

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1635 - L2 Version 001
Chandra X-Ray Center

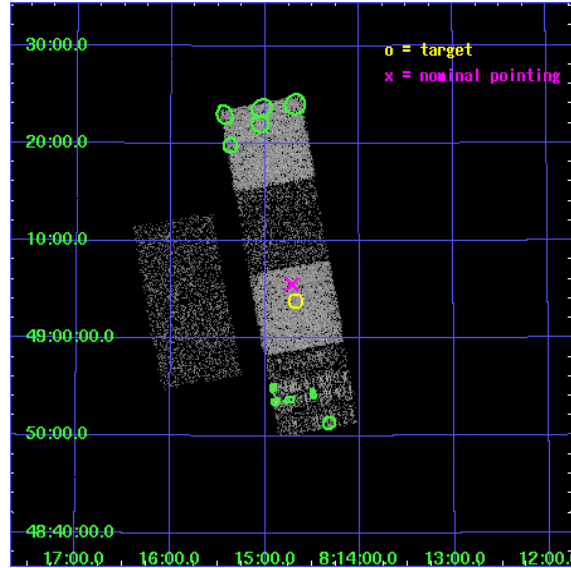
L2 Processing Date : Jun 14 2007

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1 Front

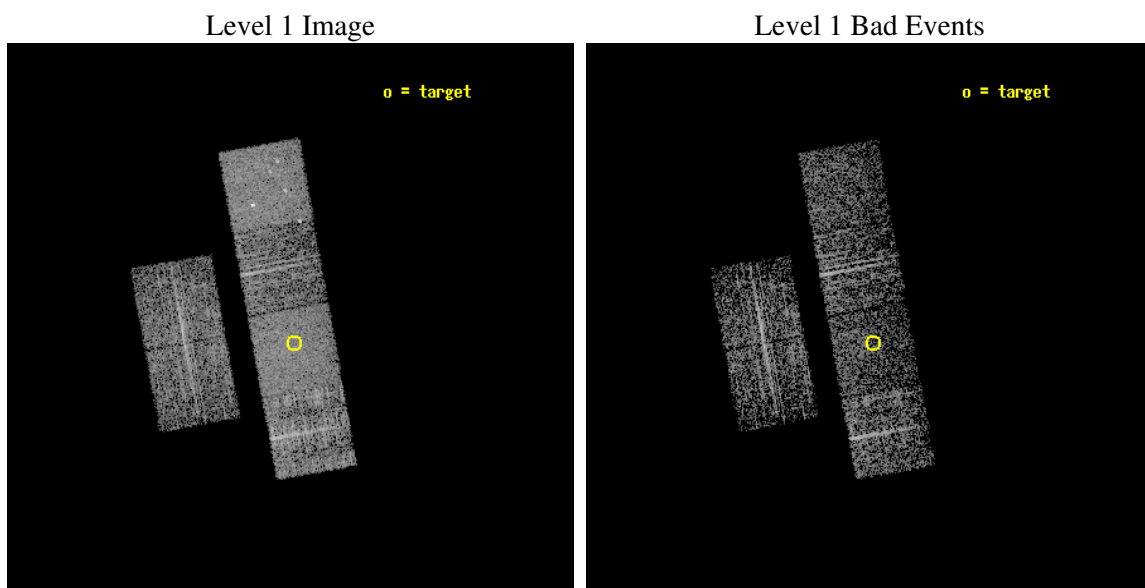
seq_num	700251
obs_id	1635
title	THE X-RAY PROPERTIES OF LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 2541
dtcycle	0
cycle	P
ra_targ	123.668333
dec_targ	49.064167
ra_nom	123.67922424165
dec_nom	49.092574952372
roll_nom	79.728292622051
revision	2
ontime	1952.0000018179
livetime	1927.2826024416
ontime2	1948.7590216547
ontime3	1952.0000018179
ontime5	1952.0000018179
ontime6	1952.0000018179
ontime7	1952.0000018179
ontime8	1952.0000018179
l2events	31000



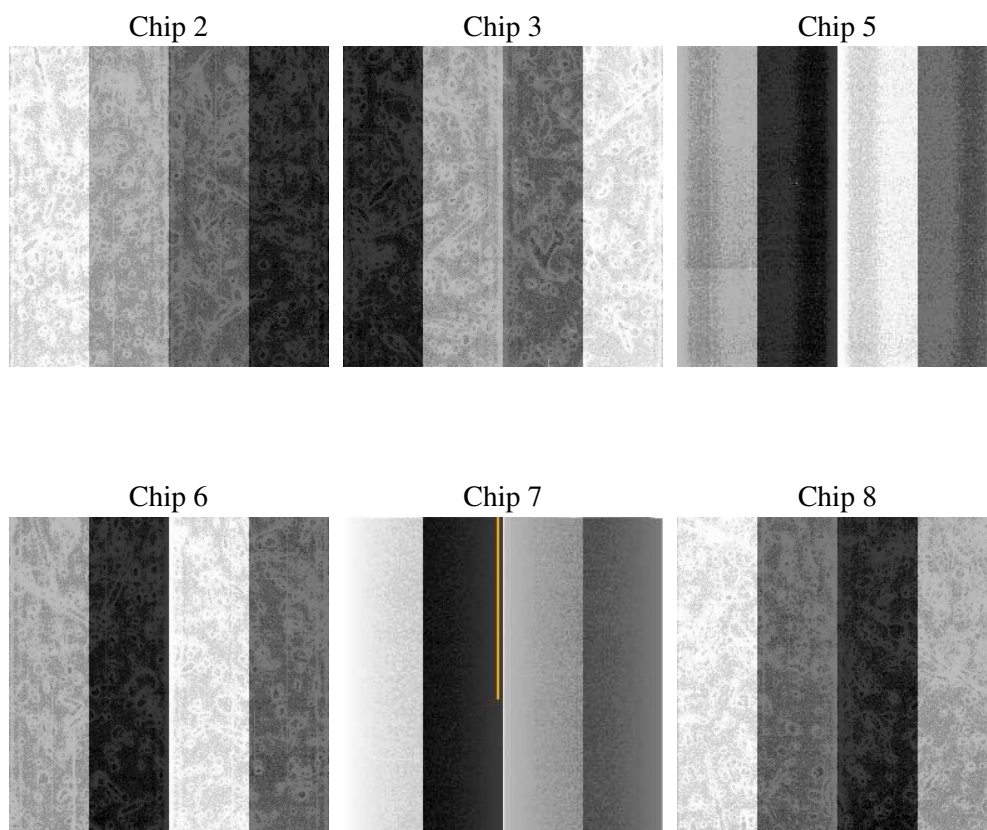
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-14T04:45:09
revision	2

sched_exp_time	2000.000000
ontime	1952.0000018179
ontime2	1948.7590216547
ontime3	1952.0000018179
ontime5	1952.0000018179
ontime6	1952.0000018179
ontime7	1952.0000018179
ontime8	1952.0000018179
llevents	108315

2.1.4 Events

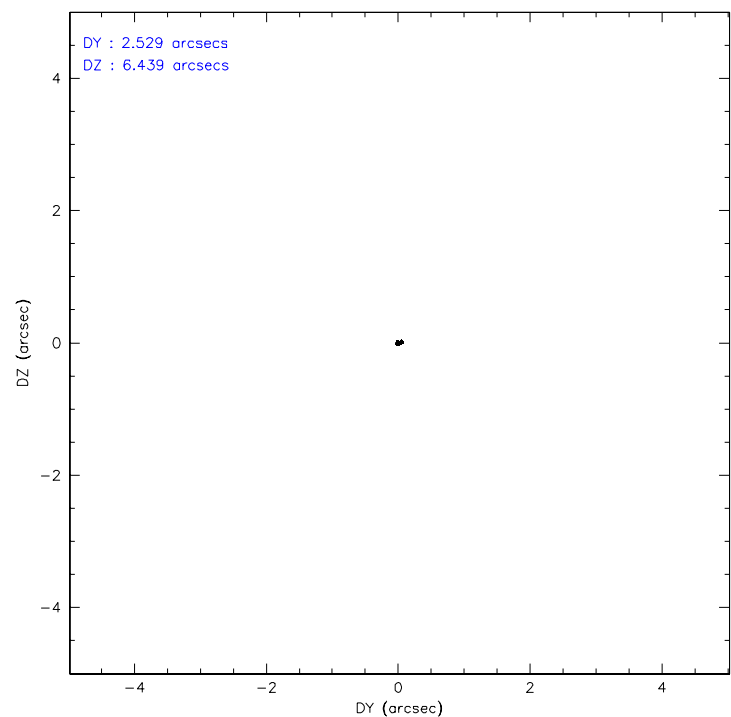
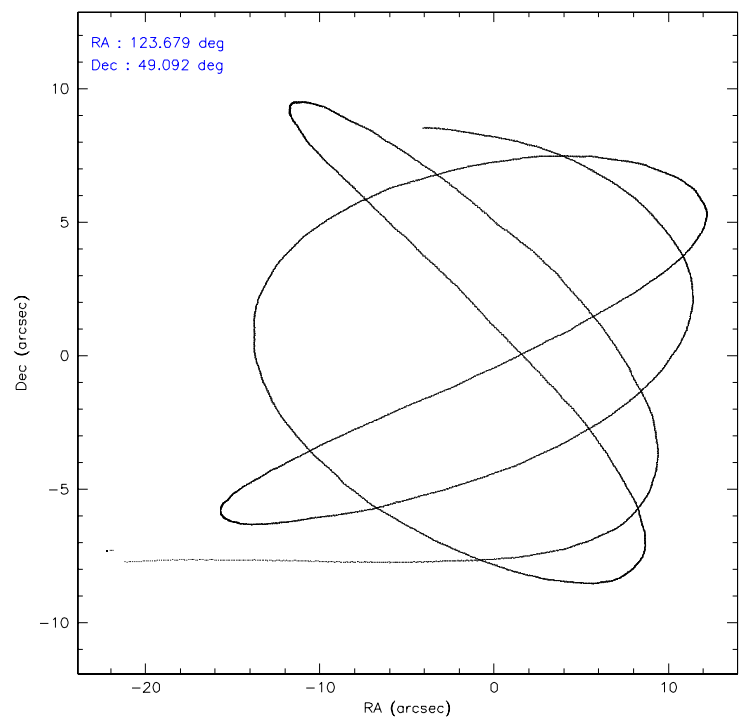
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	14287	13549	23151	14605	21081	21642
rejected events	12399	11898	9928	12736	9566	13875
rejected %	86%	87%	42%	87%	45%	64%

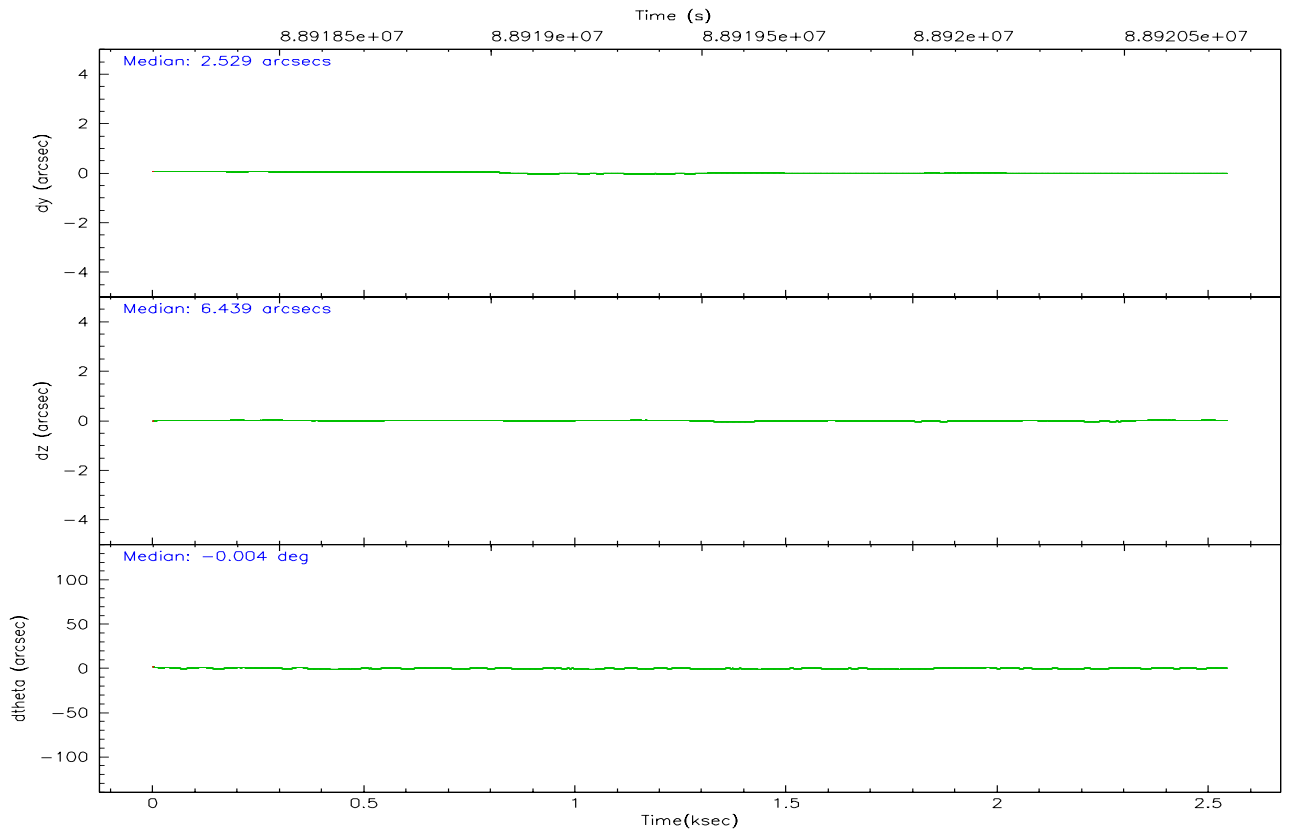
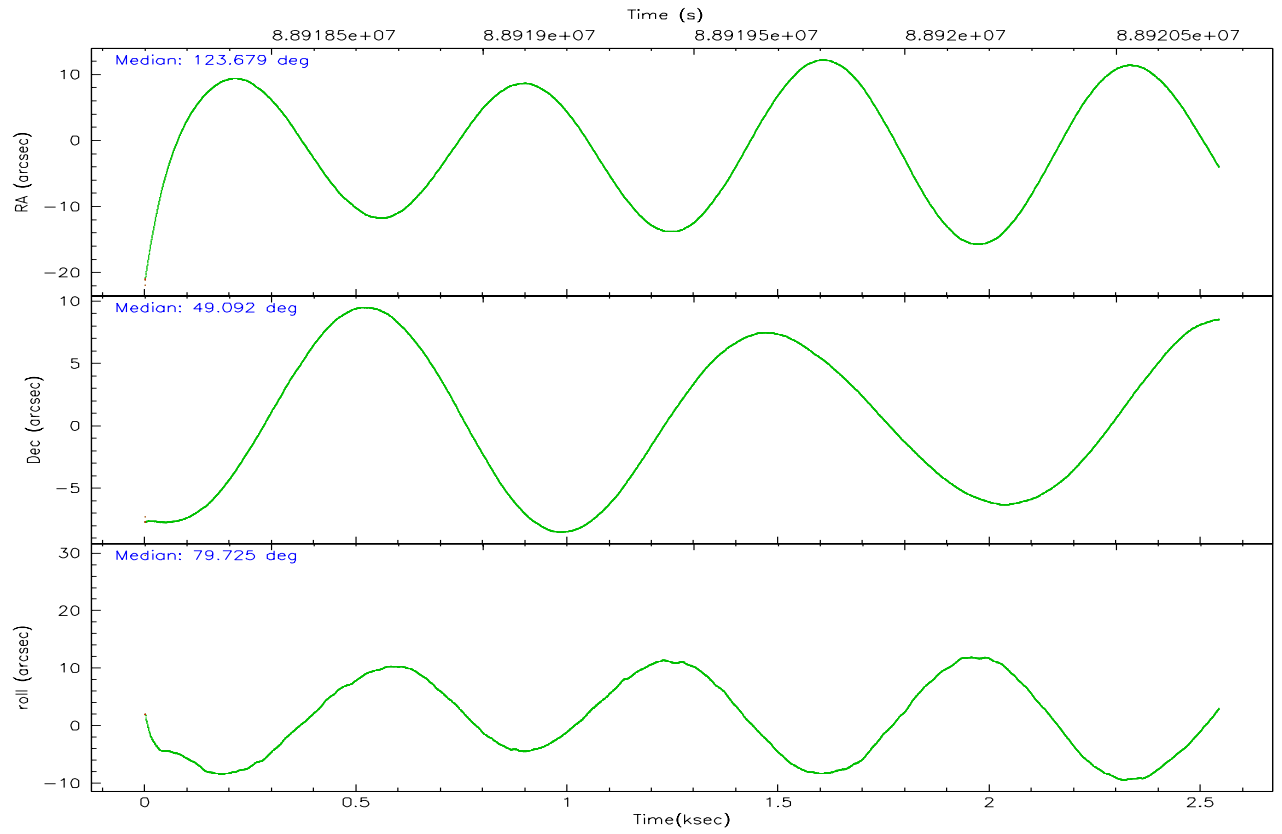
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	859	758	2511	846	1326	2331
	6%	5%	10%	5%	6%	10%
grade 1 events	4	5	30	4	21	15
	0%	0%	0%	0%	0%	0%
grade 2 events	413	329	3497	418	2276	1334
	2%	2%	15%	2%	10%	6%
grade 3 events	137	141	727	118	1014	1144
	0%	1%	3%	0%	4%	5%
grade 4 events	150	133	726	144	998	1011
	1%	0%	3%	0%	4%	4%
grade 5 events	440	459	1442	524	1607	747
	3%	3%	6%	3%	7%	3%
grade 6 events	333	293	5788	349	5911	1961
	2%	2%	25%	2%	28%	9%
grade 7 events	11951	11431	8430	12202	7928	13099
	83%	84%	36%	83%	37%	60%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	123.693417	123.6792242416531	Subarray requested	NONE	NONE
Pointing Dec	49.066910	49.09257495237249	Alternating exposures requested	N	N
Pointing Roll	79.561001	79.72829262205063	Primary exposure time	0.000000	3.2
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	88918744.184000	88917606.59361701			
Observation start date	2000-10-26T03:38:00	2000-10-26T03:20:06			
Observation end time	88920744.184000	88921165.906252			
Observation end date	2000-10-26T04:11:20	2000-10-26T04:19:25			
Read mode	TIMED	TIMED			

2.3 Aspect



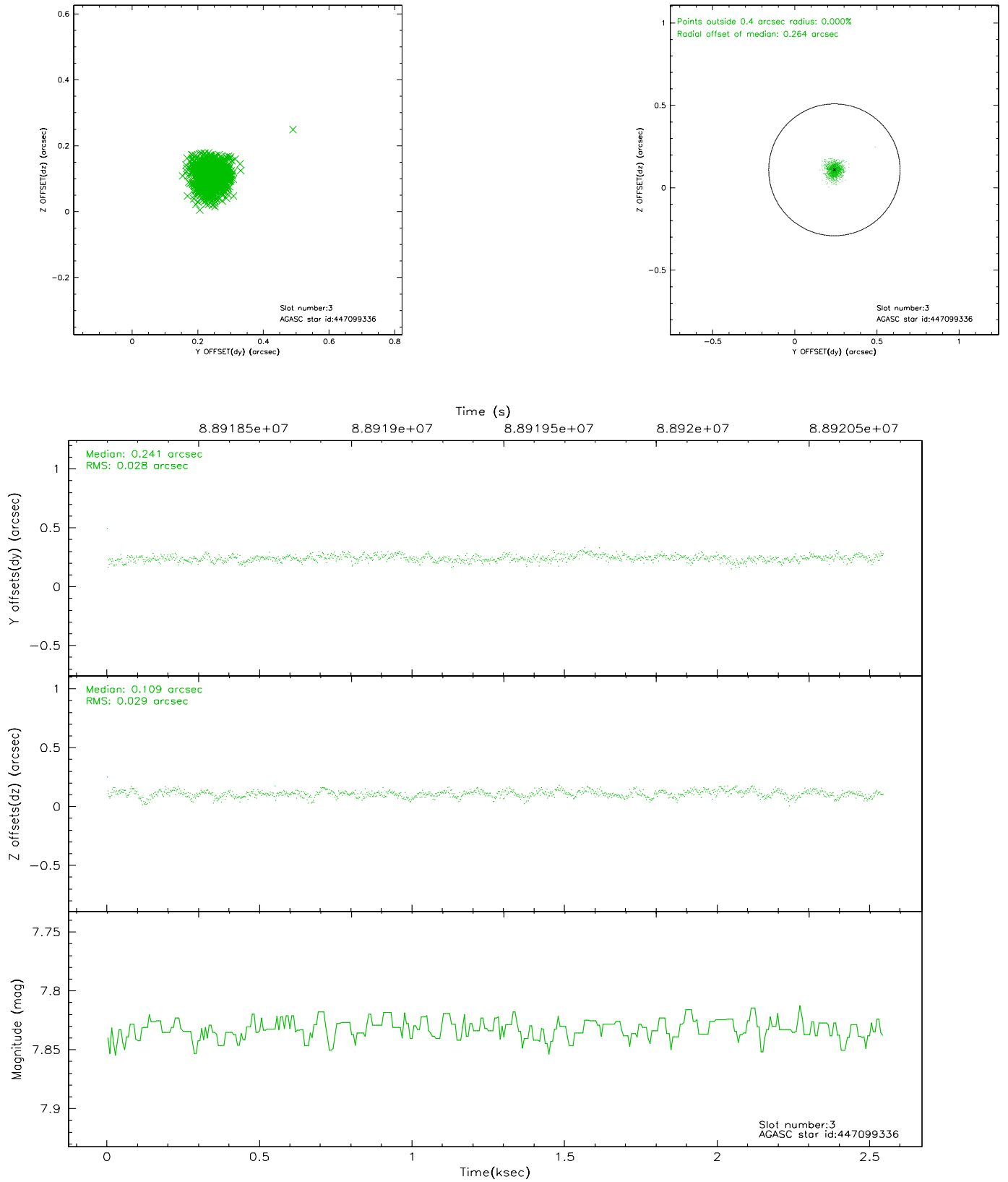


Slot Statistics

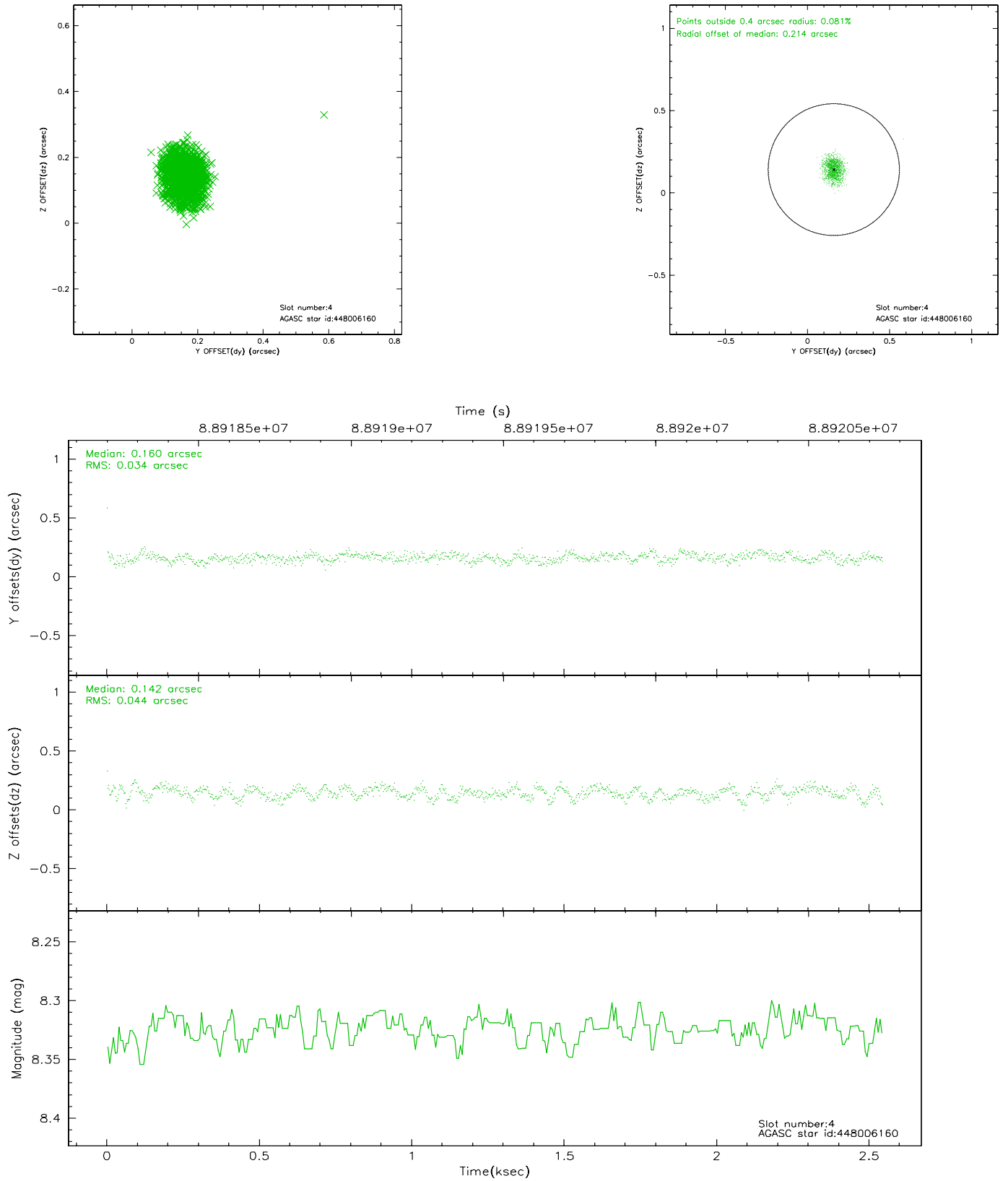
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	621	-0.081	-0.041	0.006	0.010	0.000000	0.000000	57.94	-1856.69
1	FID	ACIS-S-4	7.20	621	-0.050	0.063	0.005	0.009	0.000000	0.000000	2158.22	178.11
2	FID	ACIS-S-5	7.23	619	0.102	-0.011	0.005	0.010	0.000000	0.000000	-1804.62	174.84
3	GUIDE	447099336	7.83	1242	0.241	0.109	0.042	0.069	123.619219	48.437866	-2257.11	-235.97
4	GUIDE	448006160	8.32	1242	0.160	0.142	0.058	0.093	124.237130	48.566527	-1532.16	-1599.46
5	GUIDE	448011160	8.68	1241	0.008	0.120	0.074	0.122	124.762426	49.446093	1813.89	-2211.09
6	GUIDE	447088560	8.99	1240	-0.264	-0.146	0.057	0.096	123.501593	49.653293	1998.46	820.62
7	GUIDE	447096968	9.23	1240	-0.145	-0.224	0.088	0.153	122.968729	49.579442	1519.20	2000.06

2.4 Star Slots

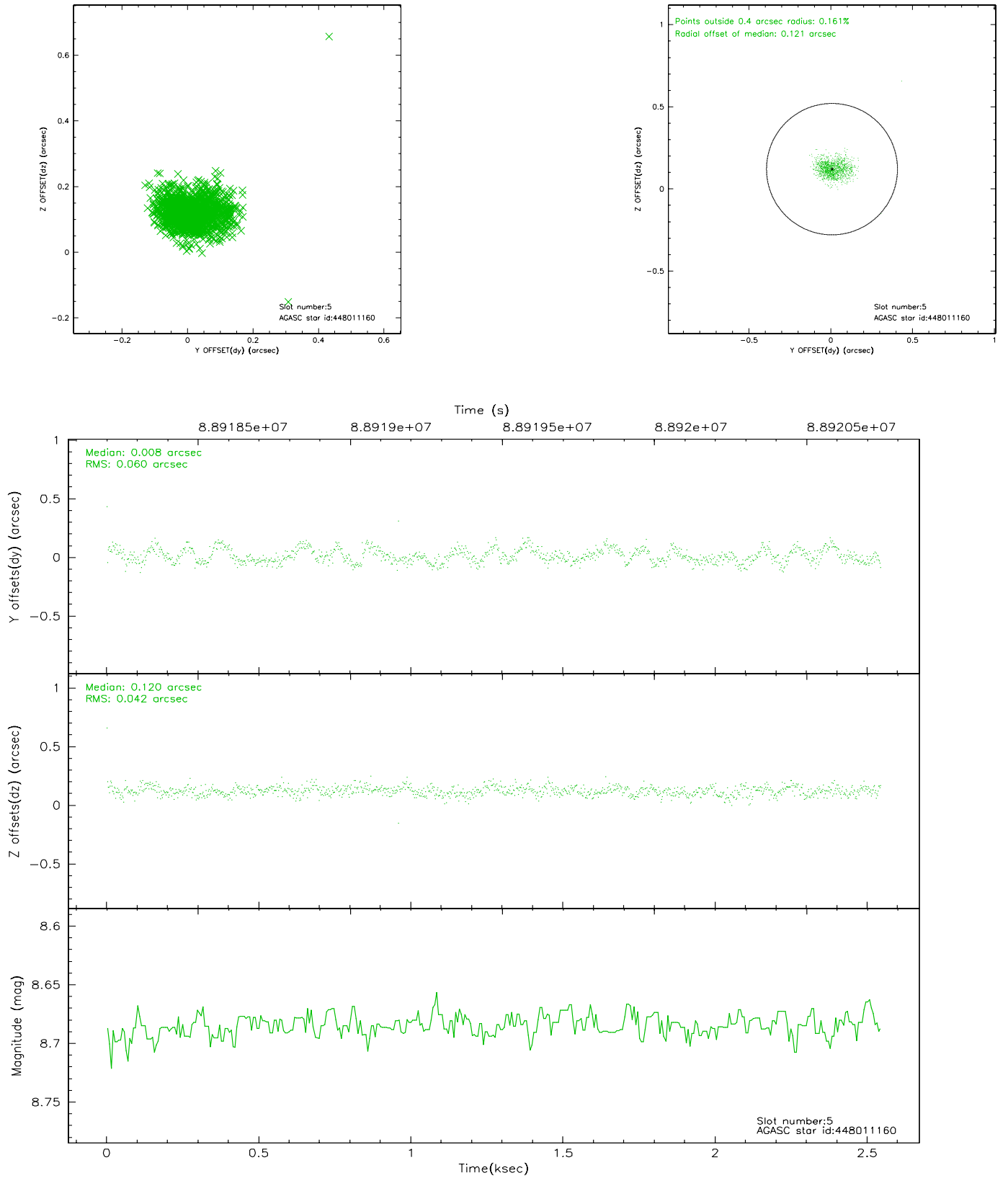
2.4.1 Slot 3



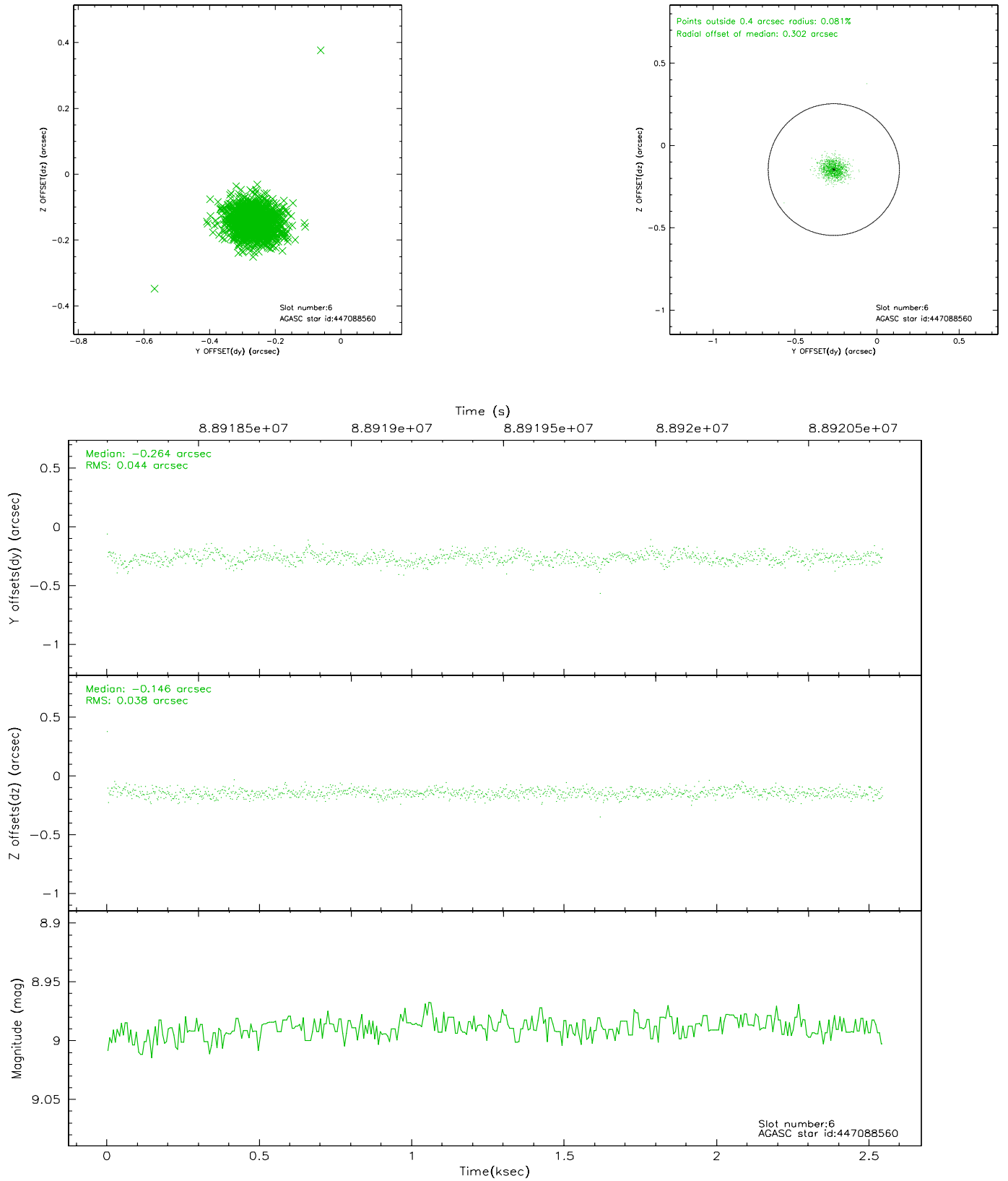
2.4.2 Slot 4



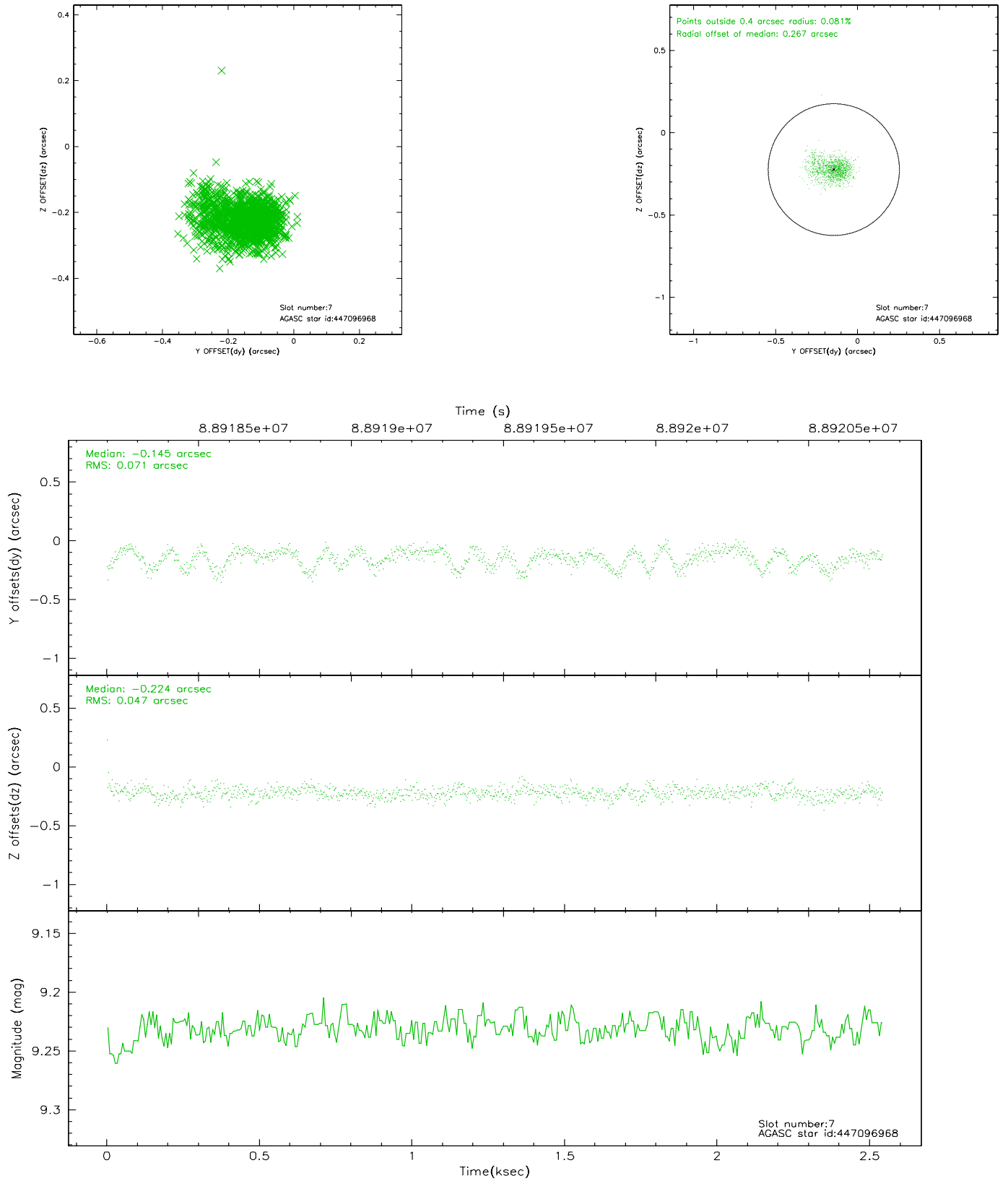
2.4.3 Slot 5



2.4.4 Slot 6

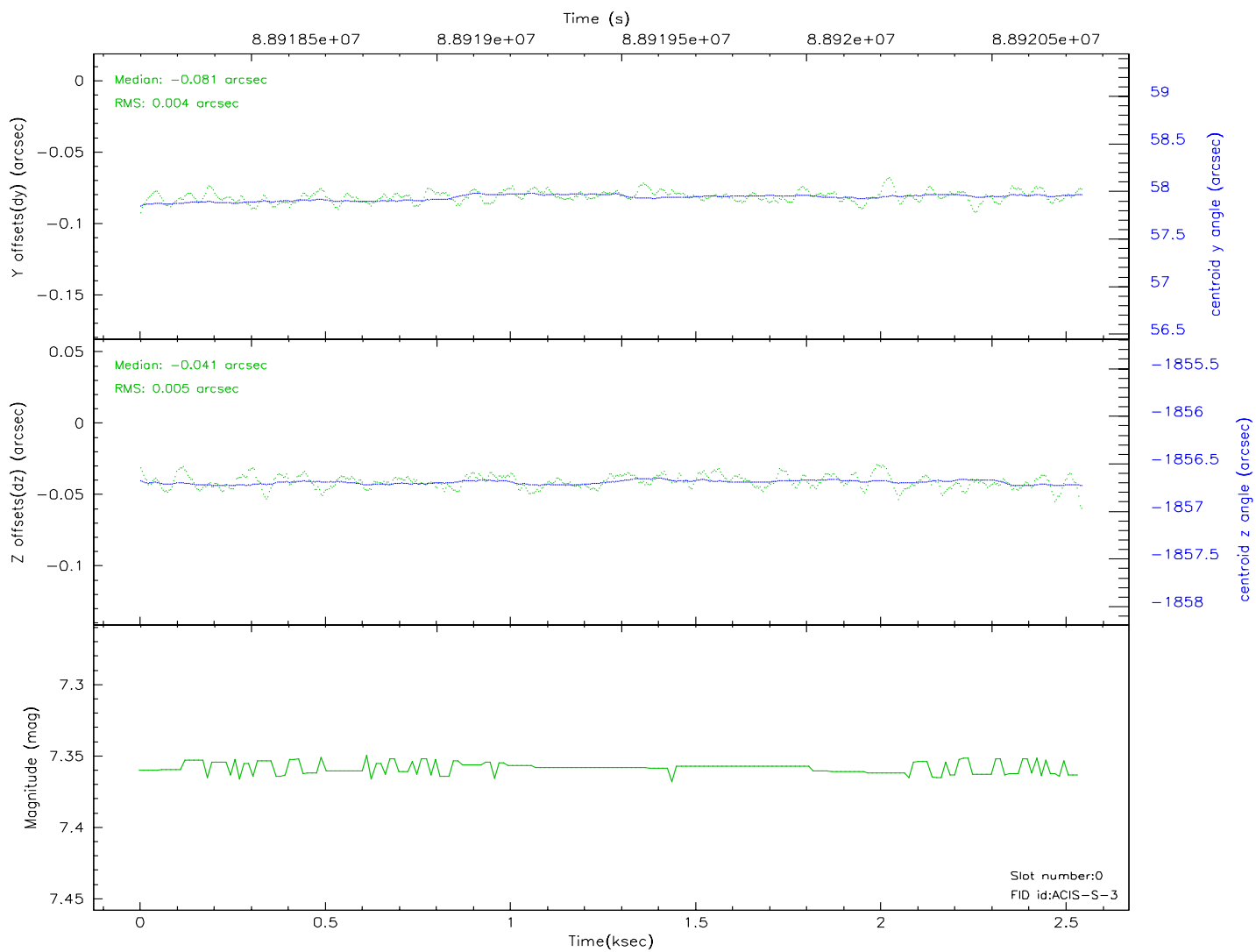
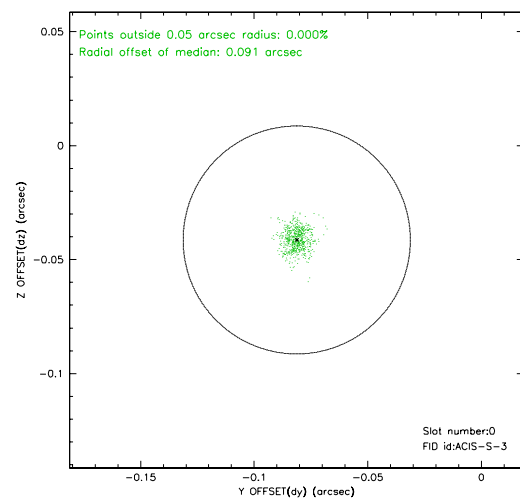
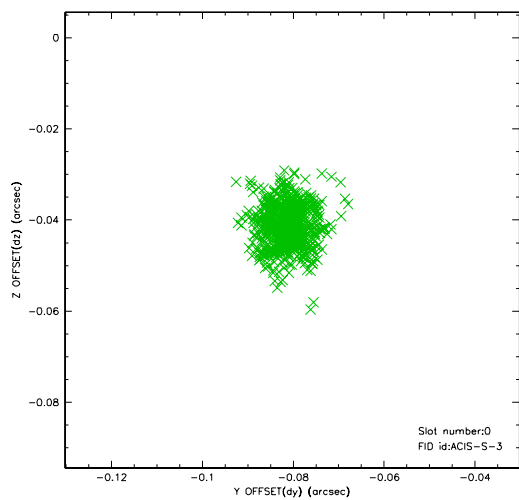


2.4.5 Slot 7

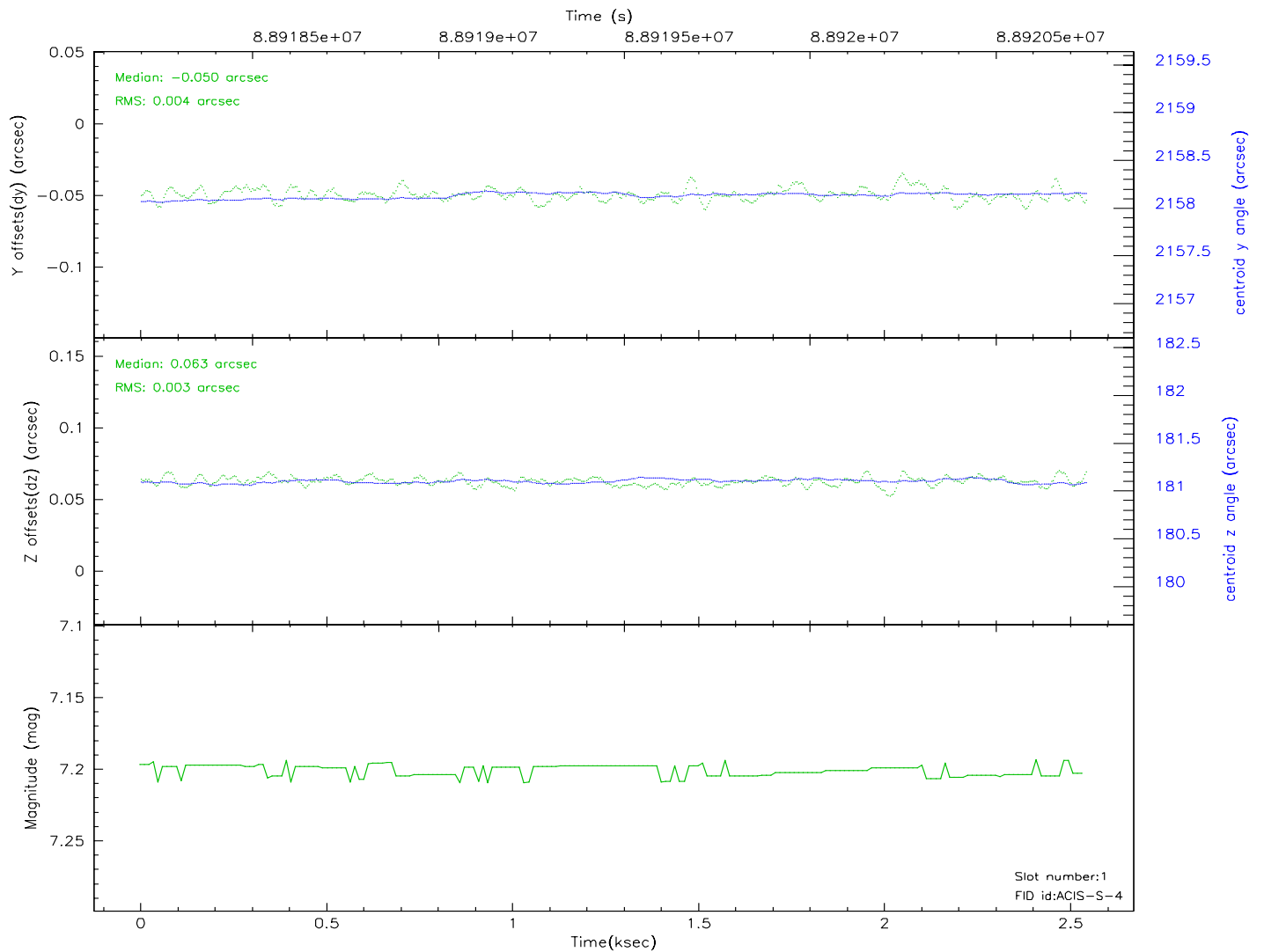
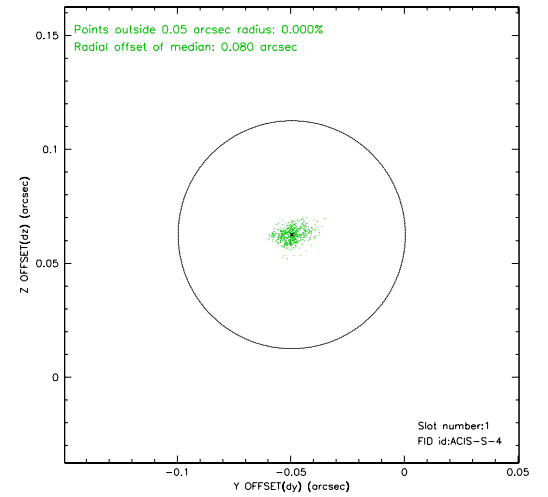
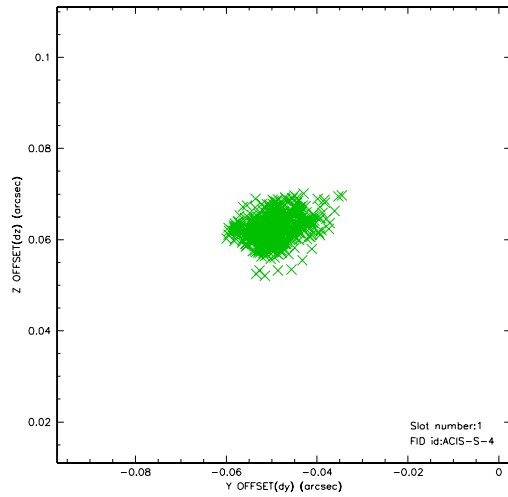


2.5 FID Slots

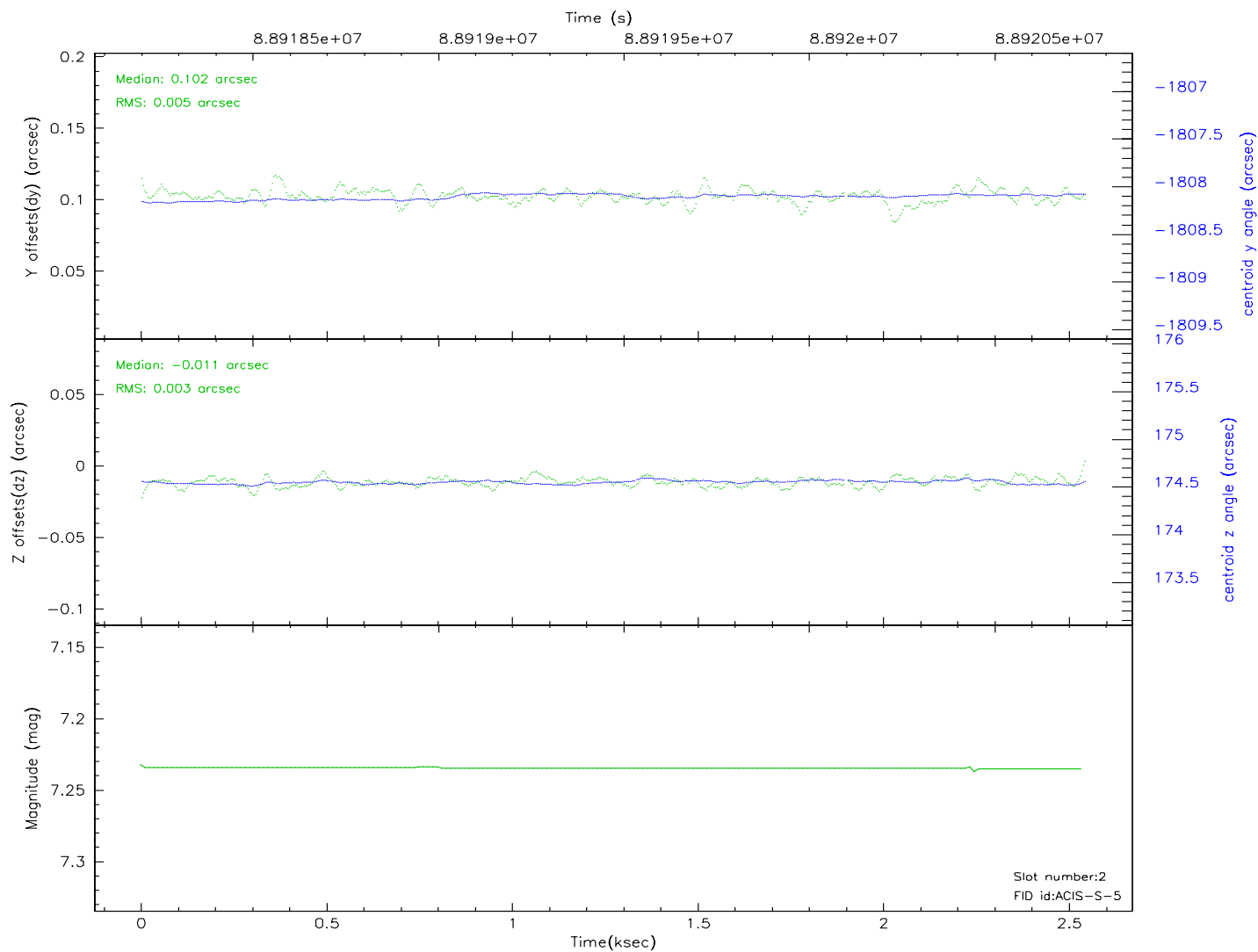
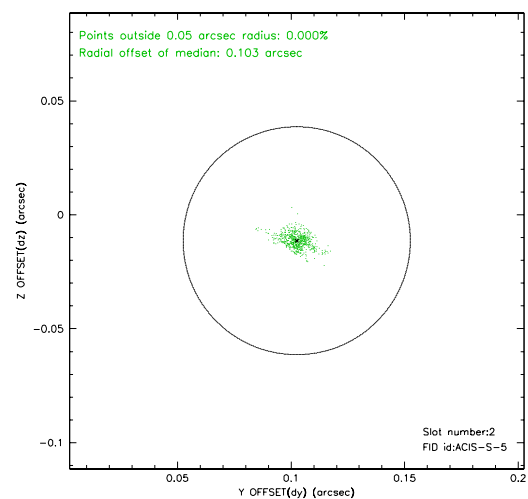
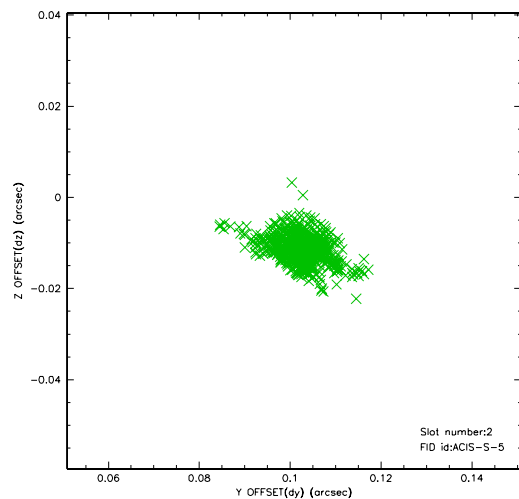
2.5.1 Slot 0



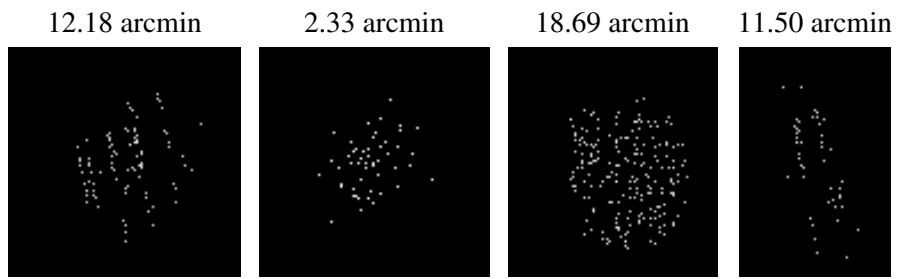
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.952

A.2 Comments