

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3798 - L2 Version 002
Chandra X-Ray Center

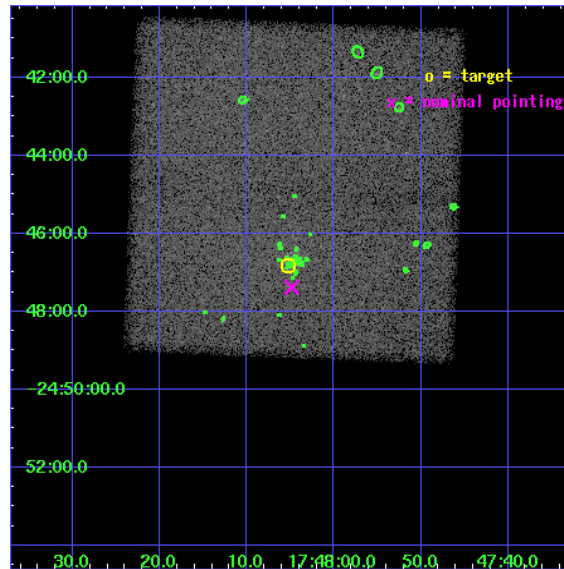
L2 Processing Date : Aug 31 2006

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1 Front

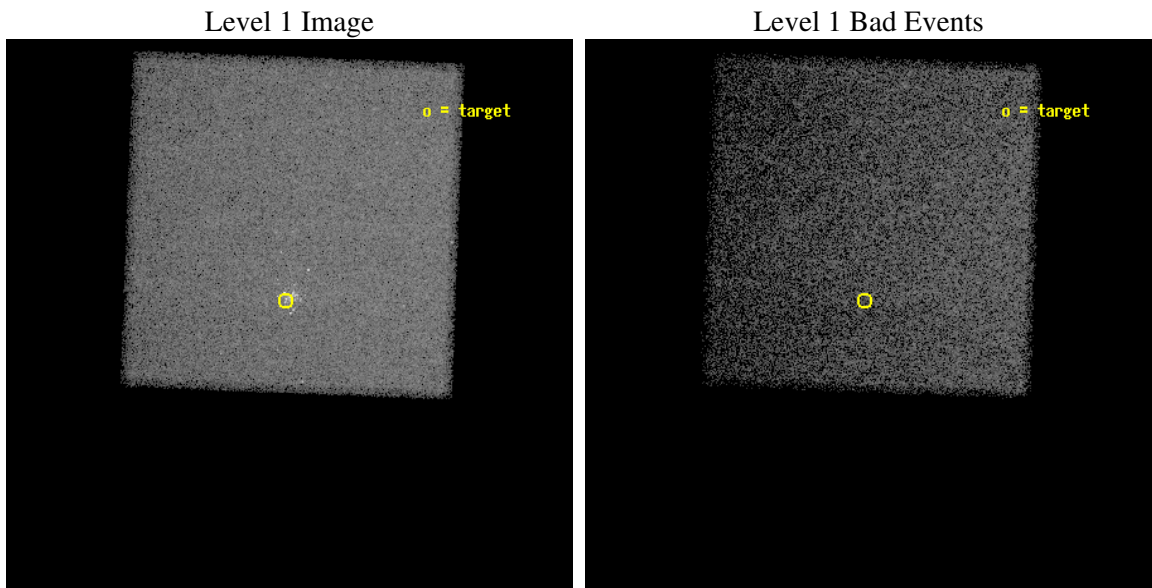
seq_num	400285
obs_id	3798
title	X-RAY QUIESCENT COUNTERPARTS OF THE GLOBULAR CLUSTER TRANSIENTS
observer	Dr. Rudy Wijnands
object	TERZAN 5
dtcycle	0
cycle	P
ra_targ	267.021667
dec_targ	-24.780278
ra_nom	267.02019243858
dec_nom	-24.789838624334
roll_nom	272.18564958007
revision	4
ontime	39882.0
livetime	39343.777128877
ontime7	39882.0
l2events	169702



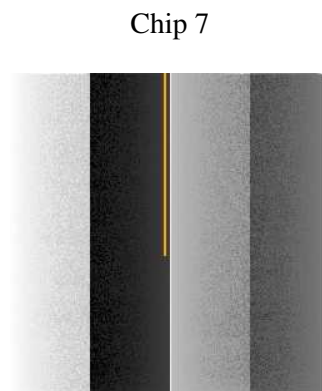
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-31T17:58:57
revision	4

sched_exp_time	39556.496000
ontime	40059.211675525
ontime7	40059.211675525
l1events	379688

2.1.4 Events

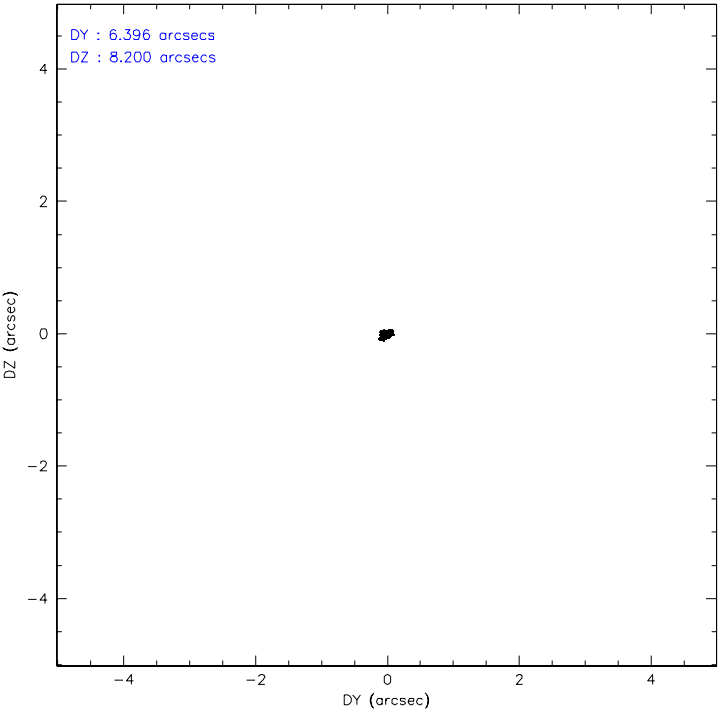
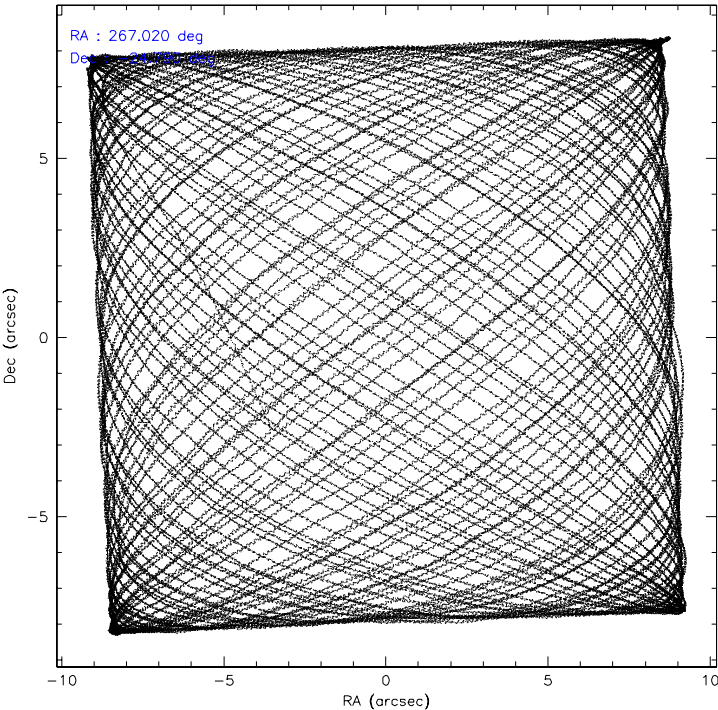
	ccd 7
level 1 events	379688
rejected events	206276
rejected %	54%

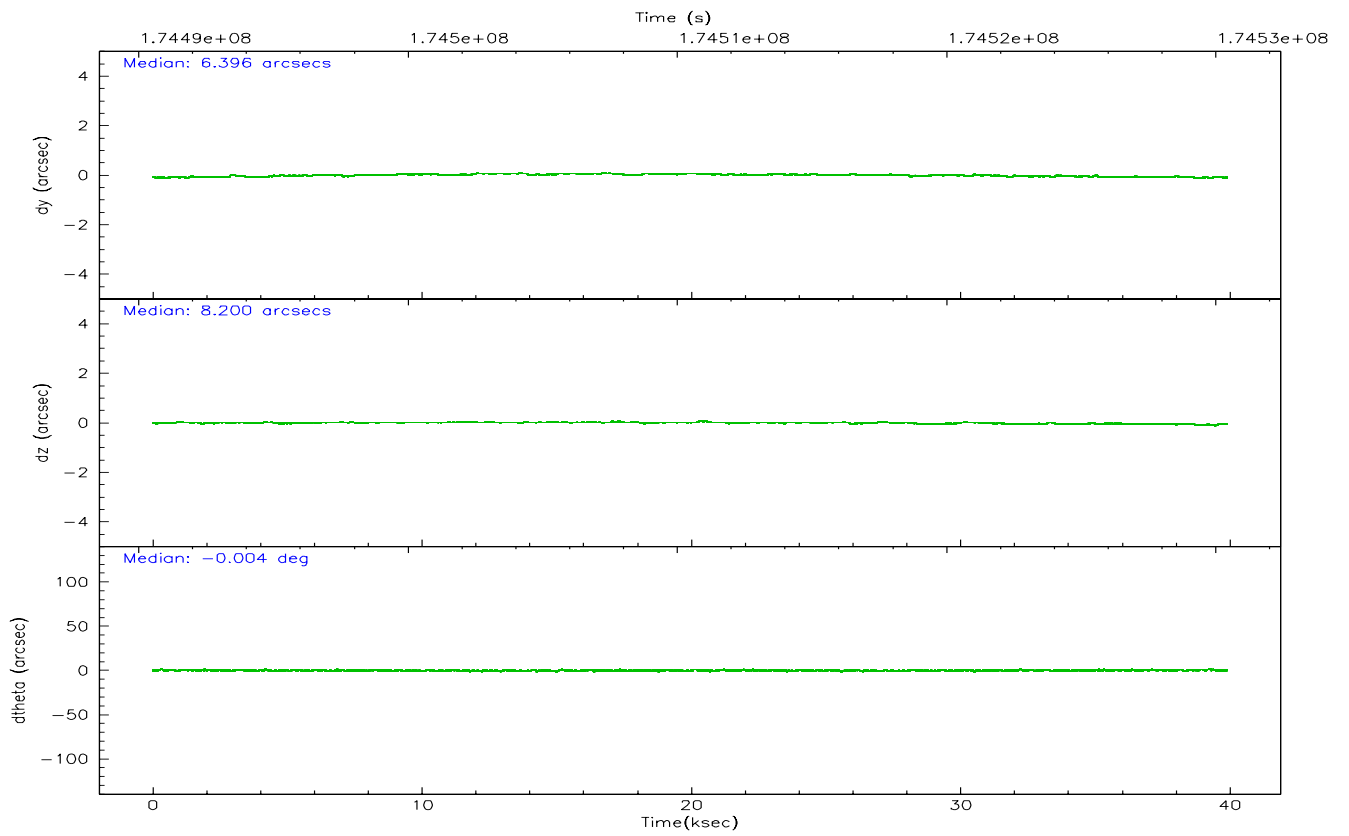
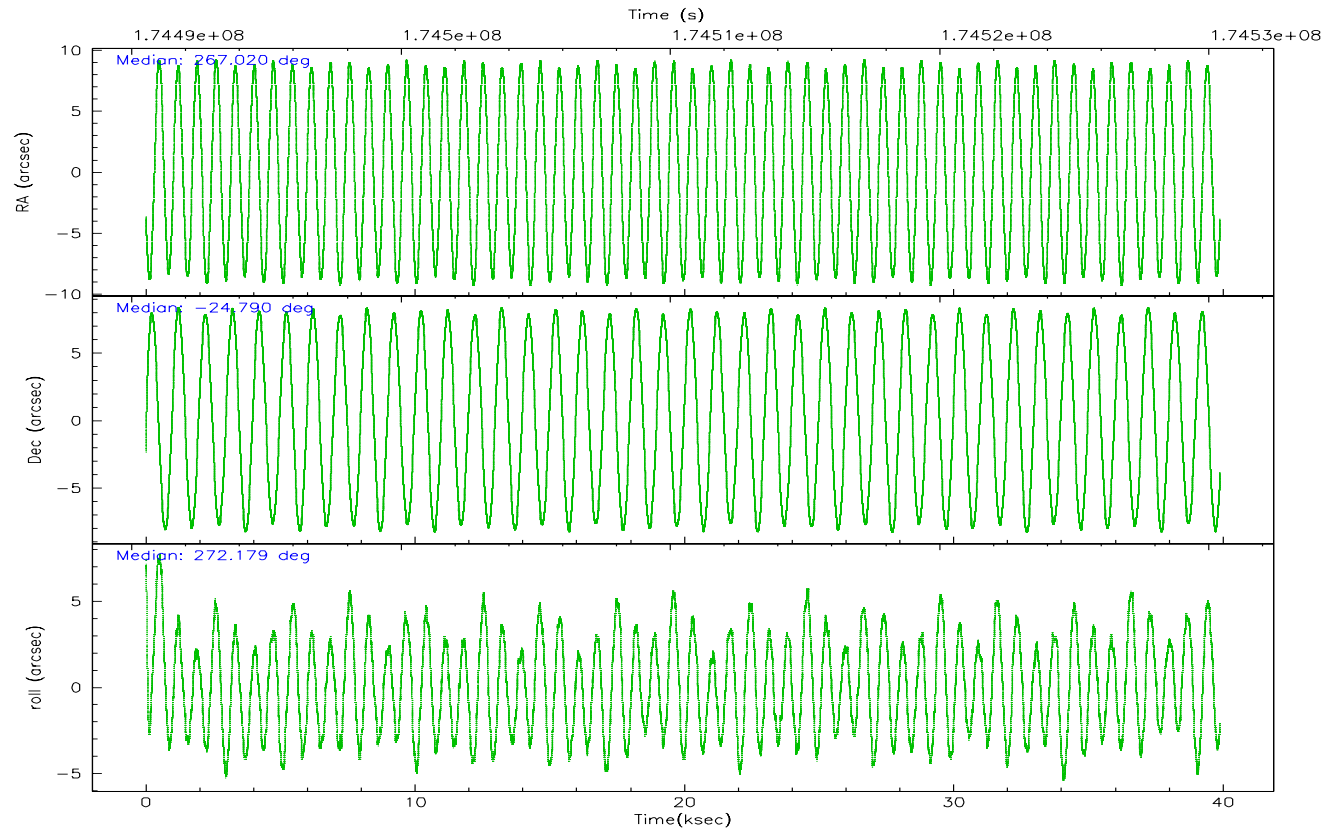
	ccd 7
grade 0 events	12662
	3%
grade 1 events	178
	0%
grade 2 events	40391
	10%
grade 3 events	9382
	2%
grade 4 events	9064
	2%
grade 5 events	20914
	5%
grade 6 events	102508
	26%
grade 7 events	184589
	48%

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	NONE	NONE
Pointing RA	267.003878	267.0201924385832	Alternating exposures requested	N	N
Pointing Dec	-24.767006	-24.78983862433359	Primary exposure time	0.000000	3
Pointing Roll	272.022184	272.1856495800687			
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	174490864.184000	174490361.32309			
Observation start date	2003-07-13T13:40:00	2003-07-13T13:32:41			
Observation end time	174530421.184000	174530735.56231			
Observation end date	2003-07-14T00:39:17	2003-07-14T00:45:35			
Read mode	TIMED	TIMED			

2.3 Aspect



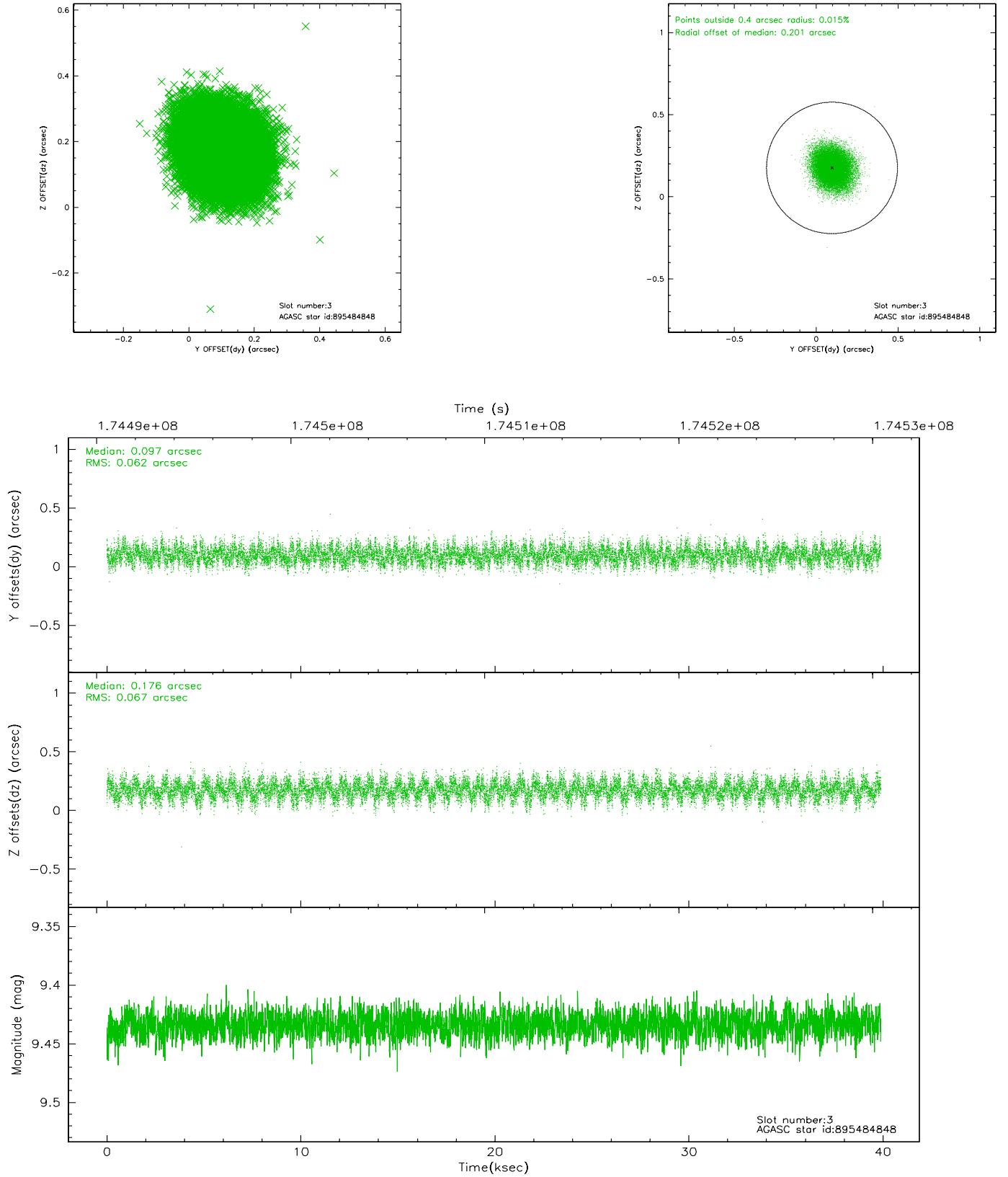


Slot Statistics

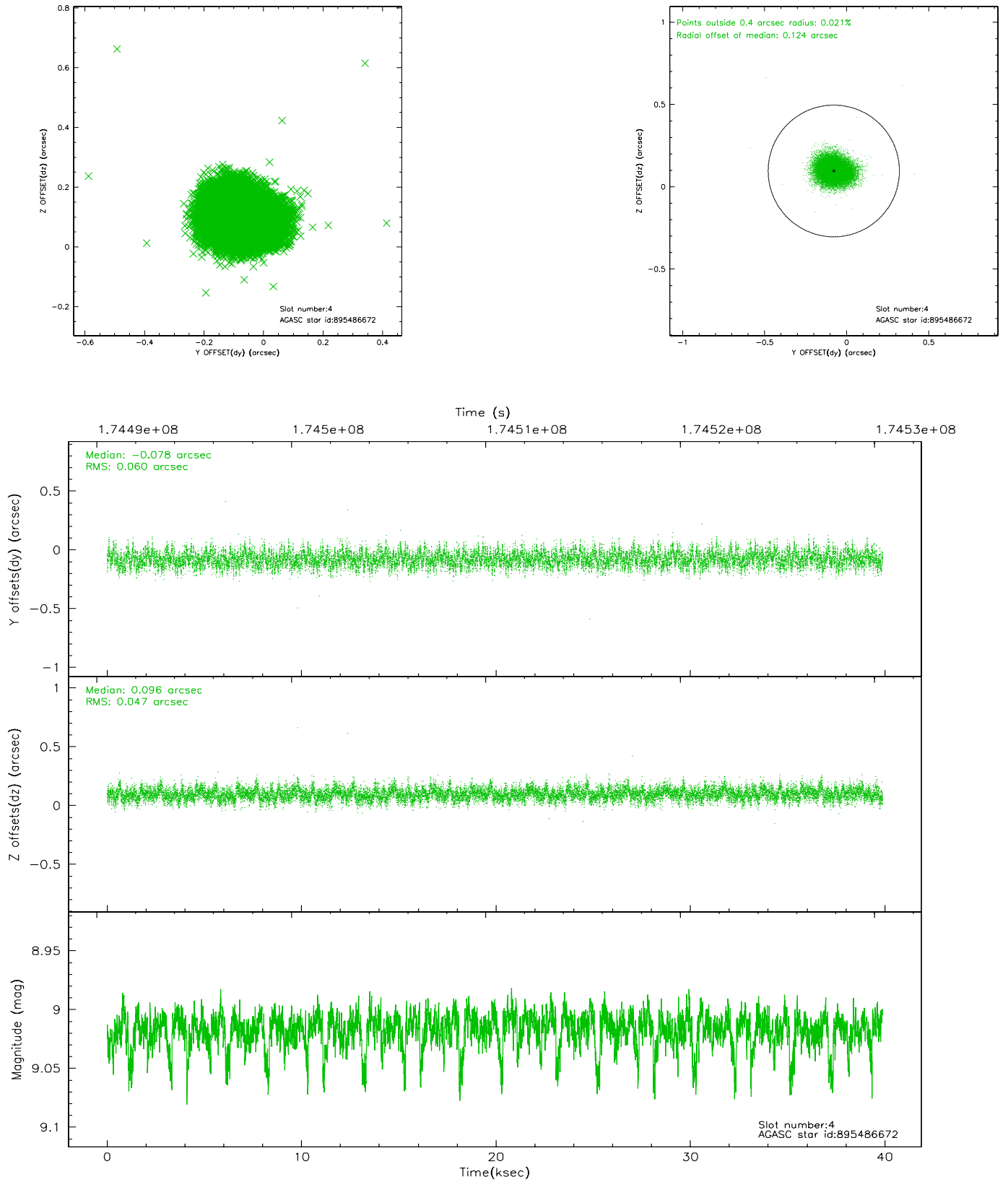
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9726	-0.031	-0.003	0.006	0.010	0.000000	0.000000	-759.16	-1729.34
1	FID	ACIS-S-4	7.20	9727	0.019	0.024	0.007	0.012	0.000000	0.000000	2154.17	179.14
2	FID	ACIS-S-6	7.35	9727	-0.016	-0.013	0.008	0.013	0.000000	0.000000	402.87	816.53
3	GUIDE	895484848	9.43	19440	0.097	0.176	0.098	0.157	267.475831	-24.713038	-136.74	1549.55
4	GUIDE	895486672	9.02	19445	-0.078	0.096	0.081	0.131	267.522168	-25.216127	1678.89	1630.33
5	GUIDE	895489248	8.82	19454	-0.075	-0.085	0.065	0.106	266.526793	-24.872603	328.22	-1570.53
6	GUIDE	895489704	8.80	19449	0.189	-0.150	0.083	0.139	266.328076	-25.361339	2067.34	-2272.62
7	GUIDE	894973544	8.04	19450	-0.129	-0.036	0.059	0.095	266.605572	-24.141151	-2295.42	-1228.62

2.4 Star Slots

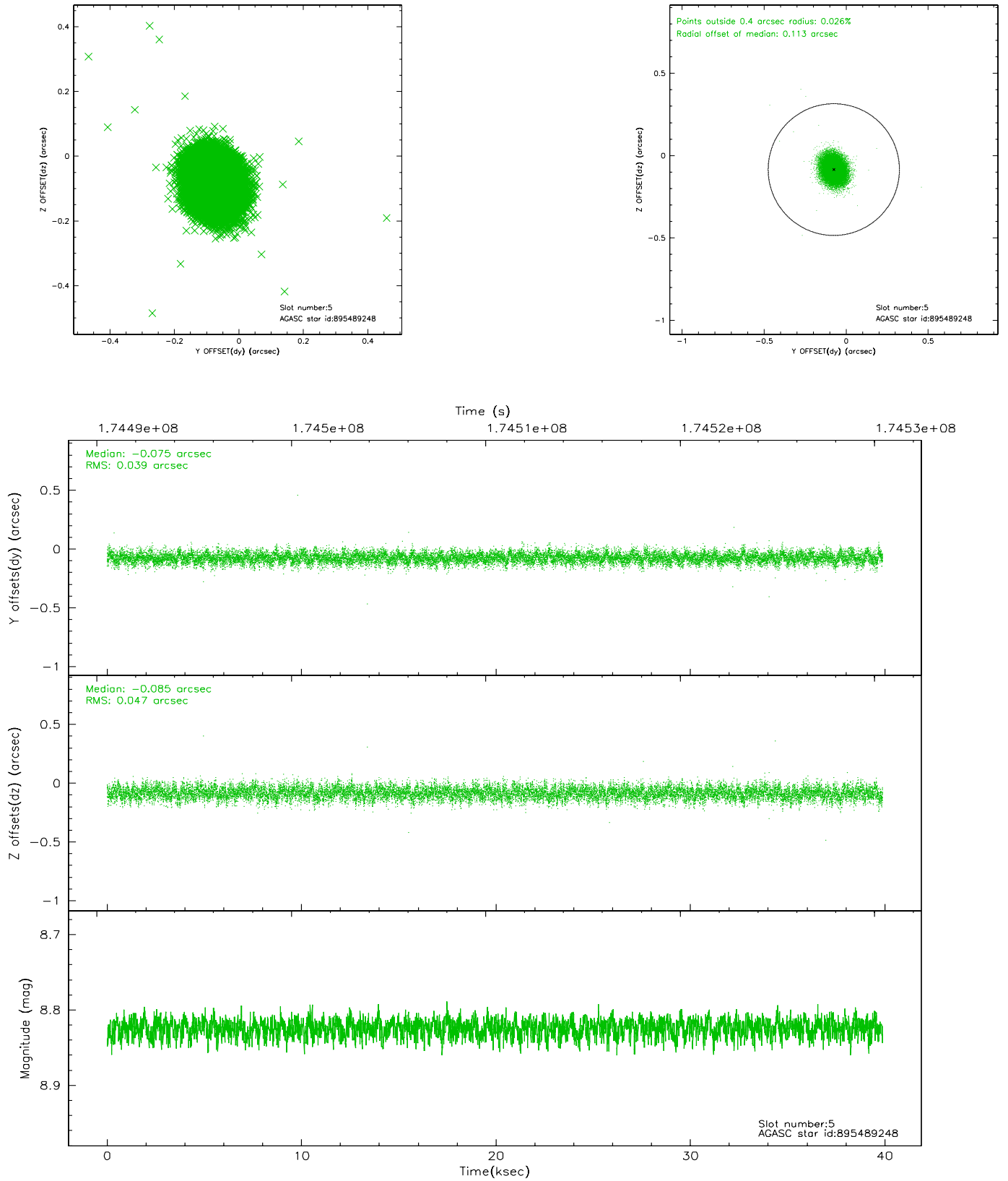
2.4.1 Slot 3



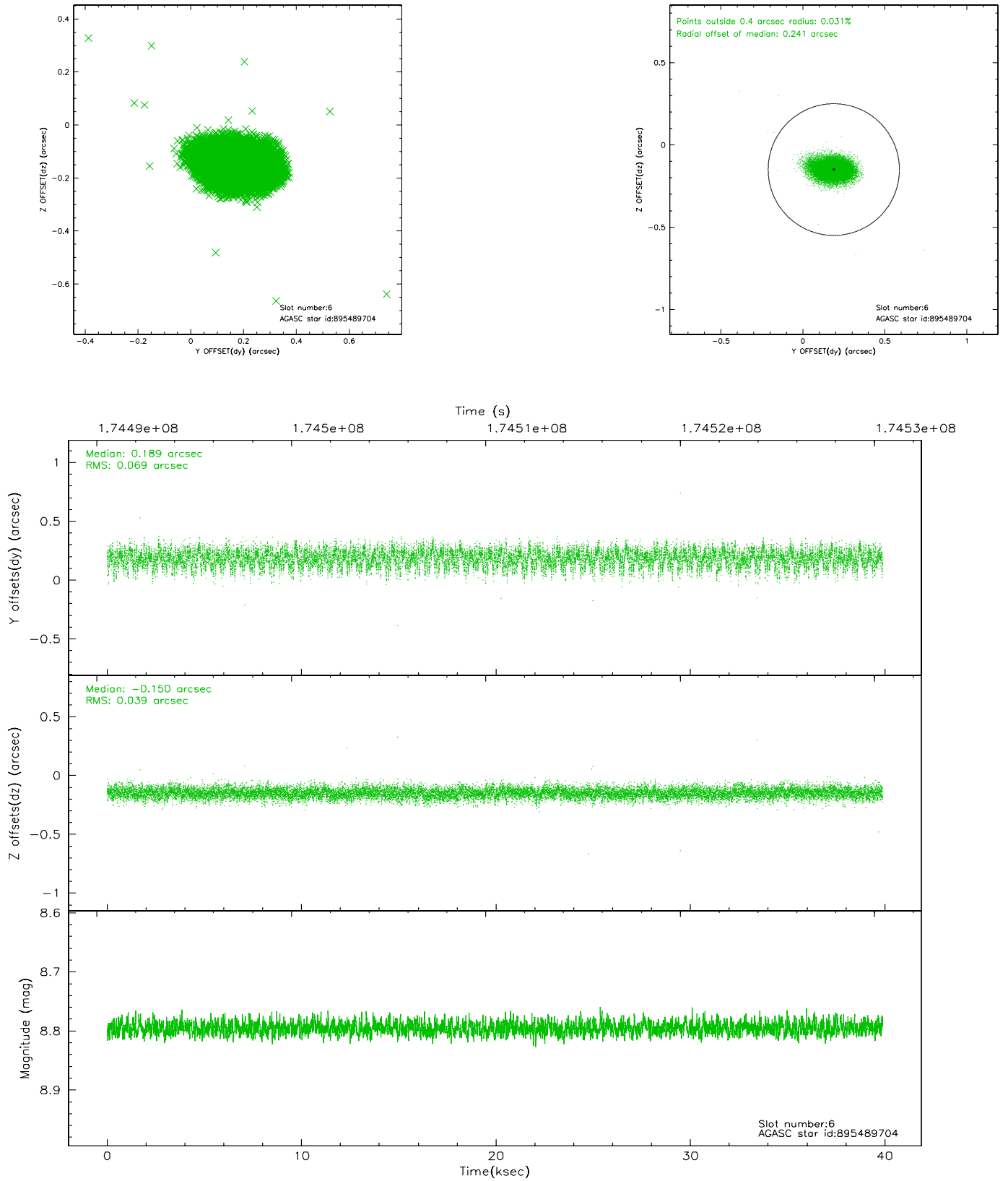
2.4.2 Slot 4



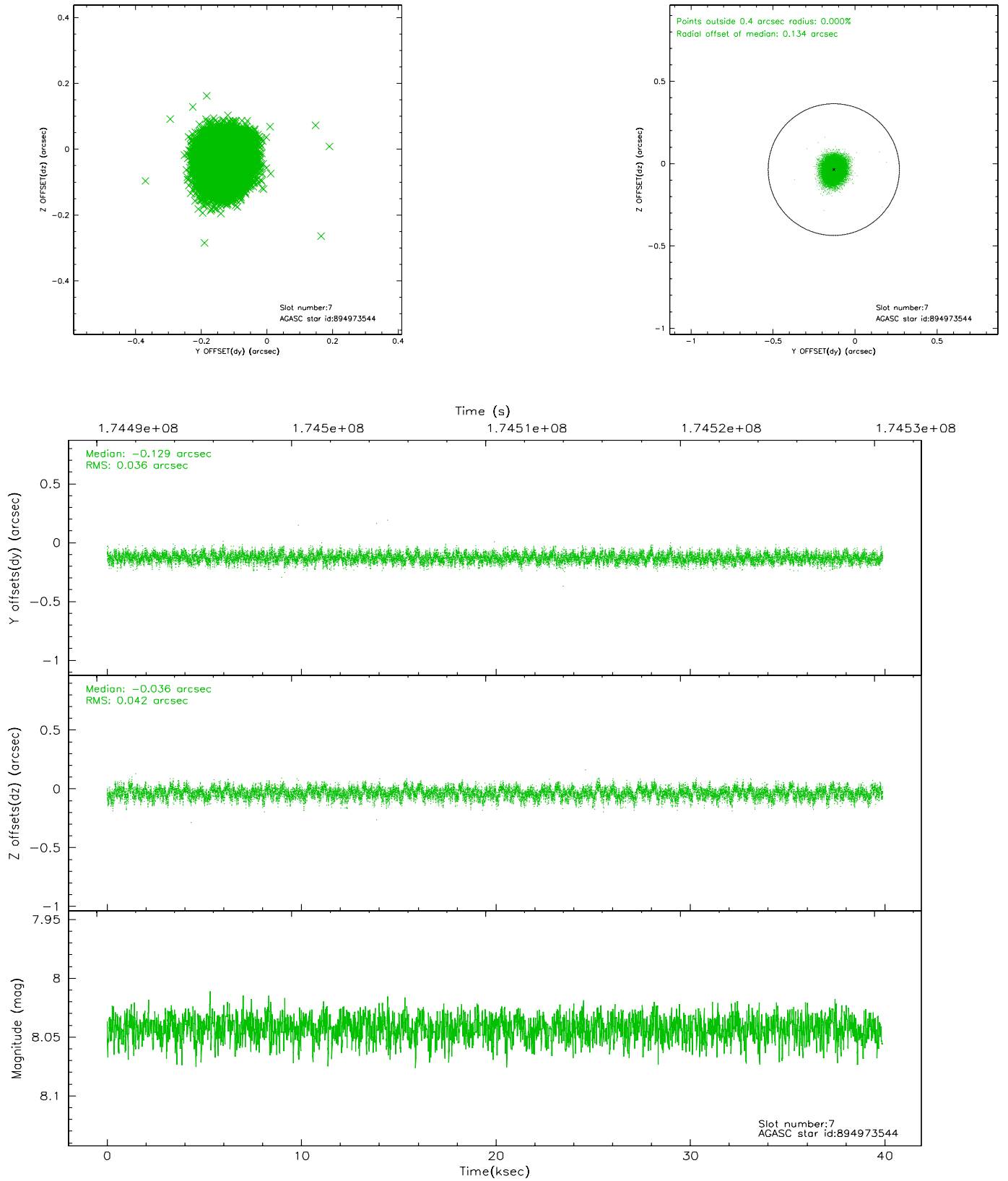
2.4.3 Slot 5



2.4.4 Slot 6

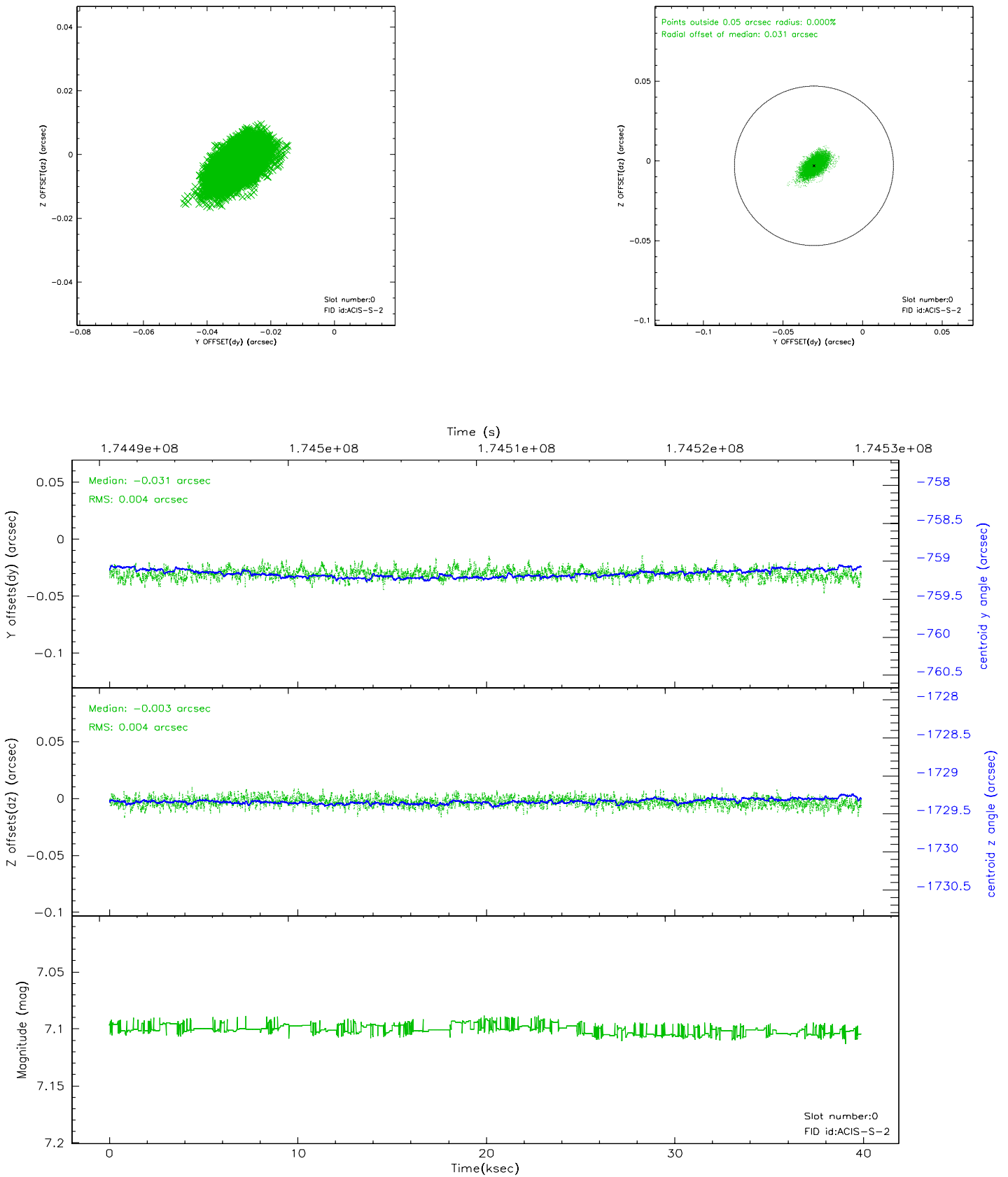


2.4.5 Slot 7

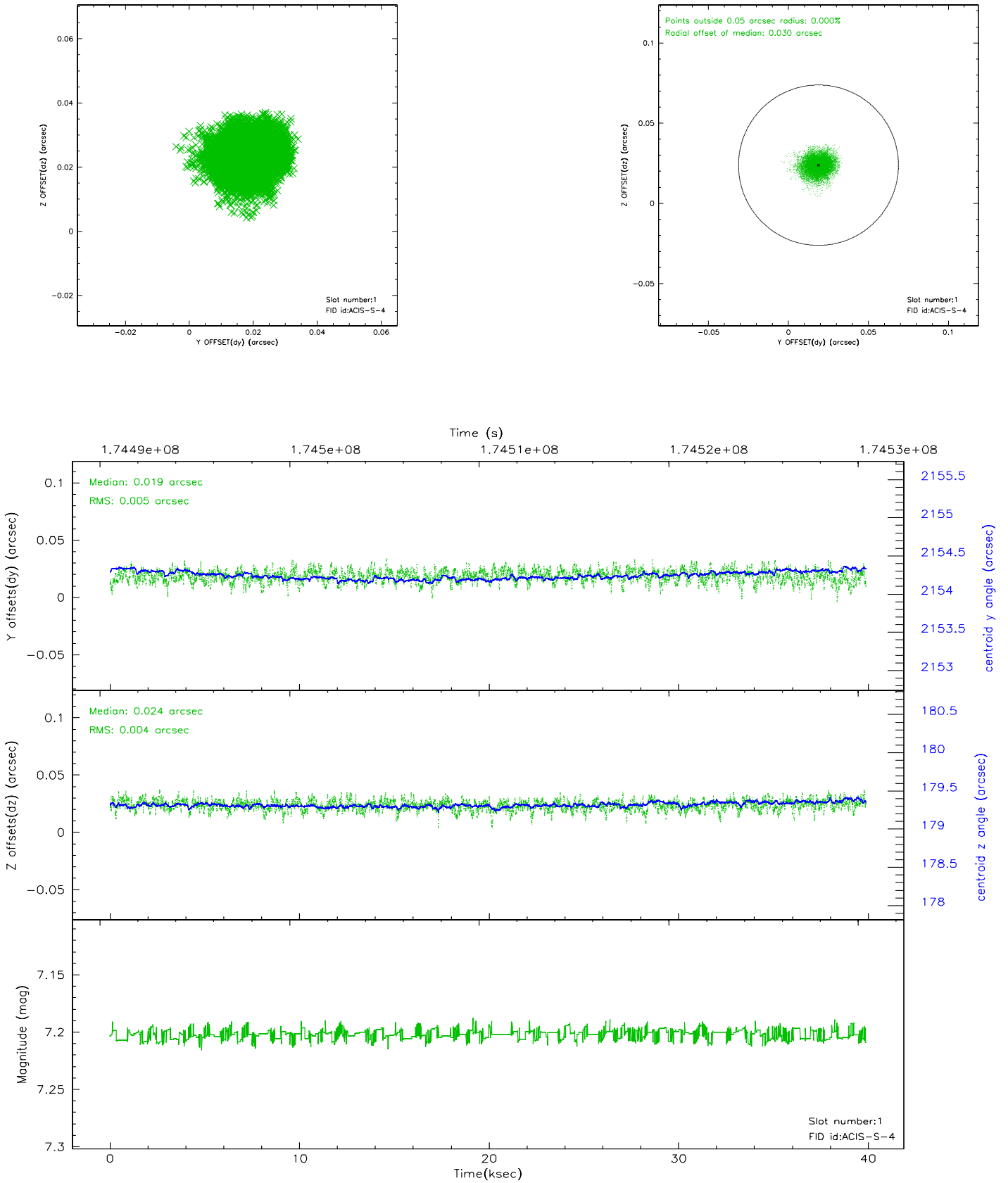


2.5 FID Slots

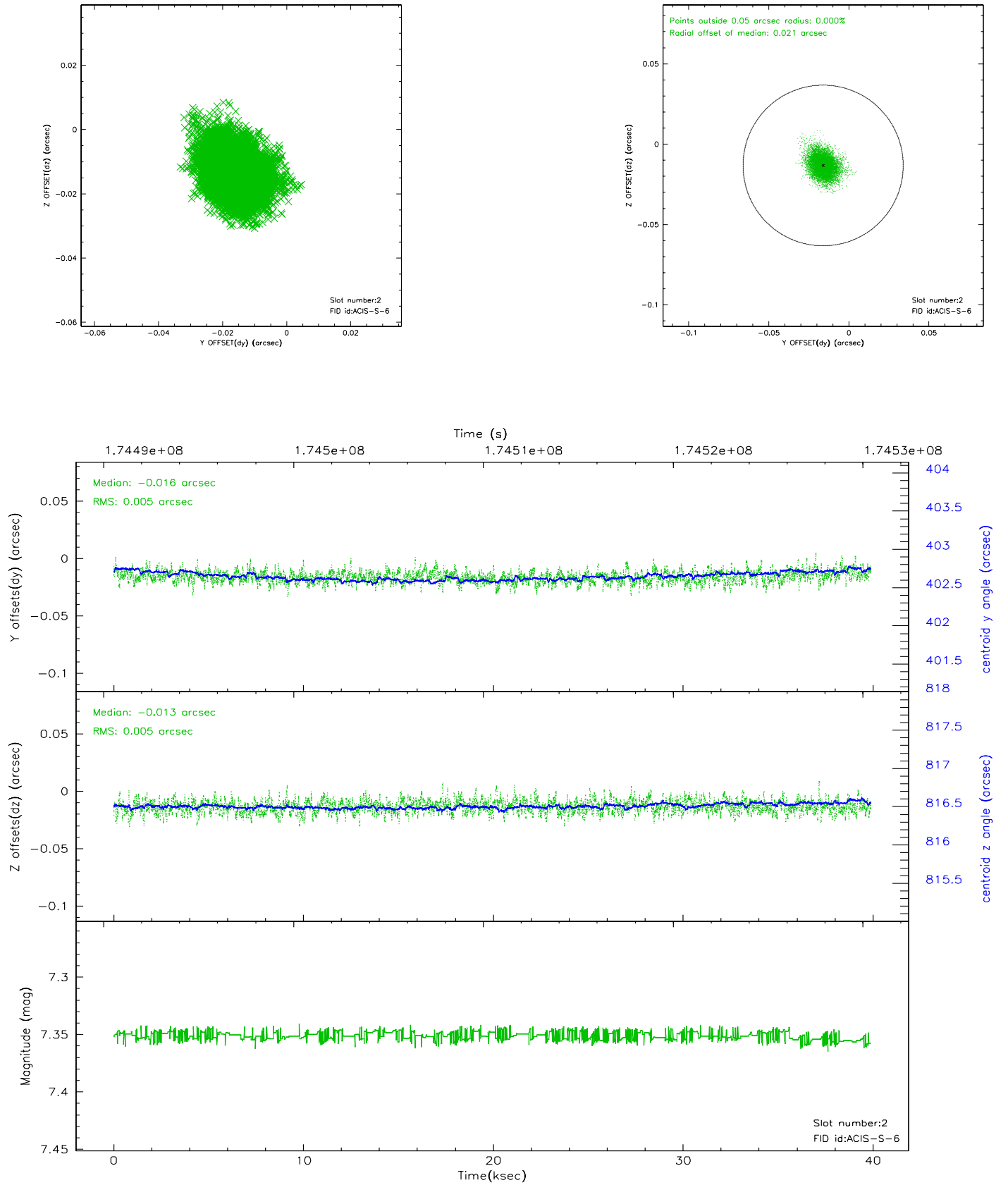
2.5.1 Slot 0



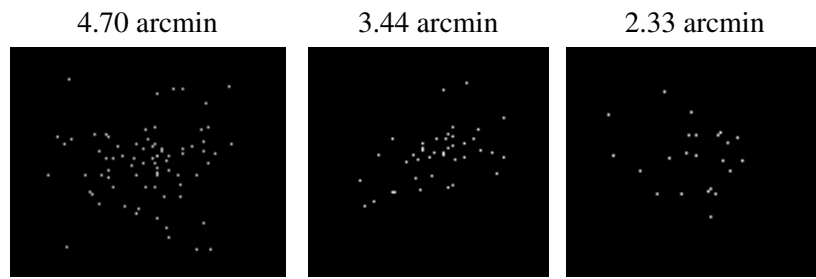
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.09.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.831

A.2 Comments

Elevated count rate from 32-40 ksec into the observation, probably from high radiation.