

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5536 - L2 Version 002
Chandra X-Ray Center

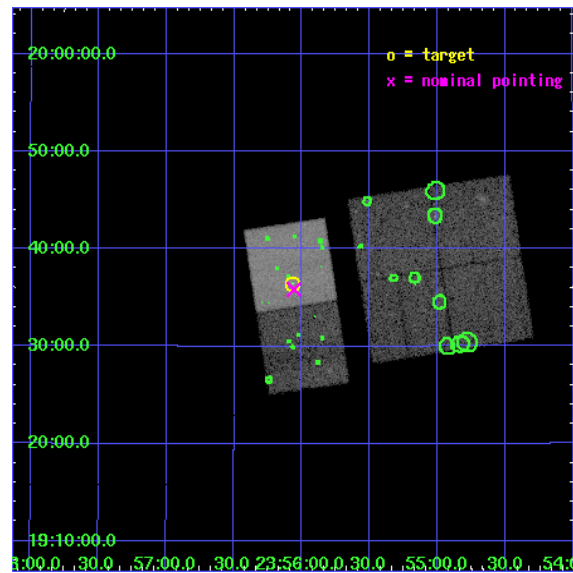
L2 Processing Date : Apr 2 2006

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1 Front

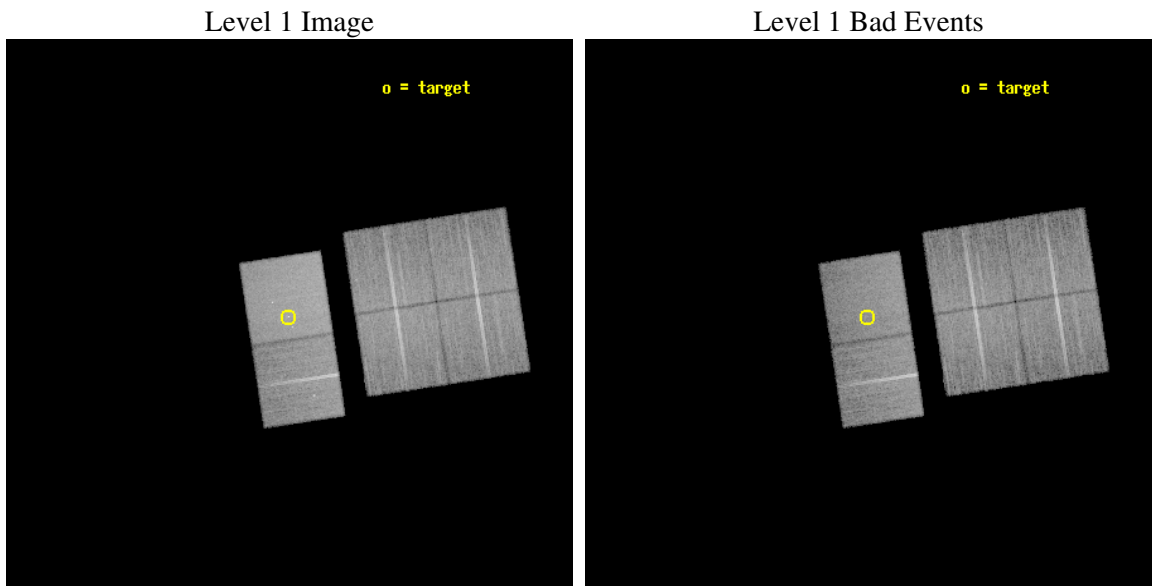
seq_num	500529
obs_id	5536
title	Probing the nature of Dark GRBs using Swift and Chandra in Synergy
observer	Dr Chryssa Kouveliotou
object	GRB051022
dtcycle	0
cycle	P
ra_targ	359.0183
dec_targ	19.6065
ra_nom	359.01502271569
dec_nom	19.597386422641
roll_nom	261.32377354454
revision	2
ontime	18963.199929357
livetime	18723.076473583
ontime0	18959.958958983
ontime1	18963.199929357
ontime2	18963.199929357
ontime3	18959.958929181
ontime6	18963.199929357
ontime7	18963.199929357
l2events	151950



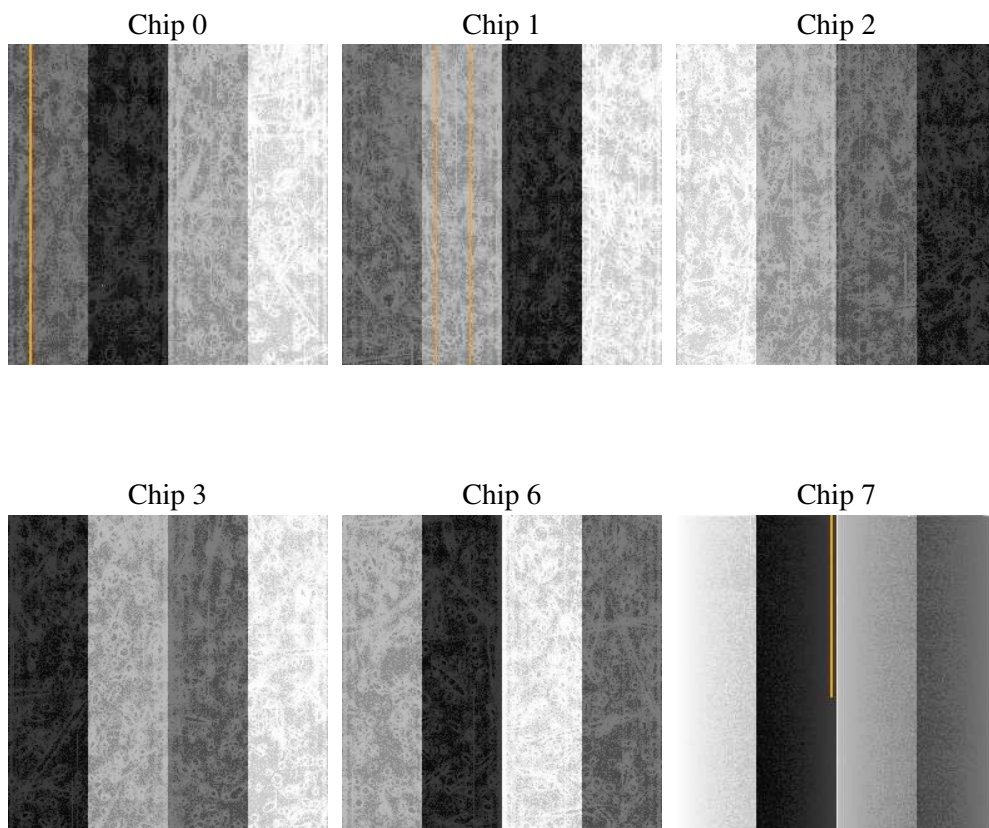
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-02T18:22:41
revision	2

sched_exp_time	18800.000000
ontime	20612.829860121
ontime0	20609.588889748
ontime1	20609.588899851
ontime2	20612.829850227
ontime3	20609.588850051
ontime6	20612.829850227
ontime7	20612.829860121
l1events	992318

2.1.4 Events

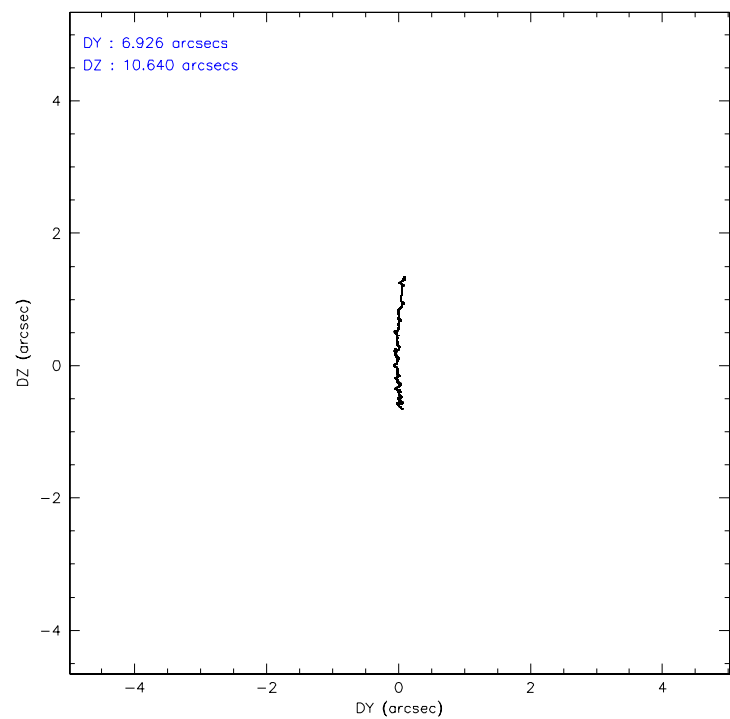
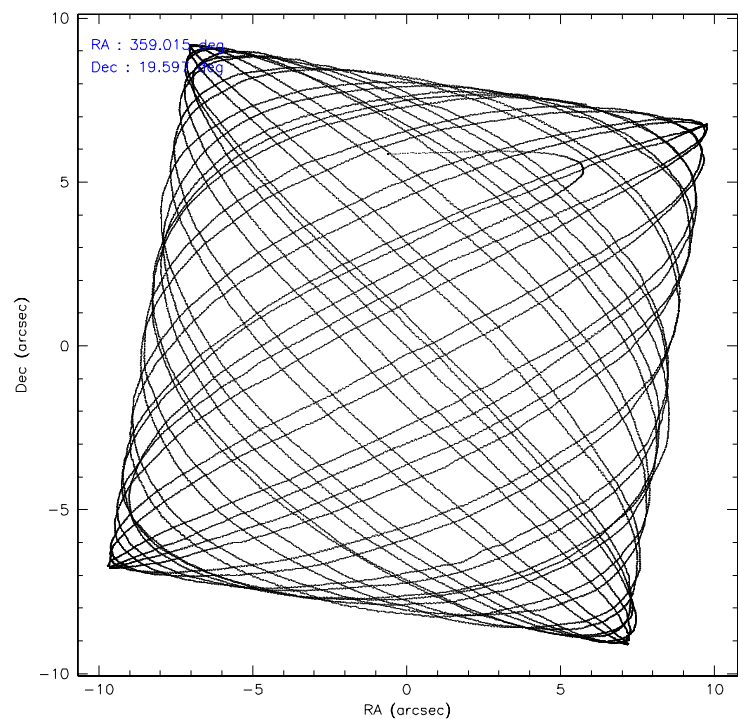
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	150999	147930	158711	151874	163193	219611
rejected events	133612	129186	141820	134892	145217	142140
rejected %	88%	87%	89%	88%	88%	64%

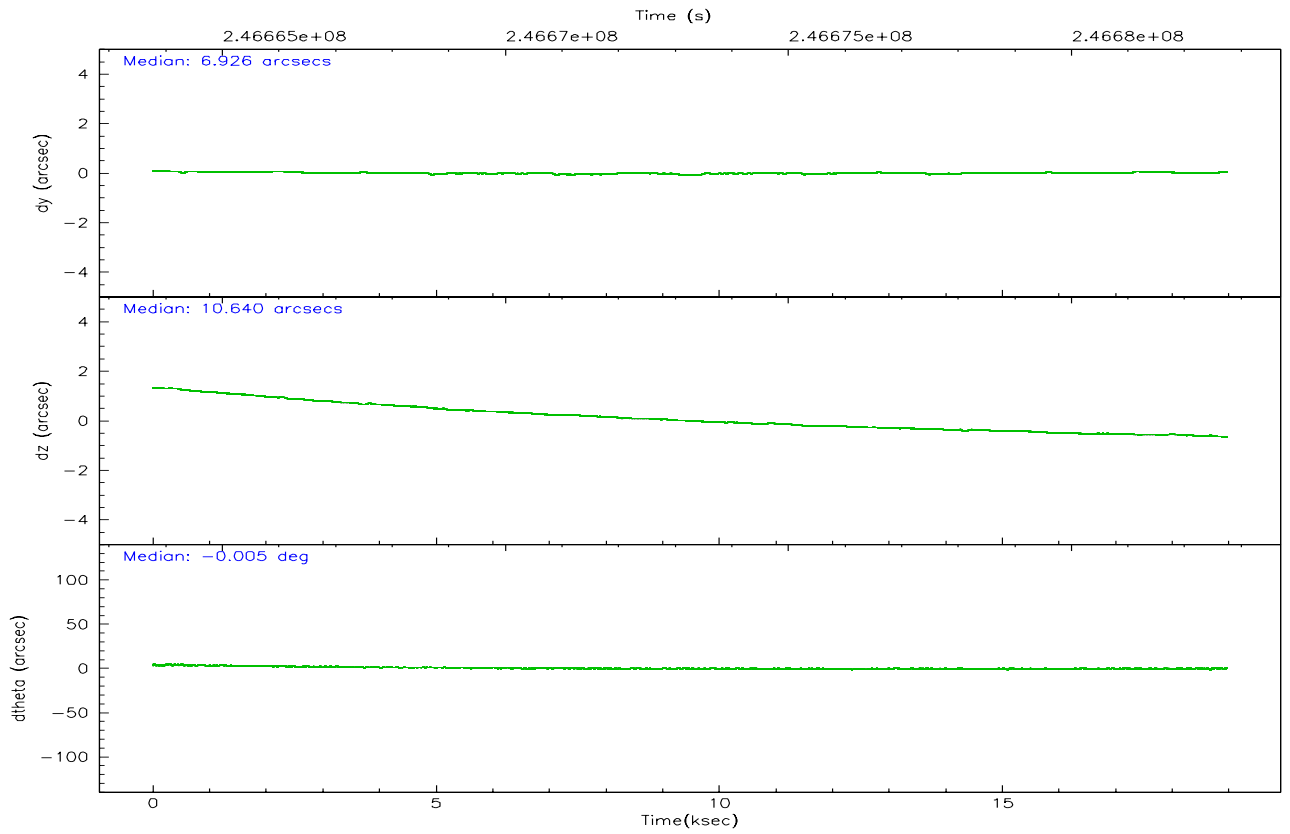
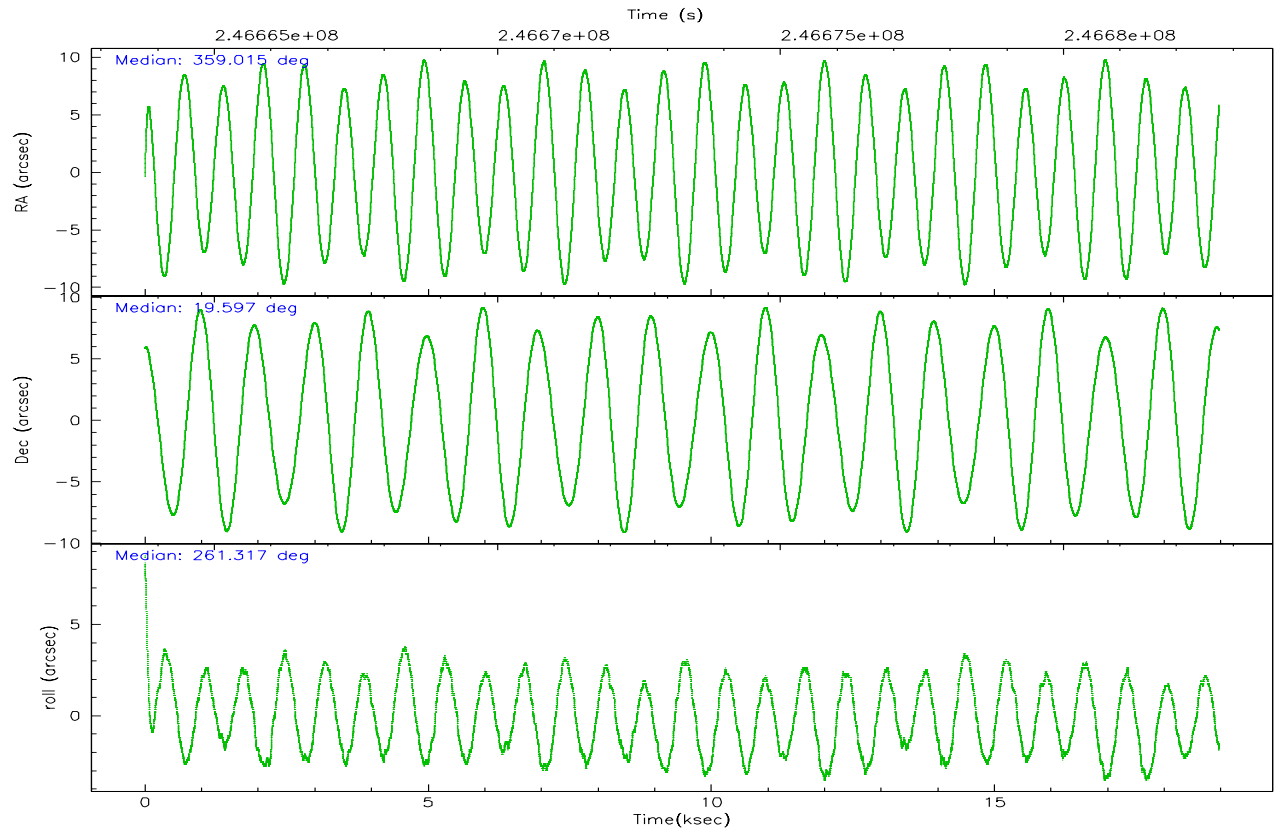
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	7912	8179	8147	8019	7886	4803
	5%	5%	5%	5%	4%	2%
grade 1 events	92	79	95	83	85	122
	0%	0%	0%	0%	0%	0%
grade 2 events	4234	4295	3746	3614	4043	20875
	2%	2%	2%	2%	2%	9%
grade 3 events	1747	1932	1717	1812	1833	4180
	1%	1%	1%	1%	1%	1%
grade 4 events	1692	1984	1732	1787	1855	4036
	1%	1%	1%	1%	1%	1%
grade 5 events	6574	6974	6019	7089	7741	14401
	4%	4%	3%	4%	4%	6%
grade 6 events	3350	3894	3050	3270	3919	50220
	2%	2%	1%	2%	2%	22%
grade 7 events	125398	120593	134205	126200	135831	120974
	83%	81%	84%	83%	83%	55%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	359.004155	359.0150227156889	Alternating exposures requested	N	N
Pointing Dec	19.622606	19.59738642264131	Primary exposure time	0.000000	3.2
Pointing Roll	261.170789	261.3237735445418			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	246663946.184000	246662060.298			
Observation start date	2005-10-25T21:44:42	2005-10-25T21:14:20			
Observation end time	246682746.184000	246683711.8865			
Observation end date	2005-10-26T02:58:02	2005-10-26T03:15:11			
Read mode	TIMED	TIMED			

2.3 Aspect



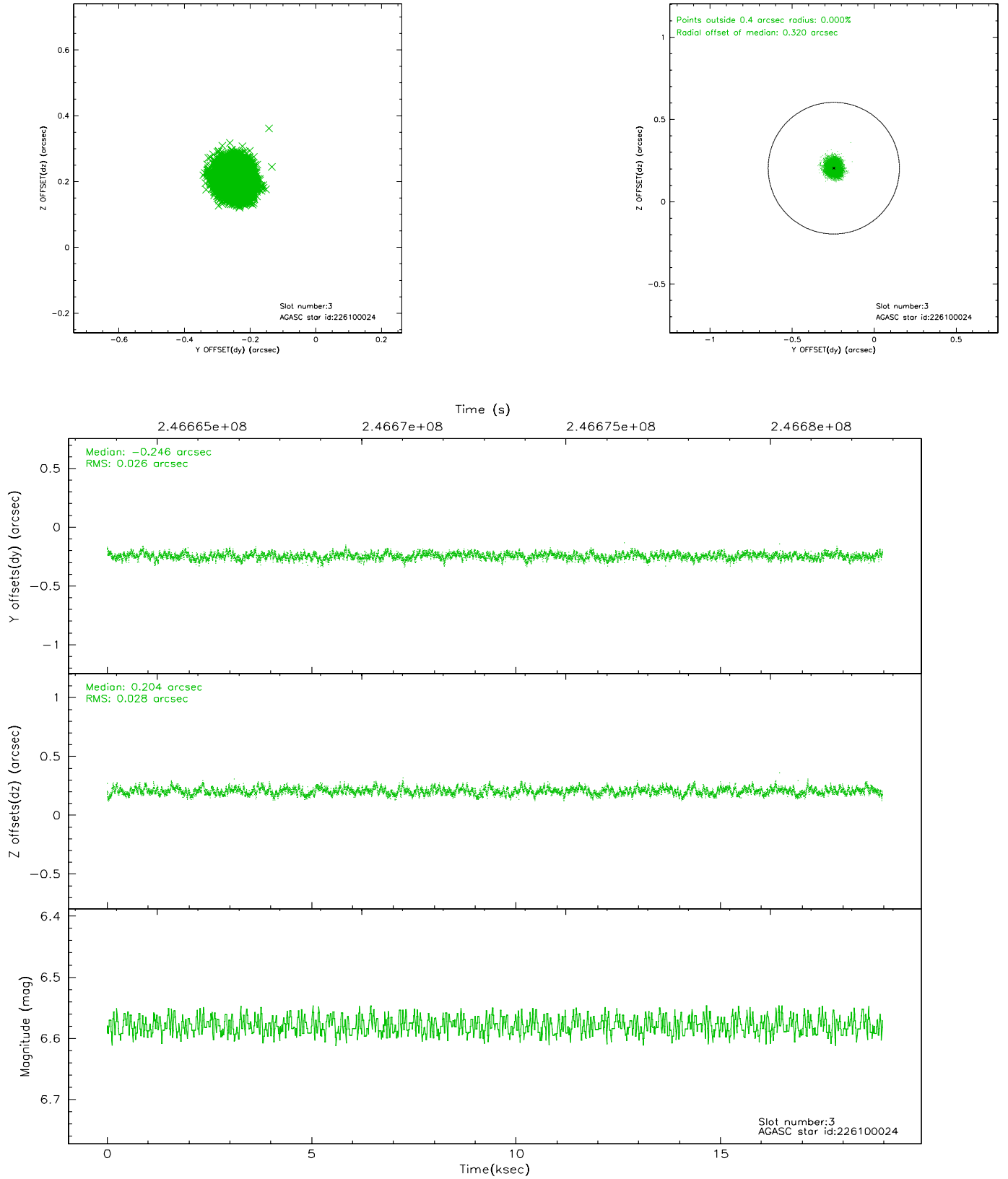


Slot Statistics

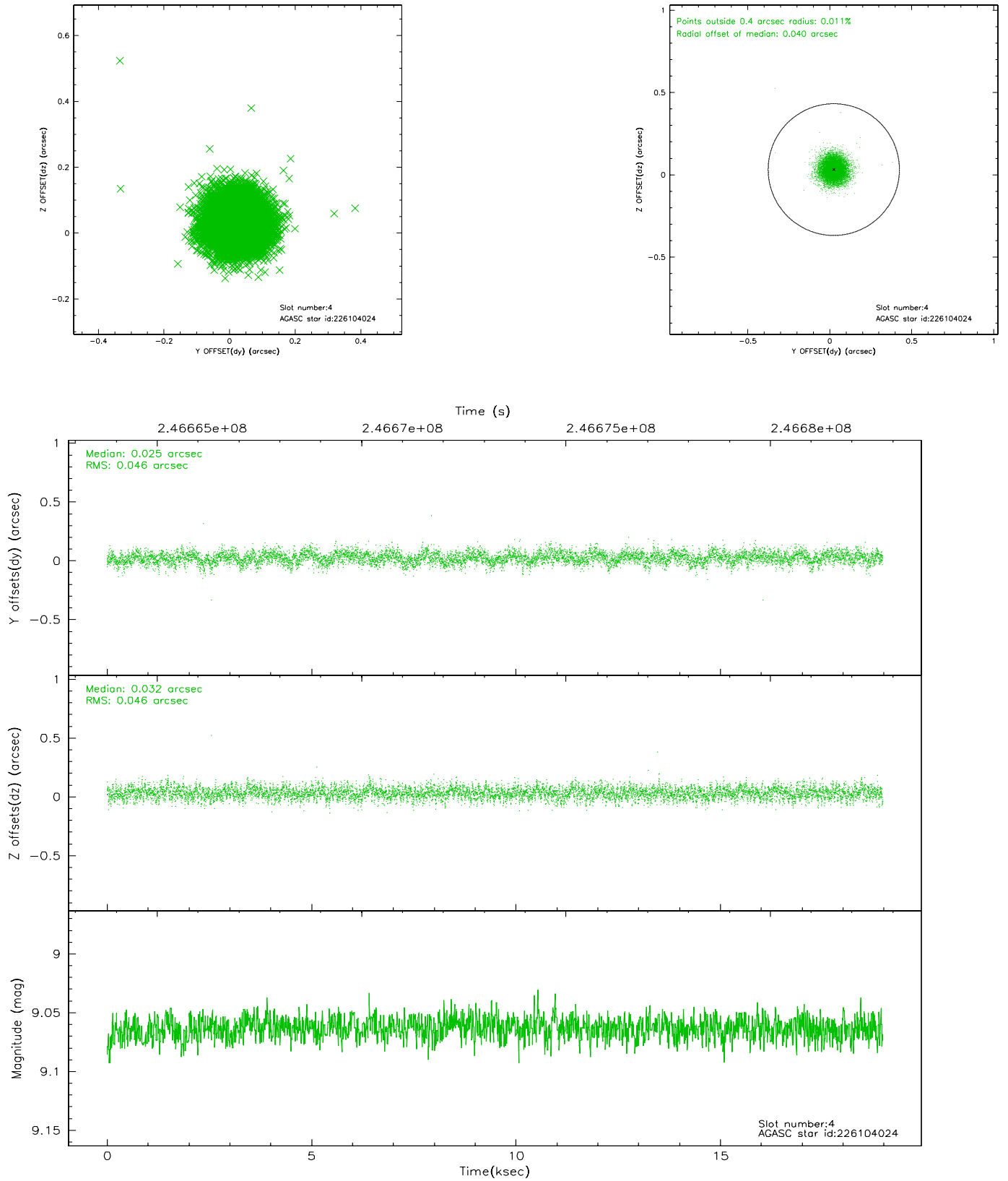
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4627	-0.048	-0.005	0.011	0.026	0.000000	0.000000	-759.69	-1732.00
1	FID	ACIS-S-4	7.21	4627	0.056	0.025	0.011	0.026	0.000000	0.000000	2153.56	176.36
2	FID	ACIS-S-5	7.23	4626	-0.040	-0.010	0.008	0.013	0.000000	0.000000	-1812.30	170.15
3	GUIDE	226100024	6.58	9254	-0.246	0.204	0.041	0.066	359.579415	19.693550	-555.07	1887.35
4	GUIDE	226104024	9.06	9249	0.025	0.032	0.068	0.112	359.015645	19.855655	-834.54	-90.13
5	GUIDE	226108032	9.04	9254	0.206	-0.045	0.082	0.136	358.713729	19.207011	1629.68	-745.78
6	GUIDE	226115072	9.19	9245	0.110	-0.090	0.078	0.126	358.677872	19.048080	2213.89	-779.57
7	GUIDE	226111456	8.03	9253	-0.094	-0.101	0.054	0.088	358.266878	19.556240	615.36	-2435.27

2.4 Star Slots

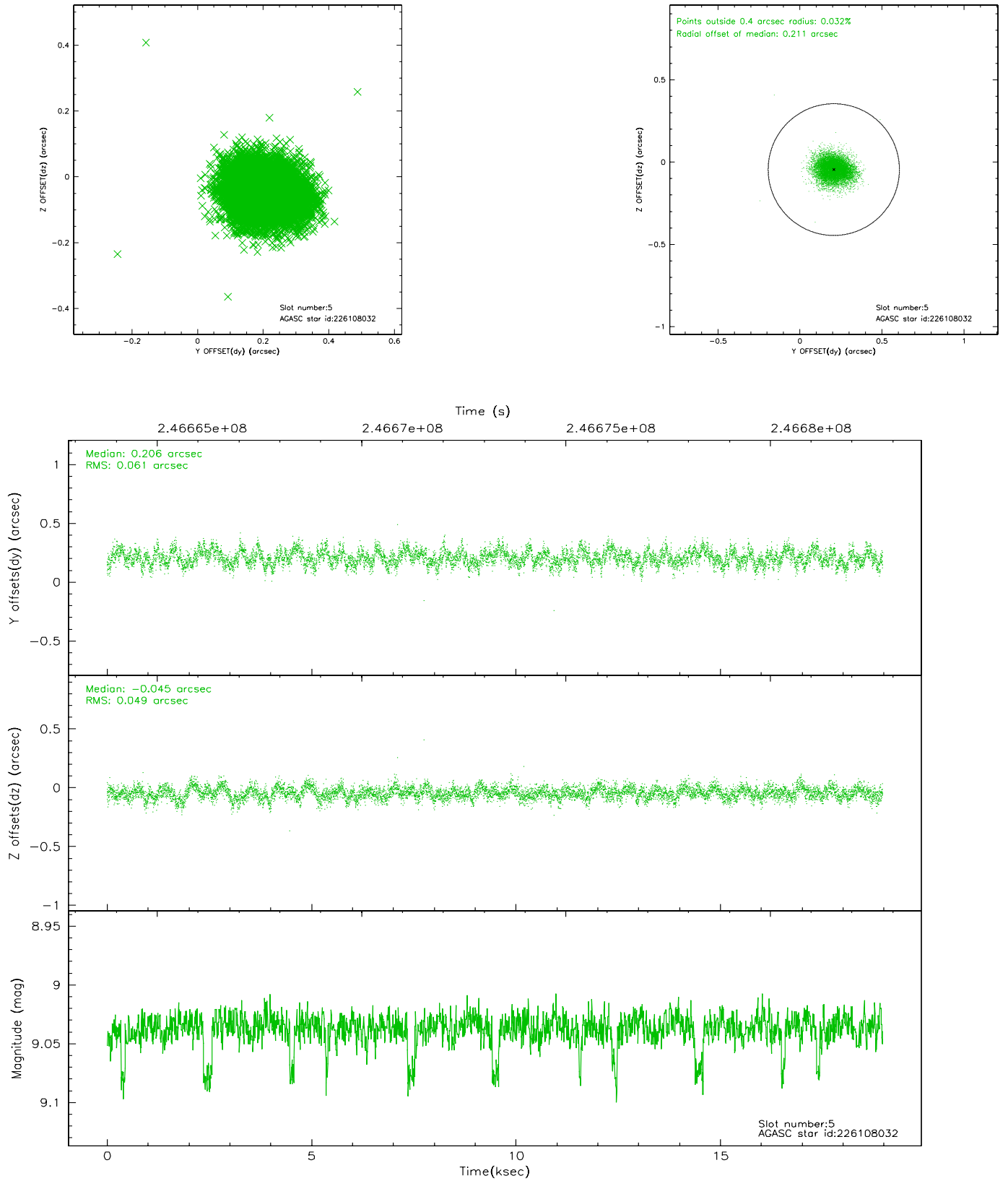
2.4.1 Slot 3



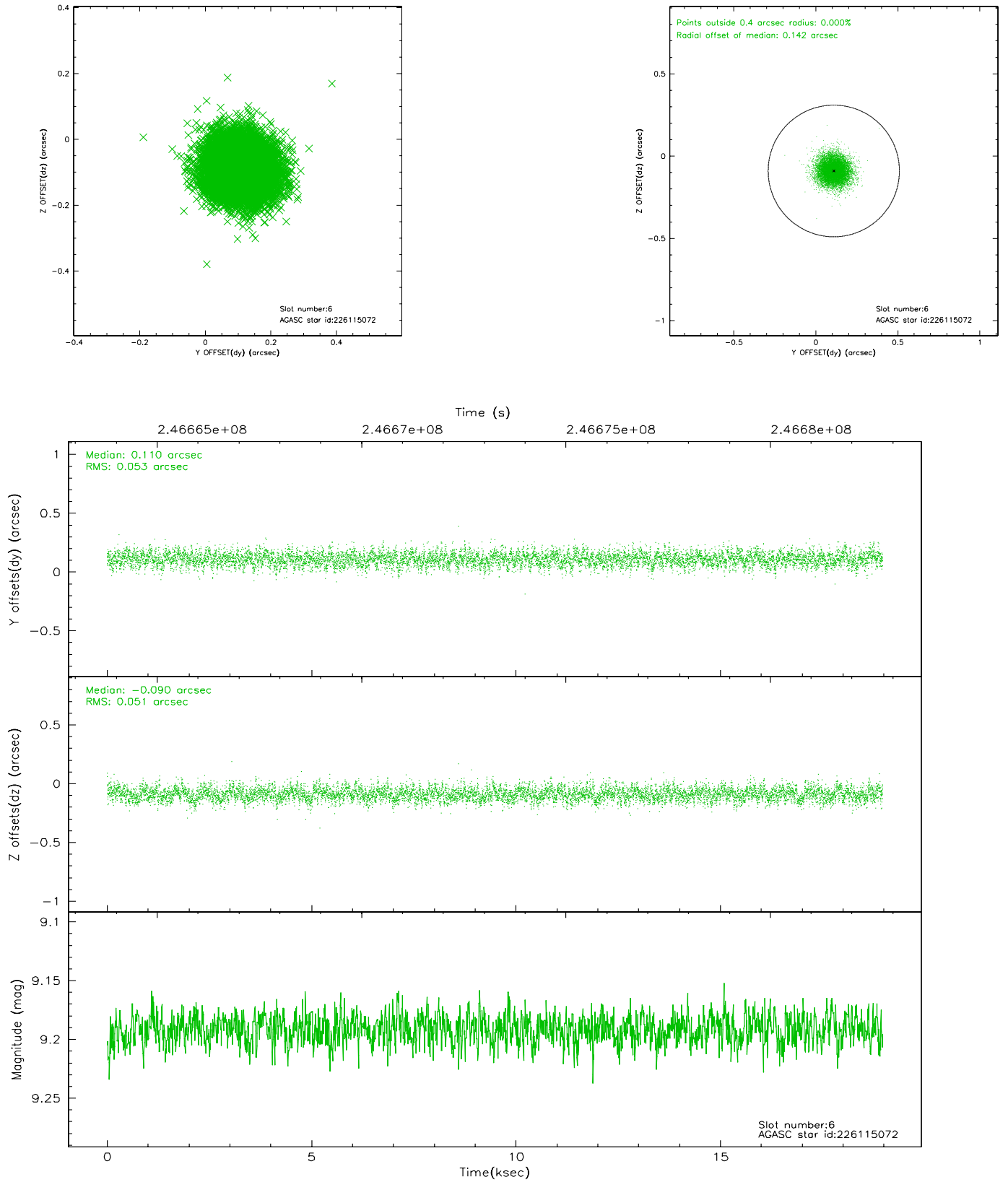
2.4.2 Slot 4



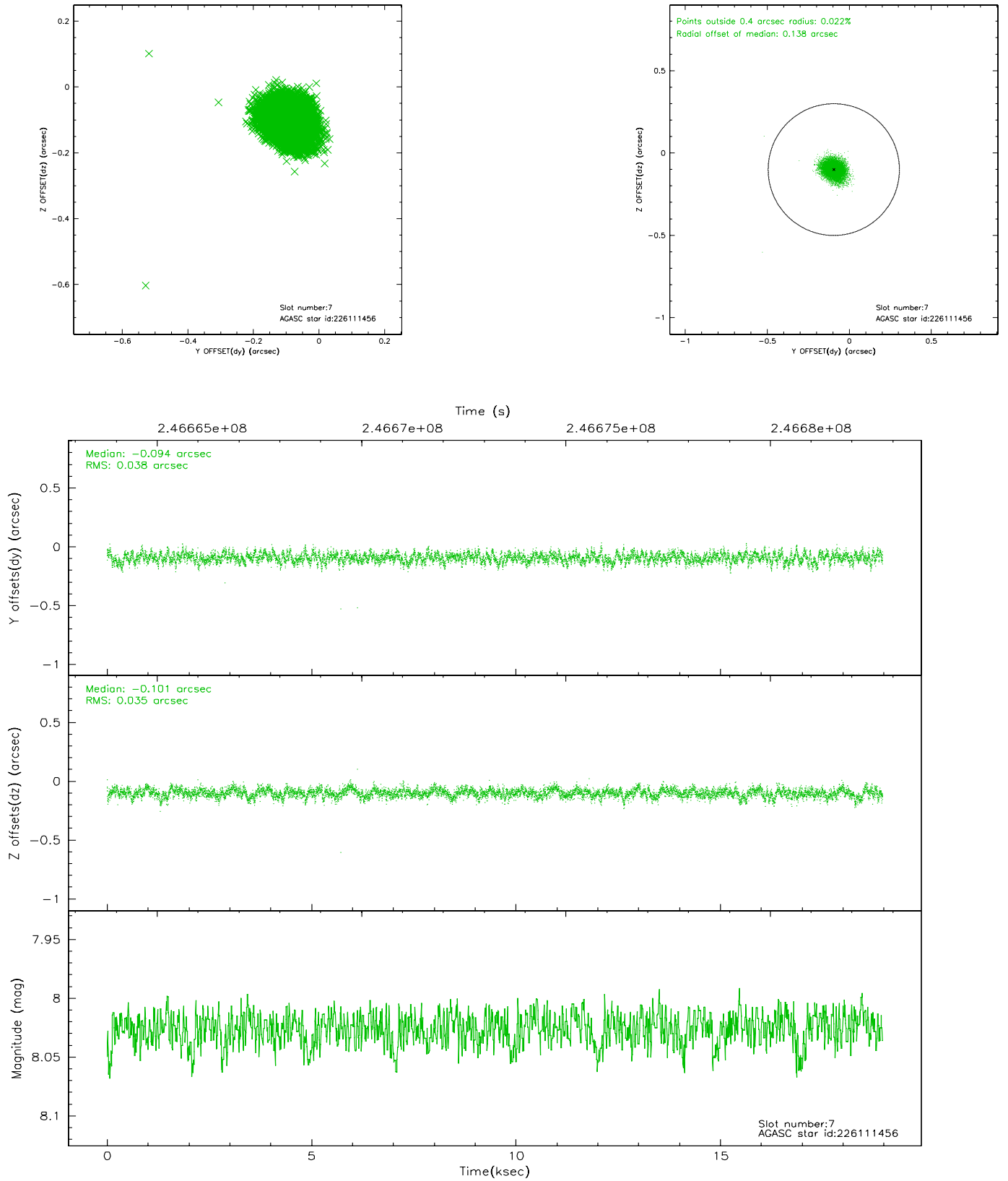
2.4.3 Slot 5



2.4.4 Slot 6

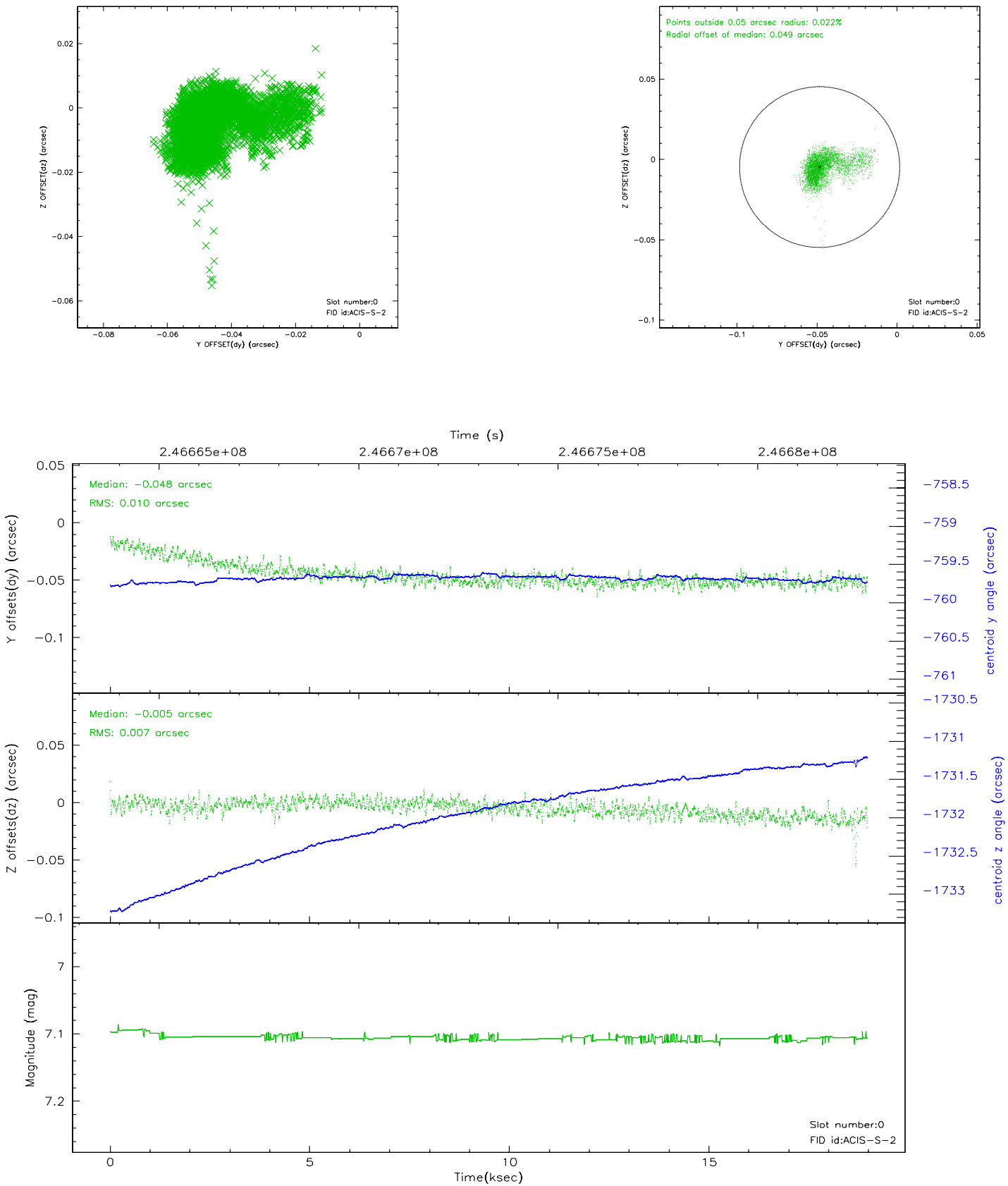


2.4.5 Slot 7

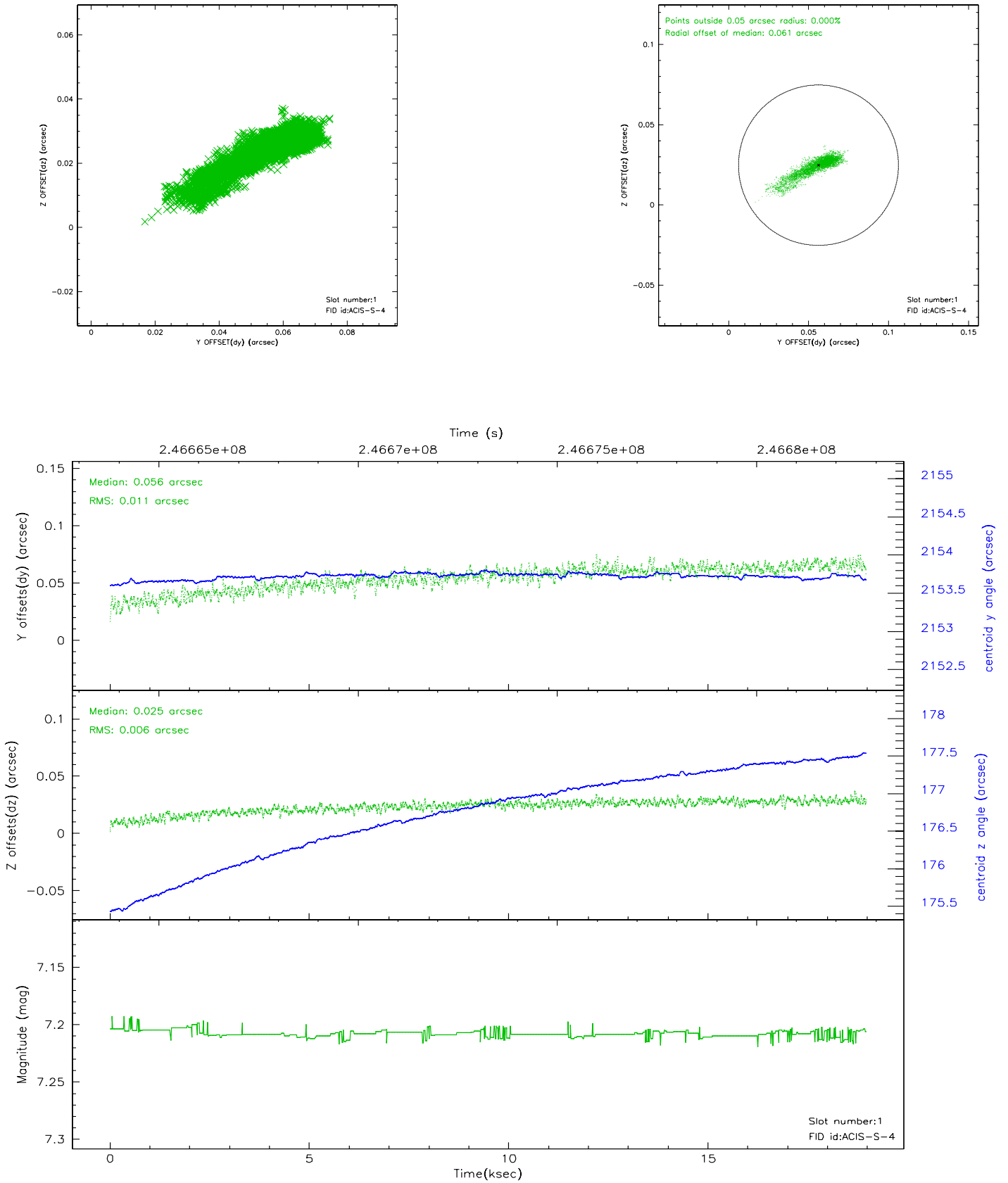


2.5 FID Slots

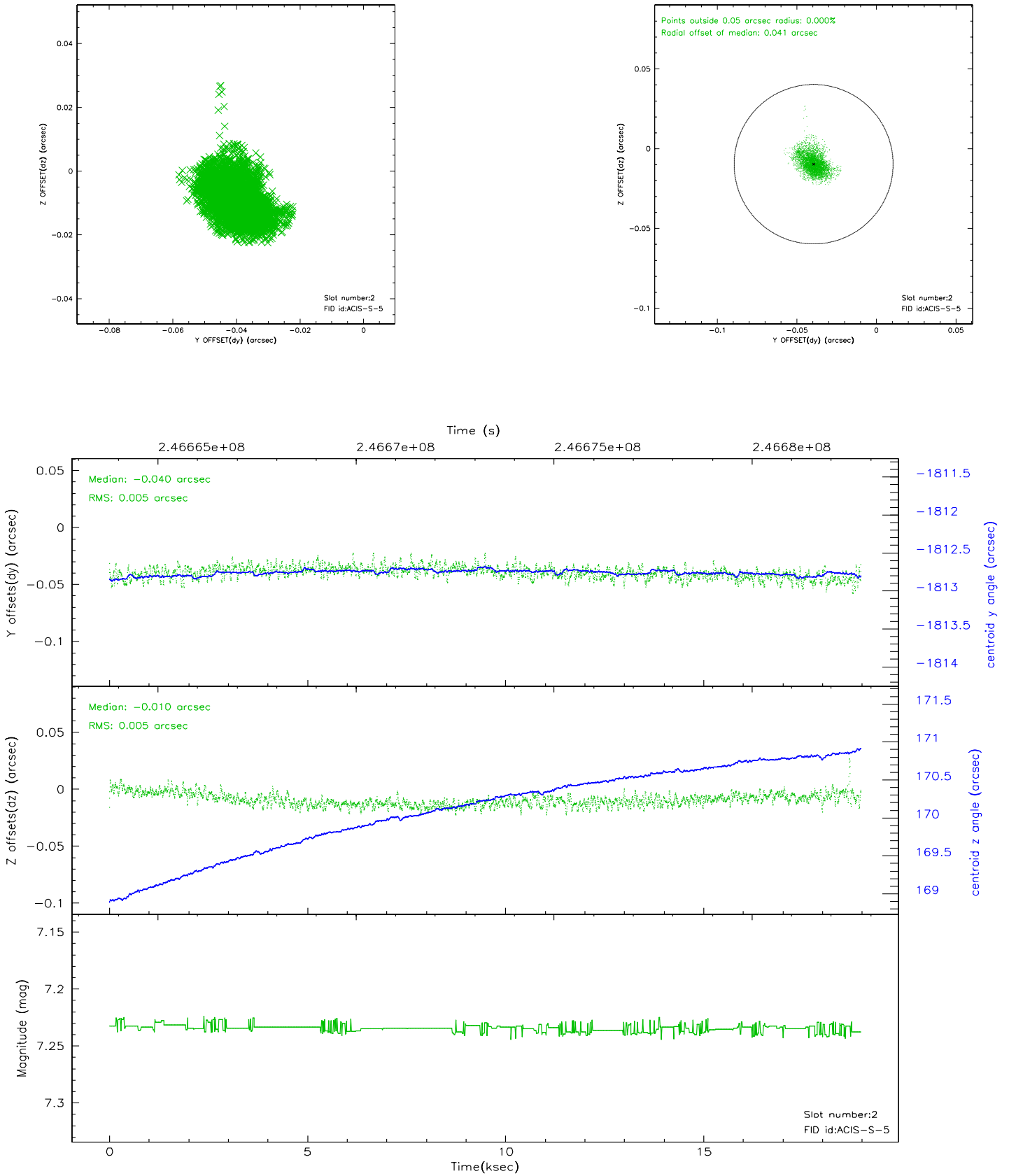
2.5.1 Slot 0



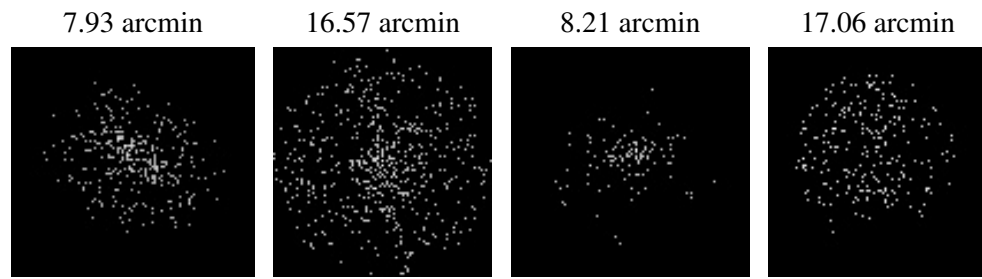
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.96319

A.2 Comments