

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5626 - L2 Version 002
Chandra X-Ray Center

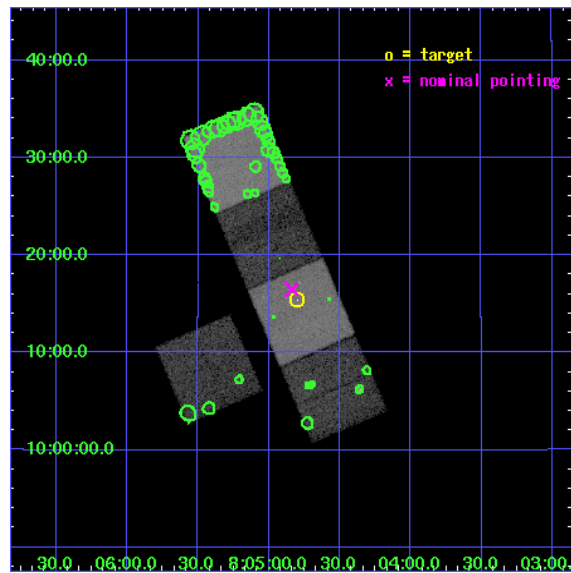
L2 Processing Date : Apr 8 2006

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1 Front

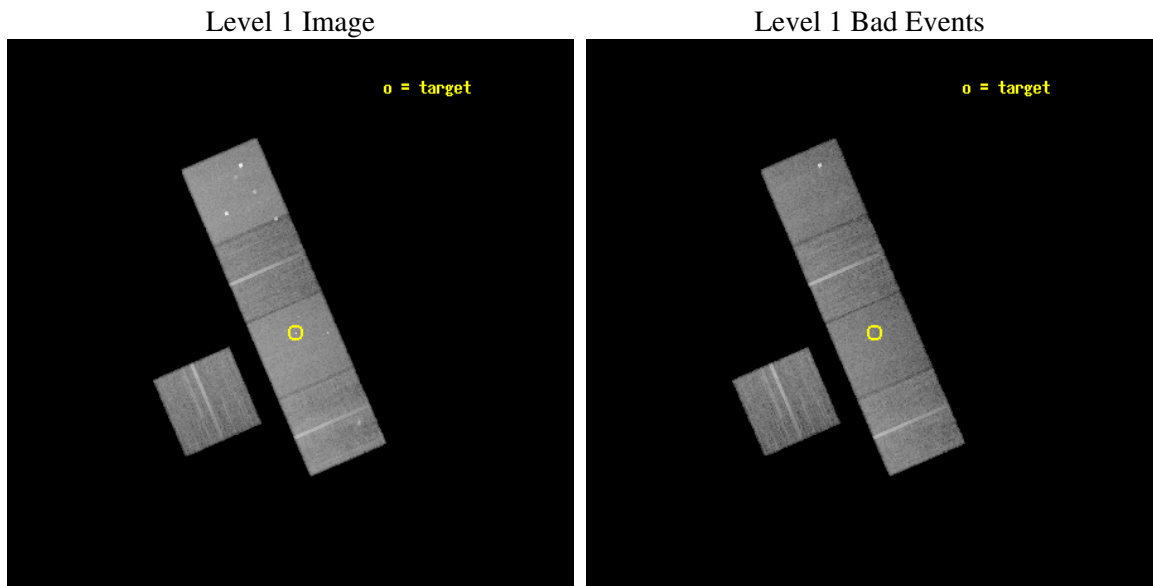
seq_num	701049
obs_id	5626
title	Extended inverse Compton emission from distant powerful radio galaxies
observer	Prof Andrew Fabian
object	3C 191
dtcycle	0
cycle	P
ra_targ	121.199583
dec_targ	10.256389
ra_nom	121.20949564169
dec_nom	10.274691613652
roll_nom	66.737742442596
revision	2
ontime	20035.299961478
livetime	19773.524017708
ontime3	20032.158981234
ontime5	20035.299961478
ontime6	20035.299961478
ontime7	20035.299961478
ontime8	20032.159050852
l2events	225991



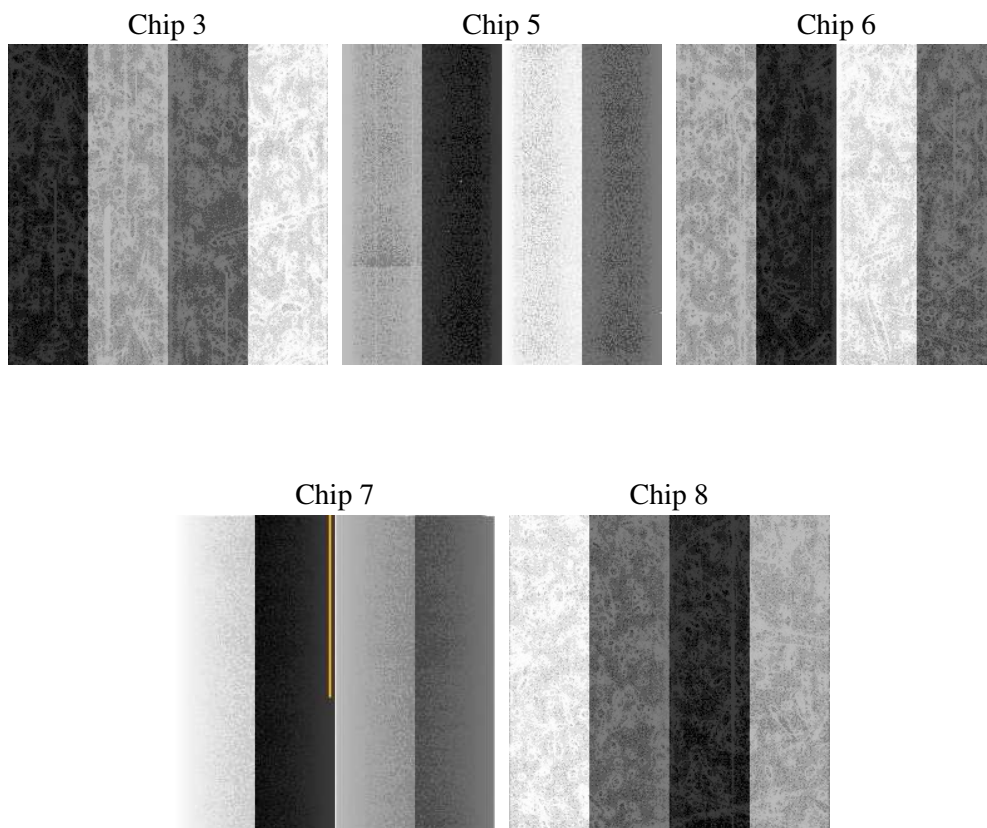
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-08T19:32:36
revision	2

sched_exp_time	20000.000000
ontime	20039.664591968
ontime3	20036.523611724
ontime5	20039.664611876
ontime6	20039.664591968
ontime7	20039.664591968
ontime8	20036.523681343
l1events	938082

2.1.4 Events

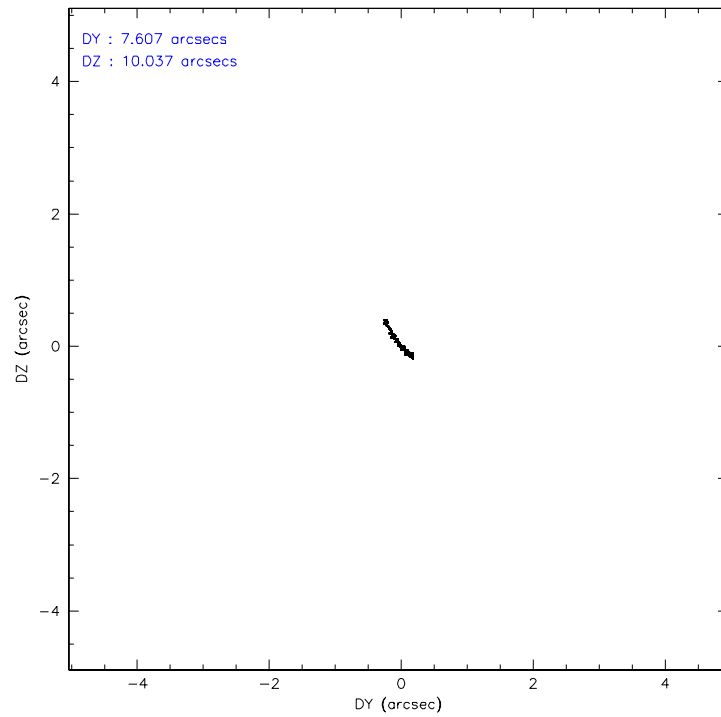
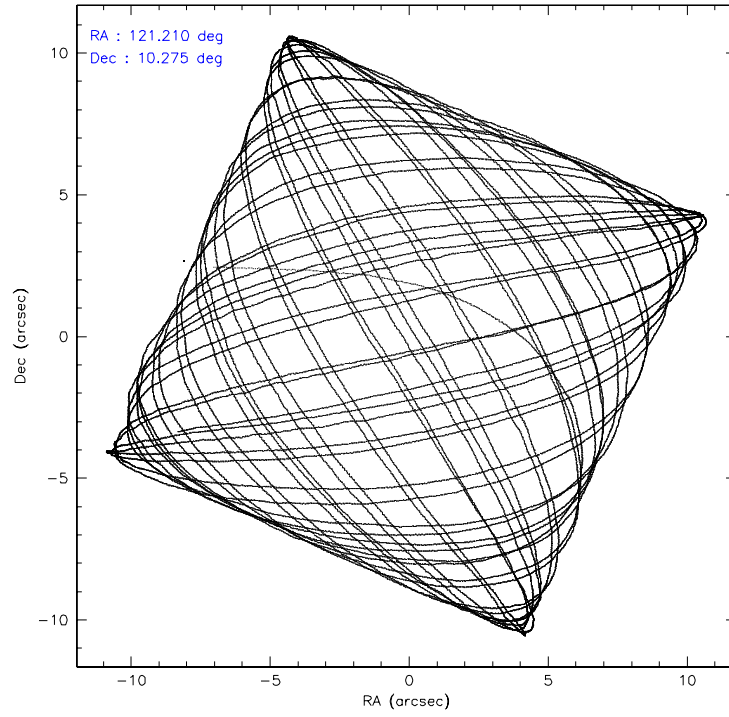
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	145933	233732	153482	208741	196194
rejected events	128311	128990	134867	127392	153860
rejected %	87%	55%	87%	61%	78%

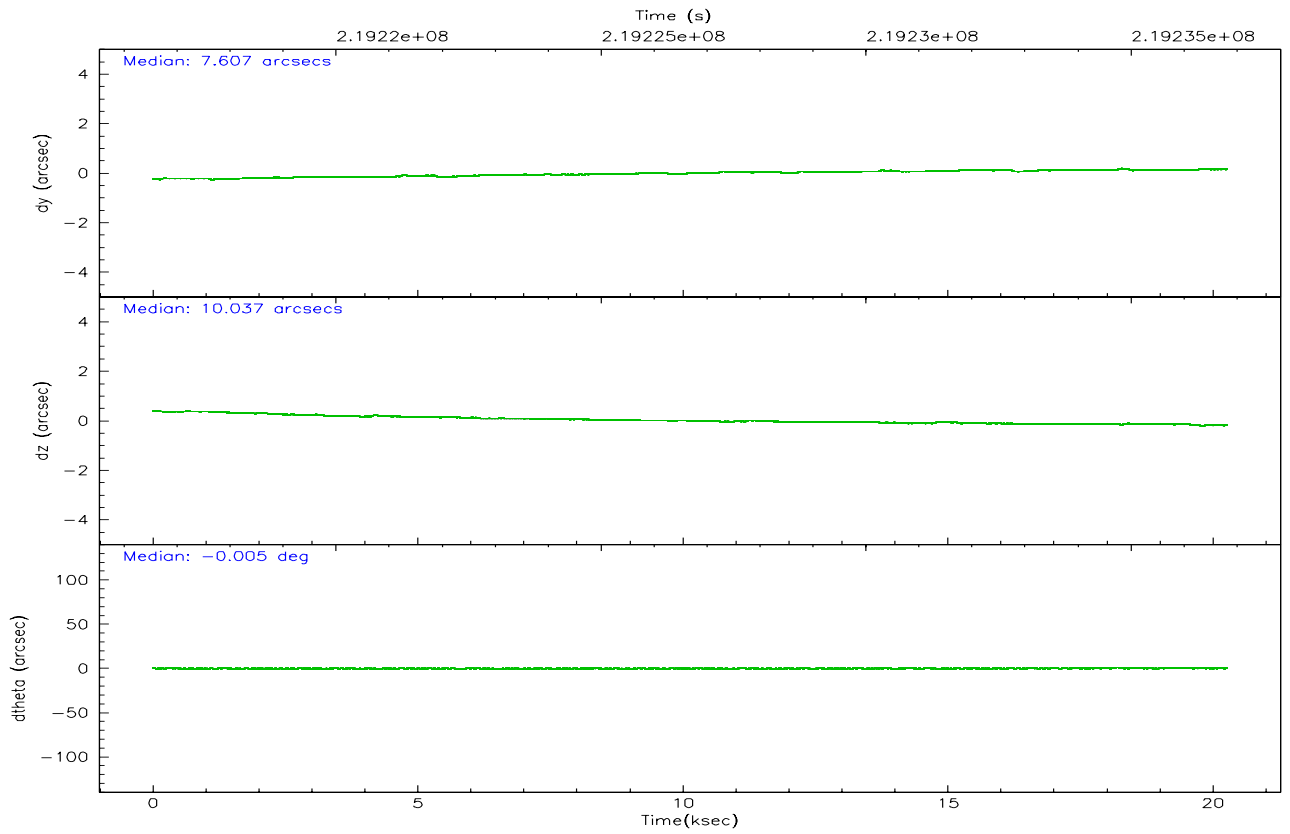
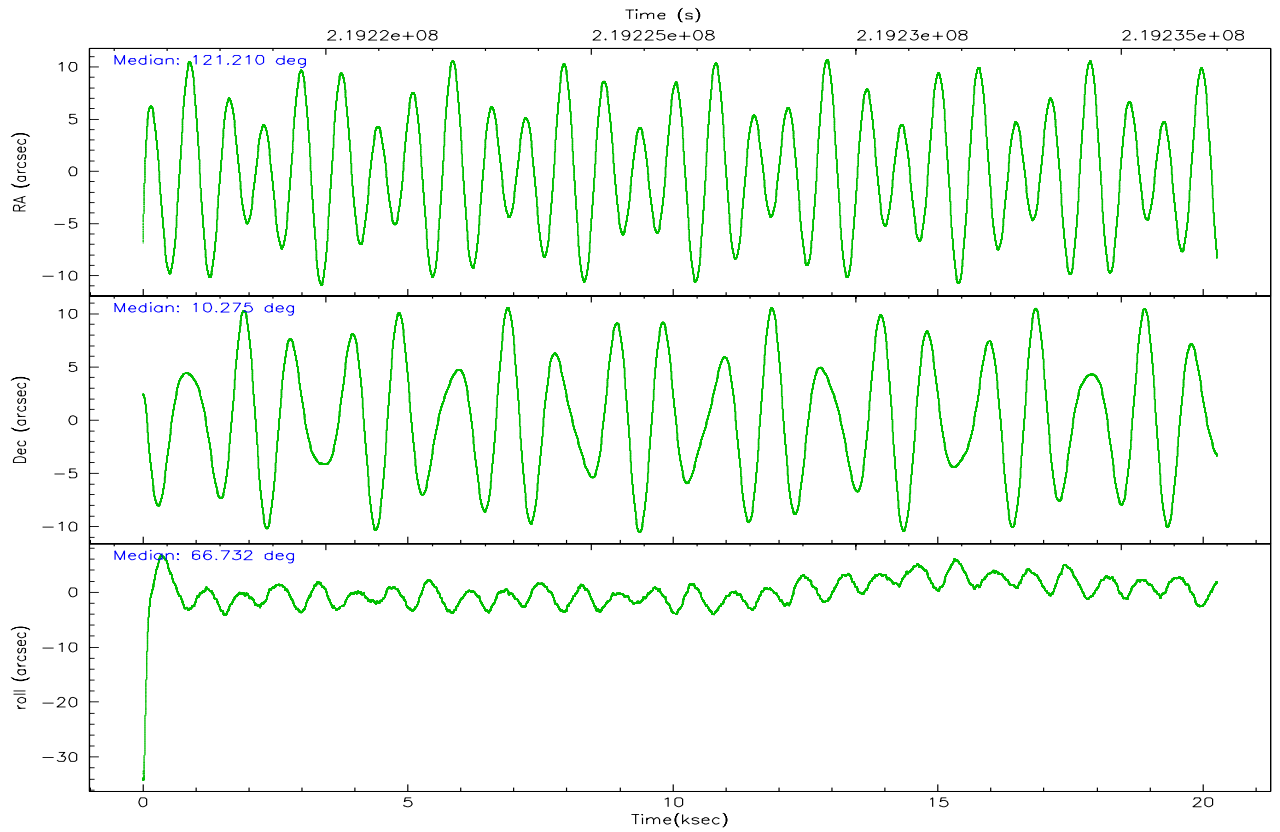
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7772	10183	7450	5094	14448
	5%	4%	4%	2%	7%
grade 1 events	79	199	82	159	135
	0%	0%	0%	0%	0%
grade 2 events	3422	32069	3944	20161	9020
	2%	13%	2%	9%	4%
grade 3 events	1719	2660	1757	4264	4430
	1%	1%	1%	2%	2%
grade 4 events	1738	2130	1787	4006	4198
	1%	0%	1%	1%	2%
grade 5 events	6554	12111	7068	13750	8952
	4%	5%	4%	6%	4%
grade 6 events	2976	57733	3683	47846	10260
	2%	24%	2%	22%	5%
grade 7 events	121673	116647	127711	113461	144751
	83%	49%	83%	54%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	121.213118	121.2094956416948	Alternating exposures requested	N	N
Pointing Dec	10.247714	10.27469161365229	Primary exposure time	0.000000	3.1
Pointing Roll	66.580492	66.73774244259604			
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	219216812.184000	219215836.48503			
Observation start date	2004-12-12T05:32:28	2004-12-12T05:17:16			
Observation end time	219236812.184000	219237163.14849			
Observation end date	2004-12-12T11:05:48	2004-12-12T11:12:43			
Read mode	TIMED	TIMED			

2.3 Aspect



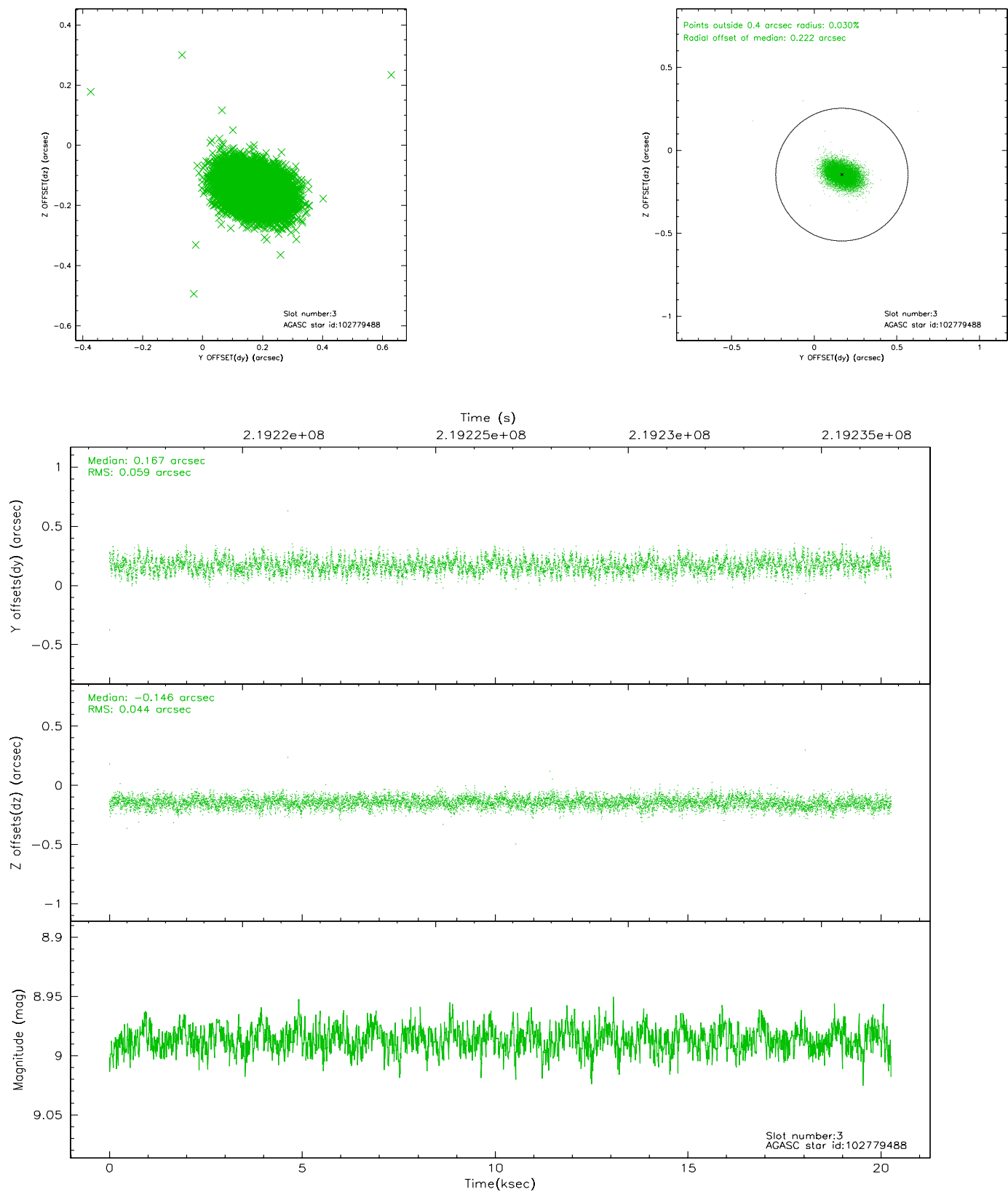


Slot Statistics

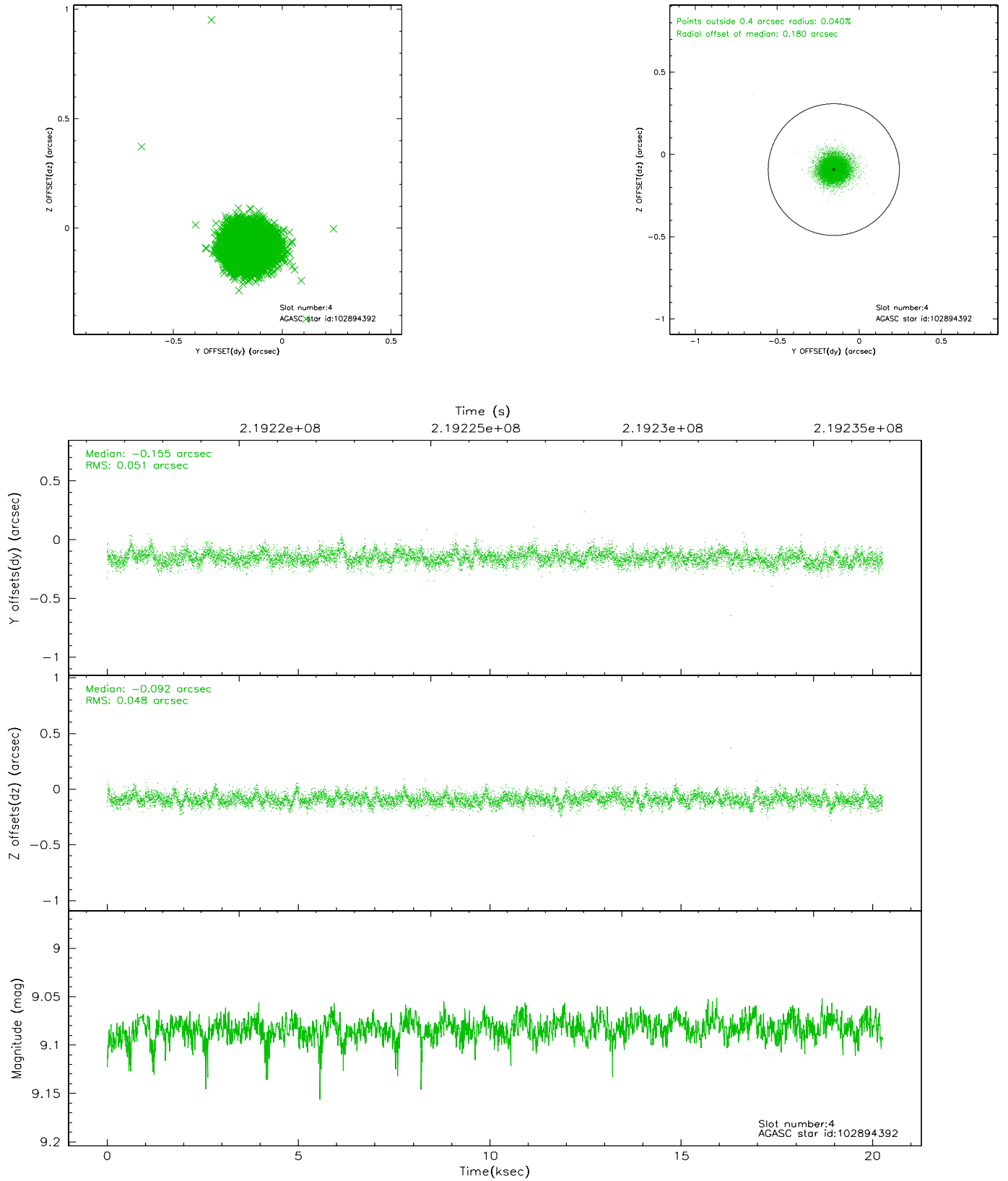
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4943	-0.038	-0.005	0.009	0.016	0.000000	0.000000	-760.35	-1731.30
1	FID	ACIS-S-4	7.21	4943	0.063	0.020	0.009	0.019	0.000000	0.000000	2152.89	177.09
2	FID	ACIS-S-5	7.24	4944	-0.056	-0.005	0.010	0.017	0.000000	0.000000	-1813.03	170.85
3	GUIDE	102779488	8.99	9884	0.167	-0.146	0.078	0.126	120.488040	10.011003	-1800.90	2021.19
4	GUIDE	102894392	9.08	9882	-0.155	-0.092	0.073	0.118	121.311792	10.844838	2111.04	534.86
5	GUIDE	102900008	8.44	9884	0.031	0.194	0.075	0.122	121.701170	9.767302	-897.08	-2275.38
6	GUIDE	102906648	7.79	9886	0.088	-0.040	0.082	0.125	121.088001	10.249590	-169.75	409.38
7	GUIDE	102893184	8.41	9882	-0.131	0.084	0.060	0.096	121.068238	10.856757	1808.38	1342.10

2.4 Star Slots

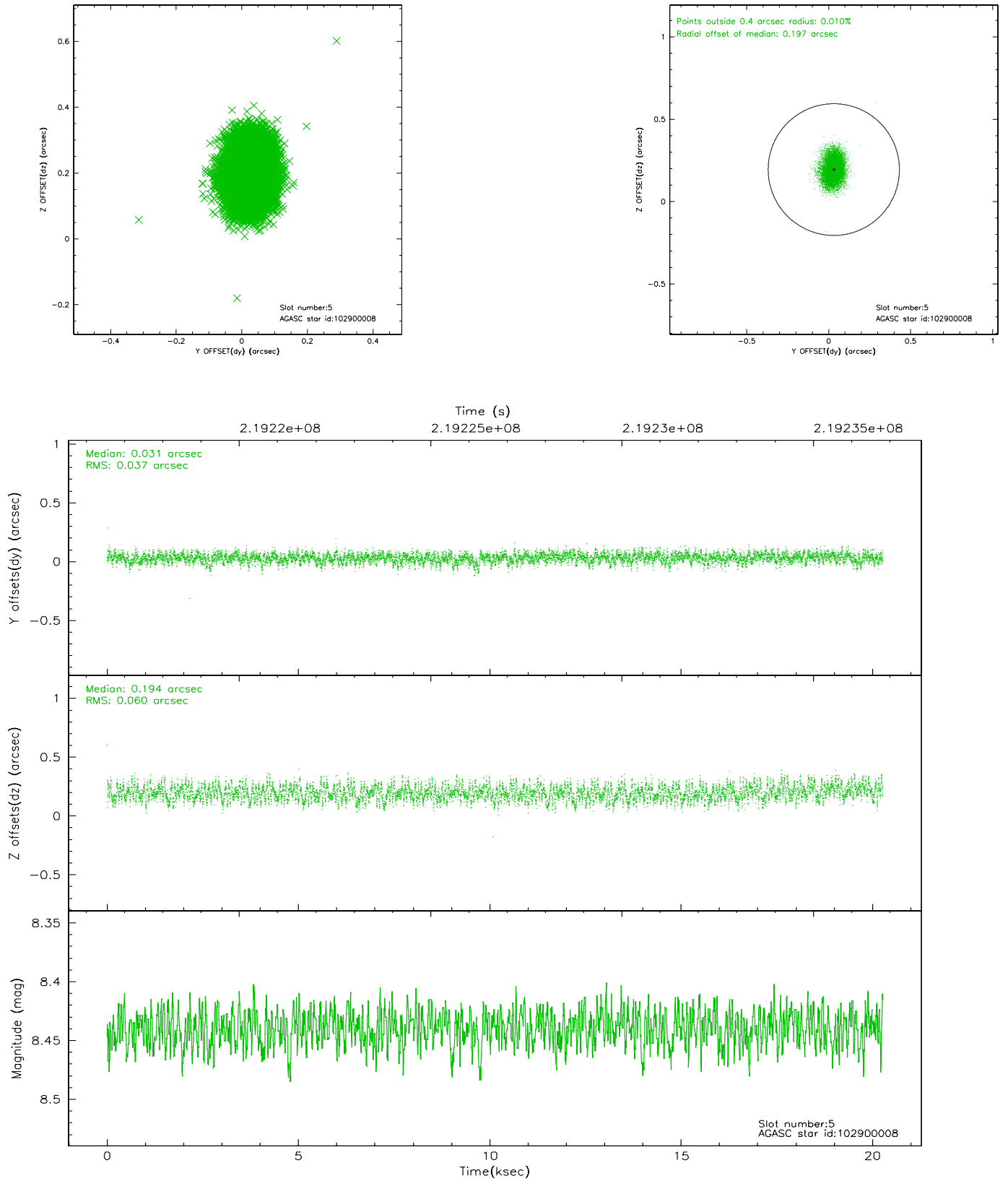
2.4.1 Slot 3



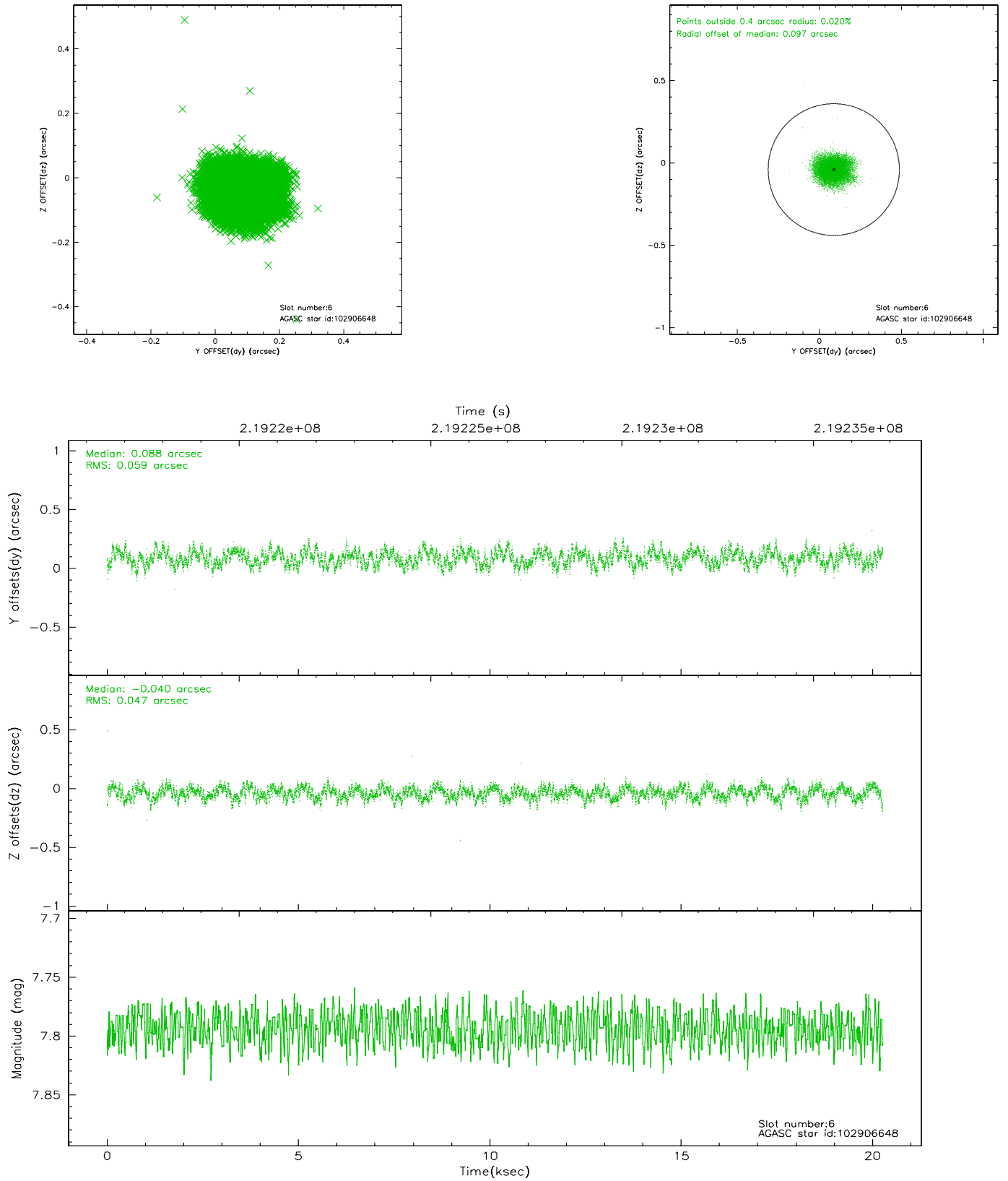
2.4.2 Slot 4



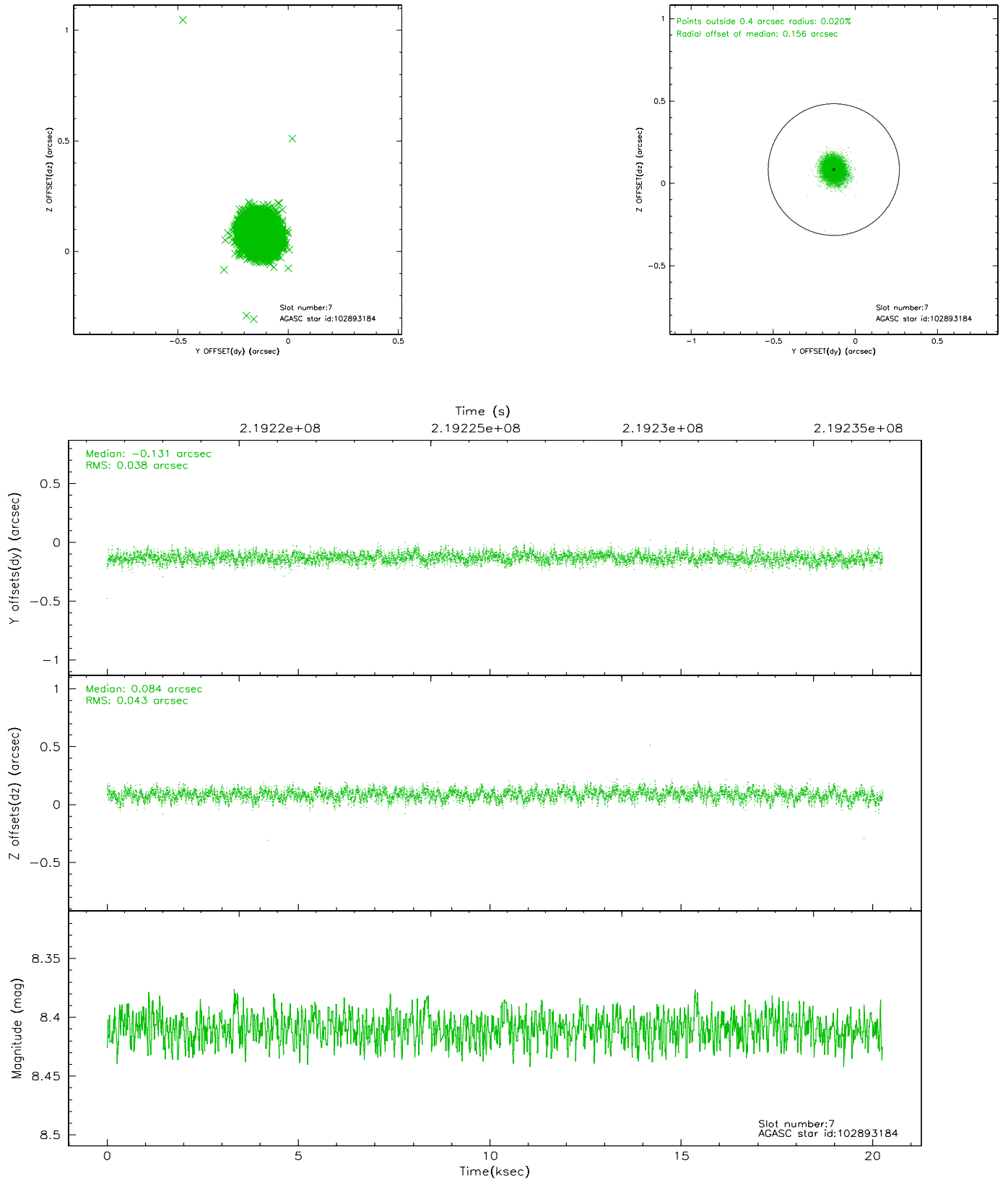
2.4.3 Slot 5



2.4.4 Slot 6

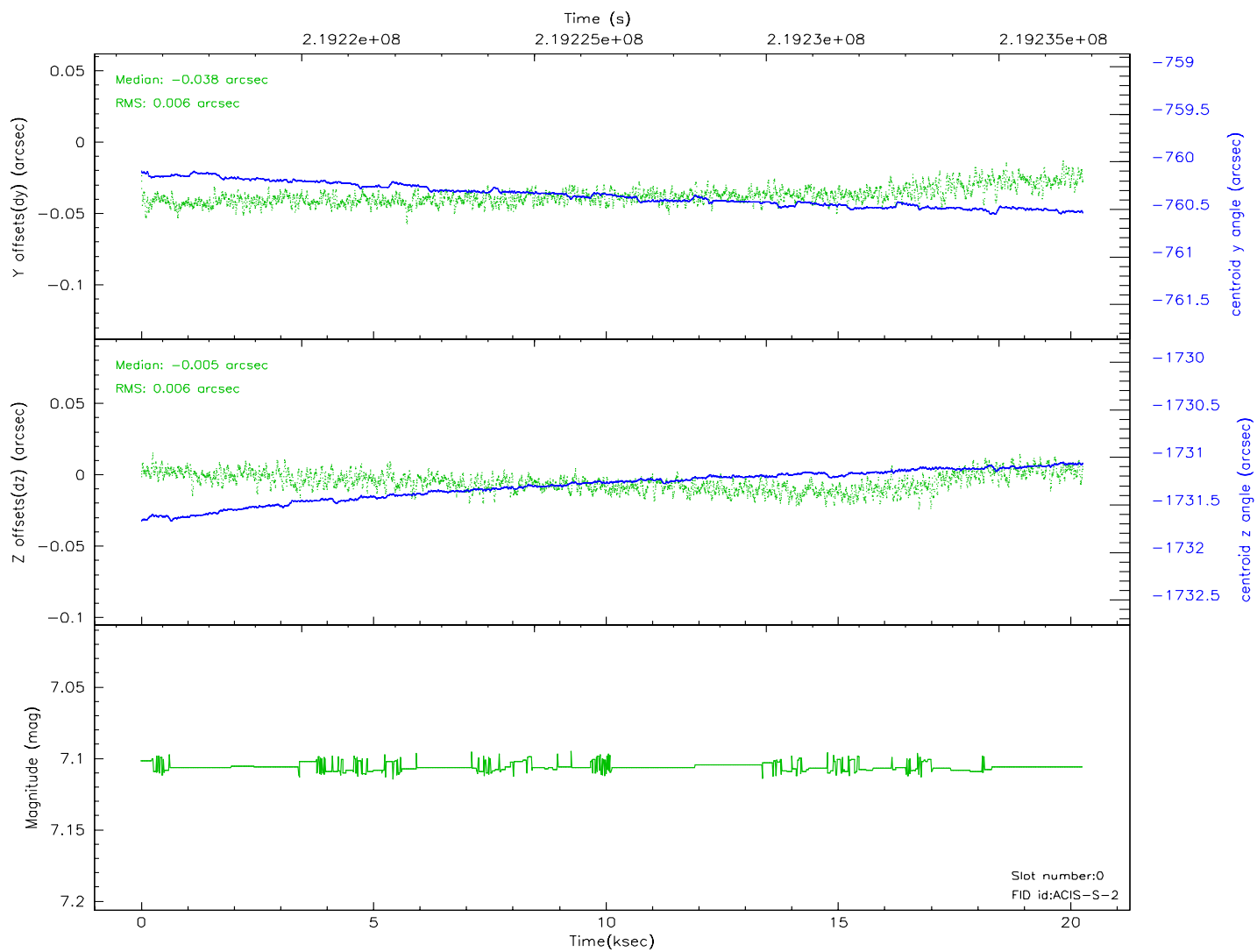
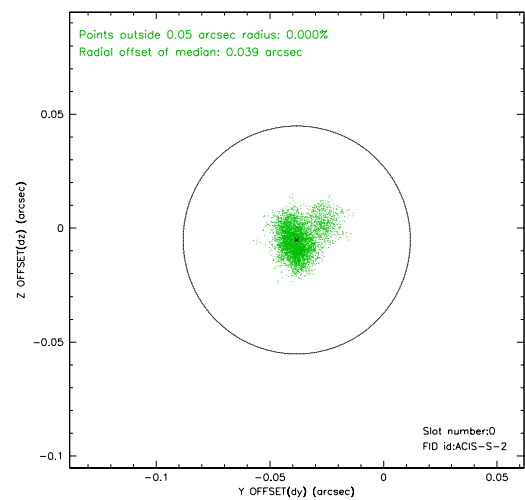
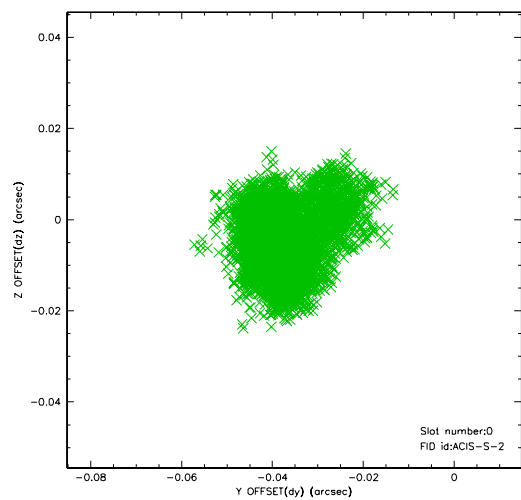


2.4.5 Slot 7

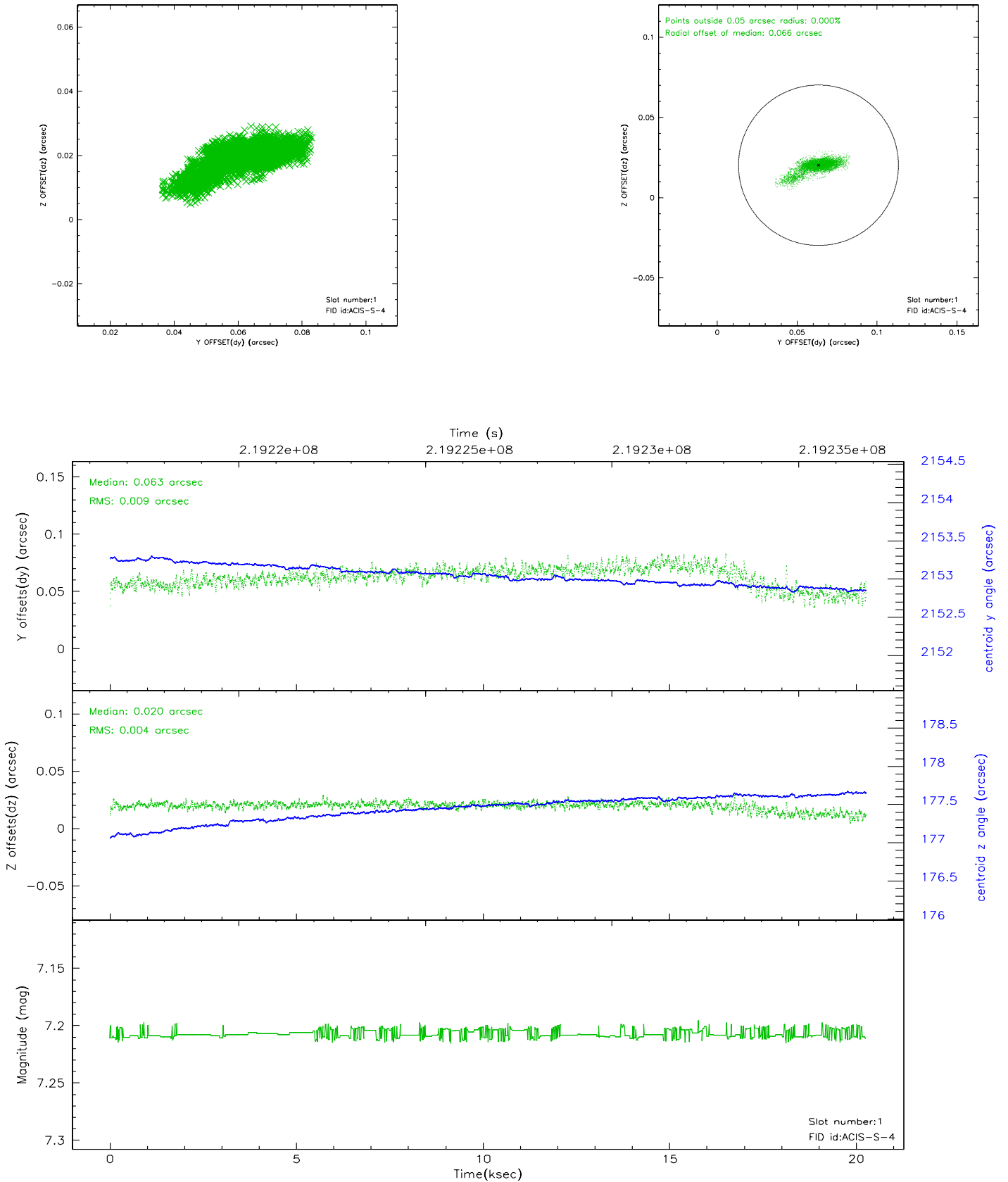


2.5 FID Slots

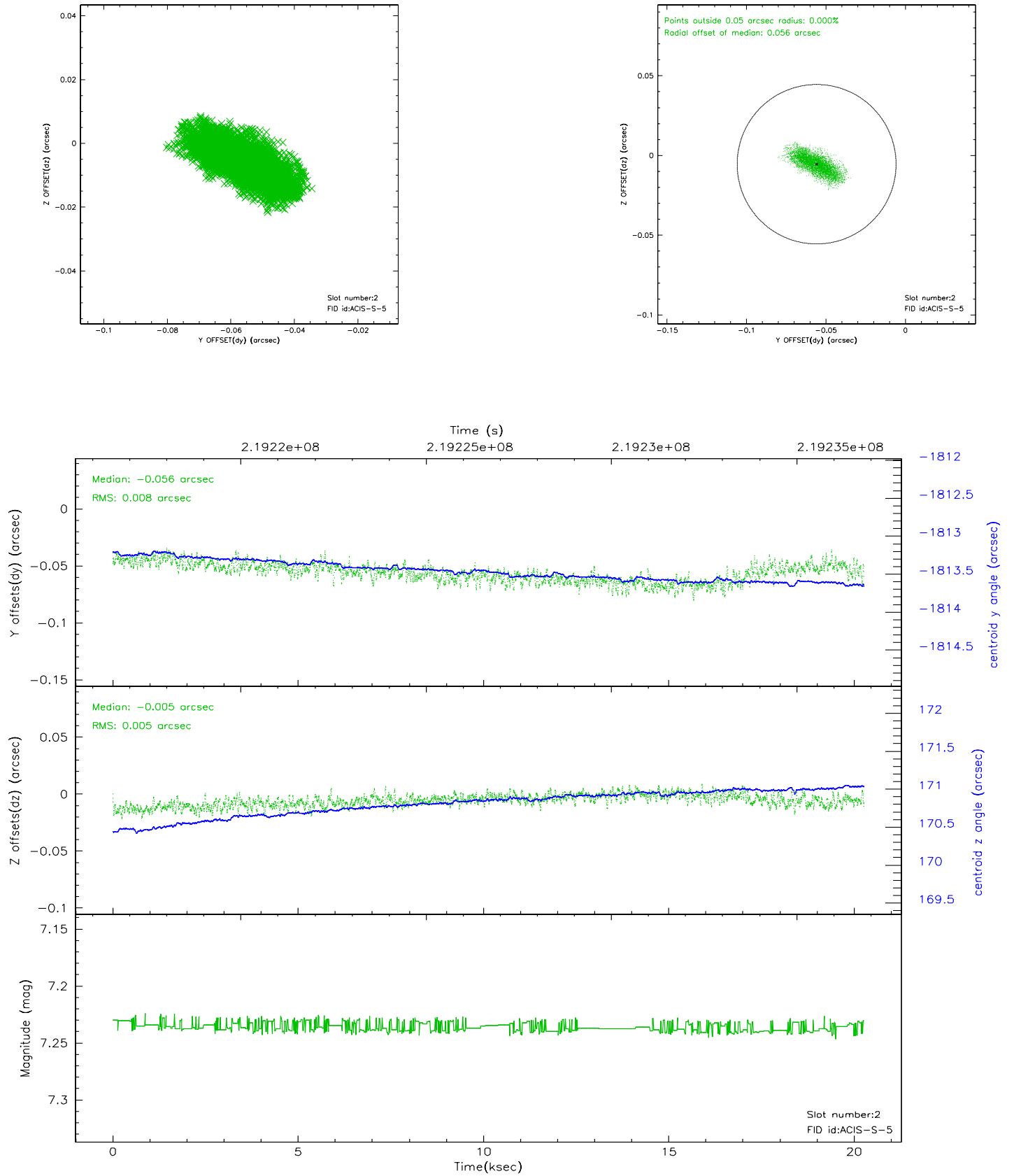
2.5.1 Slot 0



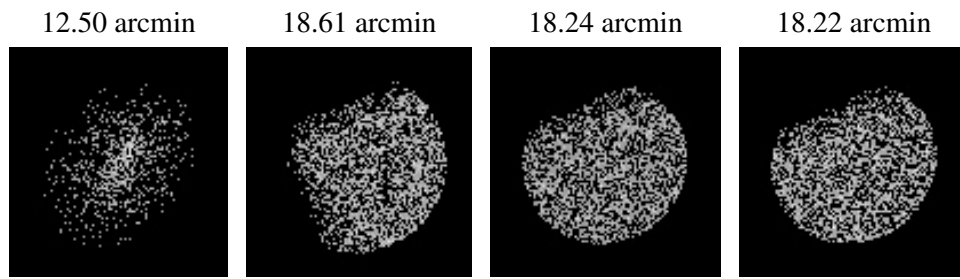
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.03529

A.2 Comments