

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 796 - L2 Version 001
Chandra X-Ray Center

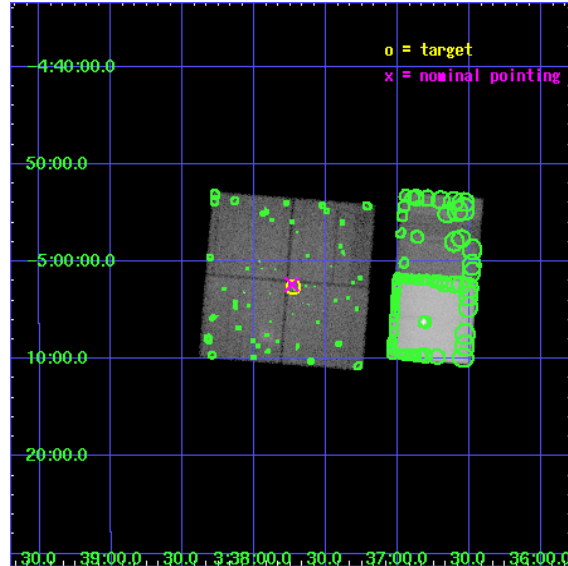
L2 Processing Date : Jun 6 2007

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

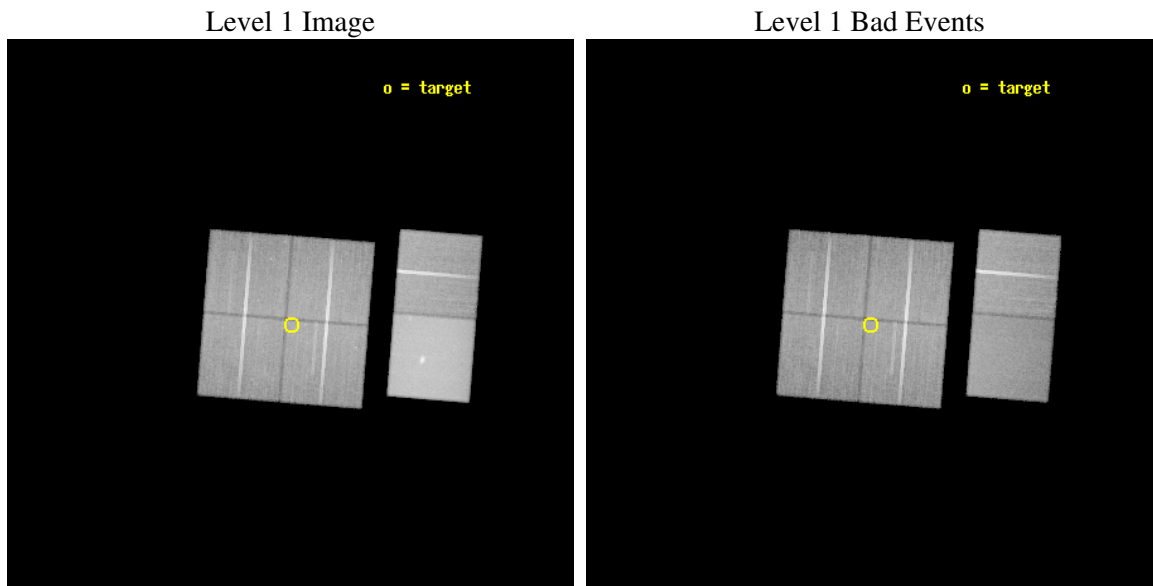
seq_num	600099
obs_id	796
title	THE X-RAY EMISSION OF THE NEARLY PRIMORDIAL BLUE COMPACT DWARF GALAXY SBS 0335-052
observer	PROF. TRINH THUAN
object	SBS 0335-052
dtcycle	0
cycle	P
ra_targ	54.433333
dec_targ	-5.044167
ra_nom	54.434883998038
dec_nom	-5.0395426622573
roll_nom	94.606173220642
revision	2
ontime	60508.800056353
livetime	59742.601196014
ontime0	60499.077125773
ontime1	60505.559096113
ontime2	60505.559096113
ontime3	60508.800056353
ontime6	60505.559116051
ontime7	60505.559116051
l2events	662454



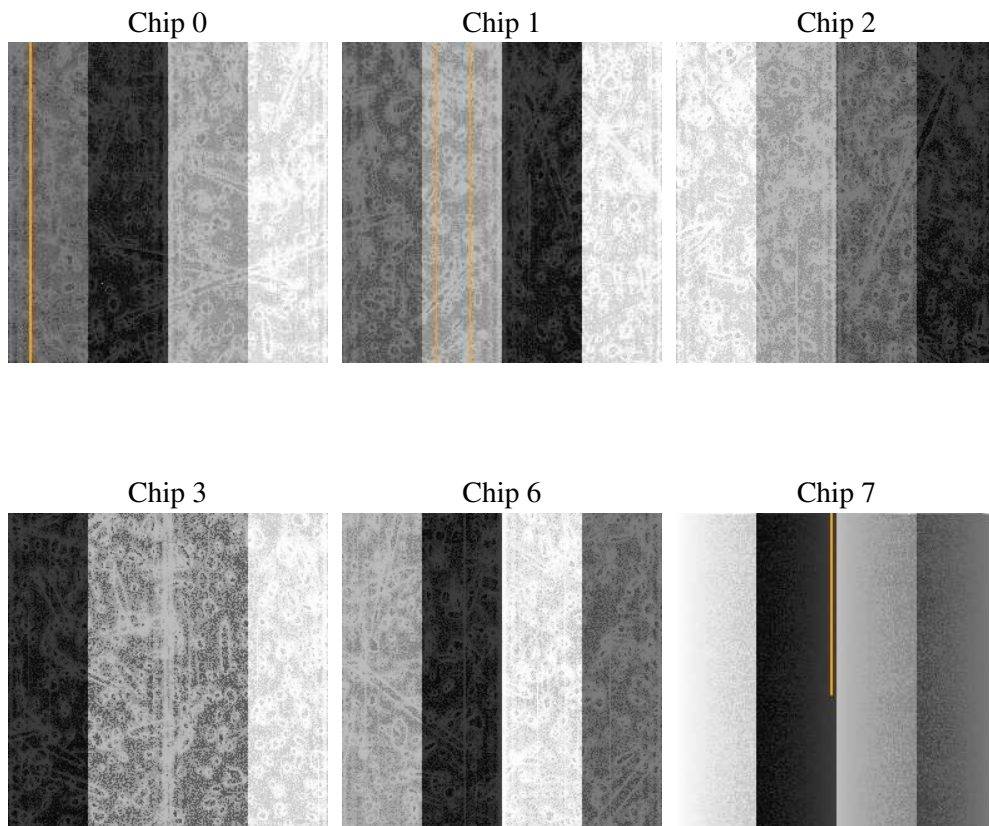
2 OBI

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	2007-06-06T22:00:47
revision	2

sched_exp_time	60553.291000
ontime	60508.800056353
ontime0	60499.077125773
ontime1	60505.559096113
ontime2	60505.559096113
ontime3	60508.800056353
ontime6	60505.559116051
ontime7	60505.559116051
l1events	2511905

2.1.4 Events

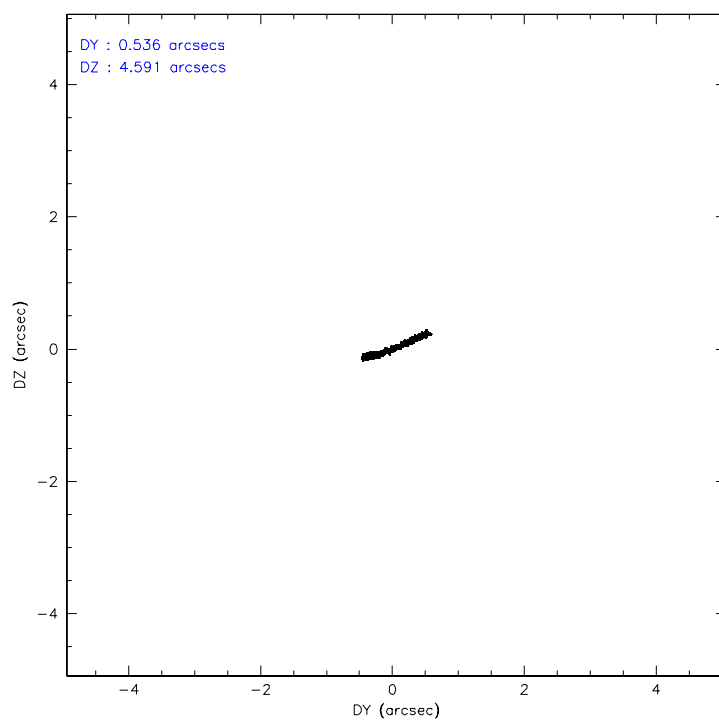
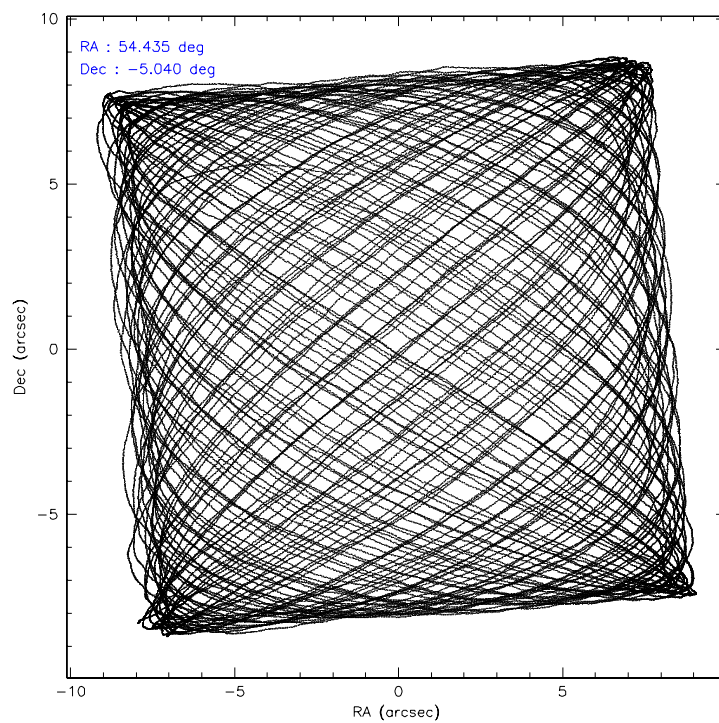
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	337311	347377	370610	372973	400297	683337
rejected events	283599	288770	320746	320870	335282	260786
rejected %	84%	83%	86%	86%	83%	38%

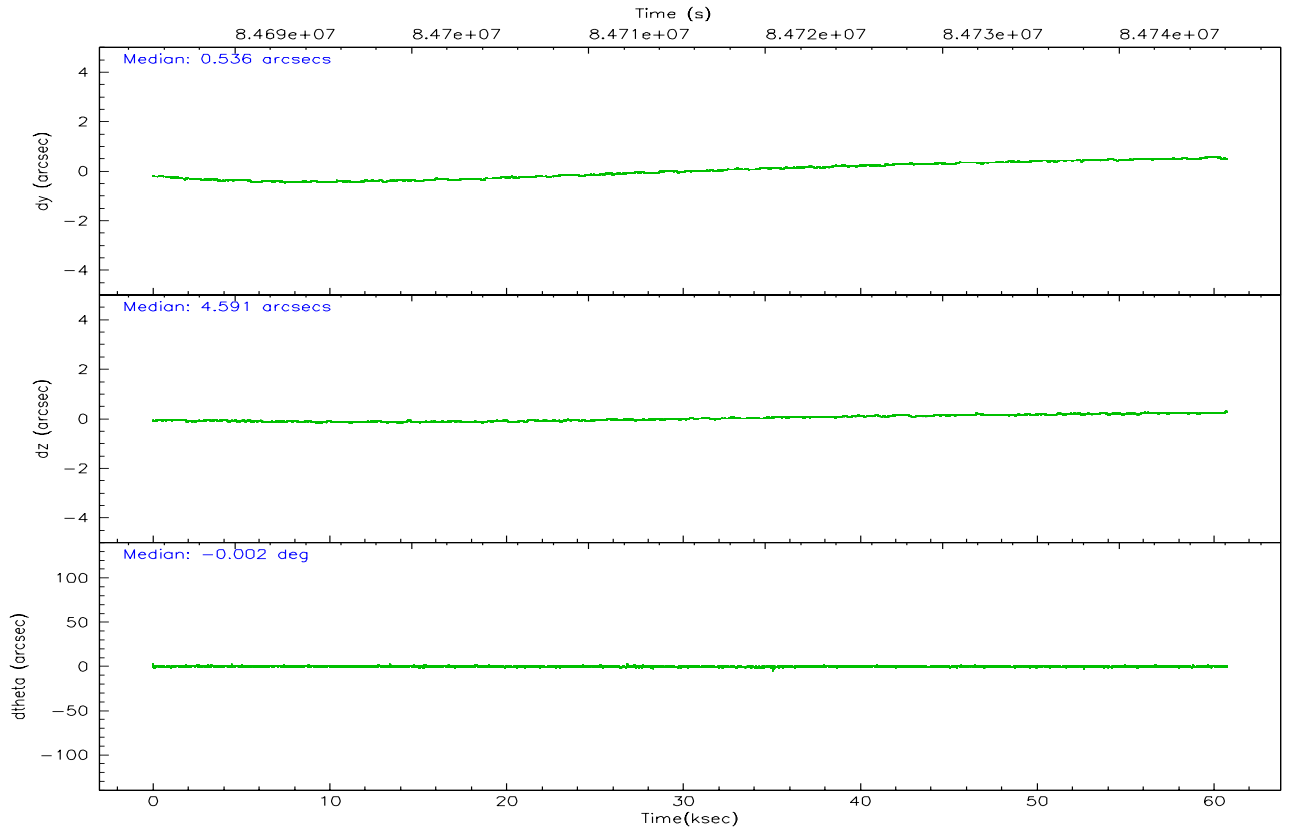
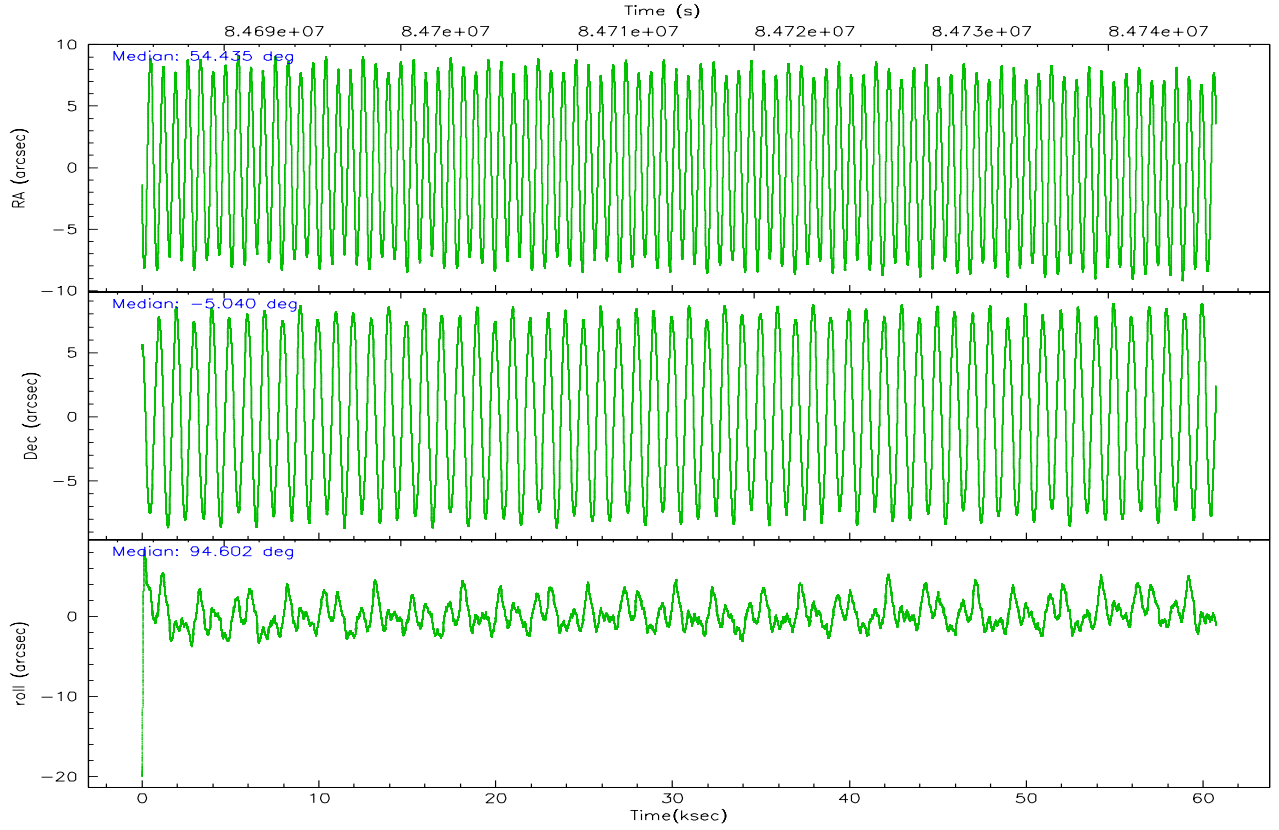
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	27567	30239	24874	26787	36542	48110
	8%	8%	6%	7%	9%	7%
grade 1 events	181	162	182	182	212	387
	0%	0%	0%	0%	0%	0%
grade 2 events	10305	10954	10277	9962	11374	77436
	3%	3%	2%	2%	2%	11%
grade 3 events	4334	4720	3808	3981	4406	34879
	1%	1%	1%	1%	1%	5%
grade 4 events	4047	4485	3827	4078	4240	34793
	1%	1%	1%	1%	1%	5%
grade 5 events	12182	13211	11678	13107	14931	43785
	3%	3%	3%	3%	3%	6%
grade 6 events	7460	8216	7082	7299	8460	227350
	2%	2%	1%	1%	2%	33%
grade 7 events	271235	275390	308882	307577	320132	216597
	80%	79%	83%	82%	79%	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	54.450500	54.43488399803778	Subarray requested	NONE	NONE
Pointing Dec	-5.062240	-5.039542662257262	Alternating exposures requested	N	N
Pointing Roll	94.398865	94.60617322064225	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	84685558.184000	84684597.309036			
Observation start date	2000-09-07T03:44:54	2000-09-07T03:29:57			
Observation end time	84746112.184000	84746425.82385901			
Observation end date	2000-09-07T20:34:08	2000-09-07T20:40:25			
Read mode	TIMED	TIMED			

2.3 Aspect



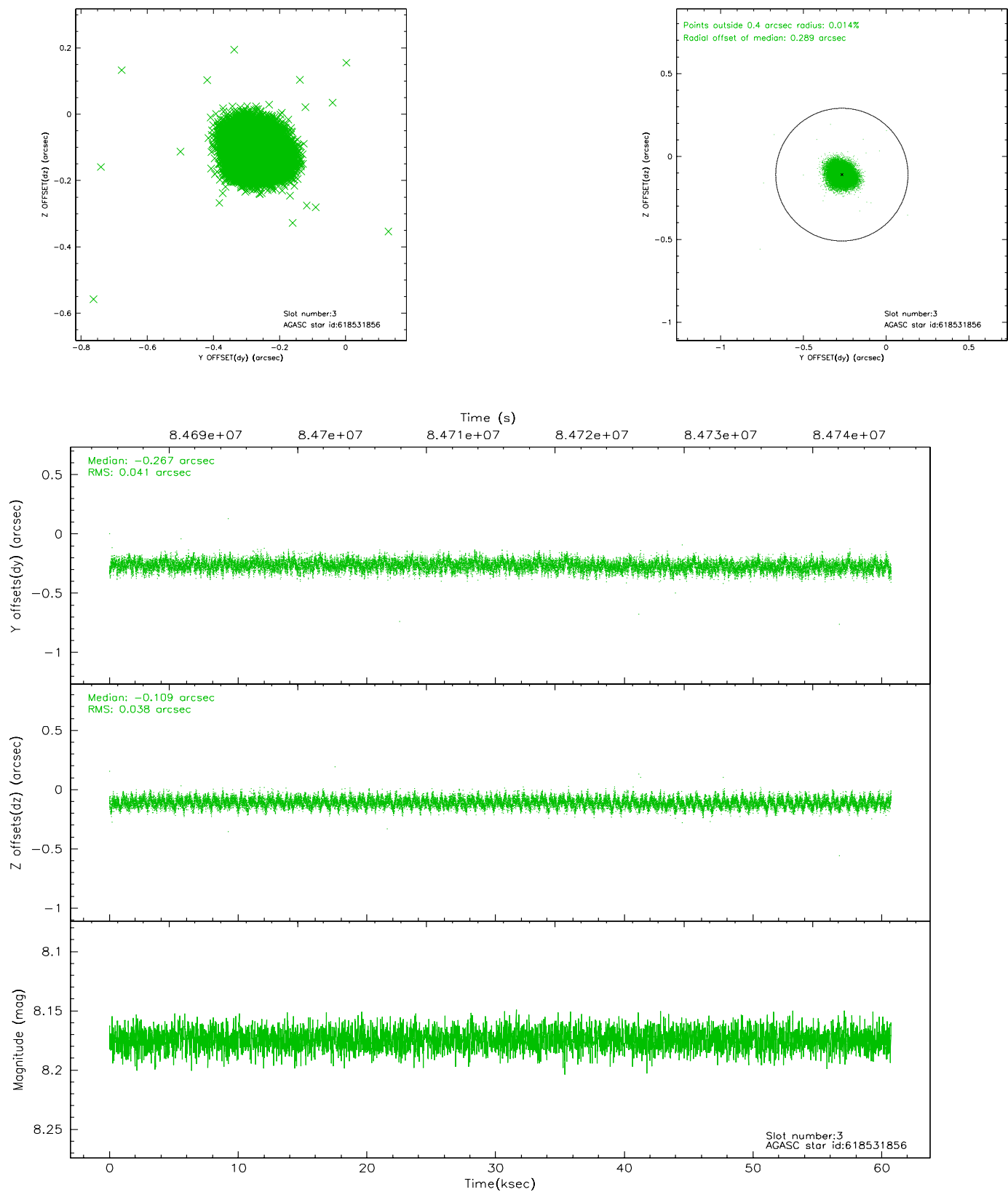


Slot Statistics

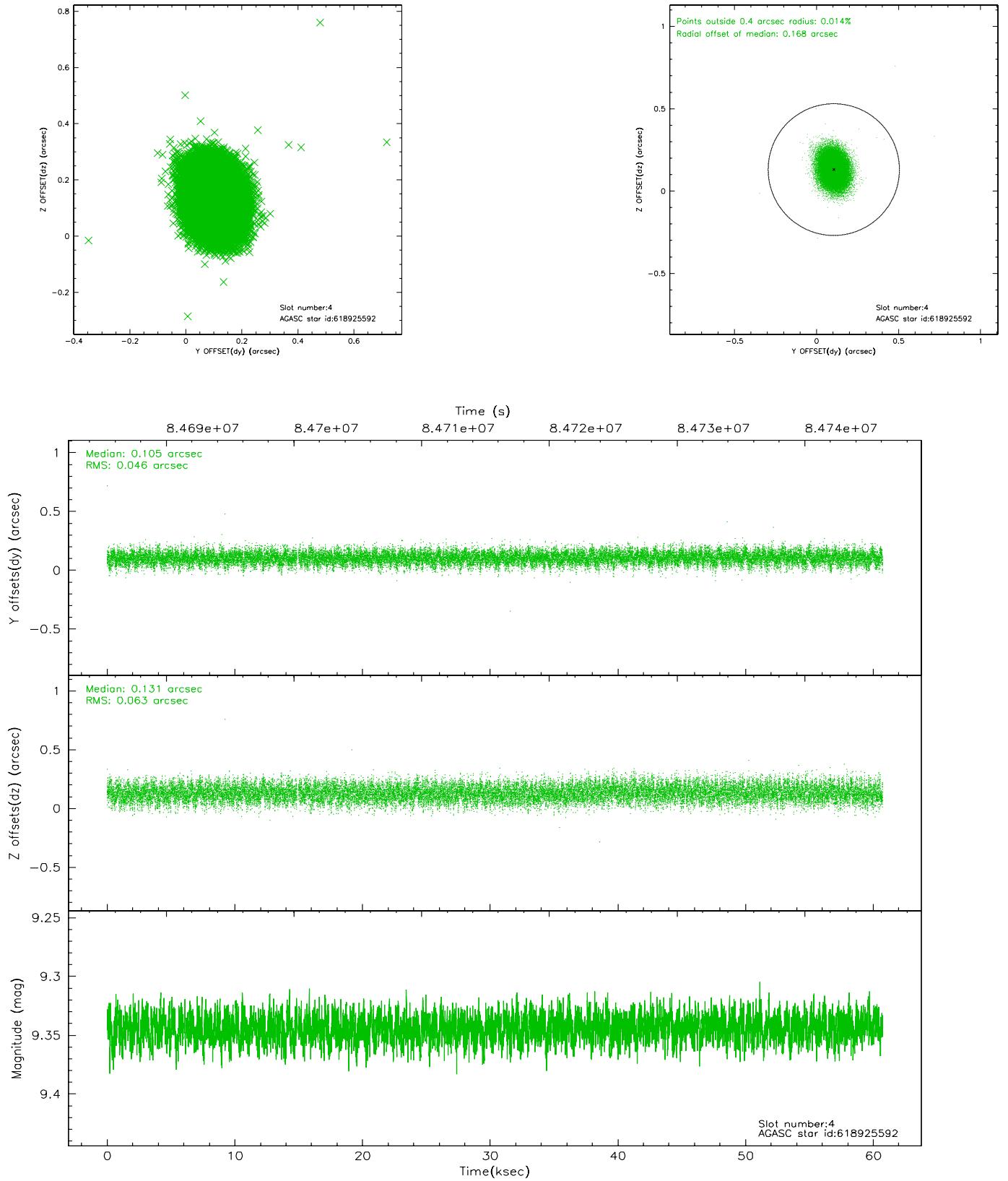
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	14815	-0.030	-0.009	0.014	0.021	0.000000	0.000000	-754.89	-834.32
1	FID	ACIS-I-4	7.19	14813	-0.043	0.029	0.036	0.045	0.000000	0.000000	2159.16	1071.92
2	FID	ACIS-I-5	7.23	14815	-0.024	0.050	0.021	0.031	0.000000	0.000000	-1808.76	1069.73
3	GUIDE	618531856	8.17	29629	-0.267	-0.109	0.059	0.096	54.311845	-4.654481	1501.25	383.31
4	GUIDE	618925592	9.34	29553	0.105	0.131	0.083	0.135	54.993550	-5.099122	-282.43	-1931.27
5	GUIDE	618925720	9.74	29608	0.170	0.115	0.097	0.158	54.976824	-5.677302	-2353.06	-1710.40
6	GUIDE	618532816	9.88	29611	-0.012	-0.071	0.090	0.149	54.206651	-4.685335	1419.49	768.12
7	GUIDE	618927416	9.90	29606	0.005	-0.067	0.120	0.195	54.021395	-5.005344	321.54	1518.52

2.4 Star Slots

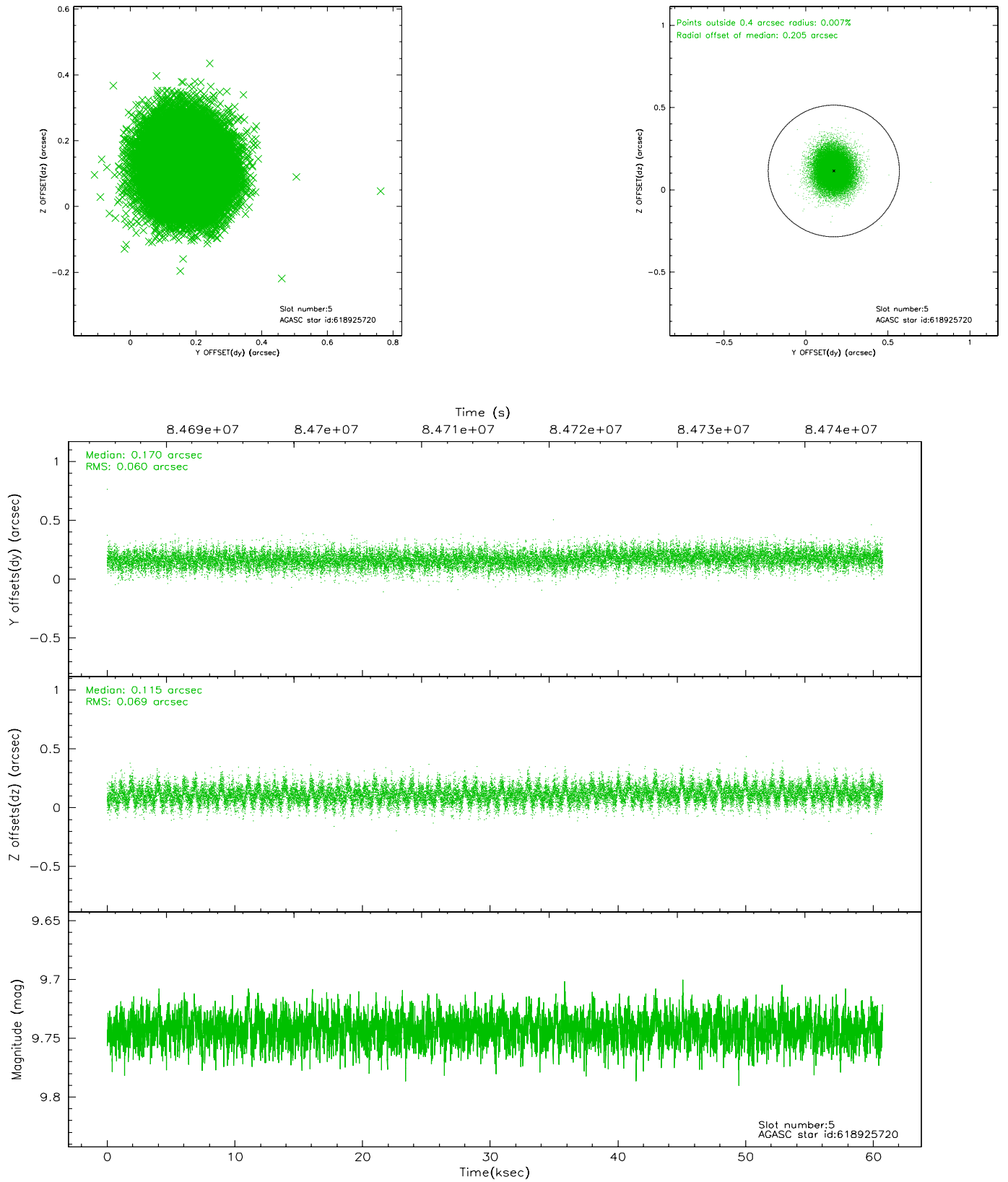
2.4.1 Slot 3



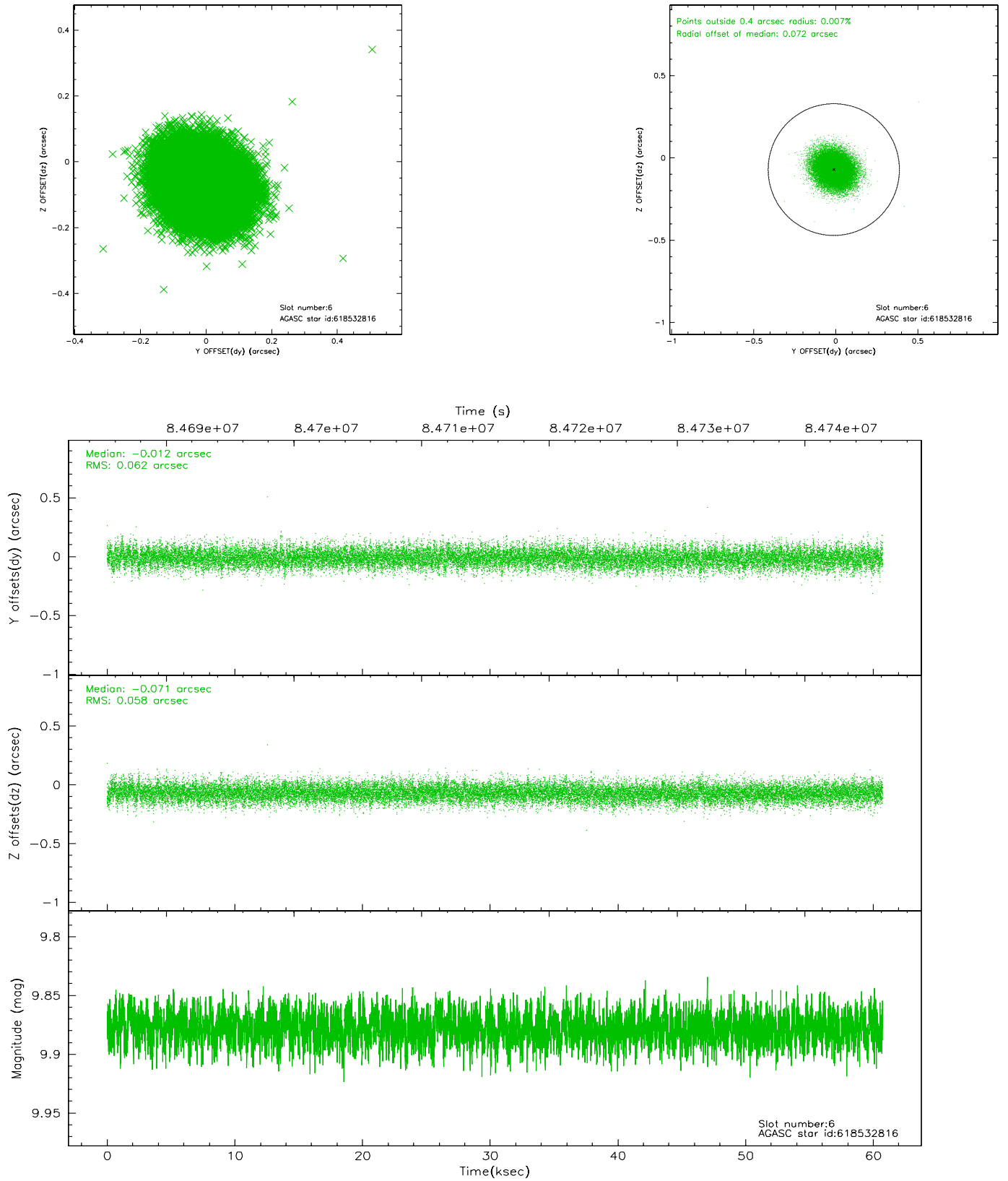
2.4.2 Slot 4



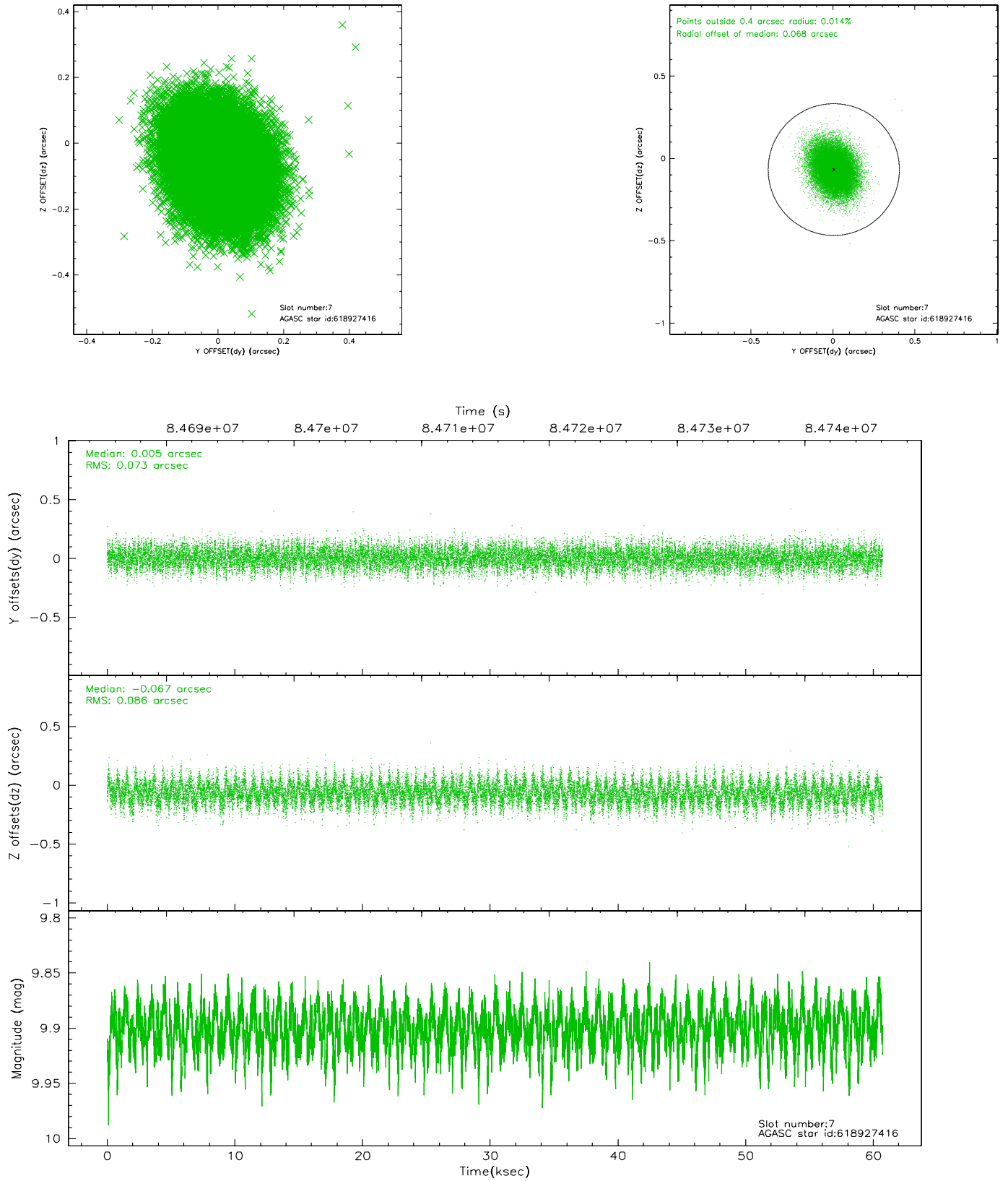
2.4.3 Slot 5



2.4.4 Slot 6

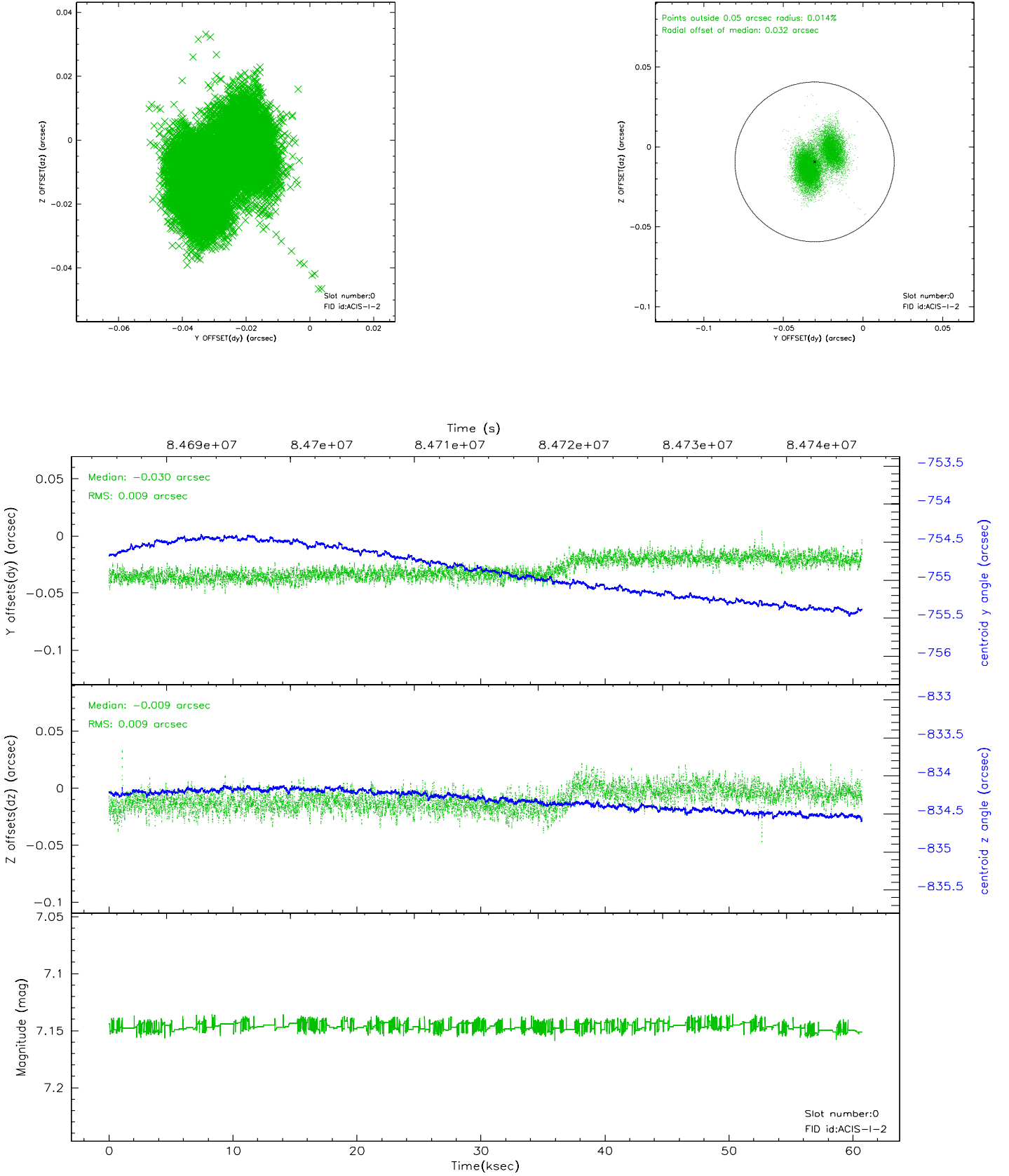


2.4.5 Slot 7

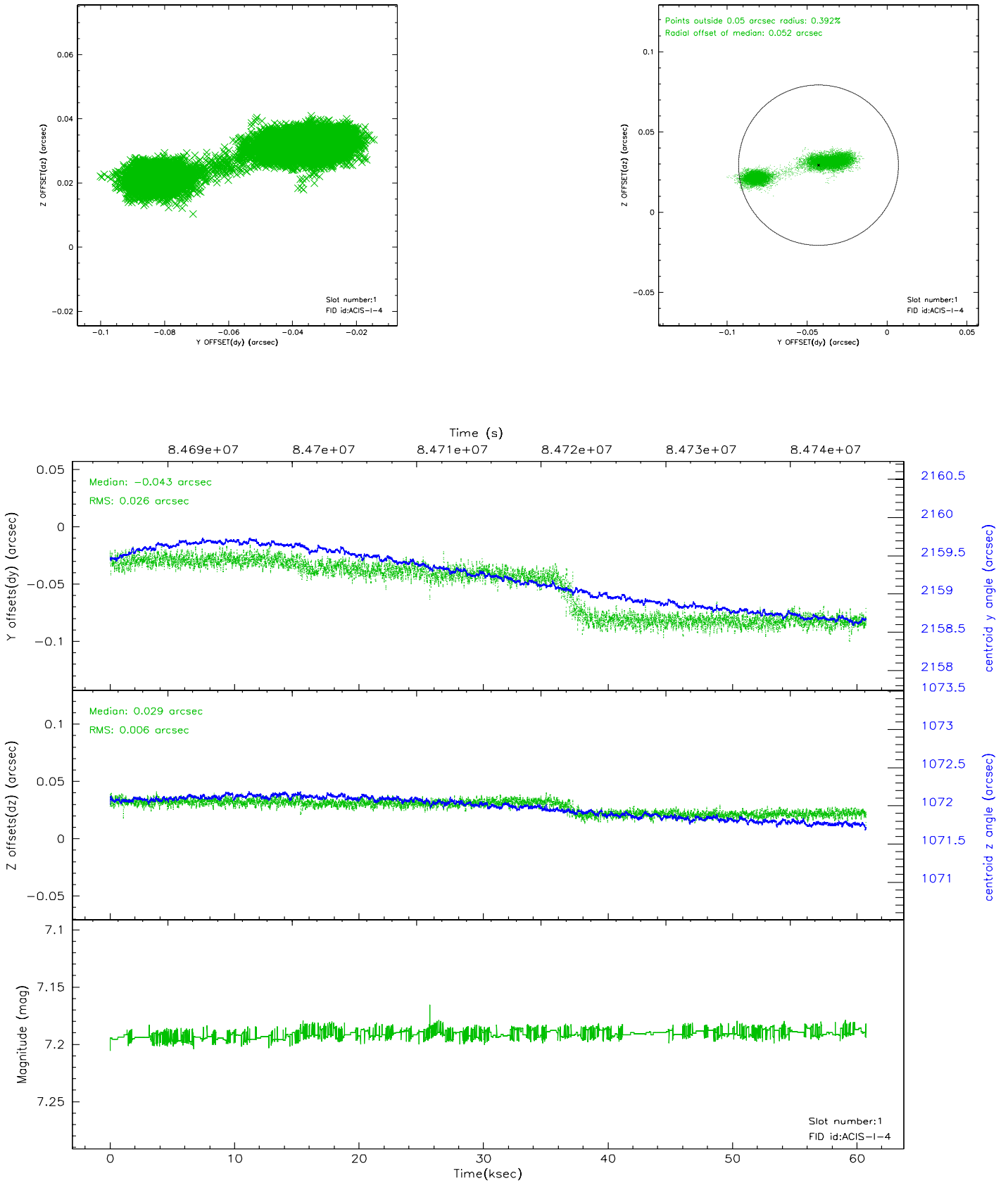


2.5 FID Slots

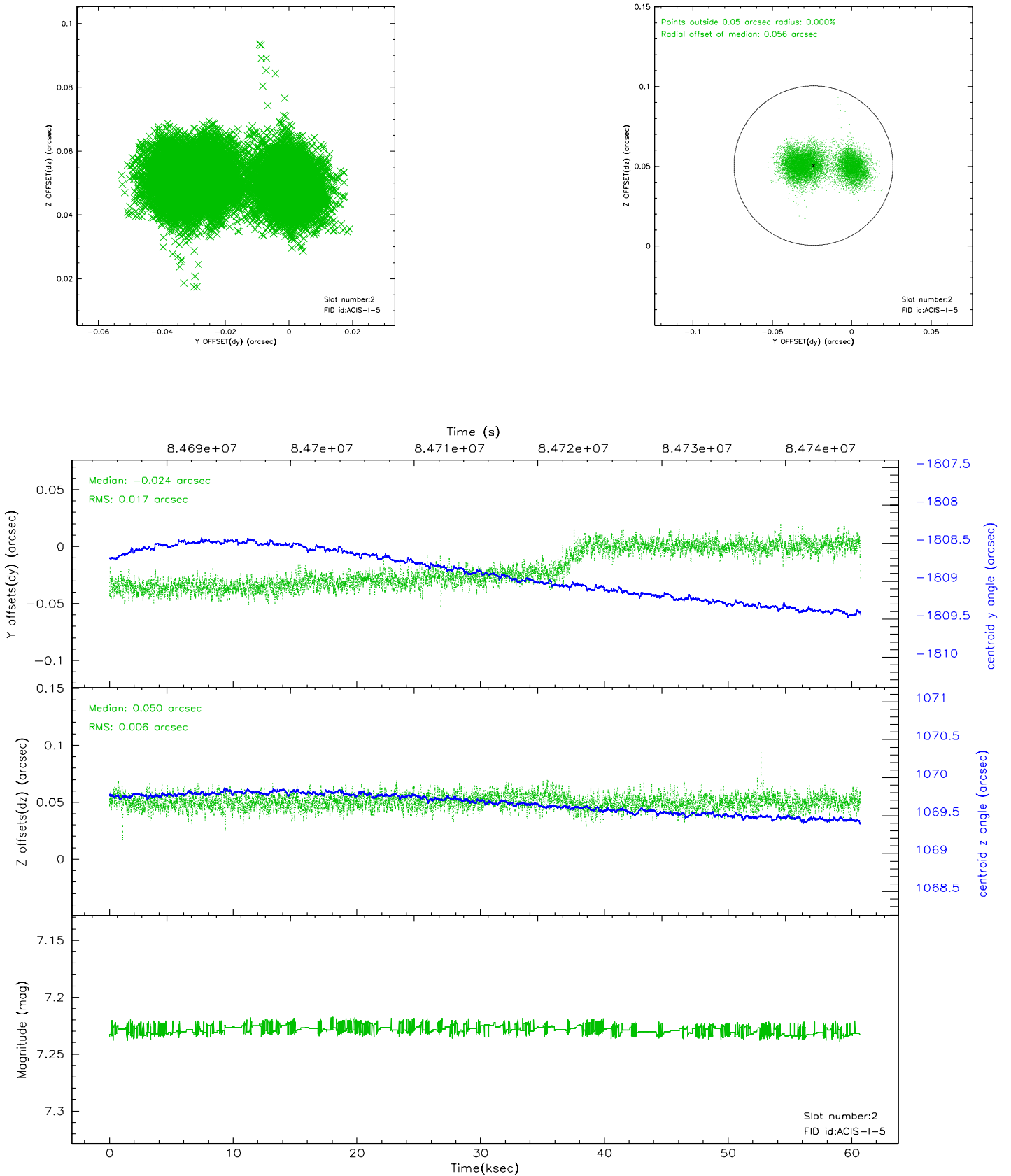
2.5.1 Slot 0



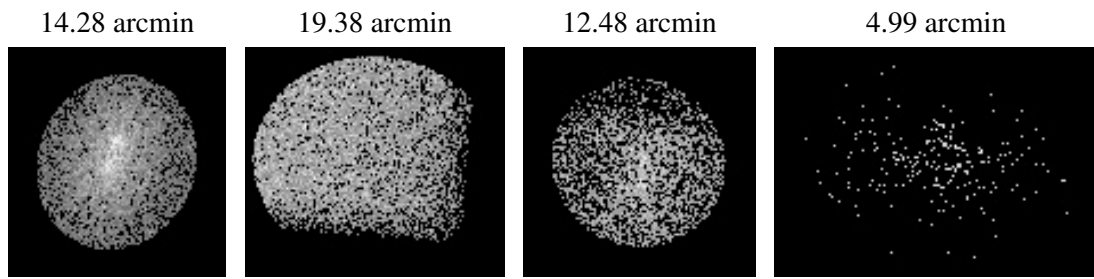
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.512

A.2 Comments