

V&V Reference Report

L2 ASCDS Version : 7.6.11

Observation 1636 - L2 Version 2
Chandra X-Ray Center

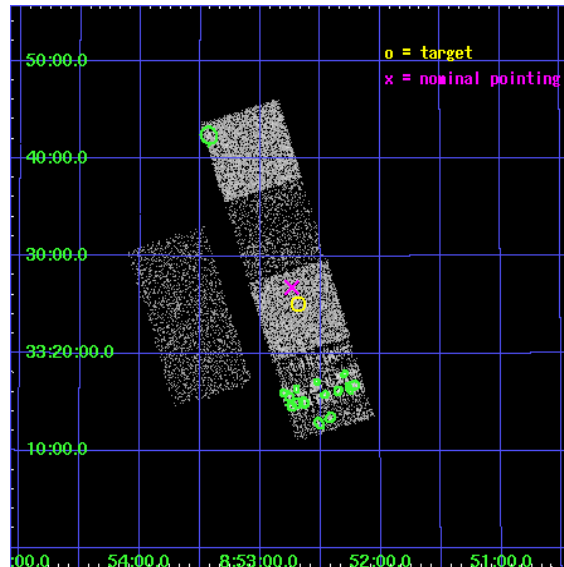
L2 Processing Date : Aug 27 2007

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

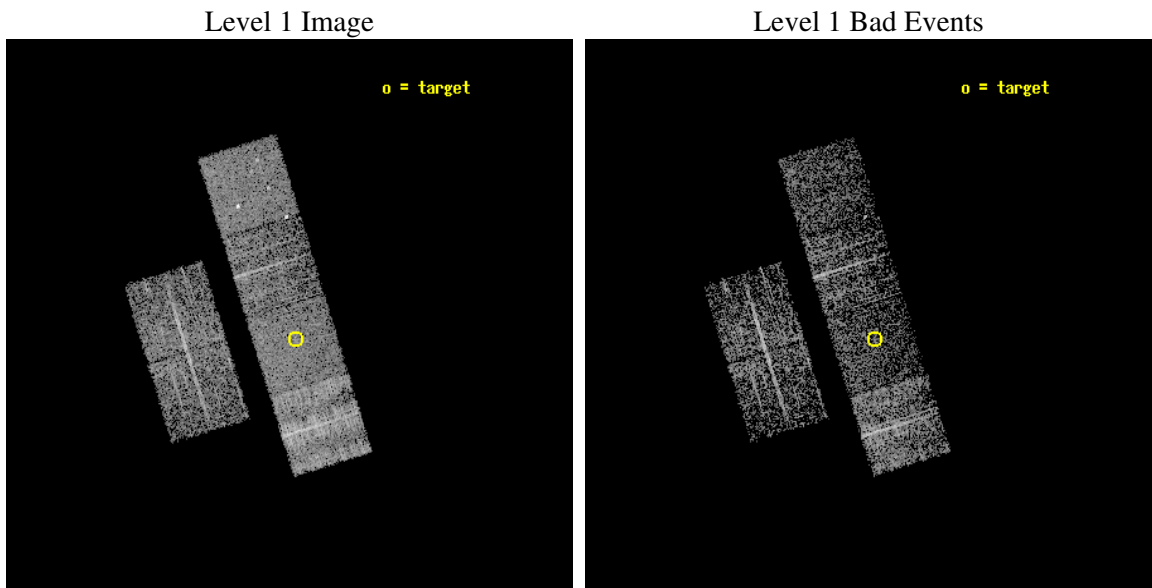
seq_num	700252
obs_id	1636
title	THE X-RAY PROPERTIES OF LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 2683
dtcycle	0
cycle	P
ra_targ	133.171667
dec_targ	33.419278
ra_nom	133.18410400749
dec_nom	33.446717891661
roll_nom	72.911369850971
revision	2
ontime	1756.8000016361
livetime	1734.5543421975
ontime2	1756.8000016361
ontime3	1756.8000016361
ontime5	1756.8000016361
ontime6	1756.8000016361
ontime7	1756.8000016361
ontime8	1753.5592009425
l2events	20834



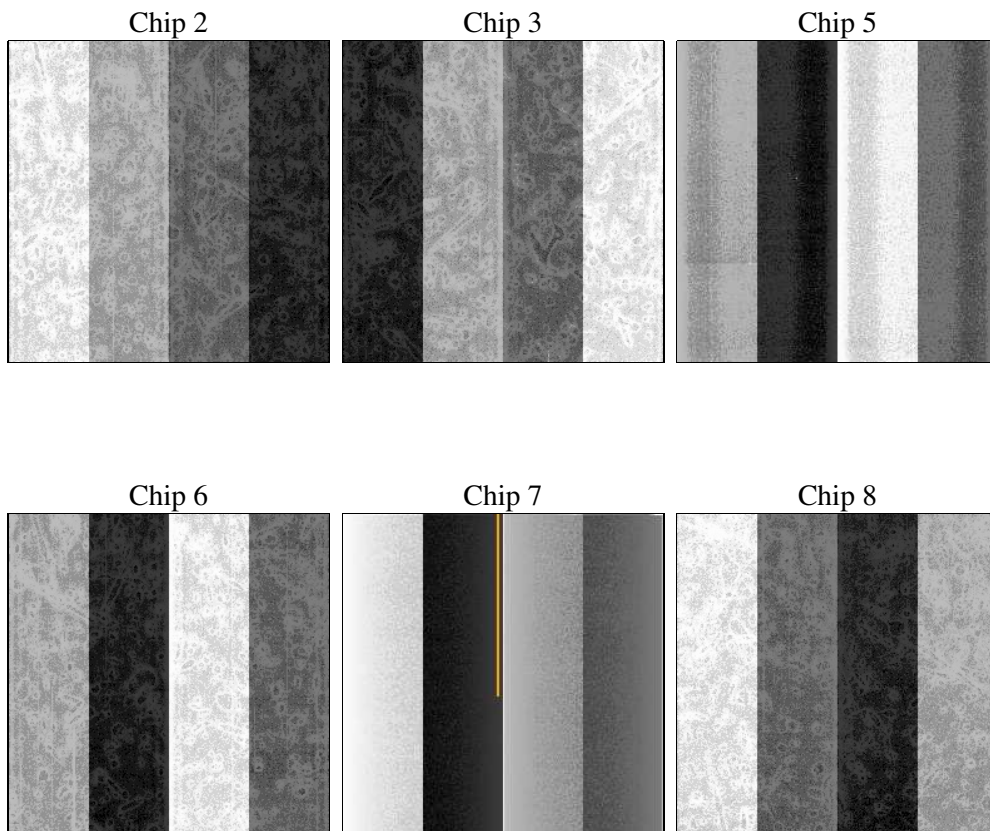
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11
caldsver	3.4.0
date	2007-08-27T20:14:47
revision	2

sched_exp_time	2000.000000
ontime	1756.8000016361
ontime2	1756.8000016361
ontime3	1756.8000016361
ontime5	1756.8000016361
ontime6	1756.8000016361
ontime7	1756.8000016361
ontime8	1753.5592009425
l1events	96726

2.1.4 Events

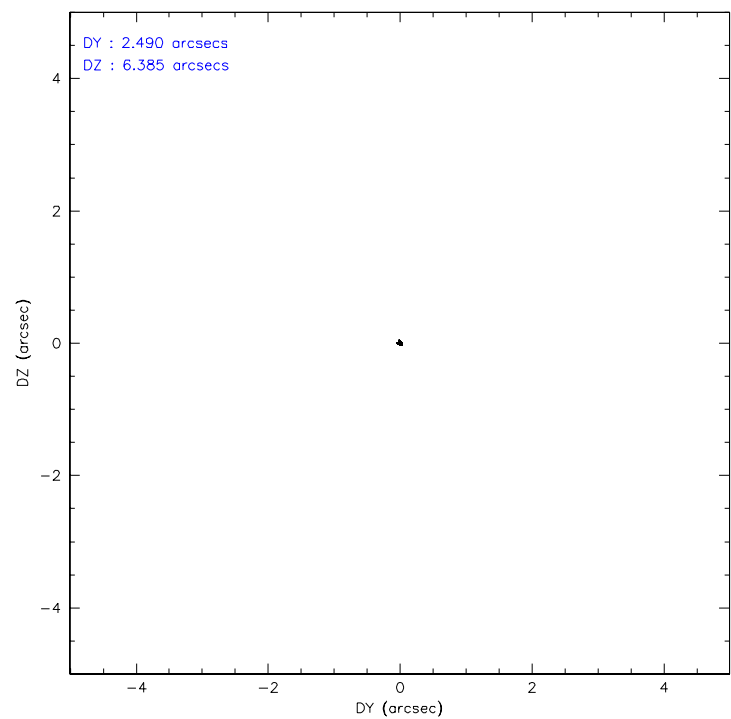
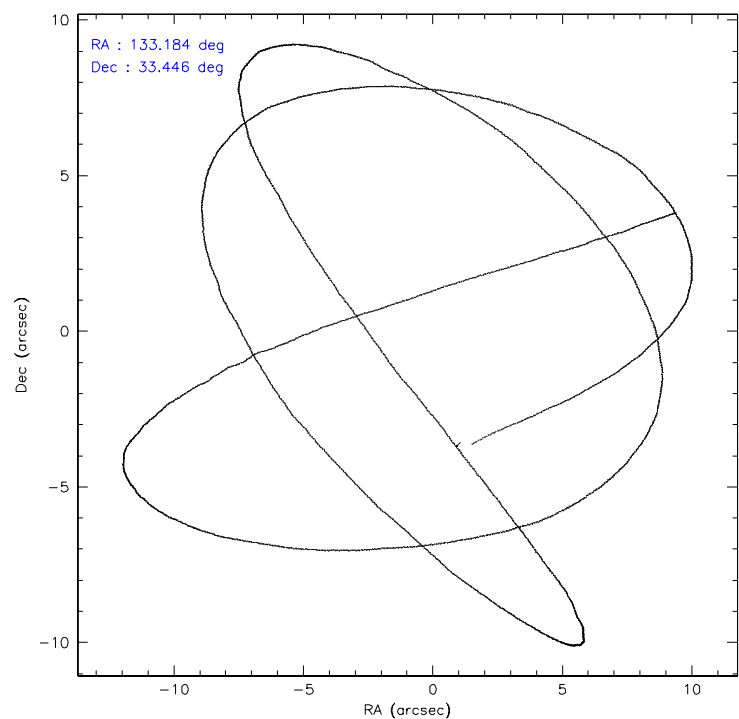
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	13770	12486	16608	13222	14666	25974
rejected events	12145	11096	8602	11626	8340	16810
rejected %	88%	88%	51%	87%	56%	64%

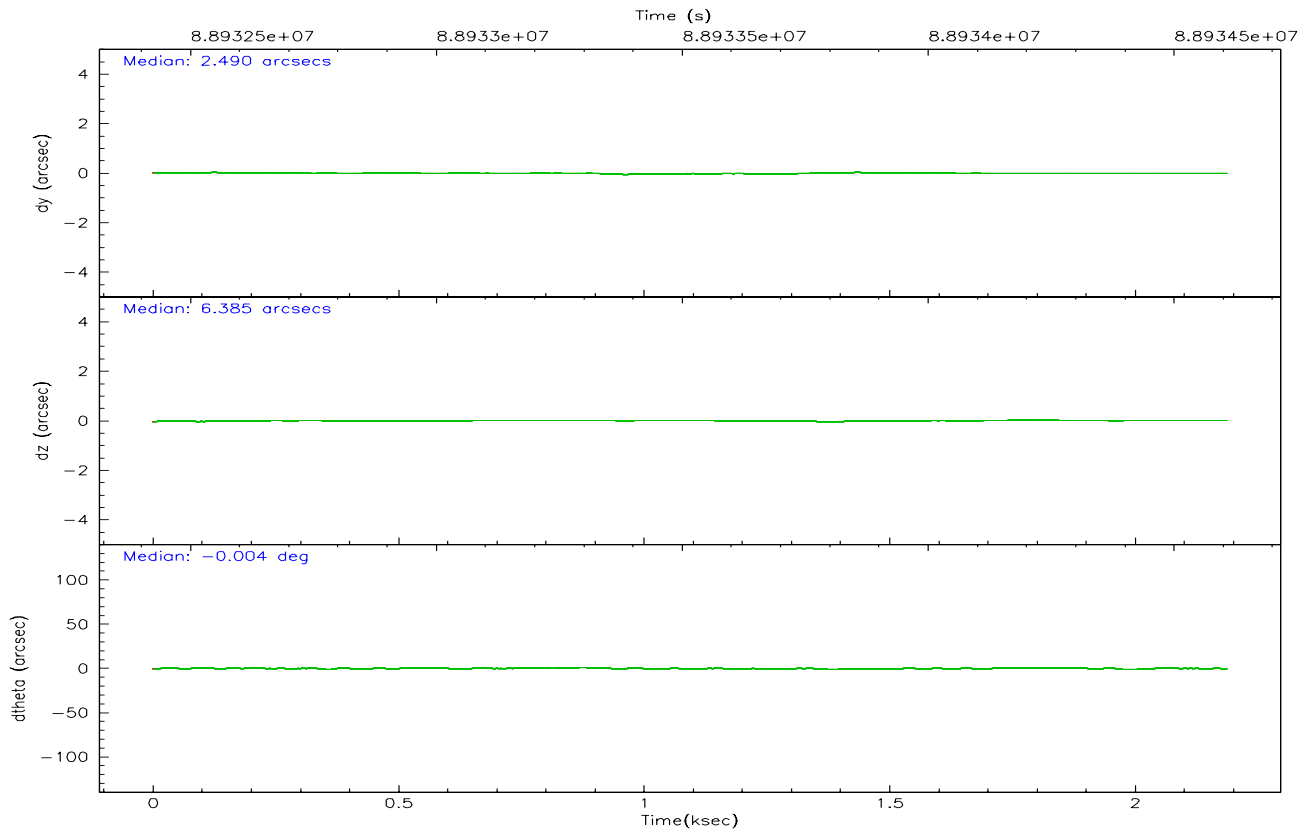
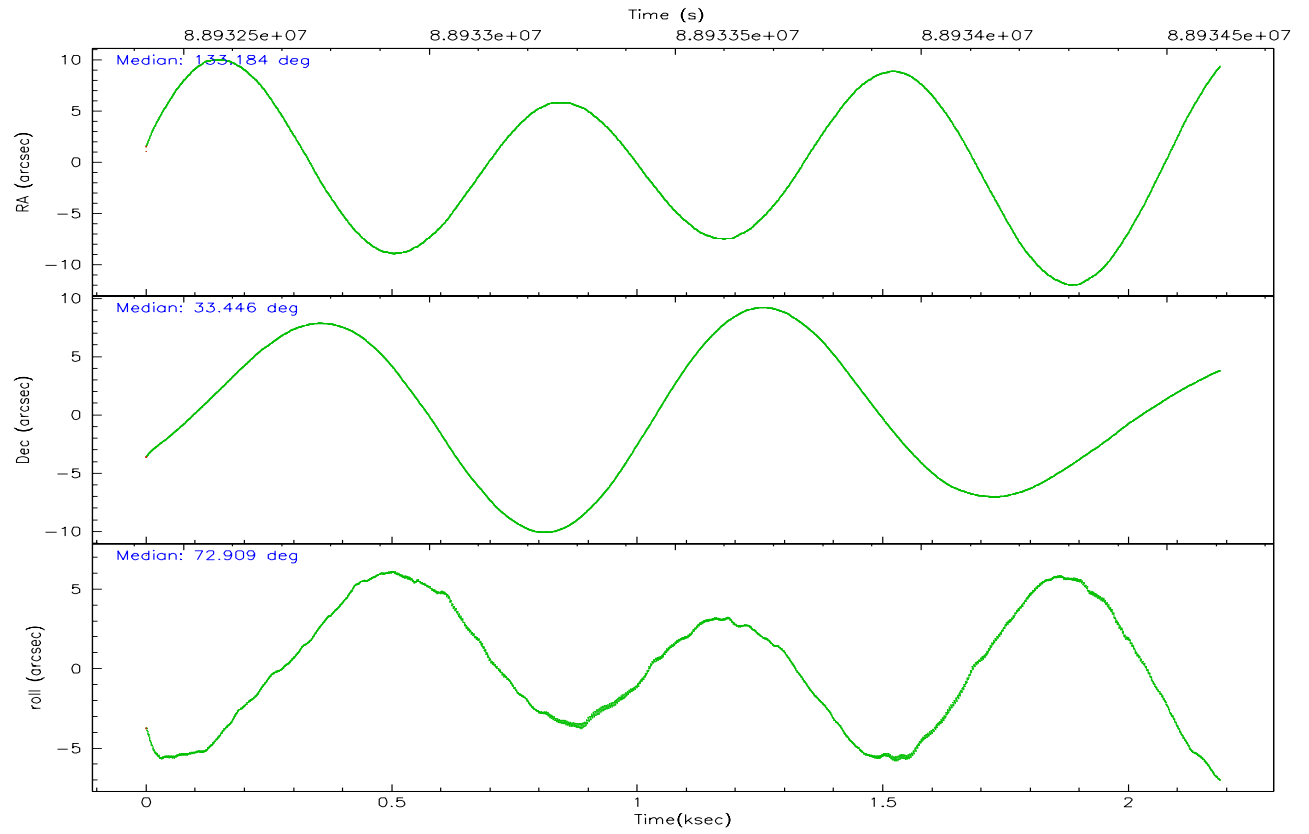
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	676	546	1383	661	648	2478
	4%	4%	8%	4%	4%	9%
grade 1 events	7	5	65	8	12	26
	0%	0%	0%	0%	0%	0%
grade 2 events	376	330	2121	388	1305	1473
	2%	2%	12%	2%	8%	5%
grade 3 events	122	104	362	124	582	1503
	0%	0%	2%	0%	3%	5%
grade 4 events	157	133	391	113	556	1303
	1%	1%	2%	0%	3%	5%
grade 5 events	380	409	1270	462	1377	655
	2%	3%	7%	3%	9%	2%
grade 6 events	301	283	3780	316	3255	2430
	2%	2%	22%	2%	22%	9%
grade 7 events	11751	10676	7236	11150	6931	16106
	85%	85%	43%	84%	47%	62%

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	133.191605	133.1841040074926	Subarray requested	NONE	NONE
Pointing Dec	33.420042	33.44671789166082	Alternating exposures requested	N	N
Pointing Roll	72.750610	72.91136985097086	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	88932611.184000	88932174.40666801			
Observation start date	2000-10-26T07:29:07	2000-10-26T07:22:54			
Observation end time	88934611.184000	88935051.069277			
Observation end date	2000-10-26T08:02:27	2000-10-26T08:10:51			
Read mode	TIMED	TIMED			

2.3 Aspect



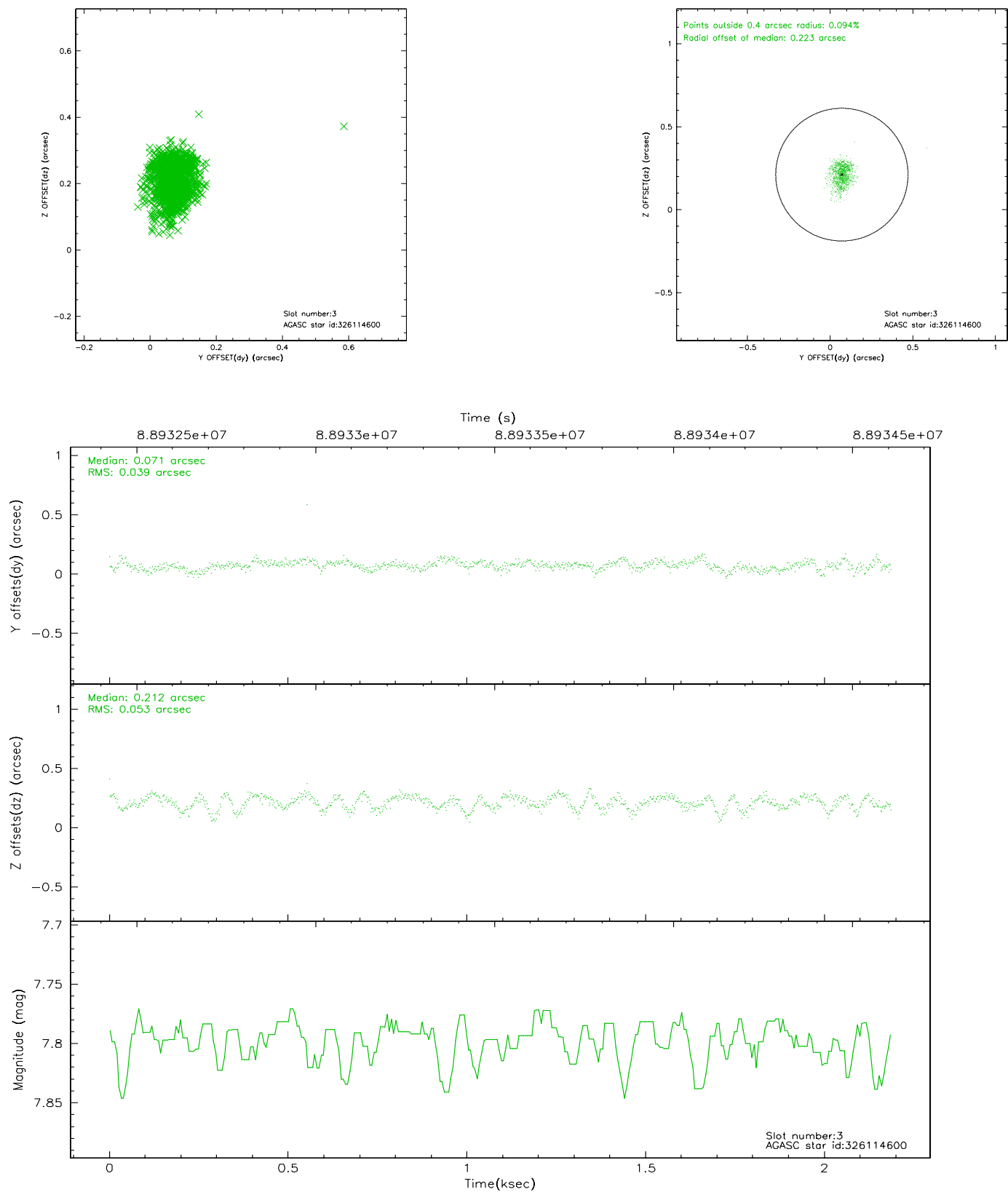


Slot Statistics

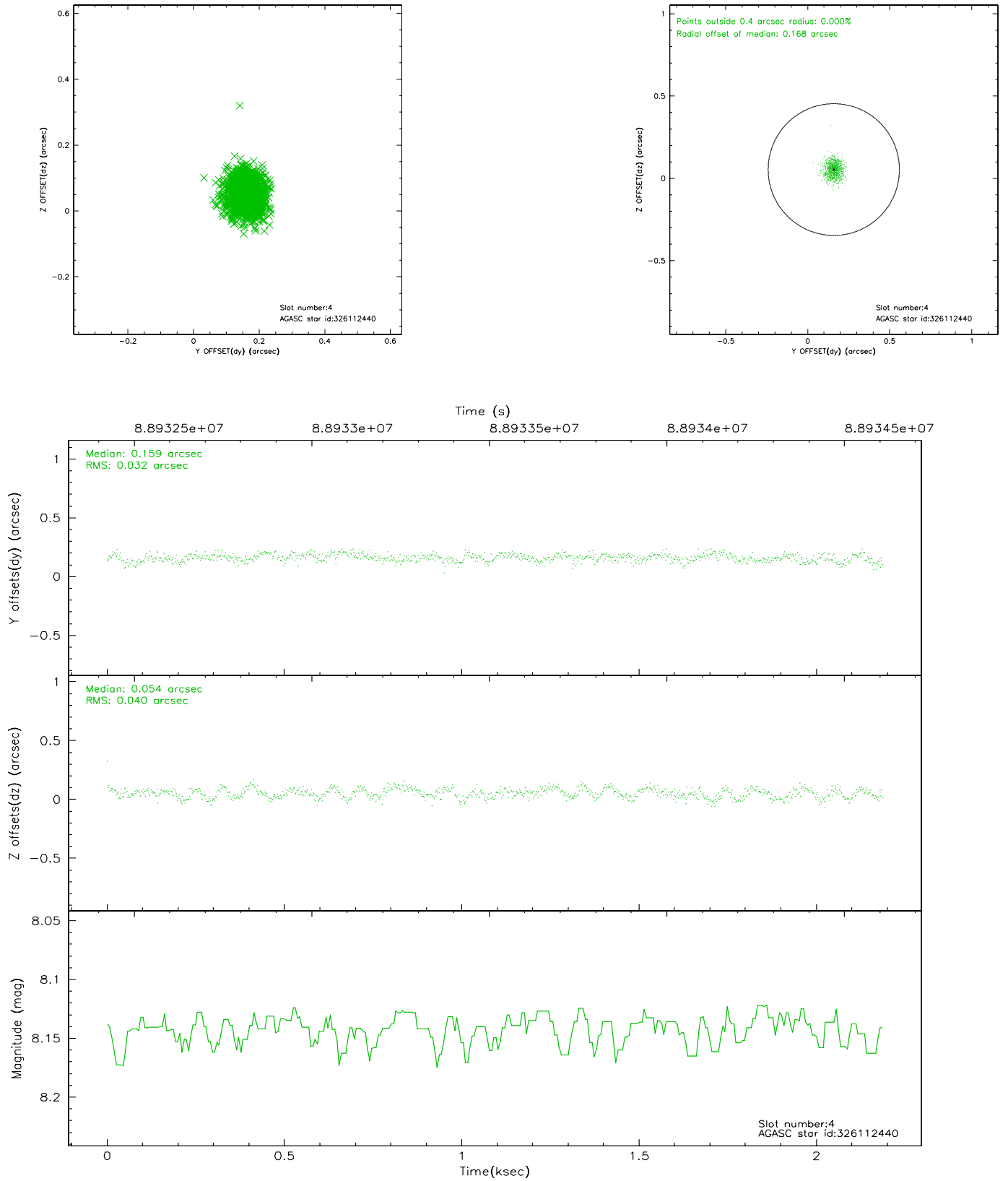
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	534	-0.012	0.041	0.007	0.013	0.000000	0.000000	-755.12	-1727.50
1	FID	ACIS-S-4	7.20	534	-0.080	-0.005	0.007	0.017	0.000000	0.000000	2156.74	177.88
2	FID	ACIS-S-5	7.23	533	0.060	-0.027	0.007	0.014	0.000000	0.000000	-1804.05	174.90
3	GUIDE	326114600	7.80	1068	0.071	0.212	0.069	0.109	133.744955	32.743837	-1822.76	-2320.72
4	GUIDE	326112440	8.14	1068	0.159	0.054	0.055	0.086	133.461686	33.056810	-1006.78	-1167.88
5	GUIDE	326119712	8.95	1068	0.146	-0.046	0.068	0.103	132.831789	33.224884	-990.39	825.82
6	GUIDE	326114272	8.86	1067	-0.231	-0.067	0.073	0.113	132.911406	34.189246	2398.01	1619.16
7	GUIDE	326115136	8.90	1067	-0.143	-0.146	0.068	0.108	132.826117	34.154560	2207.31	1826.02

2.4 Star Slots

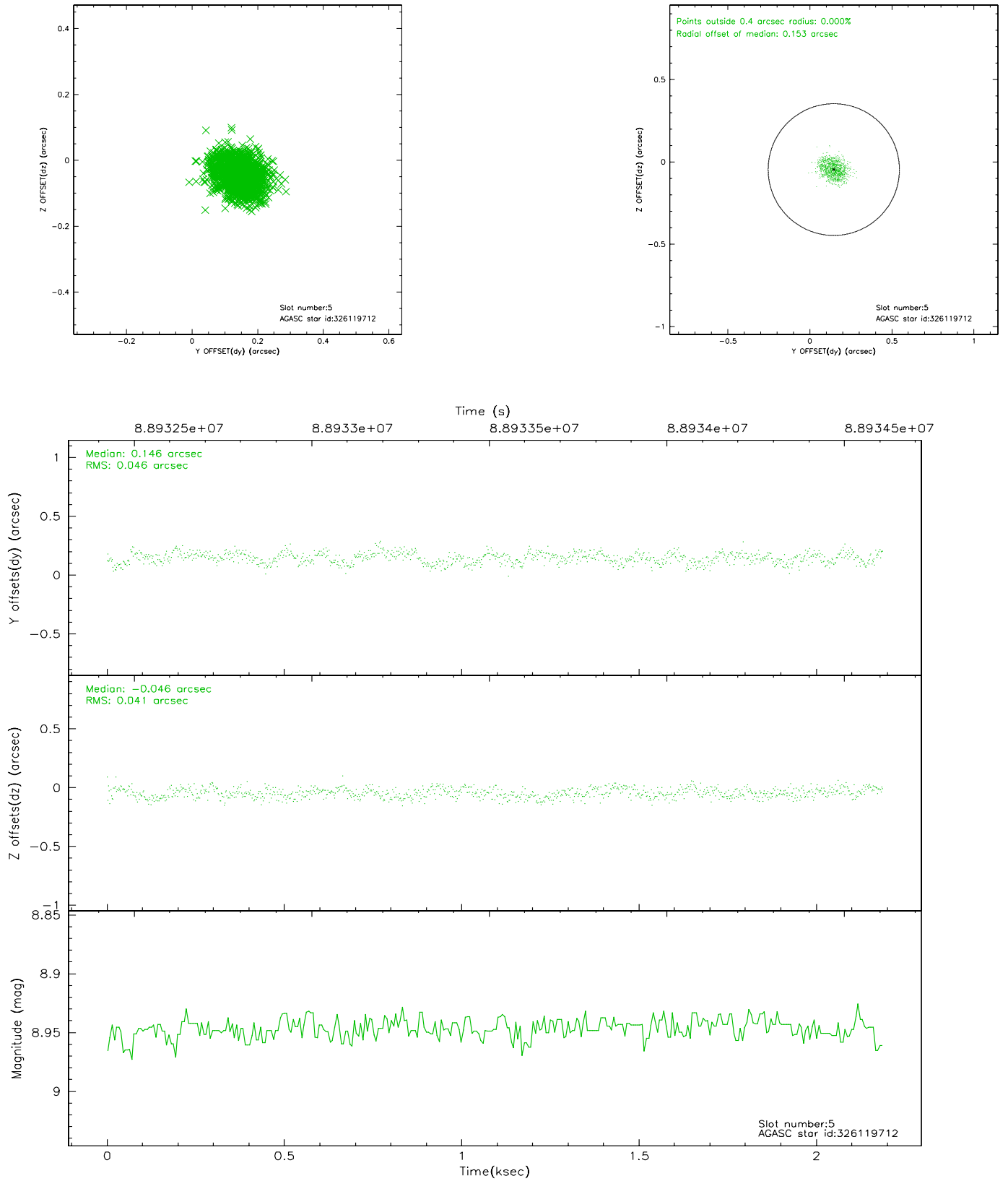
2.4.1 Slot 3



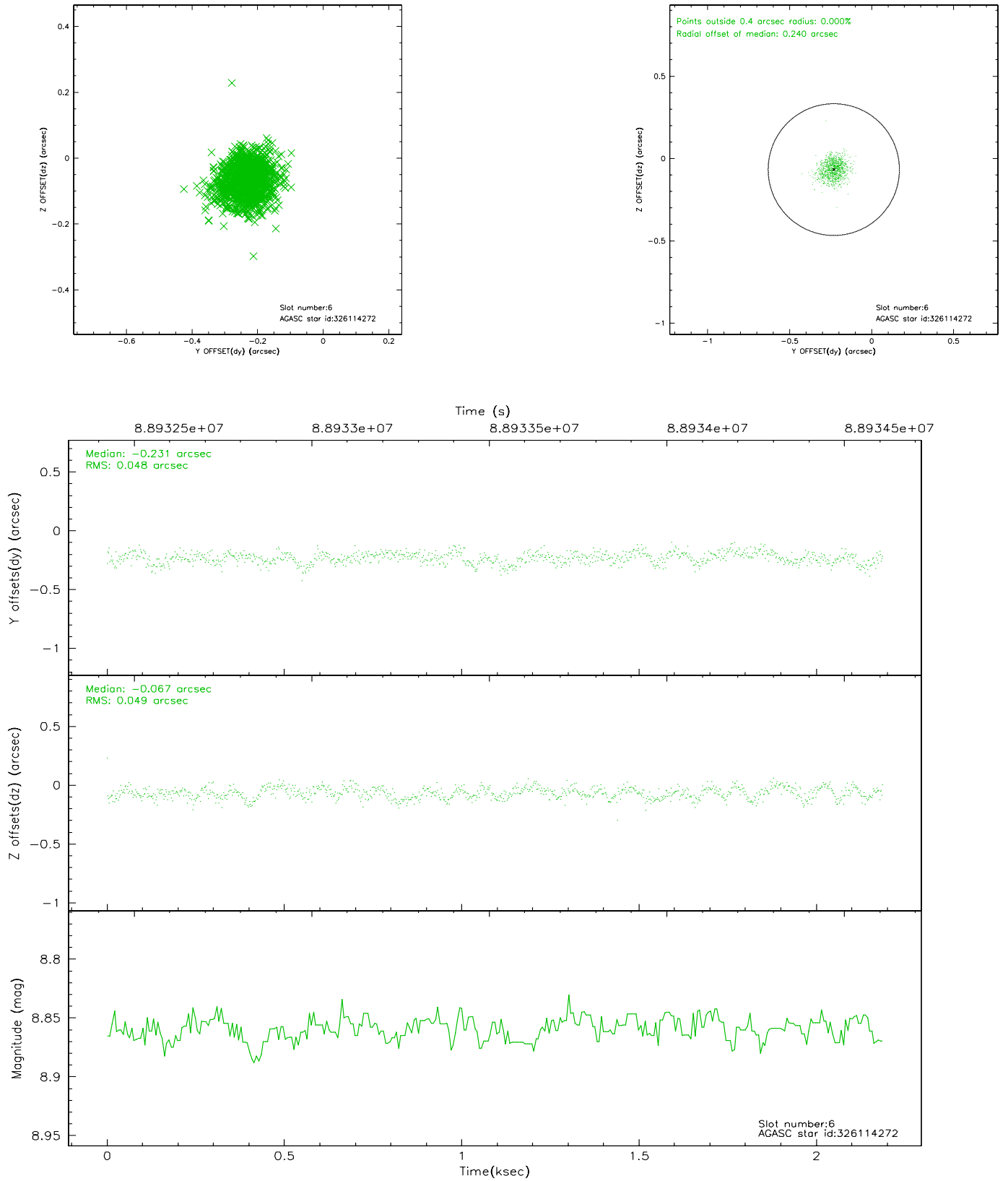
2.4.2 Slot 4



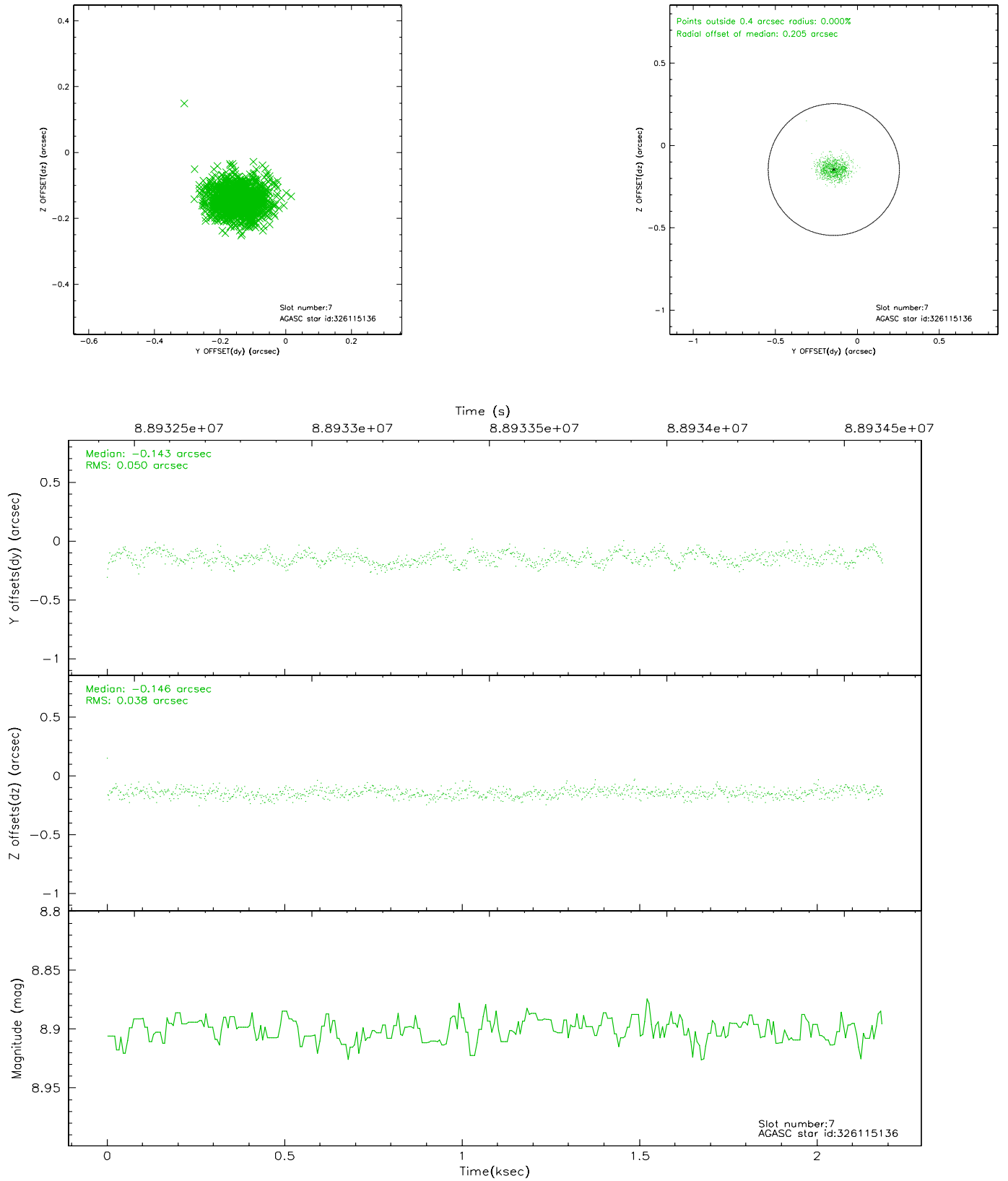
2.4.3 Slot 5



2.4.4 Slot 6

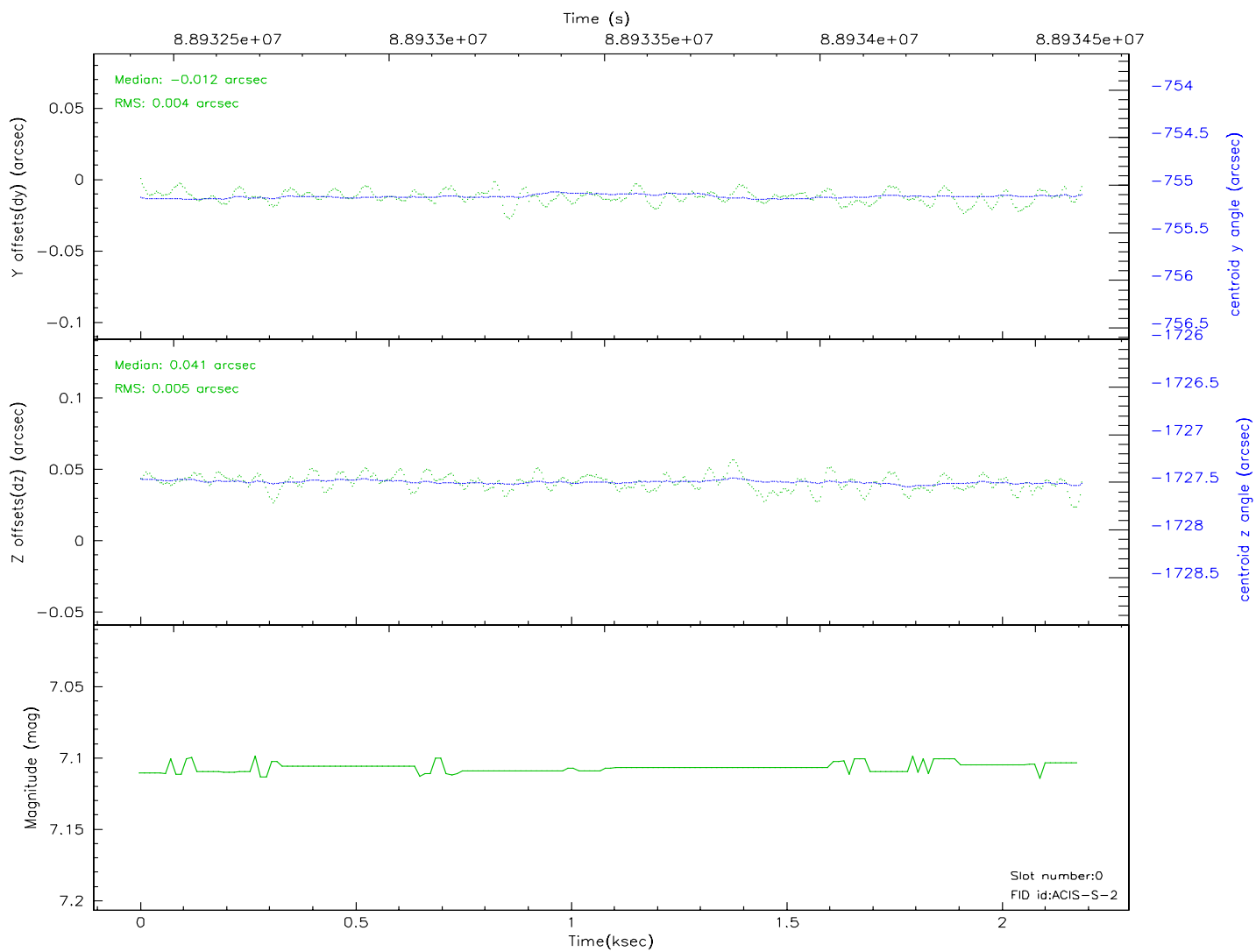
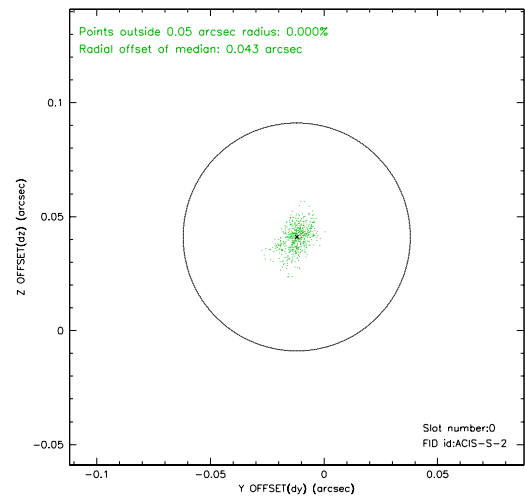
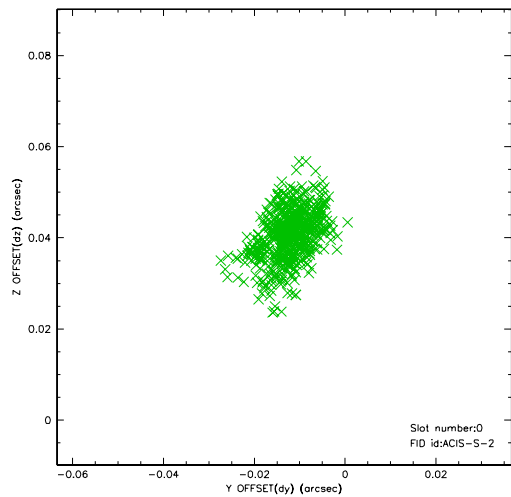


2.4.5 Slot 7

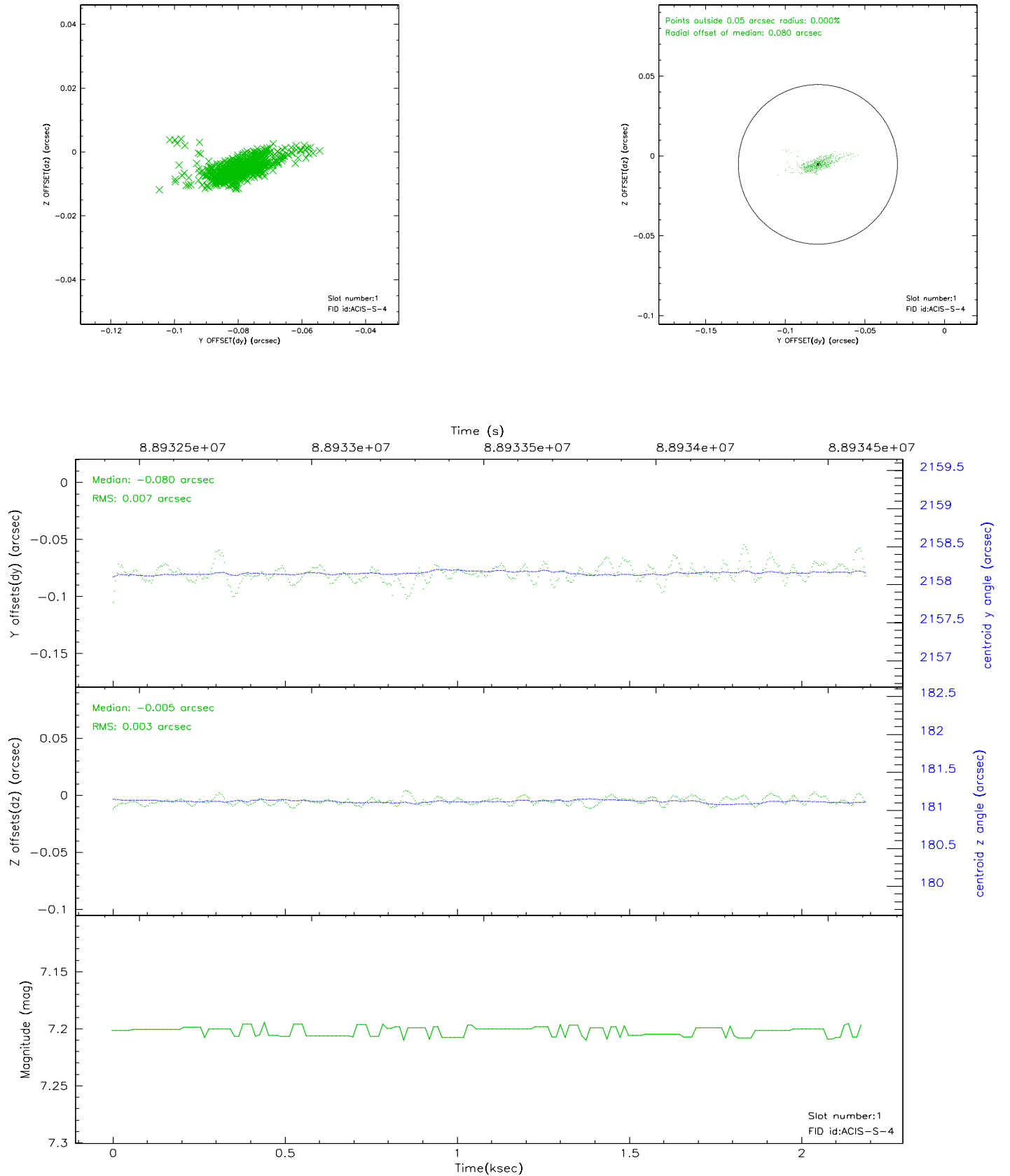


2.5 FID Slots

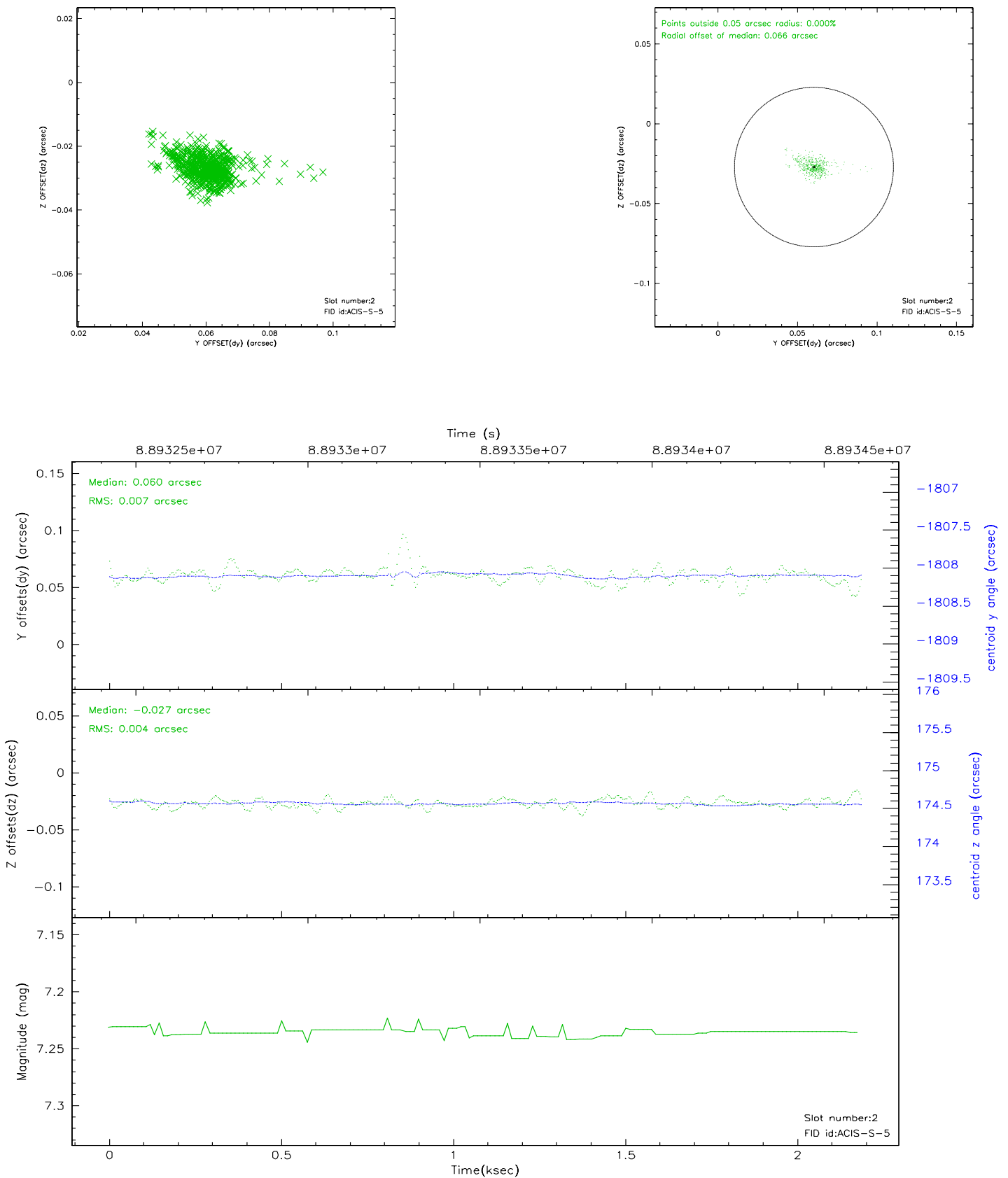
2.5.1 Slot 0



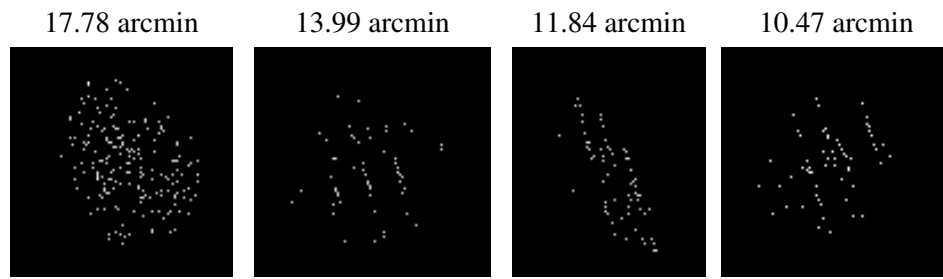
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.76

A.2 Comments