

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3929 - L2 Version 001
Chandra X-Ray Center

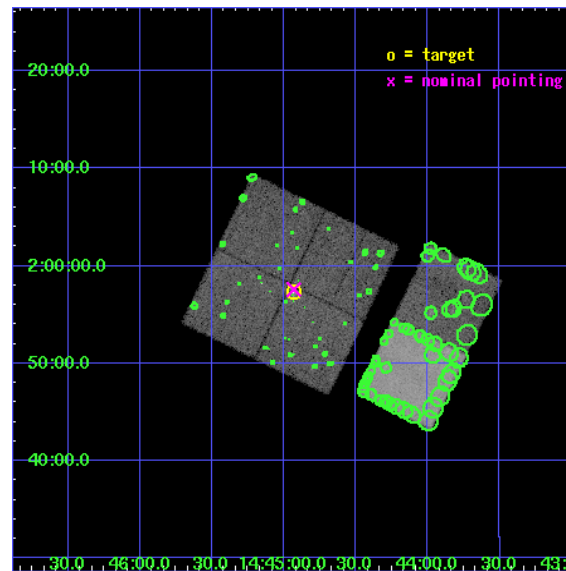
L2 Processing Date : Aug 4 2006

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1 Front

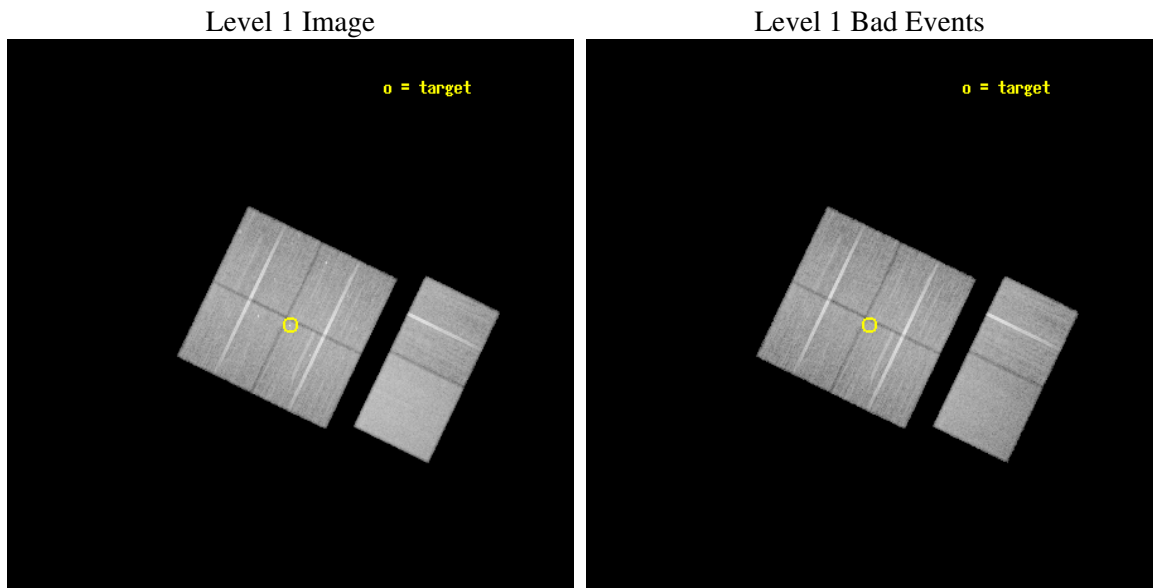
seq_num	600303
obs_id	3929
title	X-RAY HALOES OF MASSIVE DISC GALAXIES: TESTING GALAXY FORMATION
observer	Dr. Kristian Pedersen
object	NGC 5746
dtcycle	0
cycle	P
ra_targ	221.232917
dec_targ	1.955278
ra_nom	221.2326893104
dec_nom	1.9598813964526
roll_nom	115.82158121762
revision	2
ontime	37289.517890543
livetime	36817.335561961
ontime0	37289.517880559
ontime1	37289.517900497
ontime2	37295.999861062
ontime3	37289.517890543
ontime6	37295.999861062
ontime7	37295.999861062
l2events	231560



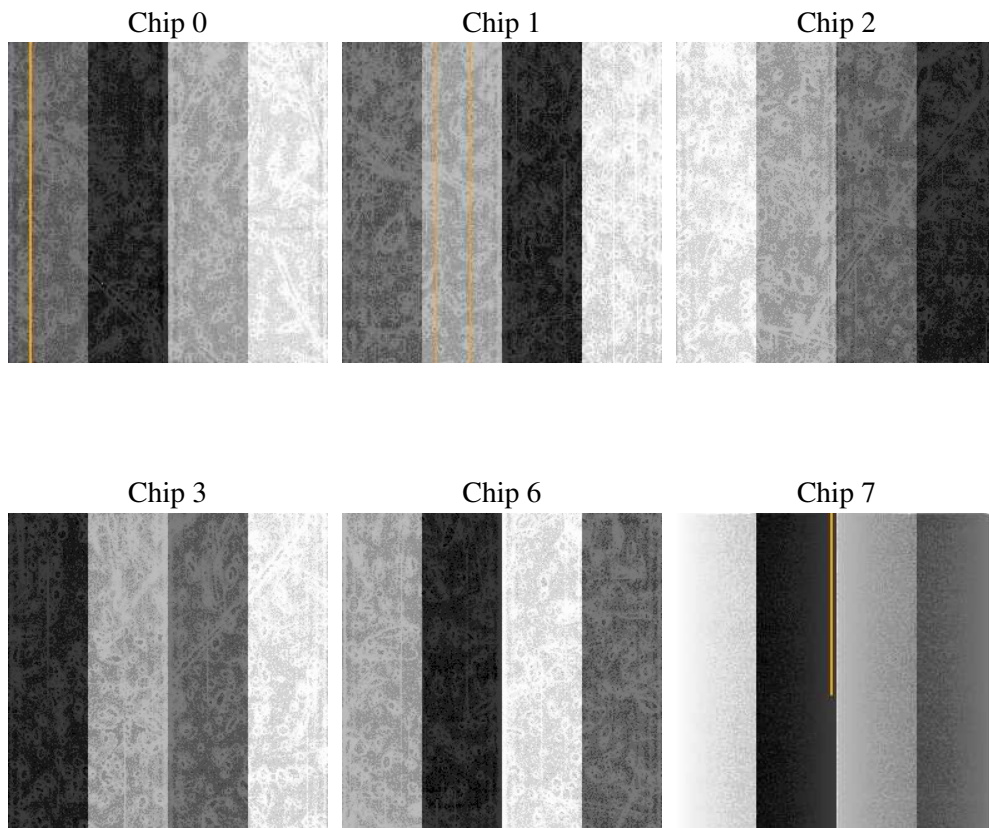
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-04T18:41:26
revision	2

sched_exp_time	37137.000000
ontime	37479.035822779
ontime0	37479.035832703
ontime1	37479.035832733
ontime2	37485.517793298
ontime3	37479.035822779
ontime6	37485.517793298
ontime7	37485.517813206
l1events	1402144

2.1.4 Events

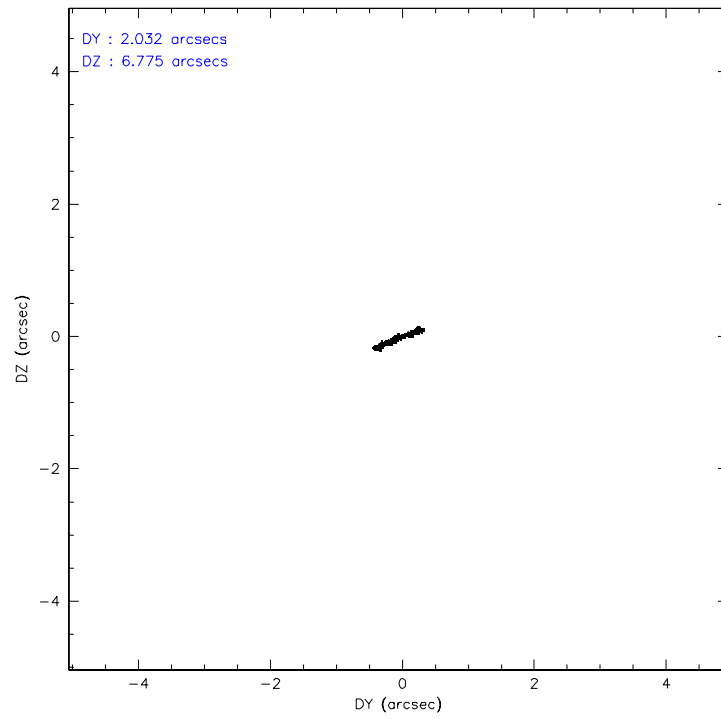
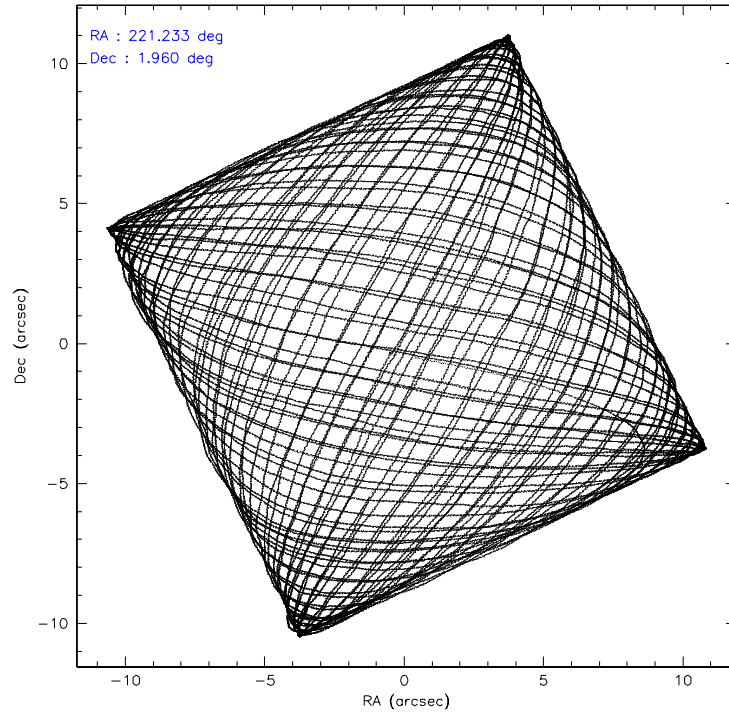
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	208036	211097	226714	225872	229280	301145
rejected events	180567	182138	199872	197883	201765	186758
rejected %	86%	86%	88%	87%	87%	62%

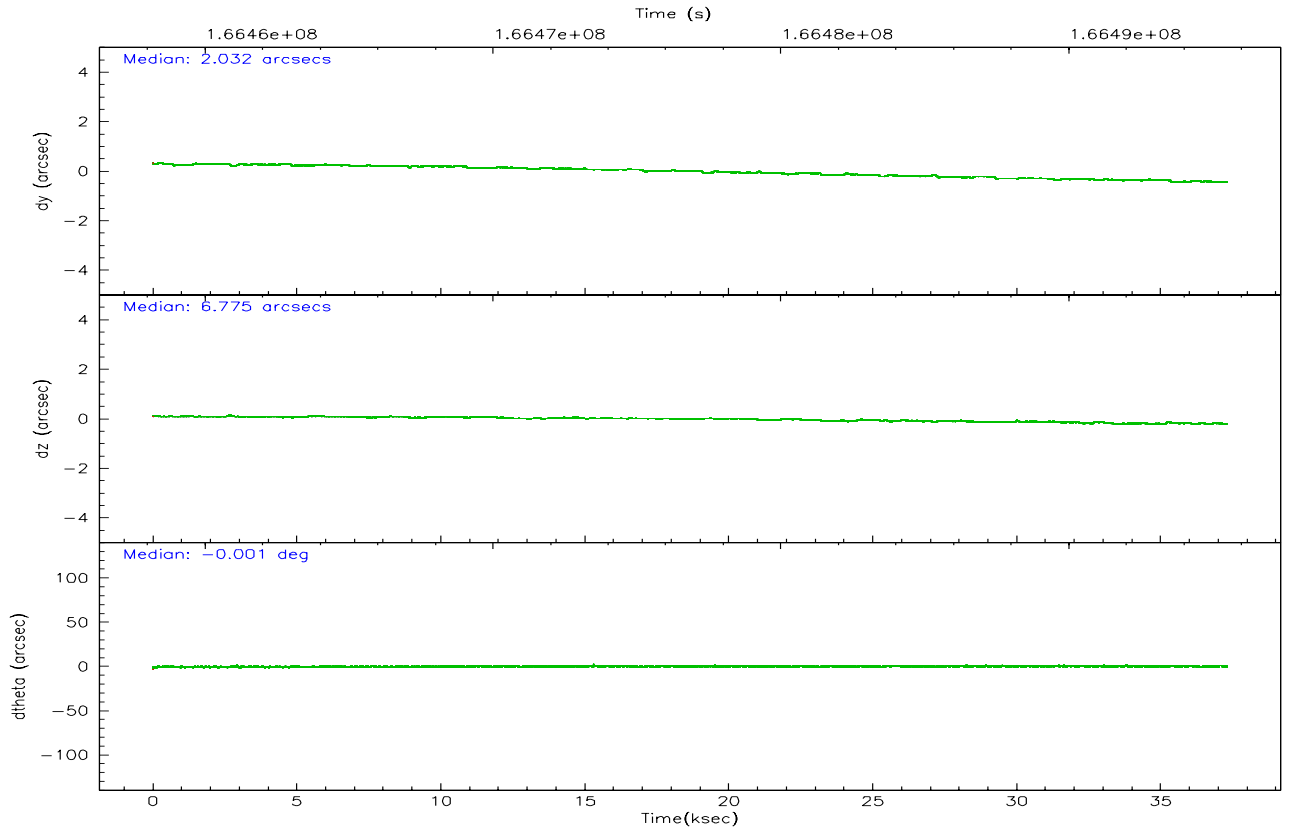
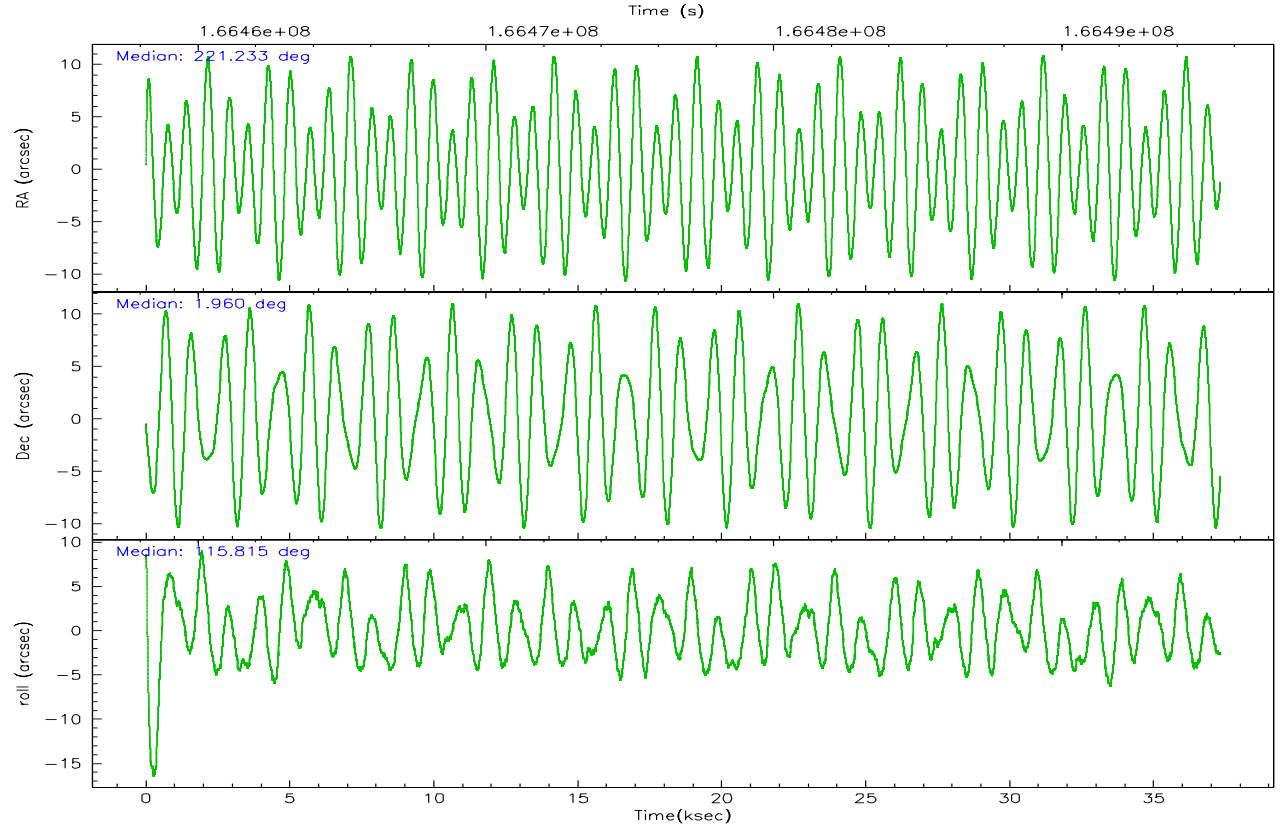
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	12329	11627	12196	13155	11154	6947
	5%	5%	5%	5%	4%	2%
grade 1 events	123	119	131	128	112	197
	0%	0%	0%	0%	0%	0%
grade 2 events	5520	6201	5255	5098	5696	28400
	2%	2%	2%	2%	2%	9%
grade 3 events	2747	2947	2513	2652	2670	5755
	1%	1%	1%	1%	1%	1%
grade 4 events	2436	2828	2582	2601	2592	5768
	1%	1%	1%	1%	1%	1%
grade 5 events	8896	9280	8489	9823	10213	19735
	4%	4%	3%	4%	4%	6%
grade 6 events	4578	5512	4409	4611	5549	68082
	2%	2%	1%	2%	2%	22%
grade 7 events	171407	172583	191139	187804	191294	166261
	82%	81%	84%	83%	83%	55%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	221.255412	221.232689310396	Alternating exposures requested	N	N
Pointing Dec	1.944614	1.959881396452619	Primary exposure time	0.000000	3.2
Pointing Roll	115.612115	115.8215812176206			
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	166458367.184000	166457216.11996			
Observation start date	2003-04-11T14:25:03	2003-04-11T14:06:56			
Observation end time	166495504.184000	166495732.54658			
Observation end date	2003-04-12T00:44:00	2003-04-12T00:48:52			
Read mode	TIMED	TIMED			

2.3 Aspect



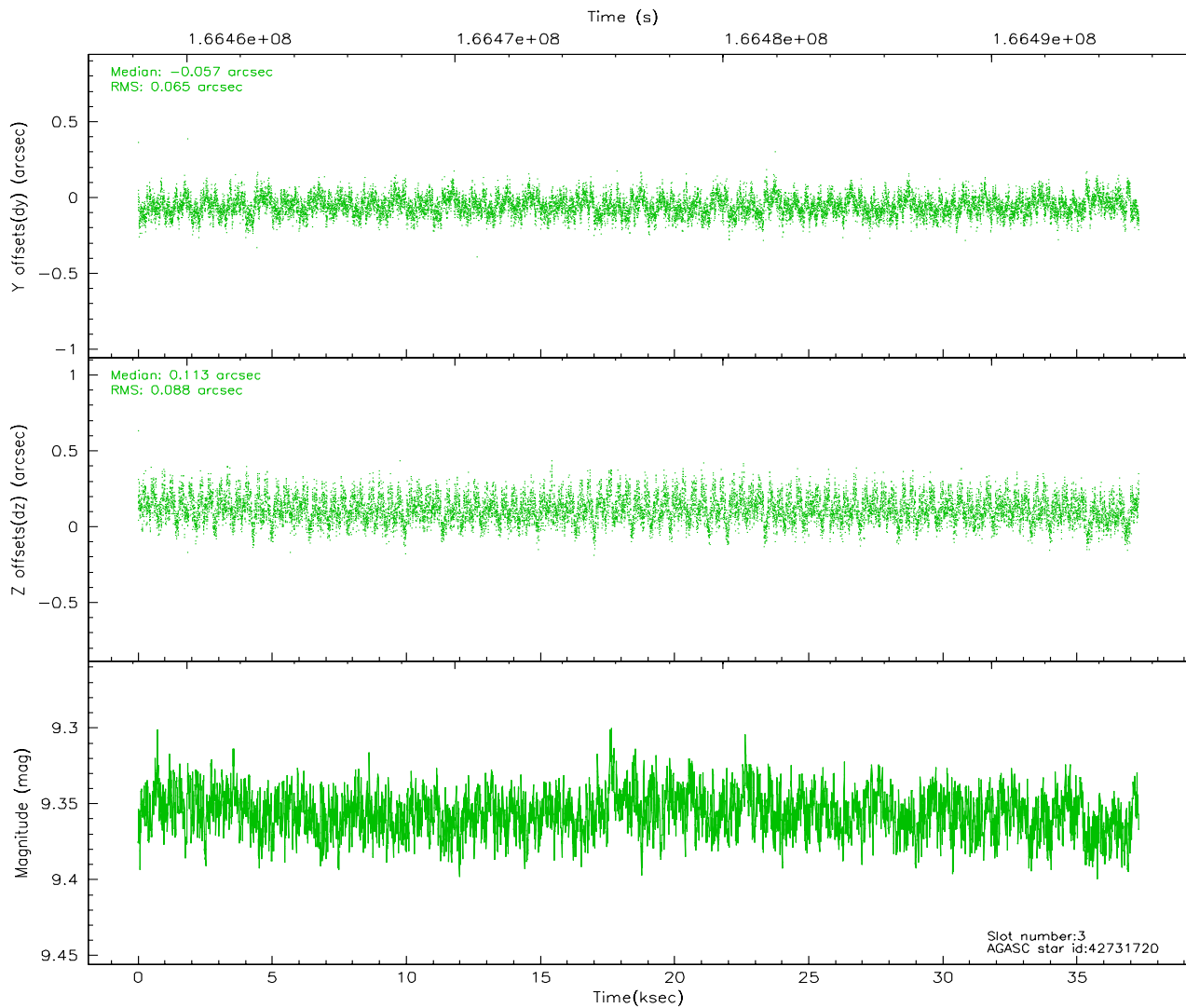
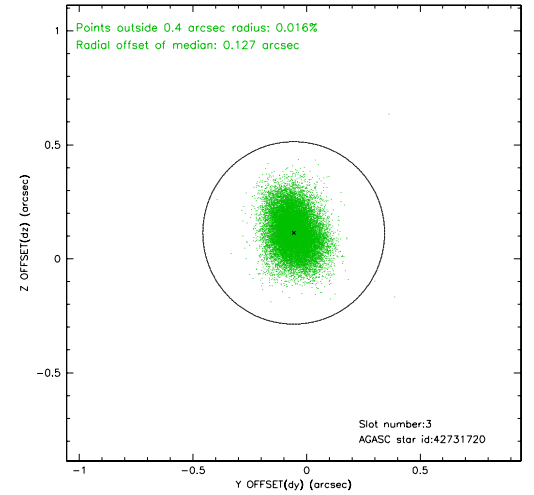
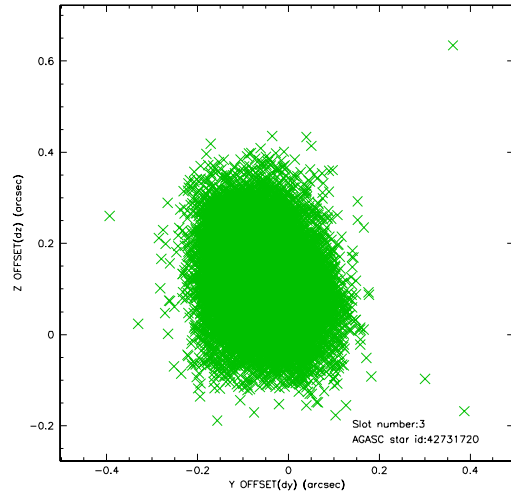


Slot Statistics

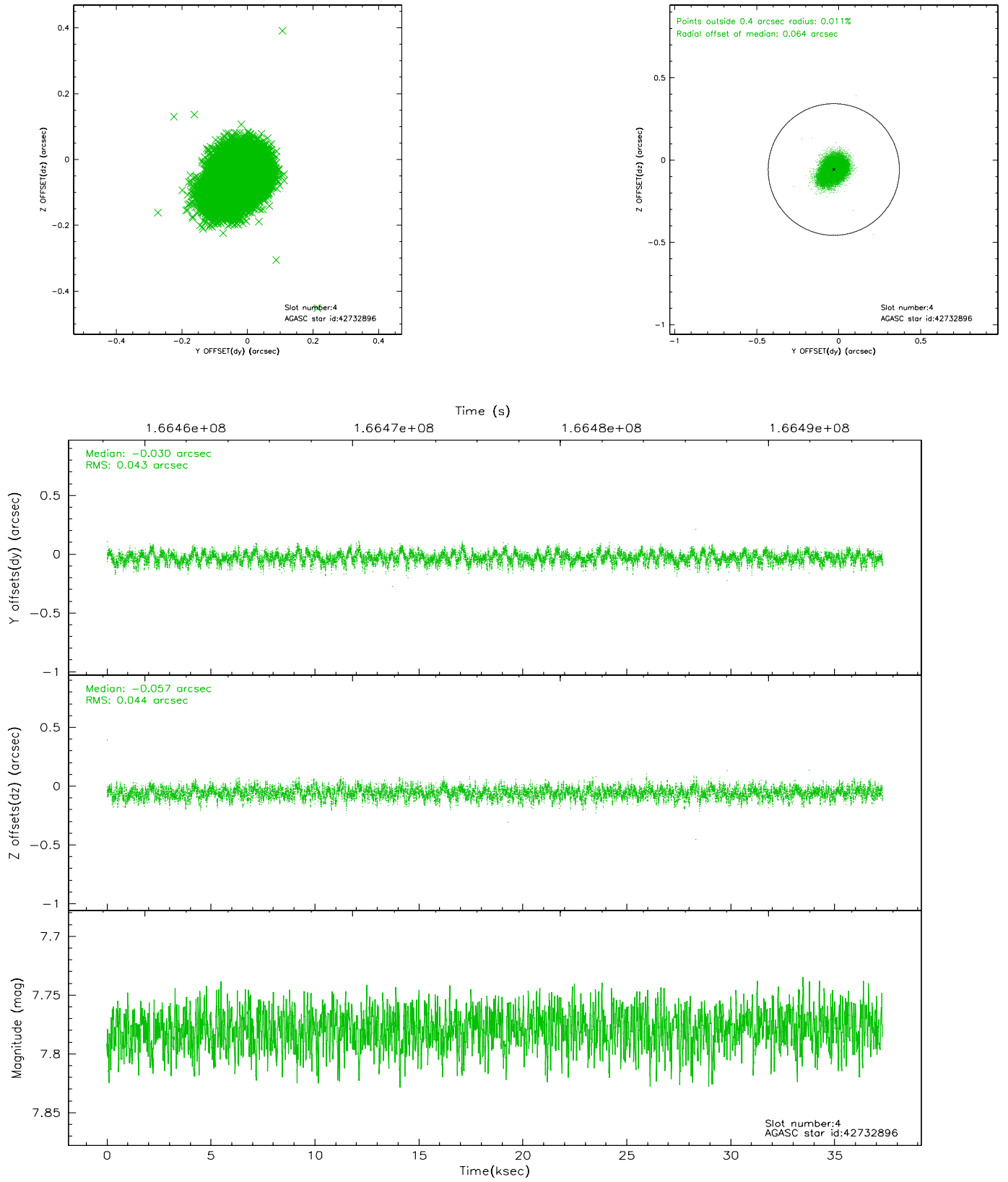
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9099	-0.051	0.037	0.007	0.013	0.000000	0.000000	937.76	-830.11
1	FID	ACIS-I-2	7.16	9098	0.014	-0.054	0.009	0.016	0.000000	0.000000	-756.25	-836.64
2	FID	ACIS-I-5	7.23	9097	-0.056	0.090	0.008	0.014	0.000000	0.000000	-1810.51	1067.44
3	GUIDE	42731720	9.36	18187	-0.057	0.113	0.116	0.190	221.849516	2.202093	-87.18	-2327.56
4	GUIDE	42732896	7.78	18195	-0.030	-0.057	0.065	0.106	220.804479	1.824716	312.36	1649.76
5	GUIDE	43136448	9.22	18141	-0.130	0.054	0.092	0.146	221.328465	2.642482	2152.16	-1322.25
6	GUIDE	42739904	9.42	18167	0.122	-0.192	0.095	0.152	221.063801	1.147543	-2289.14	1862.04
7	GUIDE	42738664	9.29	18186	0.094	0.082	0.079	0.129	221.798995	1.603981	-1950.78	-1233.87

2.4 Star Slots

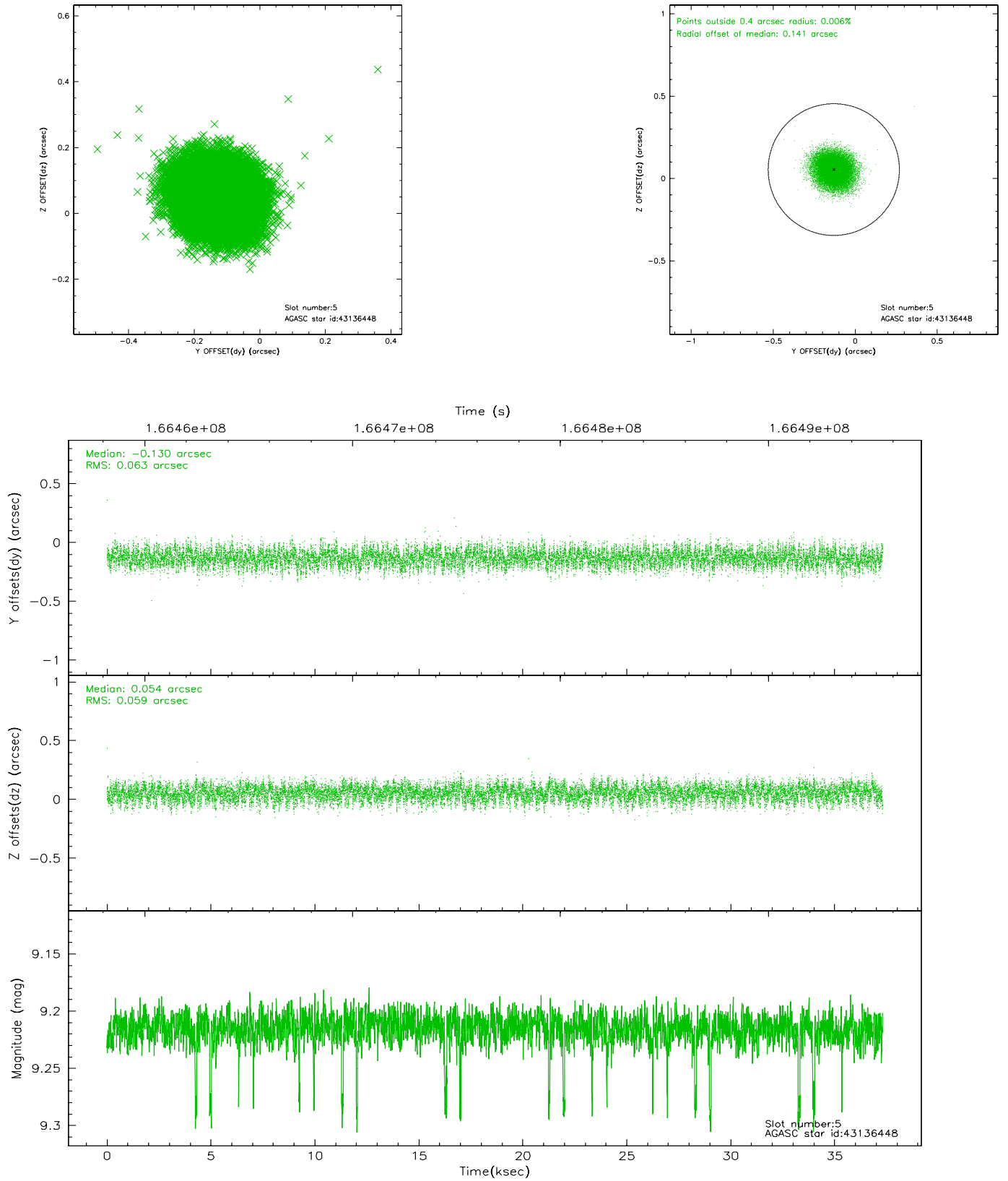
2.4.1 Slot 3



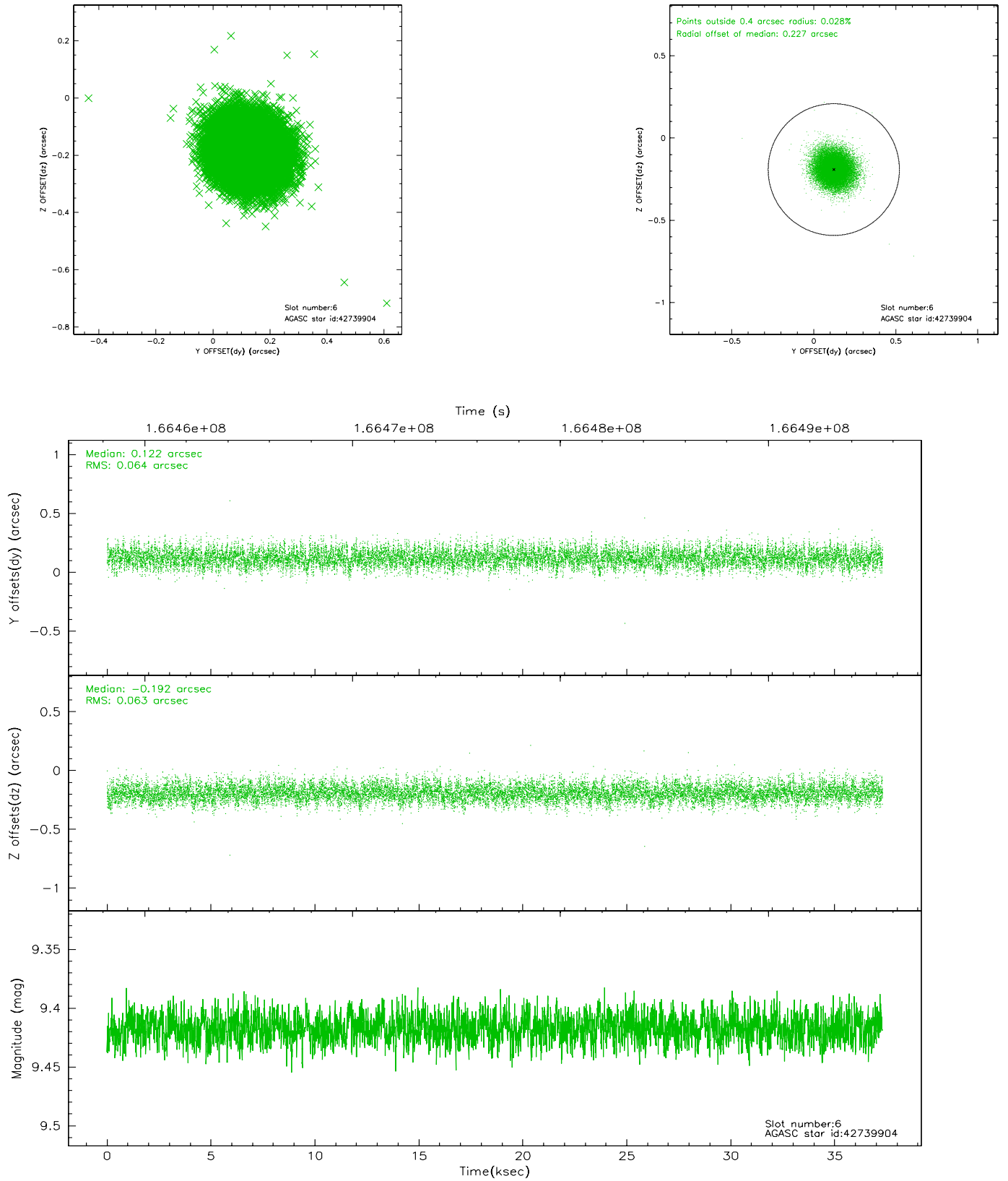
2.4.2 Slot 4



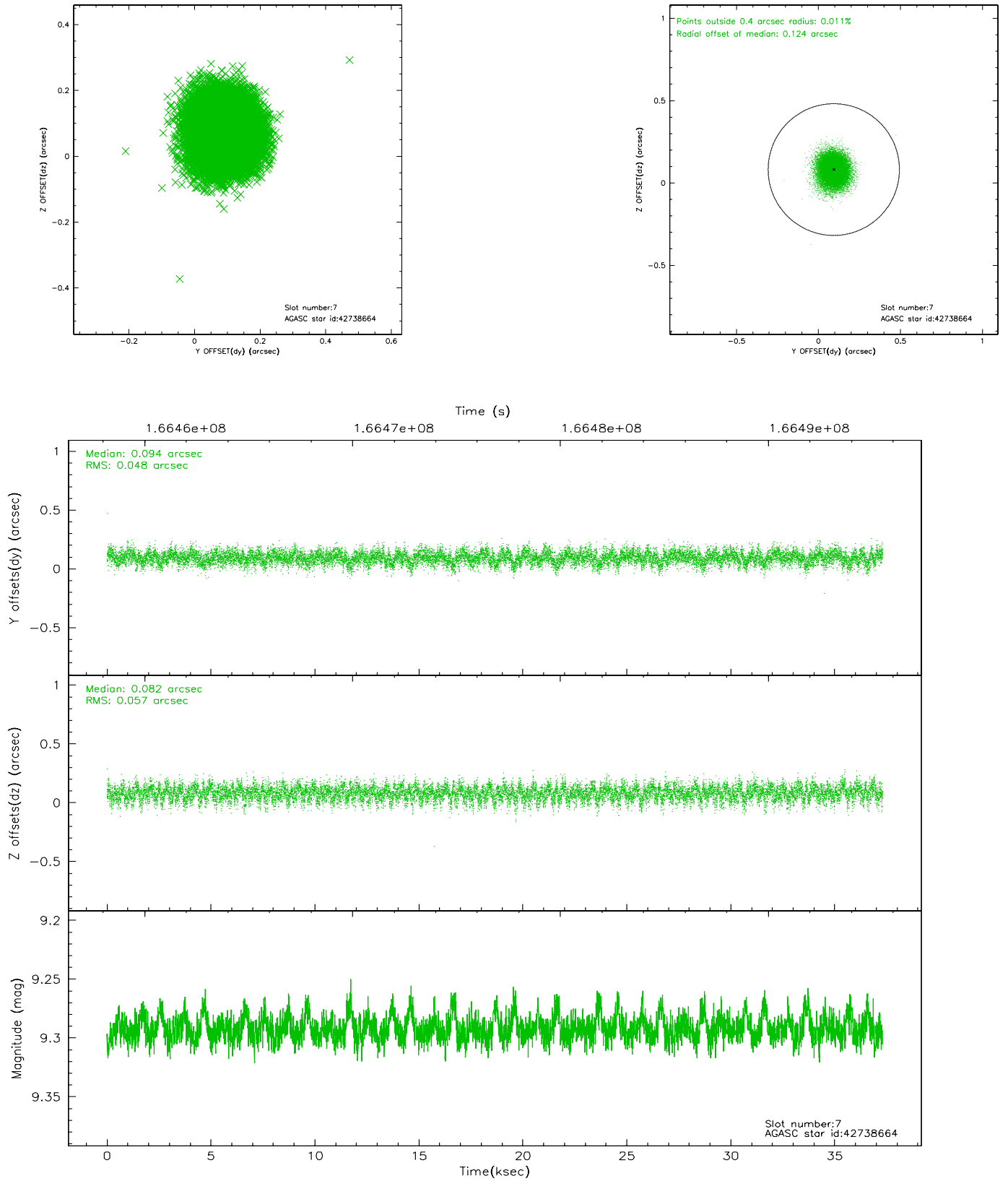
2.4.3 Slot 5



2.4.4 Slot 6

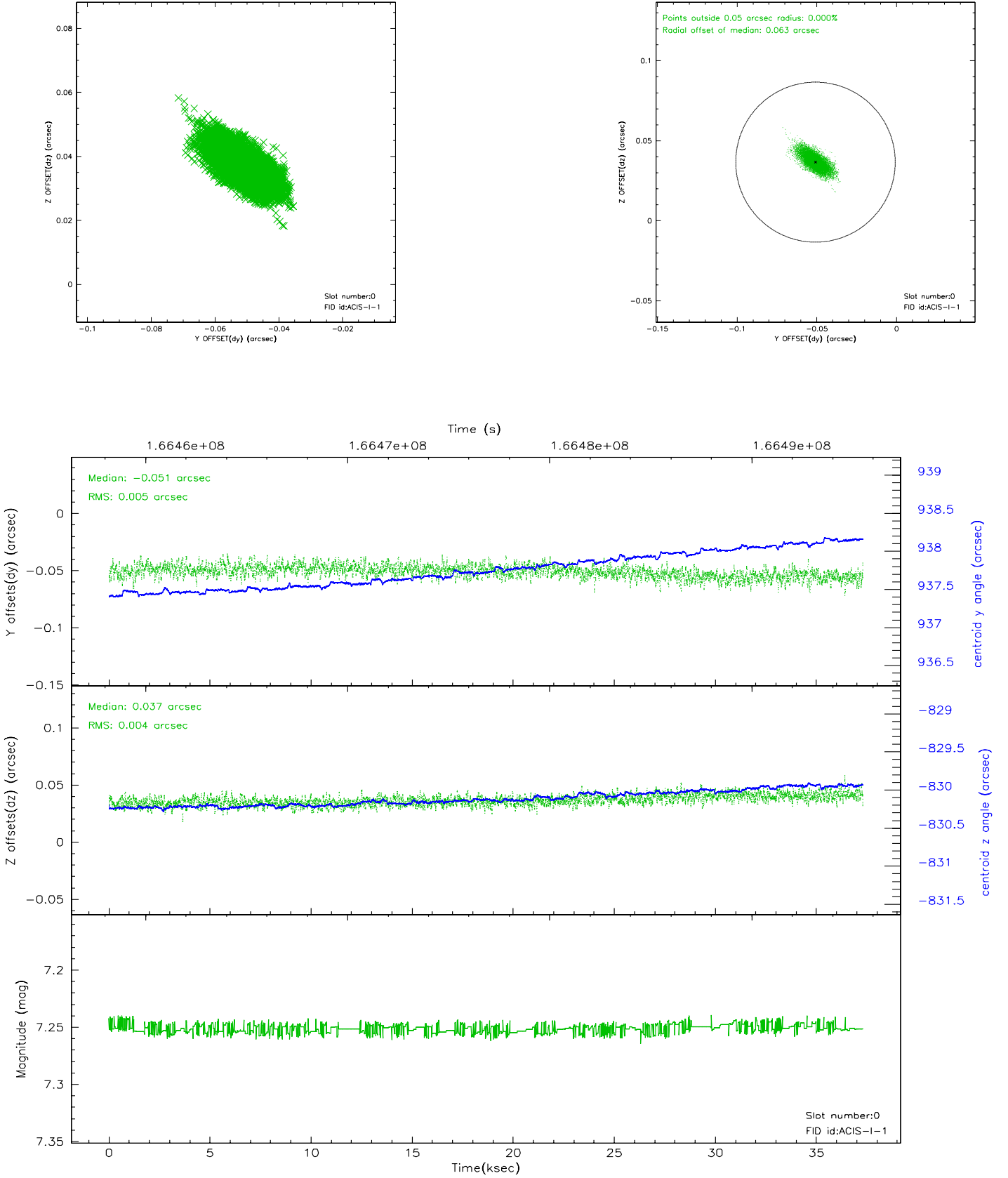


2.4.5 Slot 7

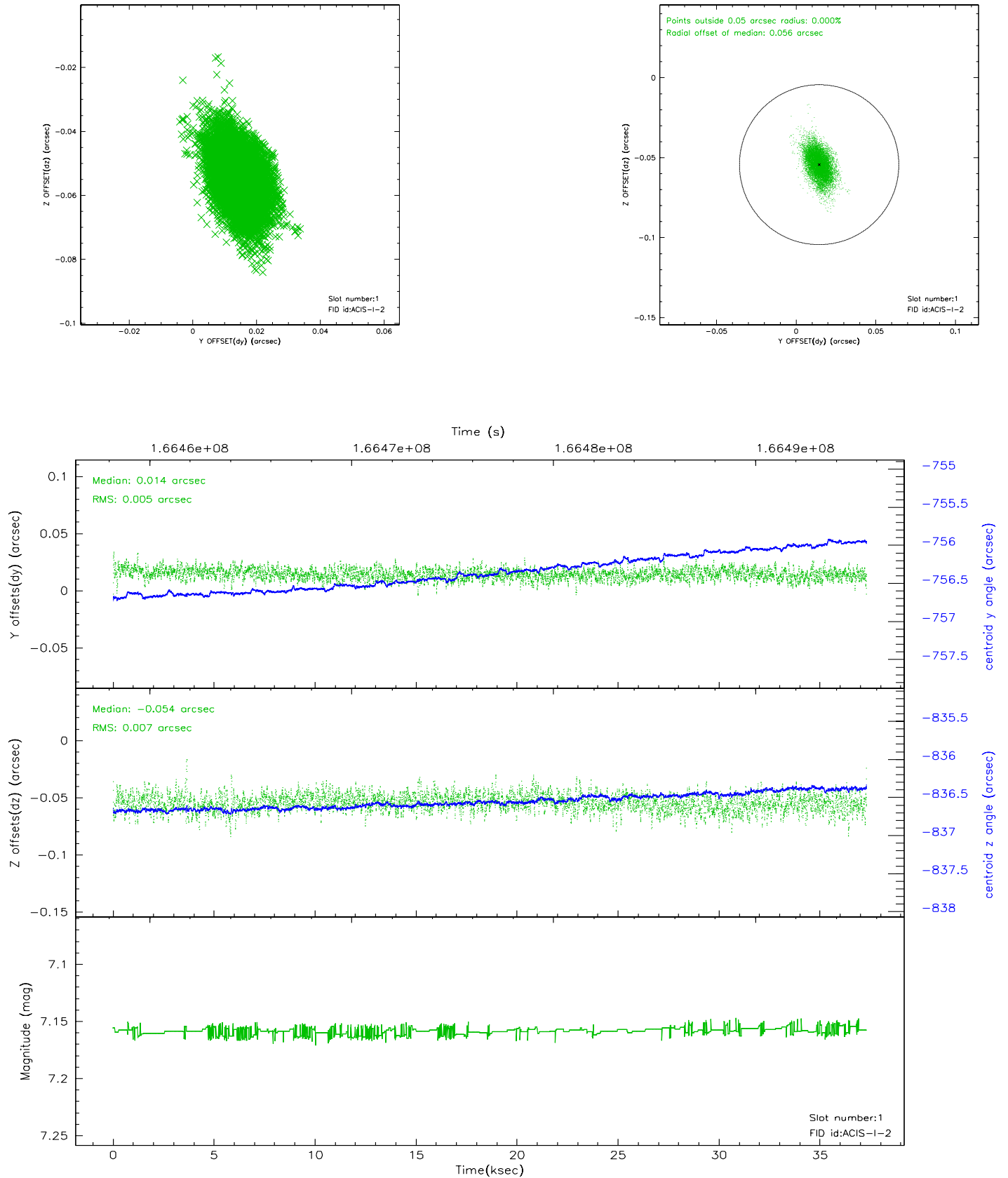


2.5 FID Slots

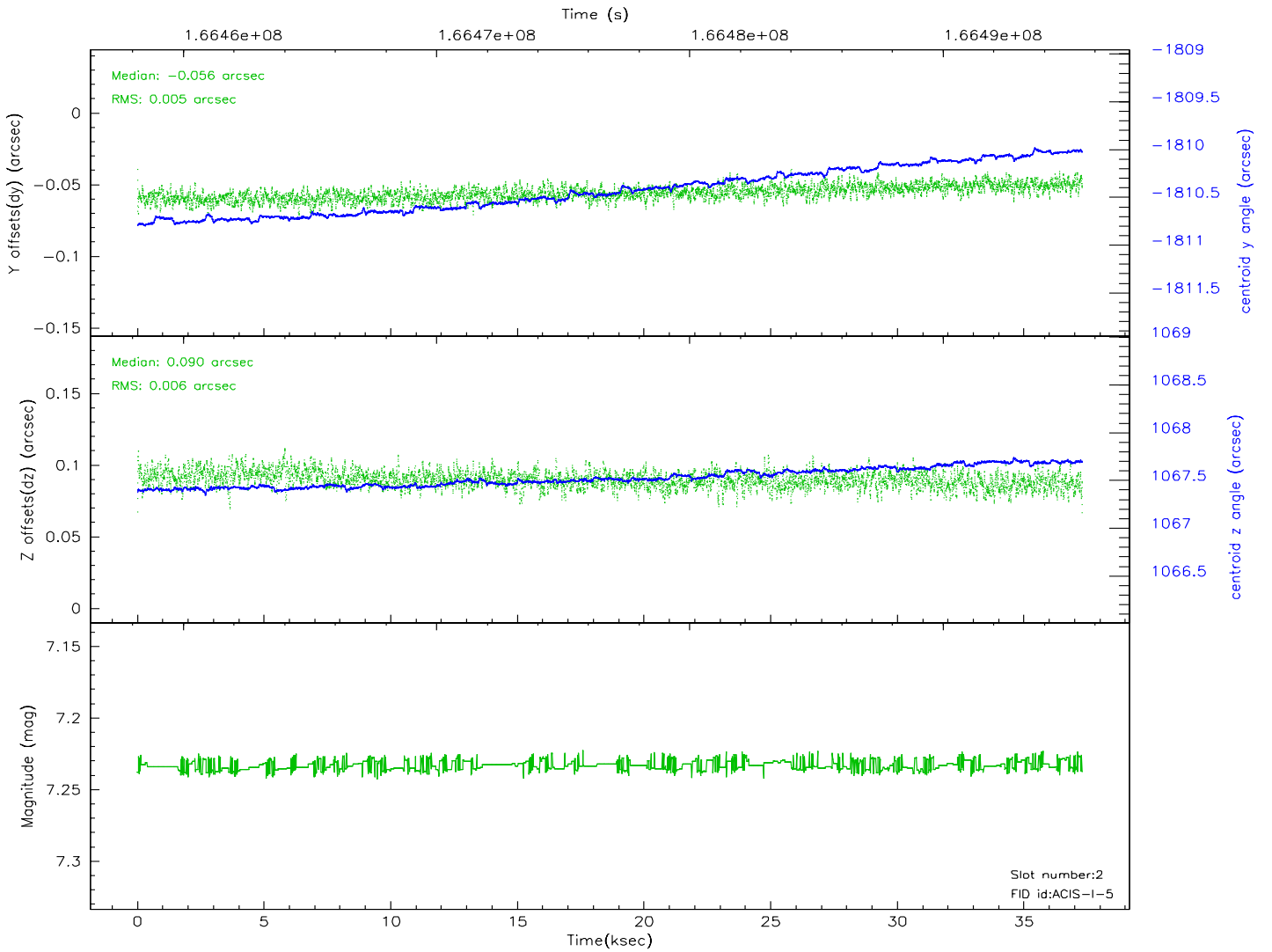
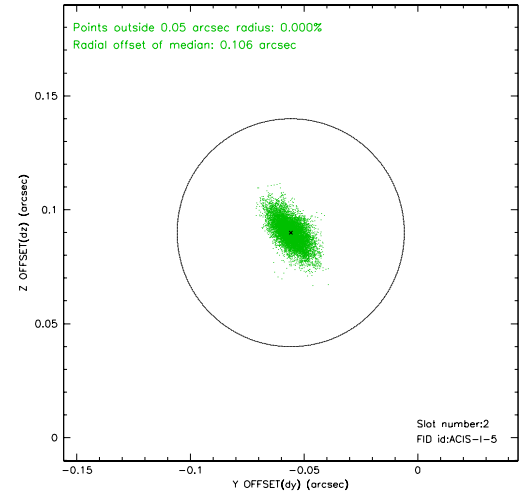
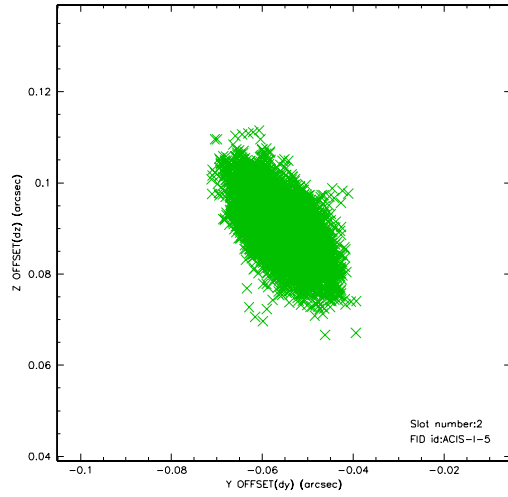
2.5.1 Slot 0



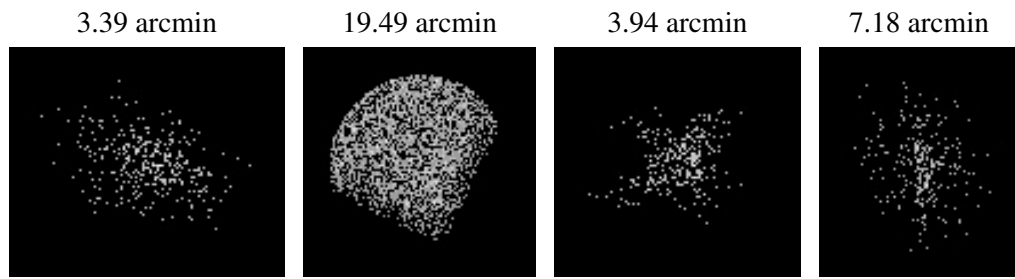
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.289

A.2 Comments