

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1843 - L2 Version 001
Chandra X-Ray Center

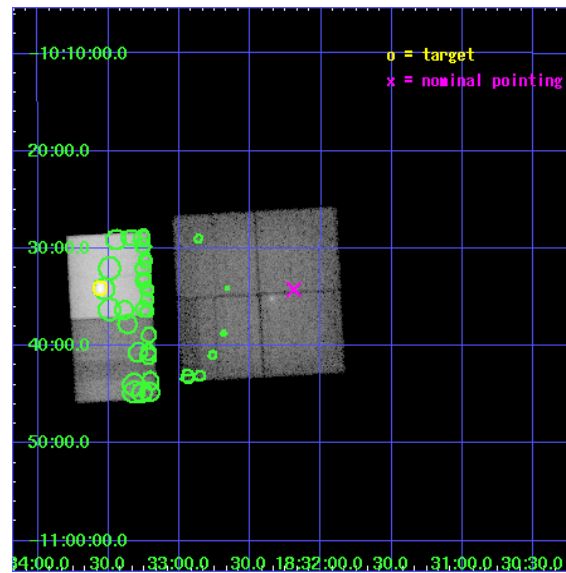
L2 Processing Date : Jun 6 2007

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1 Front

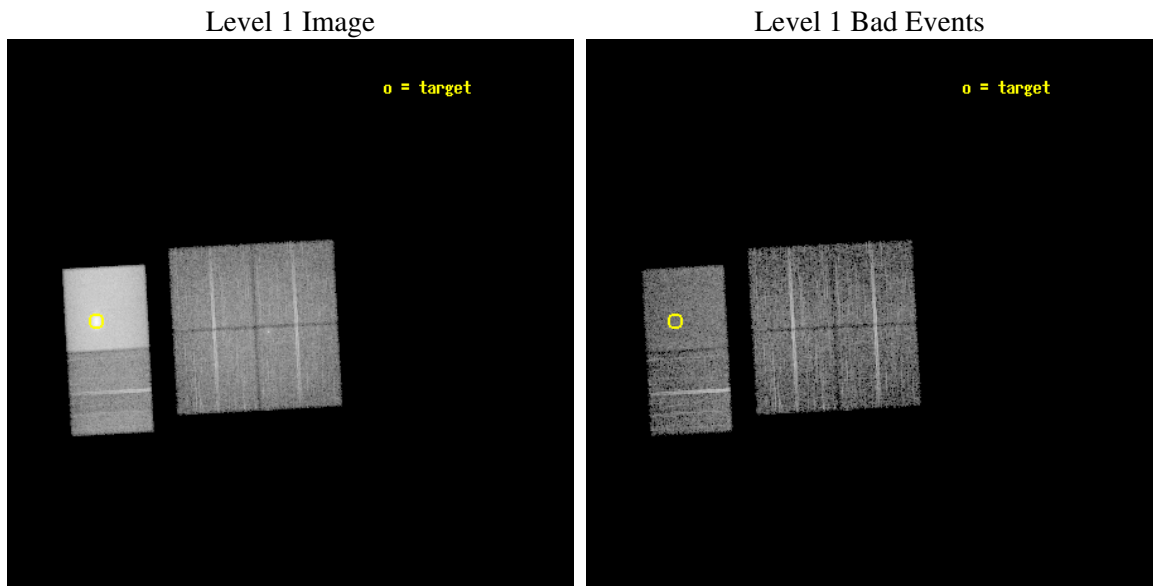
seq_num	590223
obs_id	1843
title	HRC RESPONSE TO CONTINUUM SOURCE.
observer	Dr. CXC Calibration
object	G21.5-0.9 [Chip S3, T=120, Offsets=-1,20,-4]
dtcycle	0
cycle	P
ra_targ	278.389583
dec_targ	-10.568528
ra_nom	278.04787065101
dec_nom	-10.57039625623
roll_nom	266.87172757061
revision	2
ontime	7955.2000074089
livetime	7854.4664748687
ontime0	7955.2000074089
ontime1	7955.2000074089
ontime2	7955.2000074089
ontime3	7951.9590471685
ontime6	7955.2000074089
ontime7	7955.2000074089
l2events	490795



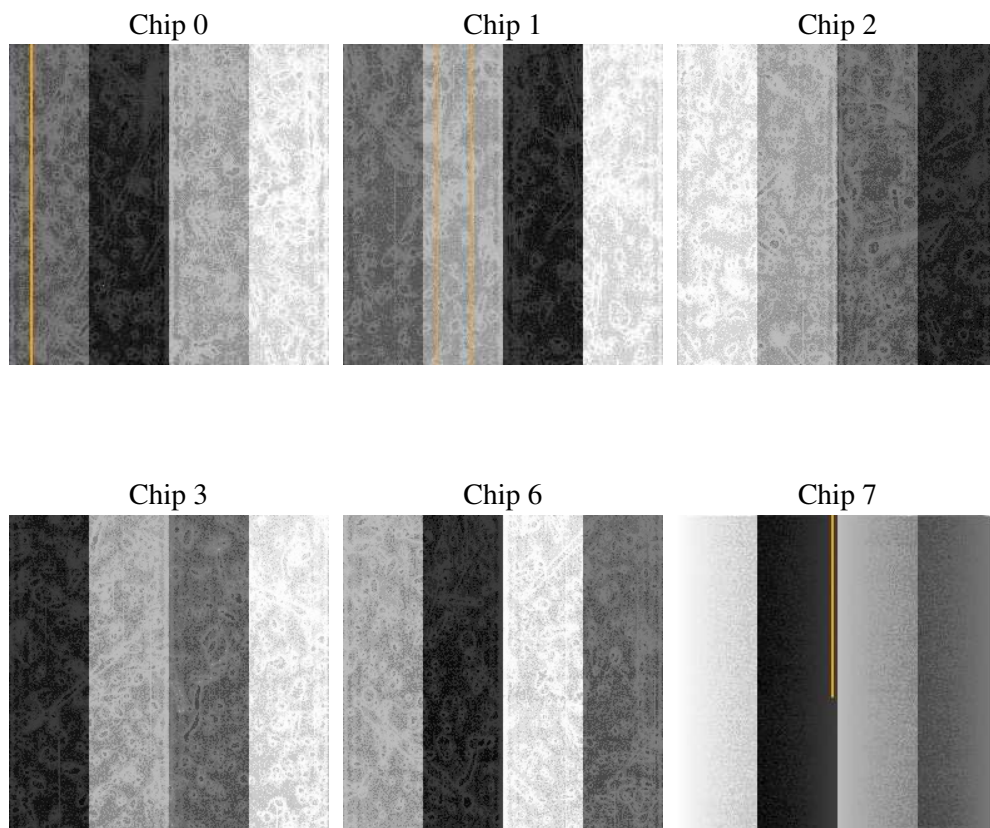
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-06T14:32:02
revision	2

sched_exp_time	8000.000000
ontime	7955.2000074089
ontime0	7955.2000074089
ontime1	7955.2000074089
ontime2	7955.2000074089
ontime3	7951.9590471685
ontime6	7955.2000074089
ontime7	7955.2000074089
l1events	759286

2.1.4 Events

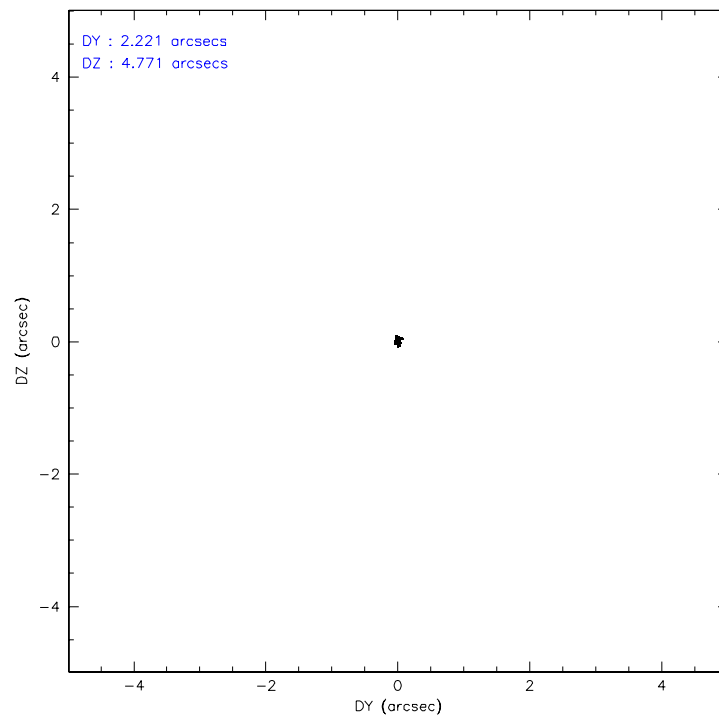
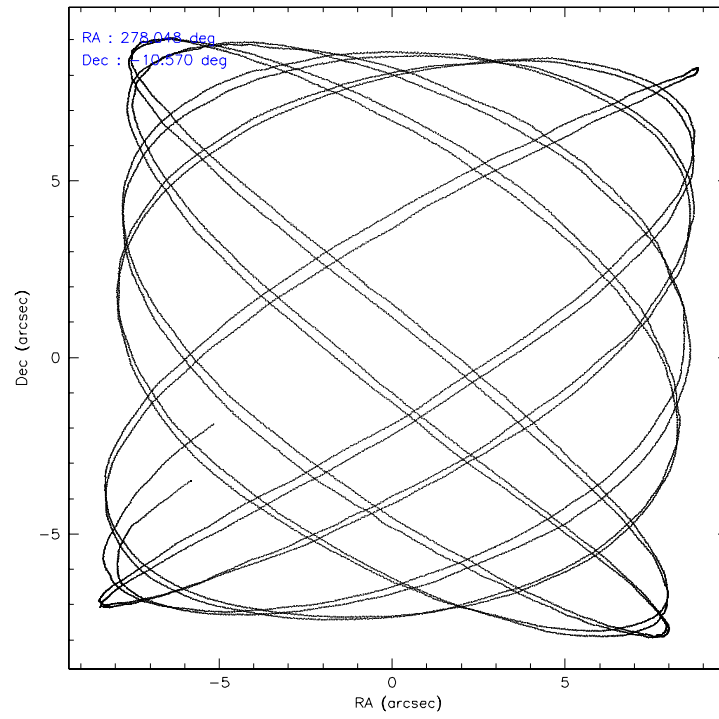
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	72027	74429	76165	76587	96405	363673
rejected events	38247	40166	44422	43920	43968	42462
rejected %	53%	53%	58%	57%	45%	11%

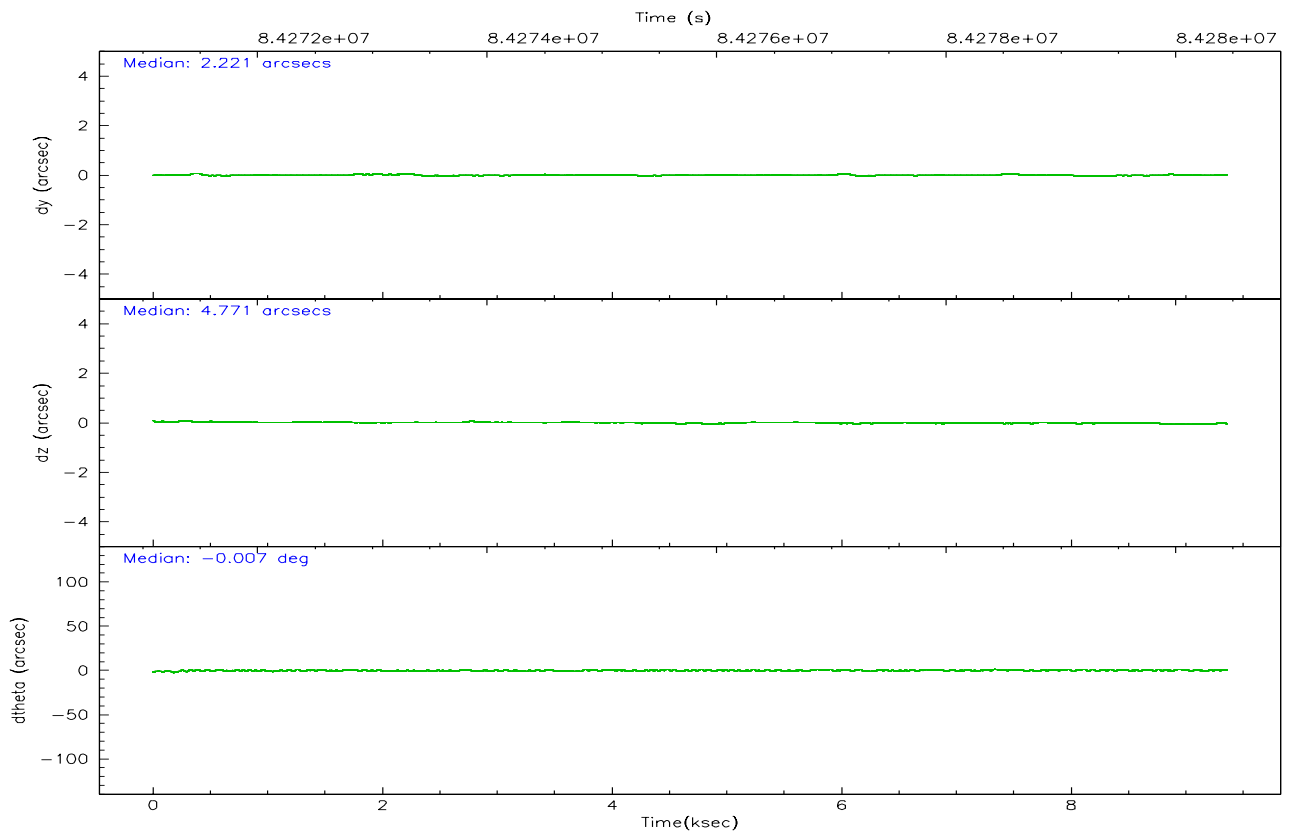
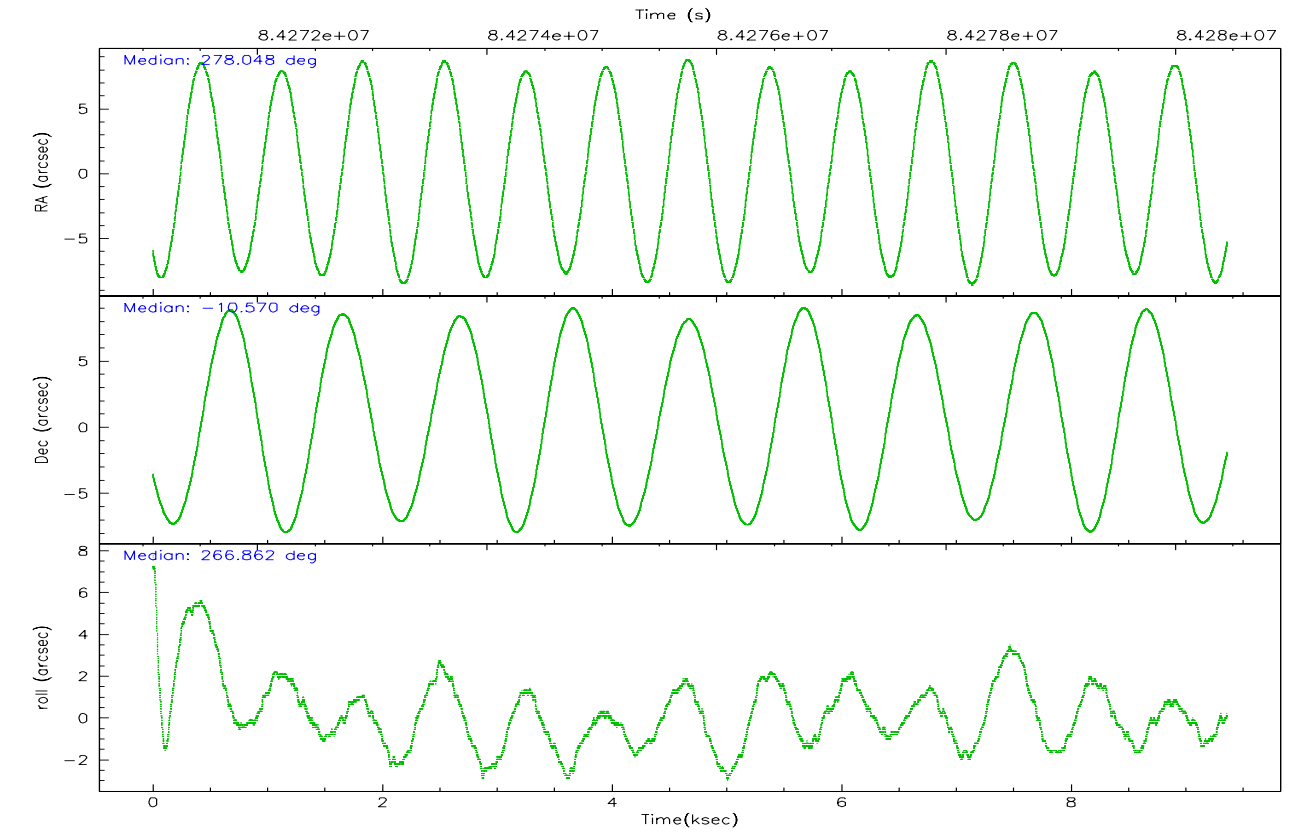
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	25104	24911	23314	23999	40975	37922
	34%	33%	30%	31%	42%	10%
grade 1 events	79	91	100	105	148	99
	0%	0%	0%	0%	0%	0%
grade 2 events	4758	5132	4757	4843	6865	56832
	6%	6%	6%	6%	7%	15%
grade 3 events	1087	1227	993	1105	1319	25185
	1%	1%	1%	1%	1%	6%
grade 4 events	1076	1160	1037	1097	1282	24619
	1%	1%	1%	1%	1%	6%
grade 5 events	1638	1818	1622	1812	2089	7407
	2%	2%	2%	2%	2%	2%
grade 6 events	1776	1851	1656	1647	2015	176852
	2%	2%	2%	2%	2%	48%
grade 7 events	36509	38239	42686	41979	41712	34757
	50%	51%	56%	54%	43%	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	278.035324	278.0478706510092	Subarray requested	NONE	NONE
Pointing Dec	-10.545733	-10.57039625622964	Alternating exposures requested	N	N
Pointing Roll	266.660740	266.8717275706068	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-245.865463	-245.8572931324415			
SIM translation stage offset (mm)	12.273	12.26484012951181			
Observation start time	84272448.184000	84270902.16850001			
Observation start date	2000-09-02T08:59:44	2000-09-02T08:35:02			
Observation end time	84280448.184000	84280645.818866			
Observation end date	2000-09-02T11:13:04	2000-09-02T11:17:25			
Read mode	TIMED	TIMED			

2.3 Aspect



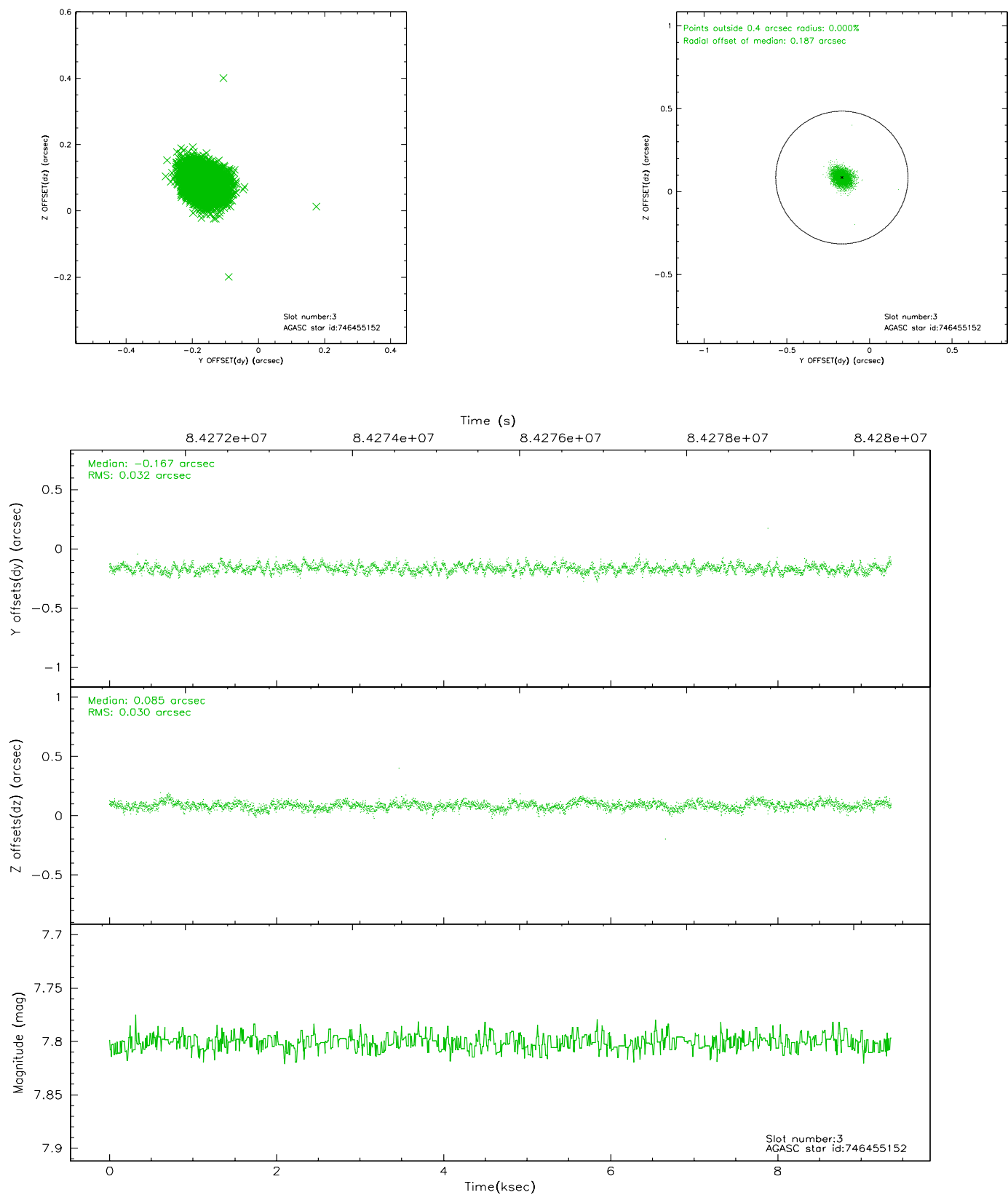


Slot Statistics

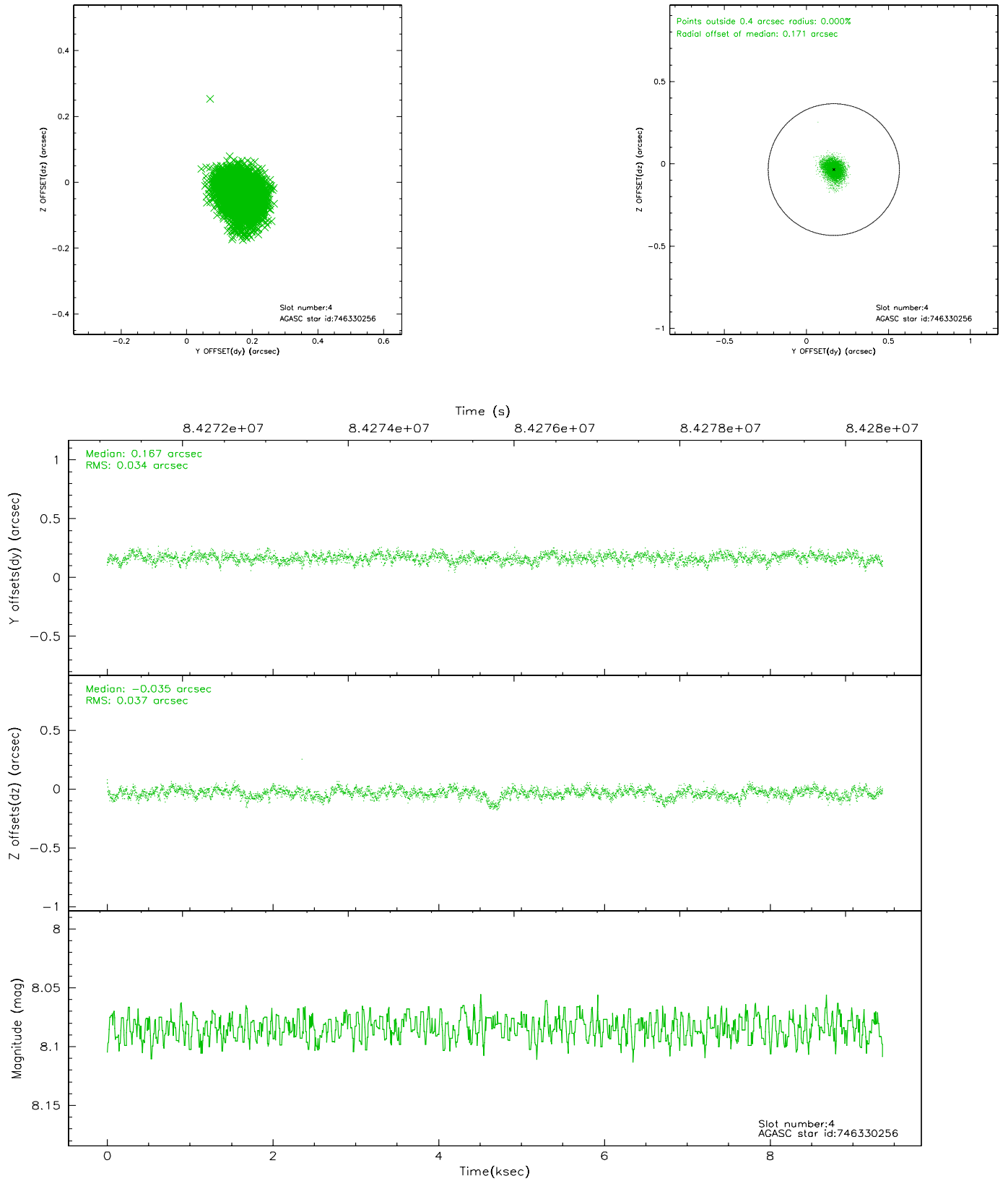
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.21	2283	-0.004	-0.065	0.009	0.016	0.000000	0.000000	-755.66	-584.18
1	FID	ACIS-I-4	7.26	2283	-0.051	0.029	0.005	0.009	0.000000	0.000000	2158.00	1322.22
2	FID	ACIS-I-5	7.24	2283	-0.046	0.104	0.009	0.014	0.000000	0.000000	-1809.57	1322.04
3	GUIDE	746455152	7.80	4567	-0.167	0.085	0.046	0.076	278.447893	-9.976732	-2128.85	1341.32
4	GUIDE	746330256	8.08	4567	0.167	-0.035	0.053	0.087	277.634401	-10.863955	1227.84	-1347.35
5	GUIDE	746462456	8.40	4567	-0.076	0.141	0.080	0.126	278.652171	-10.530173	-180.27	2176.72
6	GUIDE	746455112	8.92	4566	0.169	-0.116	0.072	0.122	278.266531	-10.703234	519.43	850.49
7	GUIDE	746338464	9.45	4565	-0.095	-0.074	0.102	0.168	277.427613	-10.292647	-780.99	-2201.40

2.4 Star Slots

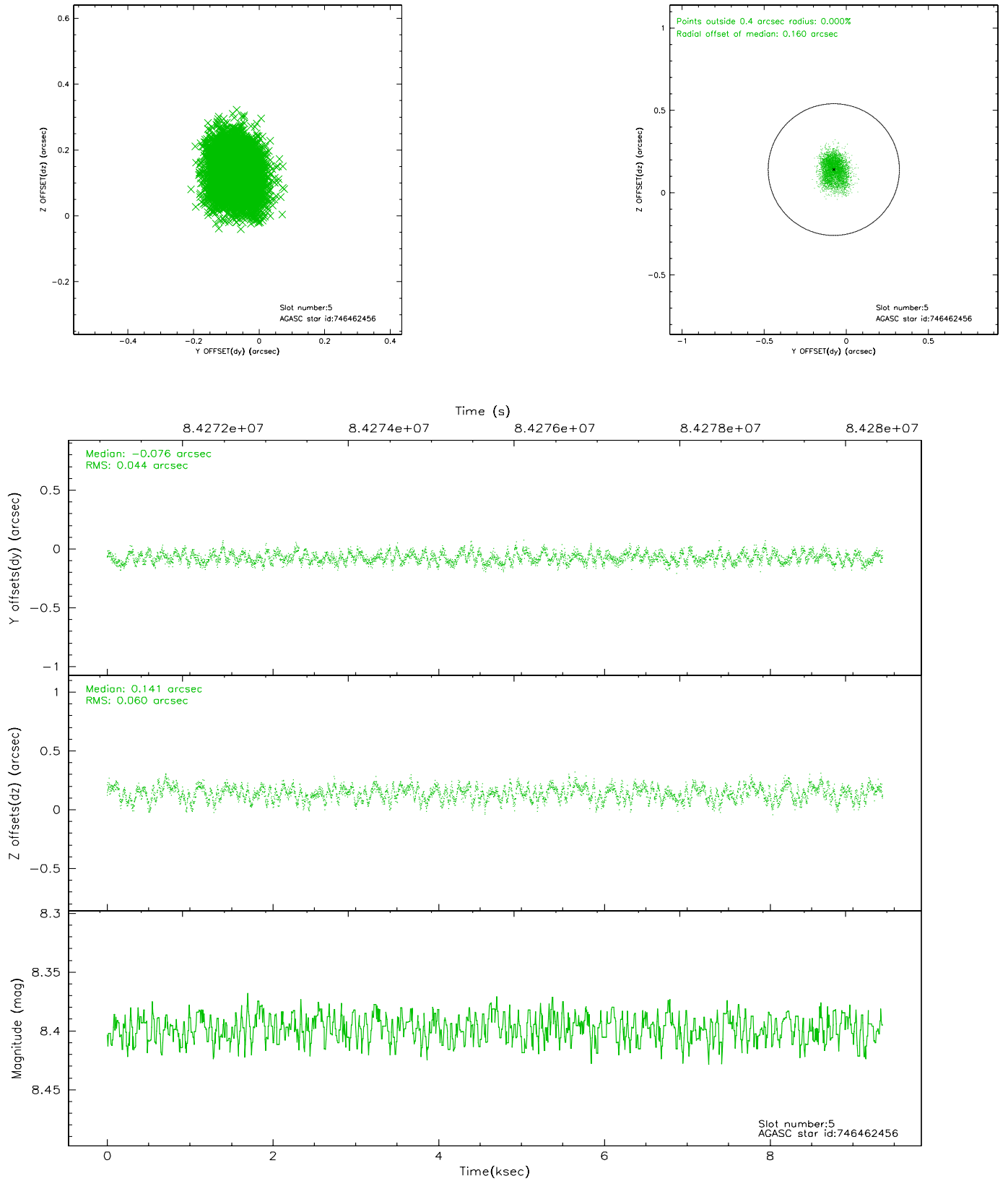
2.4.1 Slot 3



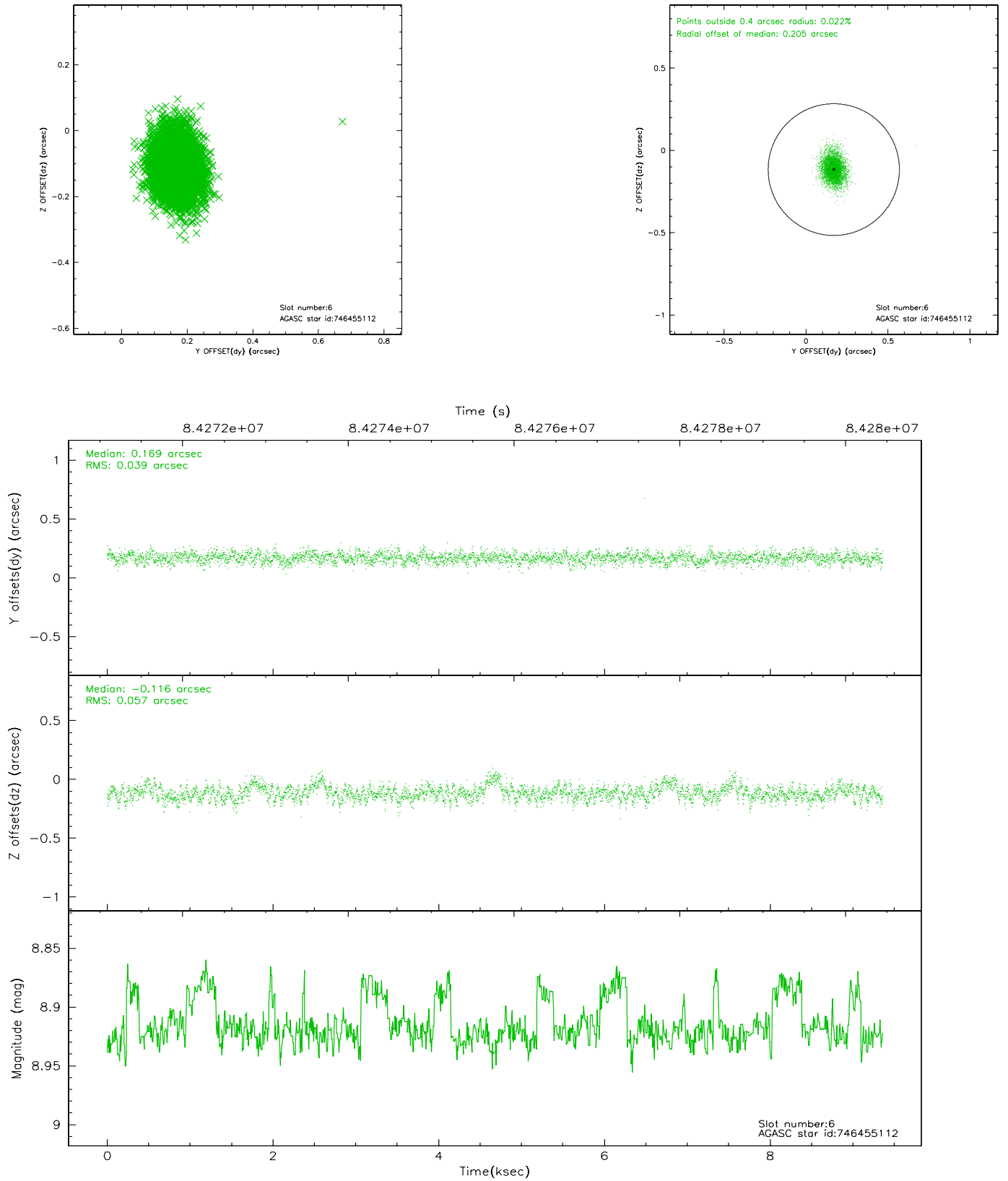
2.4.2 Slot 4



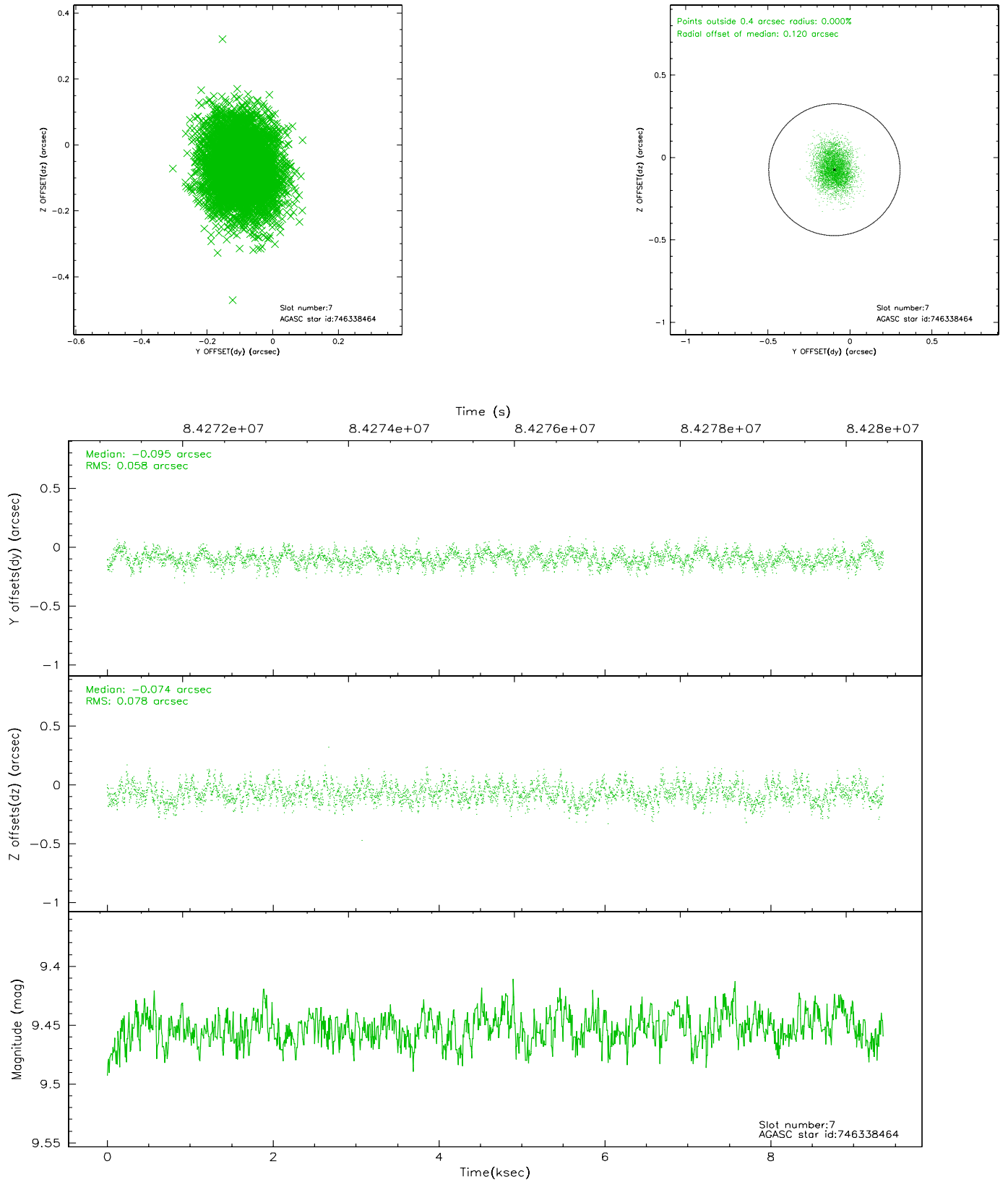
2.4.3 Slot 5



2.4.4 Slot 6

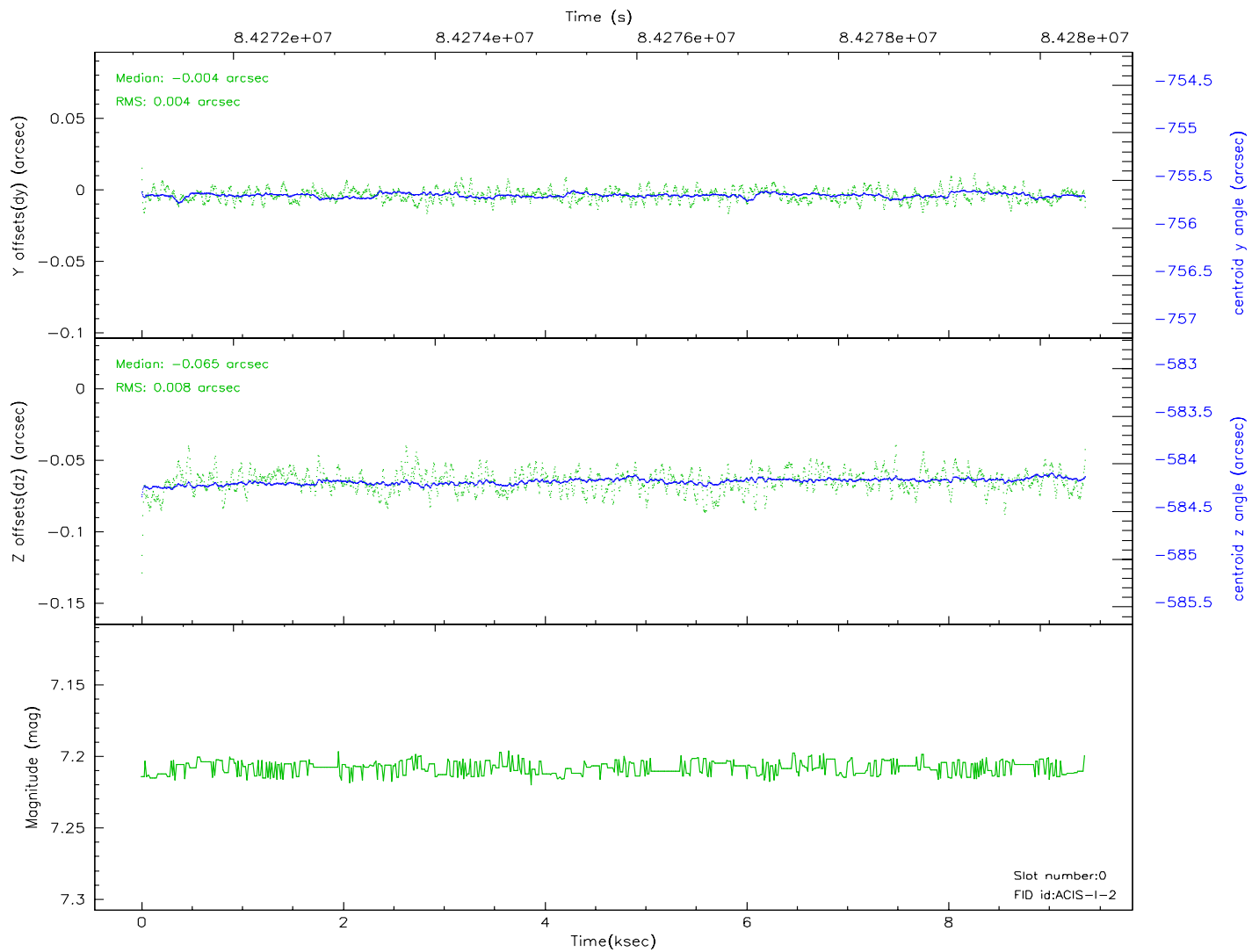
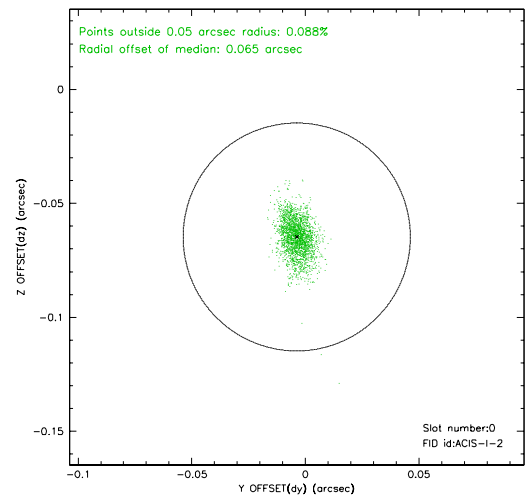
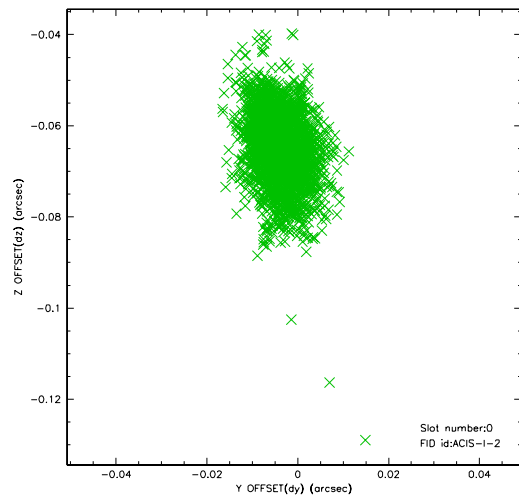


2.4.5 Slot 7

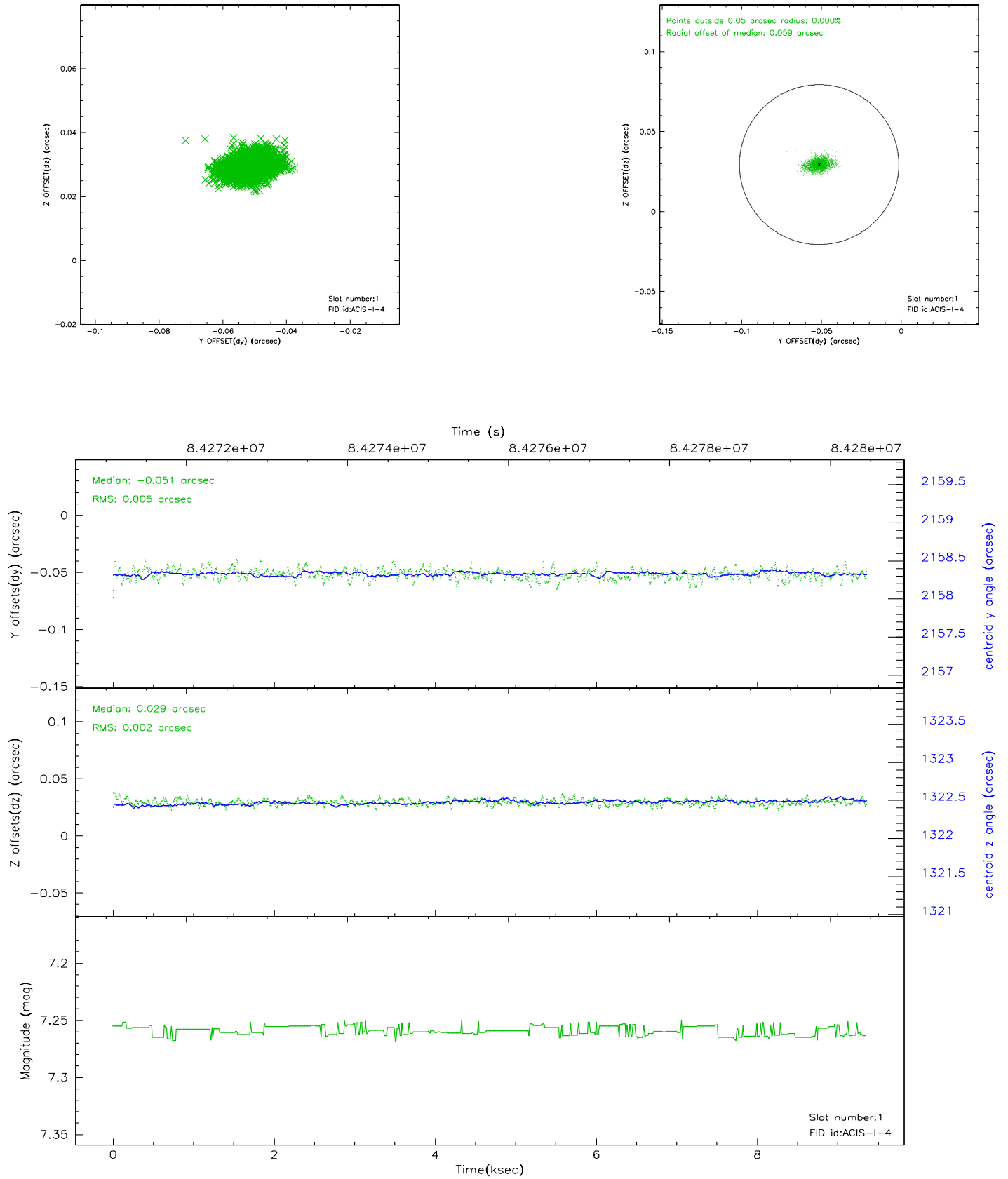


2.5 FID Slots

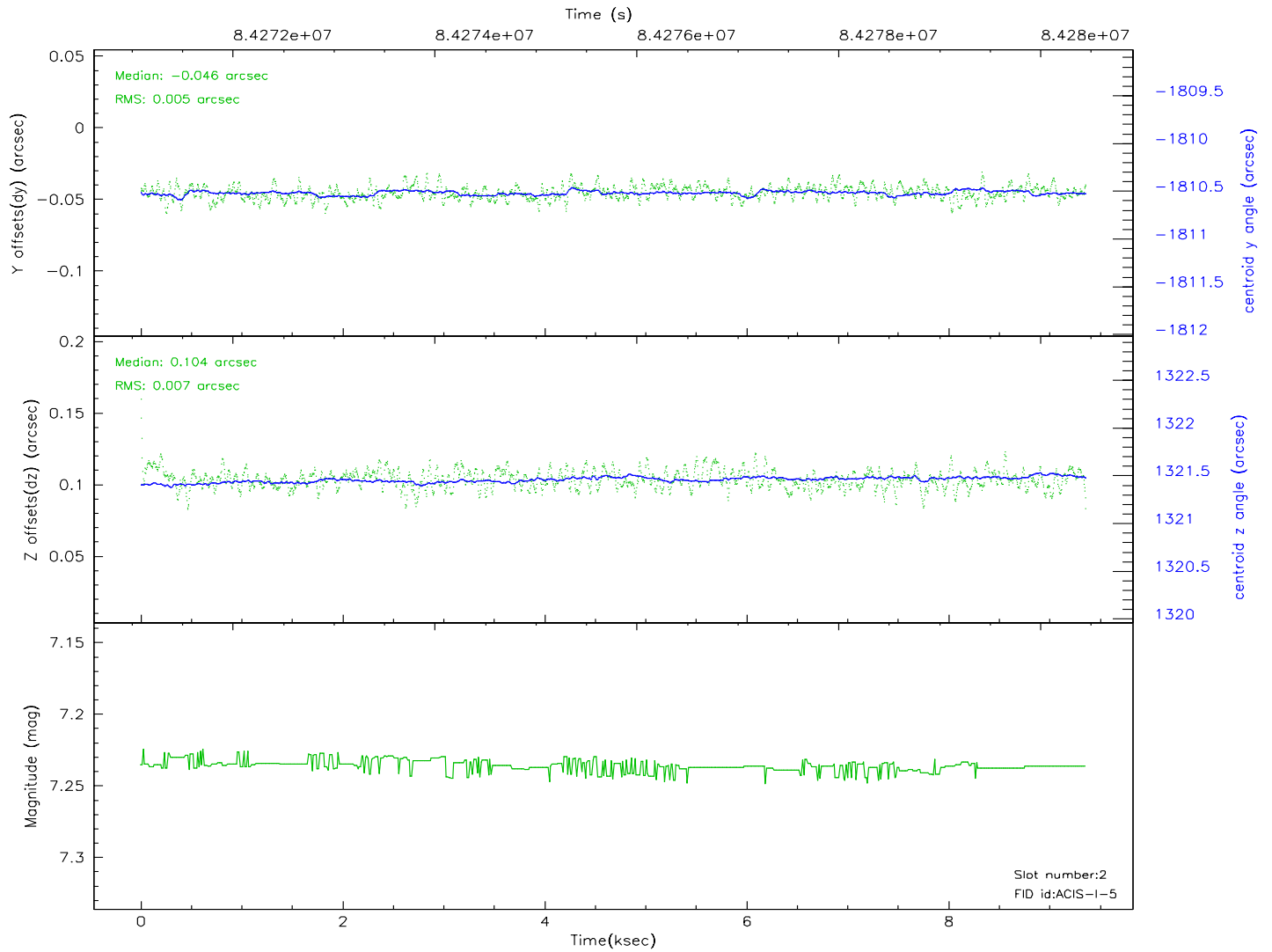
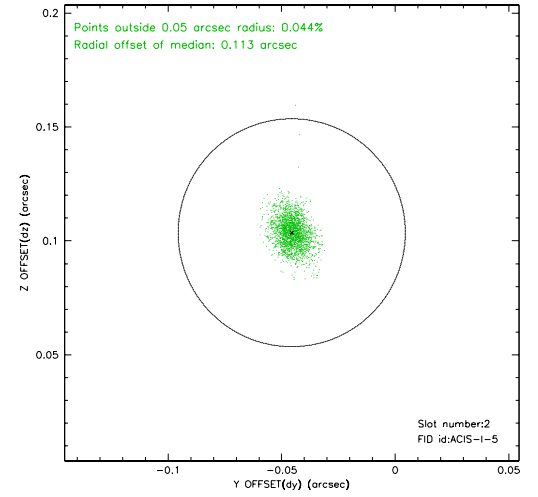
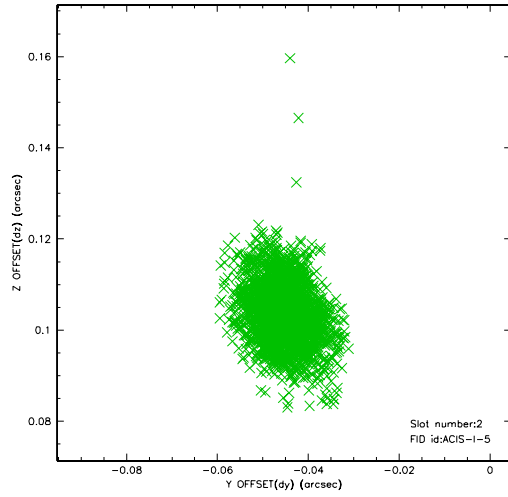
2.5.1 Slot 0



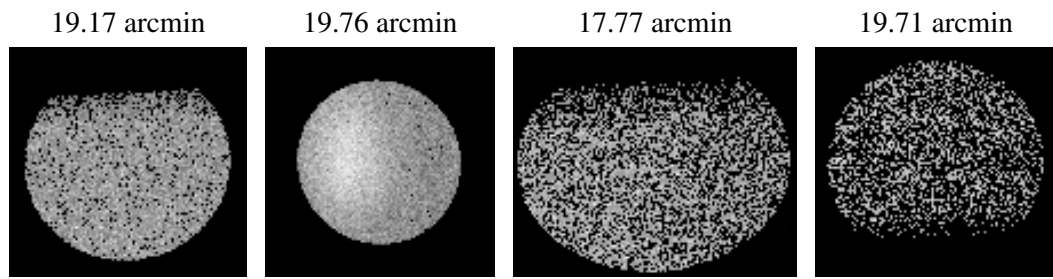
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.958

A.2 Comments