

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5264 - L2 Version 001
Chandra X-Ray Center

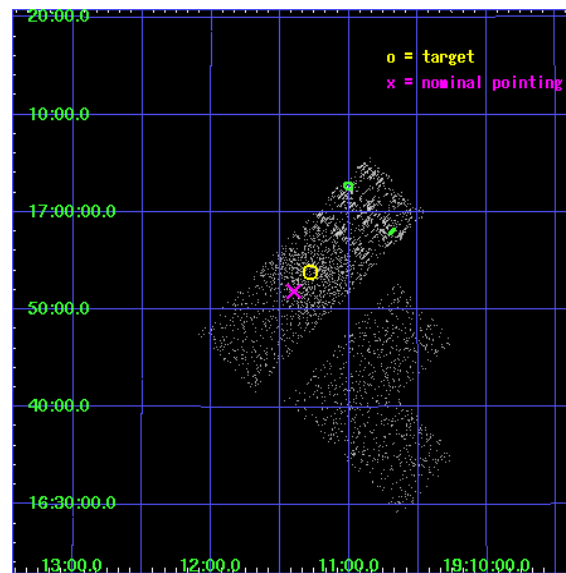
L2 Processing Date : Jun 26 2006

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1 Front

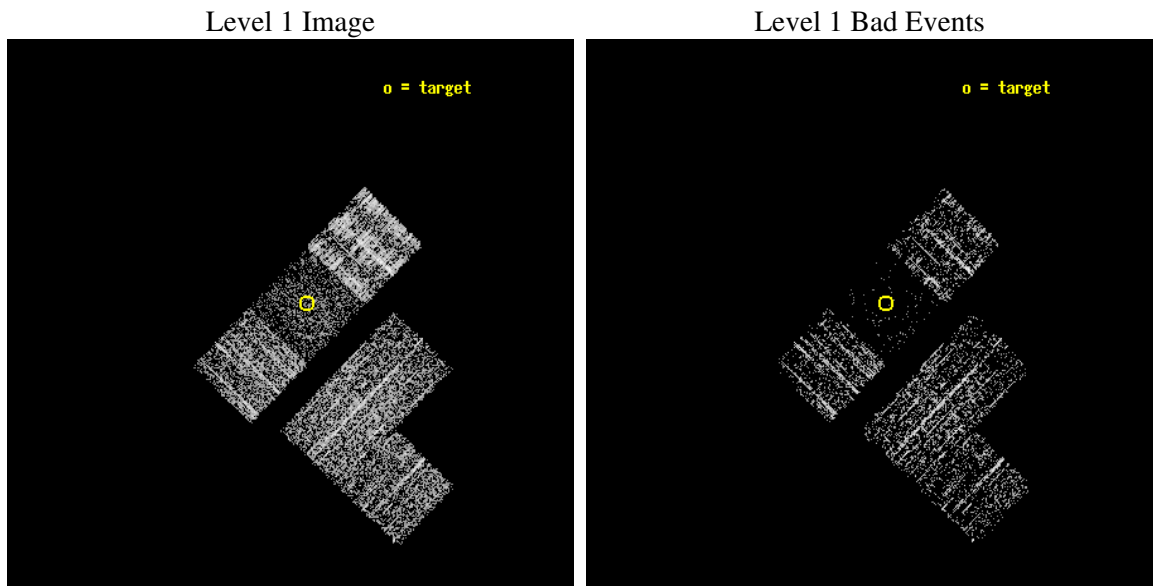
seq_num	100051
obs_id	5264
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.8202
dec_targ	16.89651
ra_nom	287.85005091718
dec_nom	16.864551845754
roll_nom	314.1479644776
revision	2
ontime	1475.1999945045
livetime	1456.5201239152
ontime0	1475.1999945045
ontime2	1475.1999945045
ontime3	1475.1999945045
ontime6	1475.1999945045
ontime7	1475.1999945045
ontime8	1475.1999945045
l2events	3925



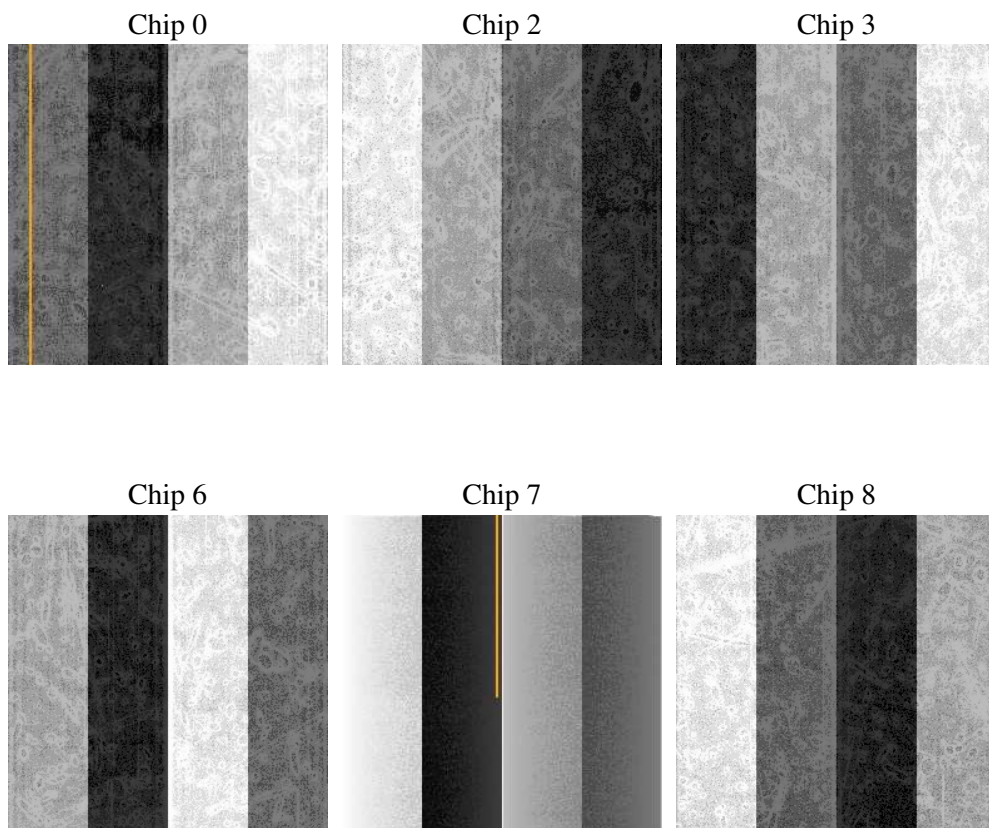
2 OBI

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	2006-06-26T18:37:41
revision	2

sched_exp_time	1290.000000
ontime	1798.7561278343
ontime0	1798.7561278343
ontime2	1801.9971479177
ontime3	1798.7561278343
ontime6	1798.7561278343
ontime7	1798.7561278343
ontime8	1798.7561278343
l1events	39440

2.1.4 Events

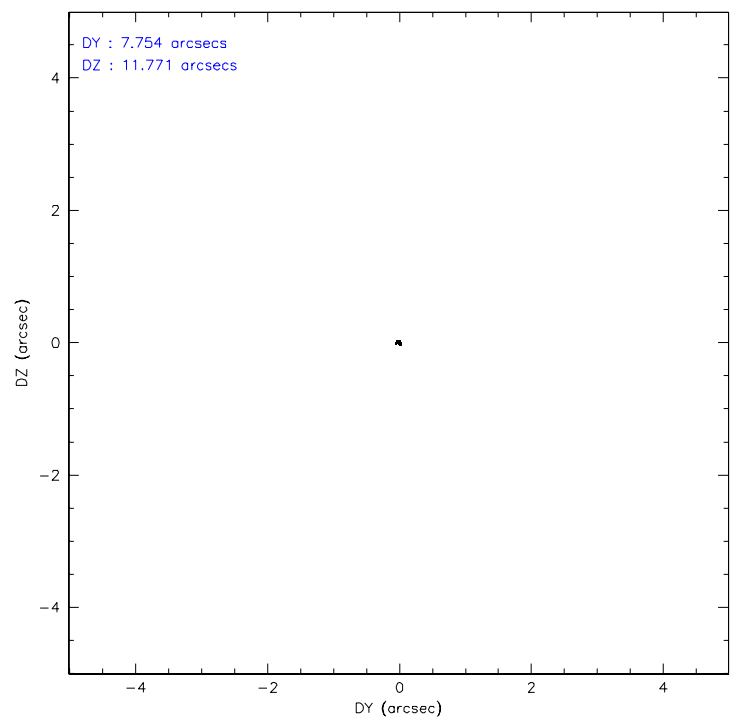
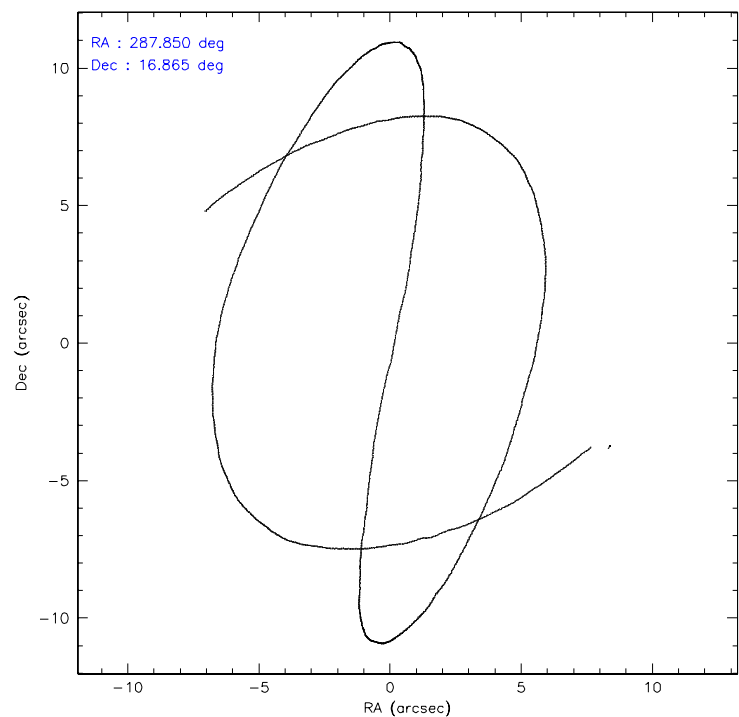
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5384	7361	5760	6748	2141	12046
rejected events	4867	6753	5359	6273	991	7063
rejected %	90%	91%	93%	92%	46%	58%

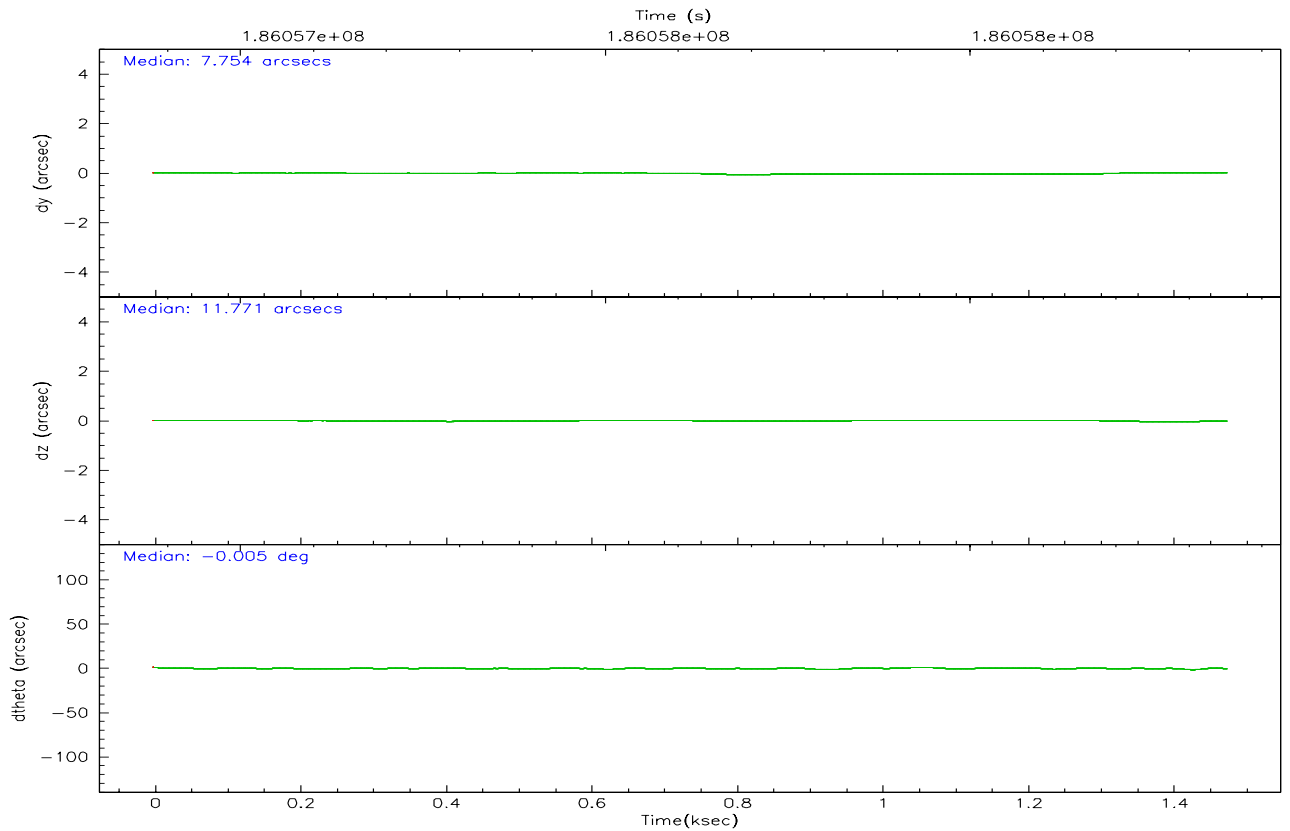
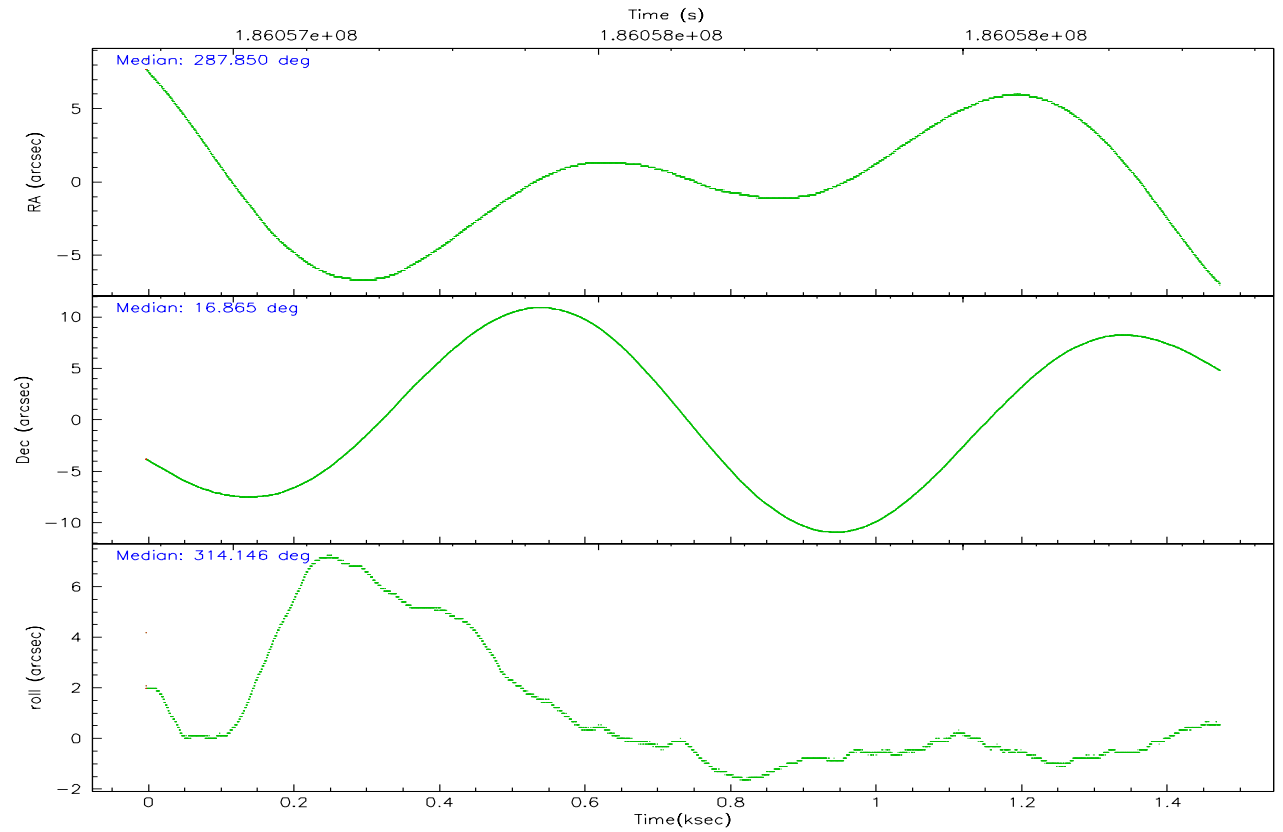
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	284	321	230	273	290	1742
	5%	4%	3%	4%	13%	14%
grade 1 events	5	4	1	7	4	16
	0%	0%	0%	0%	0%	0%
grade 2 events	170	219	103	156	488	962
	3%	2%	1%	2%	22%	7%
grade 3 events	69	50	64	49	143	976
	1%	0%	1%	0%	6%	8%
grade 4 events	45	71	45	42	148	899
	0%	0%	0%	0%	6%	7%
grade 5 events	58	45	53	44	135	152
	1%	0%	0%	0%	6%	1%
grade 6 events	60	74	41	55	391	1453
	1%	1%	0%	0%	18%	12%
grade 7 events	4693	6577	5223	6122	542	5846
	87%	89%	90%	90%	25%	48%

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	287.822577	287.8500509171792	Alternating exposures requested	N	N
Pointing Dec	16.871602	16.86455184575417	Primary exposure time	0.000000	3.2
Pointing Roll	313.999306	314.1479644776005			
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	186057064.184000	186056687.83204			
Observation start date	2003-11-24T10:30:00	2003-11-24T10:24:47			
Observation end time	186058354.184000	186058487.73212			
Observation end date	2003-11-24T10:51:30	2003-11-24T10:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



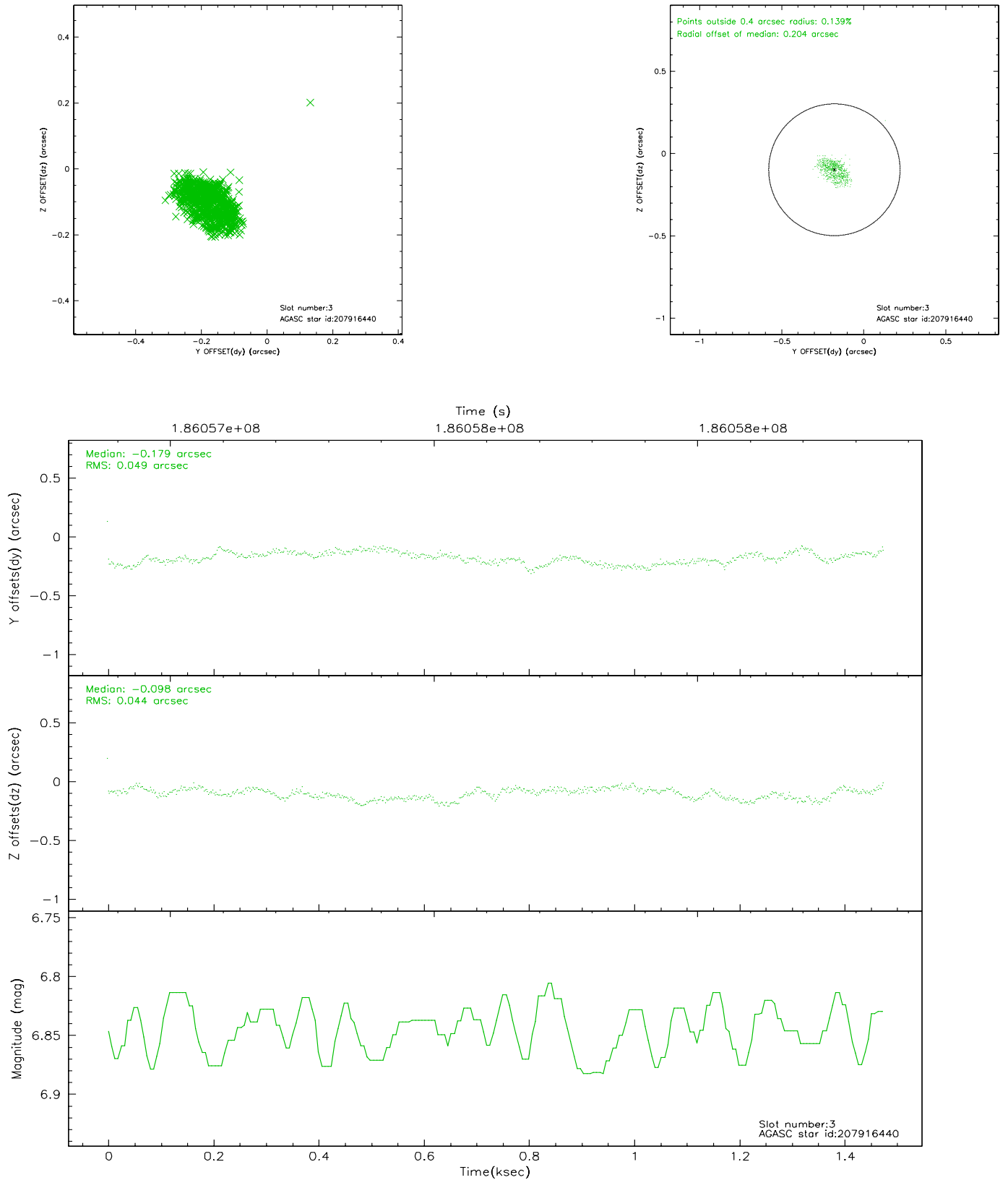


Slot Statistics

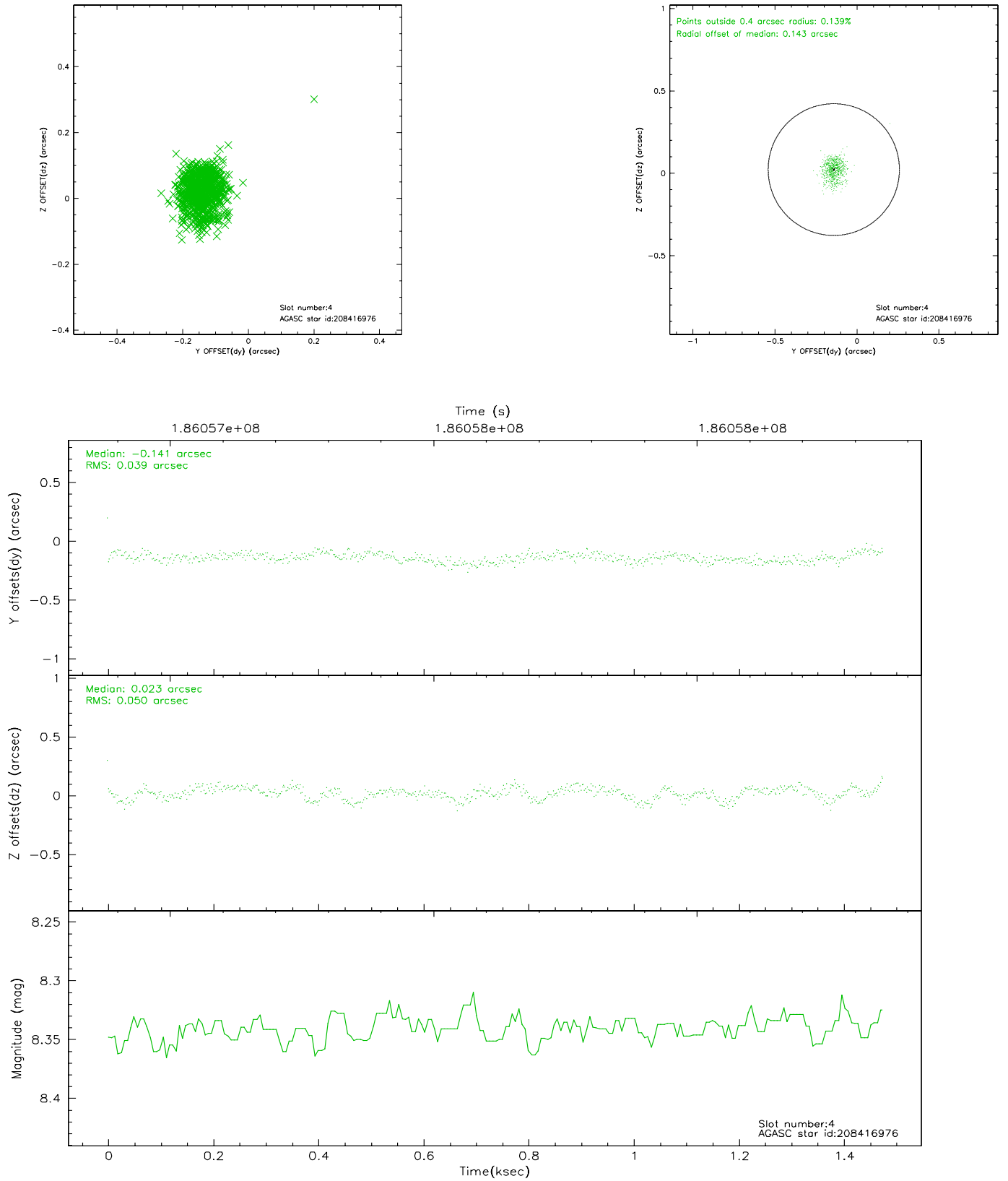
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	361	0.041	-0.062	0.007	0.011	0.000000	0.000000	935.54	-1728.77
1	FID	ACIS-S-5	7.24	359	-0.016	0.041	0.006	0.011	0.000000	0.000000	-1810.97	164.28
2	FID	ACIS-S-6	7.34	361	-0.046	0.033	0.008	0.011	0.000000	0.000000	396.20	813.29
3	GUIDE	207916440	6.84	721	-0.179	-0.098	0.070	0.109	287.167522	16.851310	-1517.43	-1672.10
4	GUIDE	208416976	8.34	721	-0.141	0.023	0.066	0.106	287.326965	17.073967	-1712.11	-721.86
5	GUIDE	208421840	9.21	721	0.106	0.070	0.080	0.133	287.570311	16.918850	-728.10	-507.31
6	GUIDE	209596088	9.37	721	0.216	0.088	0.109	0.170	288.150718	16.305149	2253.49	-600.79
7	GUIDE	209585448	7.94	720	0.006	-0.074	0.055	0.089	288.114724	16.850123	758.77	669.92

2.4 Star Slots

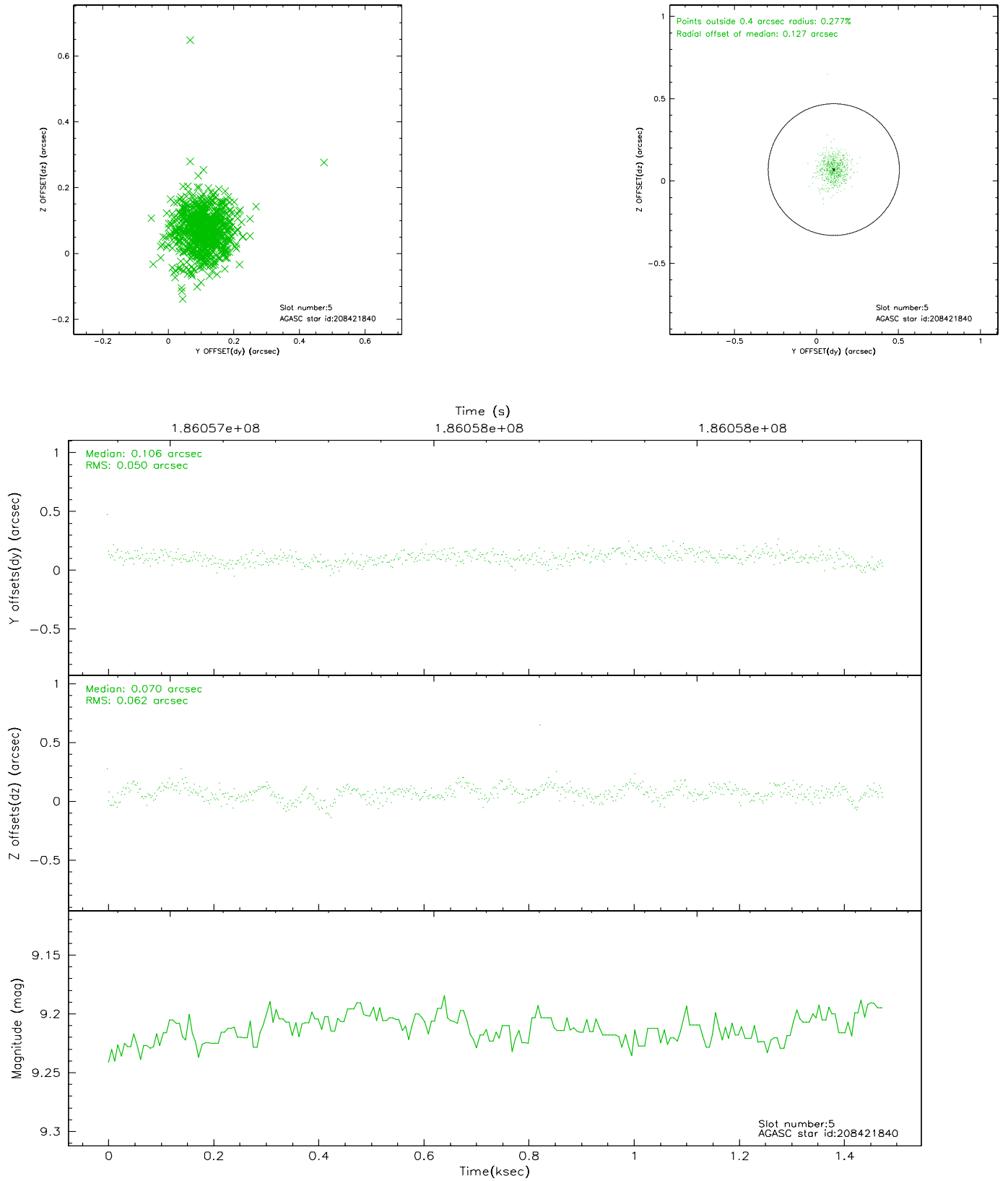
2.4.1 Slot 3



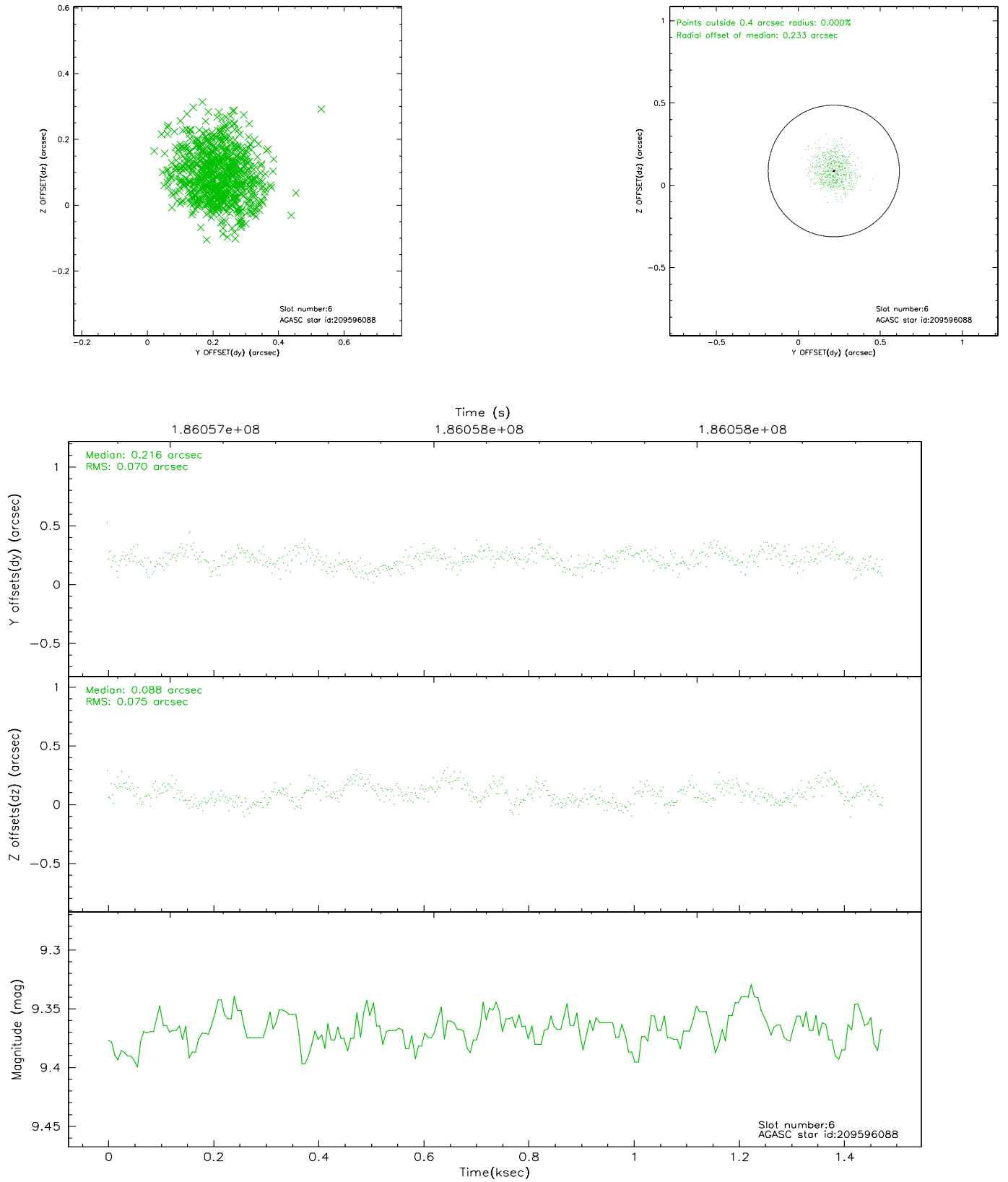
2.4.2 Slot 4



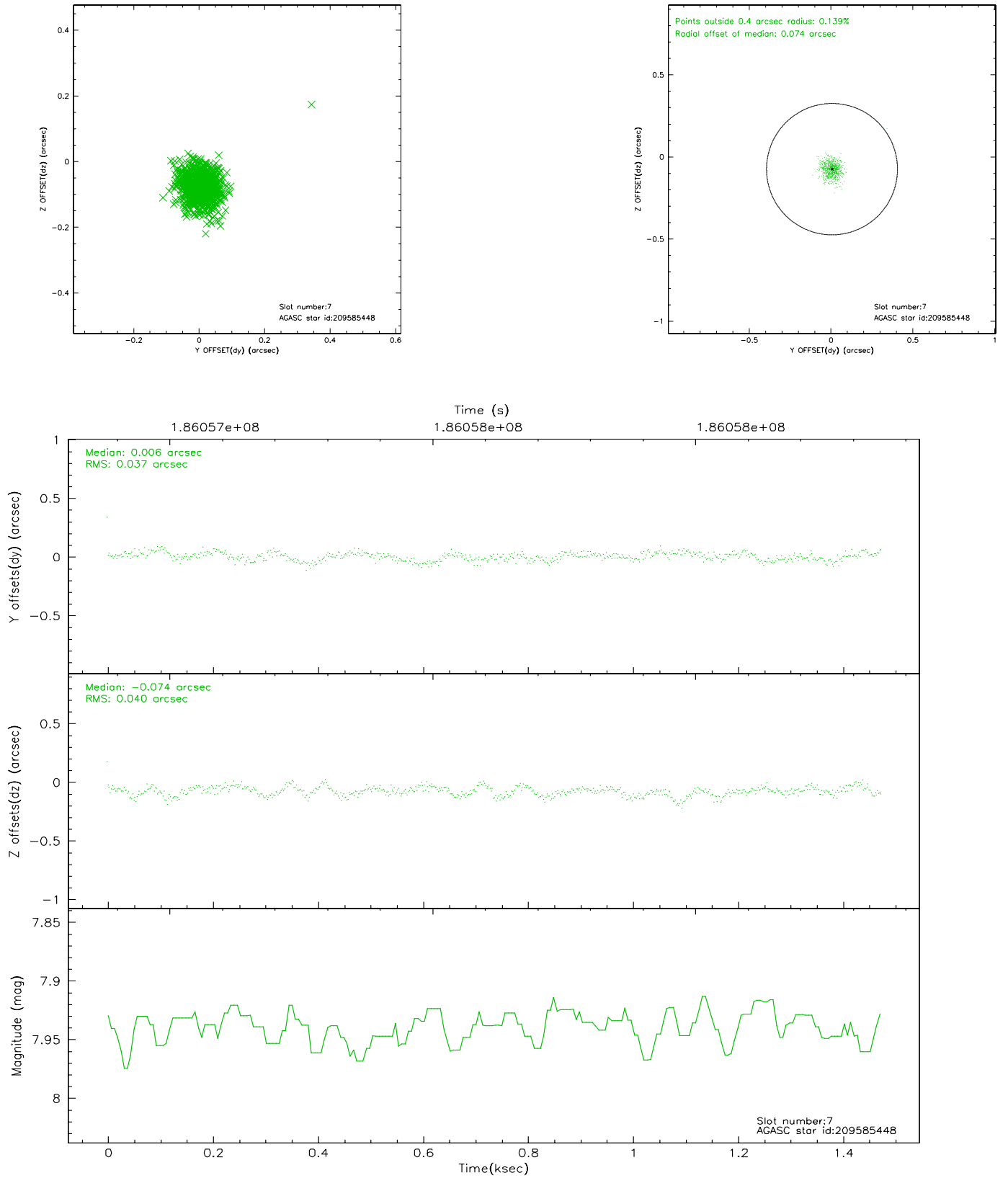
2.4.3 Slot 5



2.4.4 Slot 6

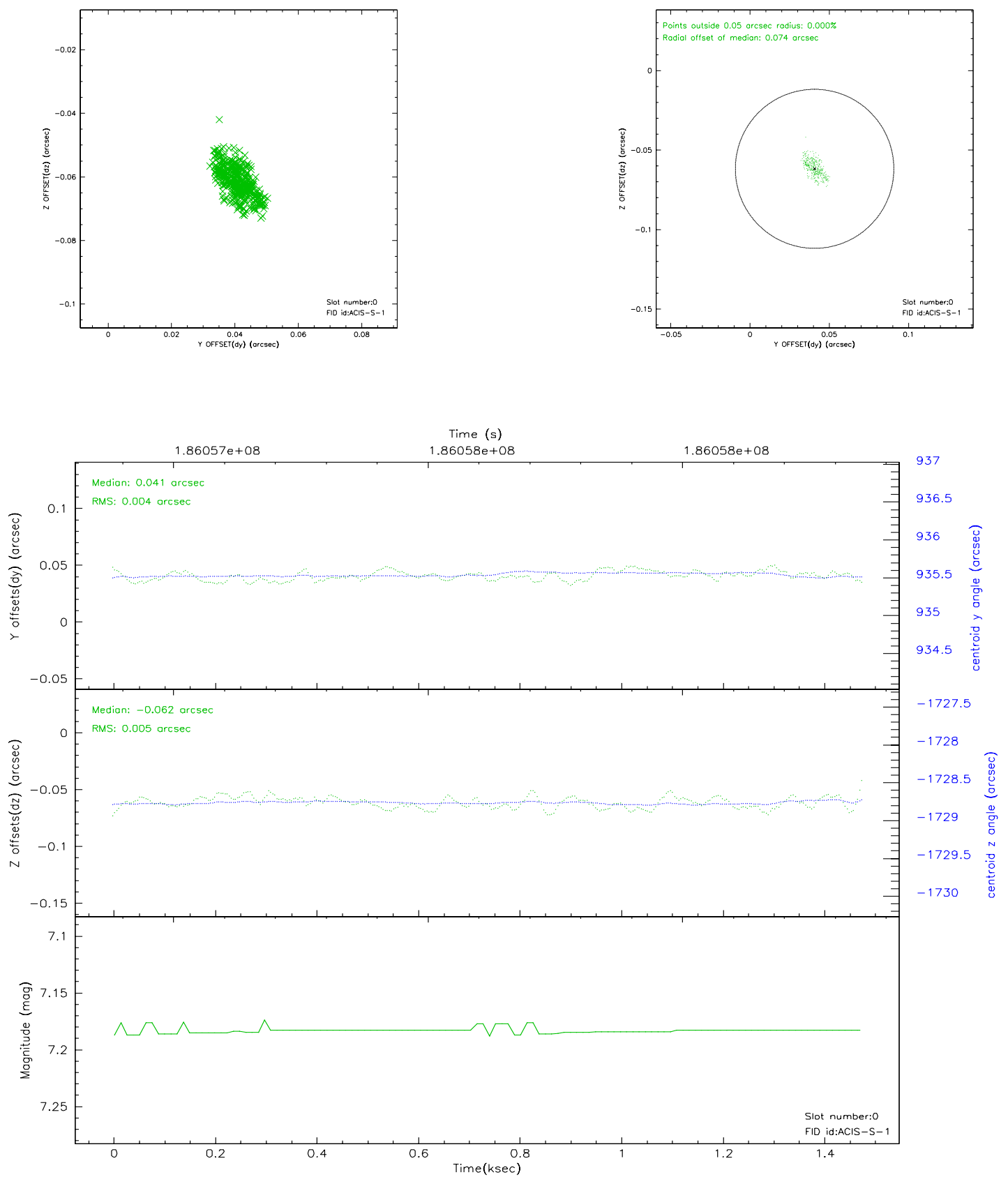


2.4.5 Slot 7

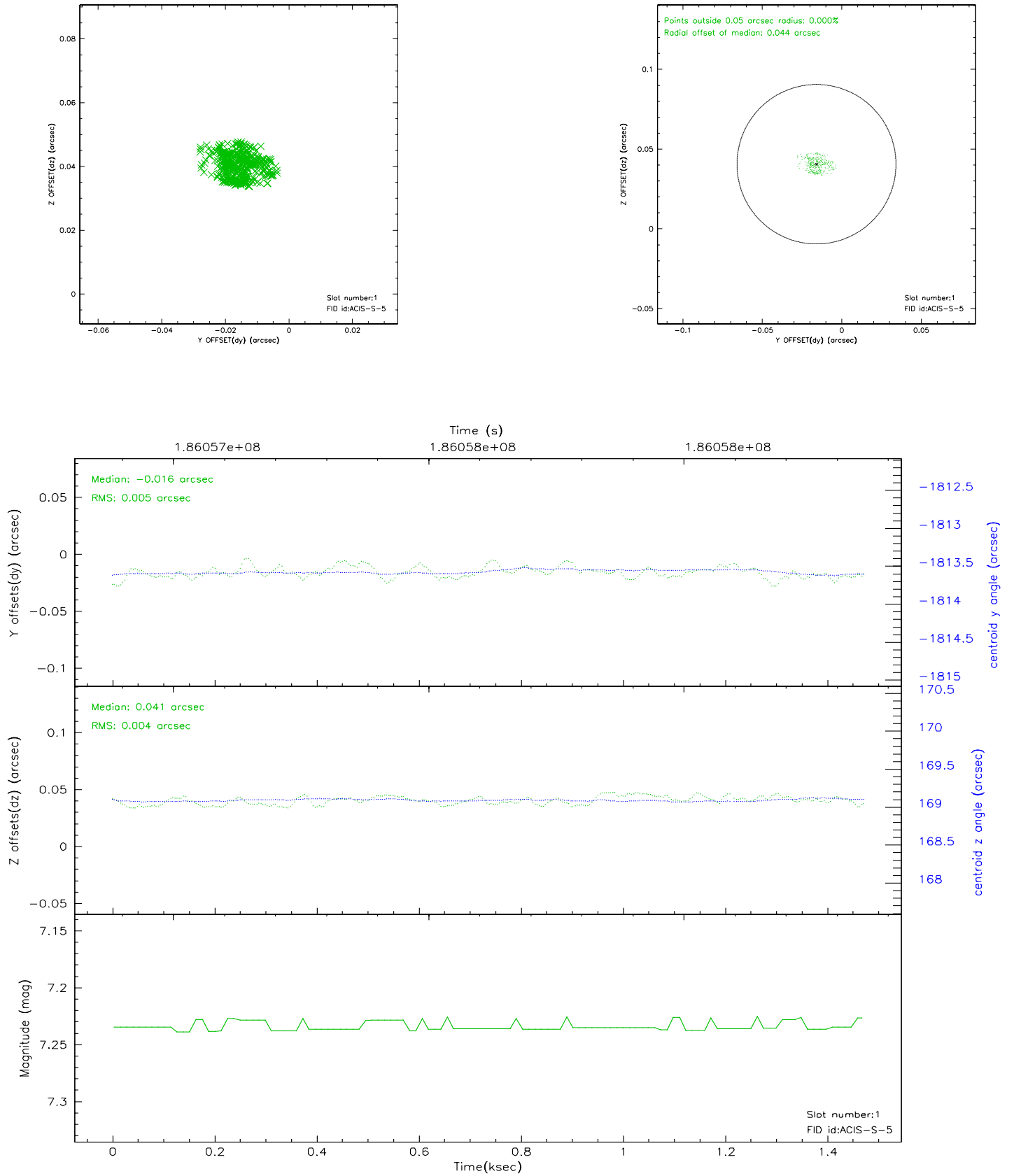


2.5 FID Slots

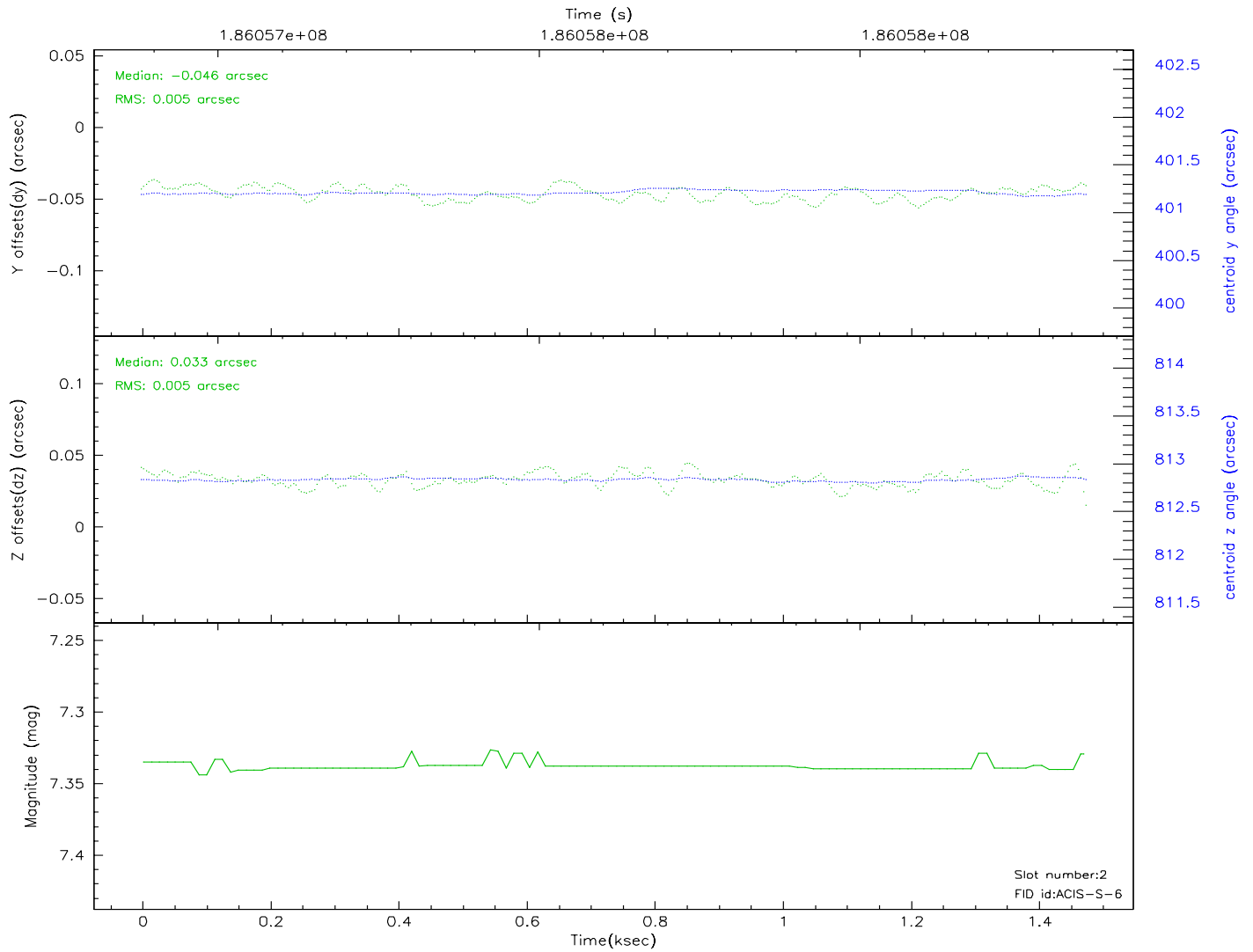
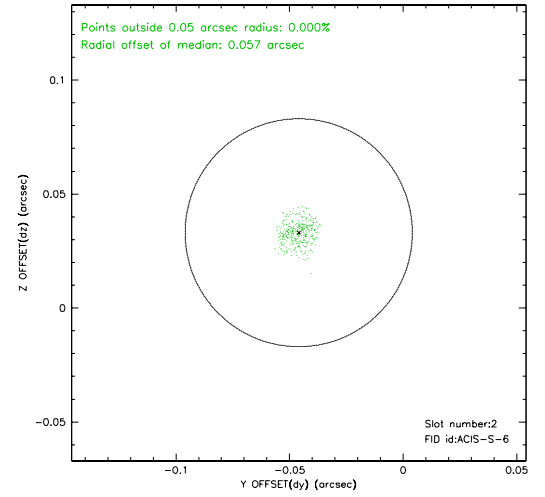
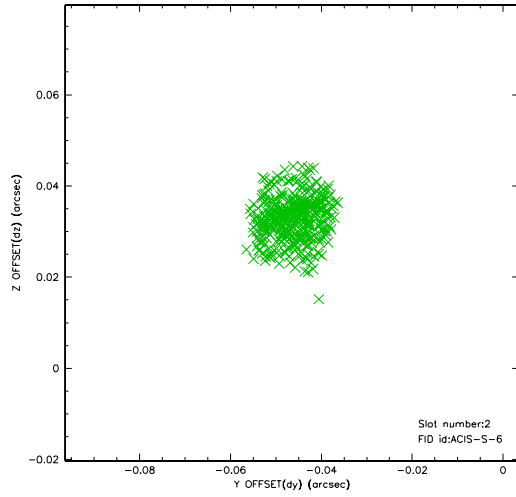
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

12.19 arcmin



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	1.475

A.2 Comments