

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5257 - L2 Version 001
Chandra X-Ray Center

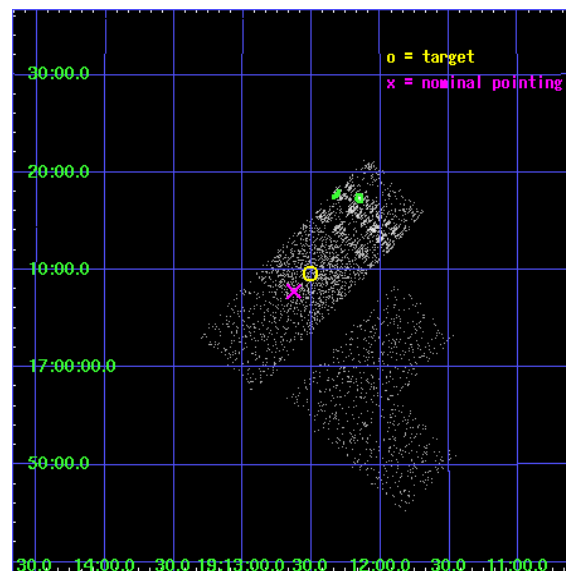
L2 Processing Date : Jun 26 2006

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

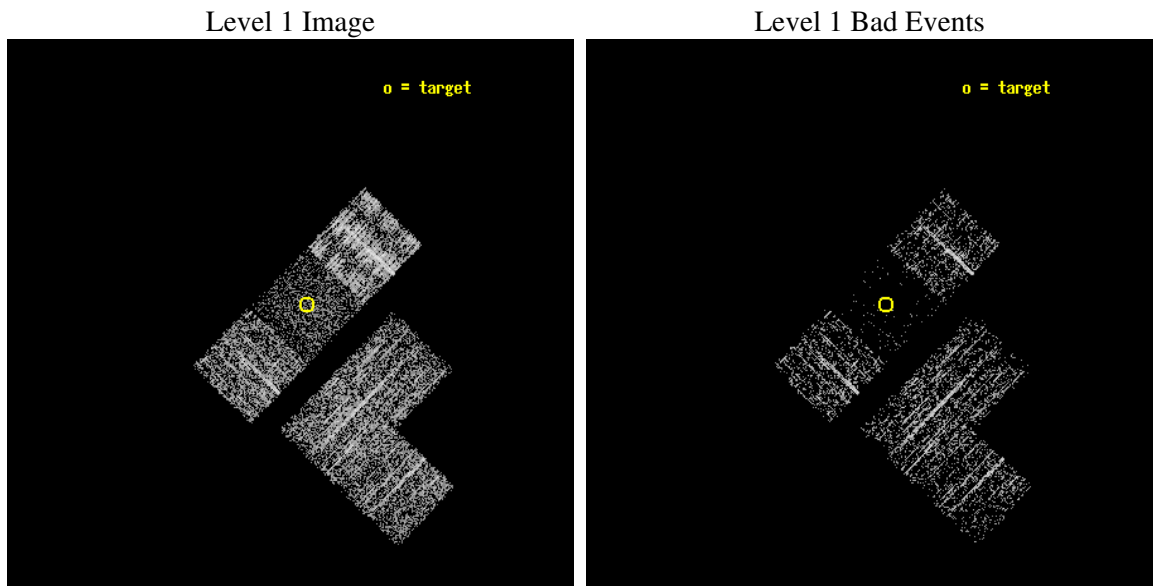
seq_num	100051
obs_id	5257
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	288.12754
dec_targ	17.16178
ra_nom	288.15716590913
dec_nom	17.129948980451
roll_nom	314.14790028212
revision	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	4293



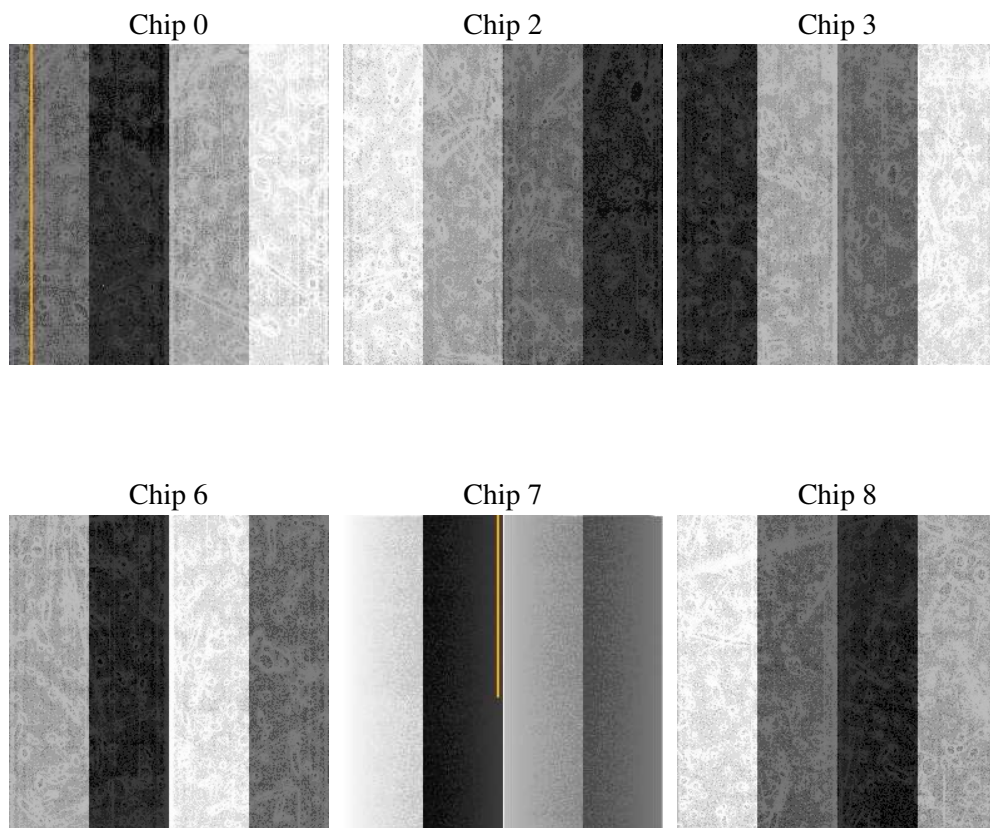
2 OBI

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	2006-06-26T17:18:16
revision	2

sched_exp_time	1290.000000
ontime	1798.7558777928
ontime0	1798.7558777928
ontime2	1798.7558777928
ontime3	1798.7558777928
ontime6	1798.7558777928
ontime7	1798.7558777928
ontime8	1798.7558777928
l1events	39541

2.1.4 Events

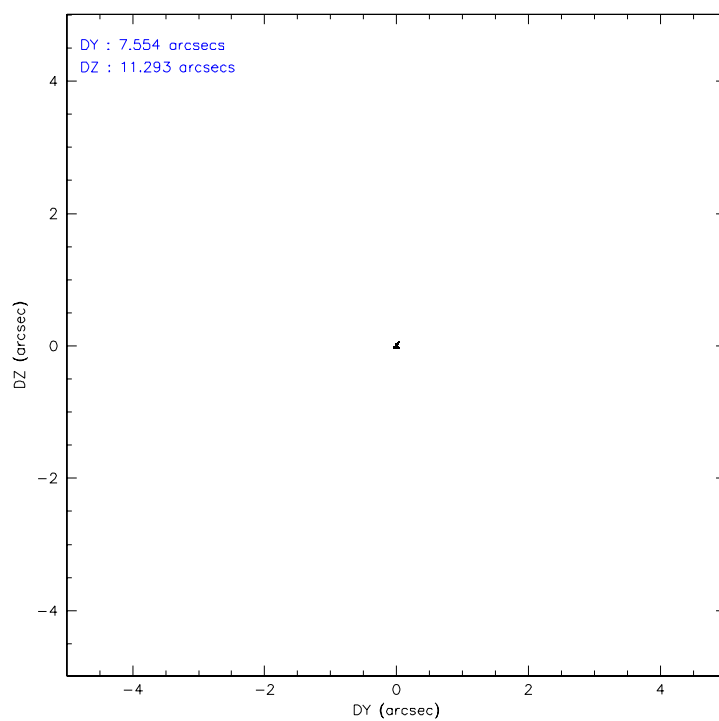
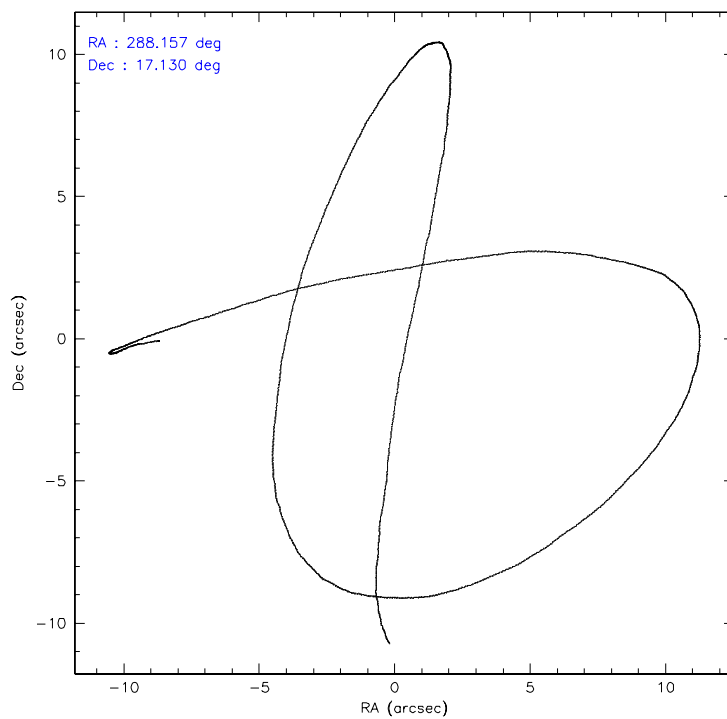
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5919	7409	5765	6676	2214	11558
rejected events	5459	6850	5446	6170	921	6466
rejected %	92%	92%	94%	92%	41%	55%

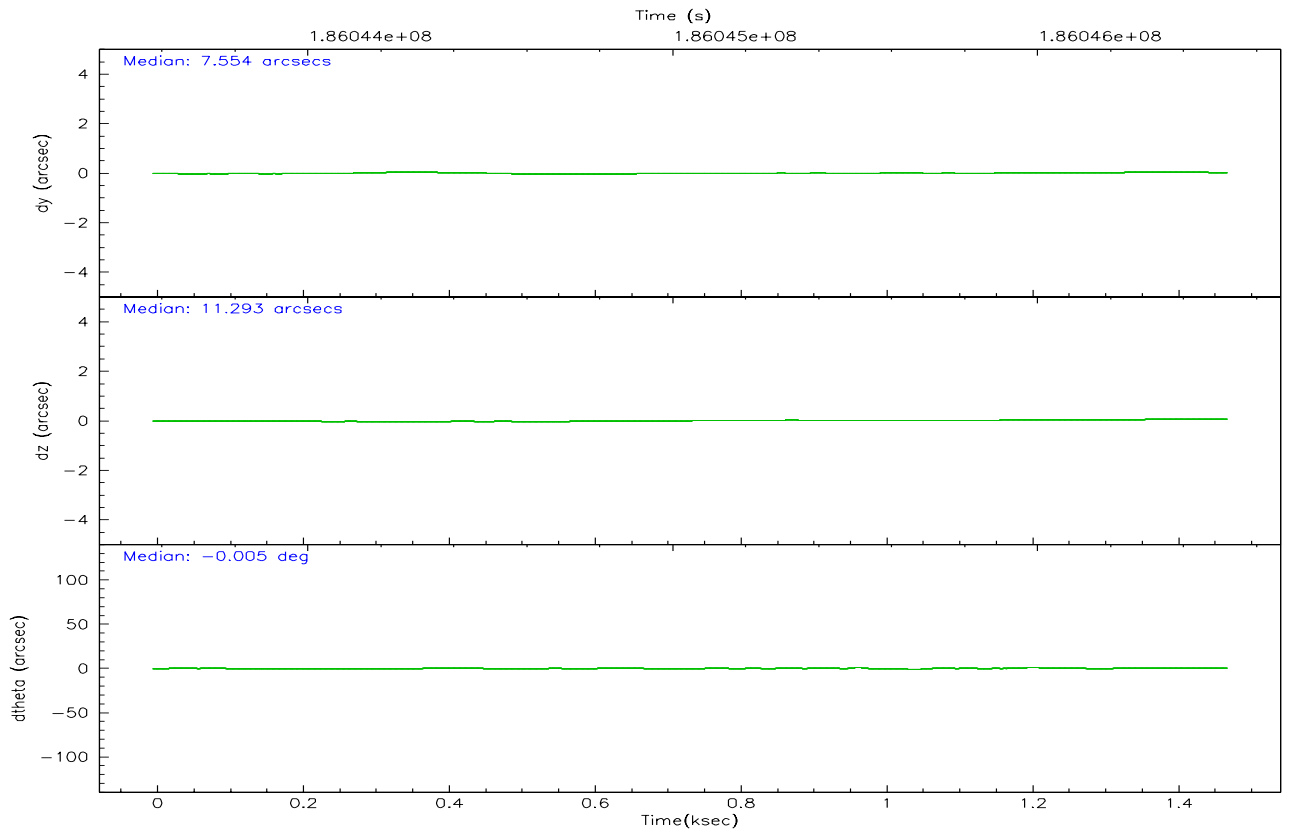
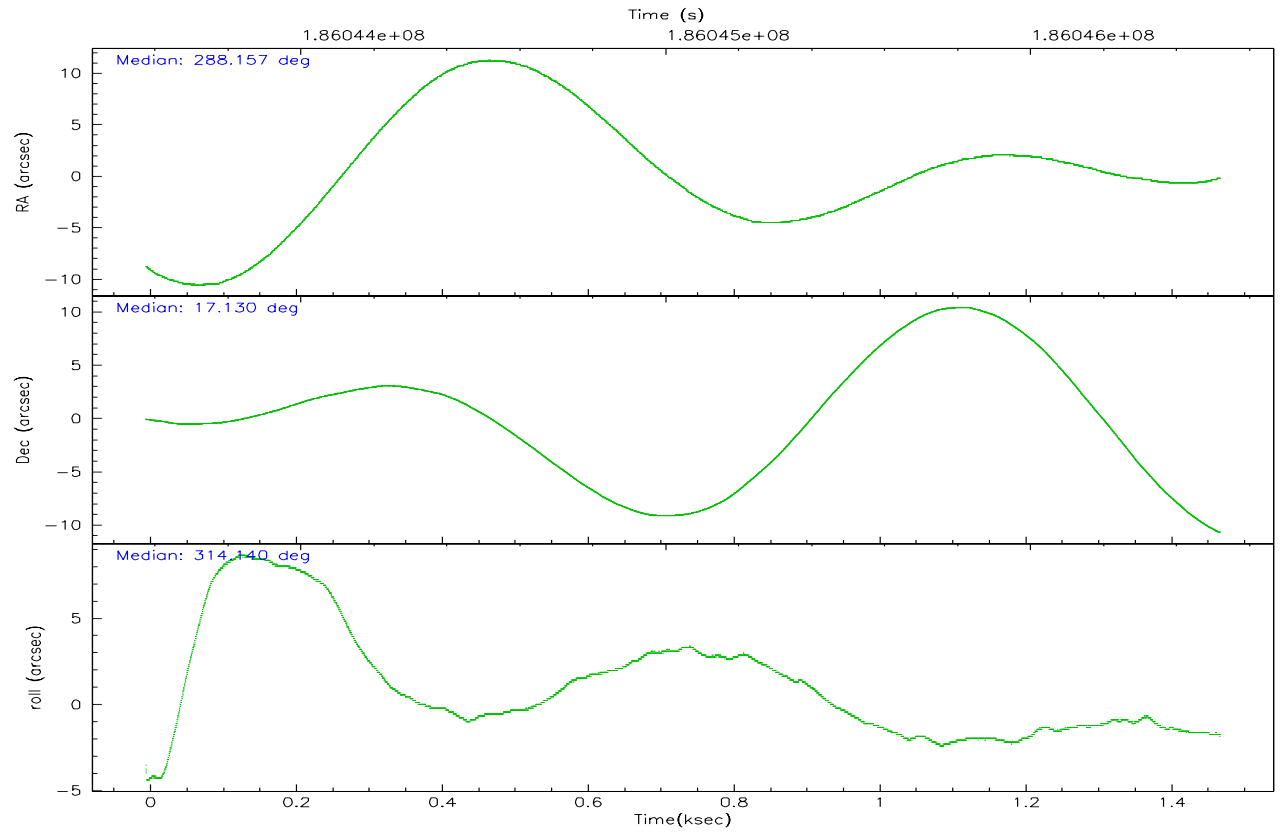
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	226	309	194	287	364	1899
	3%	4%	3%	4%	16%	16%
grade 1 events	3	3	4	6	2	16
	0%	0%	0%	0%	0%	0%
grade 2 events	157	209	76	155	470	818
	2%	2%	1%	2%	21%	7%
grade 3 events	53	55	41	62	137	1135
	0%	0%	0%	0%	6%	9%
grade 4 events	51	65	36	54	147	965
	0%	0%	0%	0%	6%	8%
grade 5 events	44	45	52	54	143	182
	0%	0%	0%	0%	6%	1%
grade 6 events	65	52	39	59	437	1359
	1%	0%	0%	0%	19%	11%
grade 7 events	5320	6671	5323	5999	514	5184
	89%	90%	92%	89%	23%	44%

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	288.129927	288.1571659091288	Alternating exposures requested	N	N
Pointing Dec	17.136867	17.12994898045075	Primary exposure time	0.000000	3.2
Pointing Roll	313.999294	314.1479002821249			
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	186044464.184000	186044088.5315			
Observation start date	2003-11-24T07:00:00	2003-11-24T06:54:48			
Observation end time	186045754.184000	186045888.43157			
Observation end date	2003-11-24T07:21:30	2003-11-24T07:24:48			
Read mode	TIMED	TIMED			

2.3 Aspect



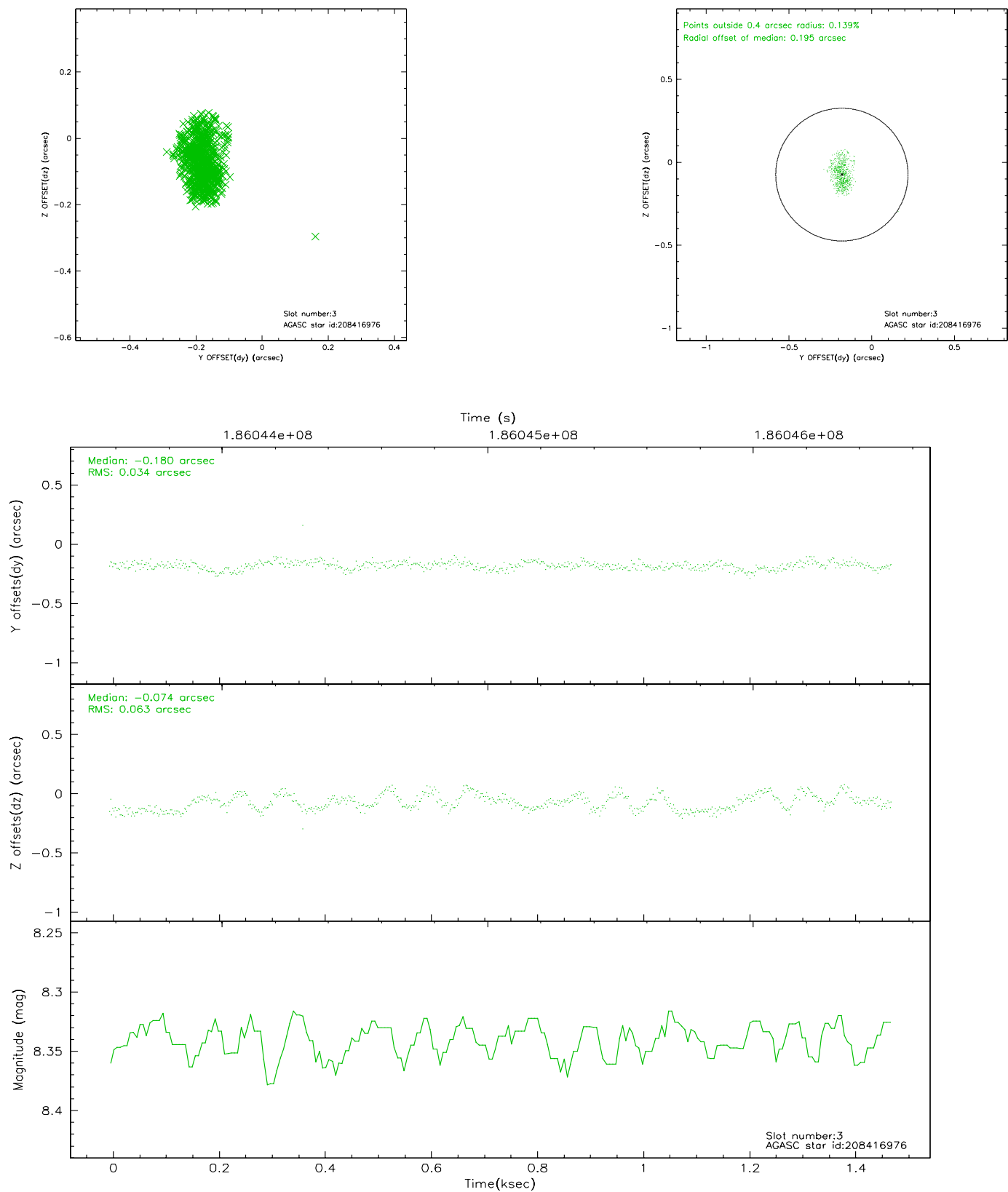


Slot Statistics

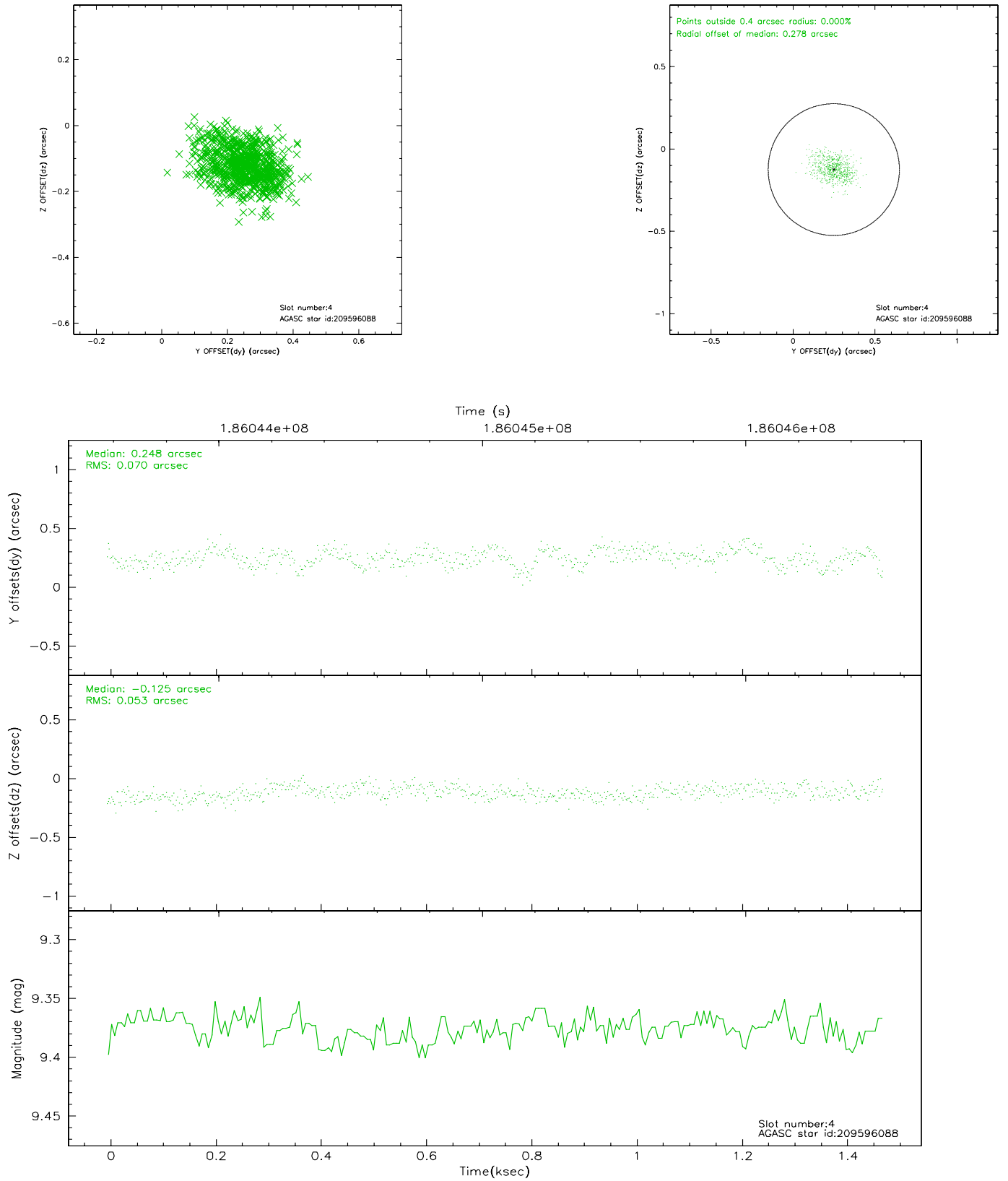
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	360	-0.013	0.022	0.006	0.011	0.000000	0.000000	-760.31	-1732.56
1	FID	ACIS-S-4	7.20	360	0.010	0.000	0.004	0.008	0.000000	0.000000	2150.92	171.28
2	FID	ACIS-S-5	7.23	360	-0.028	-0.013	0.006	0.010	0.000000	0.000000	-1807.42	170.00
3	GUIDE	208416976	8.34	720	-0.180	-0.074	0.077	0.121	287.326965	17.073967	-1759.33	-2141.08
4	GUIDE	209596088	9.38	720	0.248	-0.125	0.094	0.152	288.150718	16.305149	2203.16	-2030.51
5	GUIDE	210119616	7.68	719	-0.179	0.124	0.068	0.118	288.118619	18.001946	-2263.36	2133.25
6	GUIDE	210120944	8.41	720	0.038	0.094	0.069	0.112	288.245736	17.506735	-683.69	1214.64
7	GUIDE	209585448	7.95	719	0.068	-0.016	0.078	0.114	288.114724	16.850123	707.60	-752.56

2.4 Star Slots

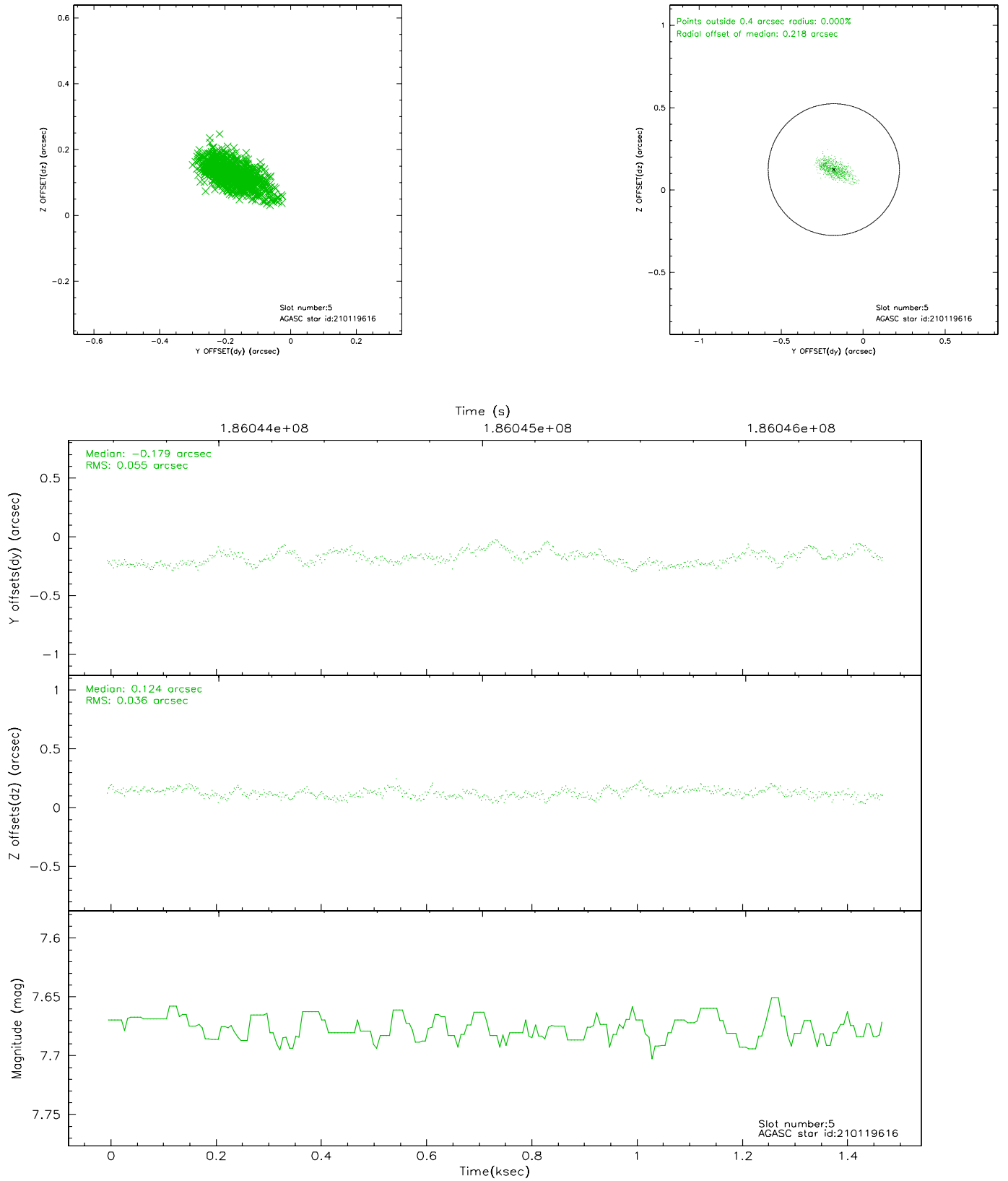
2.4.1 Slot 3



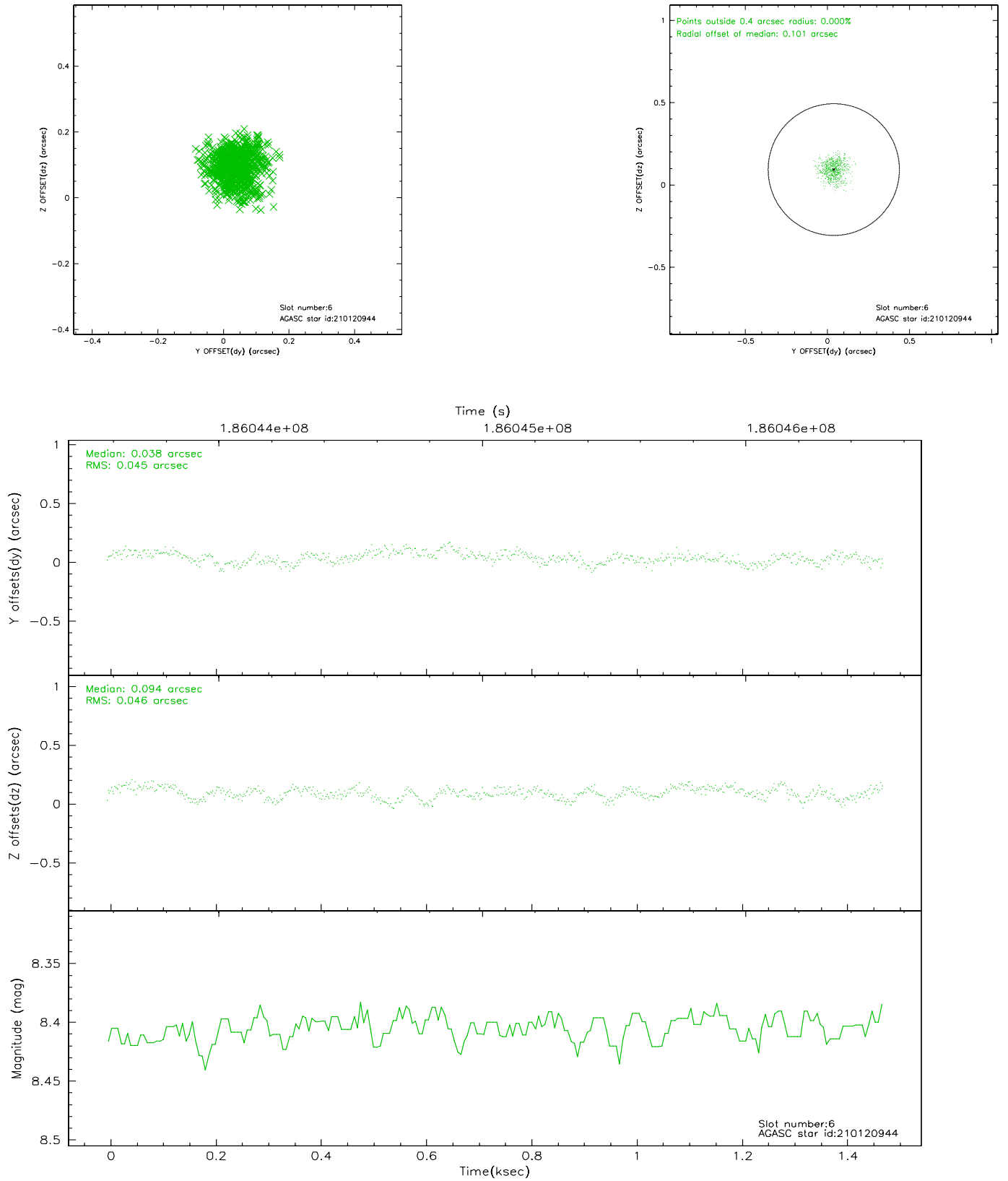
2.4.2 Slot 4



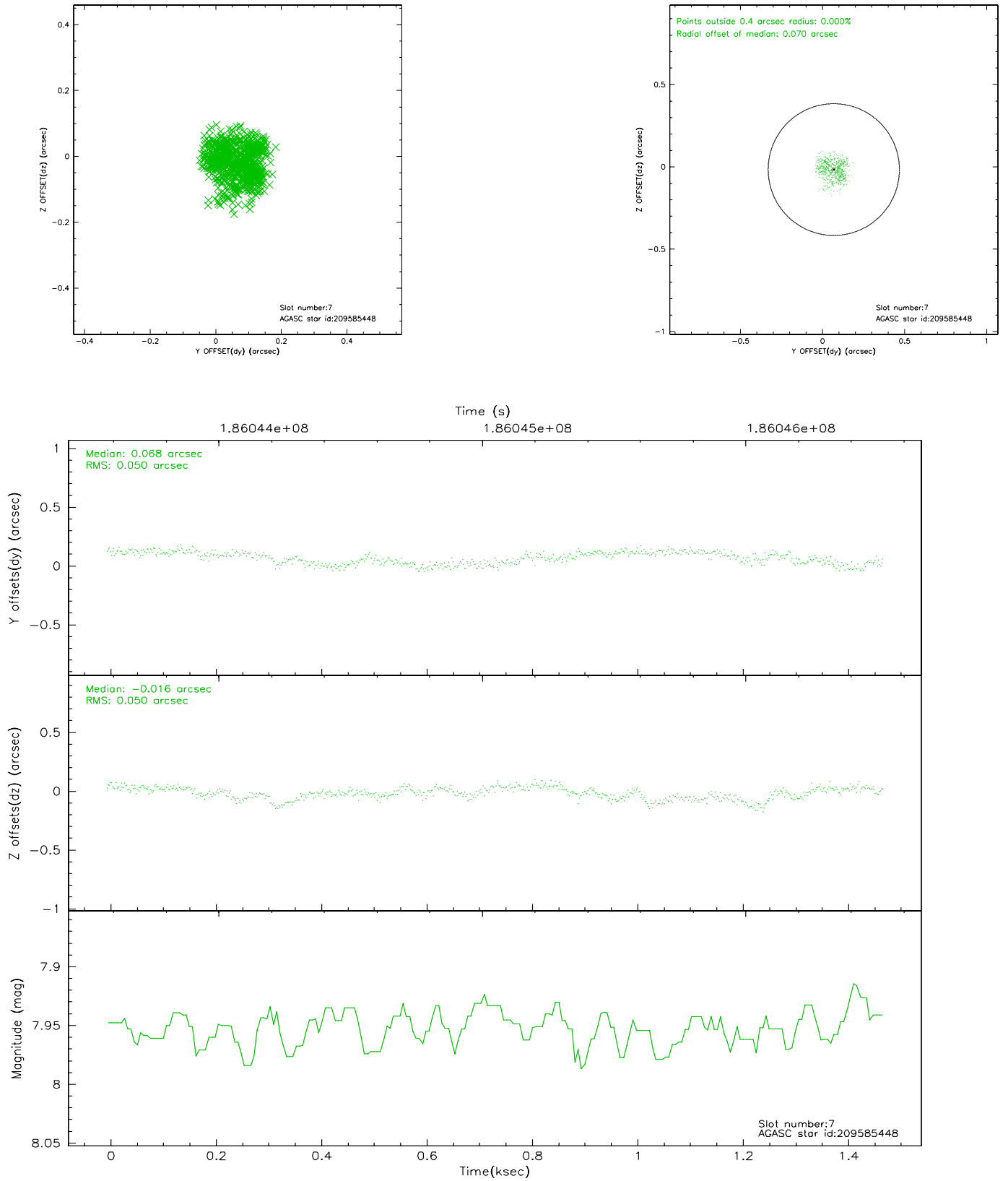
2.4.3 Slot 5



2.4.4 Slot 6

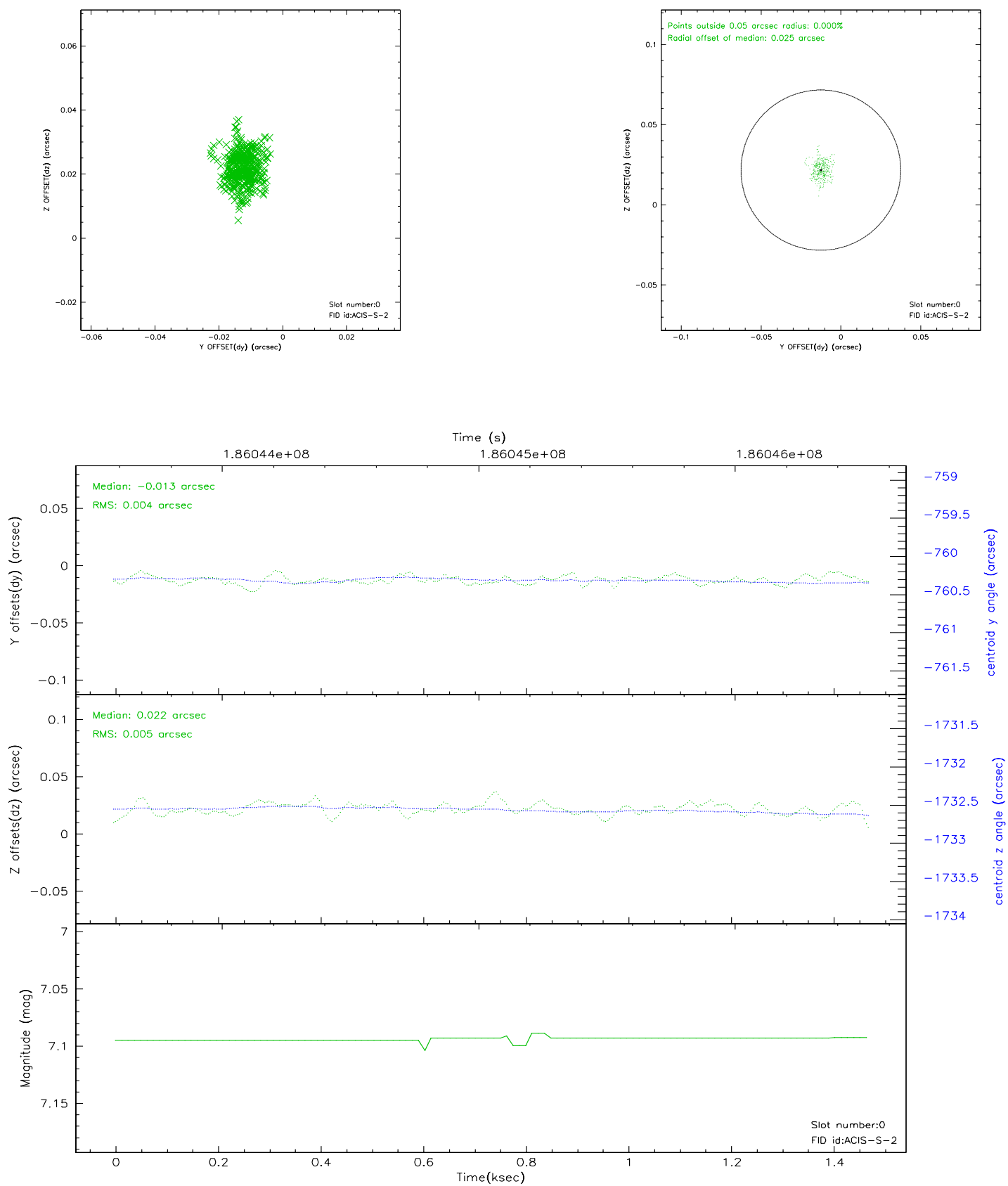


2.4.5 Slot 7

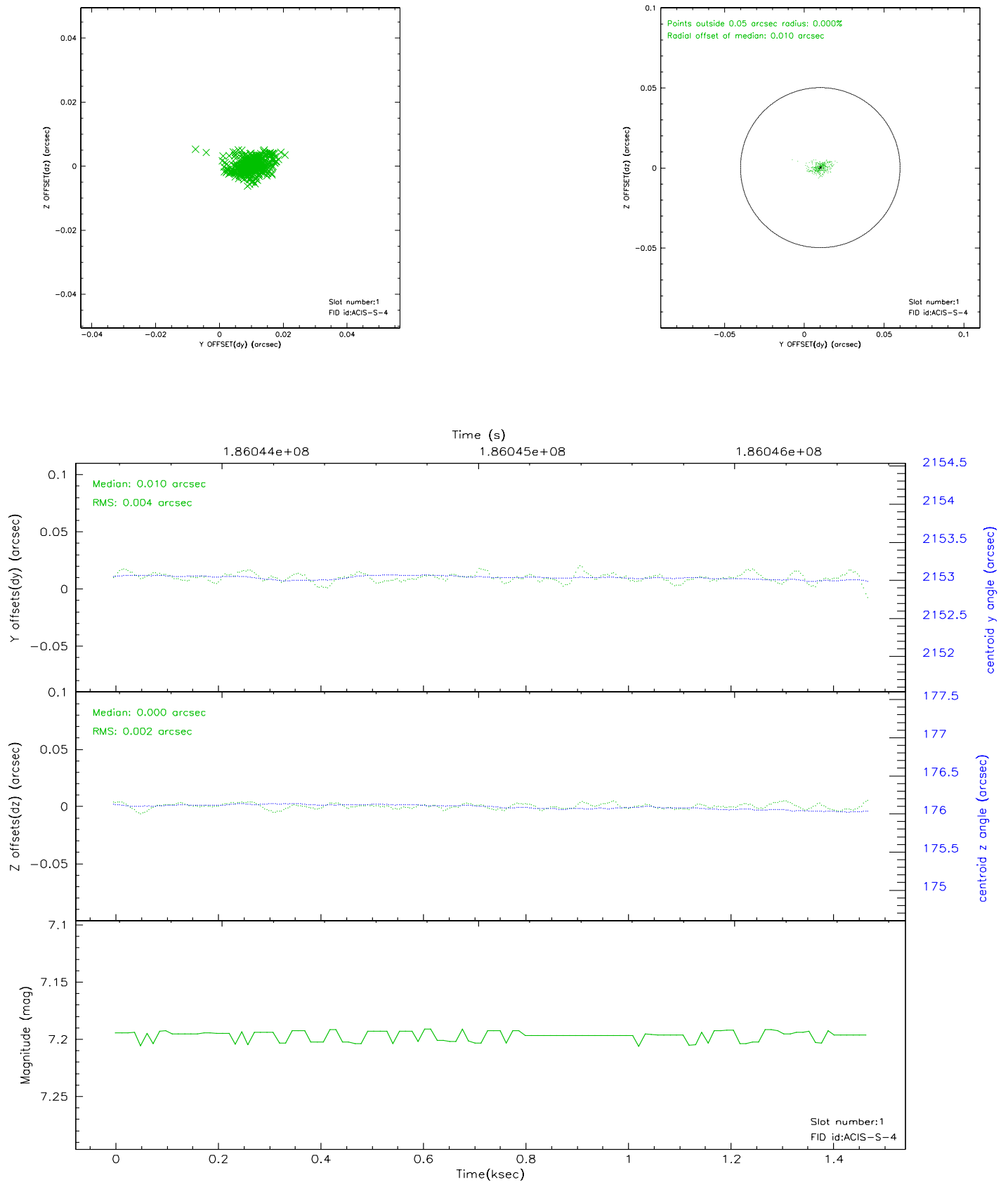


2.5 FID Slots

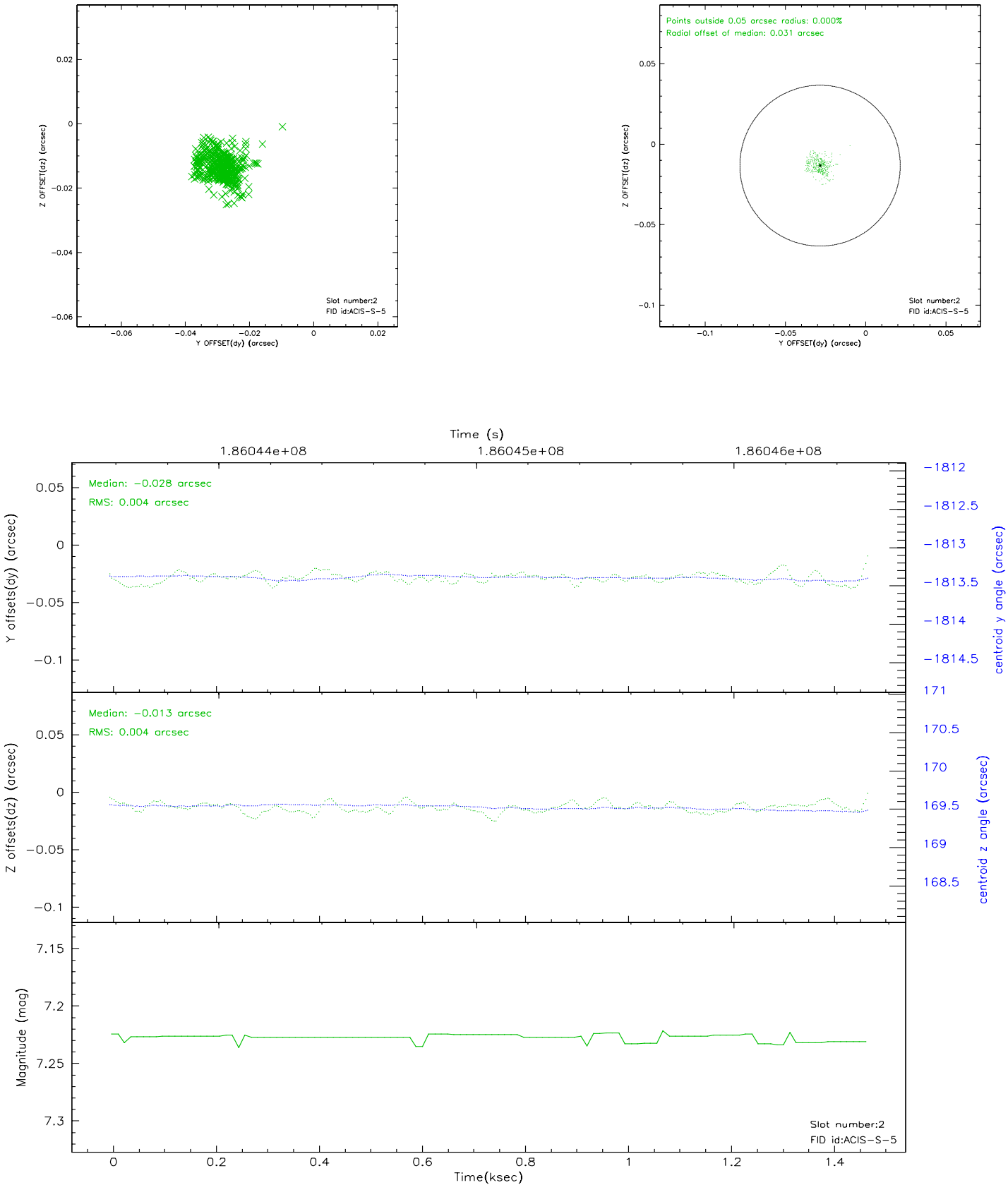
2.5.1 Slot 0



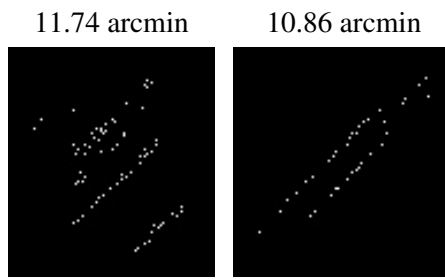
2.5.2 Slot 1



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	1.471

A.2 Comments