

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5281 - L2 Version 001
Chandra X-Ray Center

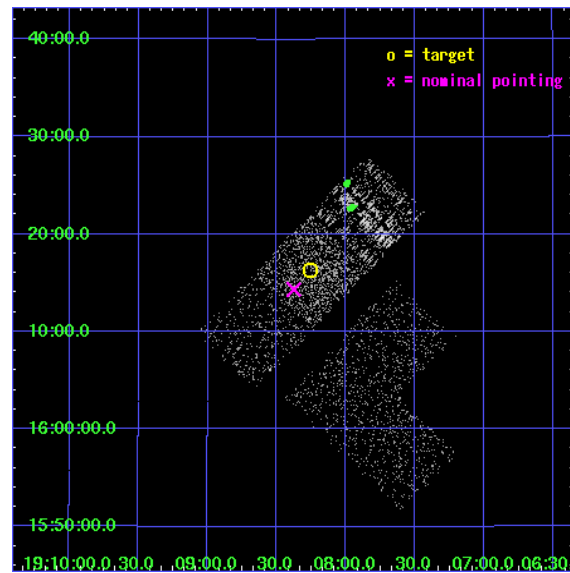
L2 Processing Date : Jun 26 2006

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1 Front

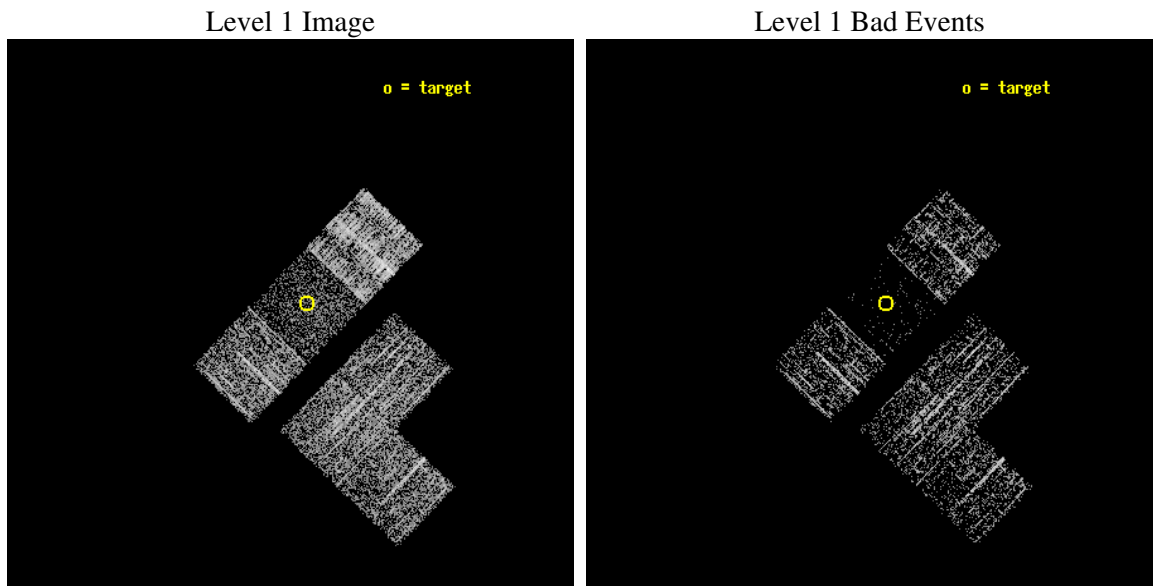
seq_num	100051
obs_id	5281
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.06439
dec_targ	16.27104
ra_nom	287.09420852748
dec_nom	16.239115168353
roll_nom	314.1482813595
revision	2
ontime	1974.3999926448
livetime	1949.398951097
ontime0	1974.3999926448
ontime2	1974.3999926448
ontime3	1974.3999926448
ontime6	1974.3999926448
ontime7	1974.3999926448
ontime8	1974.3999926448
l2events	5247



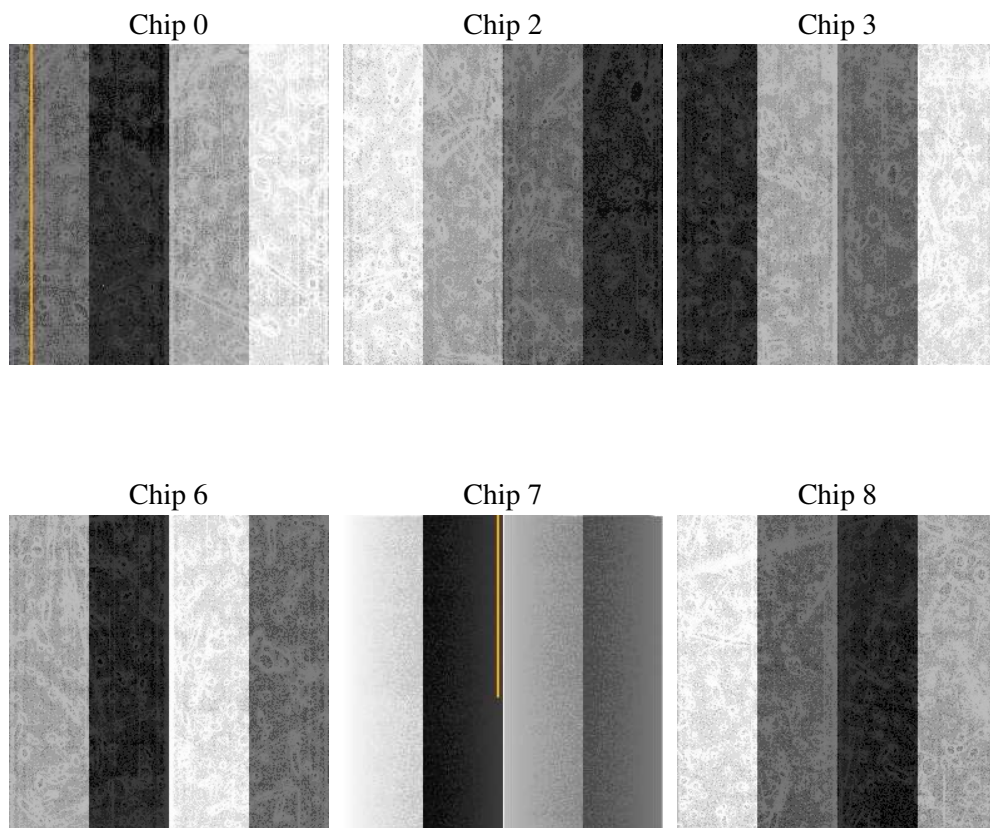
2 OBI

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	2006-06-26T20:51:14
revision	2

sched_exp_time	1800.000000
ontime	2174.7120840549
ontime0	2174.7120840549
ontime2	2174.7120641768
ontime3	2174.7120840549
ontime6	2174.7120641768
ontime7	2174.7120840549
ontime8	2174.7120840549
l1events	47129

2.1.4 Events

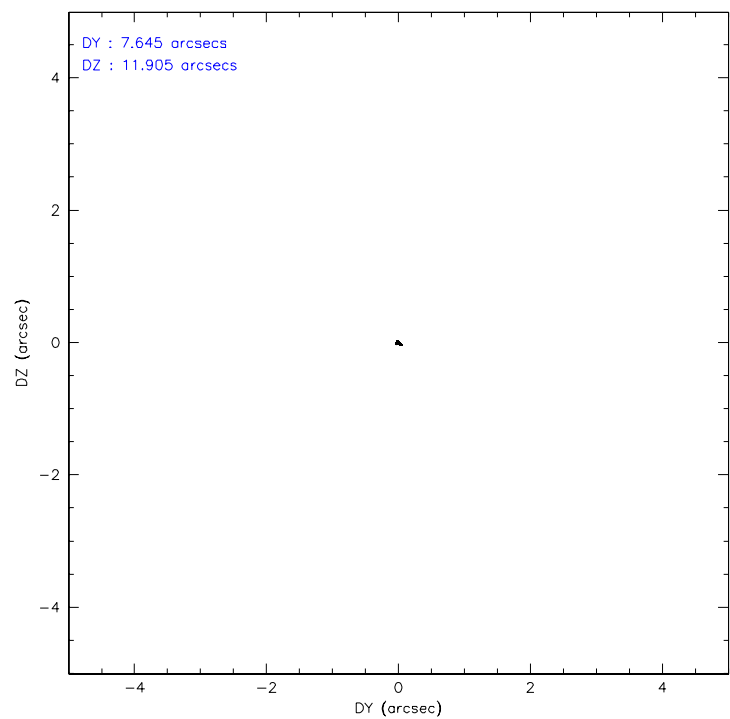
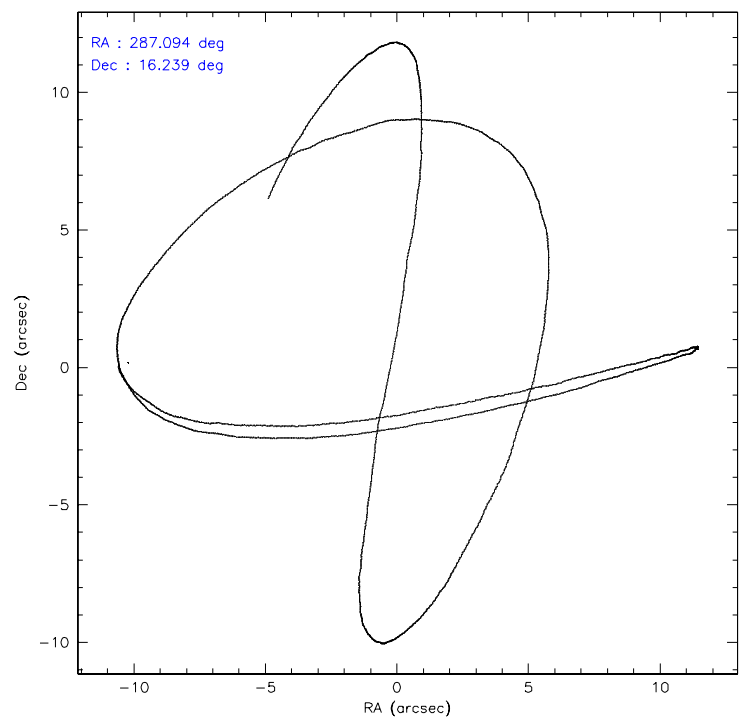
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6578	7976	7479	8014	2605	14477
rejected events	5949	7249	6999	7346	1034	8234
rejected %	90%	90%	93%	91%	39%	56%

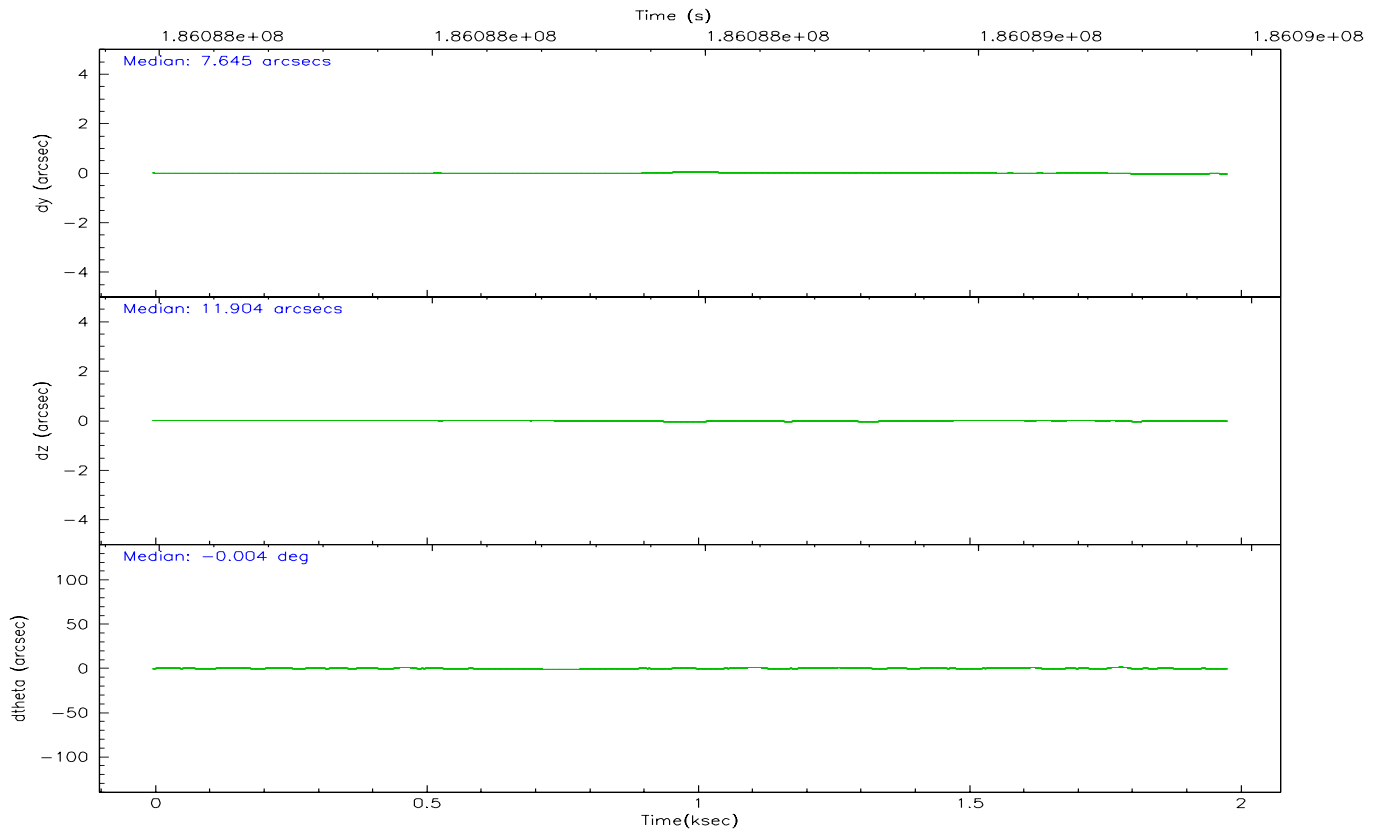
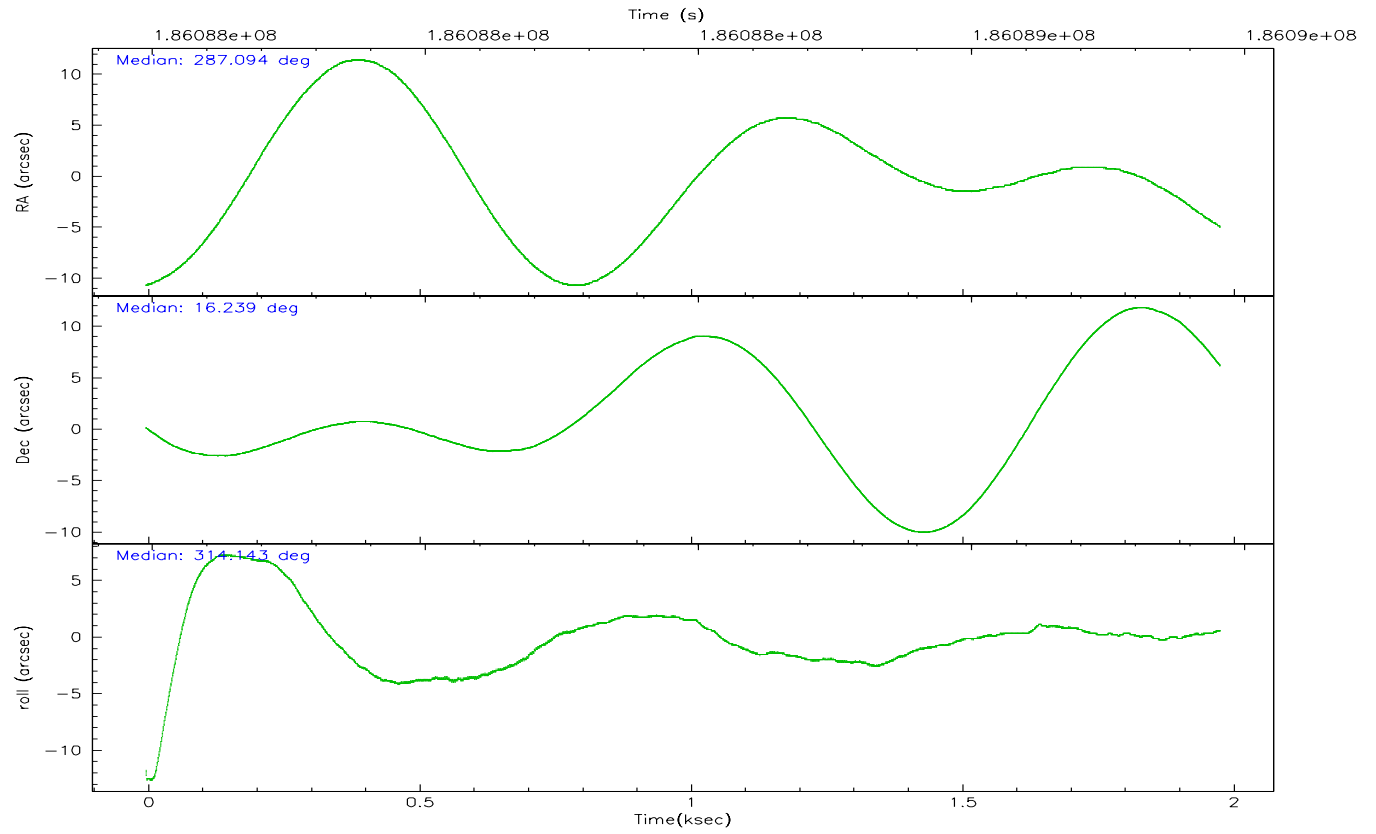
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	296	405	245	349	332	2125
	4%	5%	3%	4%	12%	14%
grade 1 events	3	6	1	1	8	17
	0%	0%	0%	0%	0%	0%
grade 2 events	197	200	90	198	505	1078
	2%	2%	1%	2%	19%	7%
grade 3 events	57	52	63	70	180	1208
	0%	0%	0%	0%	6%	8%
grade 4 events	71	75	64	45	174	1091
	1%	0%	0%	0%	6%	7%
grade 5 events	60	48	66	72	188	176
	0%	0%	0%	0%	7%	1%
grade 6 events	76	80	60	79	543	1497
	1%	1%	0%	0%	20%	10%
grade 7 events	5818	7110	6890	7200	675	7285
	88%	89%	92%	89%	25%	50%

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	287.066758	287.0942085274809	Alternating exposures requested	N	N
Pointing Dec	16.246134	16.23911516835268	Primary exposure time	0.000000	3.2
Pointing Roll	313.999334	314.1482813594988			
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	186087664.184000	186087287.67087			
Observation start date	2003-11-24T19:00:00	2003-11-24T18:54:47			
Observation end time	186089464.184000	186089787.13348			
Observation end date	2003-11-24T19:30:00	2003-11-24T19:36:27			
Read mode	TIMED	TIMED			

2.3 Aspect



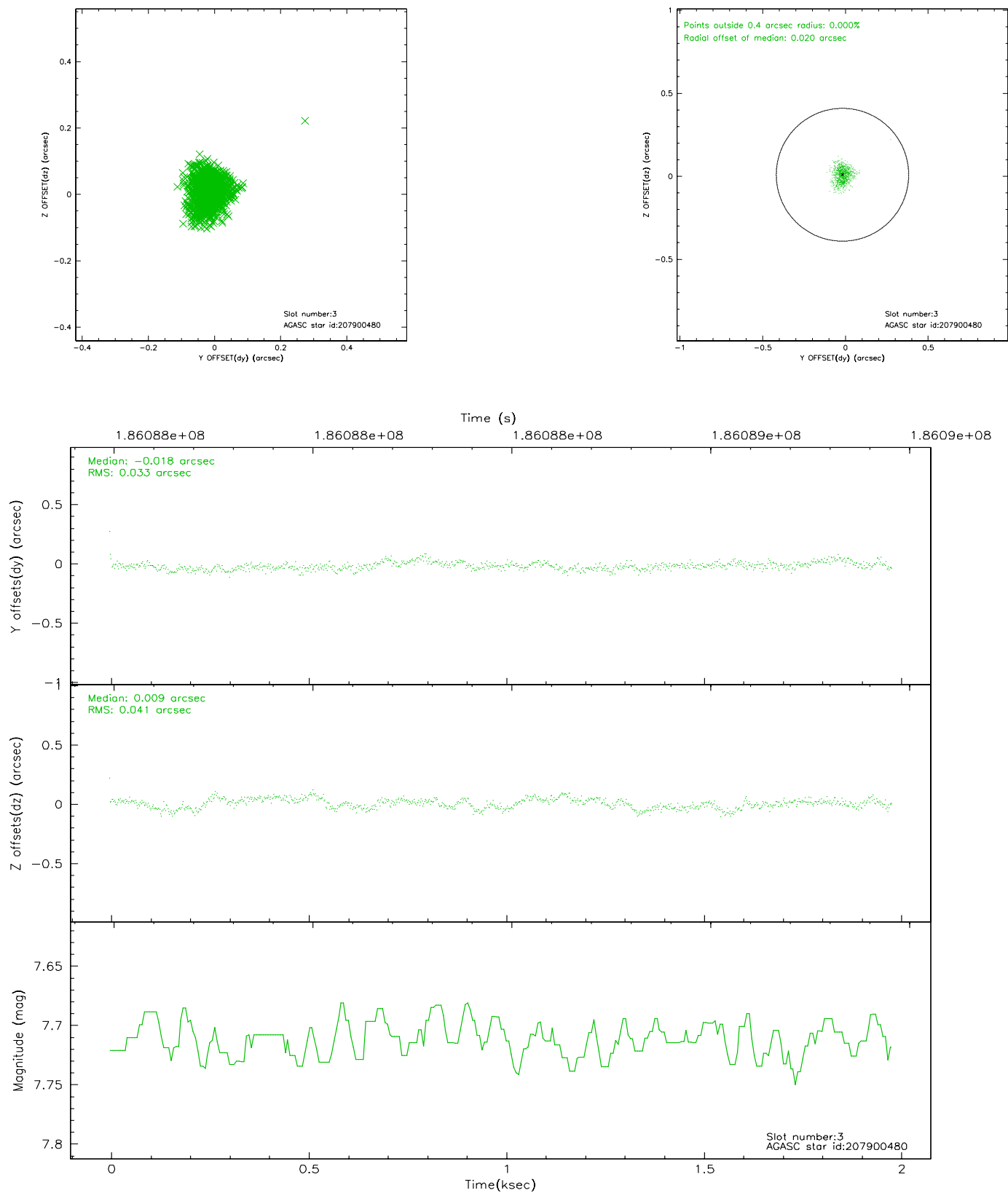


Slot Statistics

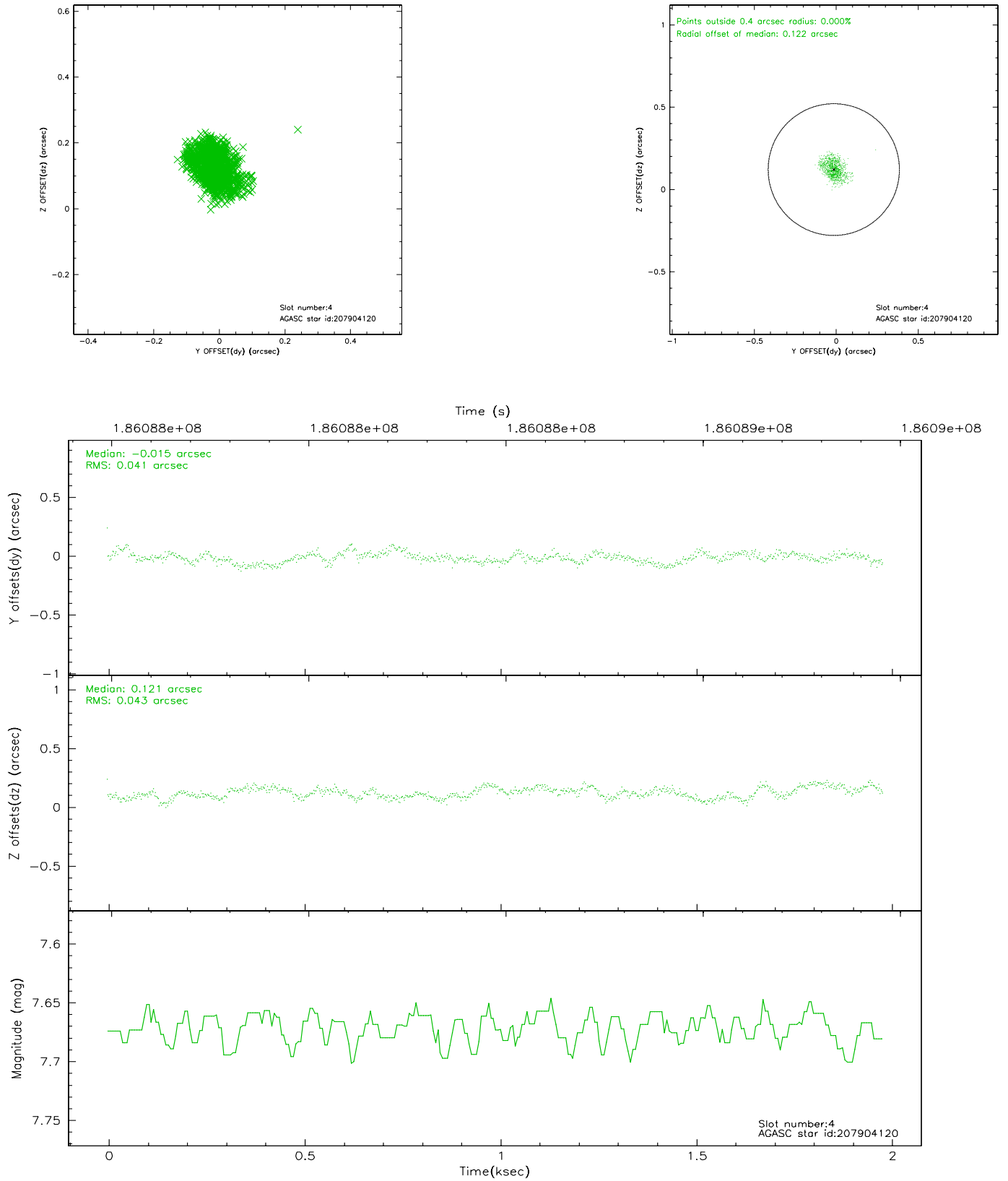
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	7.19	483	0.018	-0.002	0.005	0.010	0.000000	0.000000	2152.95	175.45
1	FID	ACIS-S-5	7.23	484	-0.004	0.011	0.005	0.012	0.000000	0.000000	-1809.01	169.31
2	FID	ACIS-S-6	7.34	483	-0.044	0.005	0.007	0.011	0.000000	0.000000	397.58	813.02
3	GUIDE	207900480	7.71	967	-0.018	0.009	0.054	0.089	286.932282	16.070409	132.12	-774.07
4	GUIDE	207904120	7.67	967	-0.015	0.121	0.064	0.099	286.904195	16.289988	-503.50	-295.17
5	GUIDE	207909176	8.42	967	-0.009	-0.106	0.053	0.087	287.357845	16.116738	1033.61	400.68
6	GUIDE	207916440	6.85	967	-0.147	-0.013	0.063	0.096	287.167522	16.851310	-1324.87	1762.95
7	GUIDE	207907984	9.34	963	0.191	-0.022	0.109	0.166	287.467981	15.973007	1670.00	318.64

2.4 Star Slots

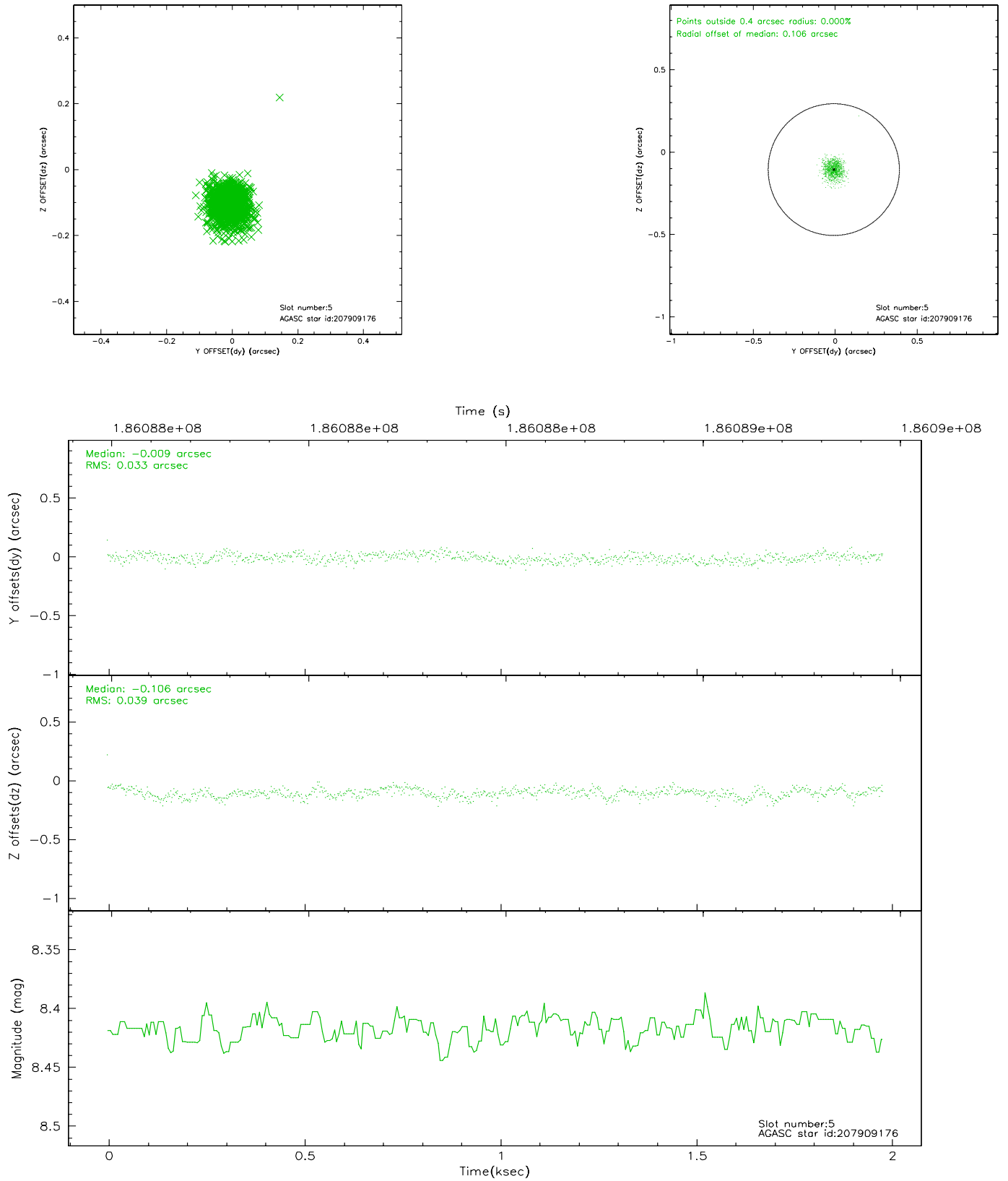
2.4.1 Slot 3



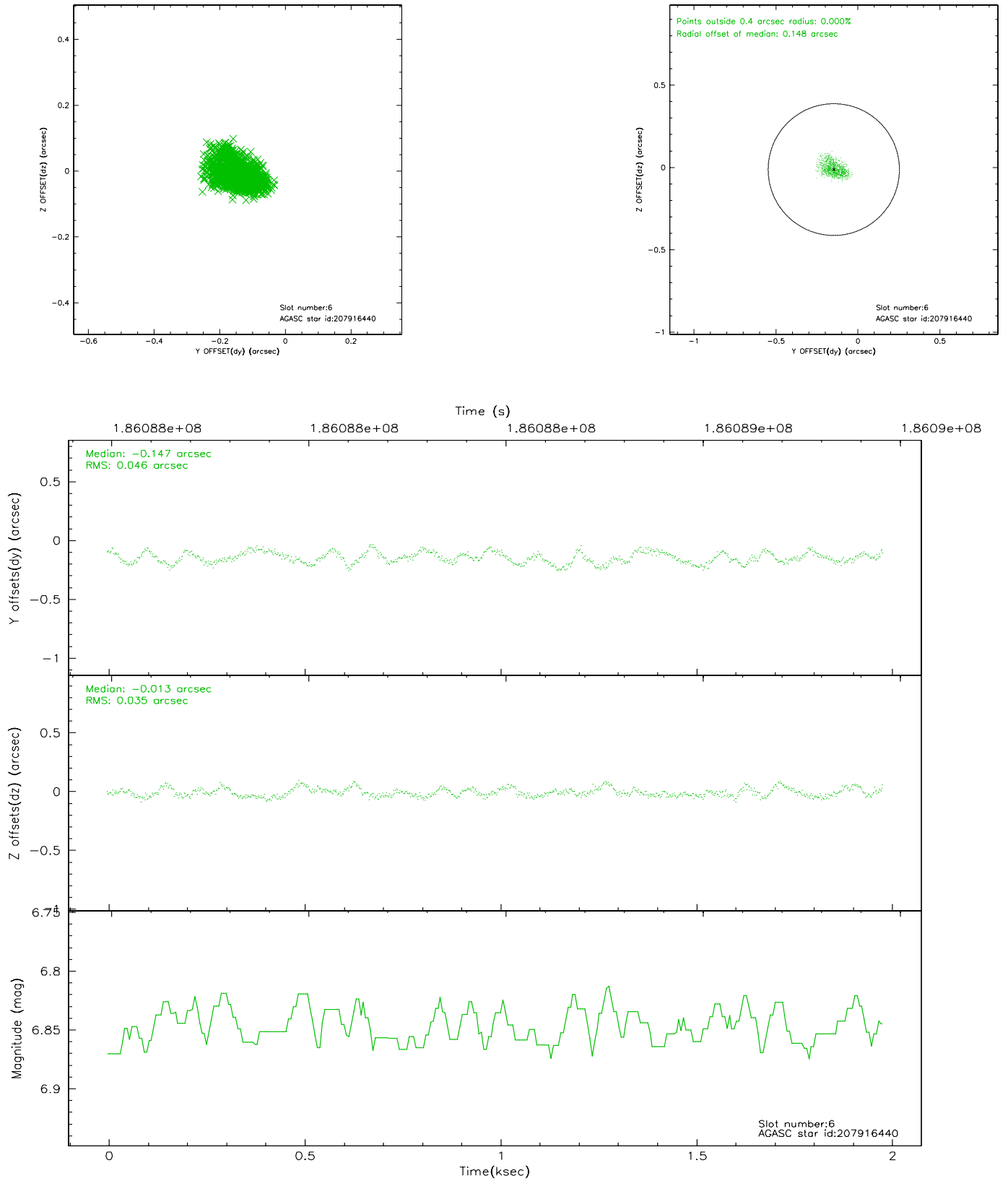
2.4.2 Slot 4



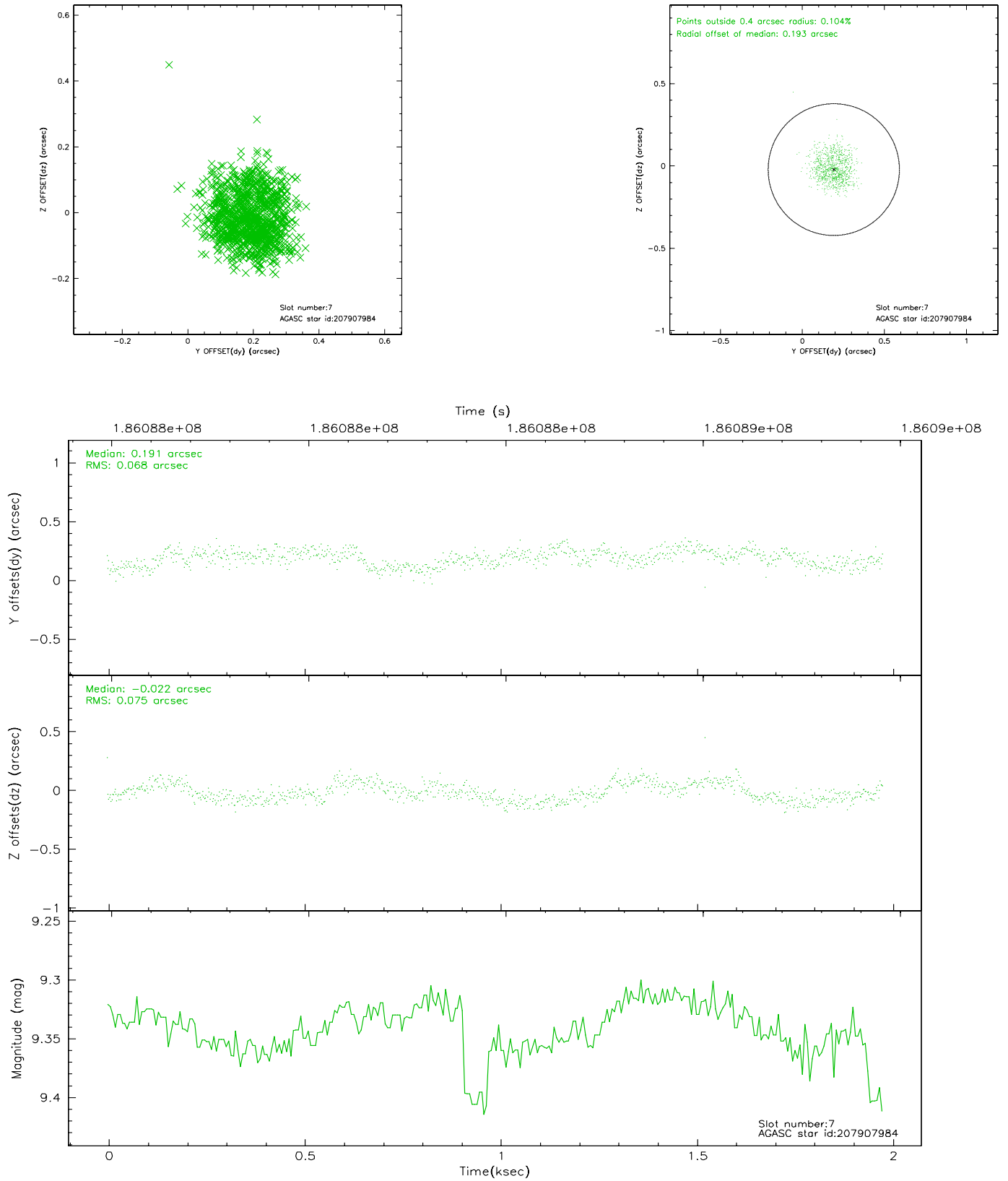
2.4.3 Slot 5



2.4.4 Slot 6

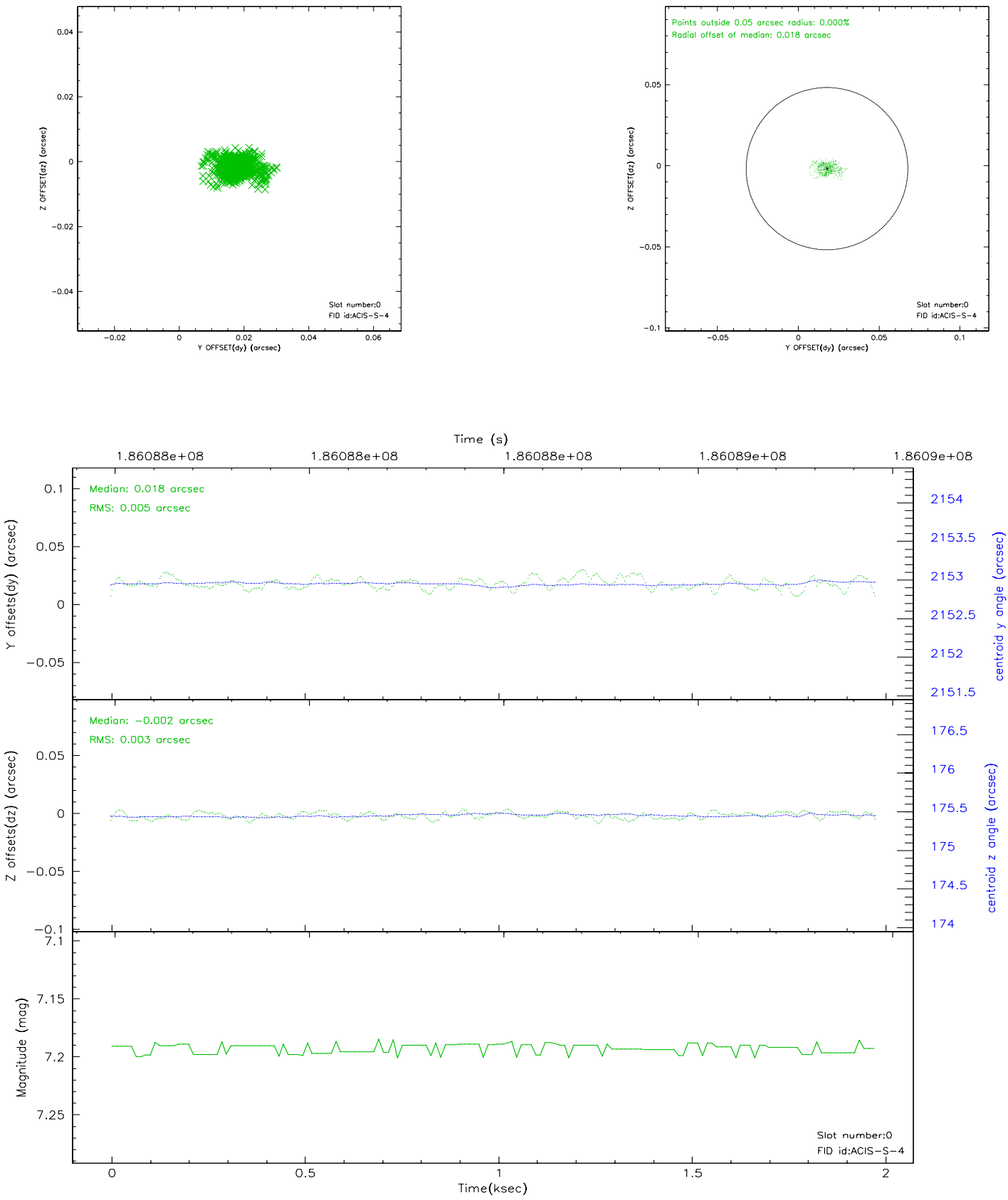


2.4.5 Slot 7

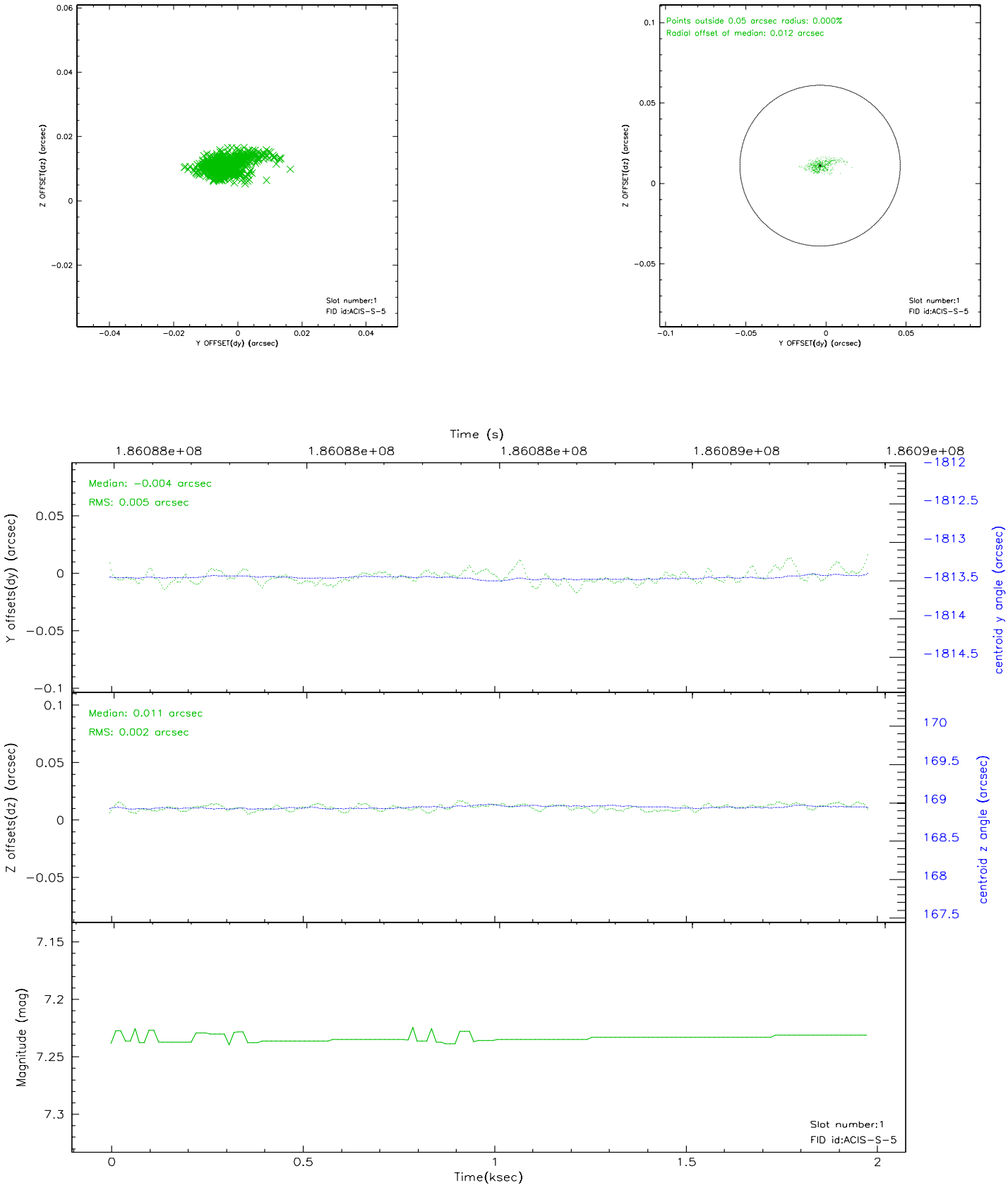


2.5 FID Slots

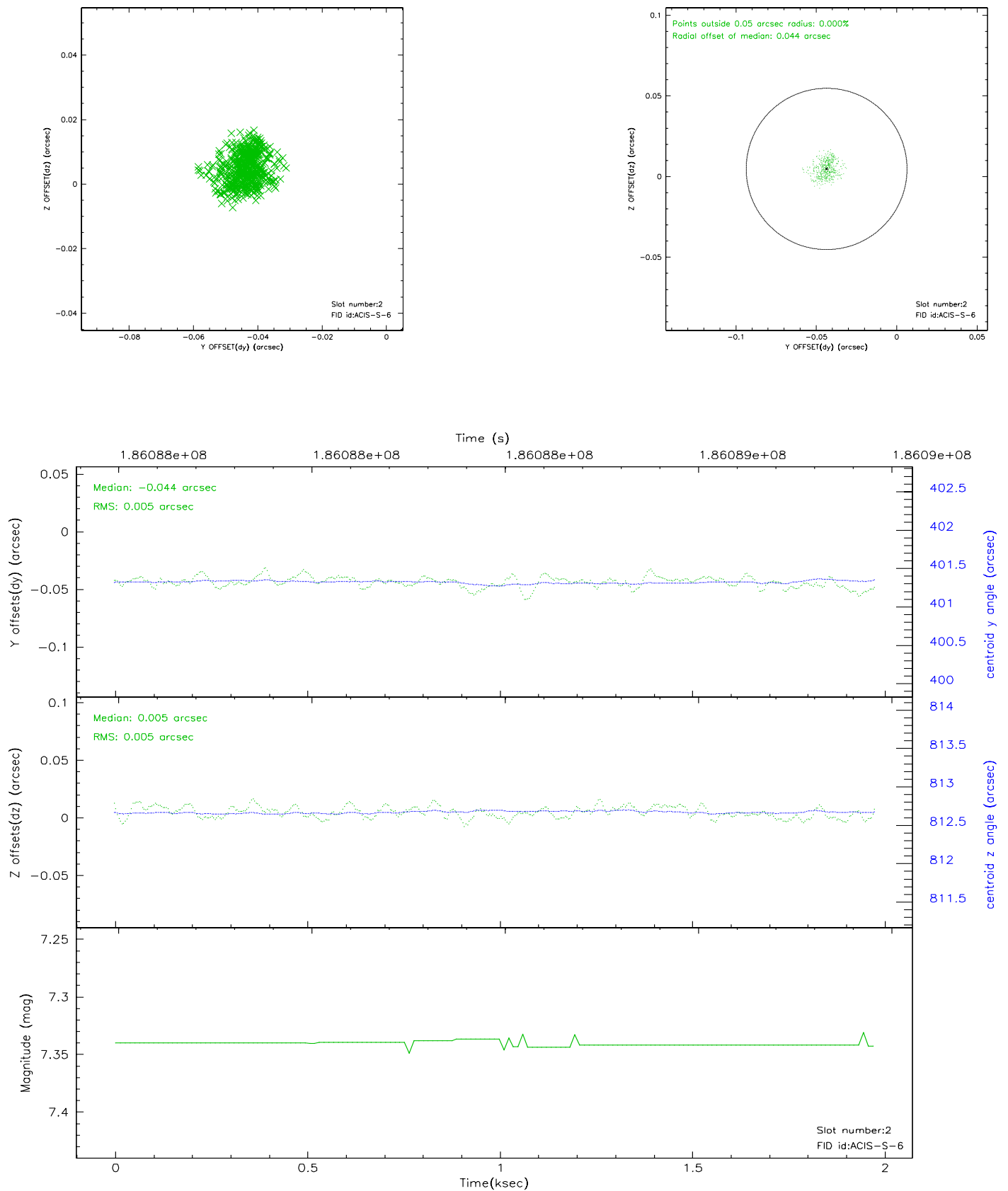
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

10.29 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.974

A.2 Comments