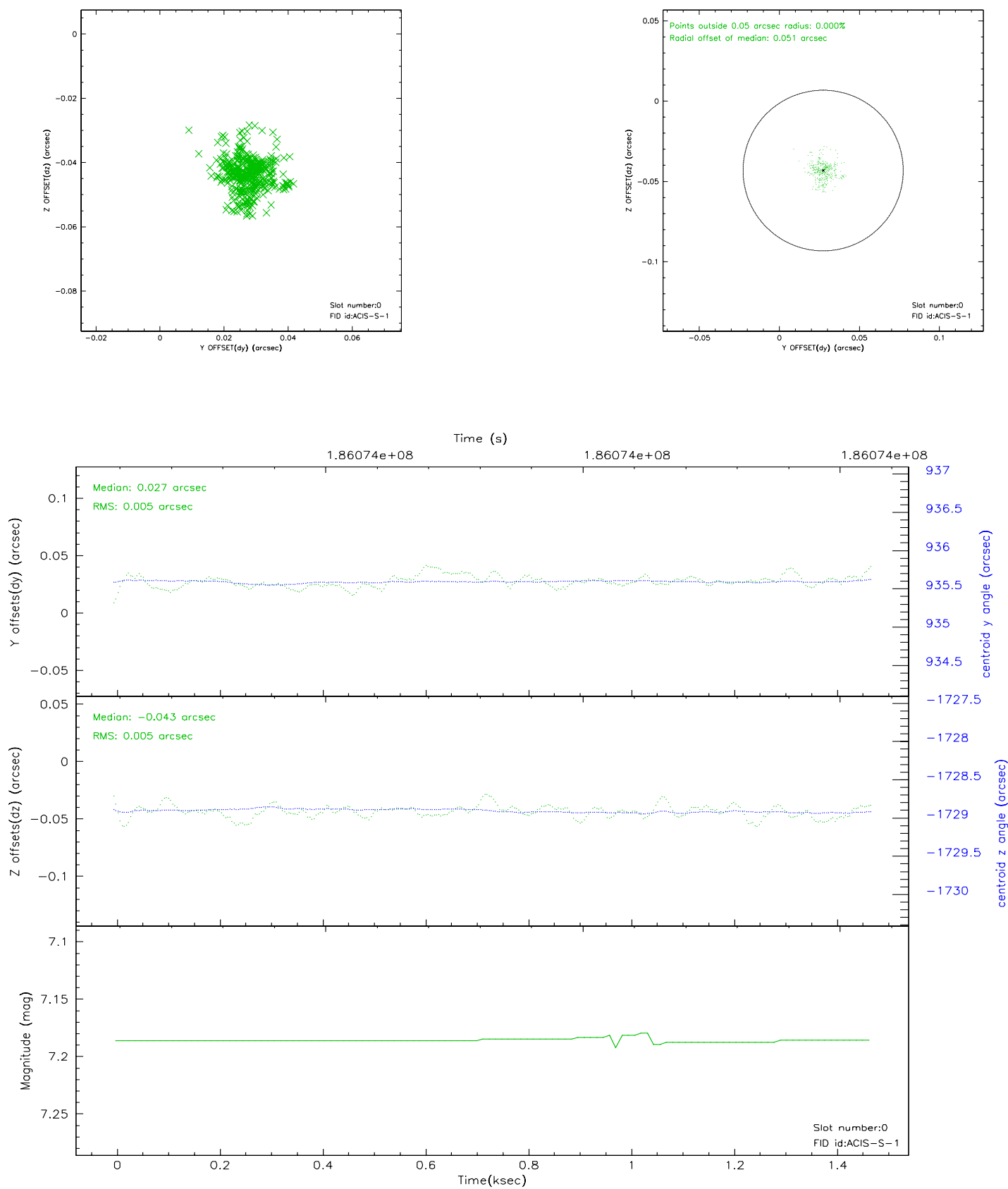


2.4.5 Slot 7

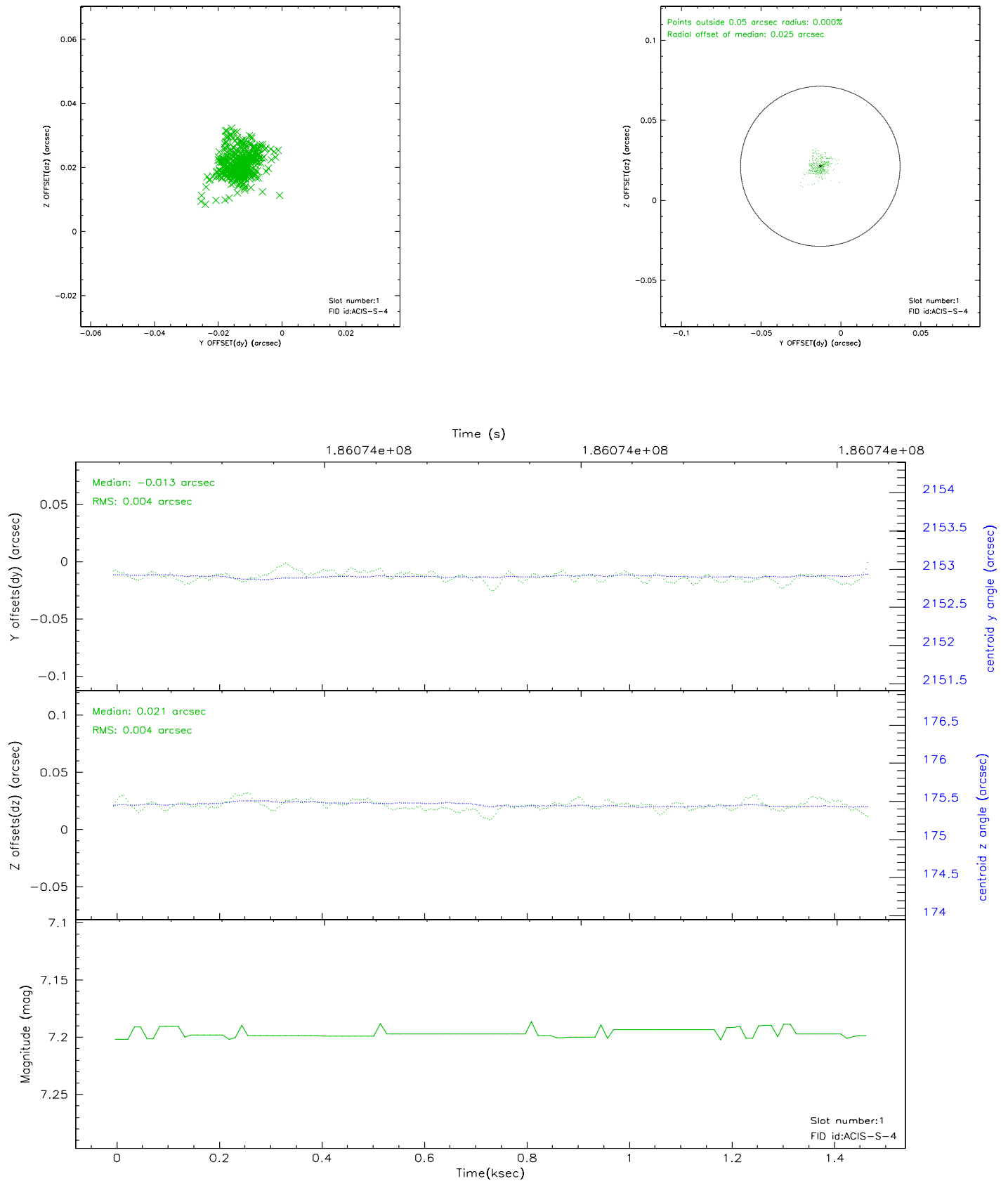


2.5 FID Slots

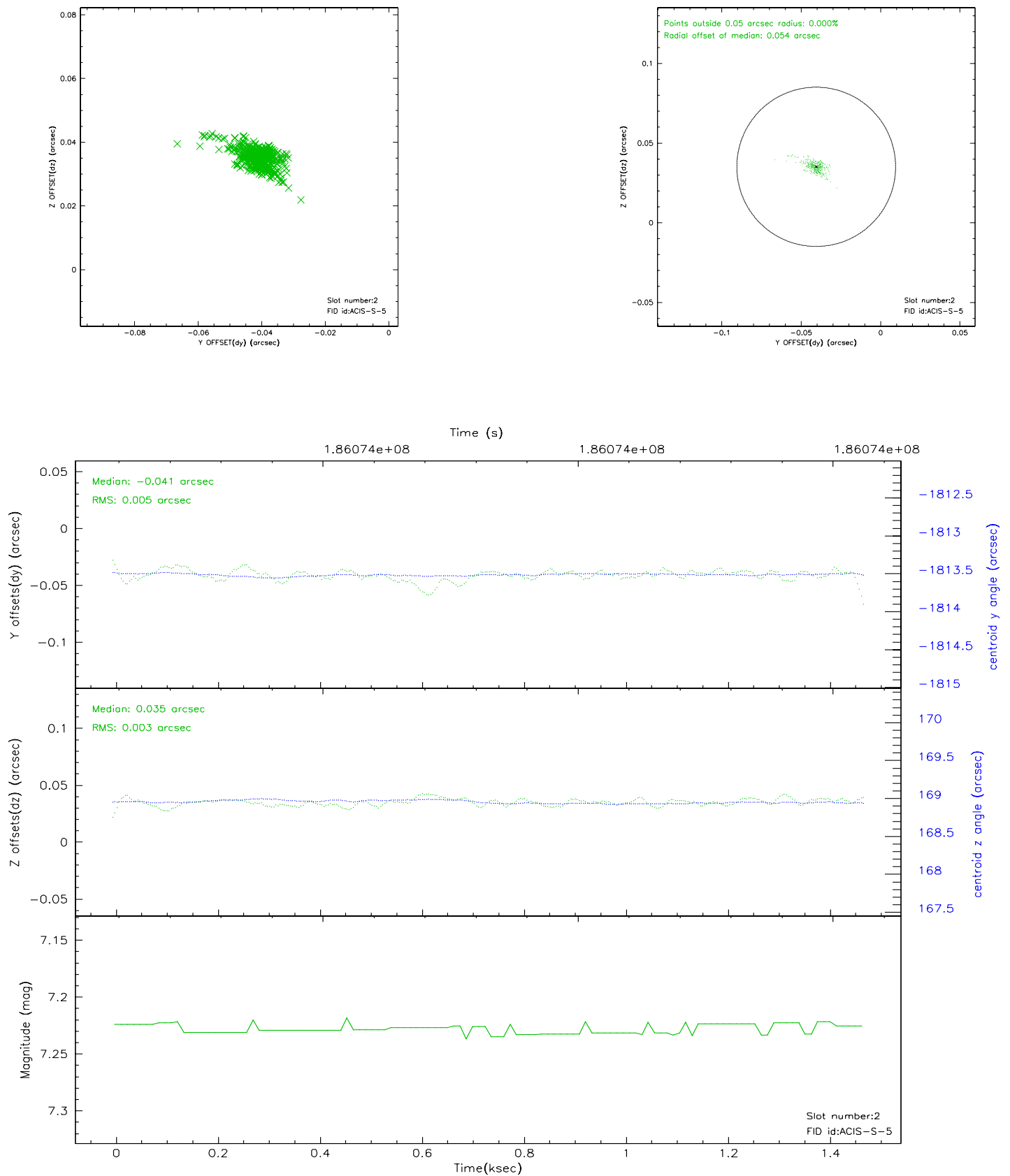
2.5.1 Slot 0



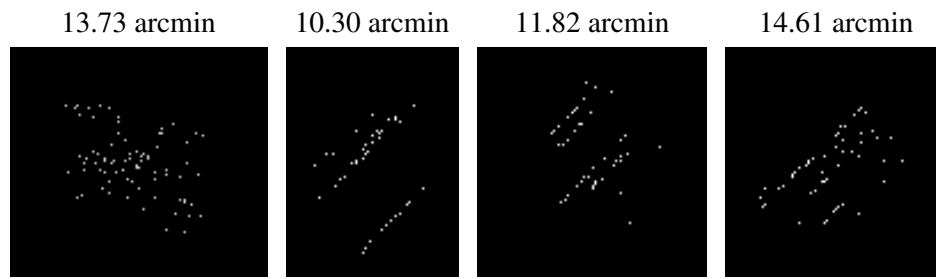
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.471

A.2 Comments