

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4468 - L2 Version 001
Chandra X-Ray Center

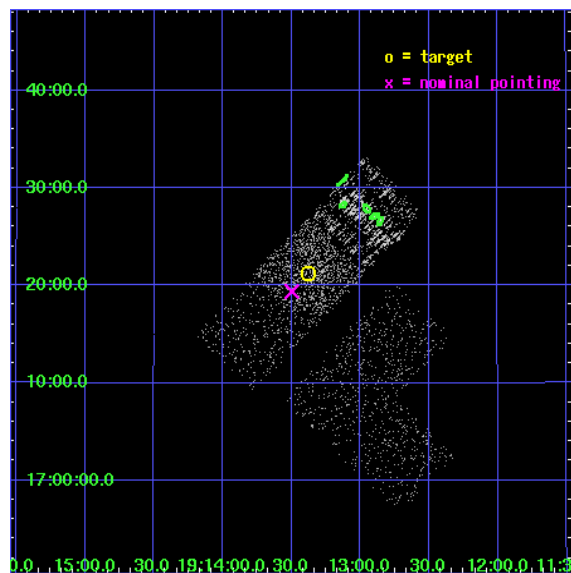
L2 Processing Date : Jun 26 2006

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1 Front

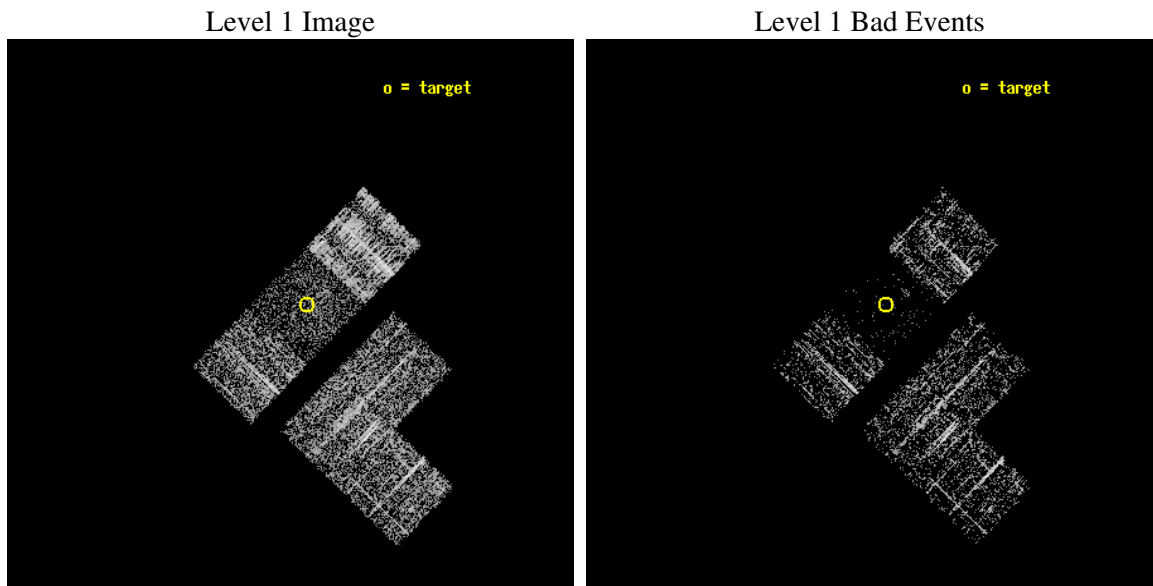
seq_num	100051
obs_id	4468
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	288.34466
dec_targ	17.3552
ra_nom	288.37436650861
dec_nom	17.323405794491
roll_nom	314.14787482774
revision	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	4331



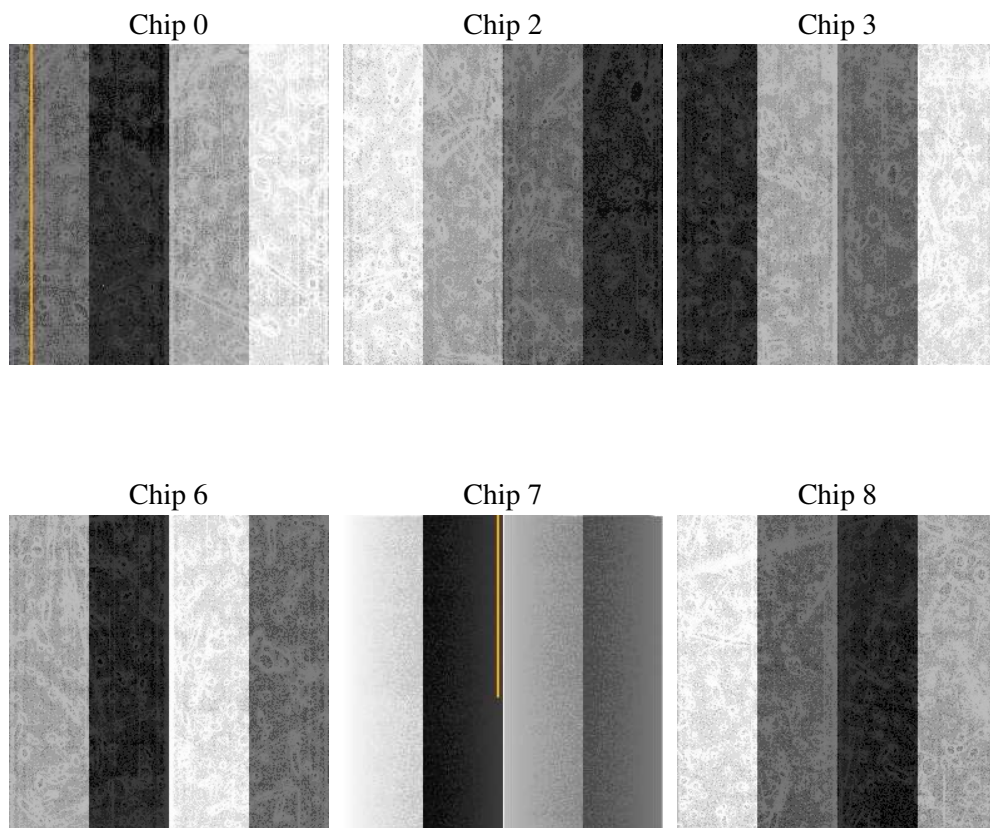
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T16:57:36
revision	2

sched_exp_time	1290.000000
ontime	1604.2956096232
ontime0	1604.2956096232
ontime2	1604.2955897152
ontime3	1604.2956096232
ontime6	1604.2955897152
ontime7	1604.2956096232
ontime8	1604.2956096232
l1events	36836

2.1.4 Events

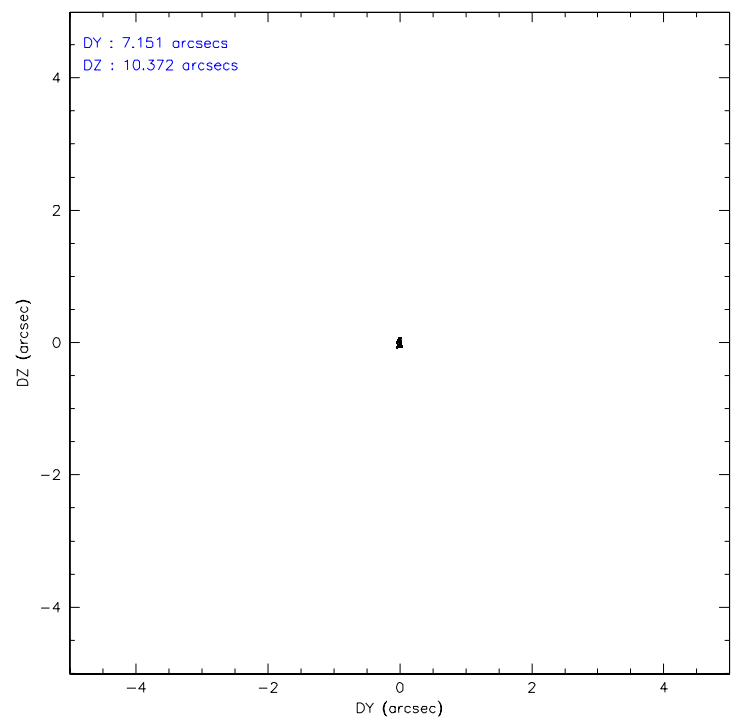
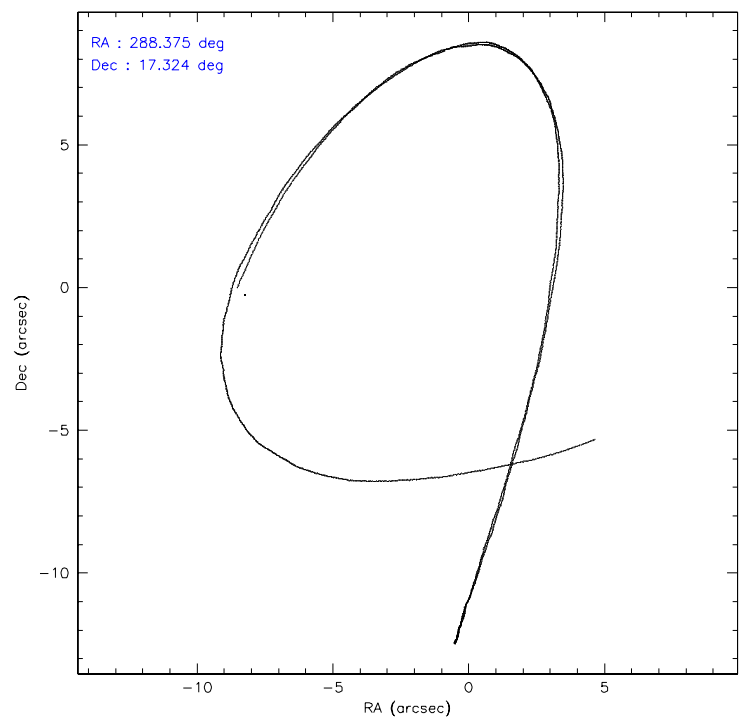
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5579	6649	5294	5664	2134	11516
rejected events	5056	6095	4933	5190	760	6296
rejected %	90%	91%	93%	91%	35%	54%

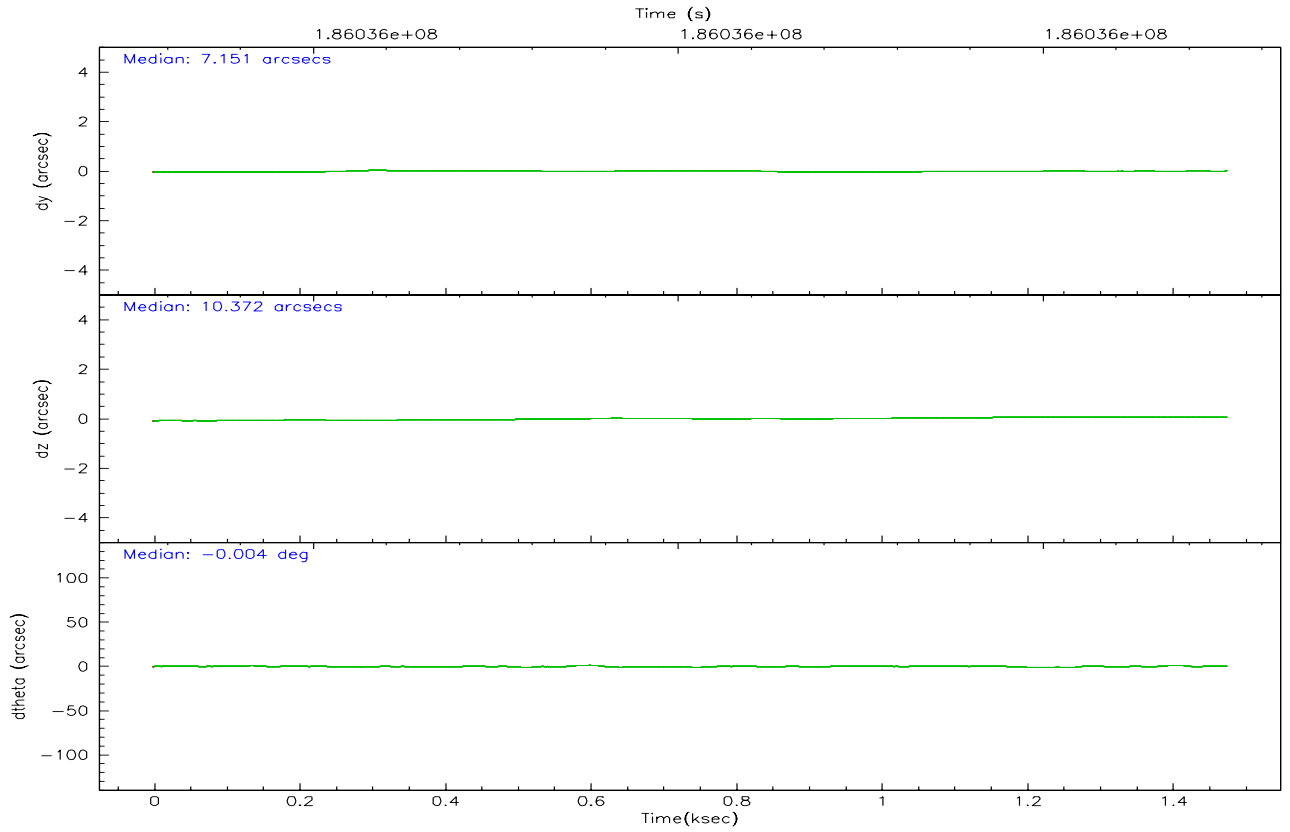
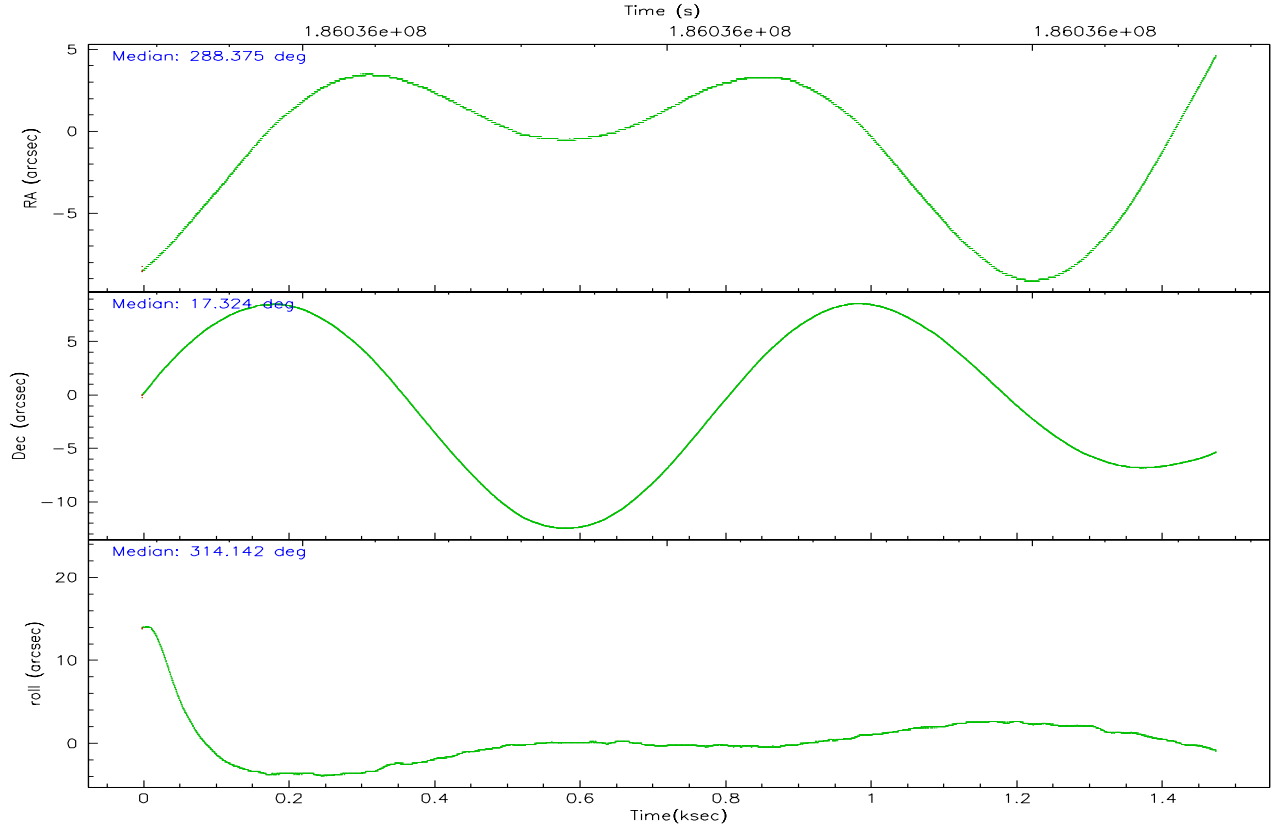
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	218	285	180	257	342	1759
	3%	4%	3%	4%	16%	15%
grade 1 events	6	1	1	4	3	19
	0%	0%	0%	0%	0%	0%
grade 2 events	196	186	80	117	383	776
	3%	2%	1%	2%	17%	6%
grade 3 events	51	42	52	46	160	999
	0%	0%	0%	0%	7%	8%
grade 4 events	56	42	38	46	160	937
	1%	0%	0%	0%	7%	8%
grade 5 events	46	32	49	53	114	173
	0%	0%	0%	0%	5%	1%
grade 6 events	44	62	44	42	458	1269
	0%	0%	0%	0%	21%	11%
grade 7 events	4962	5999	4850	5099	514	5584
	88%	90%	91%	90%	24%	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	288.347041	288.3743665086142	Alternating exposures requested	N	N
Pointing Dec	17.330297	17.32340579449109	Primary exposure time	0.000000	3.2
Pointing Roll	313.999284	314.1478748277411			
Window start time	185932864.184000	185932864.184000			
Window stop time	186188464.184000	186188464.184000			
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	186035464.184000	186034397.15608			
Observation start date	2003-11-24T04:30:00	2003-11-24T04:13:17			
Observation end time	186036754.184000	186036887.90618			
Observation end date	2003-11-24T04:51:30	2003-11-24T04:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



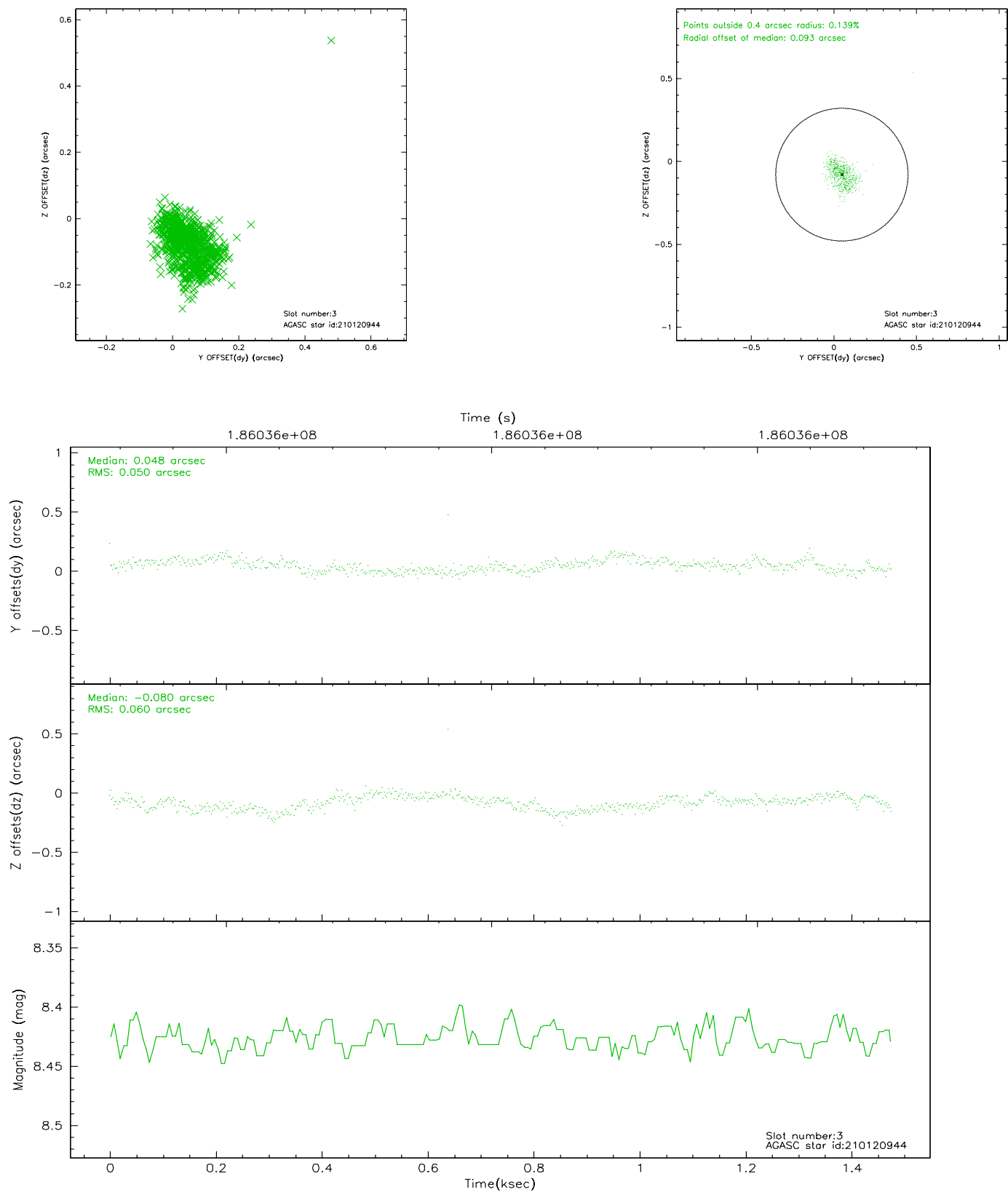


Slot Statistics

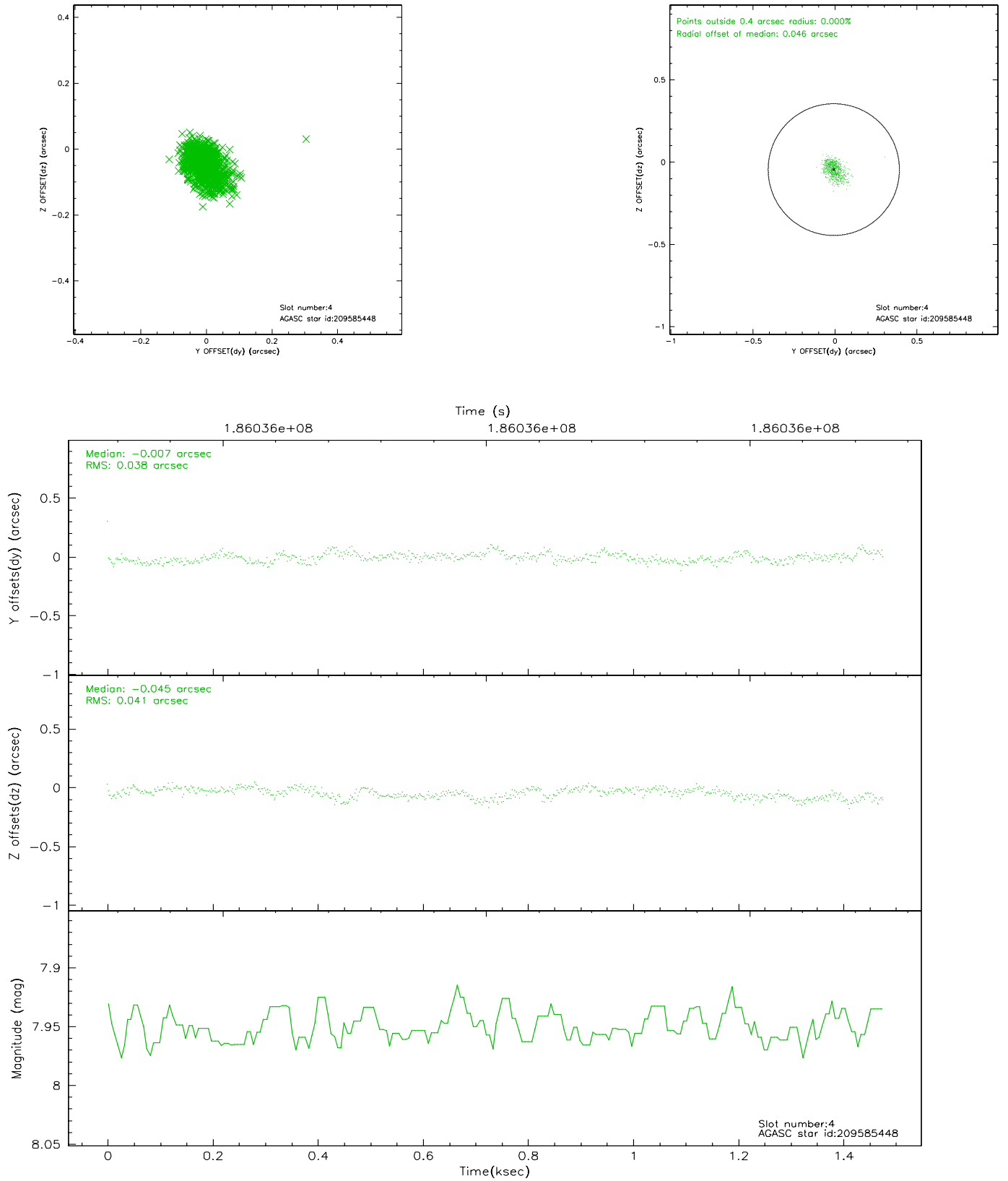
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	361	0.011	-0.022	0.007	0.011	0.000000	0.000000	936.12	-1727.29
1	FID	ACIS-S-2	7.10	360	-0.038	0.001	0.006	0.009	0.000000	0.000000	-757.32	-1736.43
2	FID	ACIS-S-4	7.20	361	0.001	0.028	0.005	0.009	0.000000	0.000000	2151.35	172.25
3	GUIDE	210120944	8.43	721	0.048	-0.080	0.080	0.120	288.245736	17.506735	-697.40	191.15
4	GUIDE	209585448	7.95	721	-0.007	-0.045	0.058	0.094	288.114724	16.850123	688.40	-1775.94
5	GUIDE	210119616	7.67	721	-0.140	0.024	0.056	0.090	288.118619	18.001946	-2281.16	1115.00
6	GUIDE	210119208	9.13	721	-0.013	0.014	0.098	0.151	288.902715	17.700408	361.11	2300.18
7	GUIDE	210118592	9.29	720	0.112	0.086	0.113	0.167	289.109894	17.526611	1308.59	2382.04

2.4 Star Slots

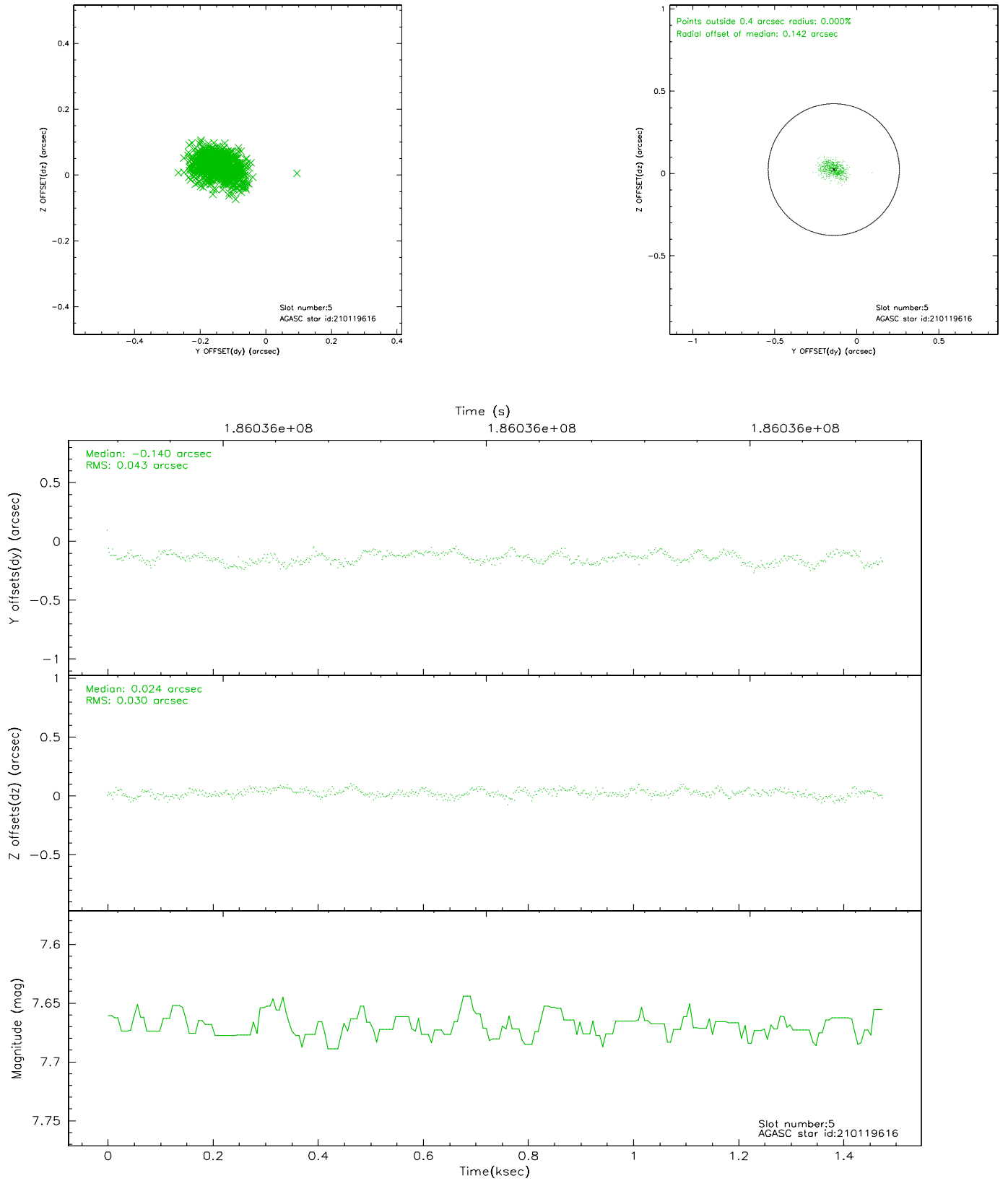
2.4.1 Slot 3



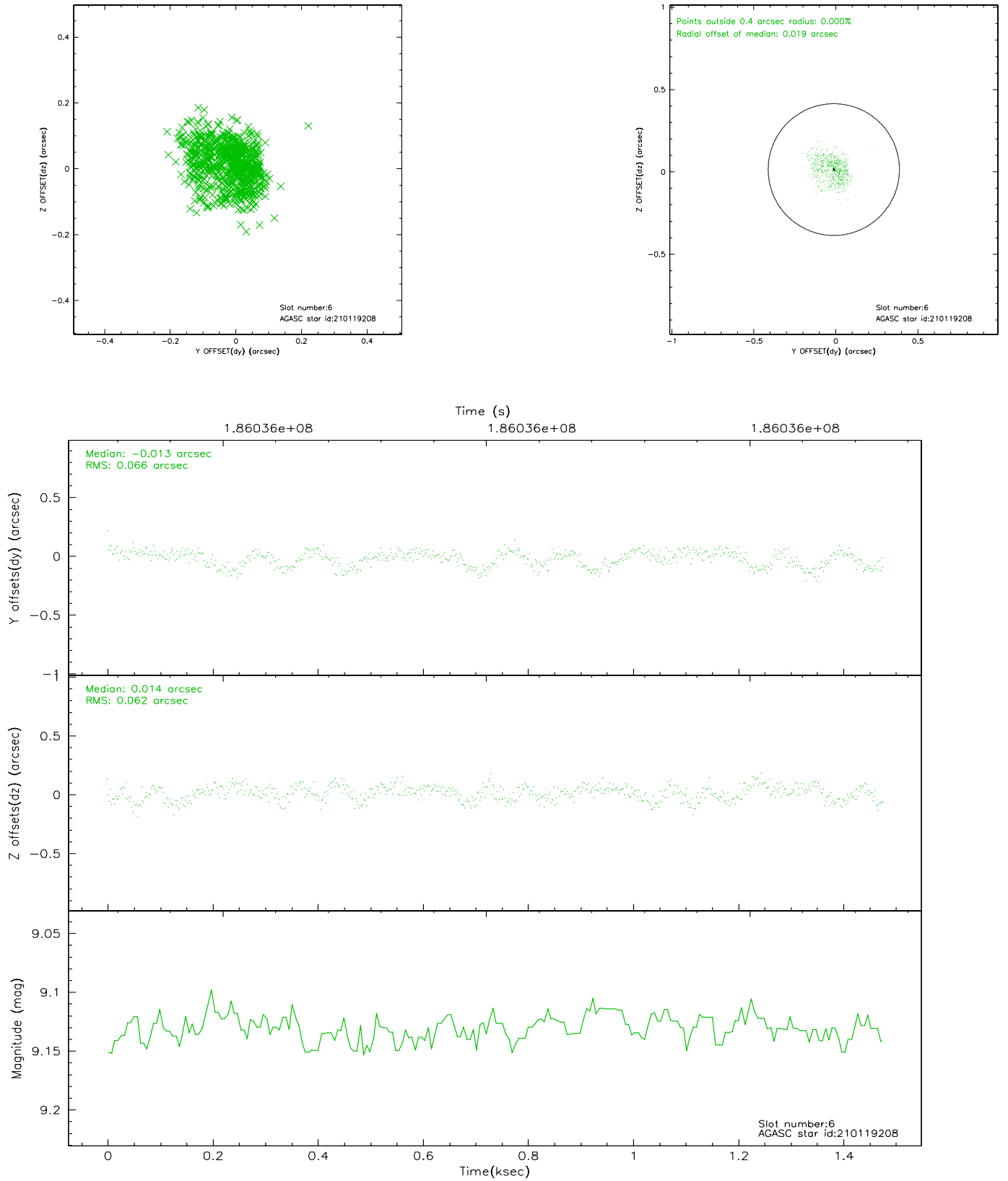
2.4.2 Slot 4



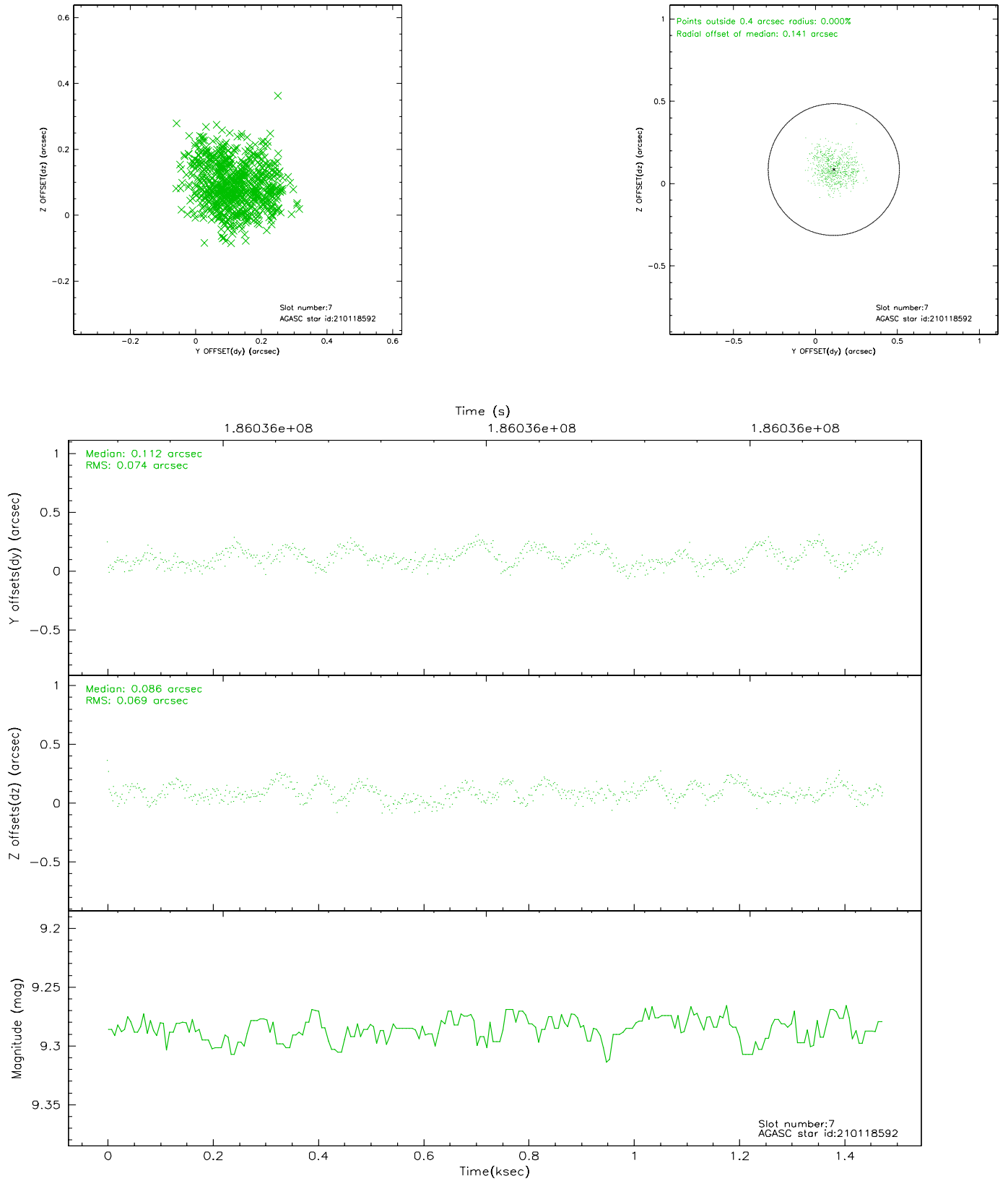
2.4.3 Slot 5



2.4.4 Slot 6

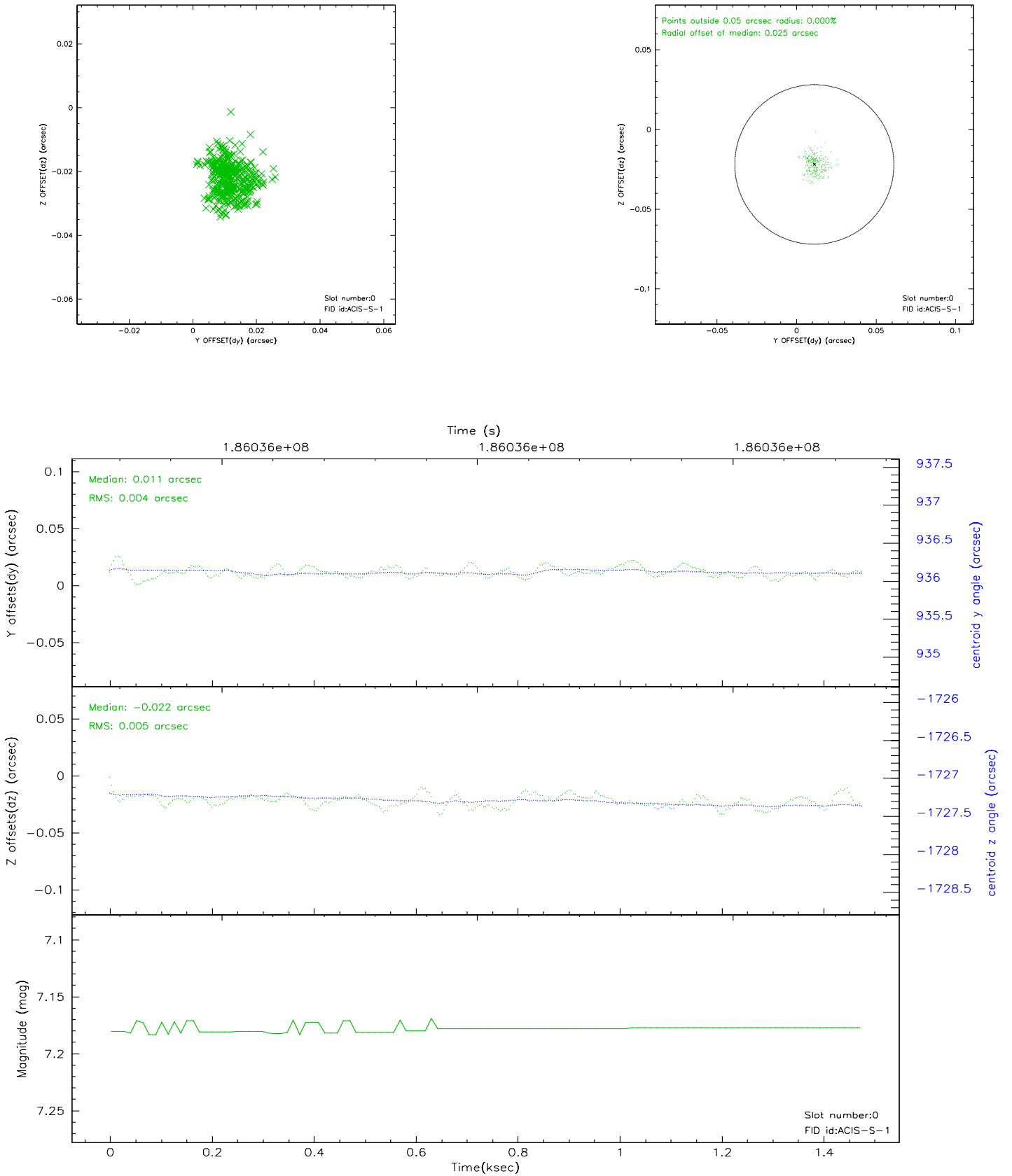


2.4.5 Slot 7

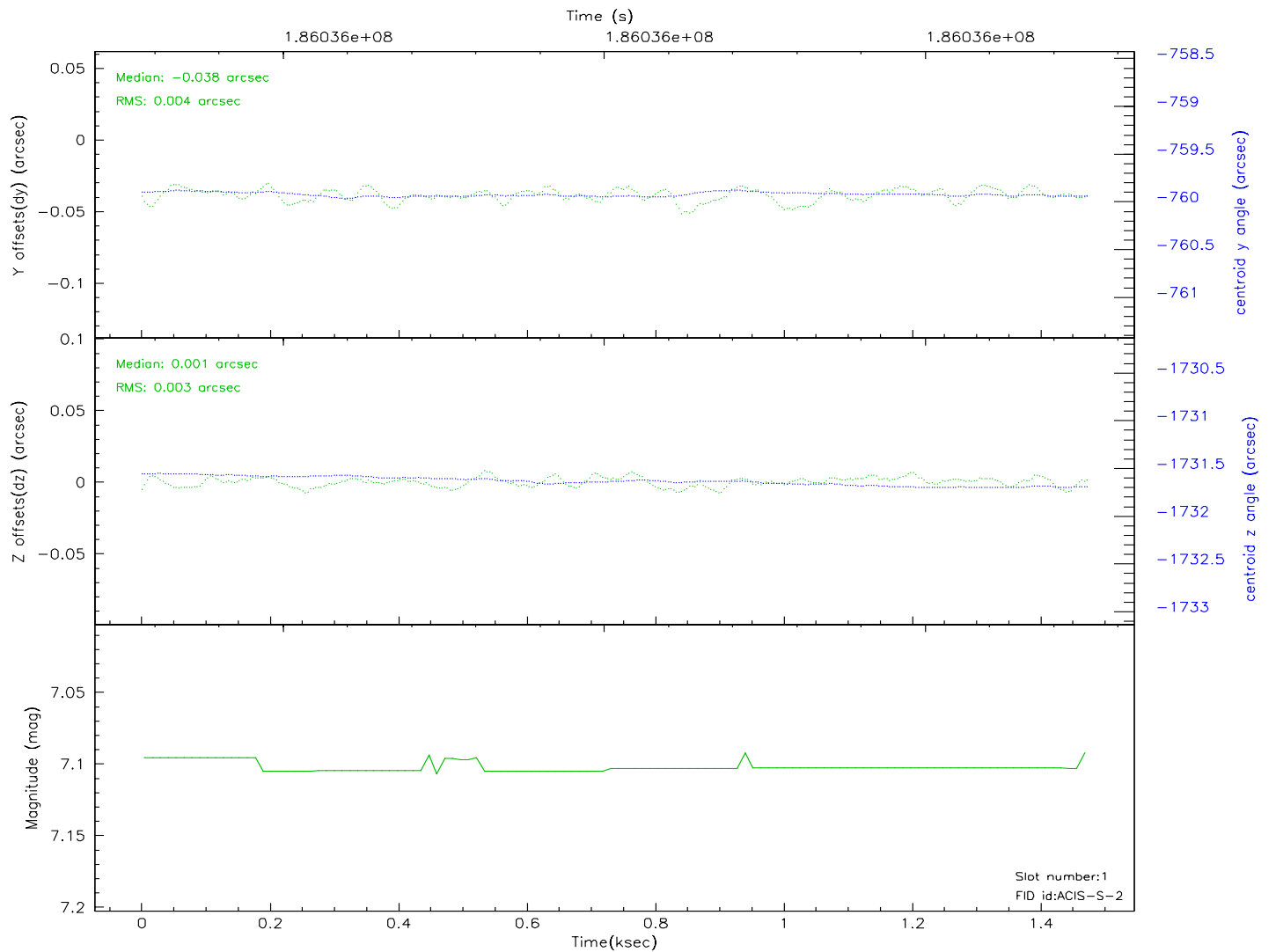
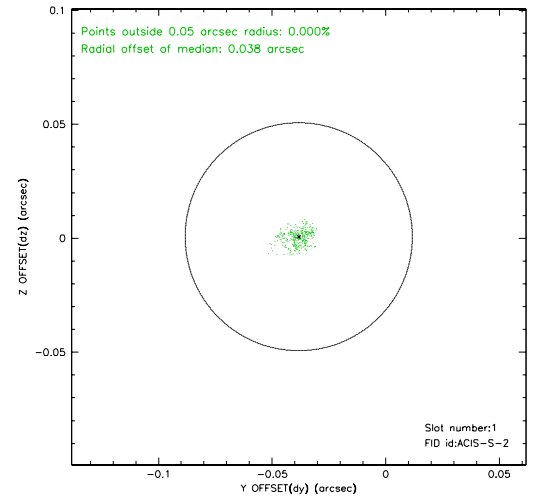
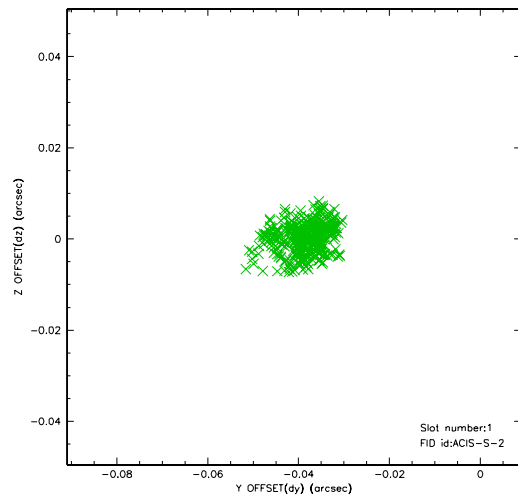


2.5 FID Slots

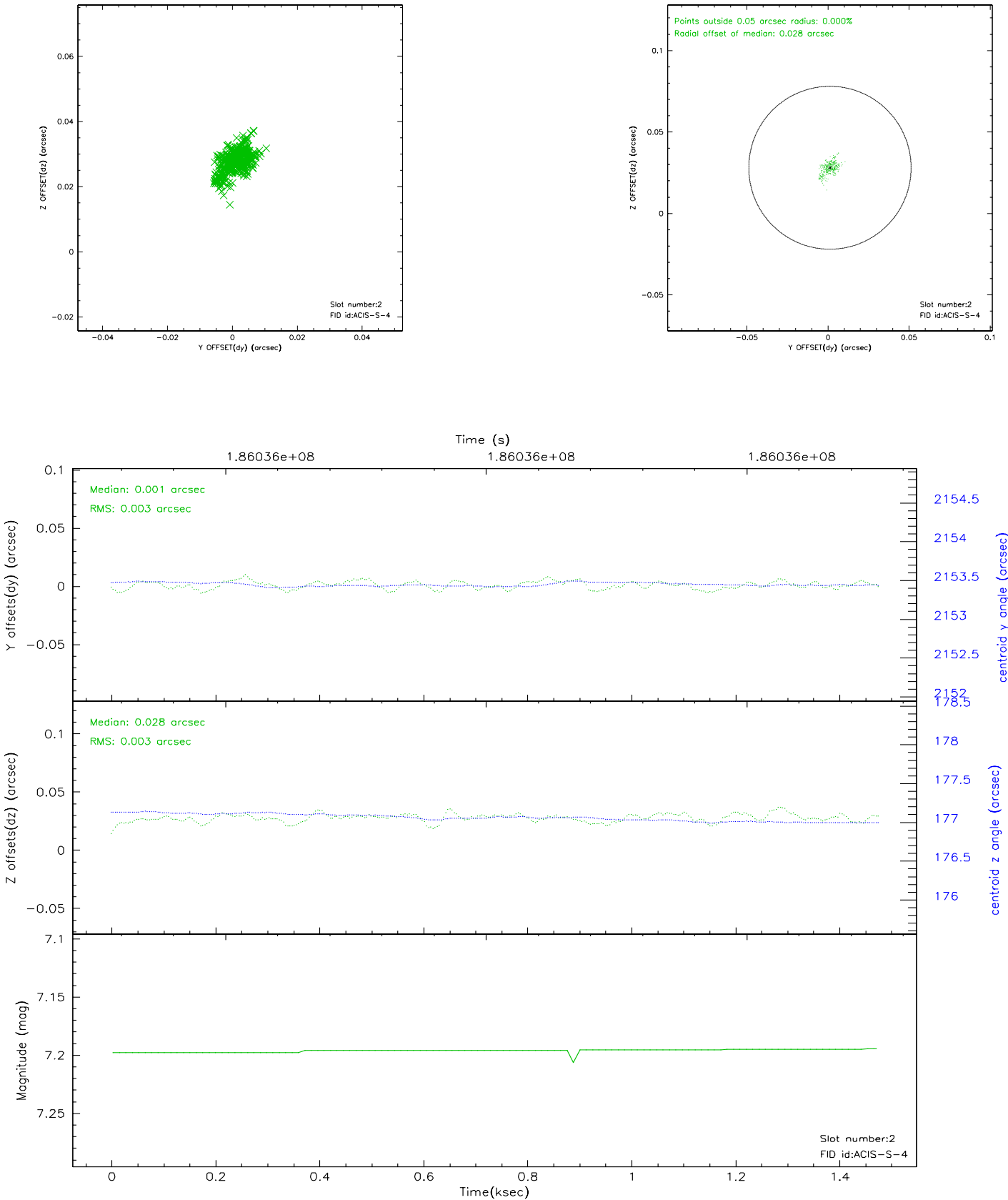
2.5.1 Slot 0



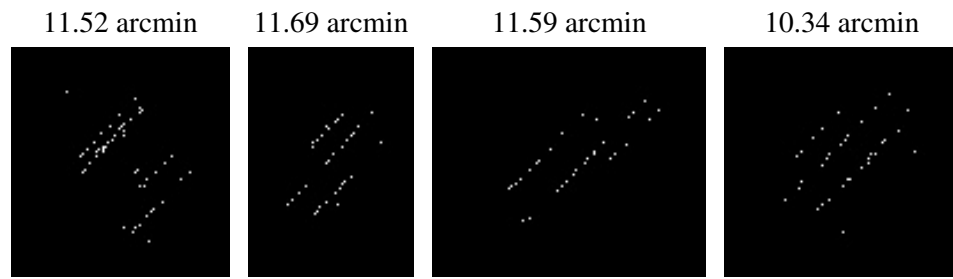
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	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

Window constraint met.