

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4095 - L2 Version 001
Chandra X-Ray Center

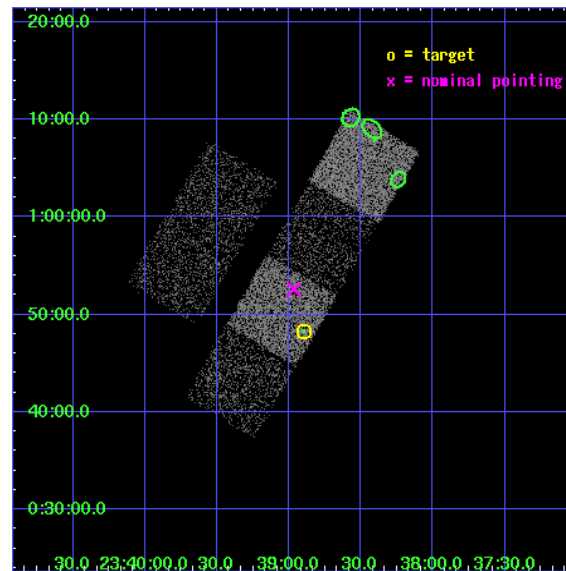
L2 Processing Date : Jul 7 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

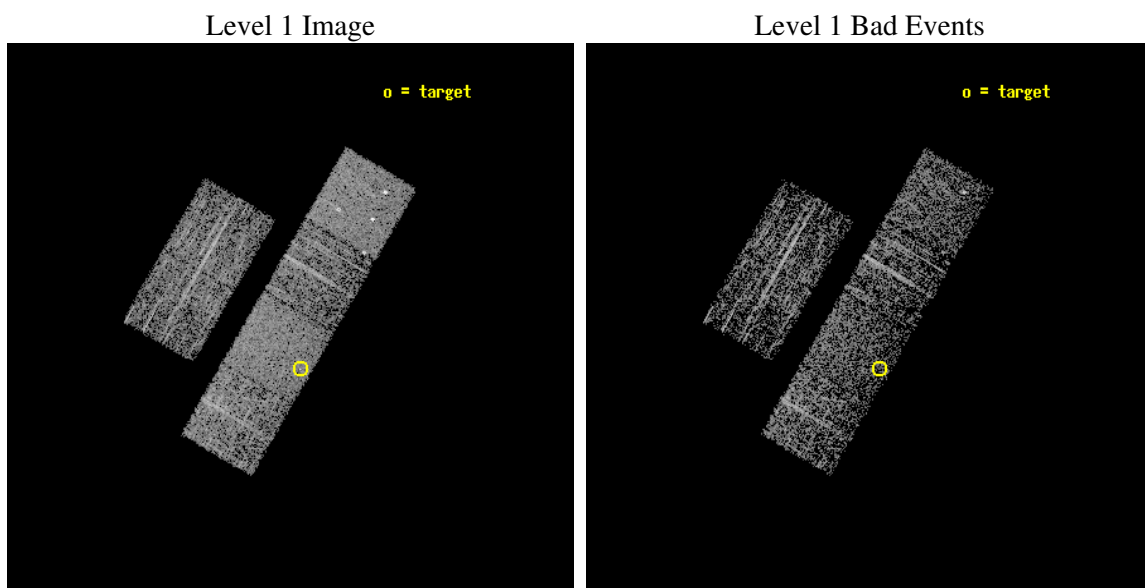
seq_num	700774
obs_id	4095
title	ARE ALL NARROW-LINE SEYFERT 1S ULTRASOFT X-RAY SOURCES?
observer	Prof RICHARD POGGE
object	SDSS J233853.83+004812.4
dtcycle	0
cycle	P
ra_targ	354.724167
dec_targ	0.803444
ra_nom	354.74150722121
dec_nom	0.87610082262875
roll_nom	120.21080289214
revision	2
ontime	1935.9999927878
liveltime	1911.4851951599
ontime2	1935.9999927878
ontime3	1935.9999927878
ontime5	1935.9999927878
ontime6	1935.9999927878
ontime7	1935.9999927878
ontime8	1935.9999927878
l2events	18384



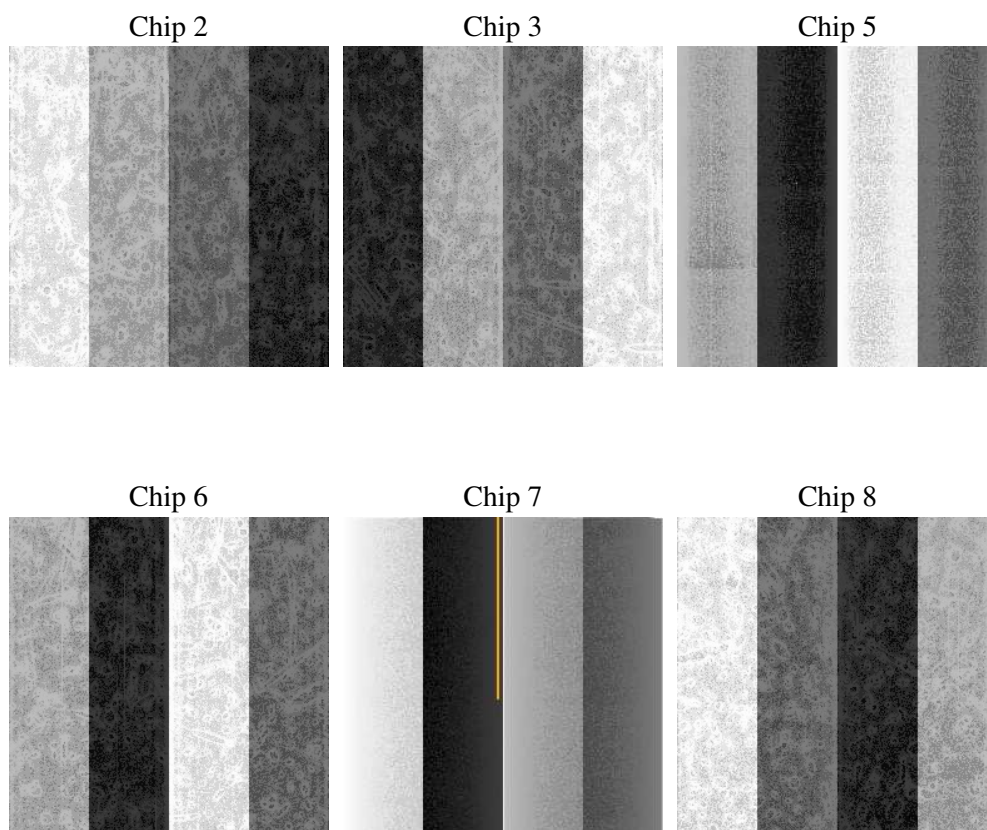
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-07T15:07:44
revision	2

sched_exp_time	1973.000000
ontime	1941.3620532453
ontime2	1941.3620532453
ontime3	1941.3620532453
ontime5	1941.3620532453
ontime6	1941.3620532453
ontime7	1941.3620532453
ontime8	1941.3620532453
l1events	88562

2.1.4 Events

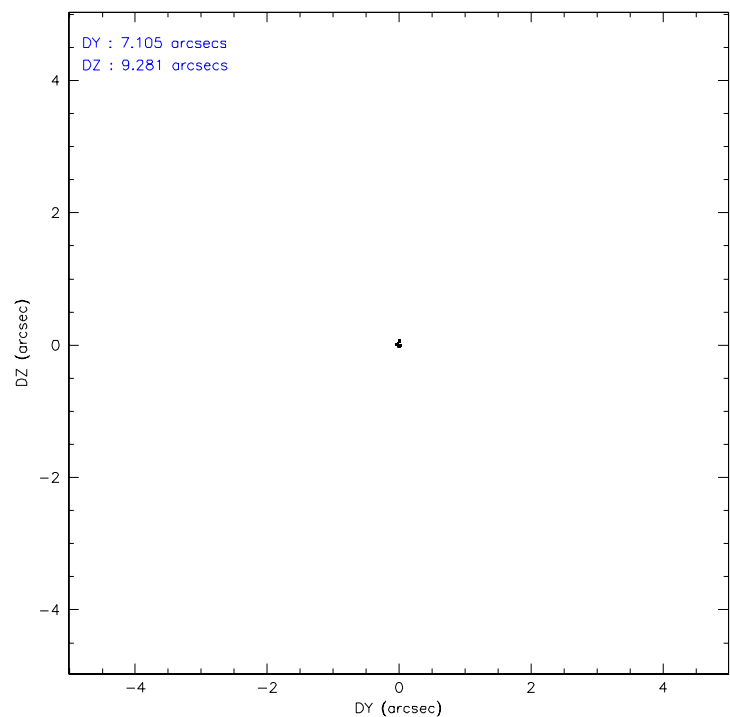
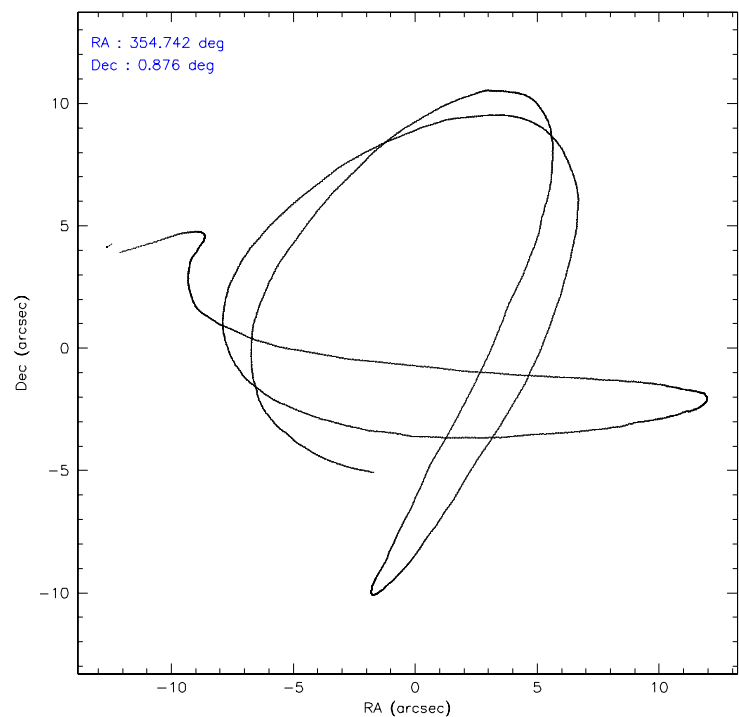
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	13087	11934	18520	12898	16349	15774
rejected events	11577	10569	10082	11445	10068	12387
rejected %	88%	88%	54%	88%	61%	78%

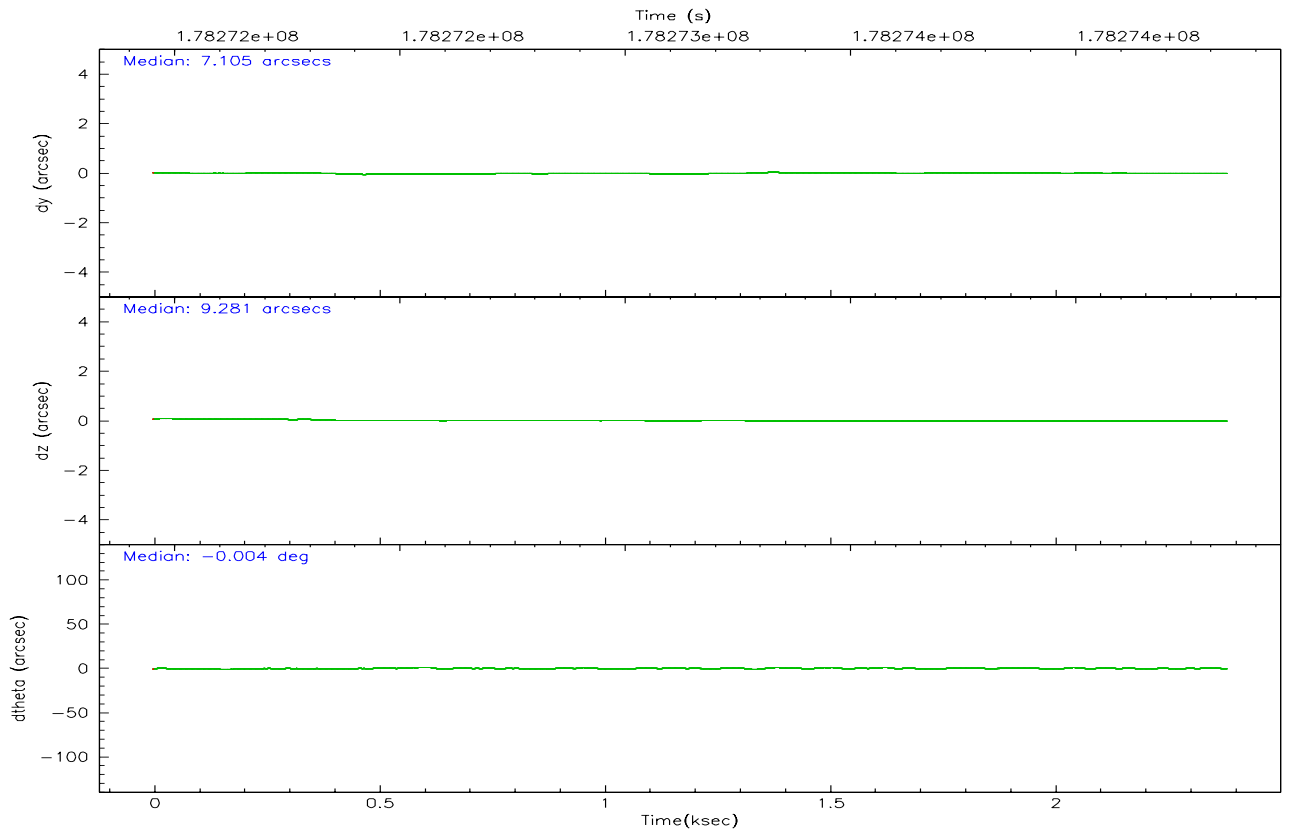
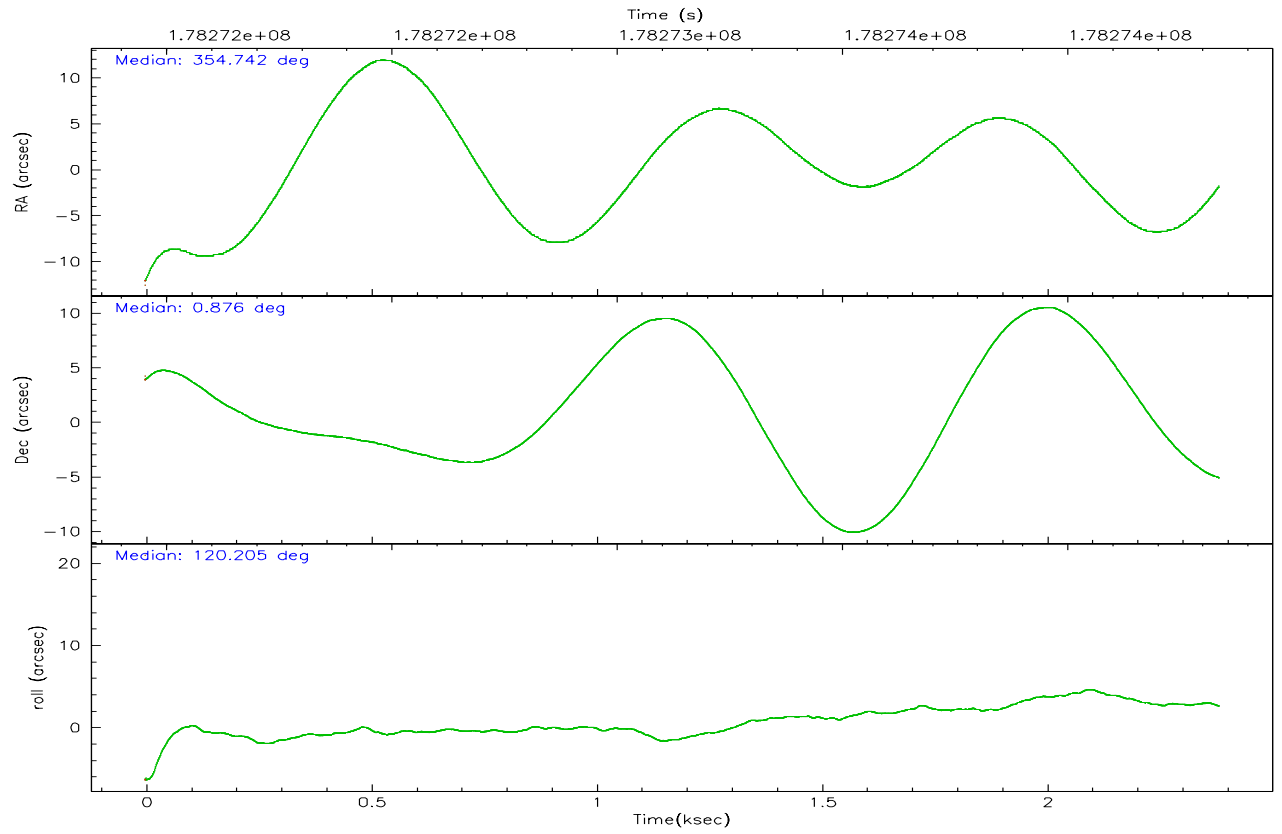
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	661	626	1193	572	393	1022
	5%	5%	6%	4%	2%	6%
grade 1 events	9	7	47	7	8	13
	0%	0%	0%	0%	0%	0%
grade 2 events	291	231	2637	323	1555	761
	2%	1%	14%	2%	9%	4%
grade 3 events	151	120	181	138	326	345
	1%	1%	0%	1%	1%	2%
grade 4 events	151	141	168	138	336	315
	1%	1%	0%	1%	2%	1%
grade 5 events	492	510	894	545	1103	731
	3%	4%	4%	4%	6%	4%
grade 6 events	259	253	4284	290	3687	947
	1%	2%	23%	2%	22%	6%
grade 7 events	11073	10046	9116	10885	8941	11640
	84%	84%	49%	84%	54%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	354.765651	354.7415072212131	Alternating exposures requested	N	N
Pointing Dec	0.862875	0.8761008226287471	Primary exposure time	0.000000	3.2
Pointing Roll	120.053841	120.2108028921377			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	178272361.184000	178271282.57201			
Observation start date	2003-08-26T08:04:57	2003-08-26T07:48:02			
Observation end time	178274334.184000	178274935.15966			
Observation end date	2003-08-26T08:37:50	2003-08-26T08:48:55			
Read mode	TIMED	TIMED			

2.3 Aspect



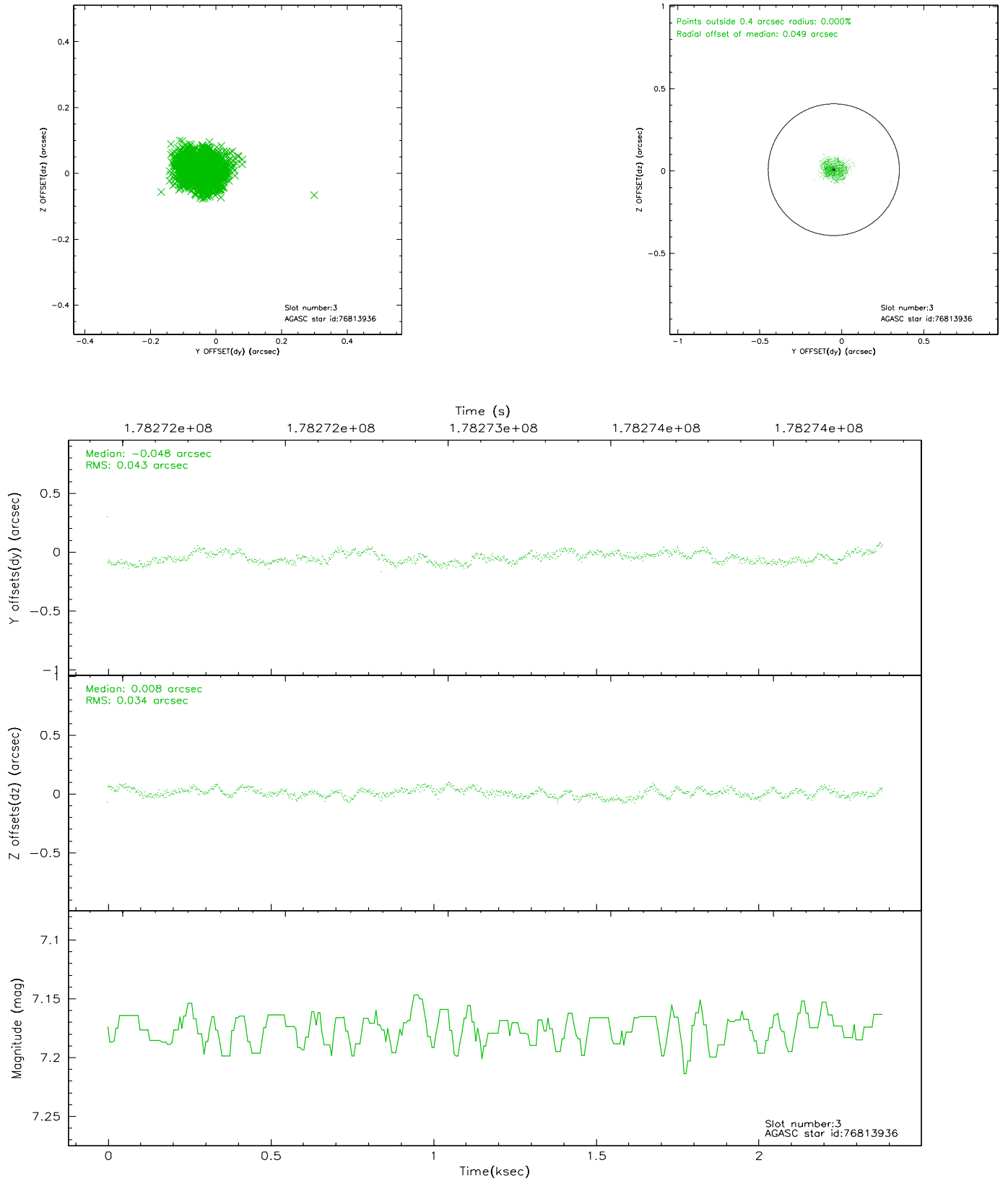


Slot Statistics

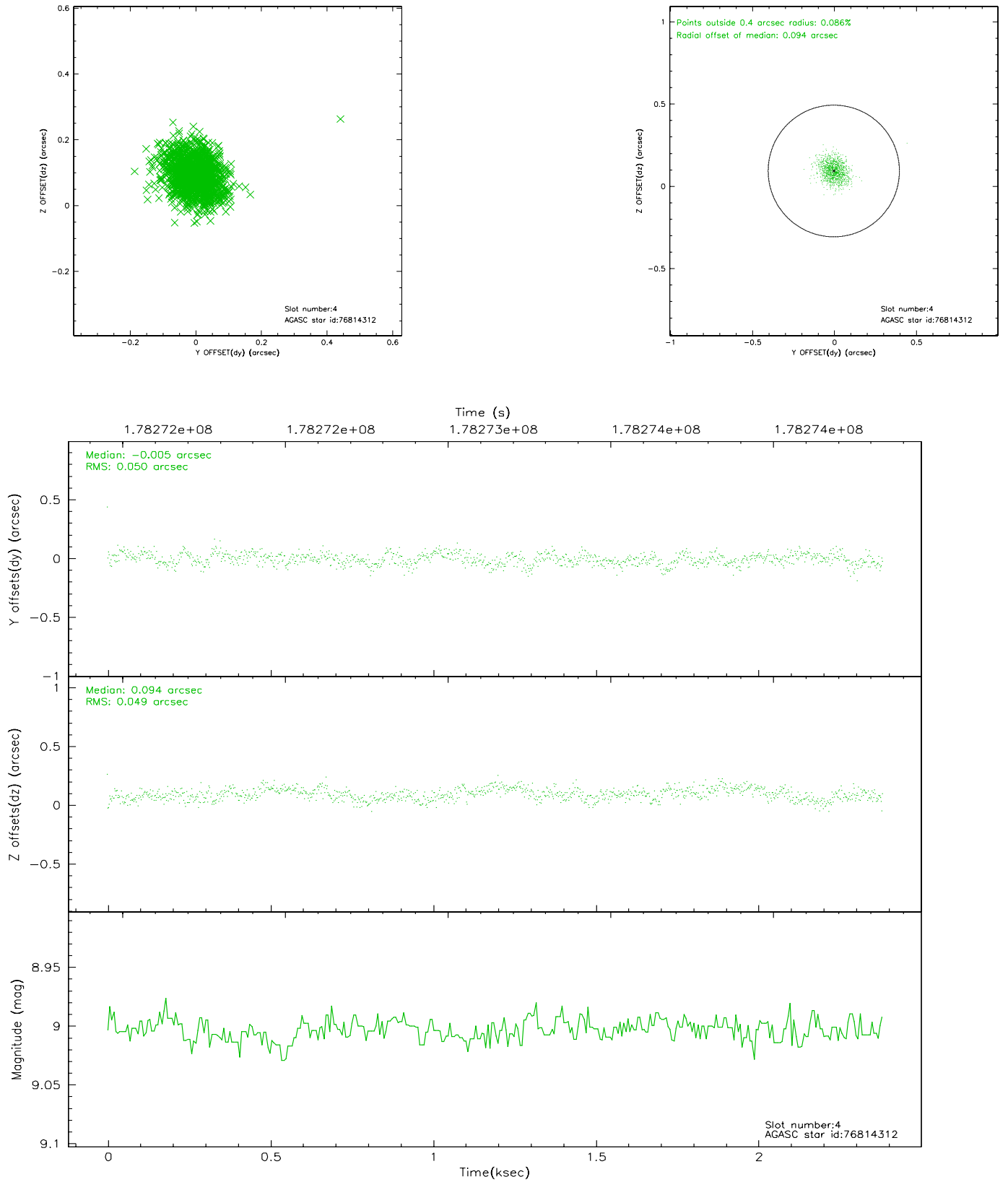
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	582	-0.022	0.001	0.006	0.011	0.000000	0.000000	-759.86	-1730.52
1	FID	ACIS-S-4	7.20	582	0.011	0.010	0.005	0.008	0.000000	0.000000	2152.20	175.18
2	FID	ACIS-S-5	7.23	582	-0.020	-0.002	0.006	0.010	0.000000	0.000000	-1809.22	171.91
3	GUIDE	76813936	7.18	1164	-0.048	0.008	0.059	0.086	355.167647	0.415974	-2117.68	-447.47
4	GUIDE	76814312	9.00	1164	-0.005	0.094	0.073	0.117	355.000375	1.539969	1684.72	-1952.73
5	GUIDE	76815856	9.13	1163	0.060	0.017	0.065	0.105	355.105256	0.393799	-2072.86	-215.03
6	GUIDE	76679688	9.15	1164	-0.087	-0.039	0.099	0.161	354.668302	1.573197	2386.48	-978.11
7	GUIDE	76678520	8.95	1162	0.079	-0.080	0.080	0.125	354.768103	0.123630	-2306.46	1323.43

2.4 Star Slots

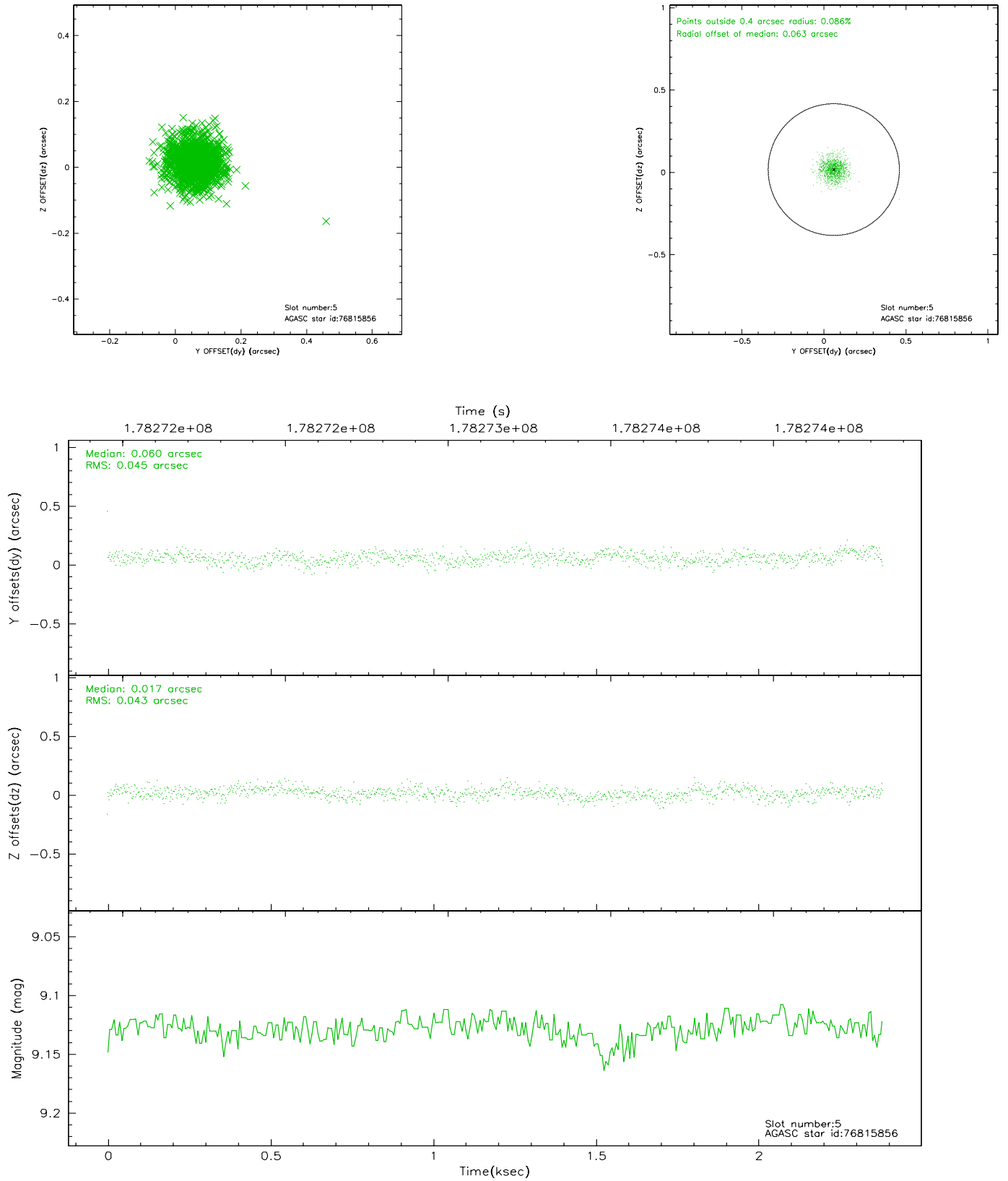
2.4.1 Slot 3



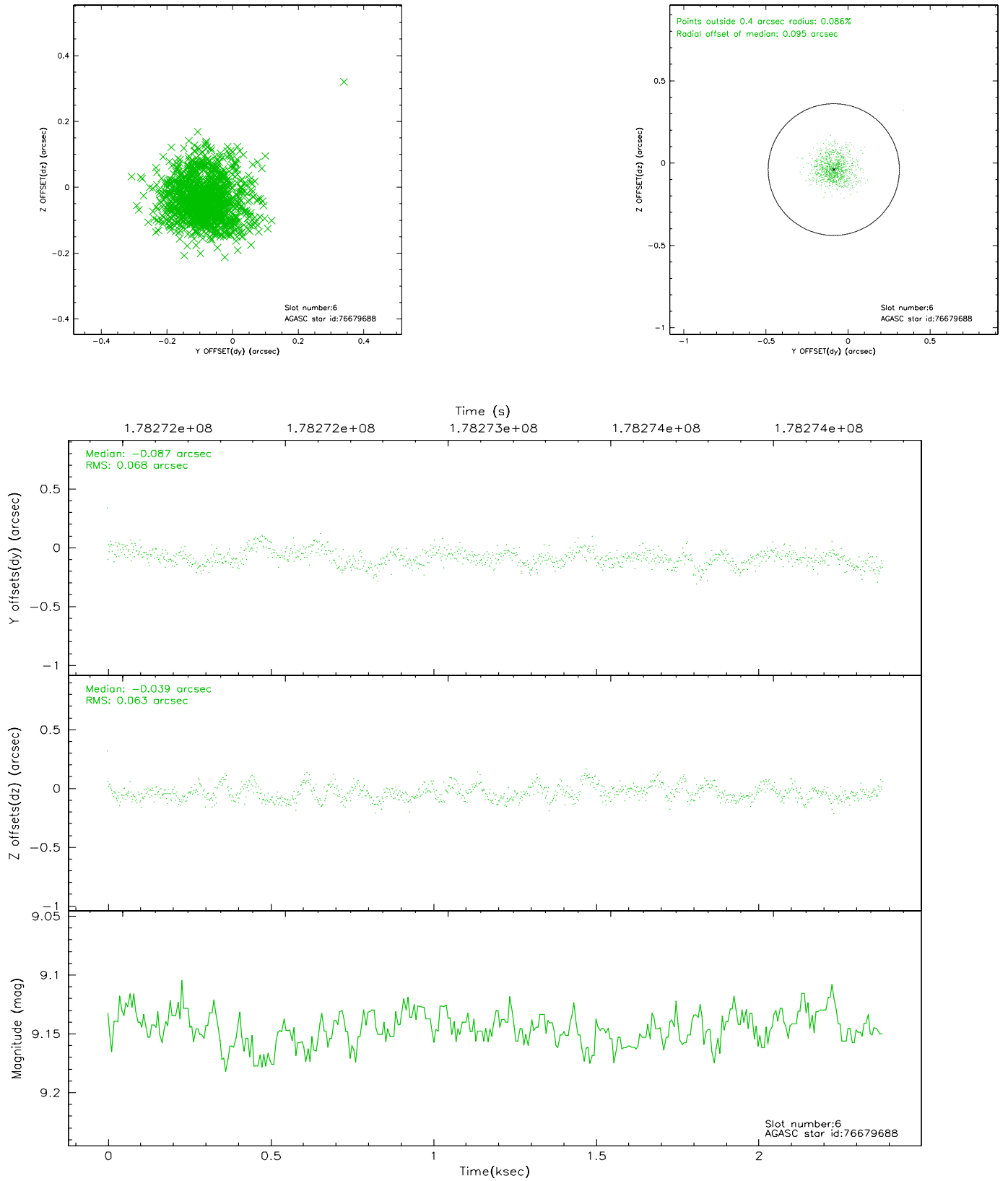
2.4.2 Slot 4



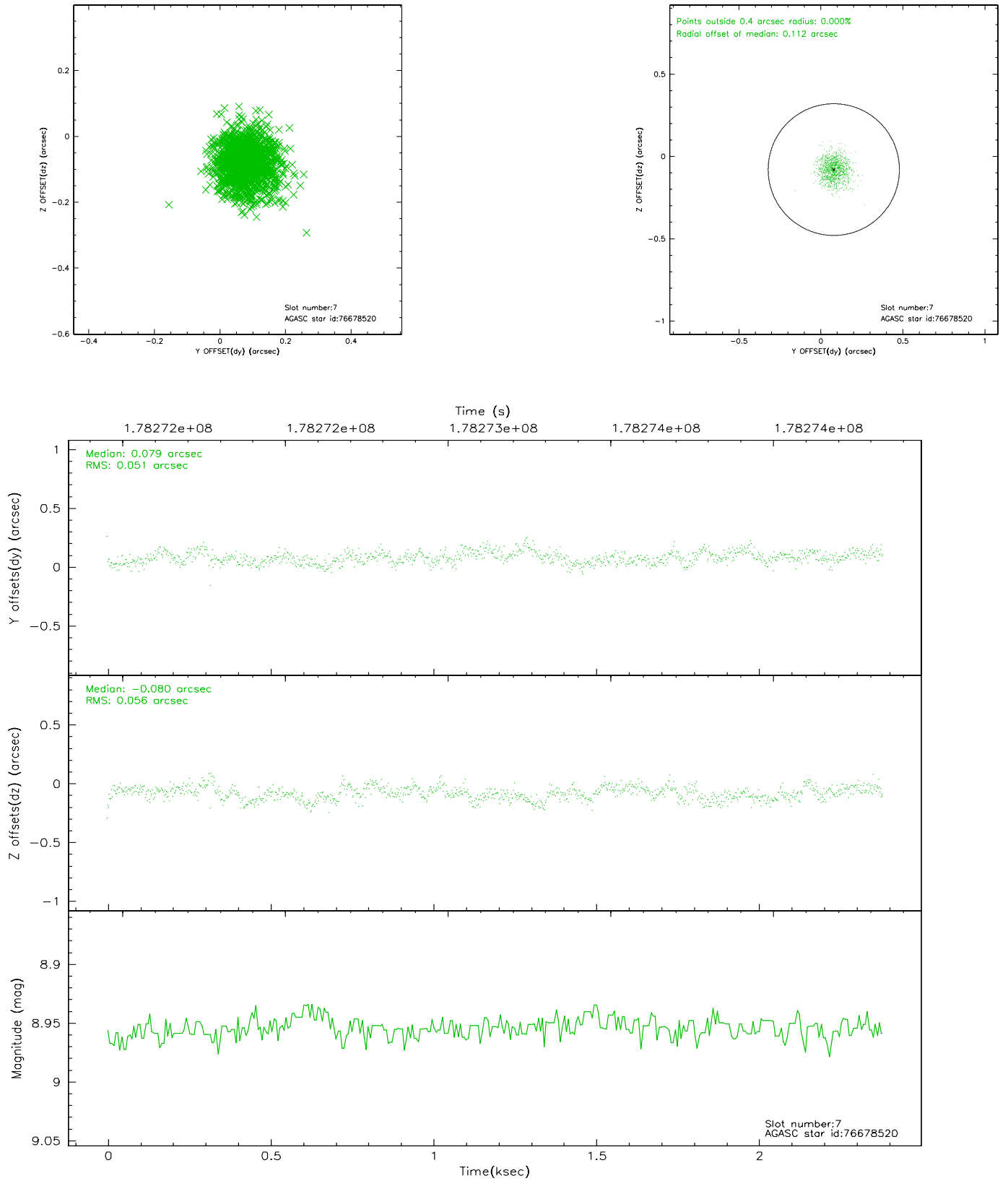
2.4.3 Slot 5



2.4.4 Slot 6

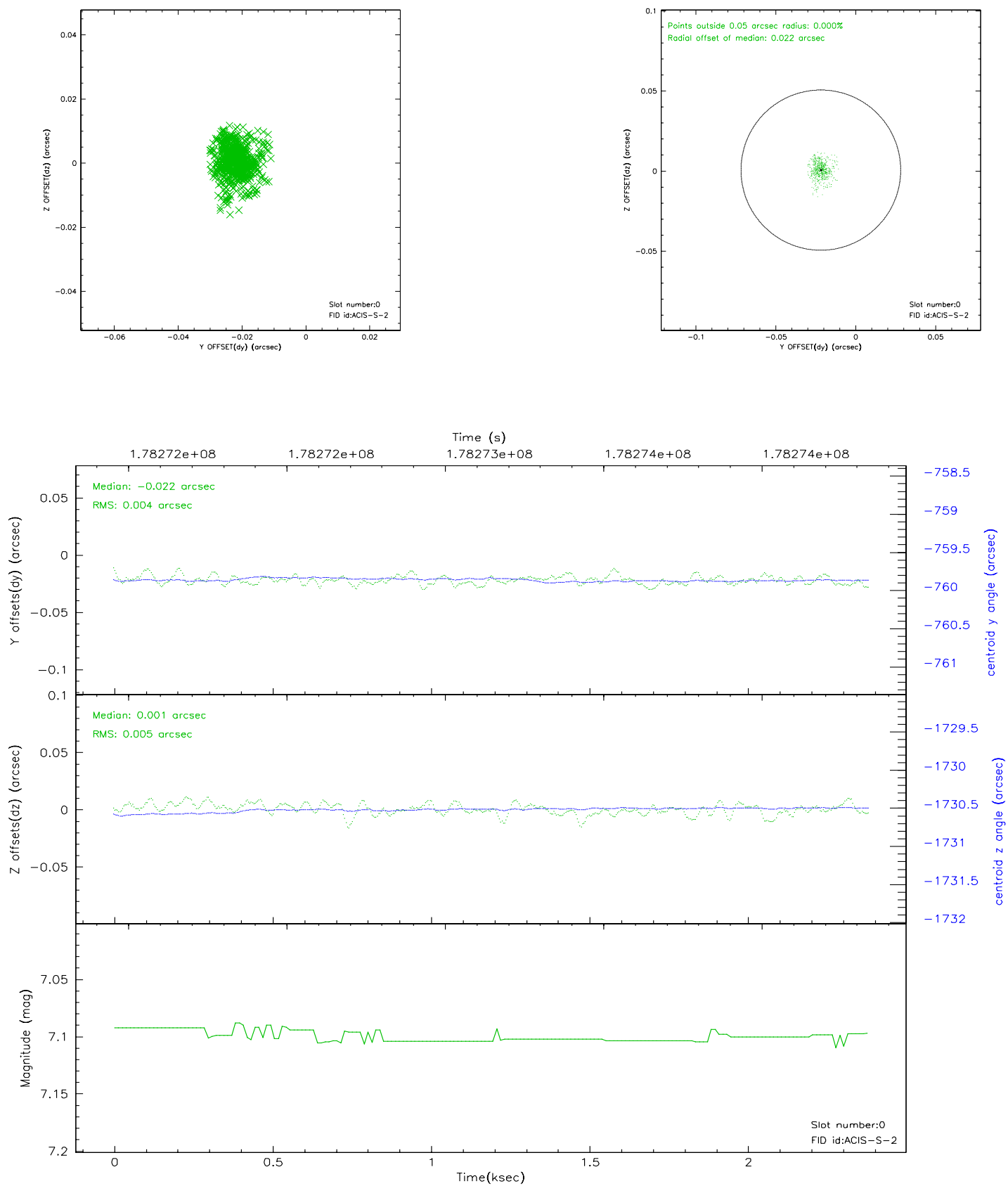


2.4.5 Slot 7

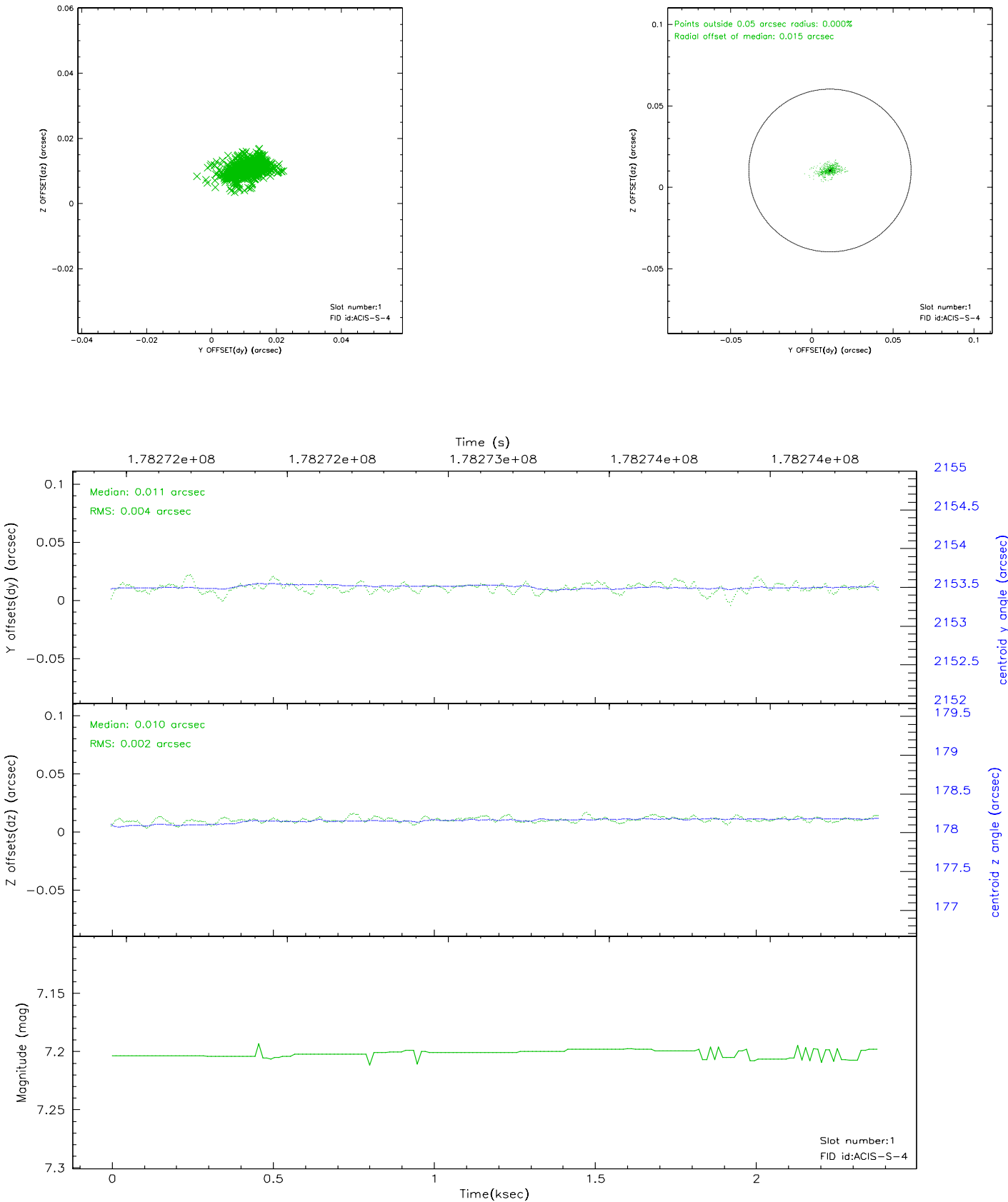


2.5 FID Slots

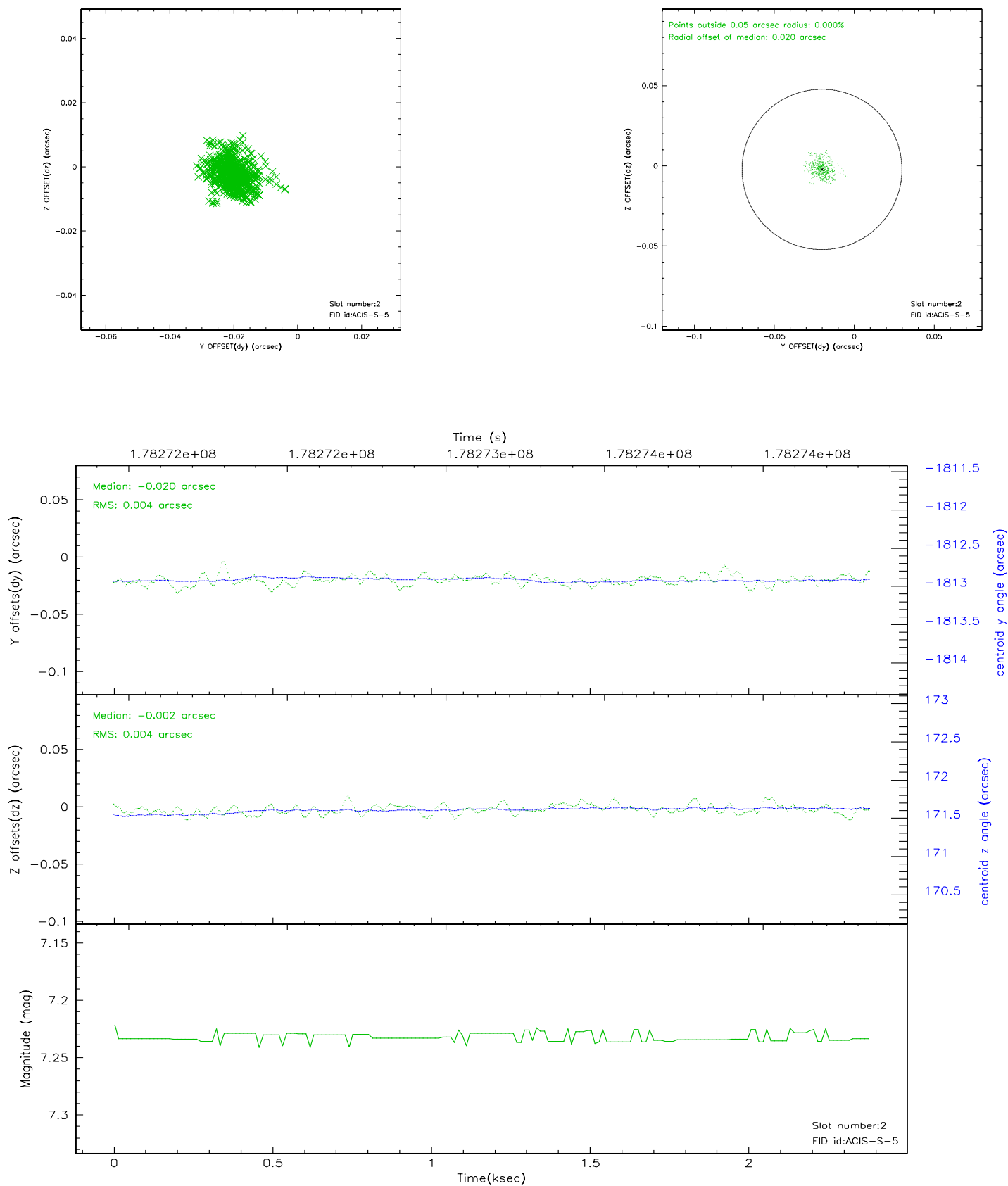
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

4.47 arcmin



18.37 arcmin



18.61 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.939

A.2 Comments

Source is near the edge of the detector.