

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 415 - L2 Version 001
Chandra X-Ray Center

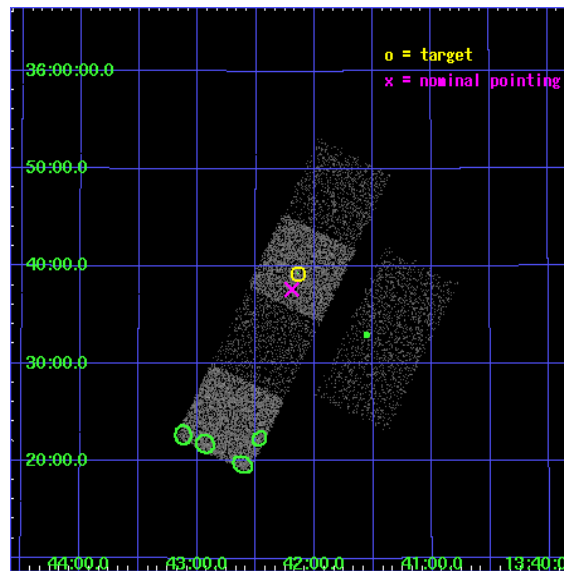
L2 Processing Date : Jun 6 2007

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1 Front

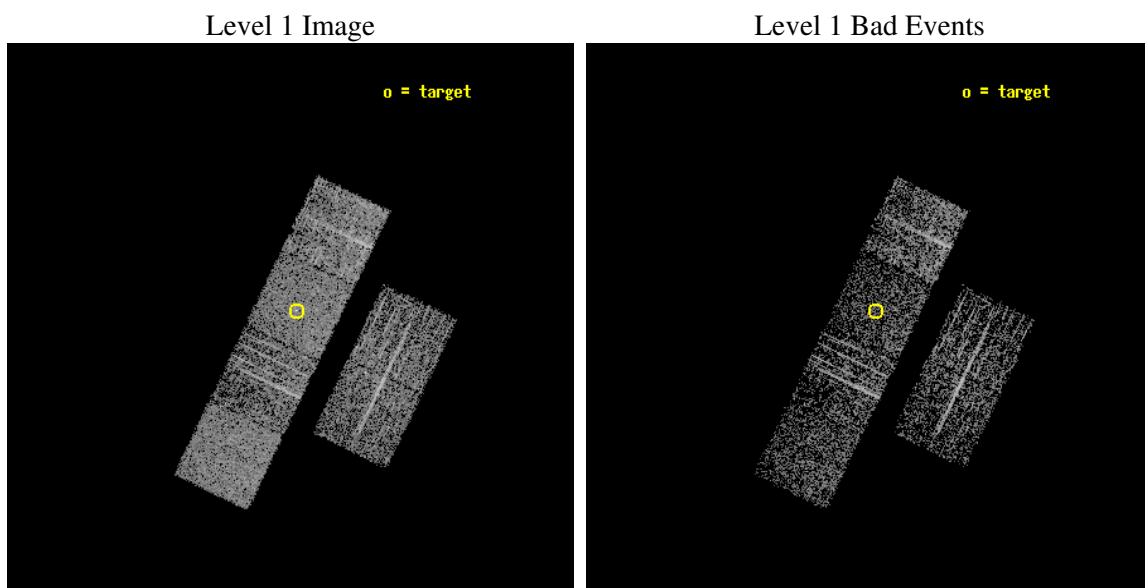
seq_num	700087
obs_id	415
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 5273
dtcycle	0
cycle	P
ra_targ	205.534583
dec_targ	35.654167
ra_nom	205.54825706101
dec_nom	35.627179128248
roll_nom	295.79033575441
revision	2
ontime	1753.6000016332
livetime	1731.3948625213
ontime2	1753.6000016332
ontime3	1753.6000016332
ontime5	1753.6000016332
ontime6	1753.6000016332
ontime7	1753.6000016332
ontime8	1750.3590713292
l2events	15567



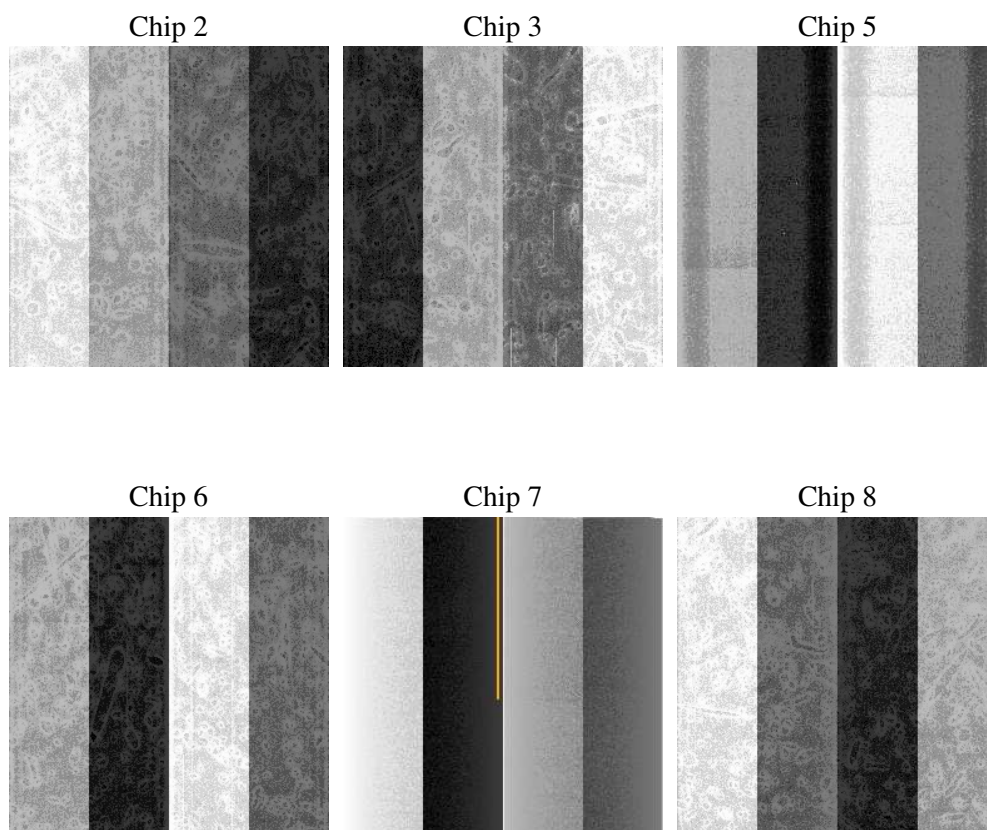
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-06T15:56:00
revision	2

sched_exp_time	2000.000000
ontime	1753.6000016332
ontime2	1753.6000016332
ontime3	1753.6000016332
ontime5	1753.6000016332
ontime6	1753.6000016332
ontime7	1753.6000016332
ontime8	1750.3590713292
l1events	74107

2.1.4 Events

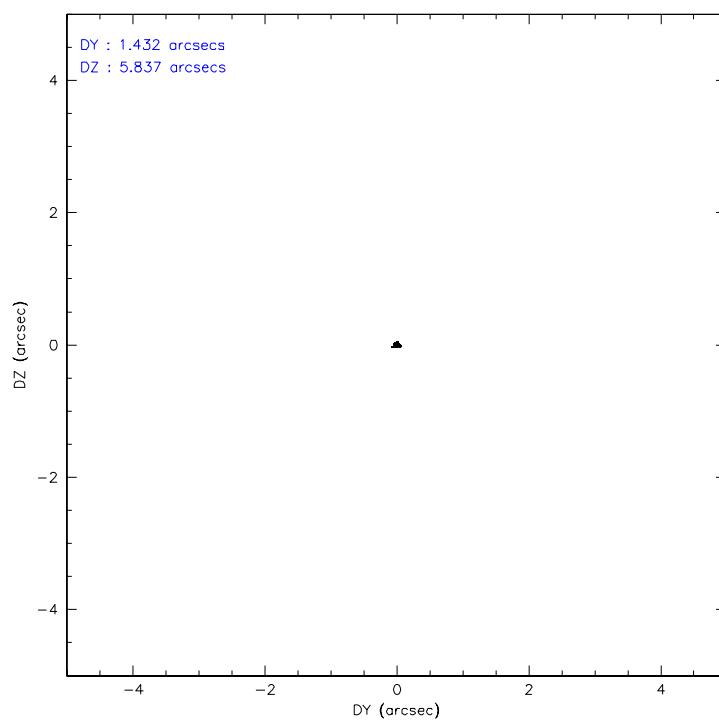
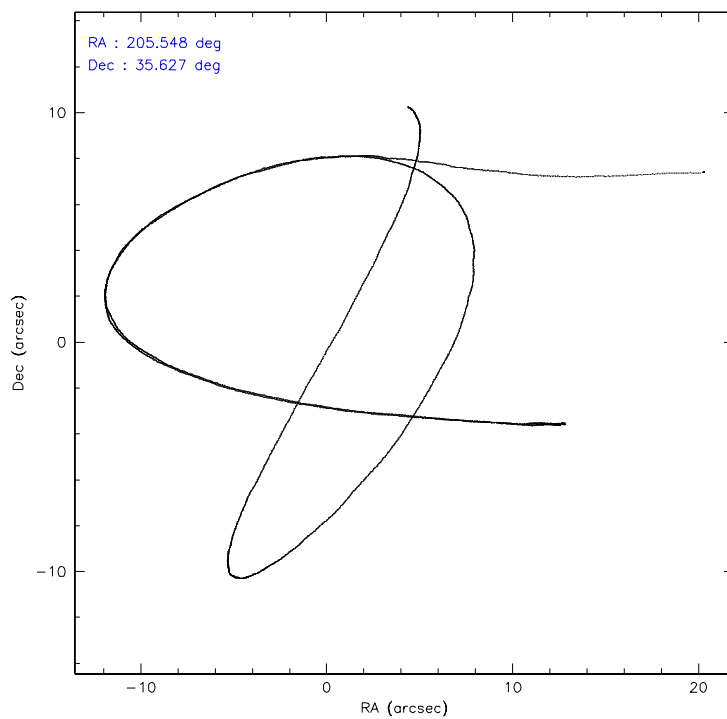
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9950	10767	13854	11166	12970	15400
rejected events	8842	9596	7551	9971	7551	12804
rejected %	88%	89%	54%	89%	58%	83%

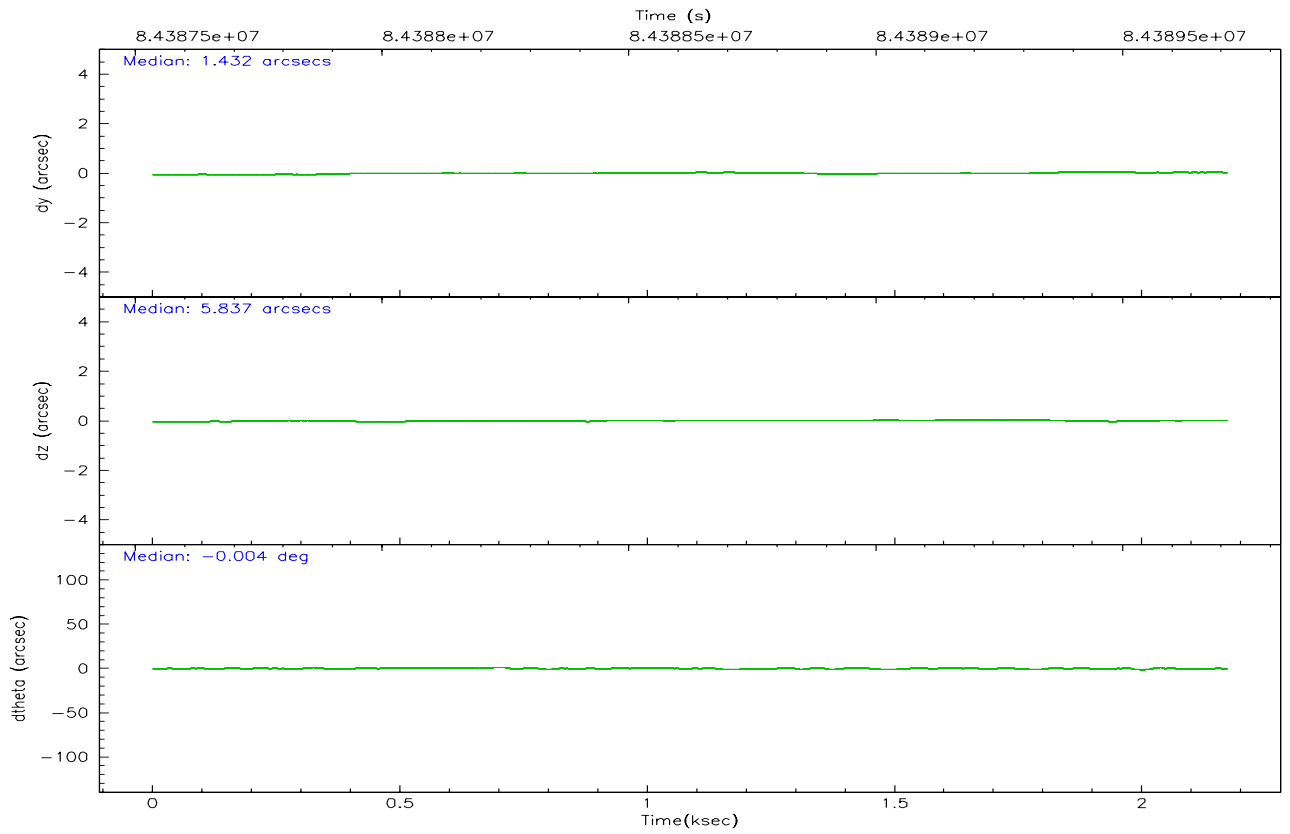
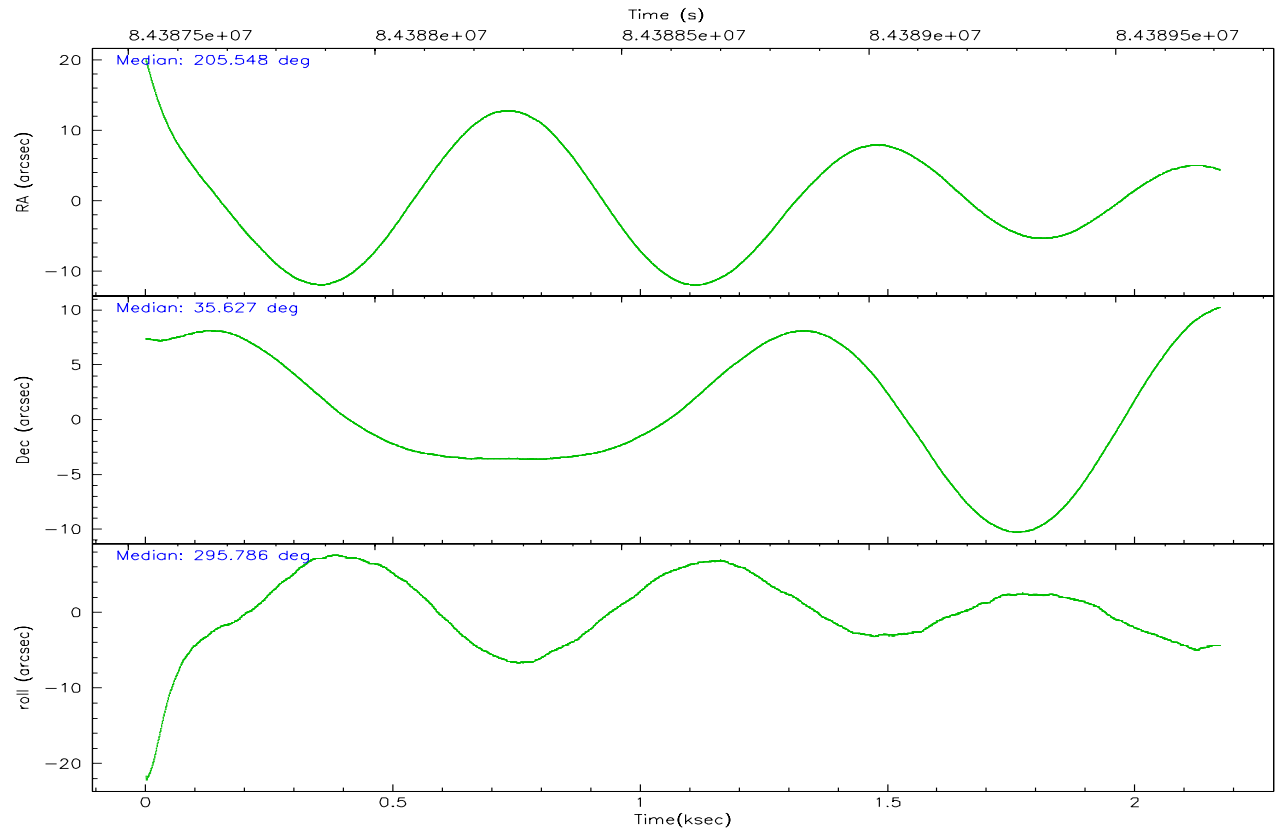
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	479	498	532	496	580	815
	4%	4%	3%	4%	4%	5%
grade 1 events	3	5	14	3	13	14
	0%	0%	0%	0%	0%	0%
grade 2 events	247	227	1828	243	1094	518
	2%	2%	13%	2%	8%	3%
grade 3 events	88	115	307	111	493	311
	0%	1%	2%	0%	3%	2%
grade 4 events	105	124	276	108	532	274
	1%	1%	1%	0%	4%	1%
grade 5 events	320	365	1127	431	1253	488
	3%	3%	8%	3%	9%	3%
grade 6 events	191	210	3369	241	2742	684
	1%	1%	24%	2%	21%	4%
grade 7 events	8517	9223	6401	9533	6263	12296
	85%	85%	46%	85%	48%	79%

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	205.520220	205.5482570610095	Subarray requested	NONE	NONE
Pointing Dec	35.642279	35.62717912824842	Alternating exposures requested	N	N
Pointing Roll	295.650110	295.7903357544072	Primary exposure time	3.200000	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	84387710.184000	84386845.56035601			
Observation start date	2000-09-03T17:00:46	2000-09-03T16:47:25			
Observation end time	84389710.184000	84390249.585484			
Observation end date	2000-09-03T17:34:06	2000-09-03T17:44:09			
Read mode	TIMED	TIMED			

2.3 Aspect



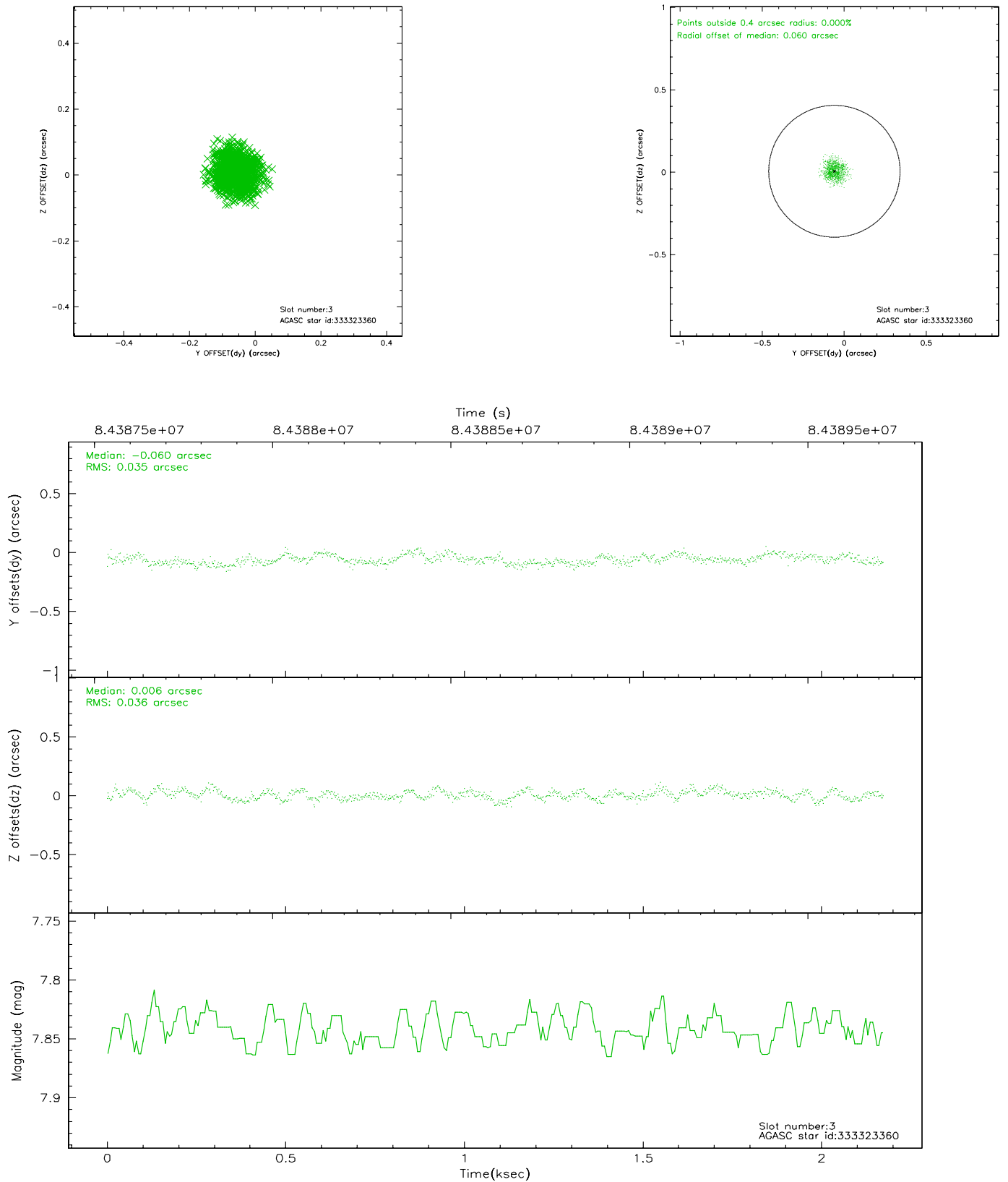


Slot Statistics

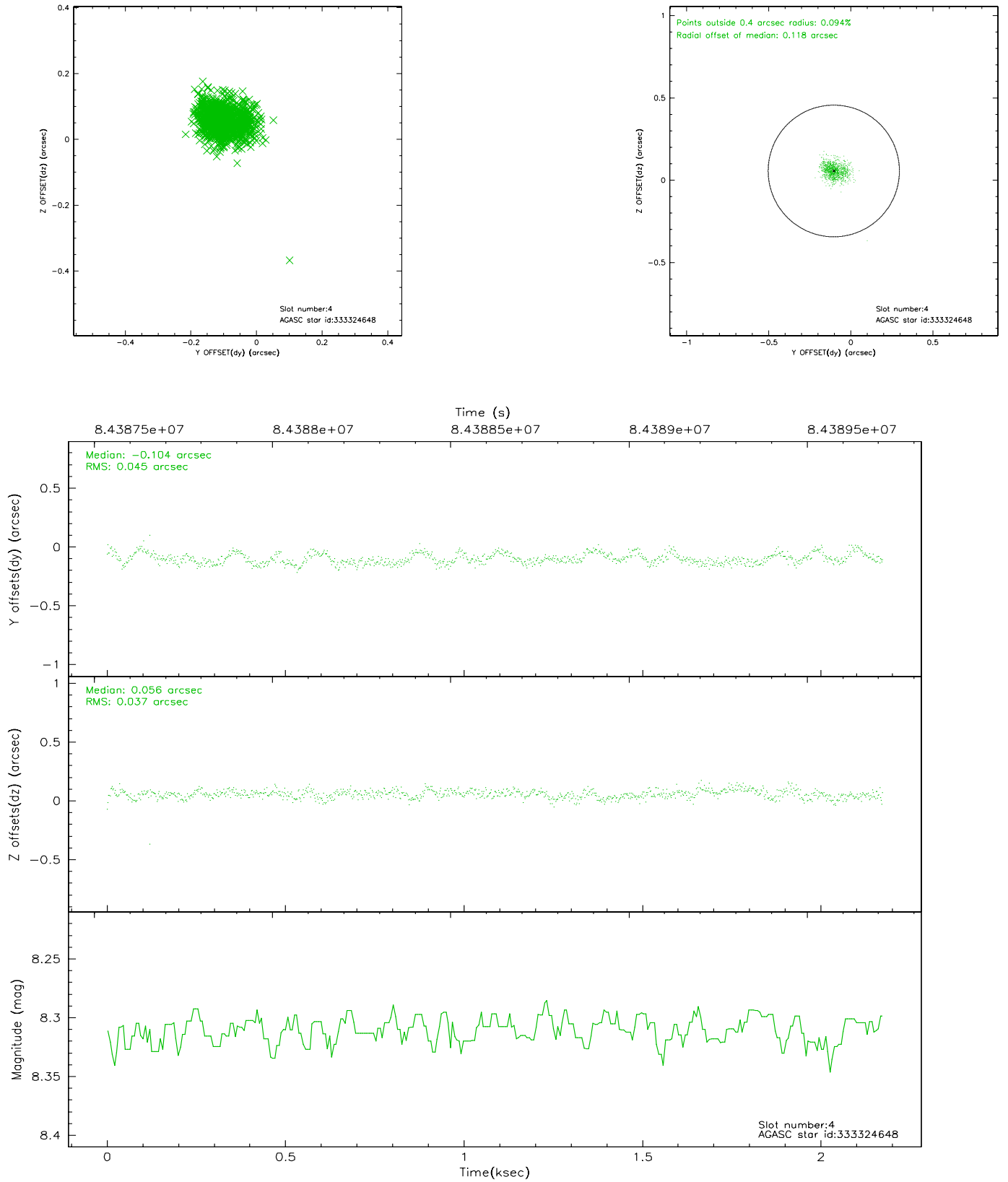
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	529	-0.022	0.039	0.006	0.011	0.000000	0.000000	-754.04	-1726.94
1	FID	ACIS-S-4	7.21	530	-0.073	0.000	0.005	0.010	0.000000	0.000000	2157.82	178.43
2	FID	ACIS-S-5	7.23	530	0.064	-0.030	0.006	0.010	0.000000	0.000000	-1802.94	175.46
3	GUIDE	333323360	7.84	1061	-0.060	0.006	0.055	0.086	205.910143	35.714872	256.29	1142.02
4	GUIDE	333324648	8.31	1061	-0.104	0.056	0.060	0.097	205.047424	35.053146	1306.80	-2170.99
5	GUIDE	333322640	8.37	1061	0.073	-0.033	0.051	0.081	205.896539	35.346034	1439.77	533.91
6	GUIDE	333322112	8.86	1059	-0.023	-0.045	0.066	0.107	205.567384	36.105999	-1443.59	847.14
7	GUIDE	333323792	9.67	1060	0.111	0.017	0.085	0.135	205.542672	35.288456	1176.28	-490.51

2.4 Star Slots

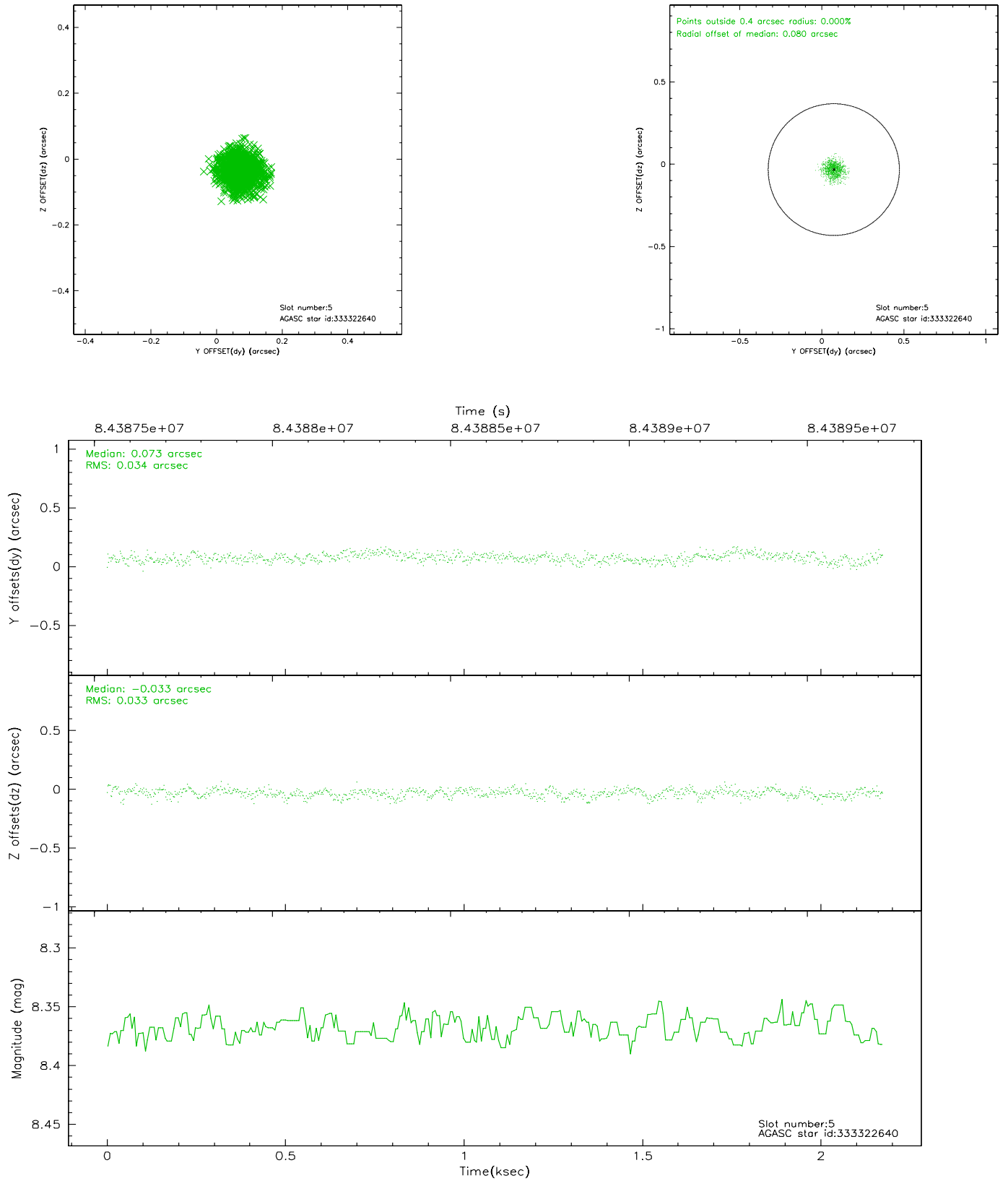
2.4.1 Slot 3



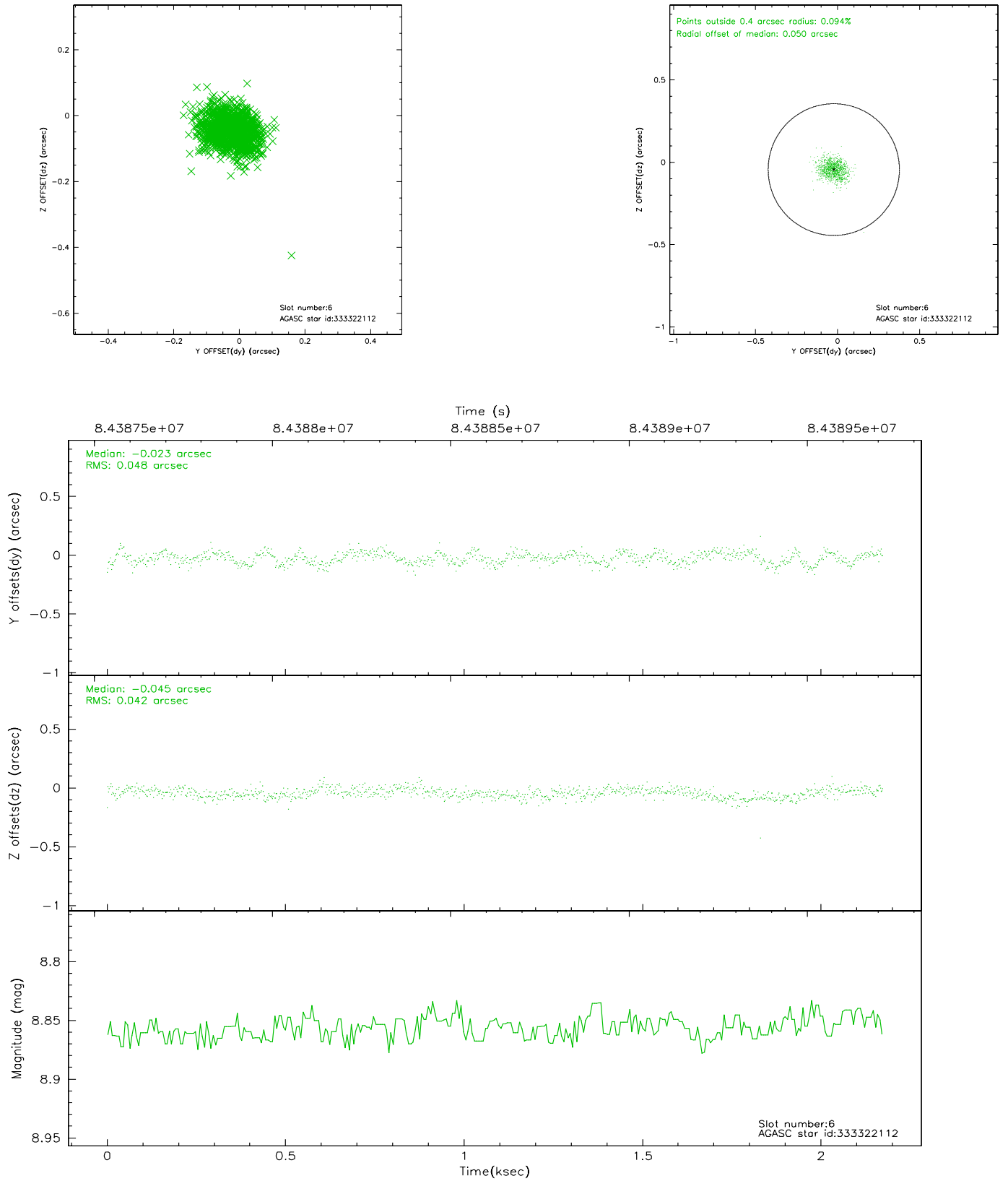
2.4.2 Slot 4



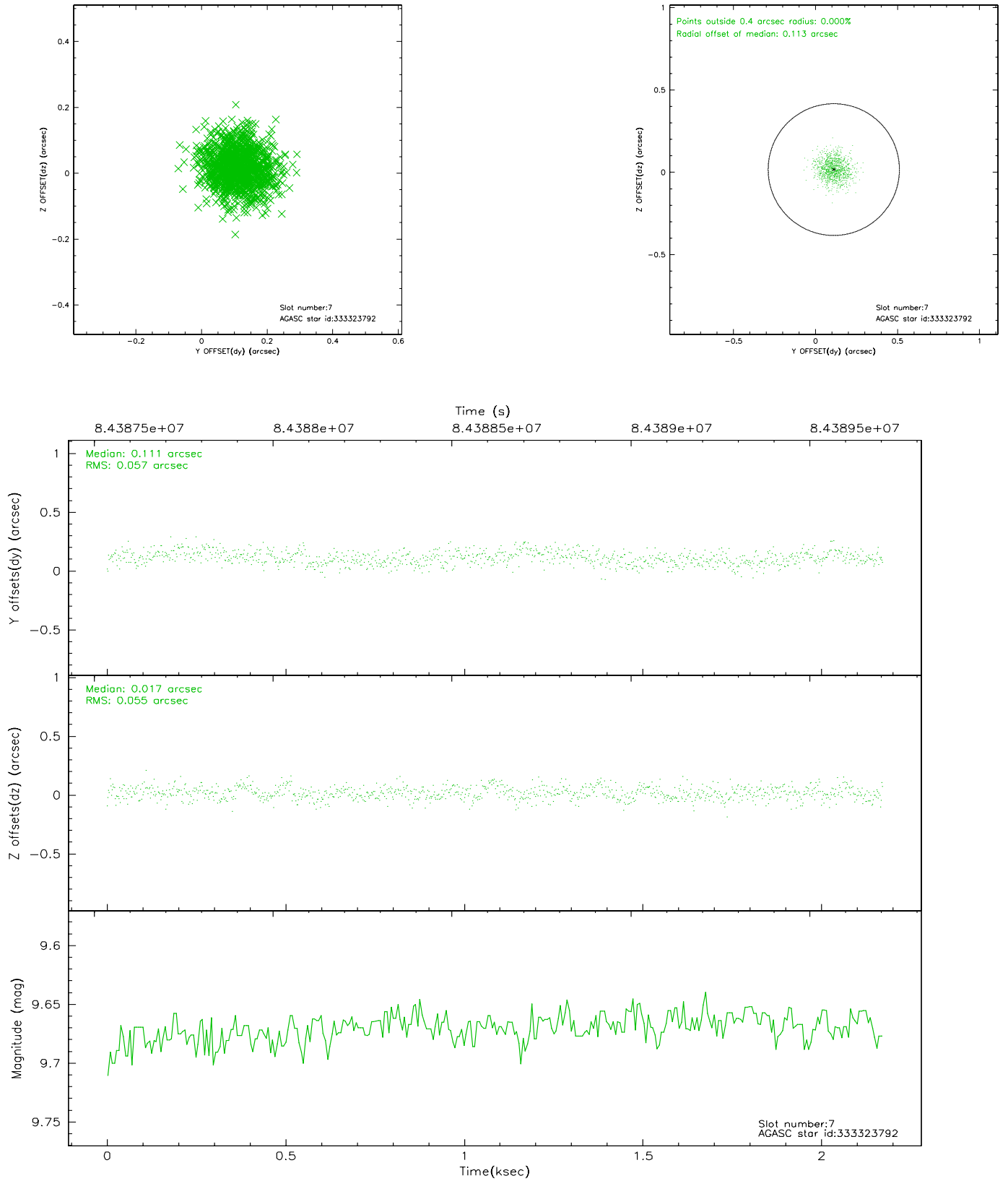
2.4.3 Slot 5



2.4.4 Slot 6

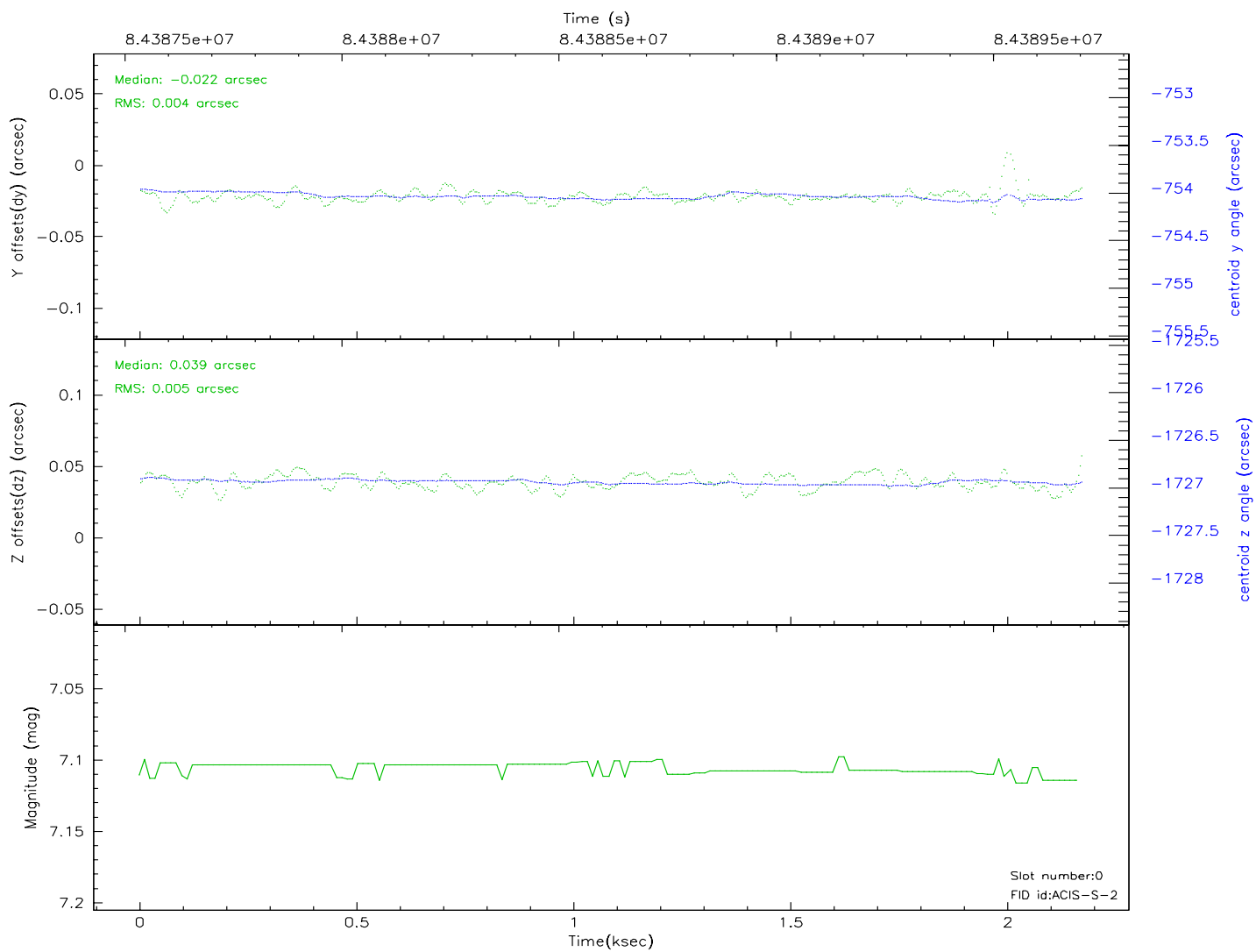
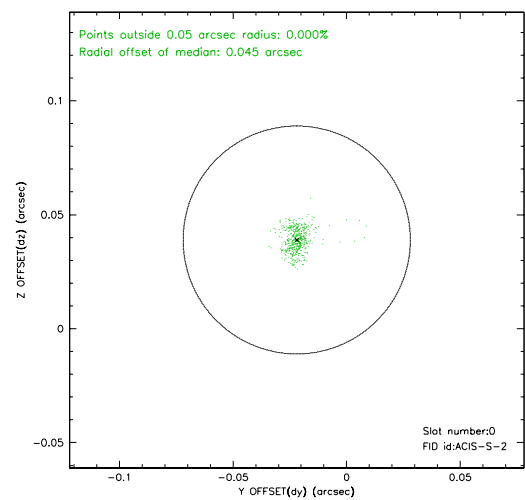
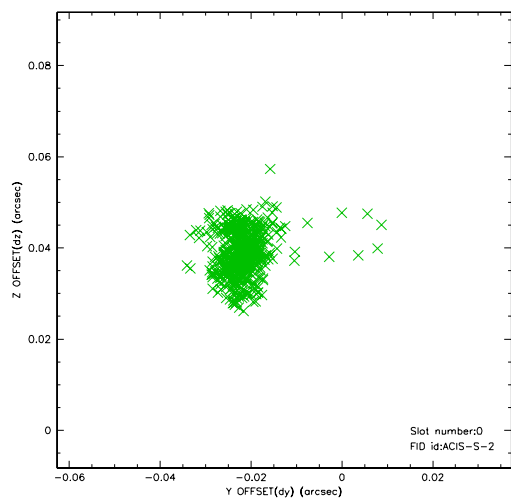


2.4.5 Slot 7

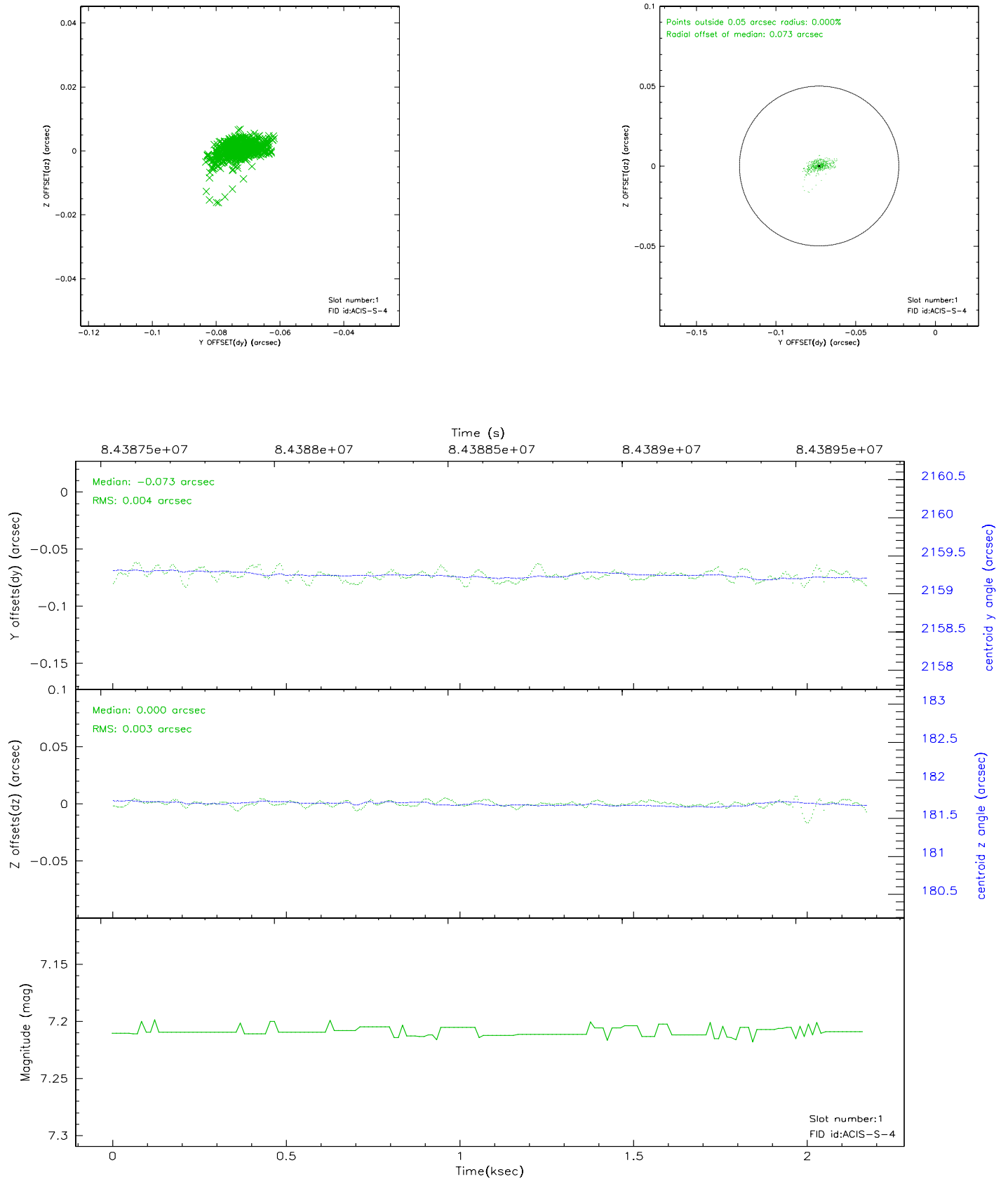


2.5 FID Slots

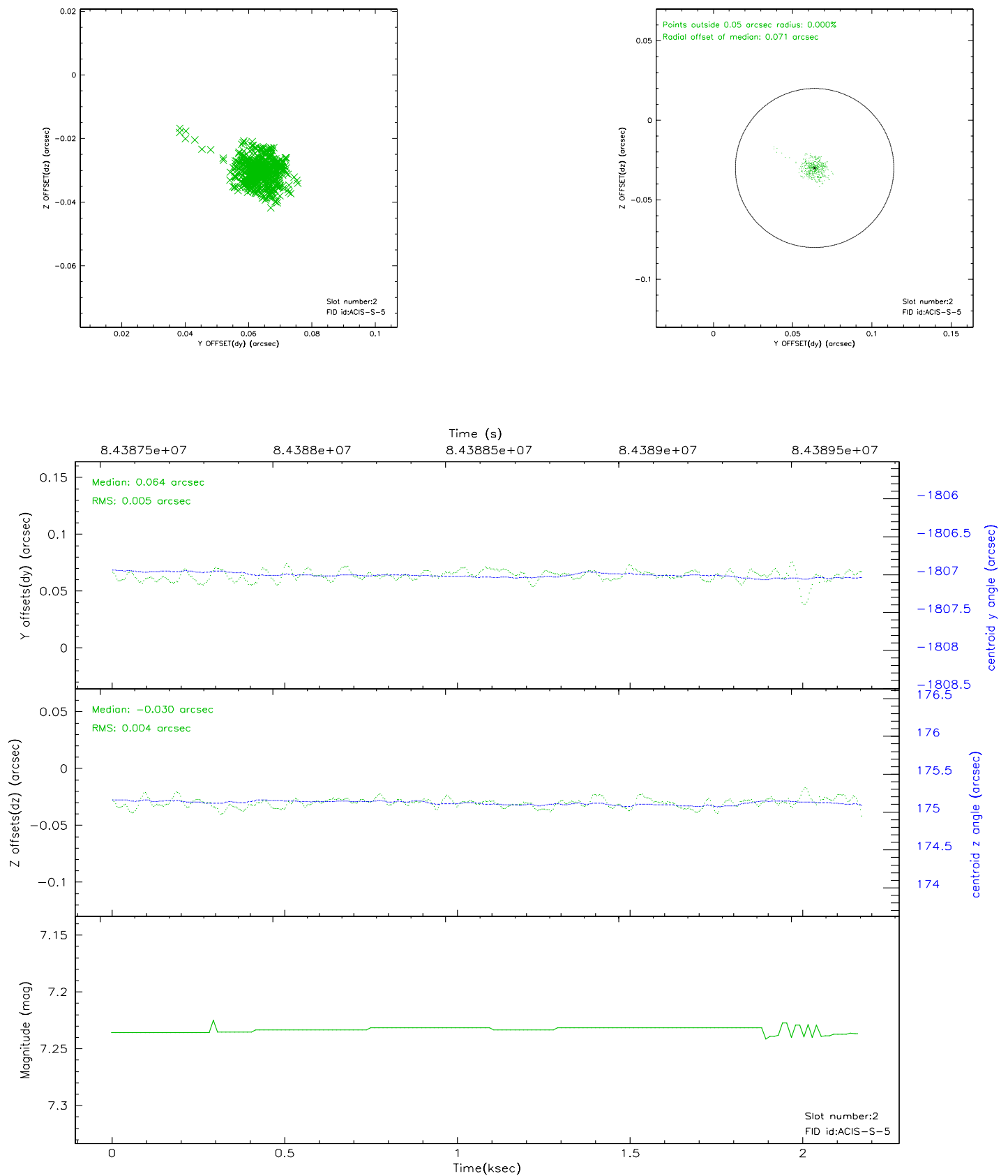
2.5.1 Slot 0



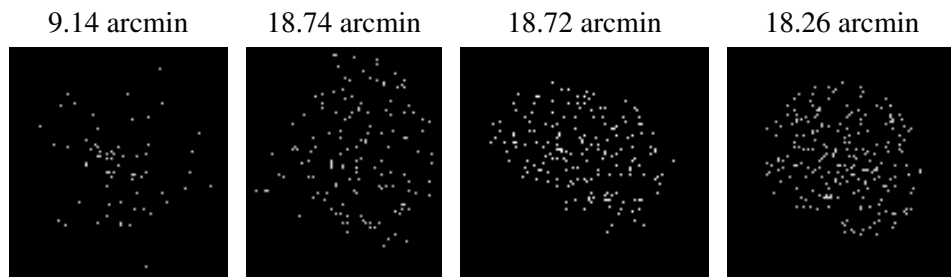
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.756

A.2 Comments