

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5272 - L2 Version 001
Chandra X-Ray Center

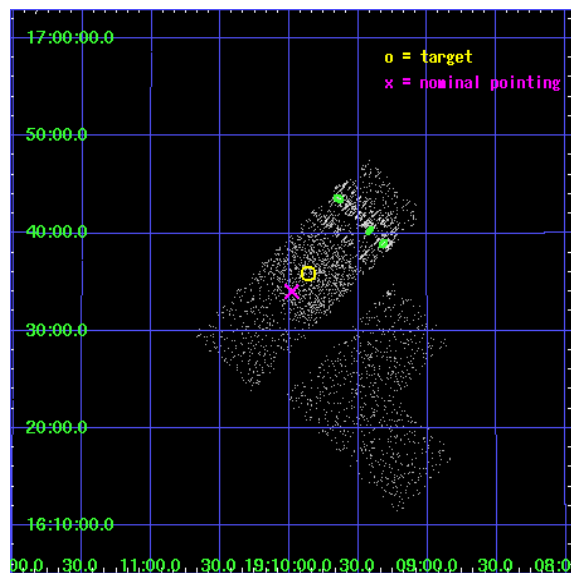
L2 Processing Date : Jun 26 2006

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1 Front

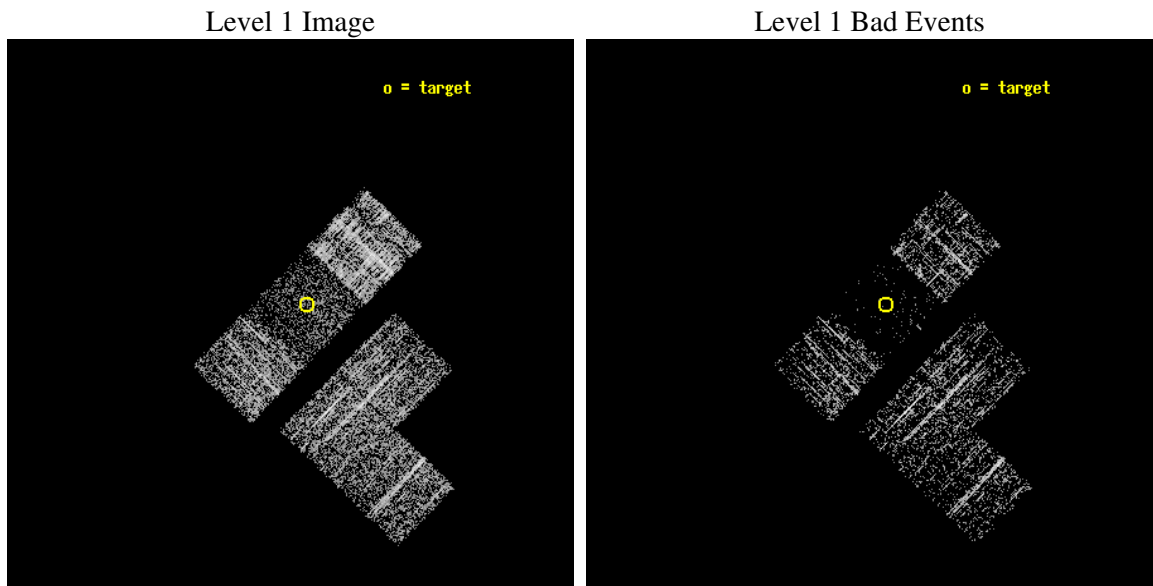
seq_num	100051
obs_id	5272
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.46573
dec_targ	16.59937
ra_nom	287.49527402207
dec_nom	16.567554740125
roll_nom	314.14822174541
revision	2
ontime	1468.7999945283
livetime	1450.2011645924
ontime0	1468.7999945283
ontime2	1468.7999945283
ontime3	1468.7999945283
ontime6	1468.7999945283
ontime7	1468.7999945283
ontime8	1465.5590342283
l2events	3907



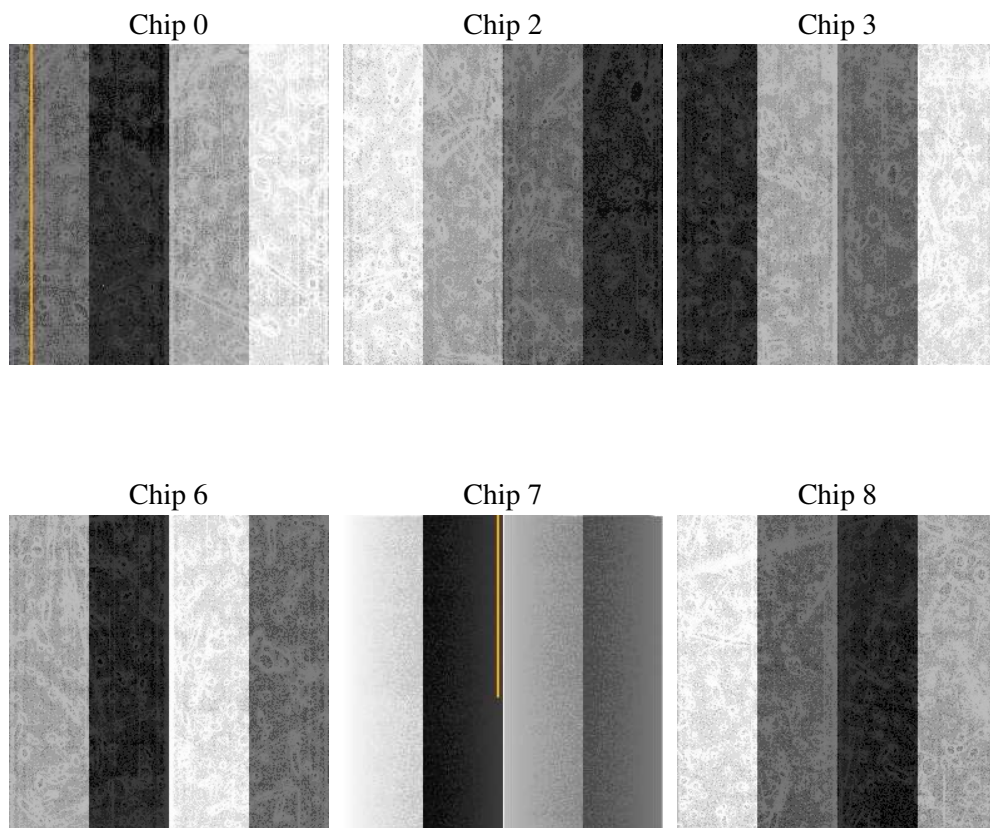
2 OBI

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	2006-06-26T19:39:08
revision	2

sched_exp_time	1290.000000
ontime	1798.7561078072
ontime0	1798.7561078072
ontime2	1798.7561078072
ontime3	1798.7561078072
ontime6	1798.7561078072
ontime7	1798.7561078072
ontime8	1795.5151475072
l1events	39241

2.1.4 Events

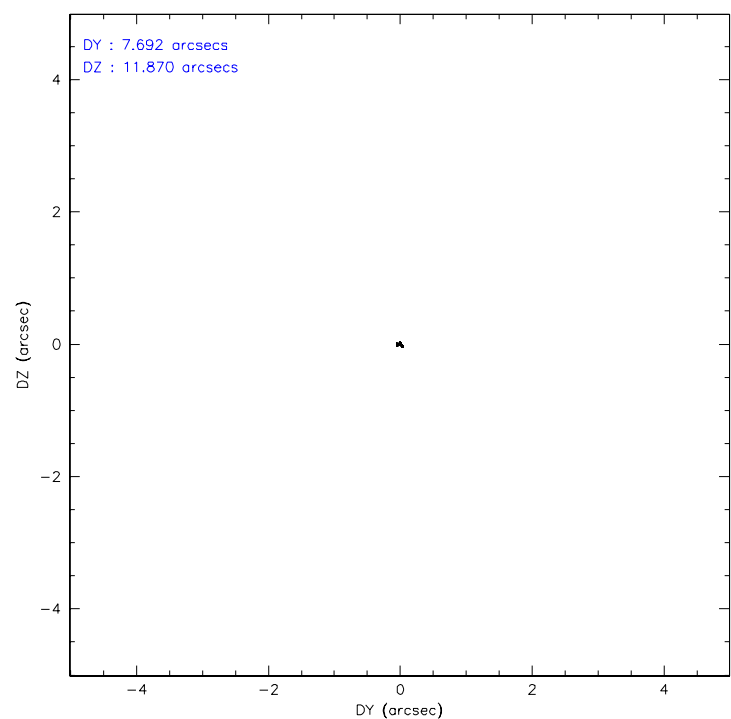
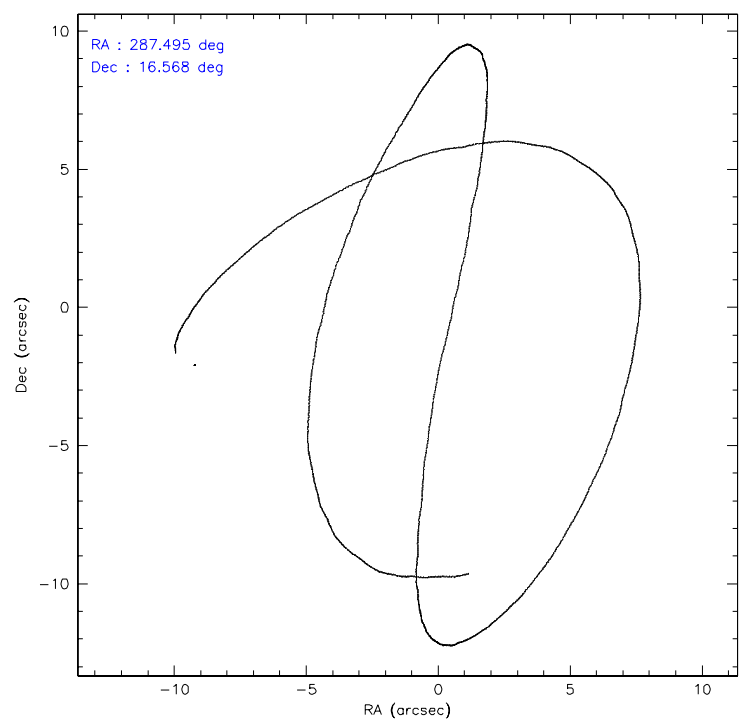
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5643	6877	6256	6709	2116	11640
rejected events	5200	6376	5894	6239	919	7246
rejected %	92%	92%	94%	92%	43%	62%

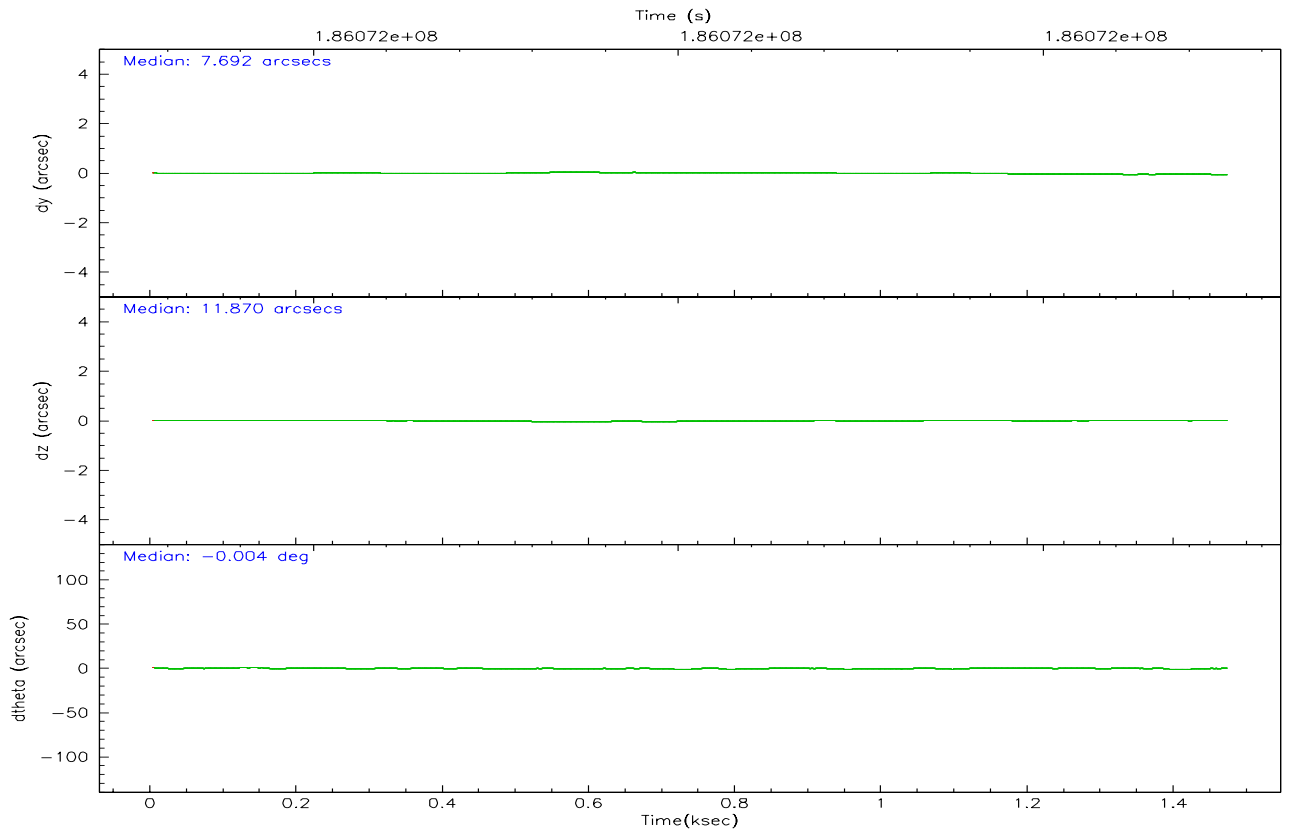
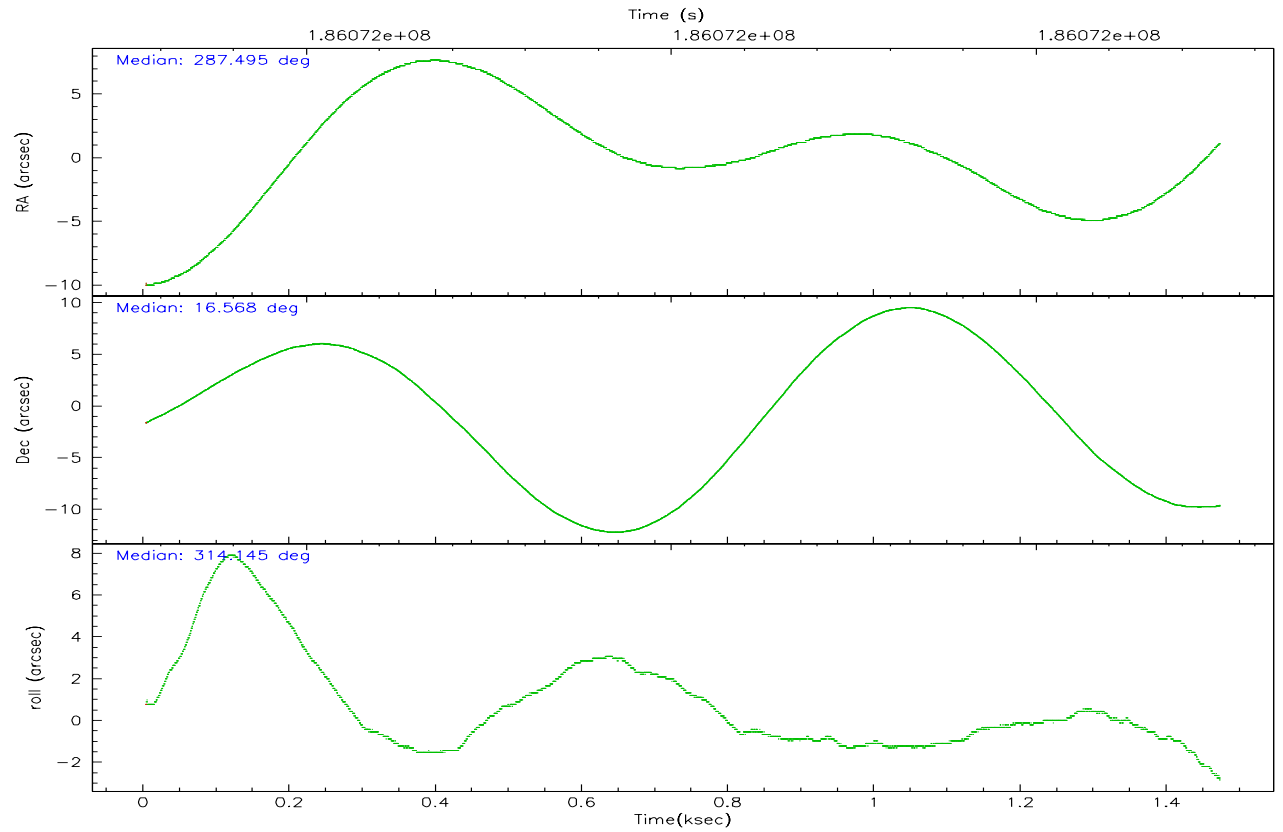
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	261	281	225	282	289	1683
	4%	4%	3%	4%	13%	14%
grade 1 events	7	6	3	3	4	19
	0%	0%	0%	0%	0%	0%
grade 2 events	141	161	77	143	448	780
	2%	2%	1%	2%	21%	6%
grade 3 events	44	46	58	46	154	925
	0%	0%	0%	0%	7%	7%
grade 4 events	59	62	50	53	150	792
	1%	0%	0%	0%	7%	6%
grade 5 events	46	51	52	71	108	147
	0%	0%	0%	1%	5%	1%
grade 6 events	51	80	47	42	432	1254
	0%	1%	0%	0%	20%	10%
grade 7 events	5034	6190	5744	6069	531	6040
	89%	90%	91%	90%	25%	51%

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	287.468103	287.4952740220729	Alternating exposures requested	N	N
Pointing Dec	16.574461	16.5675547401246	Primary exposure time	0.000000	3.2
Pointing Roll	313.999321	314.1482217454144			
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	186071464.184000	186071088.05767			
Observation start date	2003-11-24T14:30:00	2003-11-24T14:24:48			
Observation end time	186072754.184000	186072887.95774			
Observation end date	2003-11-24T14:51:30	2003-11-24T14:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



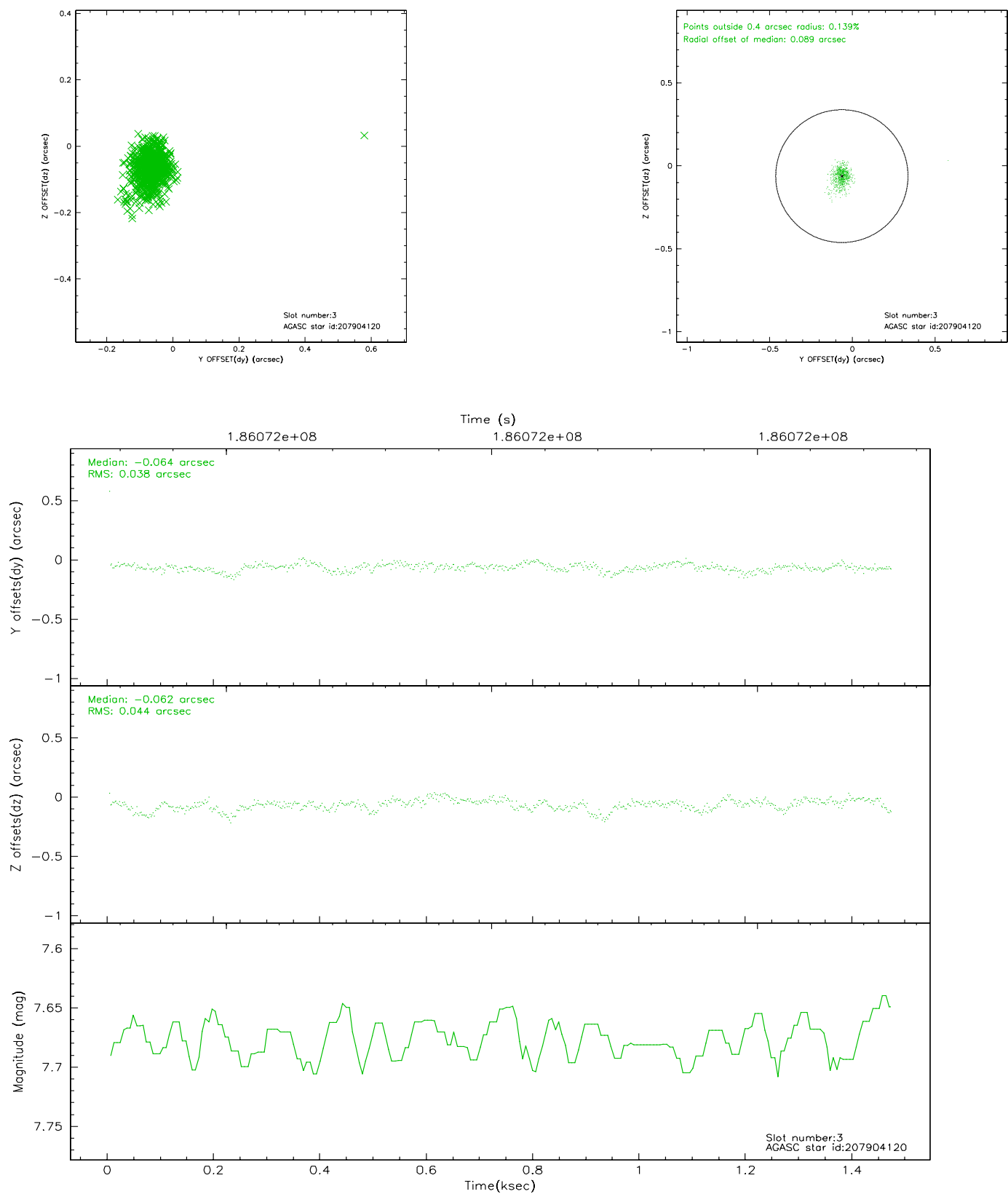


Slot Statistics

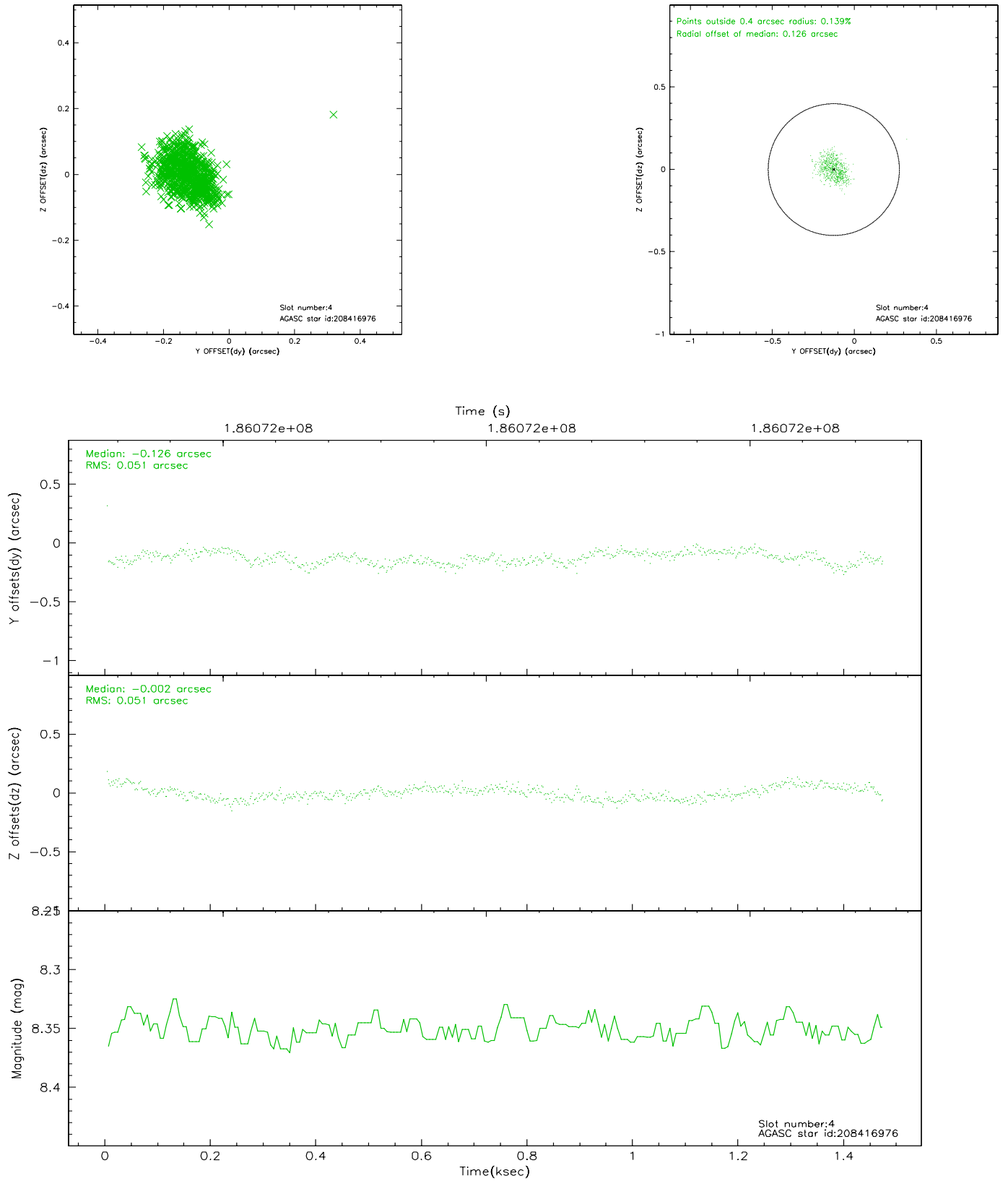
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	359	0.001	0.016	0.007	0.012	0.000000	0.000000	-760.46	-1733.15
1	FID	ACIS-S-4	7.20	359	-0.002	-0.005	0.005	0.009	0.000000	0.000000	2150.77	170.65
2	FID	ACIS-S-5	7.23	359	-0.030	-0.002	0.006	0.010	0.000000	0.000000	-1807.54	169.45
3	GUIDE	207904120	7.68	718	-0.064	-0.062	0.053	0.096	286.904195	16.289988	-617.54	-2111.00
4	GUIDE	208416976	8.35	718	-0.126	-0.002	0.075	0.119	287.326965	17.073967	-1630.81	896.89
5	GUIDE	208421840	9.21	718	0.083	0.043	0.088	0.143	287.570311	16.918850	-648.37	1116.09
6	GUIDE	209596088	9.37	718	0.139	0.102	0.103	0.164	288.150718	16.305149	2333.36	1028.06
7	GUIDE	209585448	7.95	717	-0.028	-0.081	0.078	0.116	288.114724	16.850123	836.44	2296.04

2.4 Star Slots

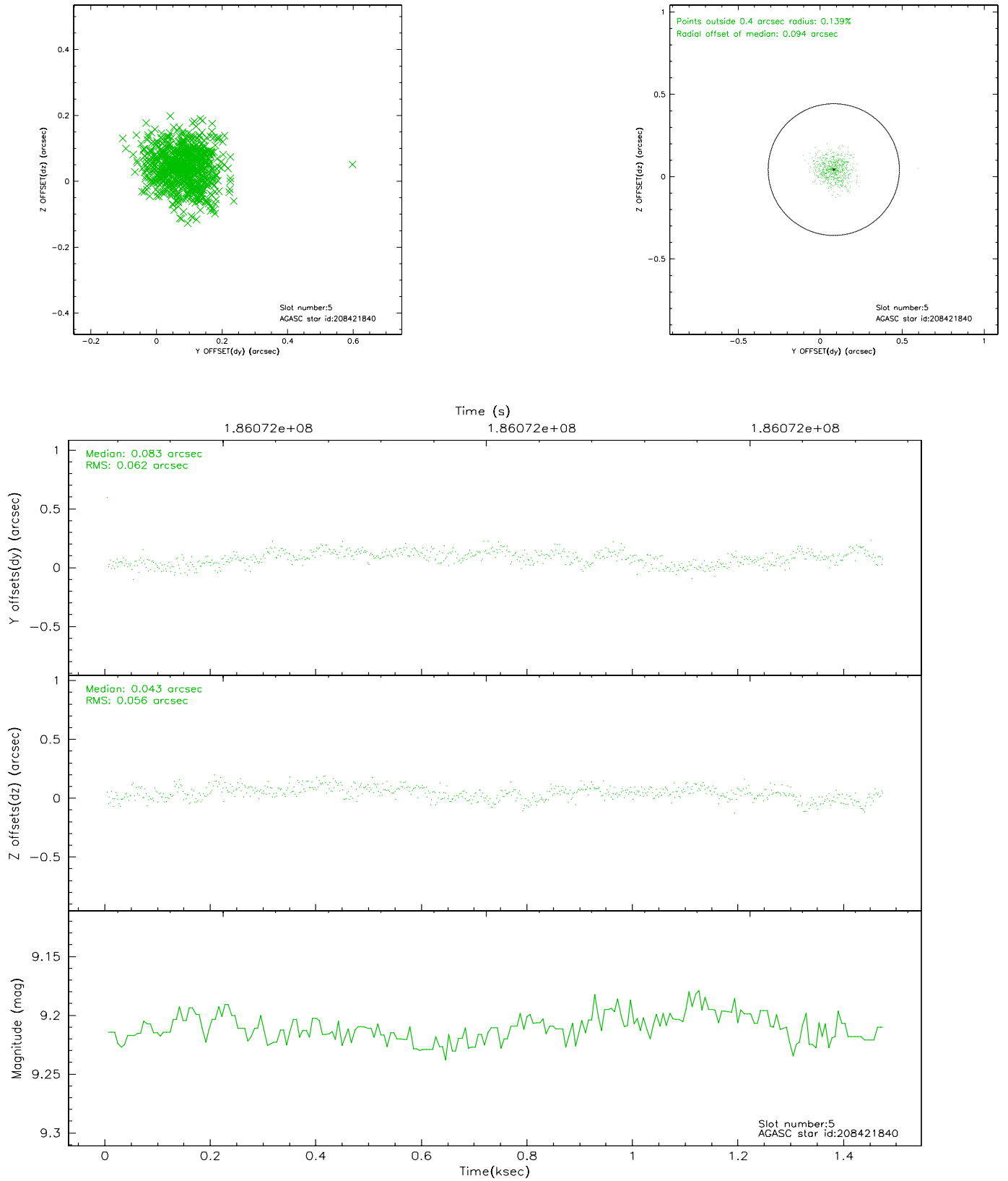
2.4.1 Slot 3



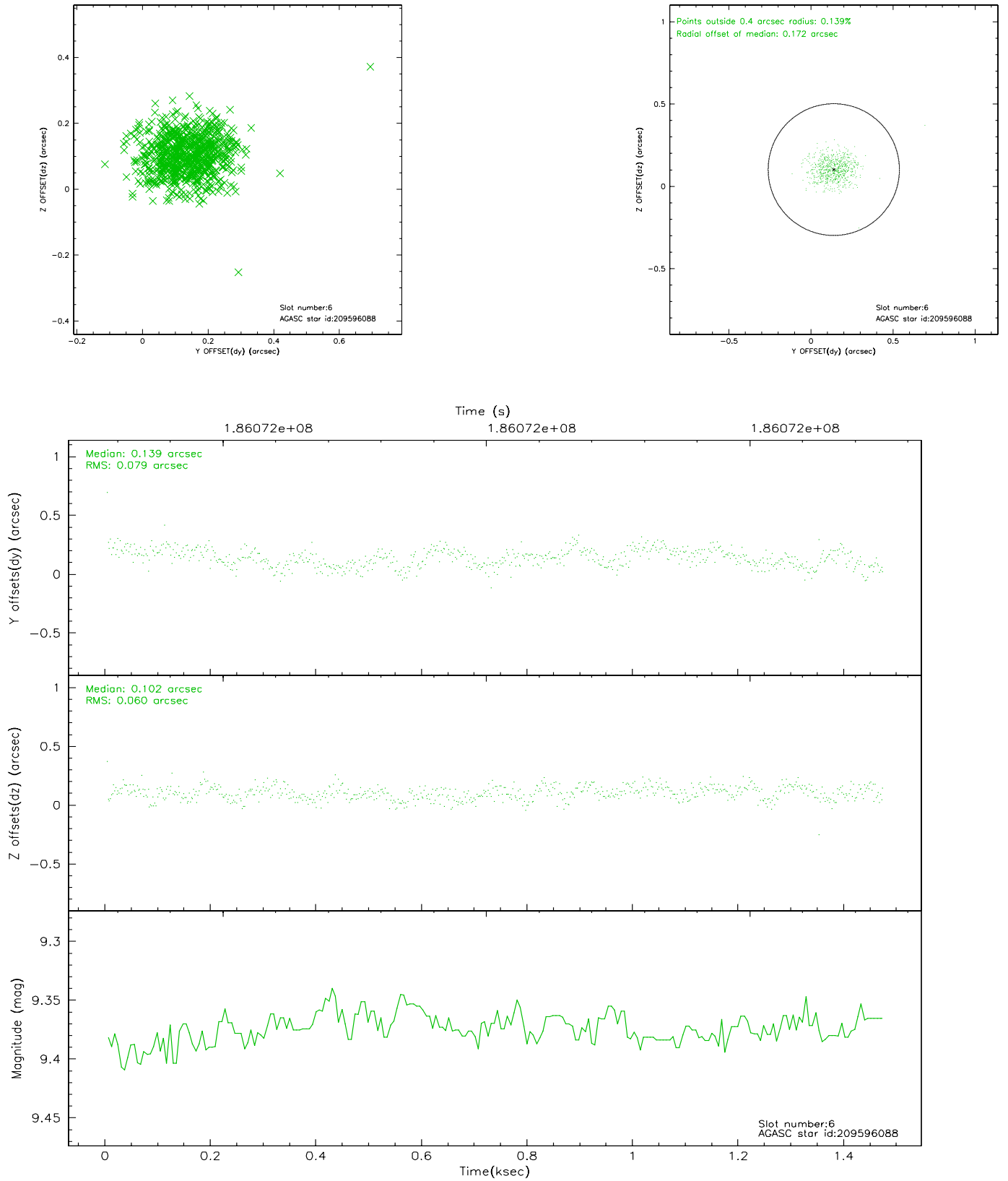
2.4.2 Slot 4



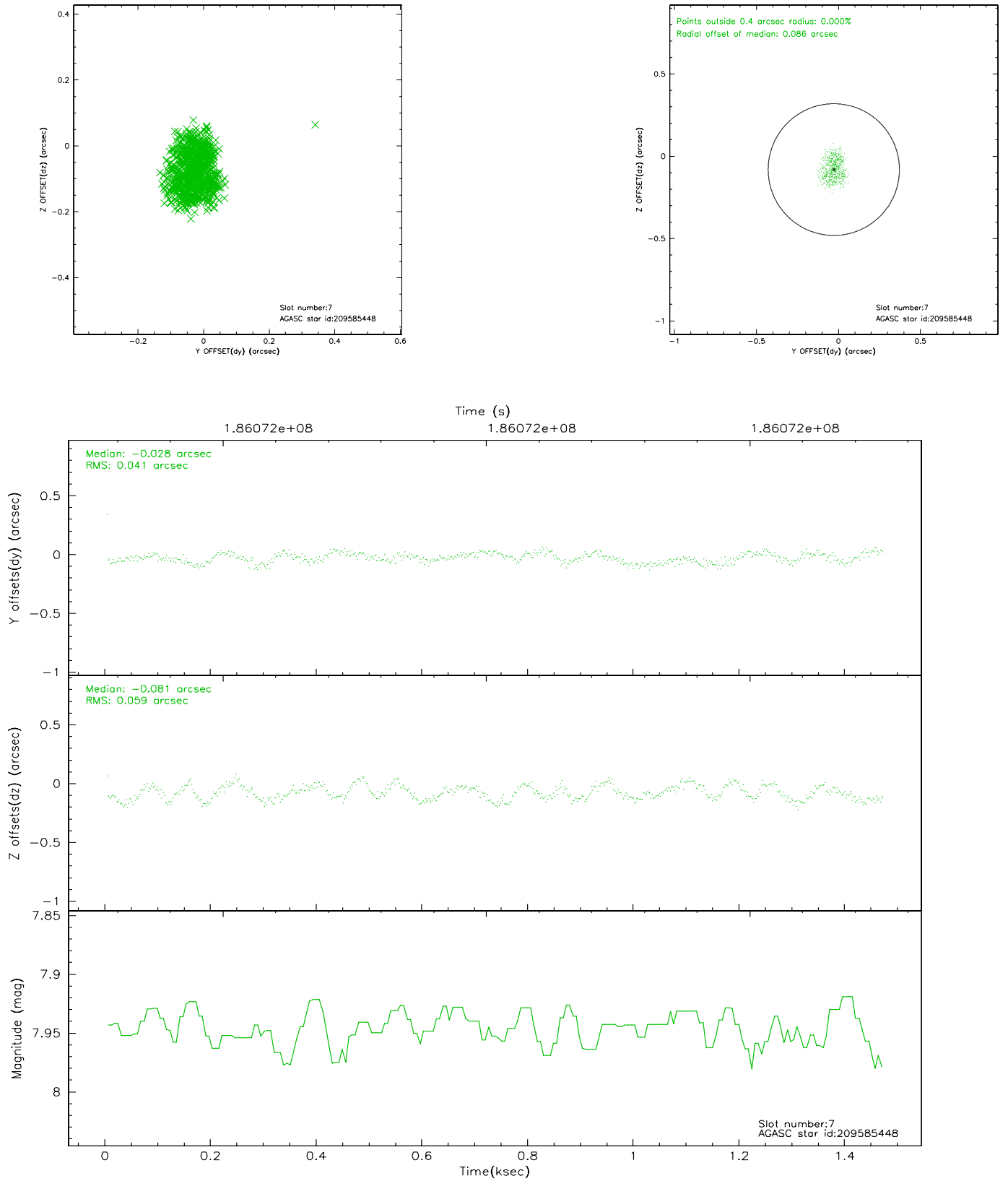
2.4.3 Slot 5



2.4.4 Slot 6

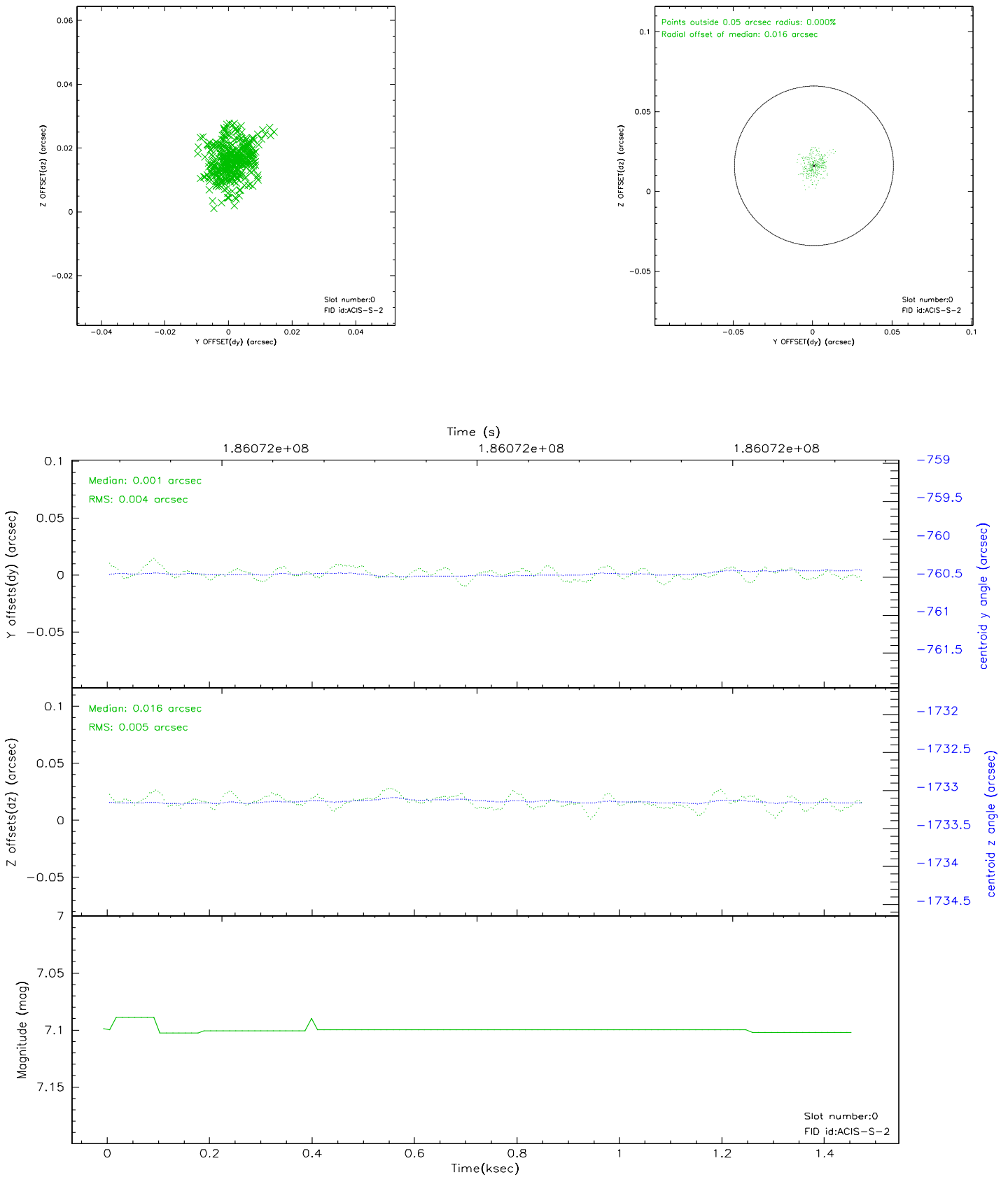


2.4.5 Slot 7

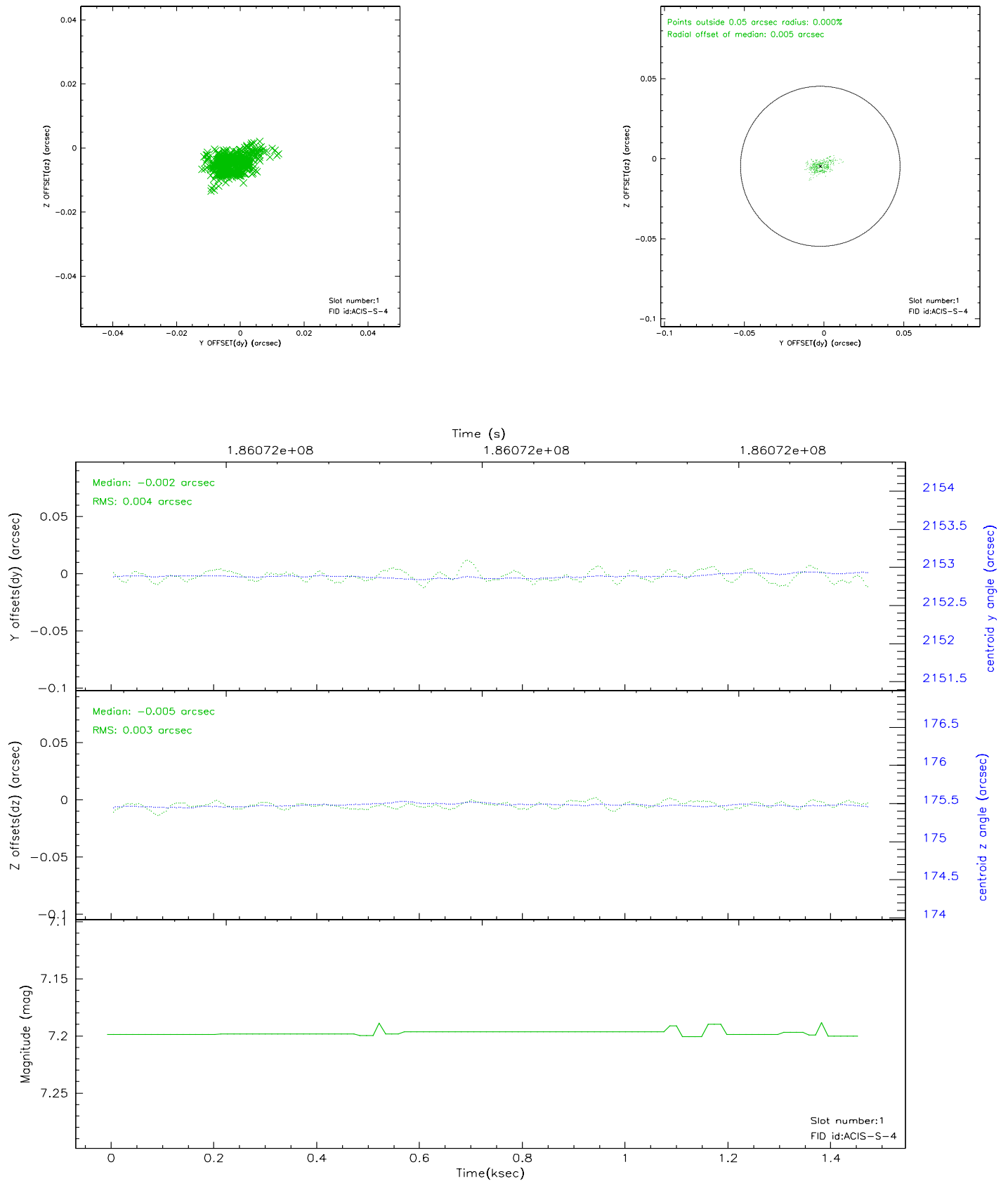


2.5 FID Slots

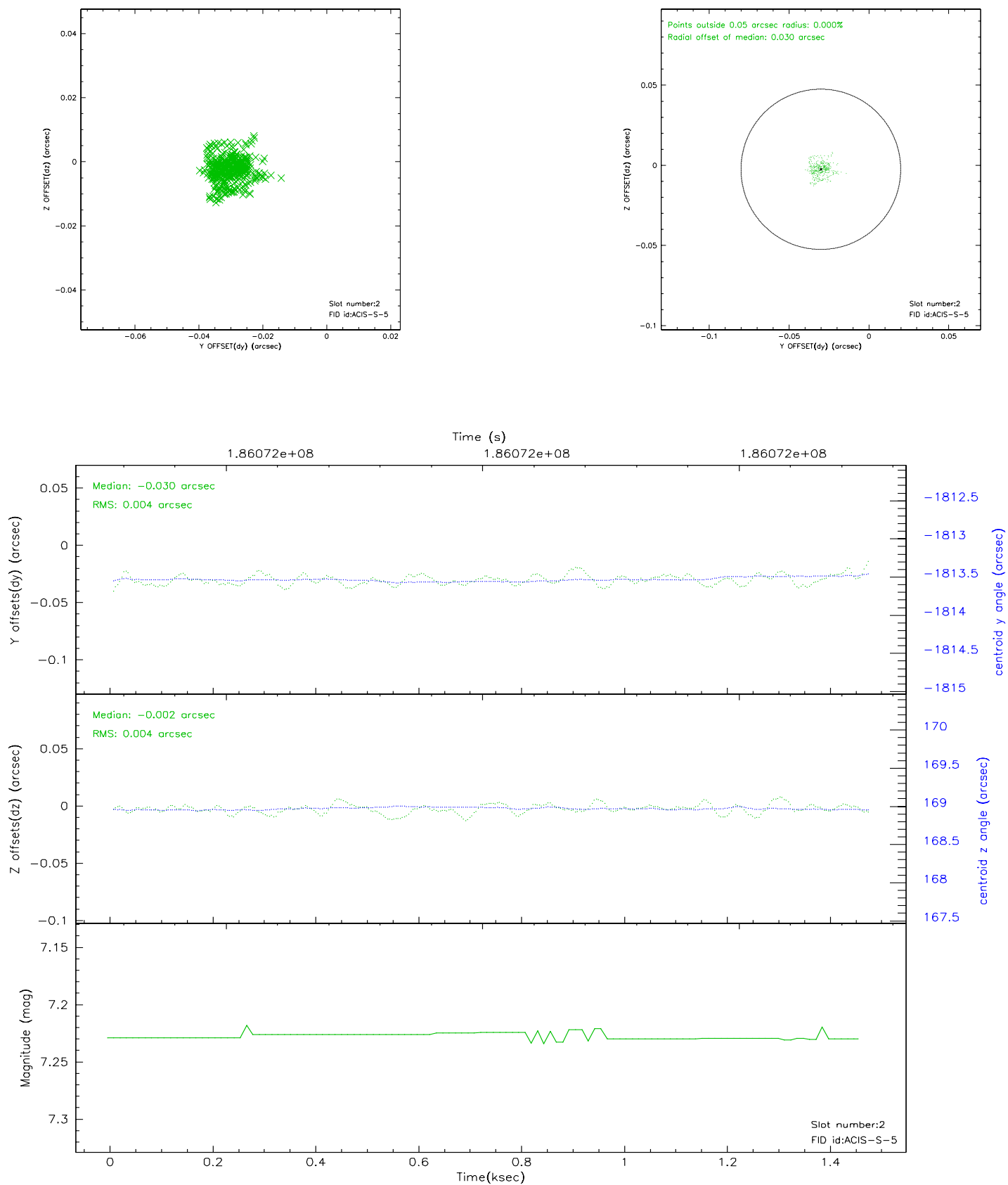
2.5.1 Slot 0



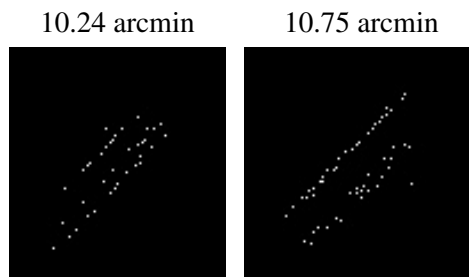
2.5.2 Slot 1



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	1.468

A.2 Comments