

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5275 - L2 Version 001
Chandra X-Ray Center

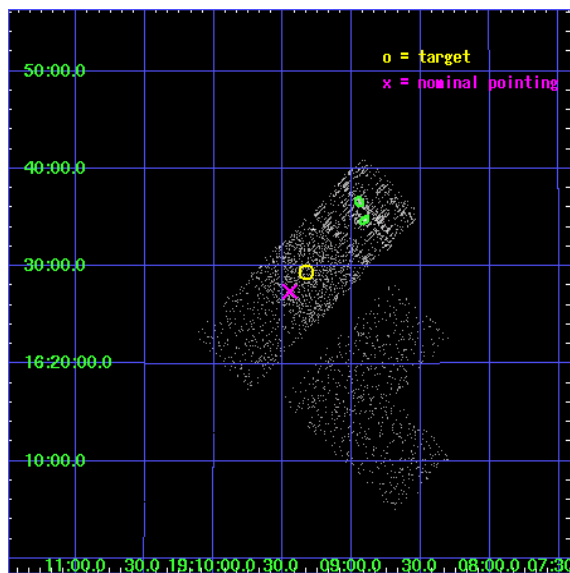
L2 Processing Date : Jun 26 2006

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1 Front

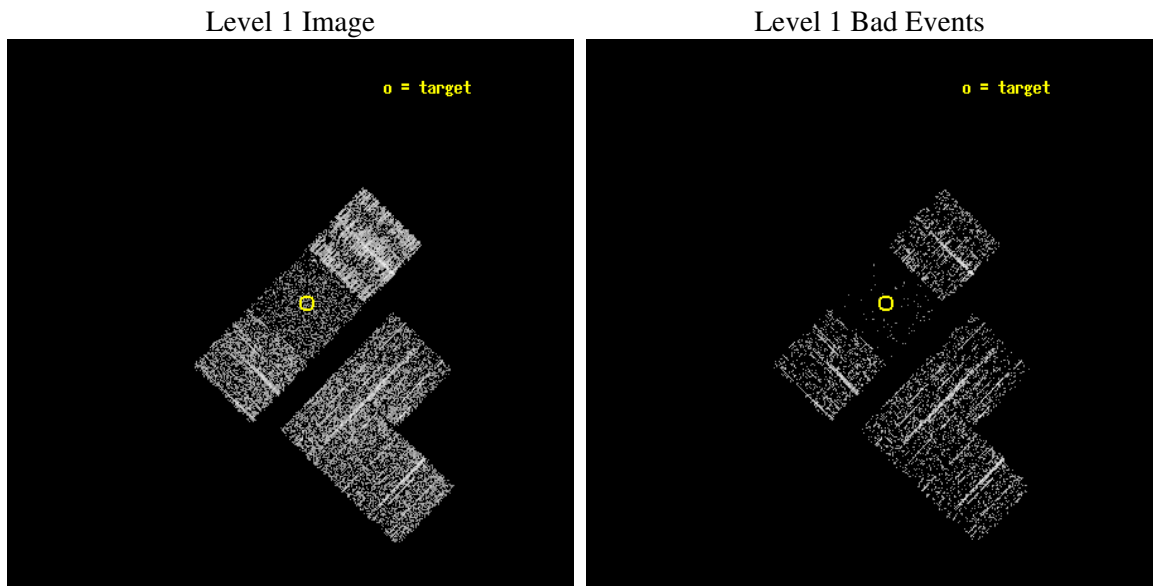
seq_num	100051
obs_id	5275
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.33218
dec_targ	16.4893
ra_nom	287.36230719784
dec_nom	16.457017583712
roll_nom	314.14809112707
revision	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	3932



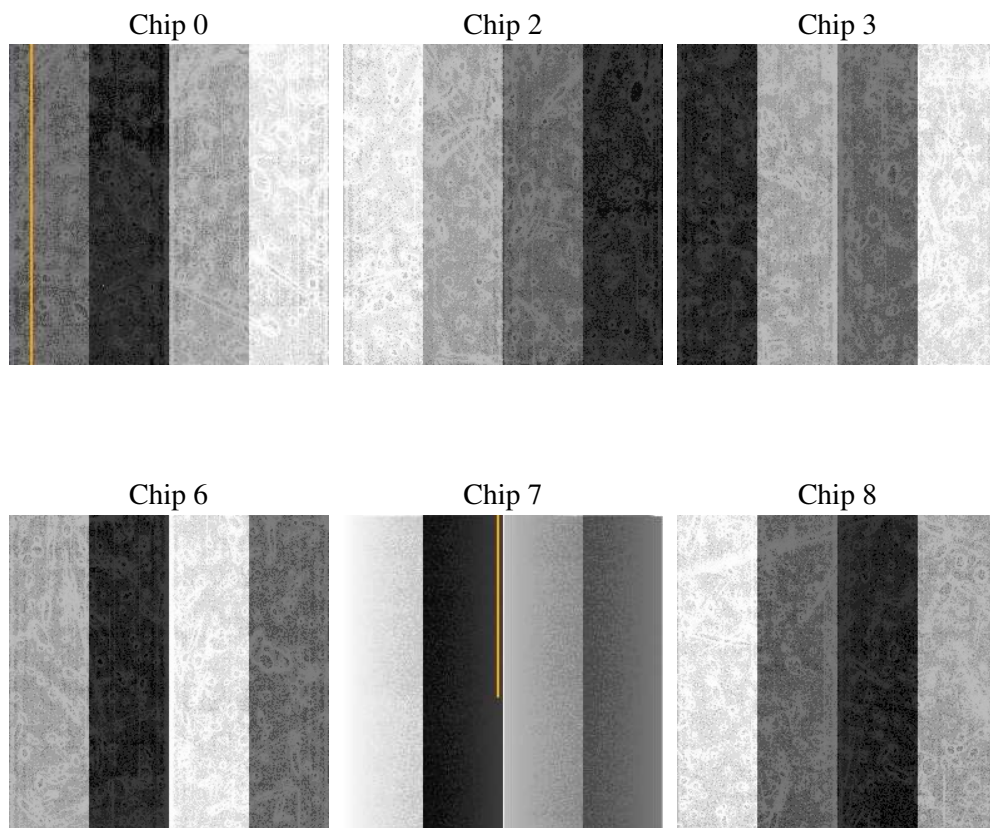
2 OBI

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	2006-06-26T19:55:16
revision	2

sched_exp_time	1290.000000
ontime	1798.7556578219
ontime0	1798.7556578219
ontime2	1798.7556578219
ontime3	1798.7556578219
ontime6	1798.7556578219
ontime7	1798.7556578219
ontime8	1798.7556578219
l1events	38613

2.1.4 Events

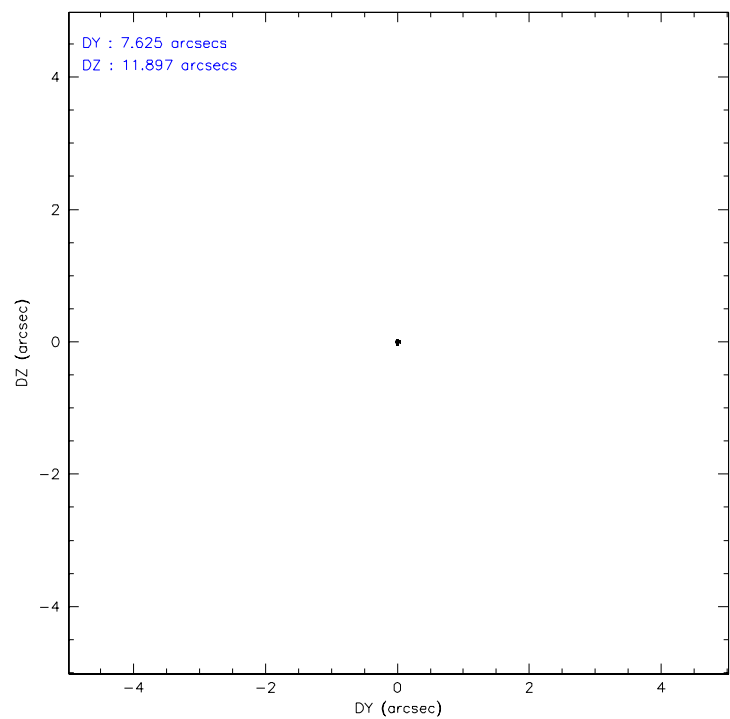
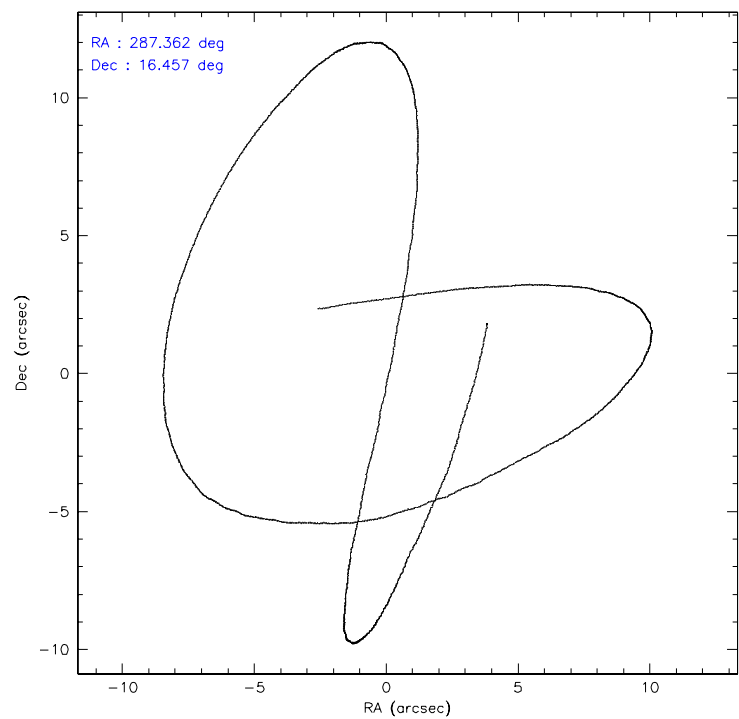
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5790	6528	6327	6175	2115	11678
rejected events	5367	5981	6023	5705	866	6848
rejected %	92%	91%	95%	92%	40%	58%

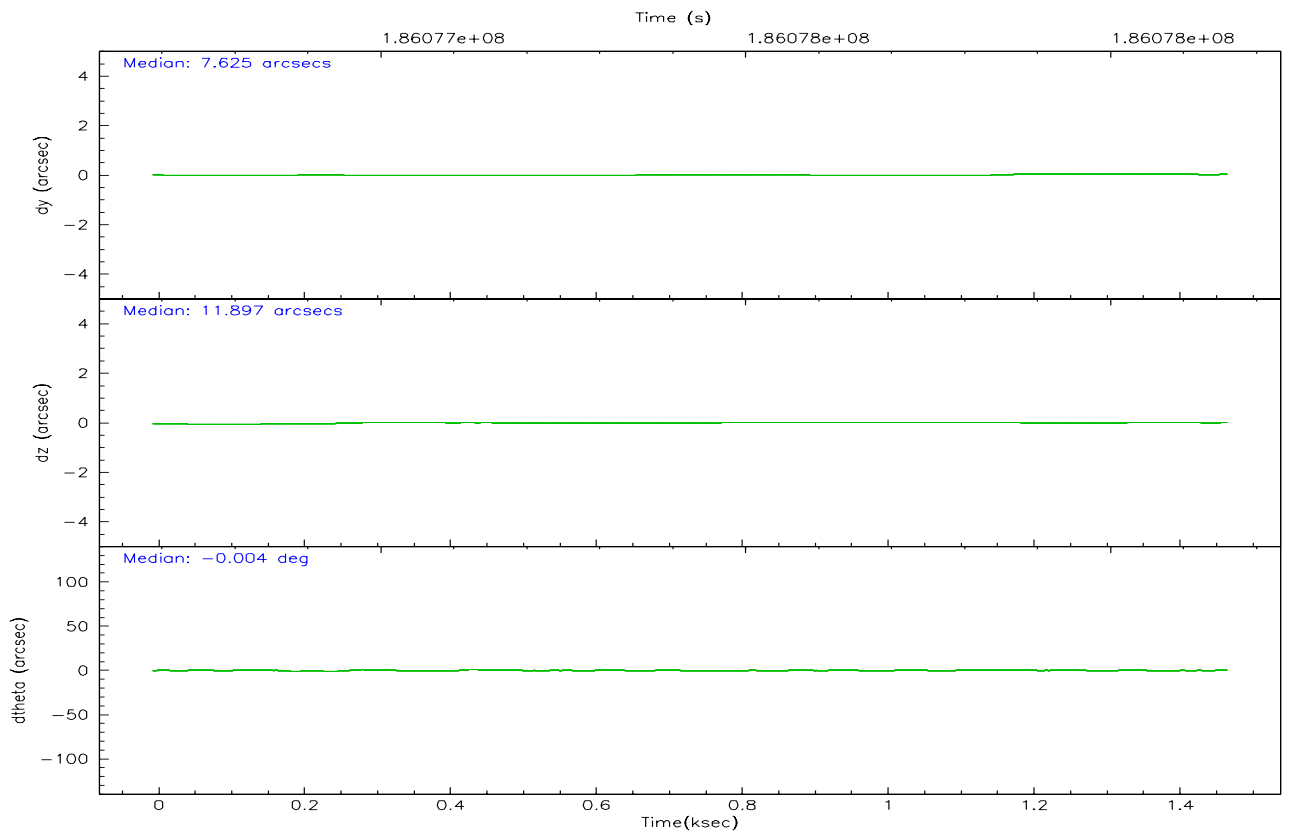
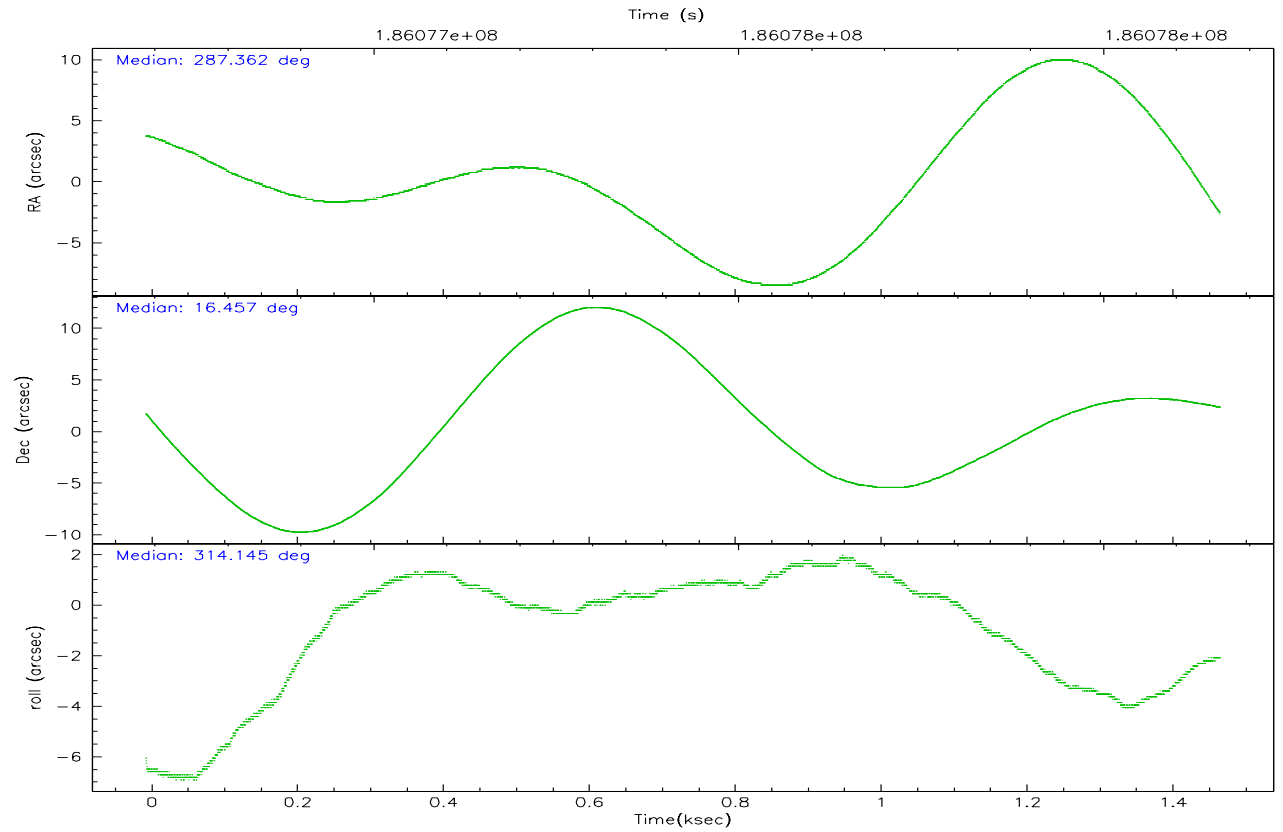
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	237	307	170	282	271	1823
	4%	4%	2%	4%	12%	15%
grade 1 events	6	5	4	2	2	25
	0%	0%	0%	0%	0%	0%
grade 2 events	164	177	82	149	496	956
	2%	2%	1%	2%	23%	8%
grade 3 events	54	52	55	51	162	1001
	0%	0%	0%	0%	7%	8%
grade 4 events	41	70	36	55	155	896
	0%	1%	0%	0%	7%	7%
grade 5 events	50	49	61	43	124	182
	0%	0%	0%	0%	5%	1%
grade 6 events	44	50	47	64	436	1430
	0%	0%	0%	1%	20%	12%
grade 7 events	5194	5818	5872	5529	469	5365
	89%	89%	92%	89%	22%	45%

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	287.334553	287.3623071978433	Alternating exposures requested	N	N
Pointing Dec	16.464381	16.45701758371154	Primary exposure time	0.000000	3.2
Pointing Roll	313.999321	314.148091127067			
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	186076864.184000	186076487.7579			
Observation start date	2003-11-24T16:00:00	2003-11-24T15:54:47			
Observation end time	186078154.184000	186078287.65798			
Observation end date	2003-11-24T16:21:30	2003-11-24T16:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



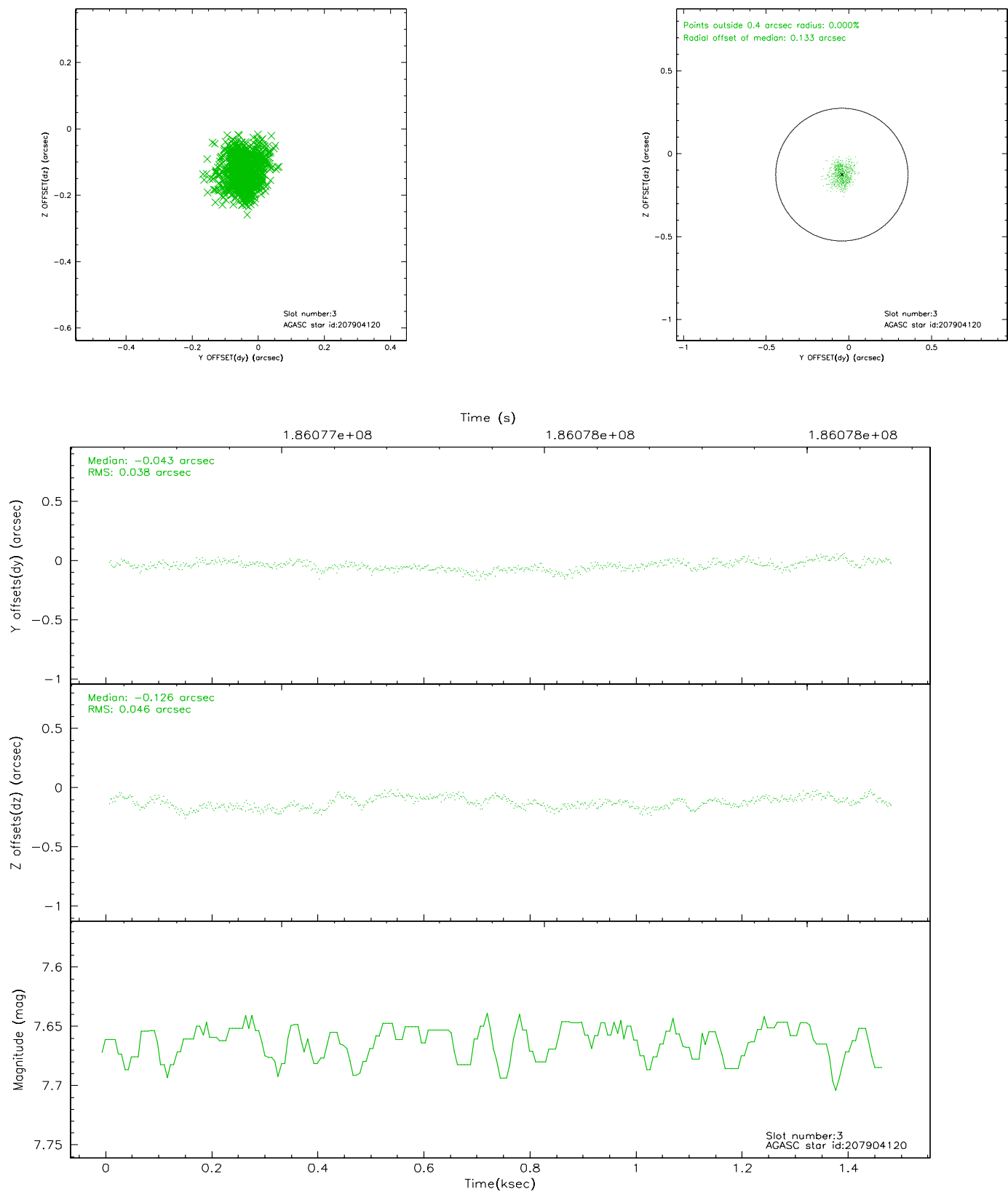


Slot Statistics

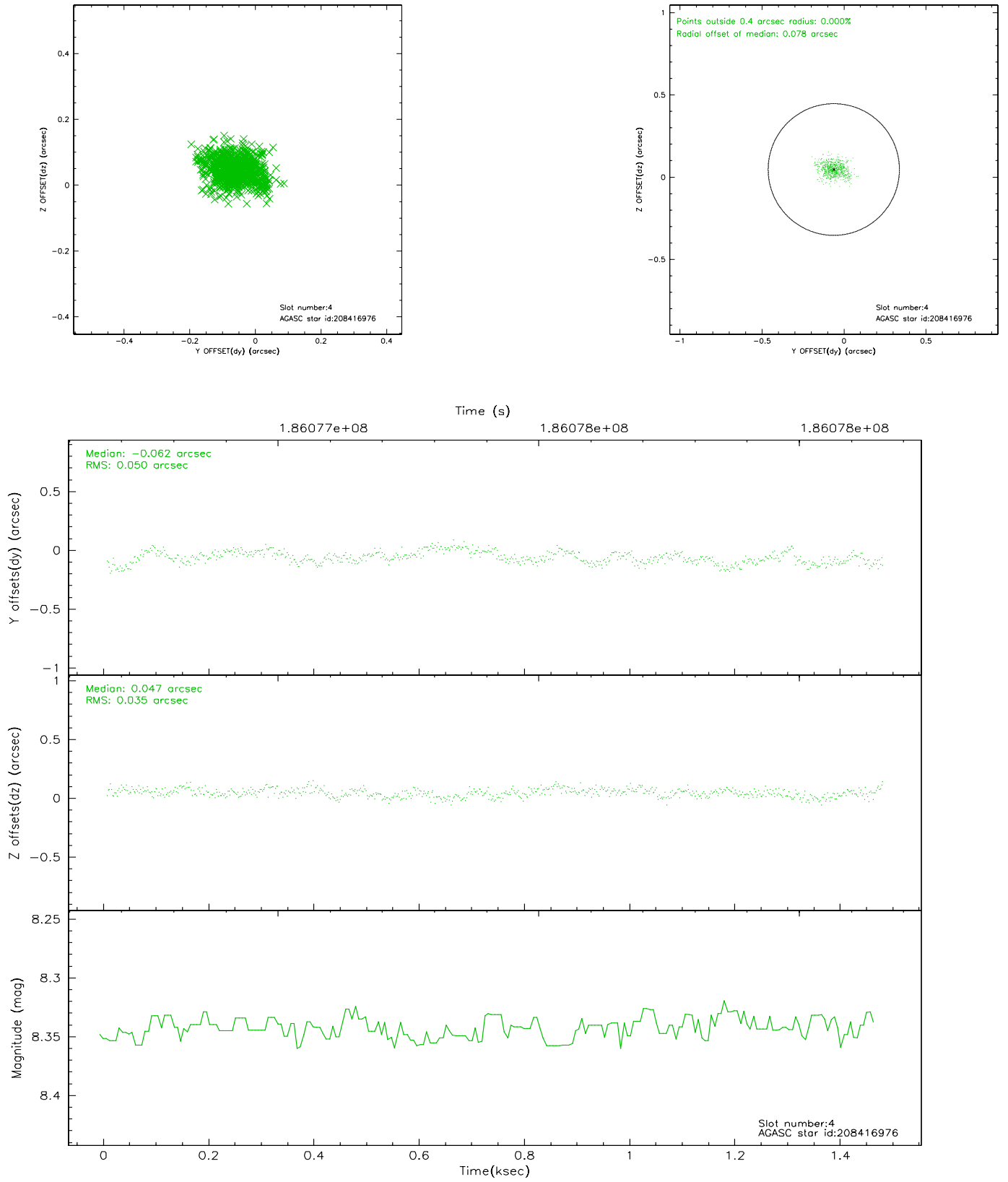
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	360	0.001	0.017	0.006	0.010	0.000000	0.000000	-760.40	-1733.17
1	FID	ACIS-S-4	7.20	360	-0.004	-0.005	0.005	0.009	0.000000	0.000000	2150.83	170.64
2	FID	ACIS-S-5	7.23	360	-0.029	-0.004	0.006	0.011	0.000000	0.000000	-1807.50	169.42
3	GUIDE	207904120	7.66	720	-0.043	-0.126	0.064	0.103	286.904195	16.289988	-583.93	-1504.81
4	GUIDE	208416976	8.34	720	-0.062	0.047	0.064	0.109	287.326965	17.073967	-1599.15	1503.36
5	GUIDE	208421840	9.21	720	0.074	0.075	0.084	0.139	287.570311	16.918850	-616.92	1723.19
6	GUIDE	209596088	9.36	720	0.212	0.104	0.115	0.169	288.150718	16.305149	2365.00	1637.12
7	GUIDE	207916440	6.82	719	-0.177	-0.098	0.057	0.098	287.167522	16.851310	-1400.12	555.63

2.4 Star Slots

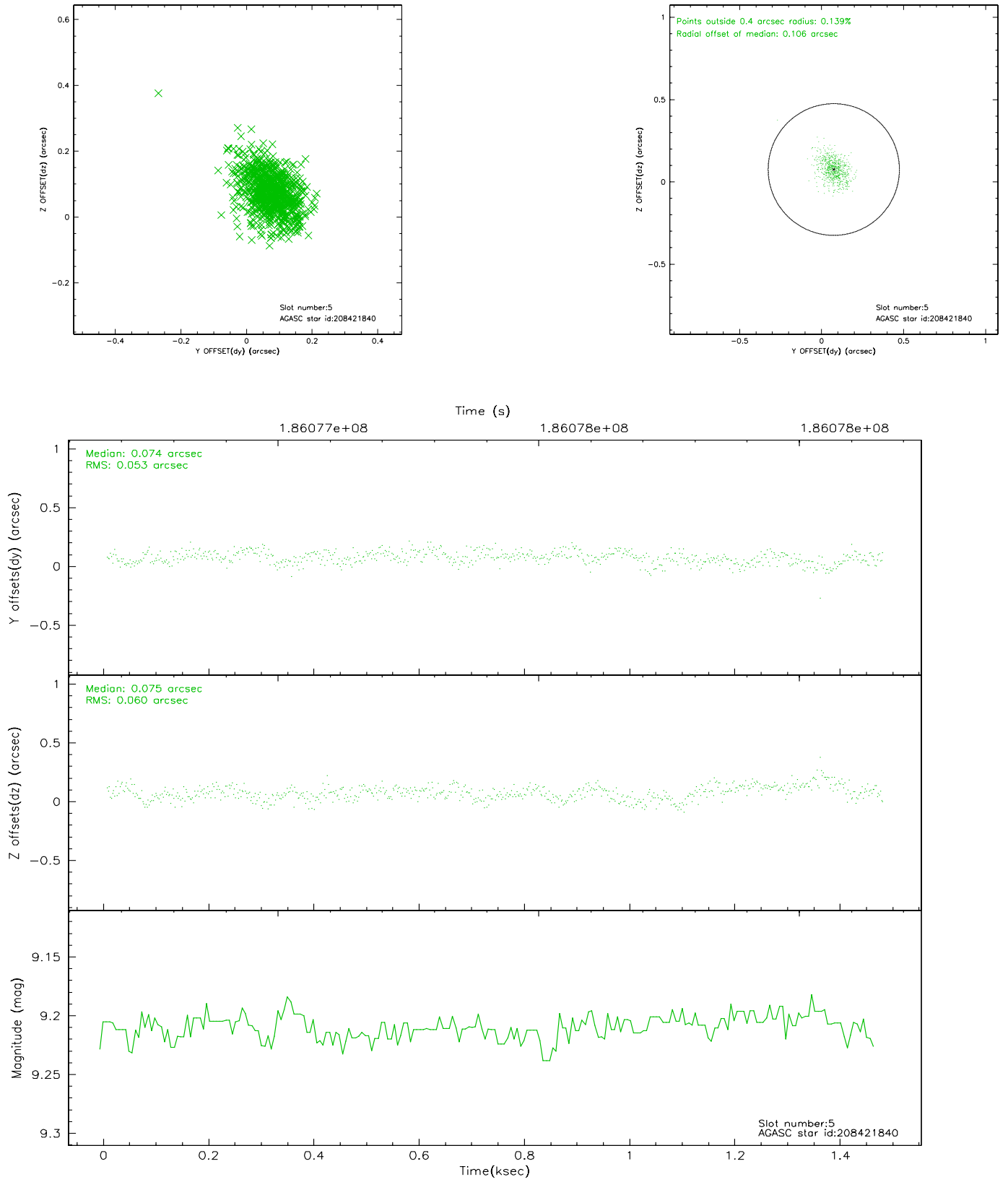
2.4.1 Slot 3



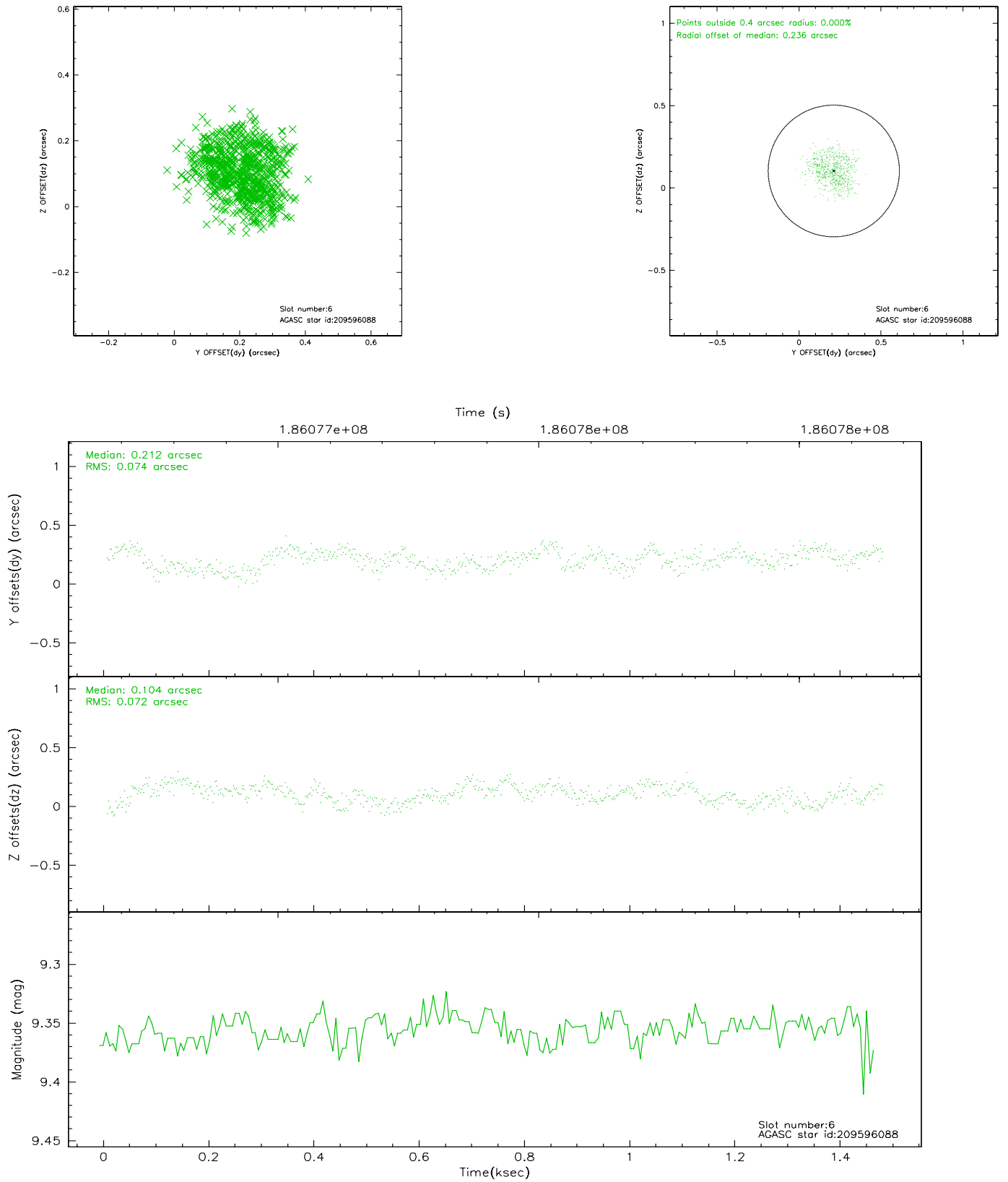
2.4.2 Slot 4



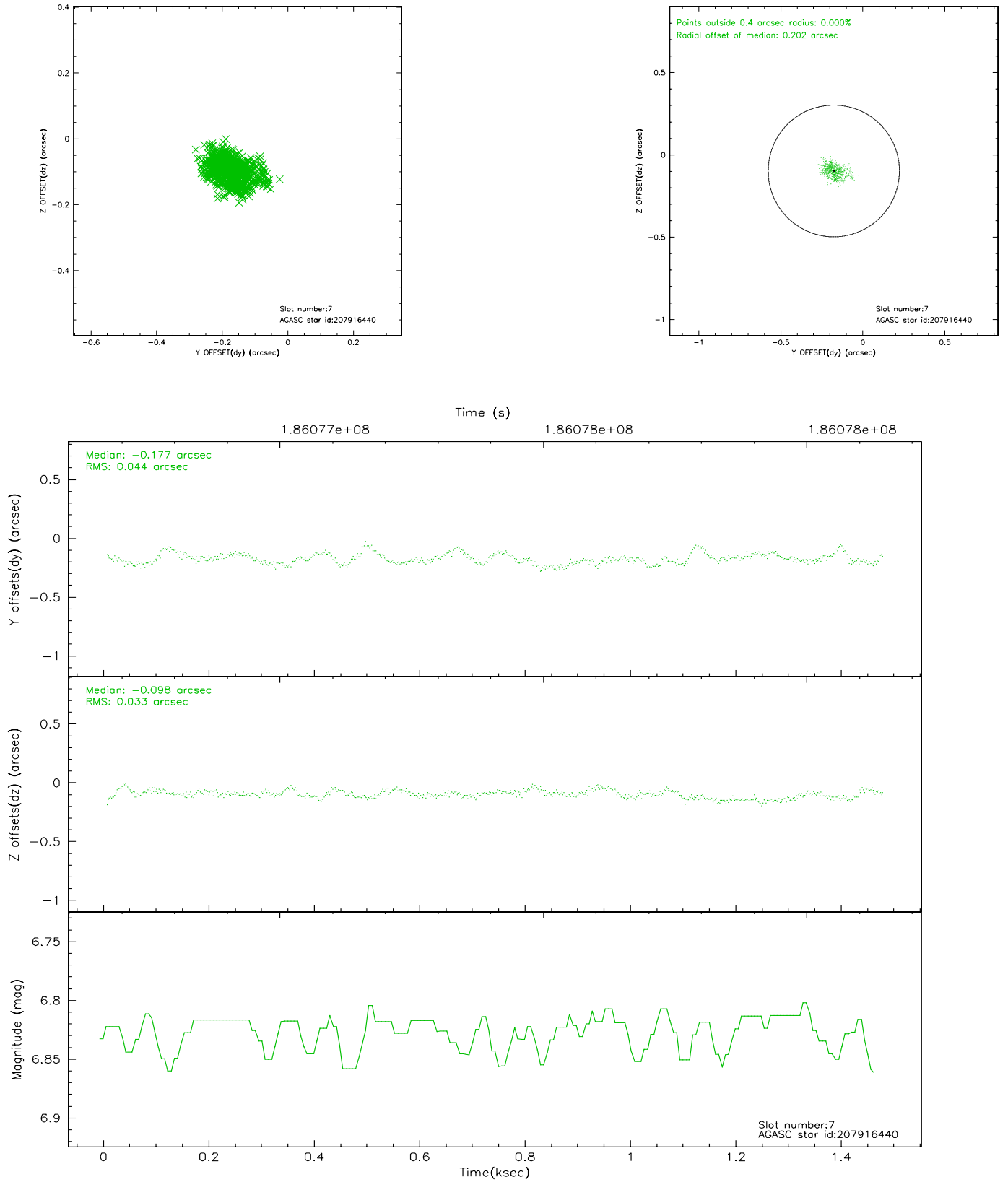
2.4.3 Slot 5



2.4.4 Slot 6

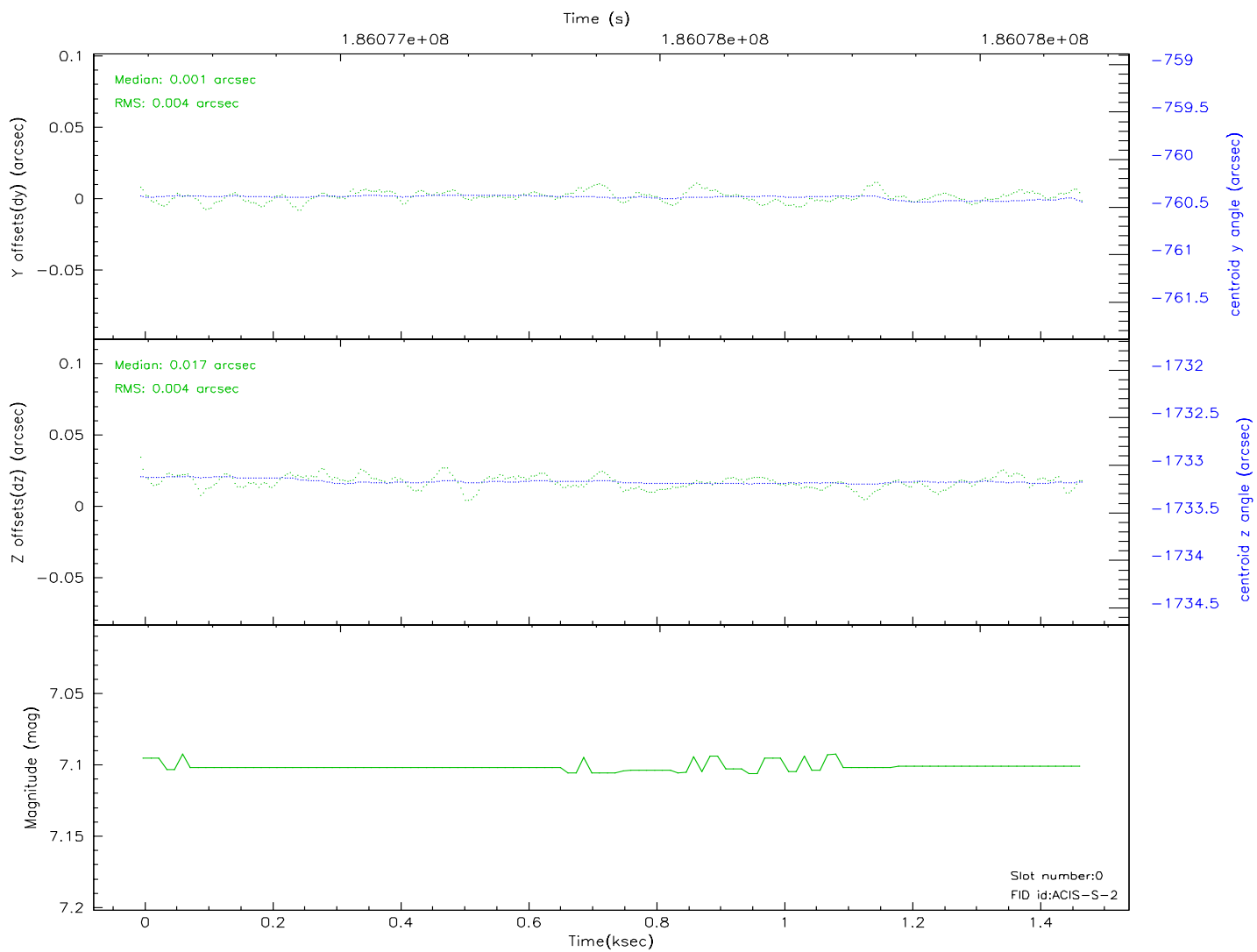
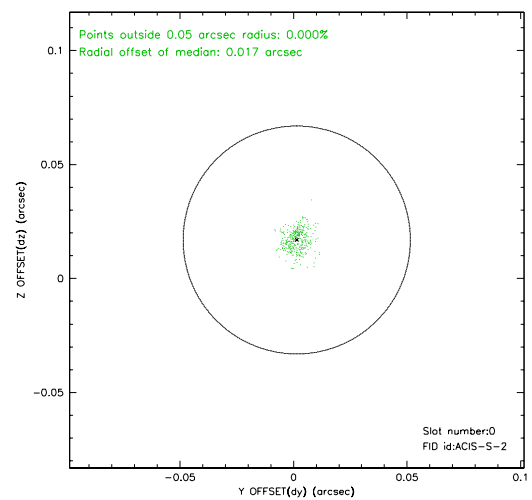
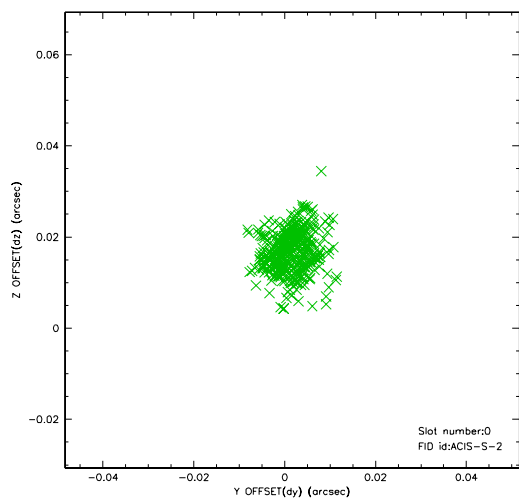


2.4.5 Slot 7

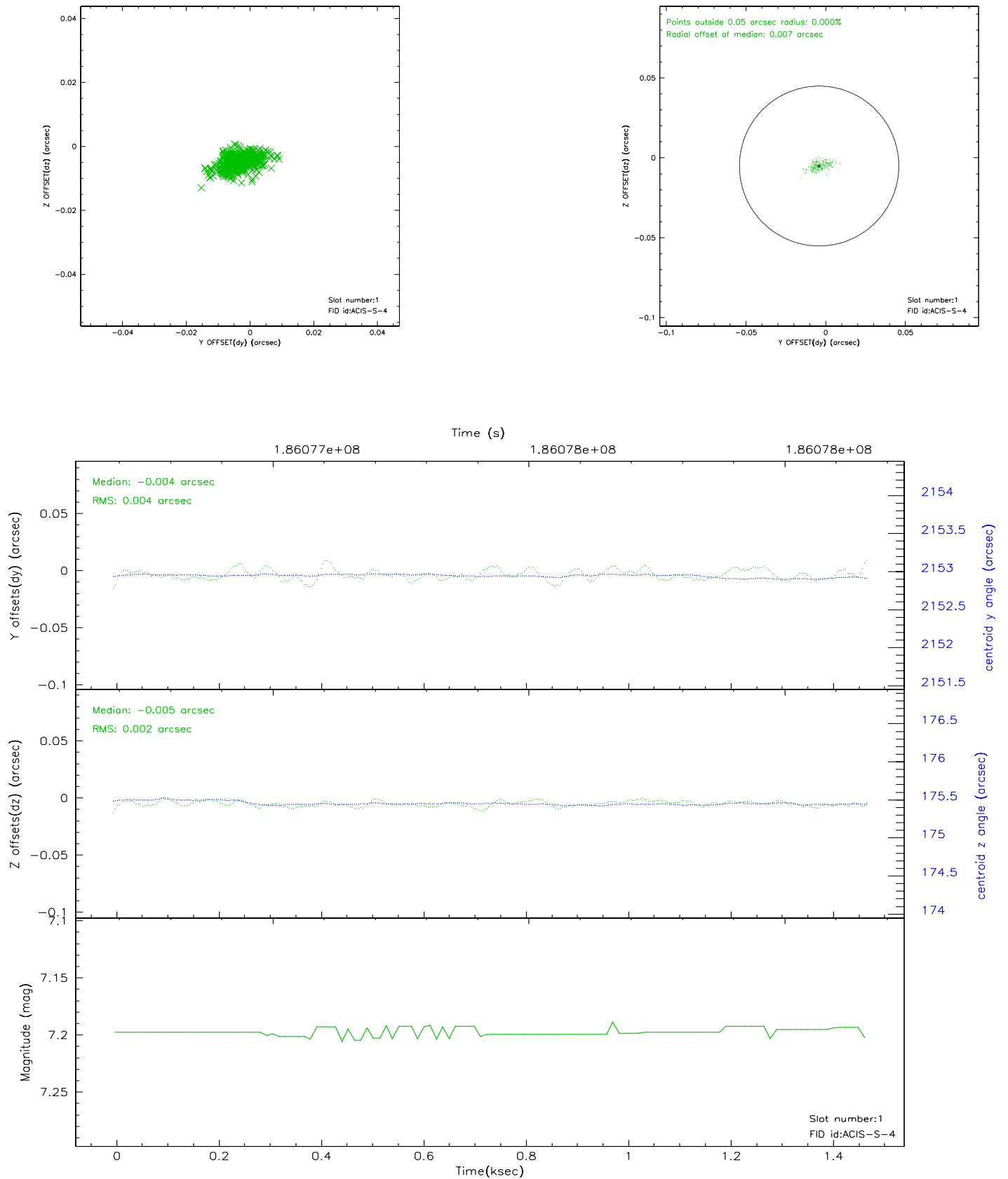


2.5 FID Slots

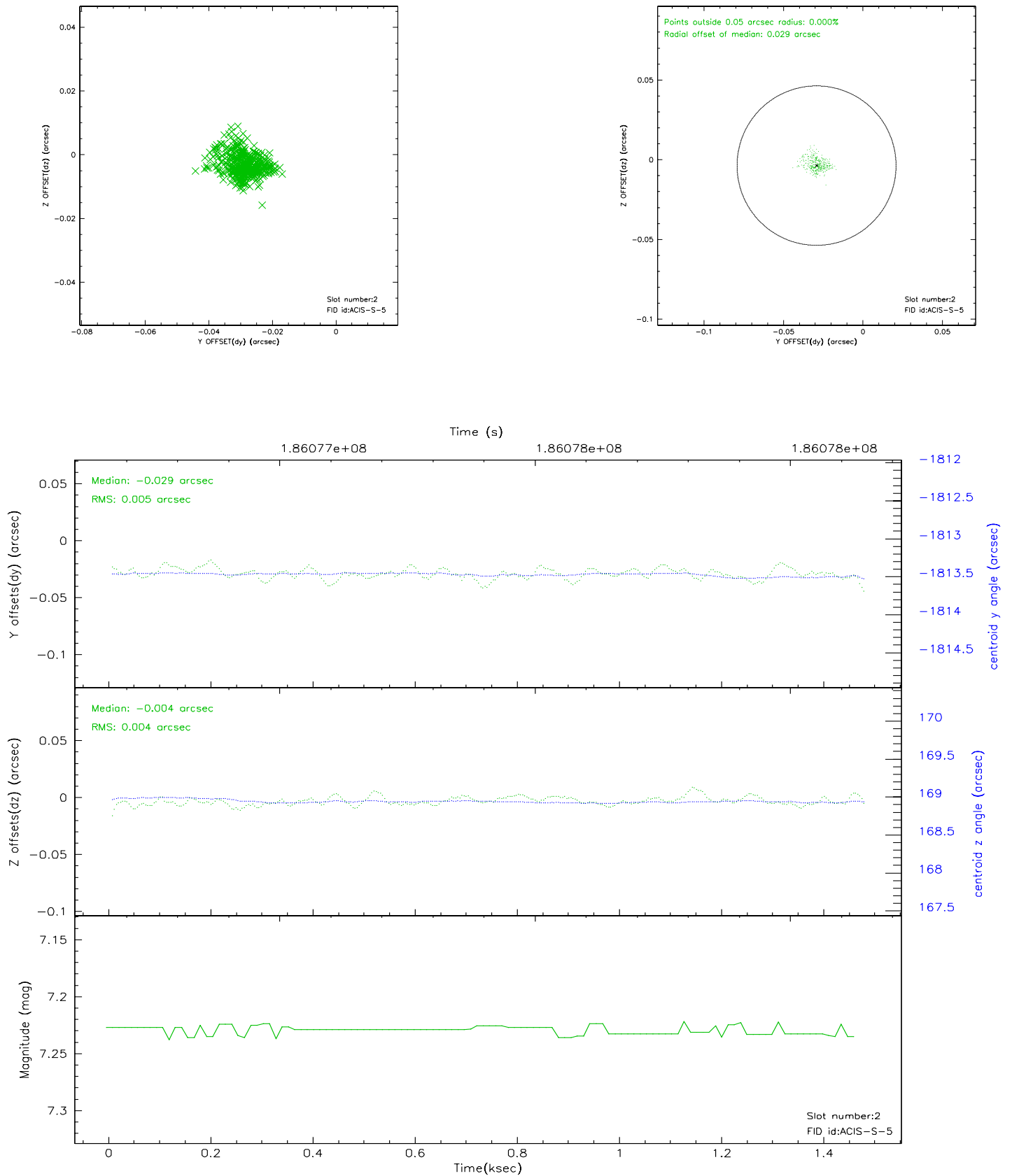
2.5.1 Slot 0



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)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.471

A.2 Comments