

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4556 - L2 Version 001
Chandra X-Ray Center

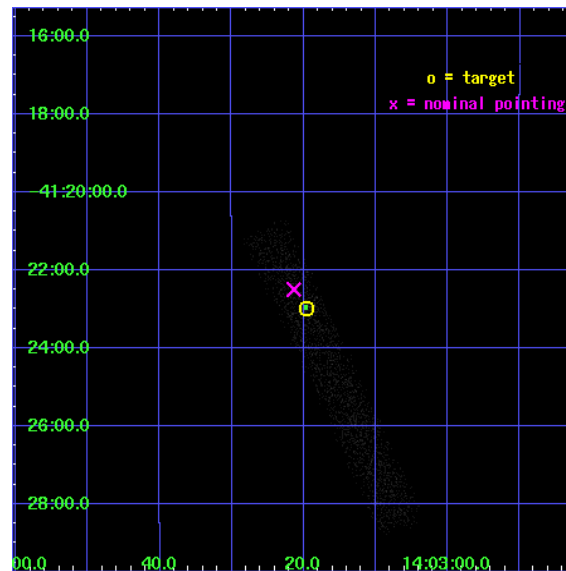
L2 Processing Date : Jun 4 2006

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1 Front

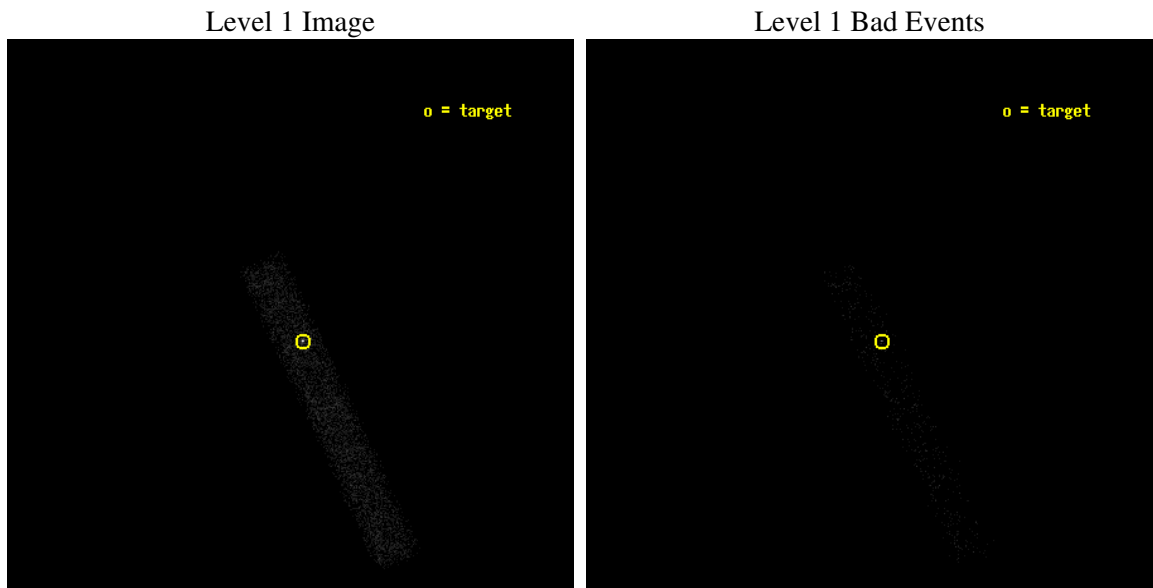
seq_num	400339
obs_id	4556
title	Monitoring the ultraluminous x-ray source in NGC 5408
observer	Prof. Philip Kaaret
object	NGC 5408 ULX
dtcycle	0
cycle	P
ra_targ	210.831667
dec_targ	-41.382972
ra_nom	210.83903463018
dec_nom	-41.375131465771
roll_nom	64.74016222922
revision	2
ontime	4904.8000730872
livetime	4448.3947697145
ontime7	4904.8000730872
l2events	3994



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T16:17:26
revision	2

sched_exp_time	4728.000000
ontime	6242.8467829525
ontime7	6242.8467829525
l1events	8976

2.1.4 Events

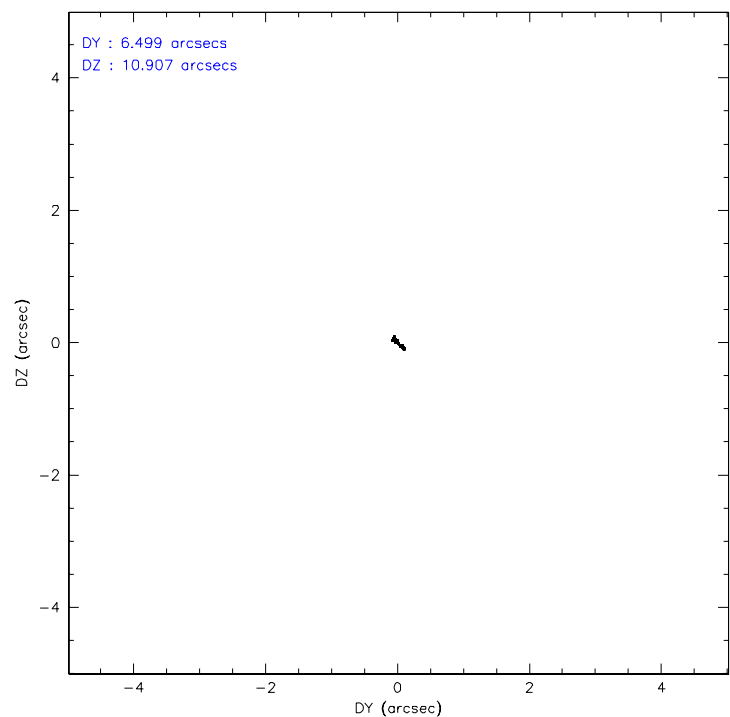
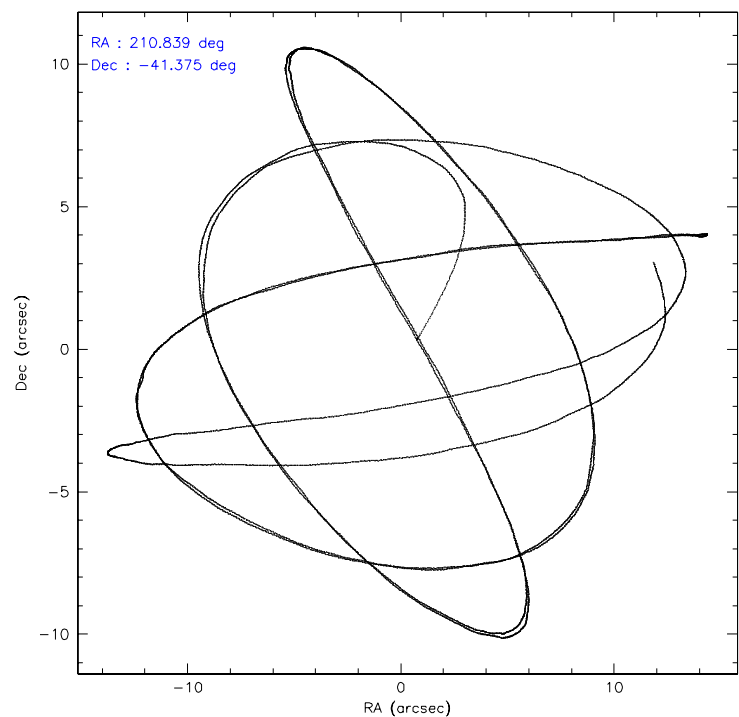
	ccd 7
level 1 events	8976
rejected events	4876
rejected %	54%

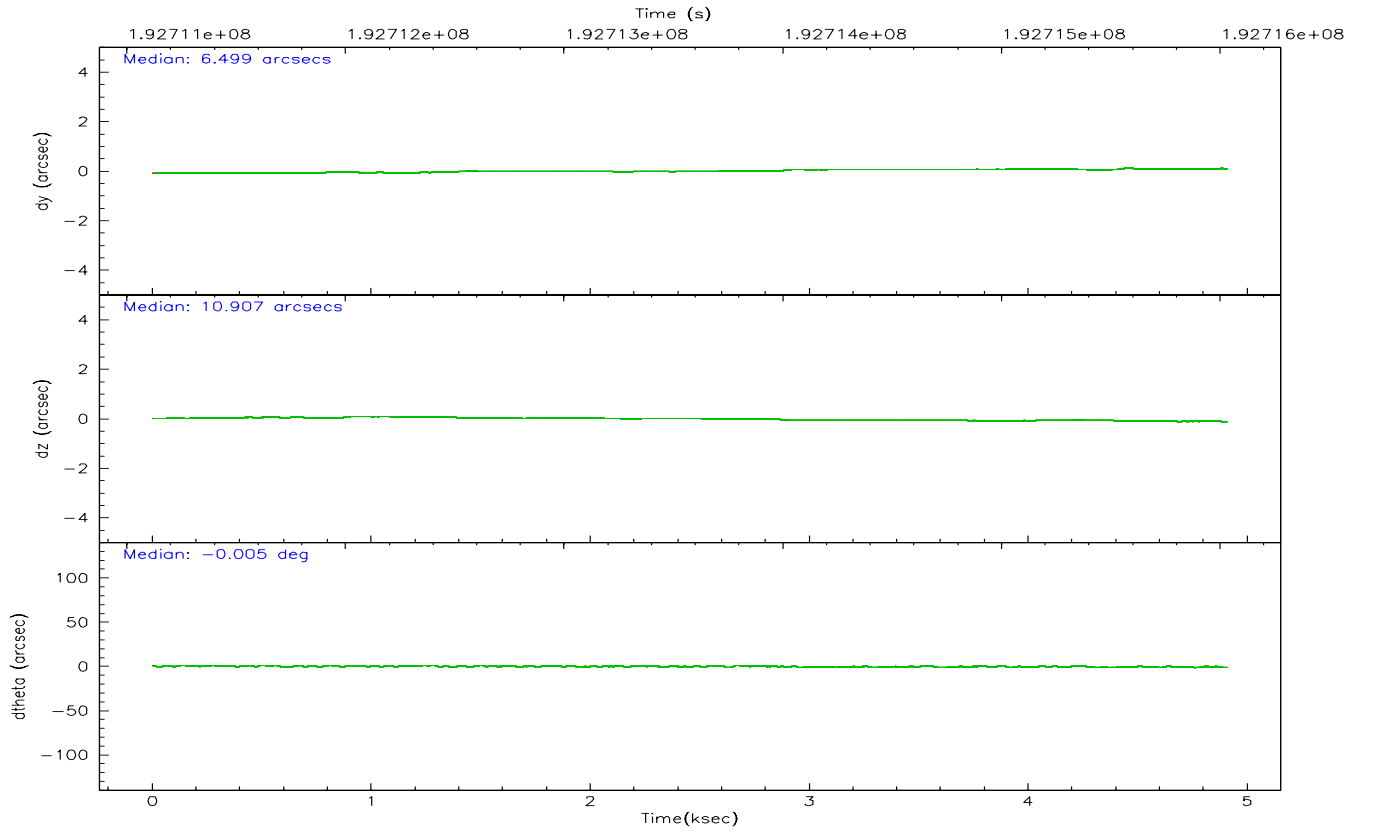
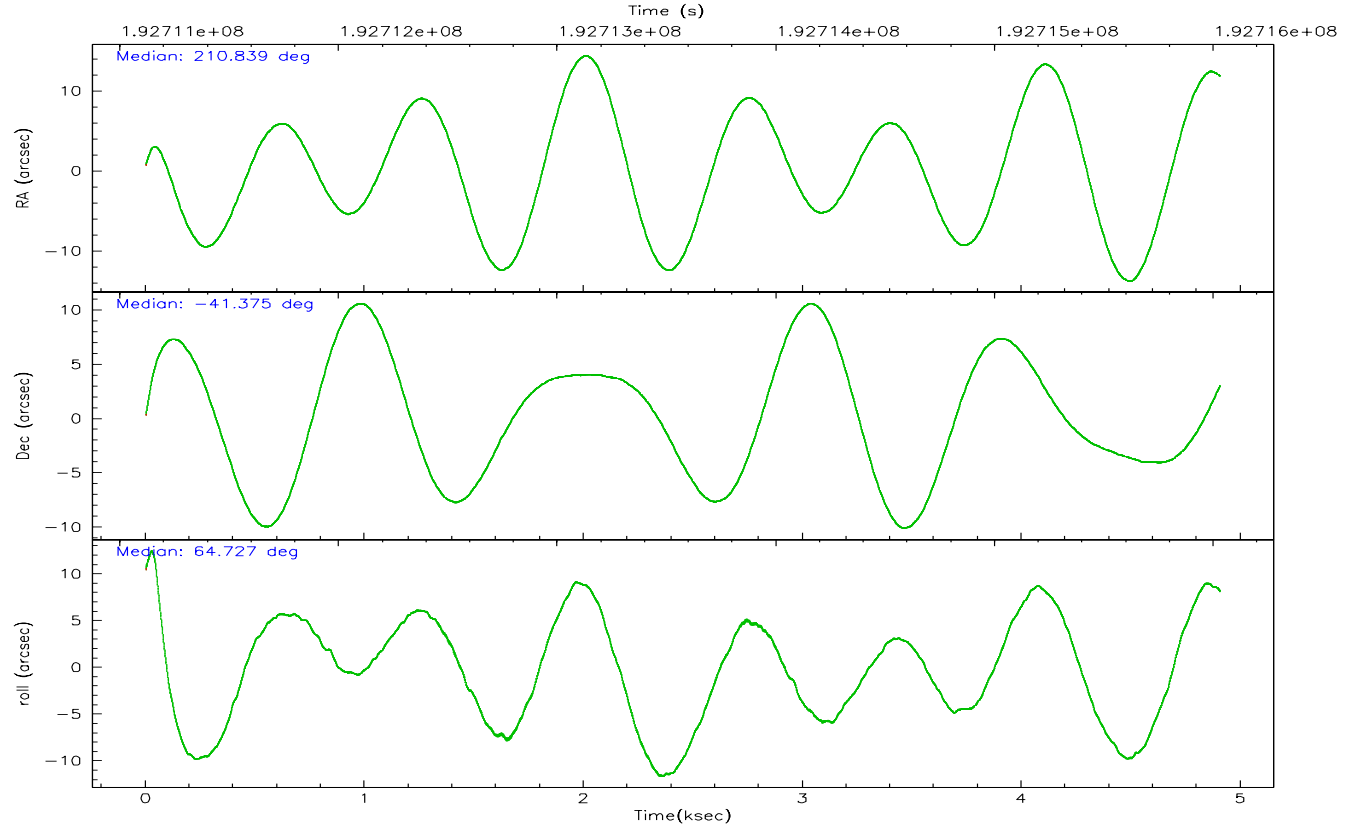
	ccd 7
grade 0 events	802
	8%
grade 1 events	11
	0%
grade 2 events	1126
	12%
grade 3 events	526
	5%
grade 4 events	463
	5%
grade 5 events	575
	6%
grade 6 events	1862
	20%
grade 7 events	3611
	40%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	210.842620	210.8390346301824	Subarray start row	0	449
Pointing Dec	-41.402189	-41.37513146577054	Subarray row count	1024	128
Pointing Roll	64.585882	64.74016222922047	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	192711302.184000	192709787.84658			
Observation start date	2004-02-09T10:53:58	2004-02-09T10:29:47			
Observation end time	192716030.184000	192716810.63438			
Observation end date	2004-02-09T12:12:46	2004-02-09T12:26:50			
Read mode	TIMED	TIMED			

2.3 Aspect



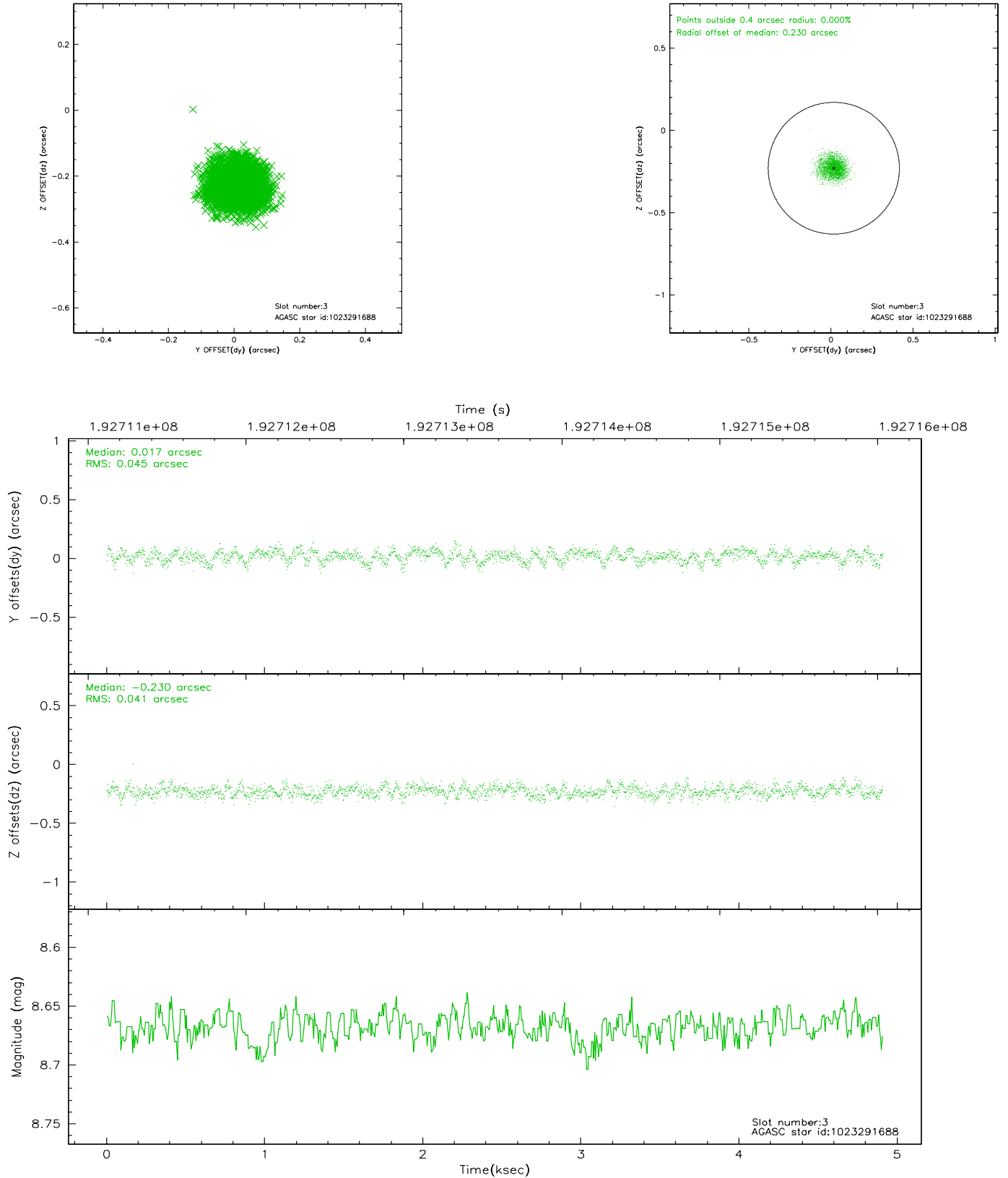


Slot Statistics

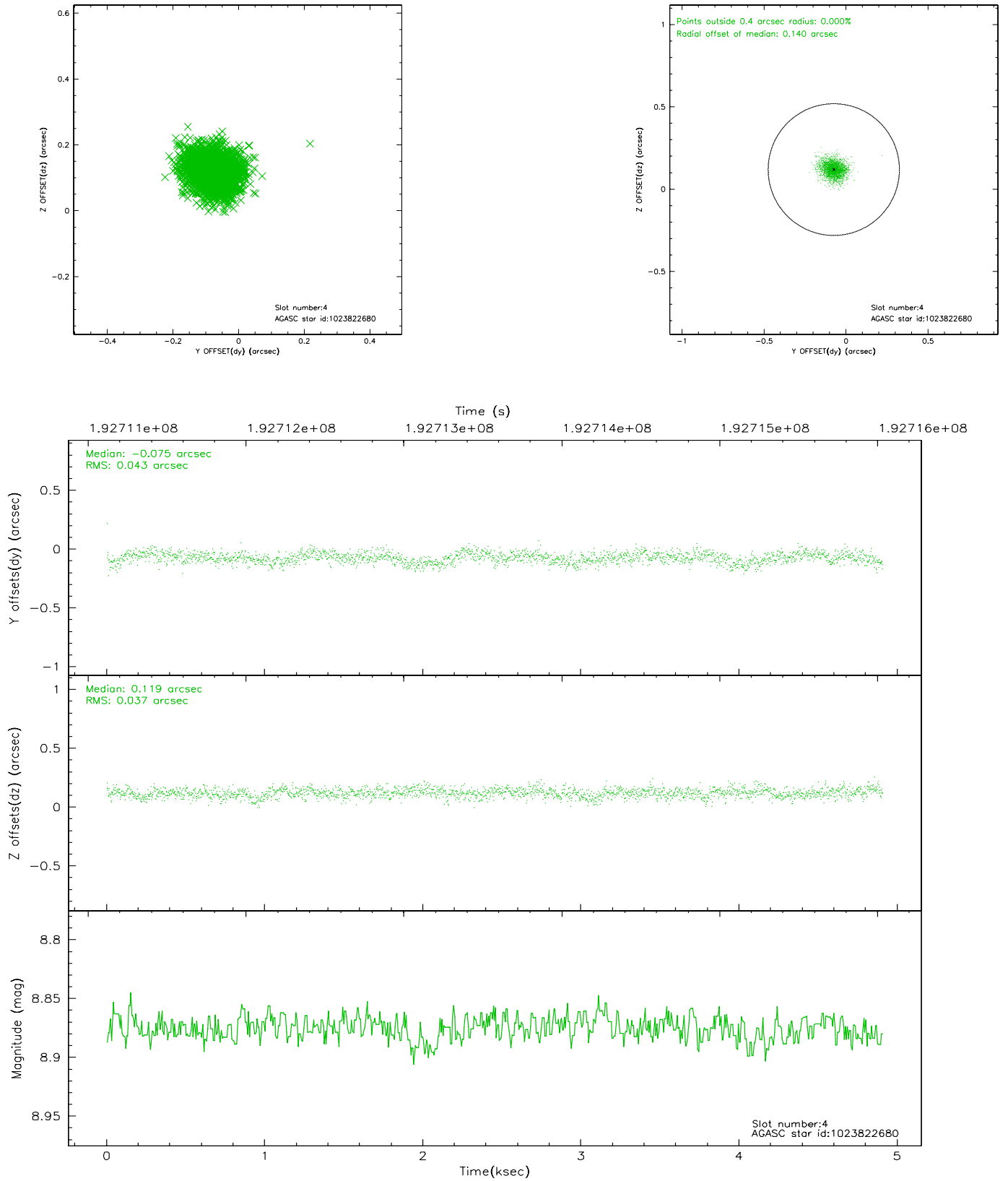
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1197	-0.041	0.012	0.006	0.009	0.000000	0.000000	-759.26	-1732.17
1	FID	ACIS-S-4	7.20	1197	0.031	0.017	0.005	0.010	0.000000	0.000000	2153.49	175.08
2	FID	ACIS-S-5	7.23	1197	-0.021	-0.020	0.006	0.010	0.000000	0.000000	-1810.52	170.07
3	GUIDE	1023291688	8.67	2394	0.017	-0.230	0.065	0.103	210.168569	-41.185177	-84.47	1981.34
4	GUIDE	1023822680	8.88	2394	-0.075	0.119	0.060	0.099	211.176618	-41.286245	763.52	-636.56
5	GUIDE	1023824840	9.44	2392	0.062	0.034	0.101	0.158	210.682919	-41.618703	-888.06	52.99
6	GUIDE	1023829016	6.60	2393	-0.011	0.217	0.076	0.127	210.864452	-41.423345	-43.52	-85.71
7	GUIDE	1023292600	9.40	2391	0.007	-0.144	0.106	0.161	210.176441	-41.207792	-148.45	1926.68

2.4 Star Slots

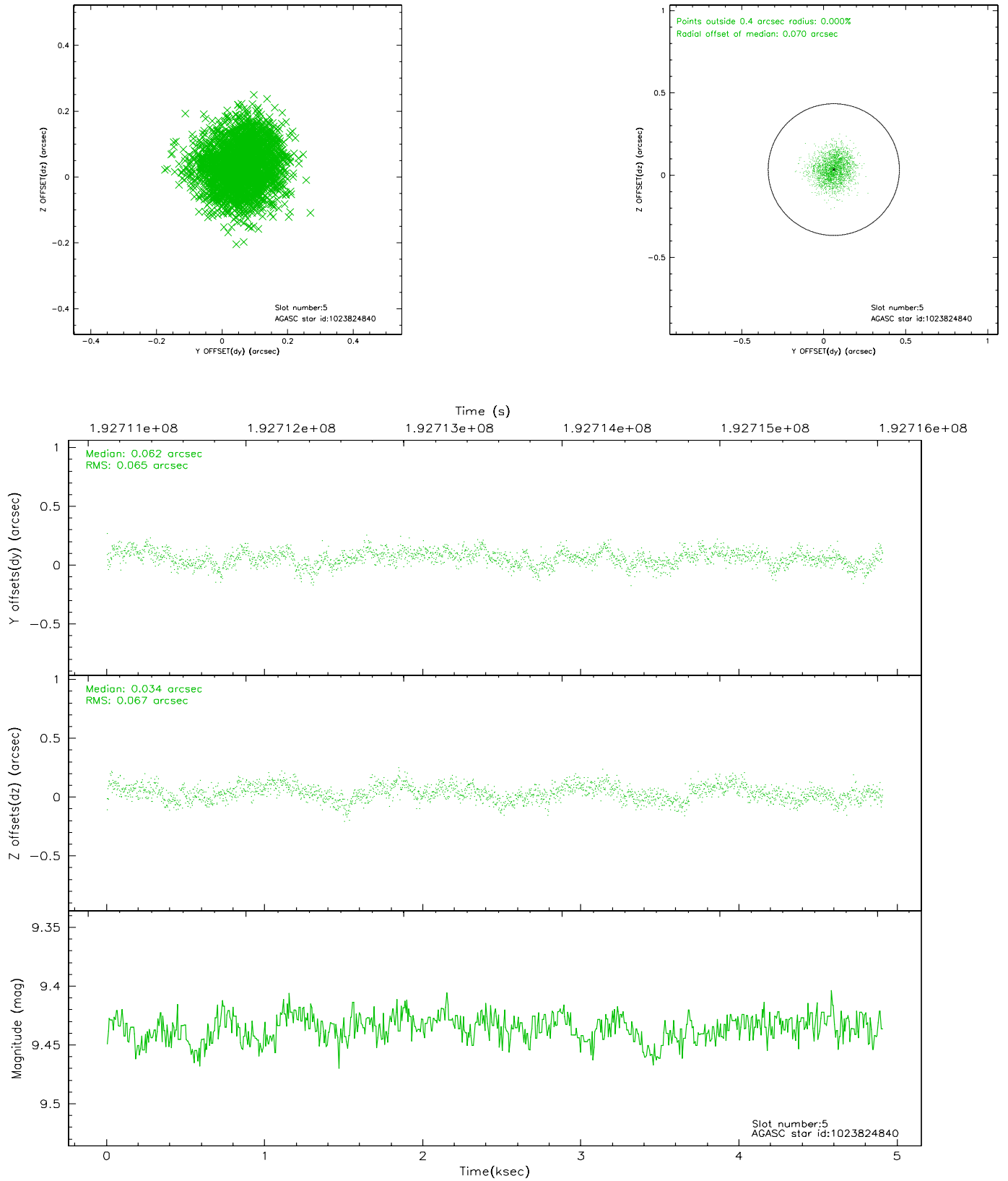
2.4.1 Slot 3



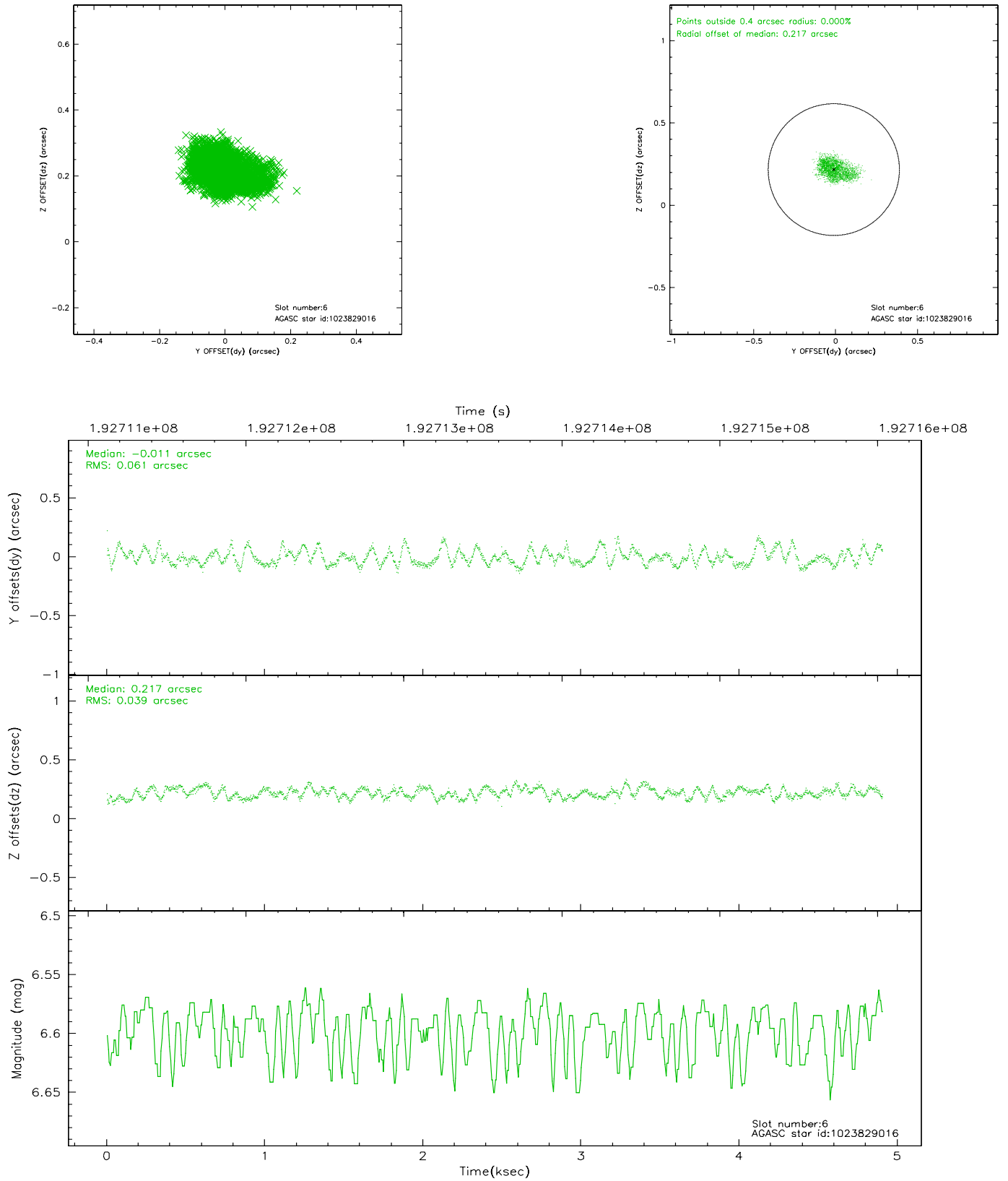
2.4.2 Slot 4



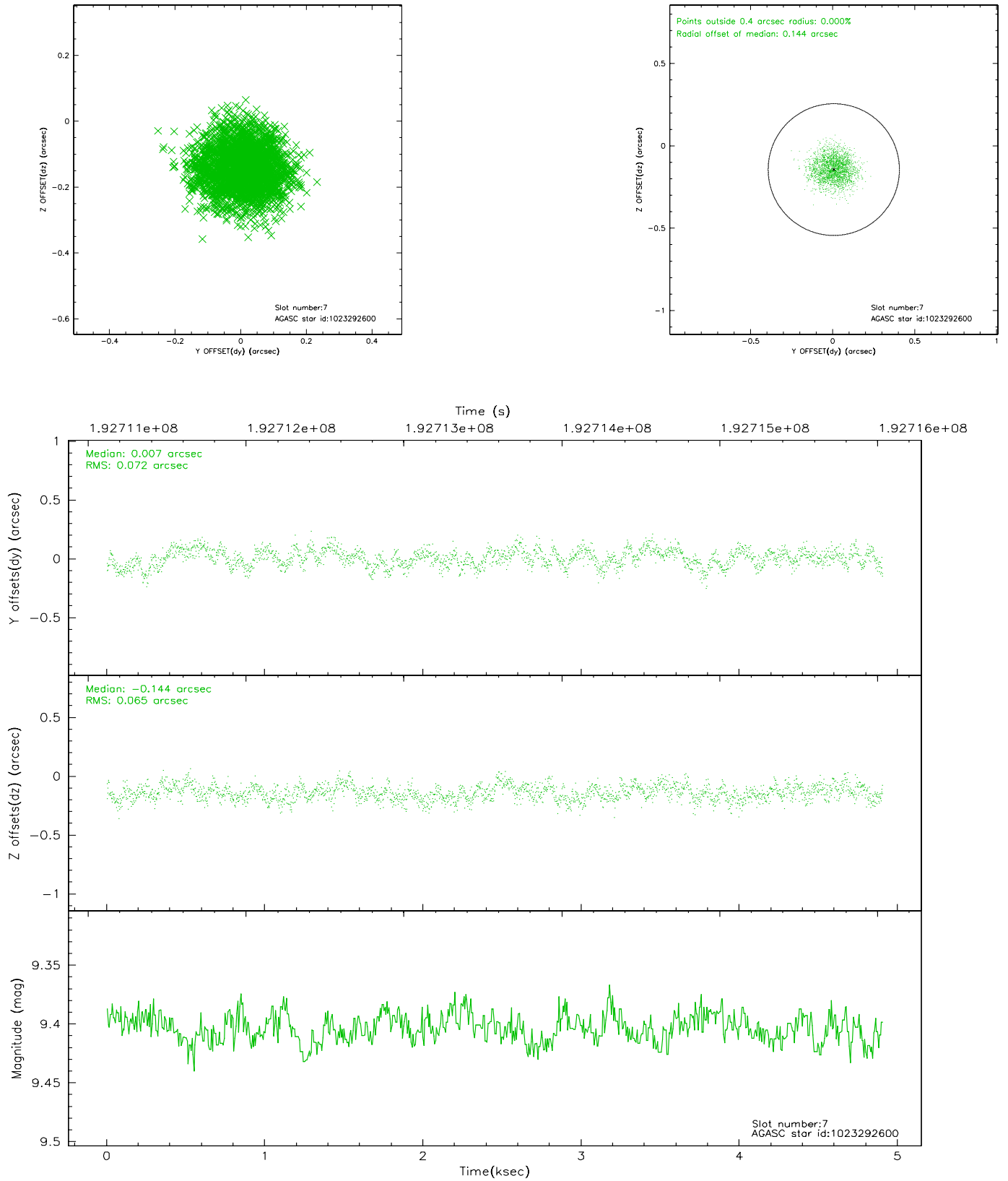
2.4.3 Slot 5



2.4.4 Slot 6

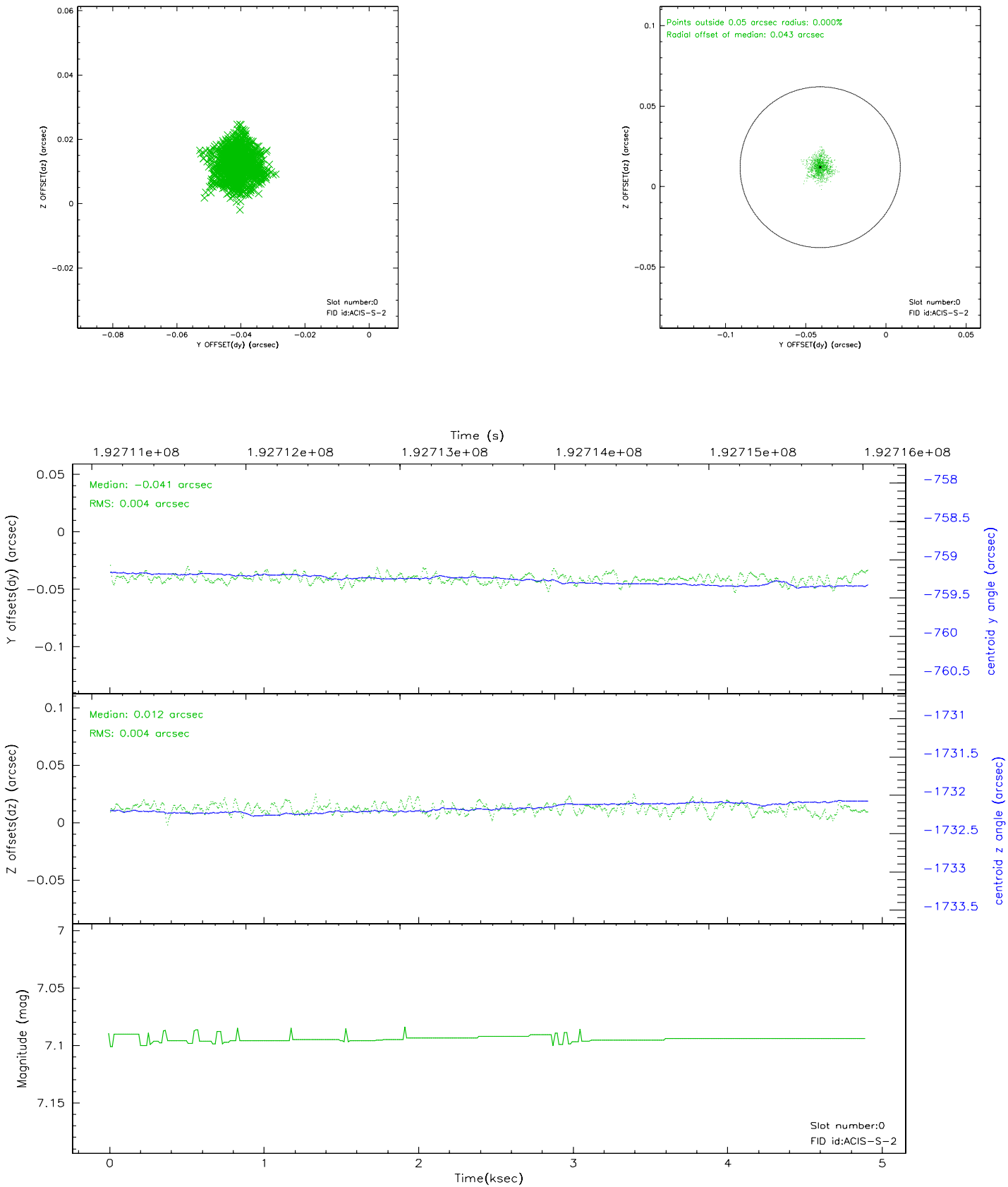


2.4.5 Slot 7

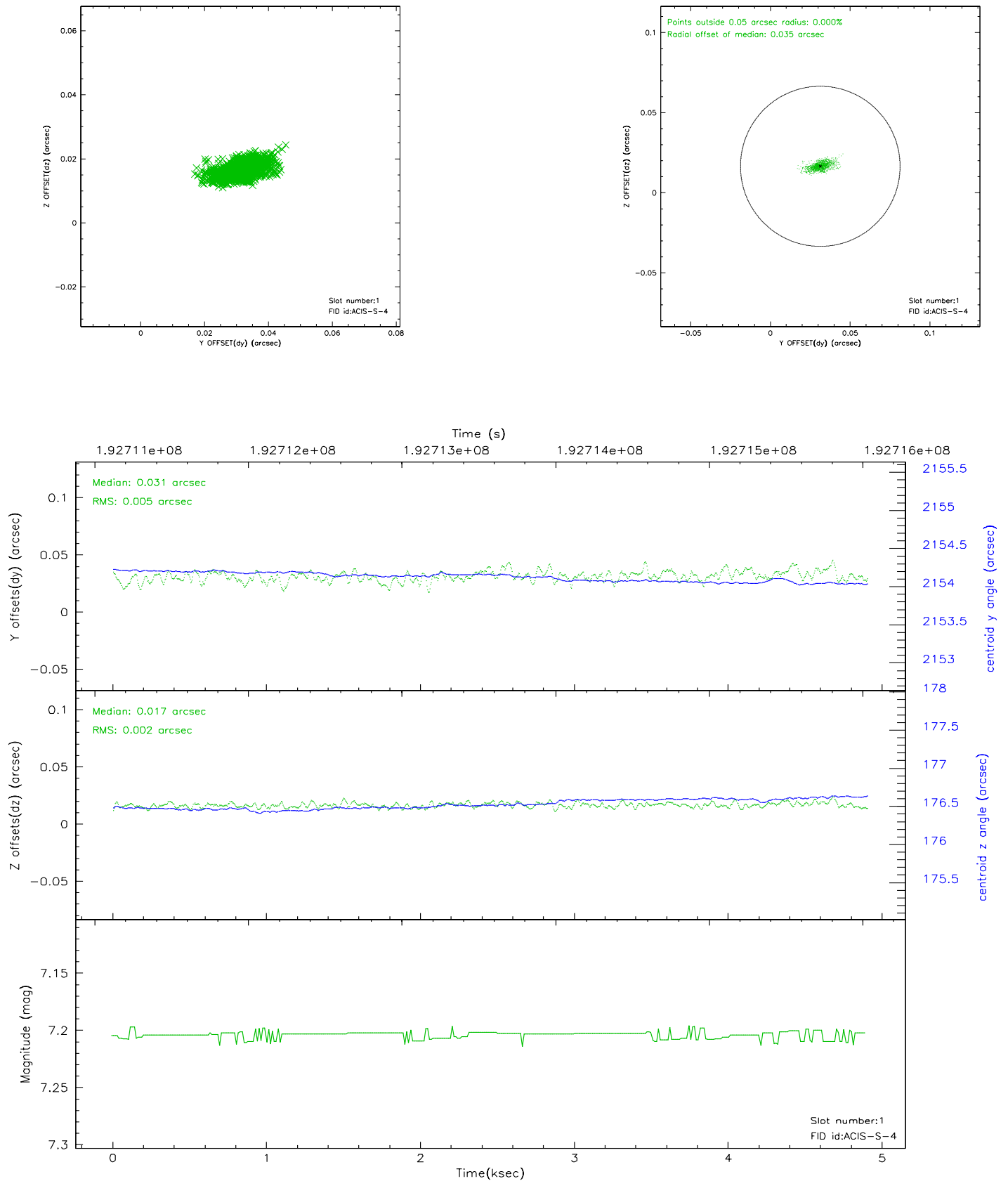


2.5 FID Slots

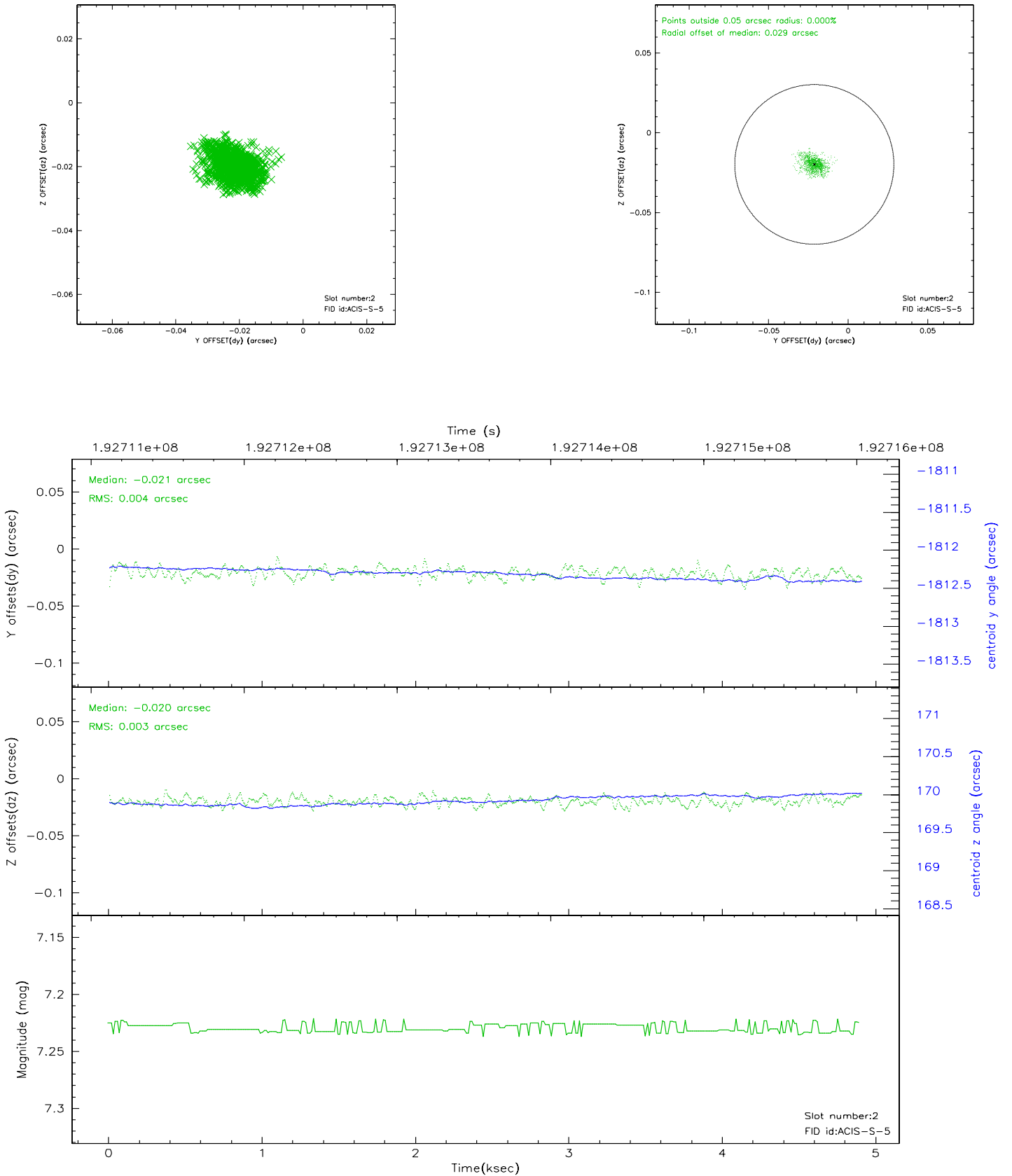
2.5.1 Slot 0



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)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.904

A.2 Comments

Monitor constraint met.