

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5255 - L2 Version 001
Chandra X-Ray Center

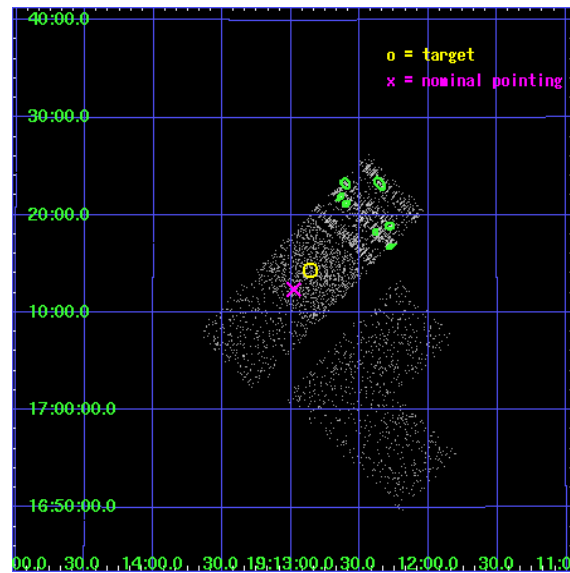
L2 Processing Date : Jun 26 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

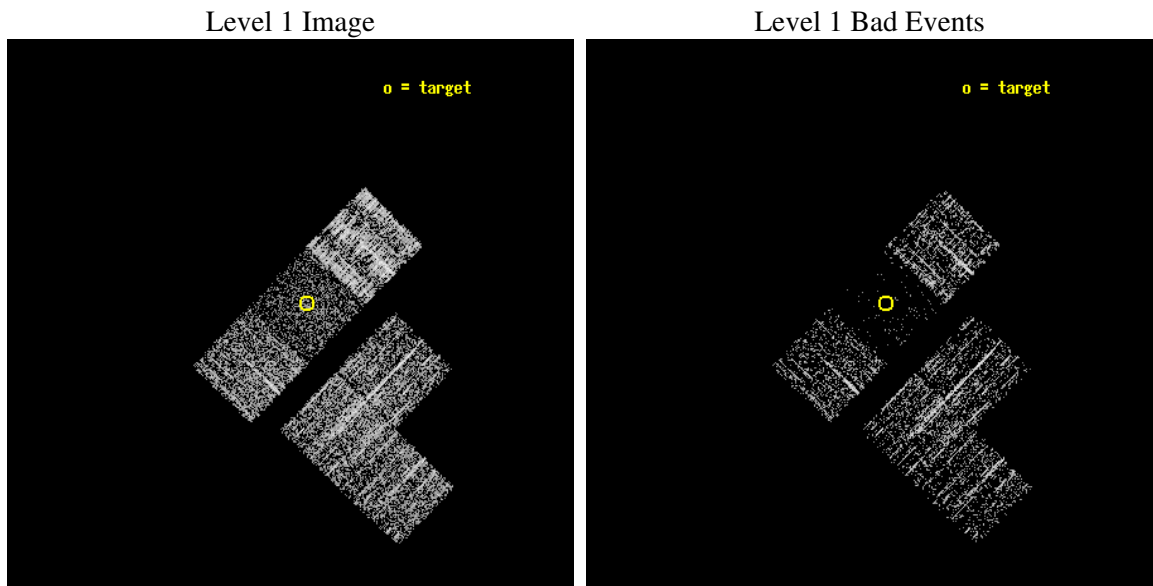
seq_num	100051
obs_id	5255
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	288.21467
dec_targ	17.2387
ra_nom	288.24485921662
dec_nom	17.206369875763
roll_nom	314.14770299691
revision	2
ontime	1478.3999944925
livetime	1459.6796035767
ontime0	1478.3999944925
ontime2	1478.3999944925
ontime3	1478.3999944925
ontime6	1478.3999944925
ontime7	1478.3999944925
ontime8	1478.3999944925
l2events	4515



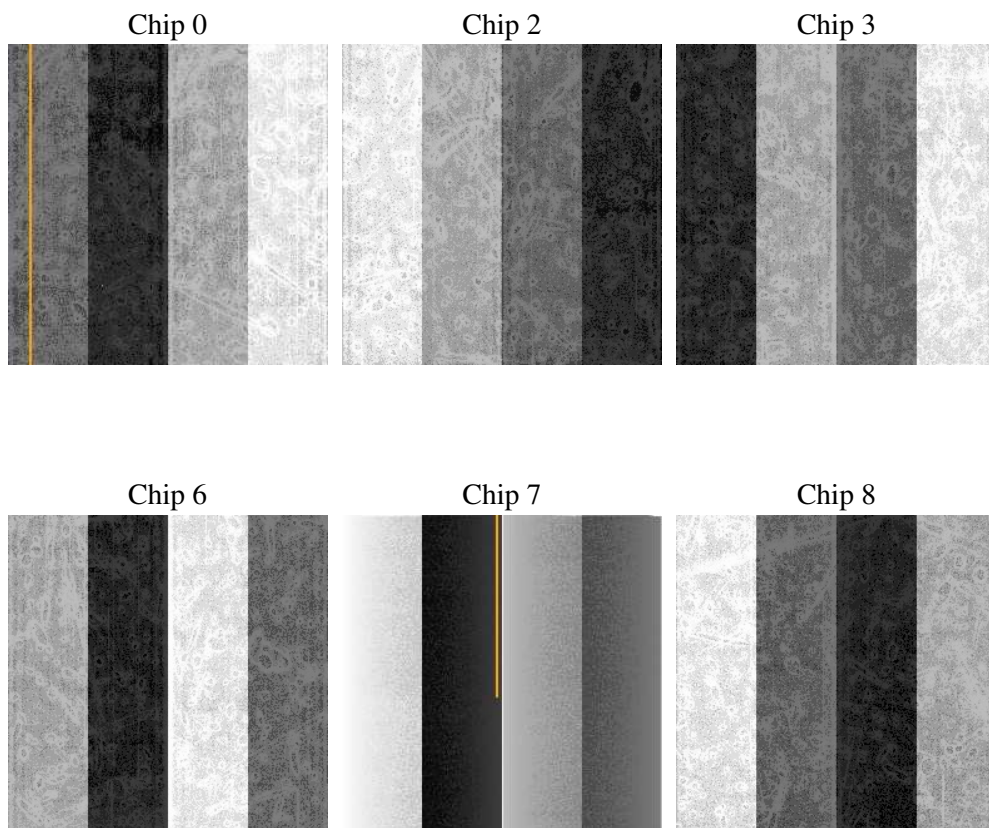
2 OBI

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	2006-06-26T17:08:34
revision	2

sched_exp_time	1290.885000
ontime	1801.9967279136
ontime0	1801.9967279136
ontime2	1801.9967279136
ontime3	1801.9967279136
ontime6	1801.9967279136
ontime7	1801.9967279136
ontime8	1801.9966979921
l1events	41452

2.1.4 Events

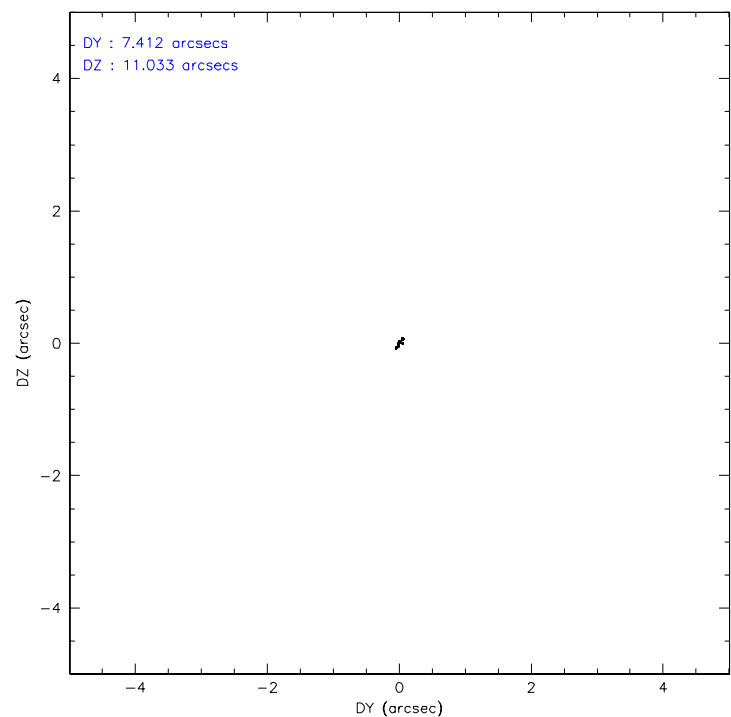
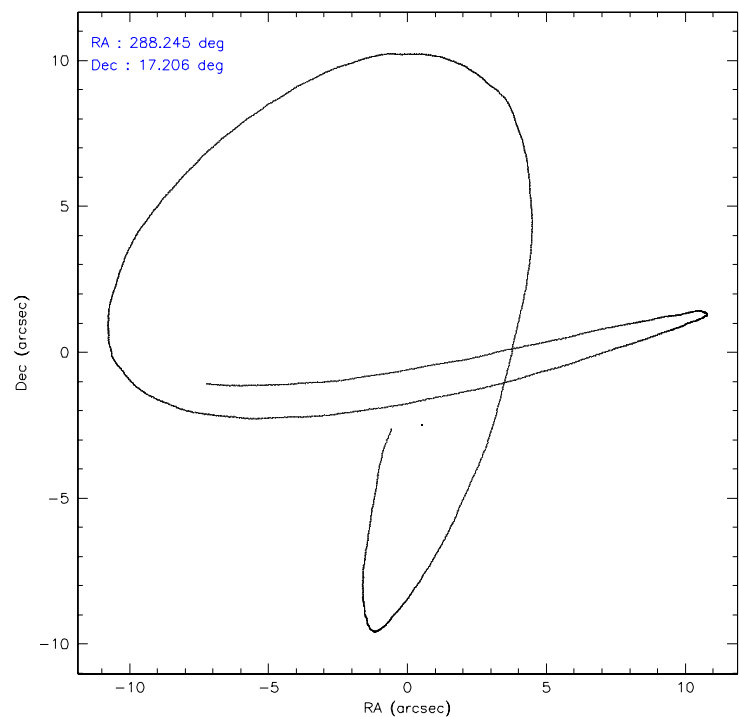
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5572	7375	6421	6342	2312	13430
rejected events	5070	6826	6062	5797	992	8300
rejected %	90%	92%	94%	91%	42%	61%

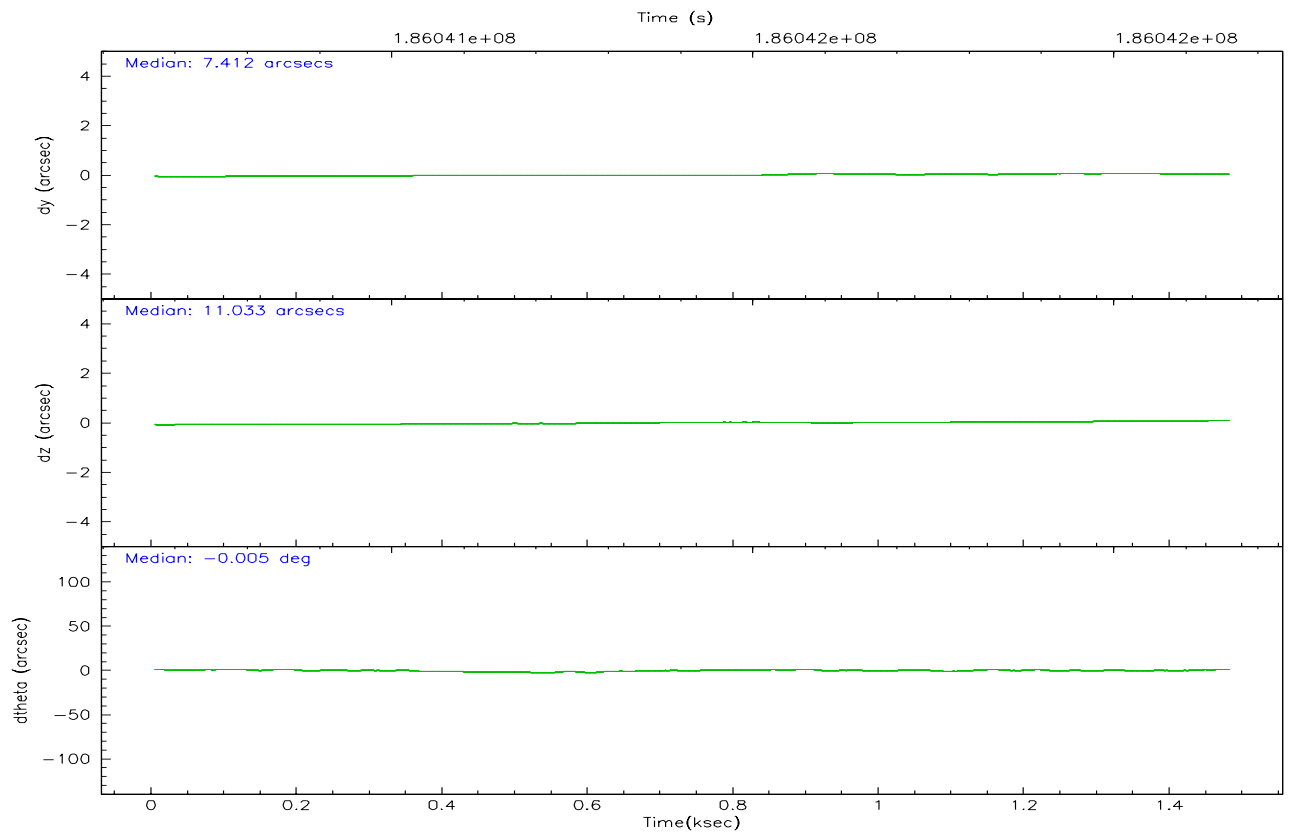
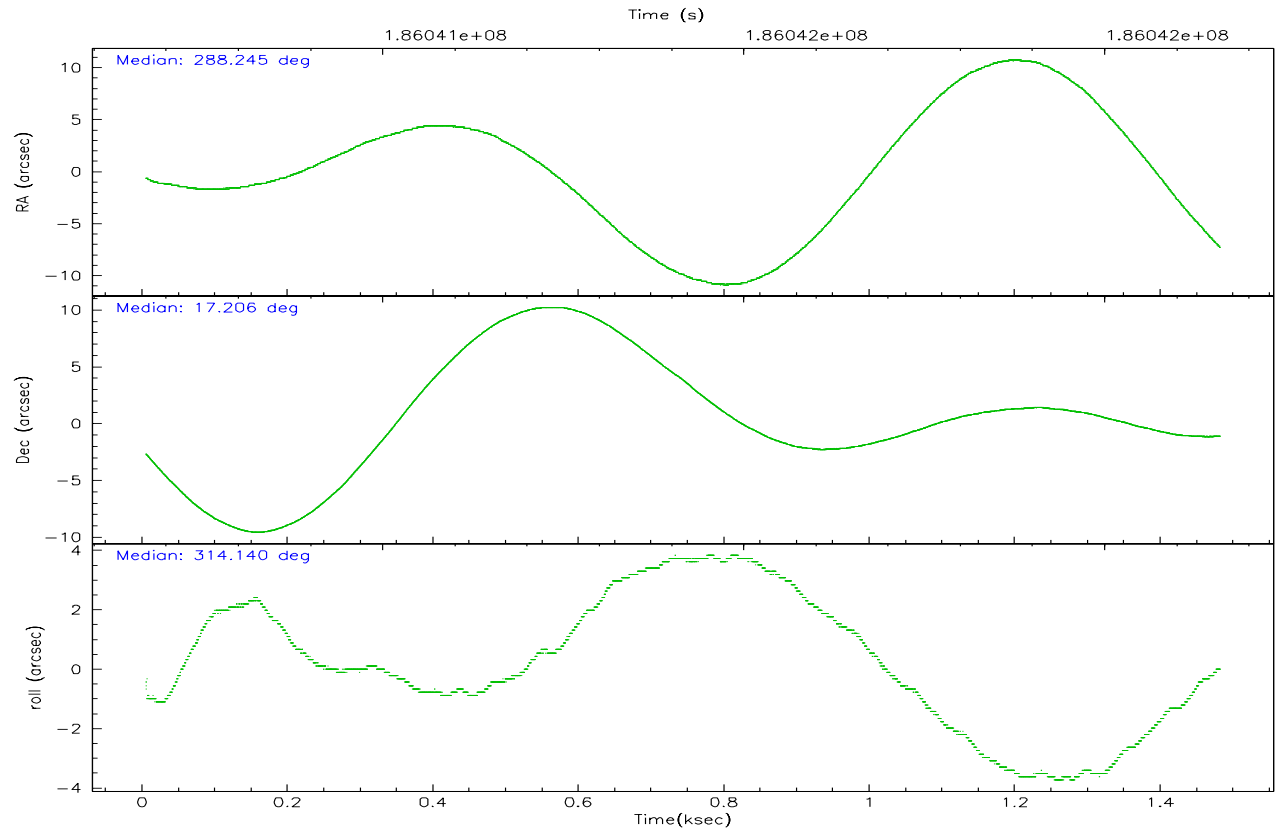
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	270	314	213	327	392	1787
	4%	4%	3%	5%	16%	13%
grade 1 events	3	6	4	2	6	18
	0%	0%	0%	0%	0%	0%
grade 2 events	181	175	89	179	476	1158
	3%	2%	1%	2%	20%	8%
grade 3 events	45	47	37	40	161	940
	0%	0%	0%	0%	6%	6%
grade 4 events	60	62	50	50	141	864
	1%	0%	0%	0%	6%	6%
grade 5 events	45	41	52	45	158	189
	0%	0%	0%	0%	6%	1%
grade 6 events	62	69	46	62	453	1798
	1%	0%	0%	0%	19%	13%
grade 7 events	4906	6661	5930	5637	525	6676
	88%	90%	92%	88%	22%	49%

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	288.217053	288.2448592166155	Alternating exposures requested	N	N
Pointing Dec	17.213794	17.206369875763	Primary exposure time	0.000000	3.2
Pointing Roll	313.999287	314.1477029969073			
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	186040864.184000	186040487.70634			
Observation start date	2003-11-24T06:00:00	2003-11-24T05:54:47			
Observation end time	186042154.184000	186042288.63142			
Observation end date	2003-11-24T06:21:30	2003-11-24T06:24:48			
Read mode	TIMED	TIMED			

2.3 Aspect



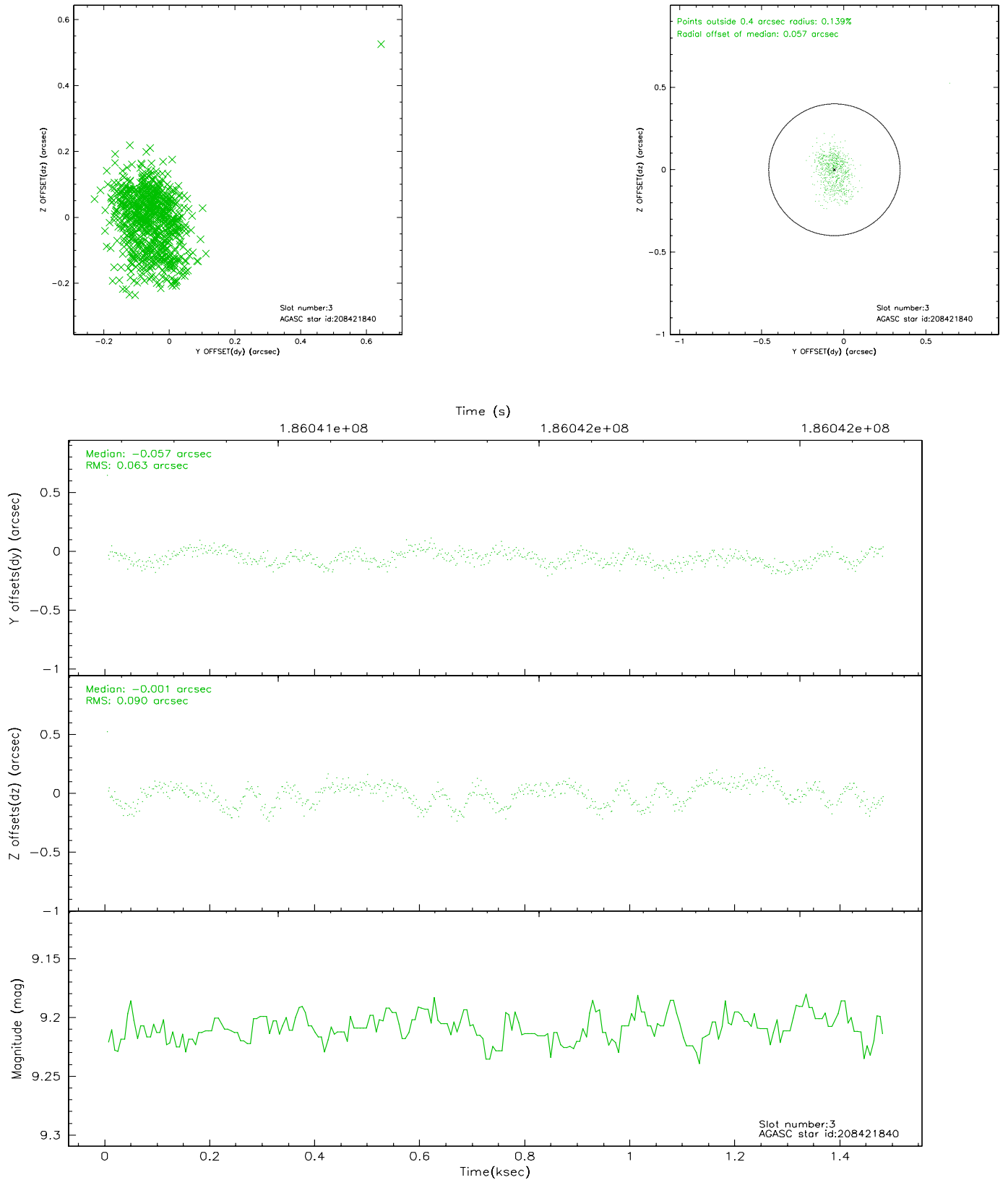


Slot Statistics

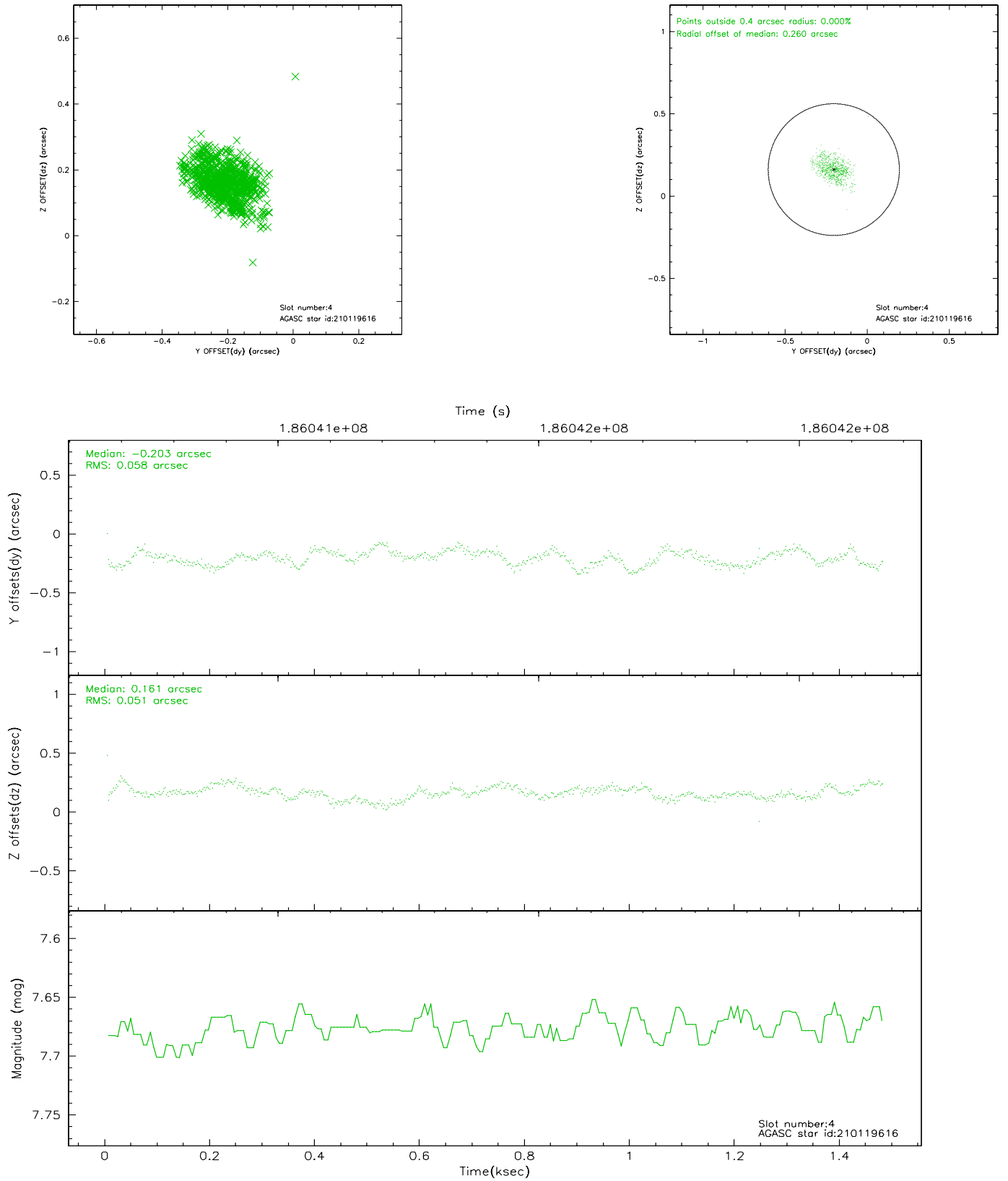
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	361	0.002	-0.048	0.011	0.025	0.000000	0.000000	935.85	-1727.98
1	FID	ACIS-S-4	7.20	361	-0.000	0.037	0.011	0.023	0.000000	0.000000	2155.75	171.64
2	FID	ACIS-S-5	7.23	361	-0.027	0.024	0.008	0.017	0.000000	0.000000	-1807.28	170.29
3	GUIDE	208421840	9.21	719	-0.057	-0.001	0.110	0.192	287.570311	16.918850	-787.27	-2337.02
4	GUIDE	210119616	7.68	722	-0.203	0.161	0.082	0.133	288.118619	18.001946	-2278.16	1725.80
5	GUIDE	210120944	8.41	722	0.007	0.086	0.054	0.087	288.245736	17.506735	-694.79	806.27
6	GUIDE	209585448	7.94	721	-0.005	-0.054	0.047	0.075	288.114724	16.850123	695.58	-1161.54
7	GUIDE	209596088	9.38	720	0.263	-0.184	0.112	0.198	288.150718	16.305149	2194.14	-2438.27

2.4 Star Slots

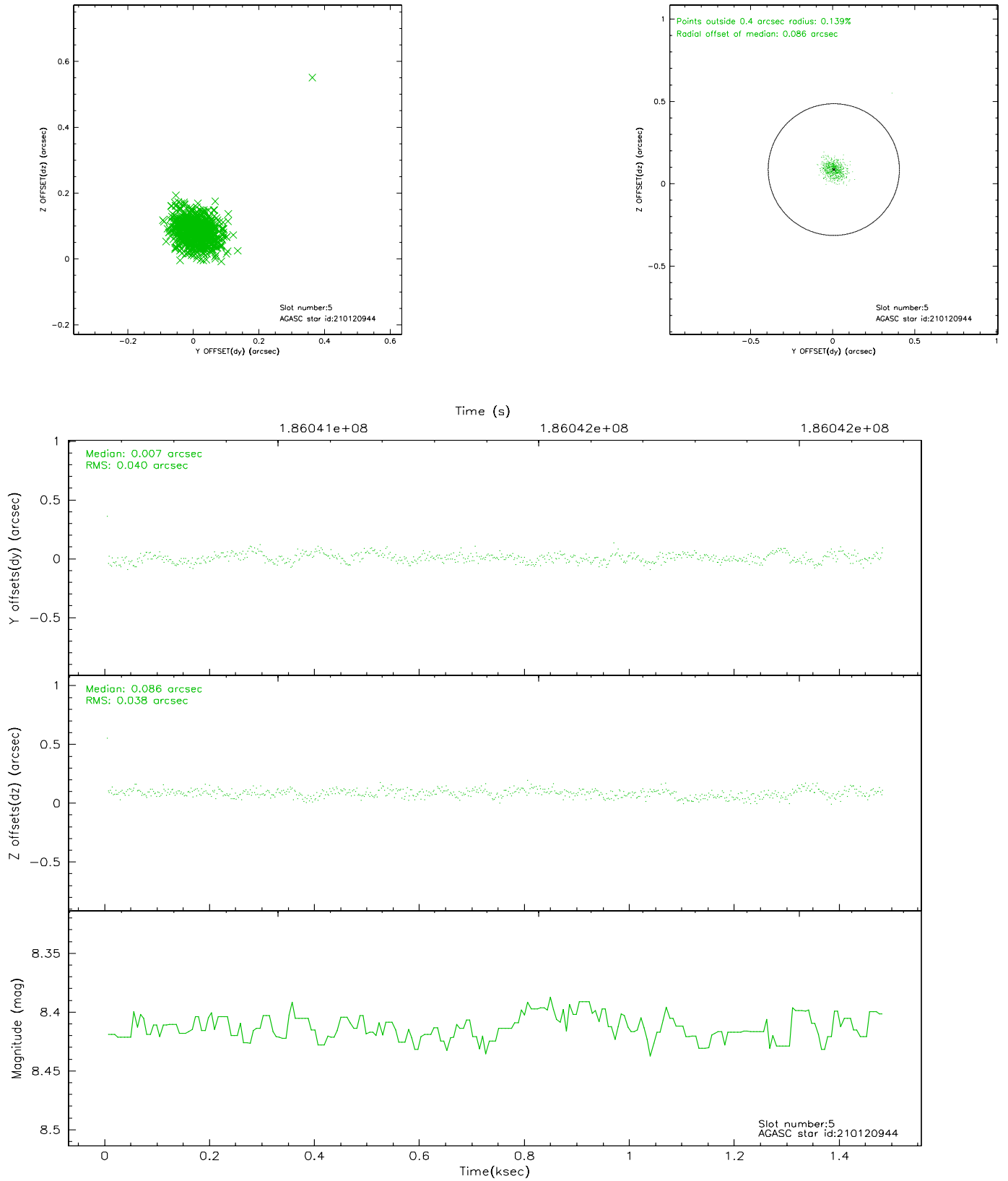
2.4.1 Slot 3



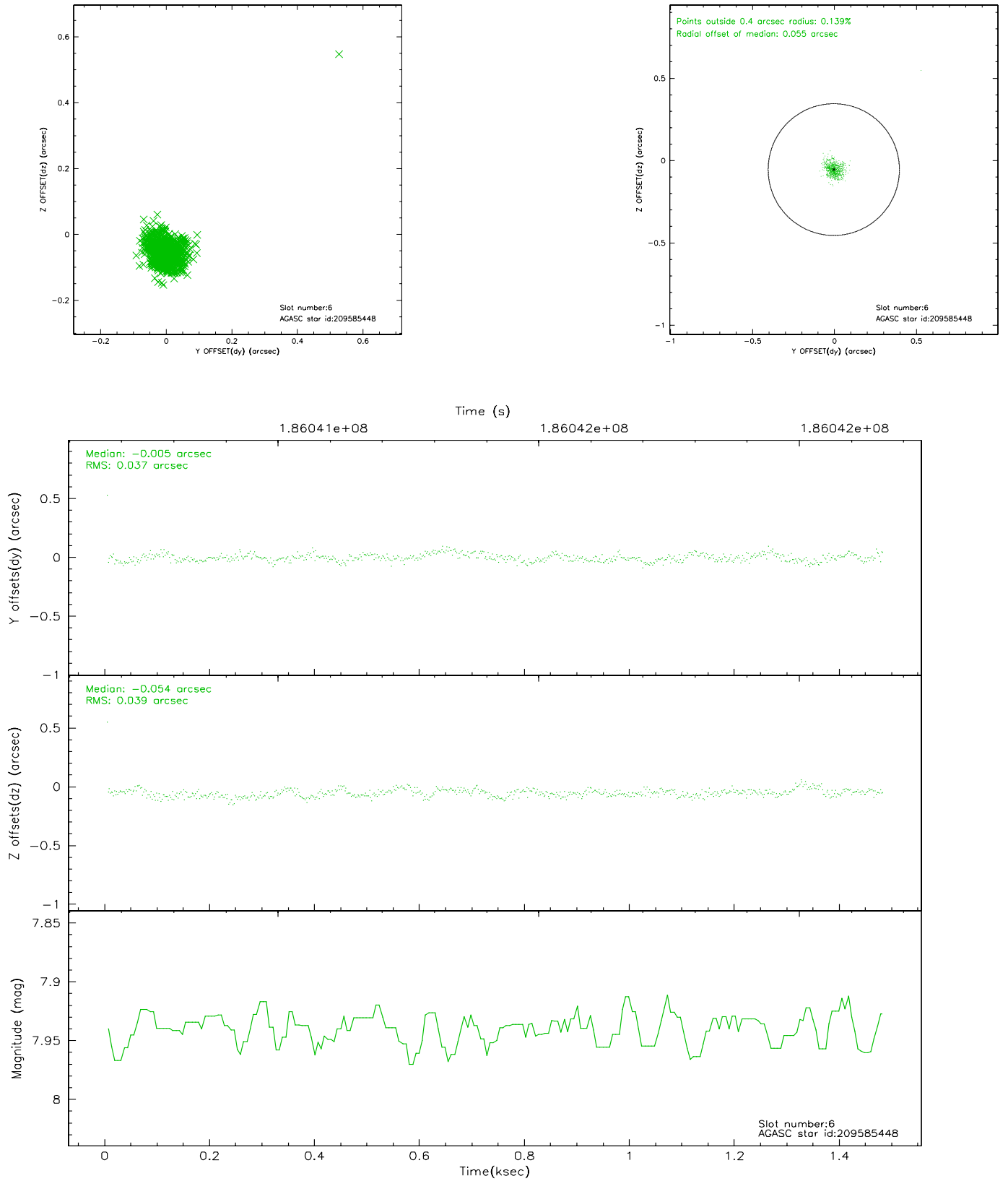
2.4.2 Slot 4



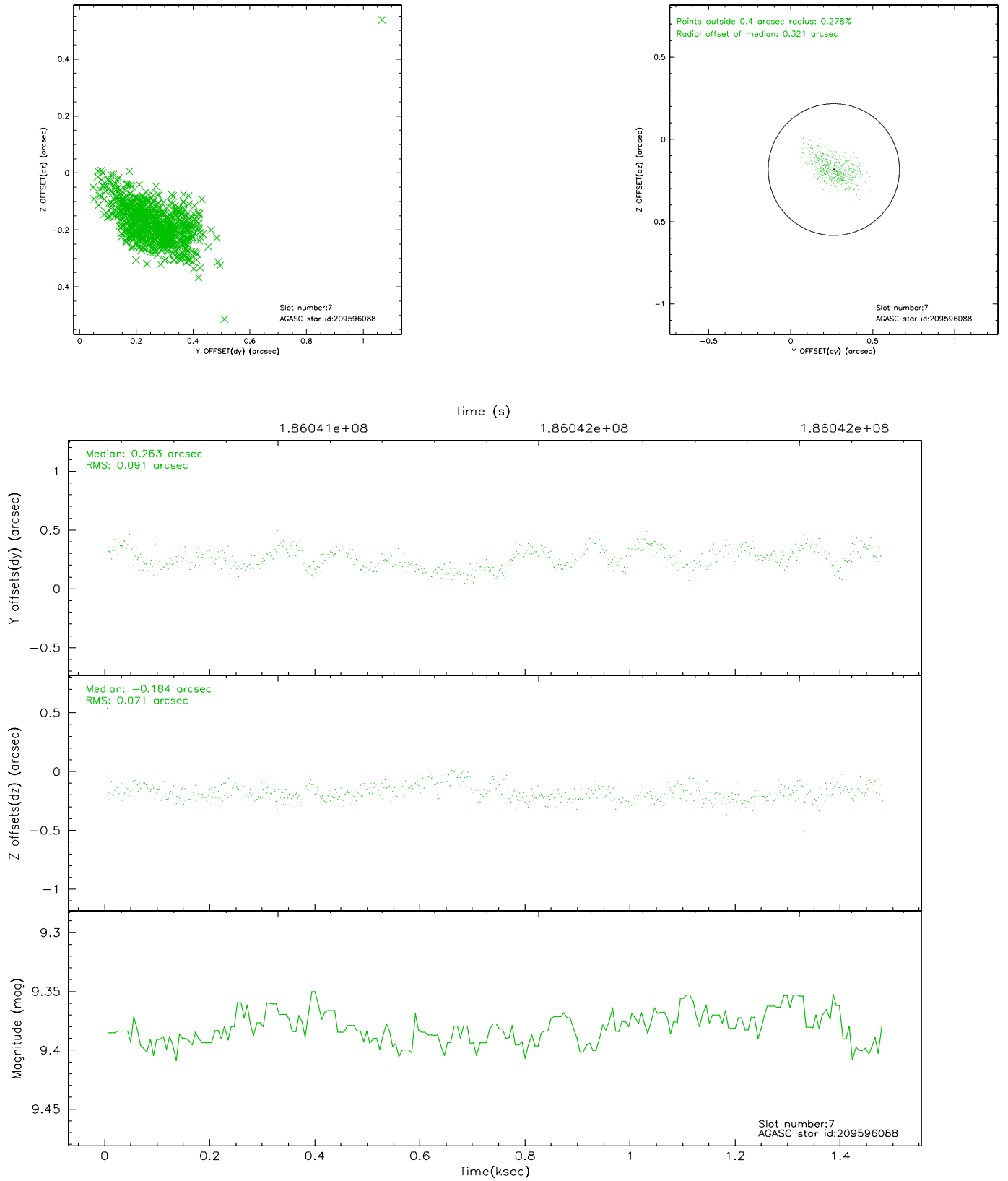
2.4.3 Slot 5



2.4.4 Slot 6

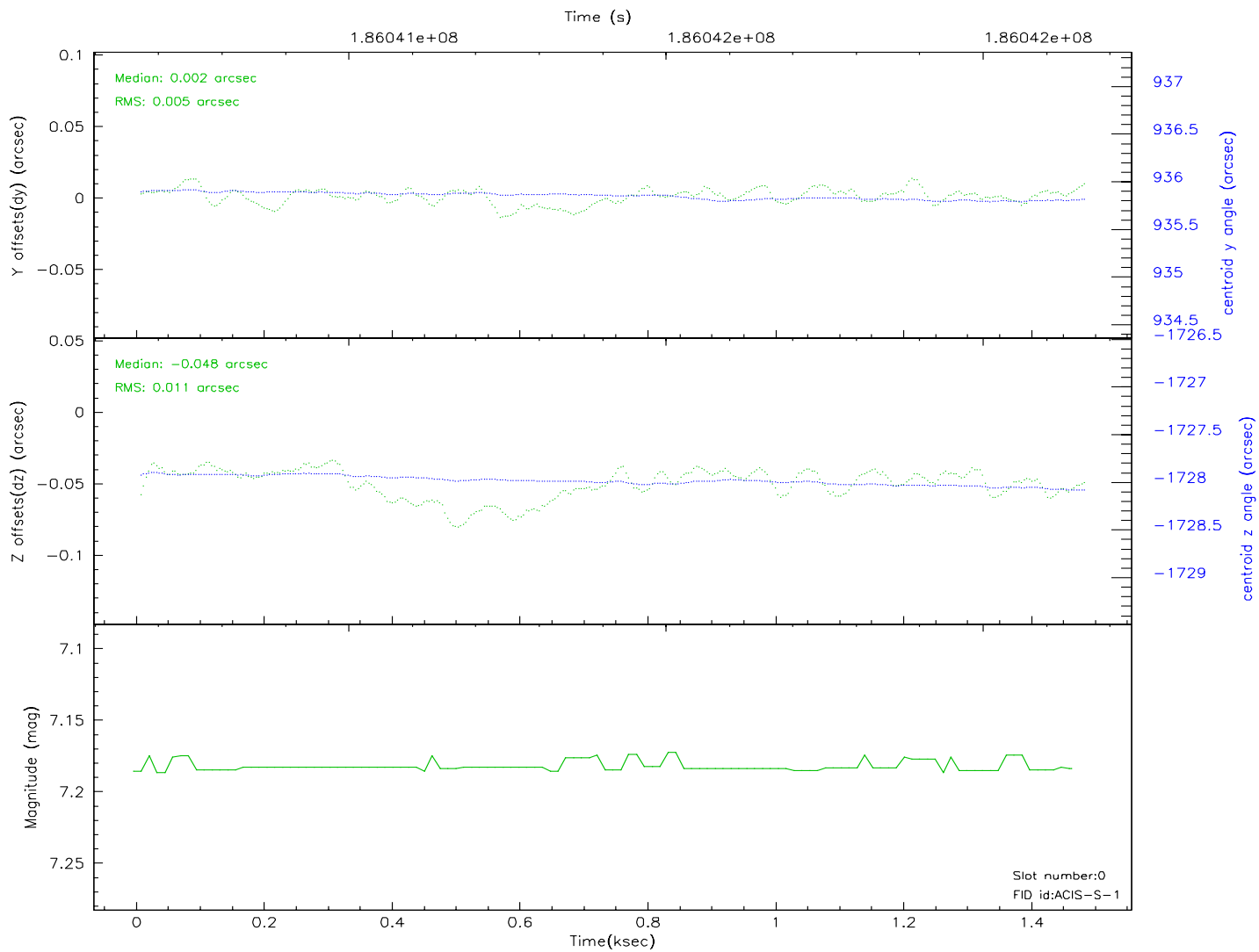
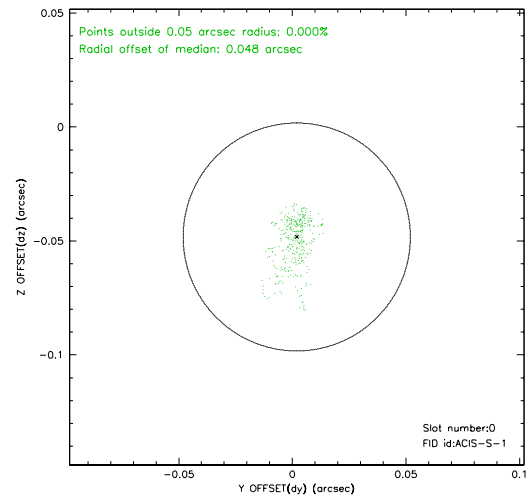
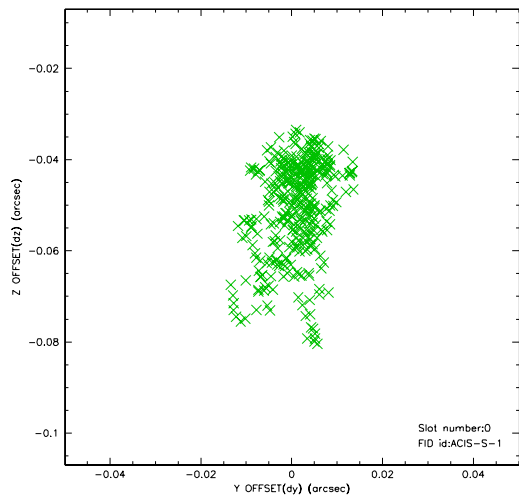


2.4.5 Slot 7

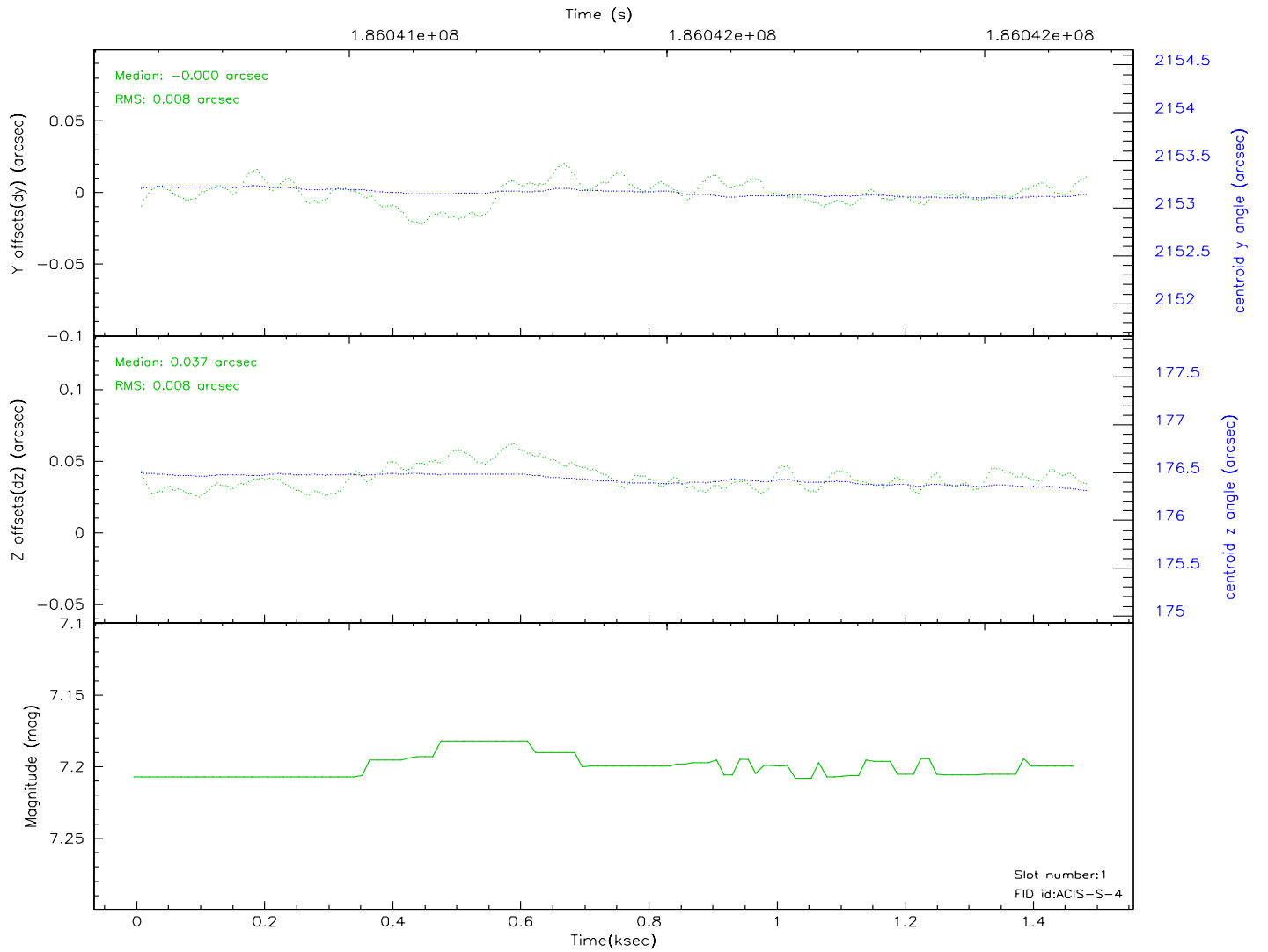
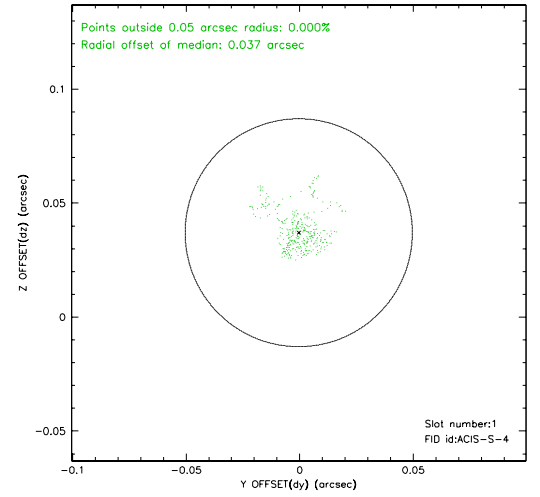
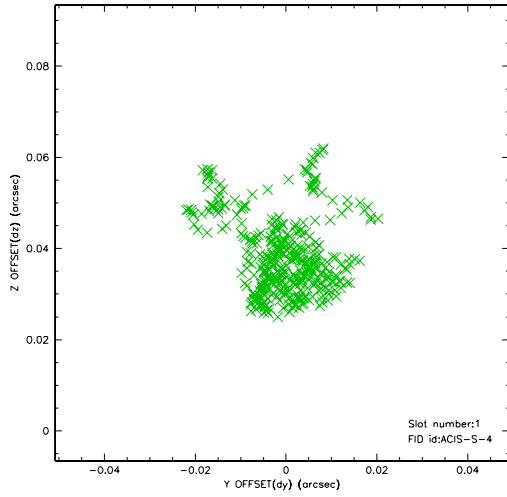


2.5 FID Slots

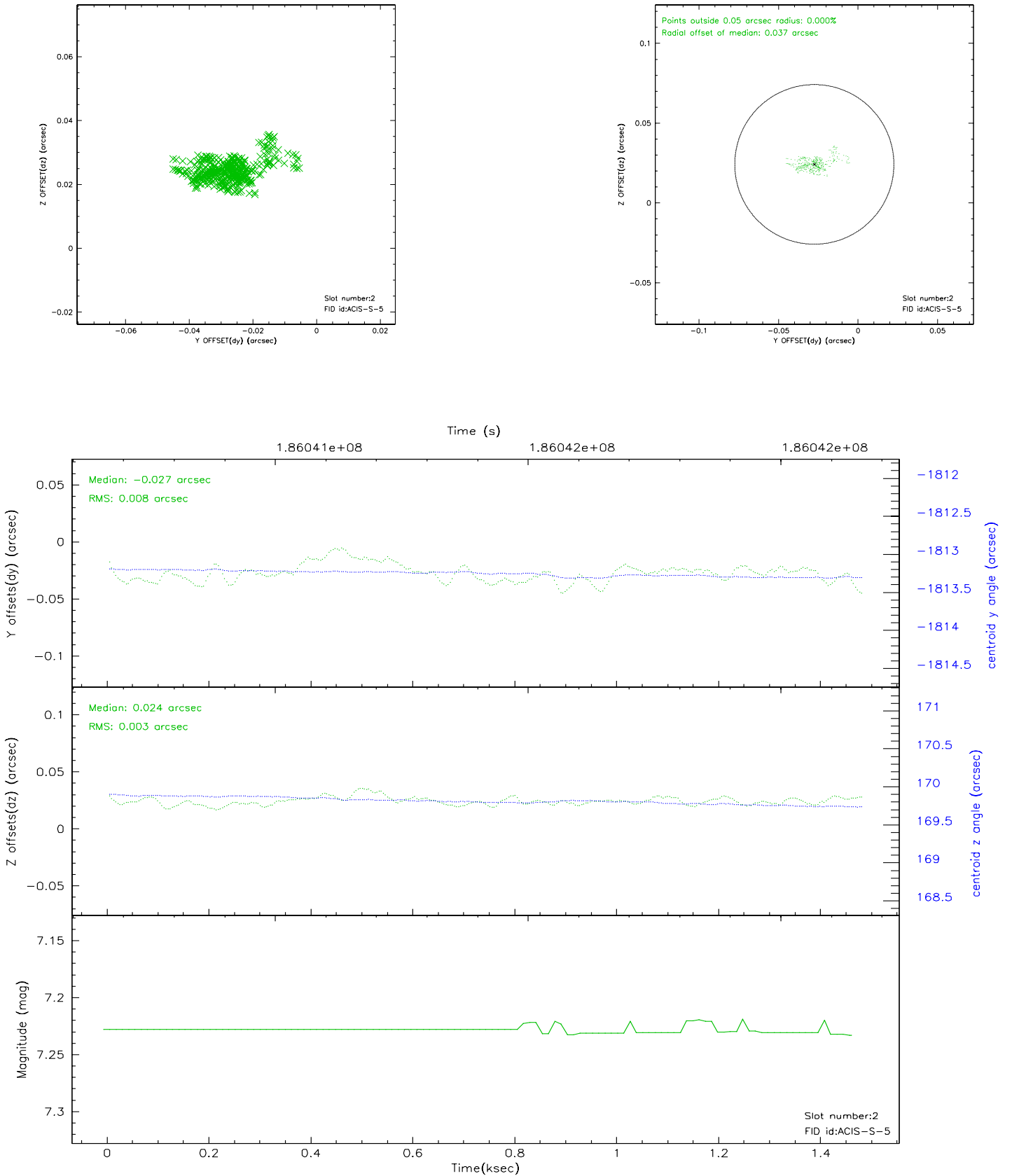
2.5.1 Slot 0



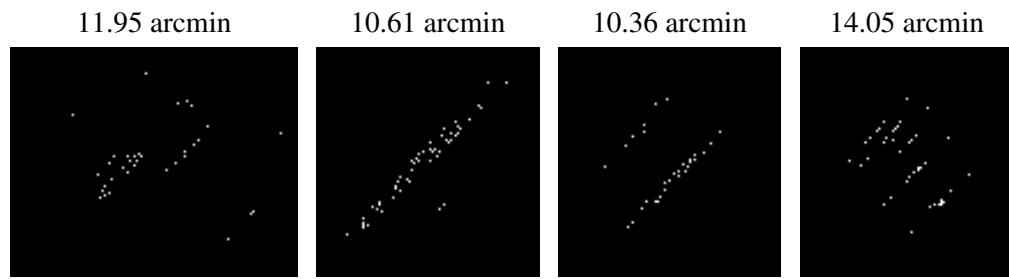
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.478

A.2 Comments