

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2579 - L2 Version 001
Chandra X-Ray Center

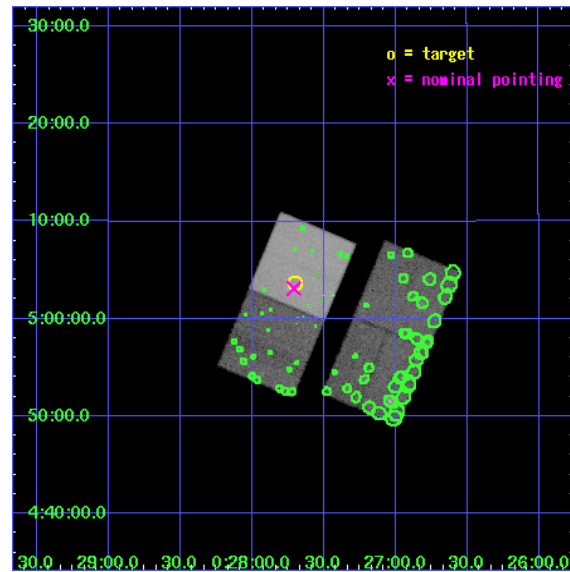
L2 Processing Date : Jan 21 2007

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1 Front

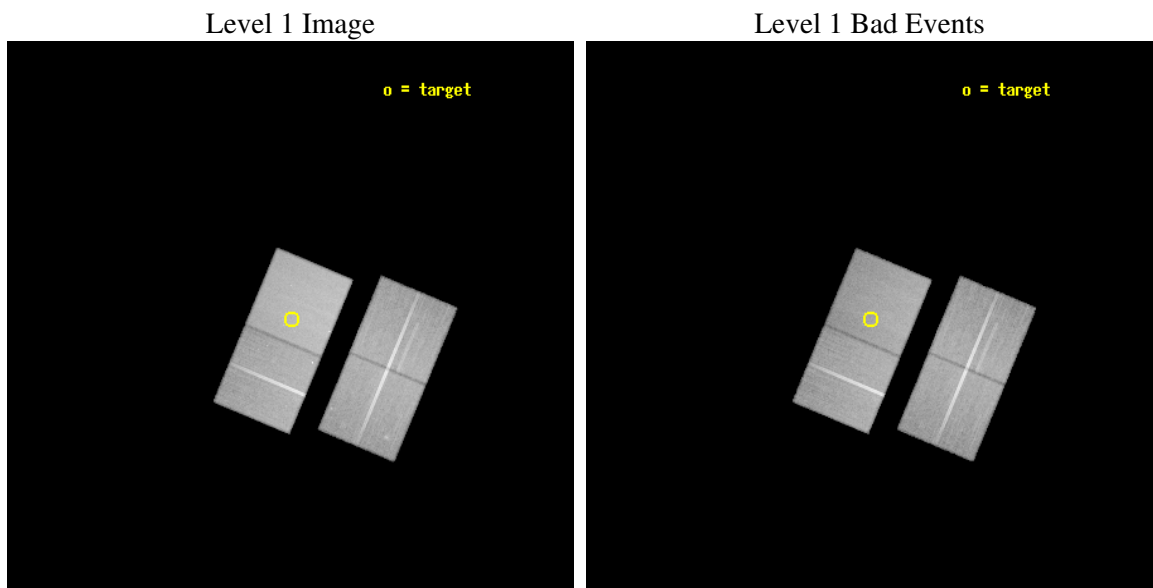
seq_num	200187
obs_id	2579
title	STUDY OF THE X-RAY EMISSION MECHANISM AND ITS EVOLUTION OF BROWN DWARFS
observer	Prof. Katsuji Koyama
object	PC 0025+0447
dtcycle	0
cycle	P
ra_targ	6.925
dec_targ	5.061389
ra_nom	6.9271030224021
dec_nom	5.0518955996497
roll_nom	292.68192026441
revision	2
ontime	67229.617980152
livetime	66351.213527517
ontime2	67220.195069402
ontime3	67220.195019543
ontime6	67223.335959882
ontime7	67229.617980152
l2events	350746



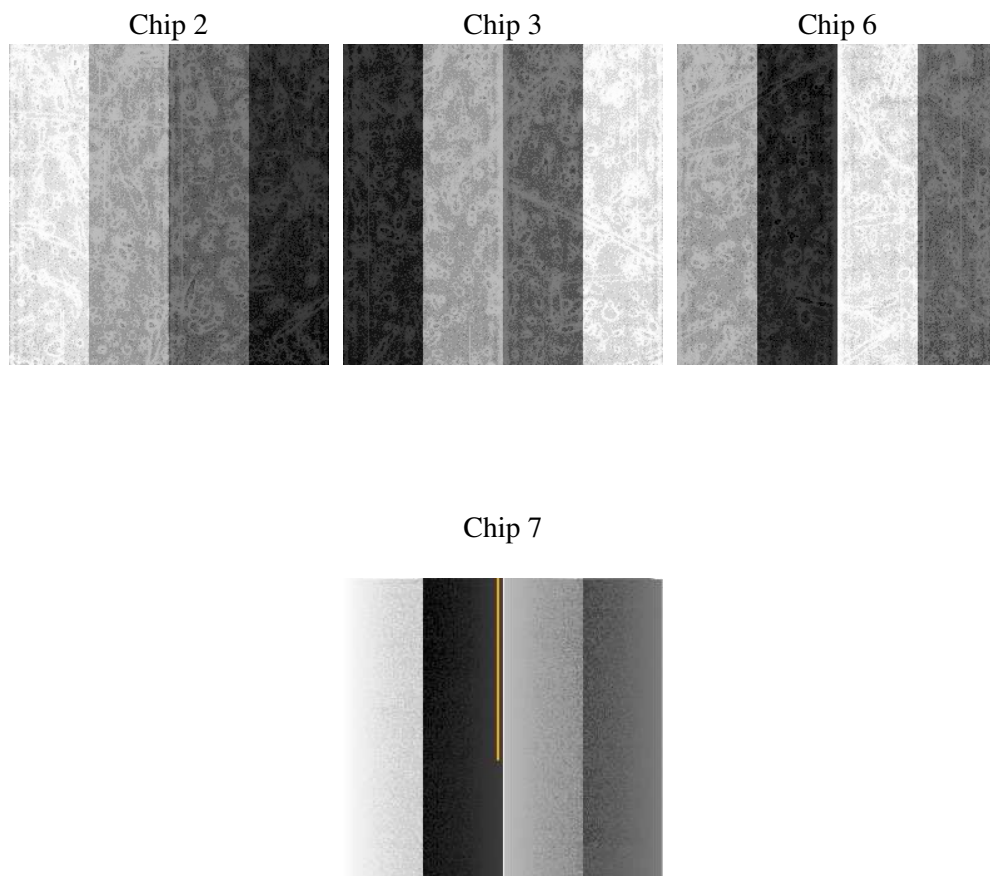
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-20T15:55:39
revision	2

sched_exp_time	67000.000000
ontime	67229.617980152
ontime2	67220.195069402
ontime3	67220.195019543
ontime6	67223.335959882
ontime7	67229.617980152
l1events	1795488

2.1.4 Events

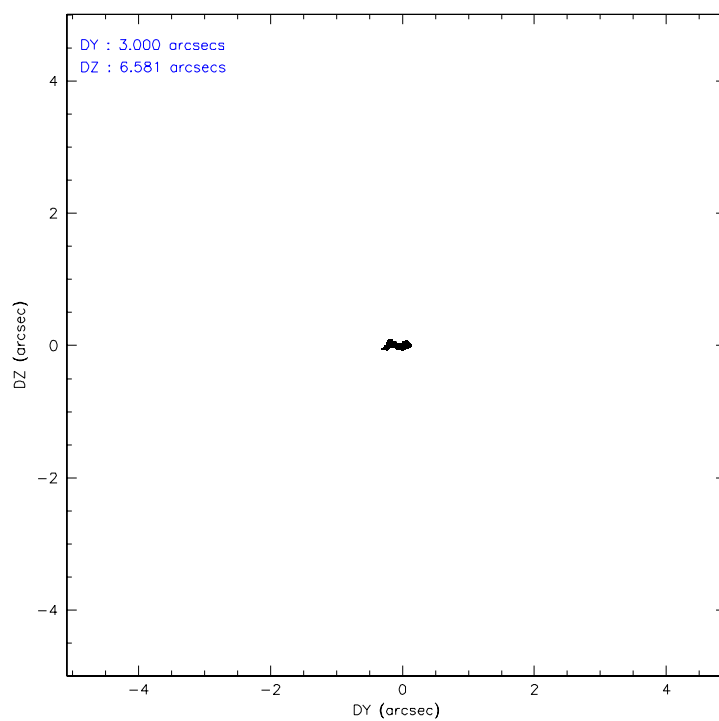
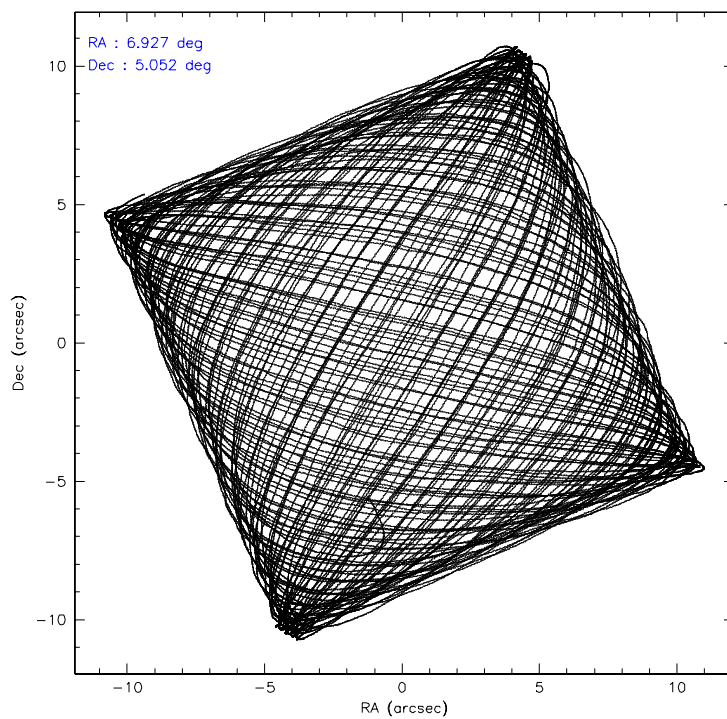
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	409034	414760	428569	543125
rejected events	359490	366163	378447	317666
rejected %	87%	88%	88%	58%

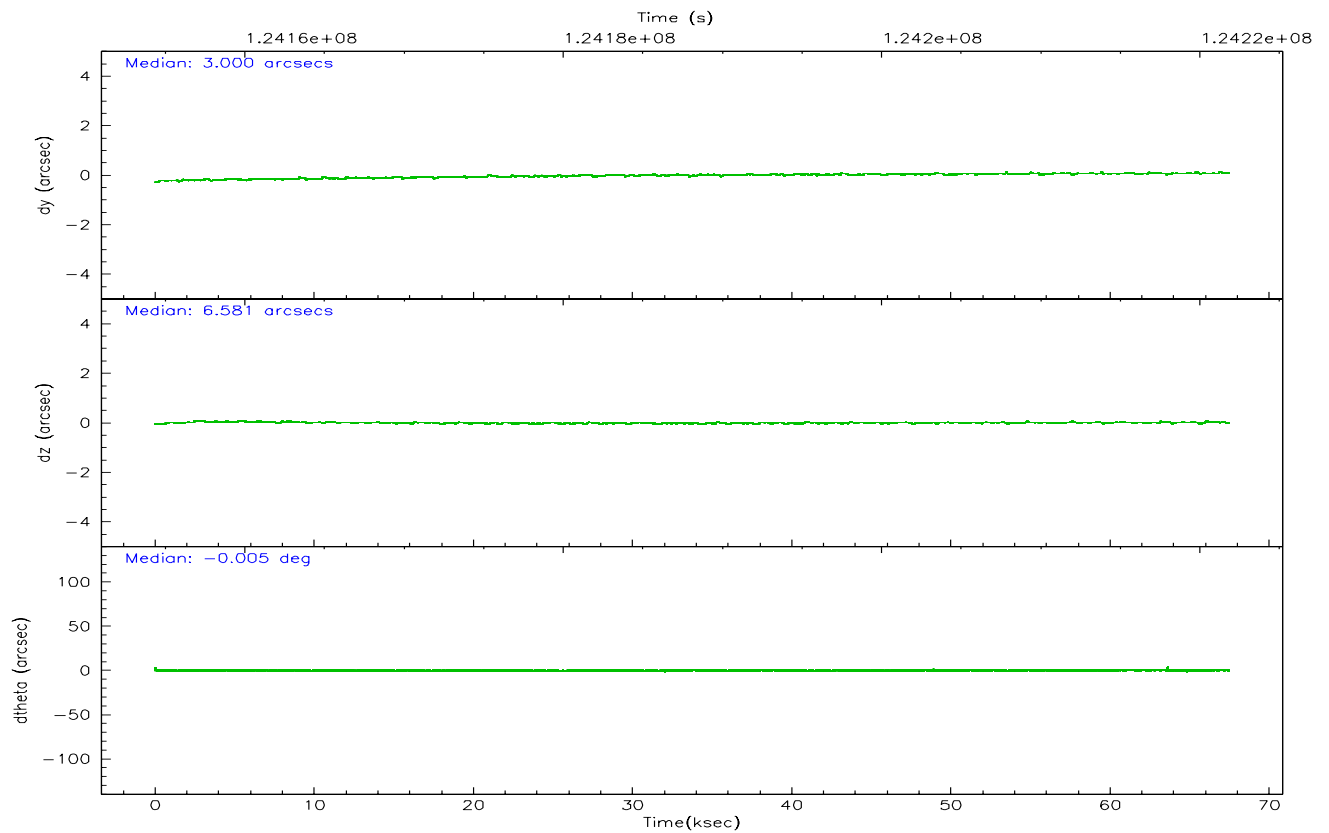
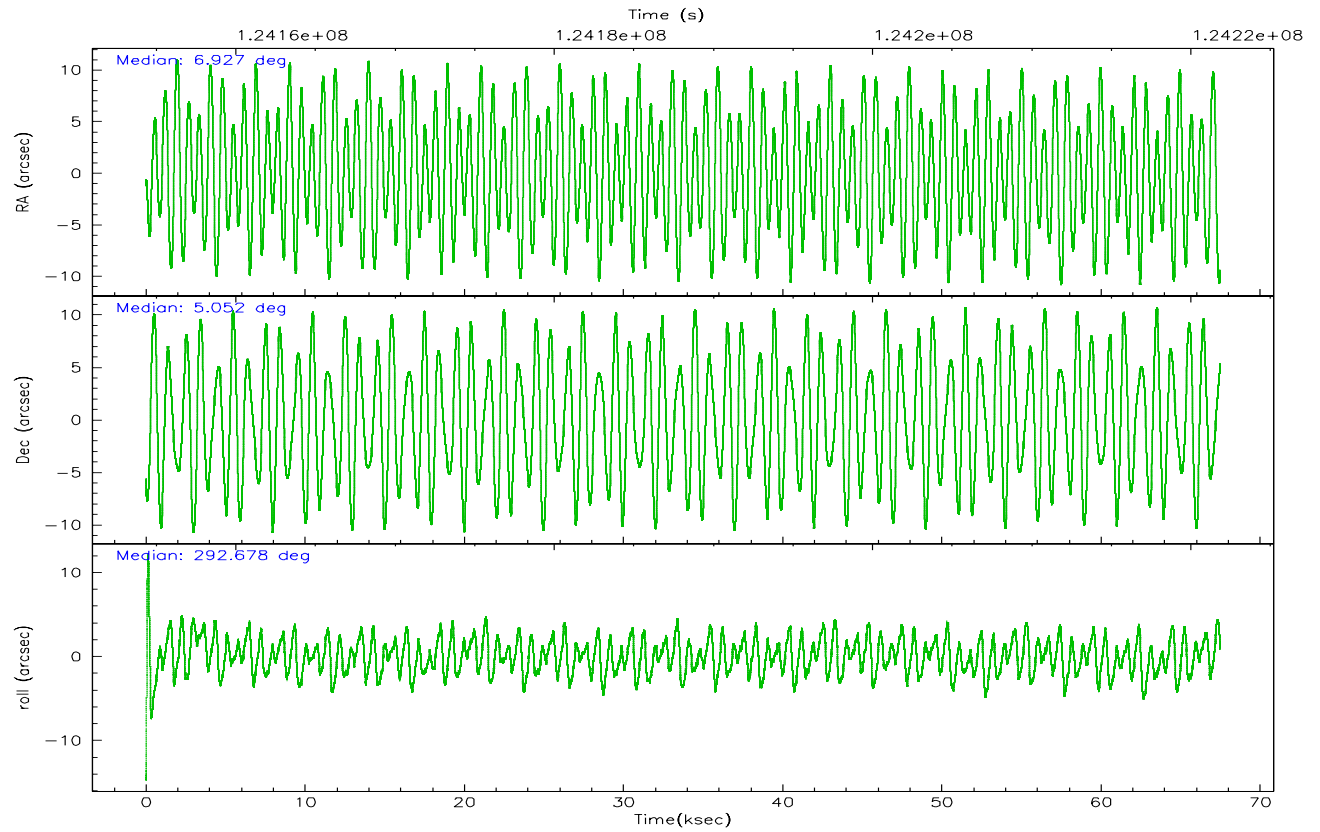
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	21666	20843	20384	20903
	5%	5%	4%	3%
grade 1 events	173	191	173	496
	0%	0%	0%	0%
grade 2 events	10455	9686	10111	43675
	2%	2%	2%	8%
grade 3 events	4567	4707	4816	20342
	1%	1%	1%	3%
grade 4 events	4515	4694	4924	20233
	1%	1%	1%	3%
grade 5 events	14260	16598	17991	51871
	3%	4%	4%	9%
grade 6 events	8345	8673	9889	120314
	2%	2%	2%	22%
grade 7 events	345053	349368	360281	265291
	84%	84%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-2367	ACIS-2367	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	6.905150	6.927103022402142	Subarray requested	NONE	NONE
Pointing Dec	5.068172	5.051895599649681	Alternating exposures requested	N	N
Pointing Roll	292.527237	292.6819202644106	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	124154844.184000	124153732.64111			
Observation start date	2001-12-07T23:26:20	2001-12-07T23:08:52			
Observation end time	124221844.184000	124222070.41885			
Observation end date	2001-12-08T18:03:00	2001-12-08T18:07:50			
Read mode	TIMED	TIMED			

2.3 Aspect



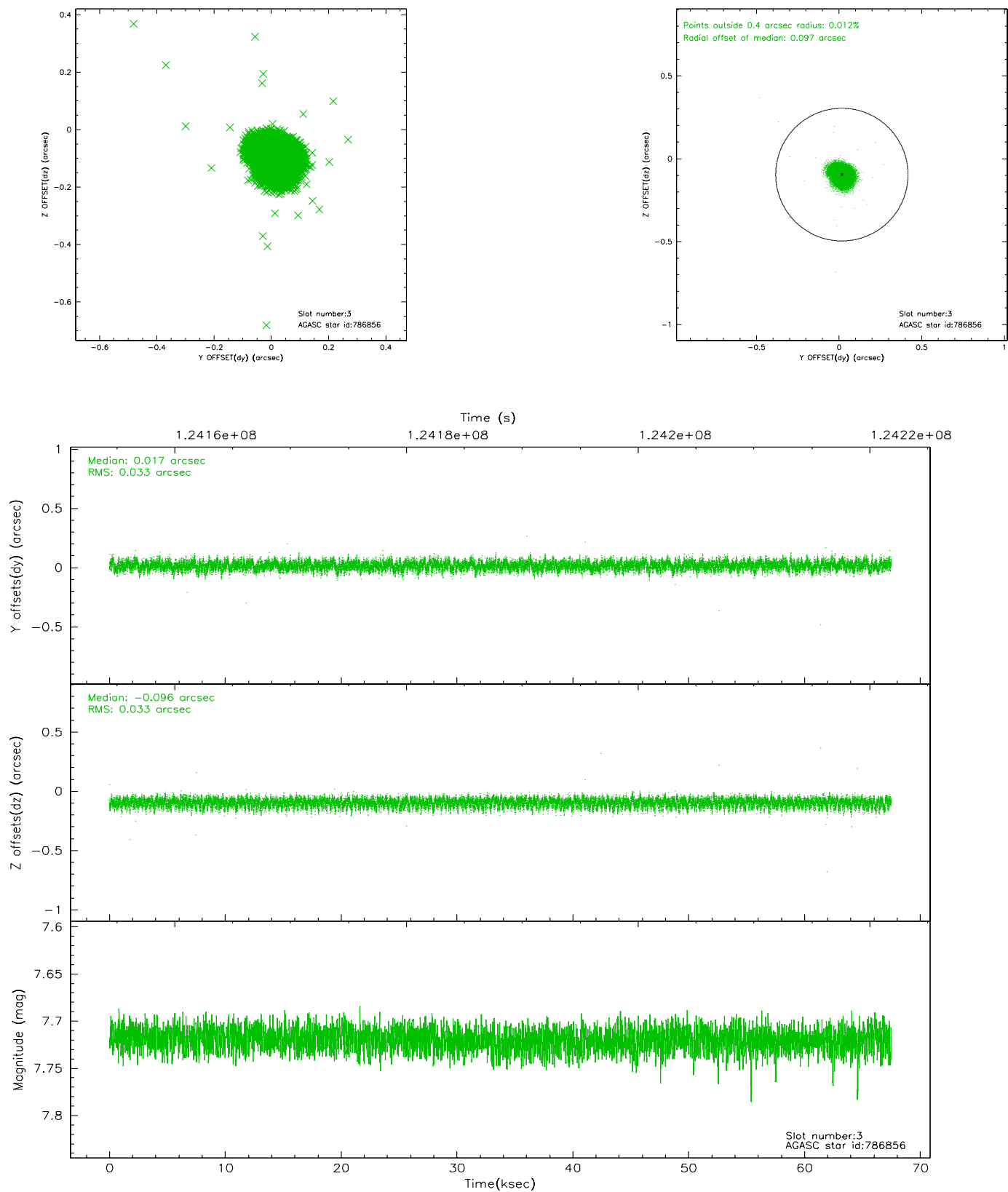


Slot Statistics

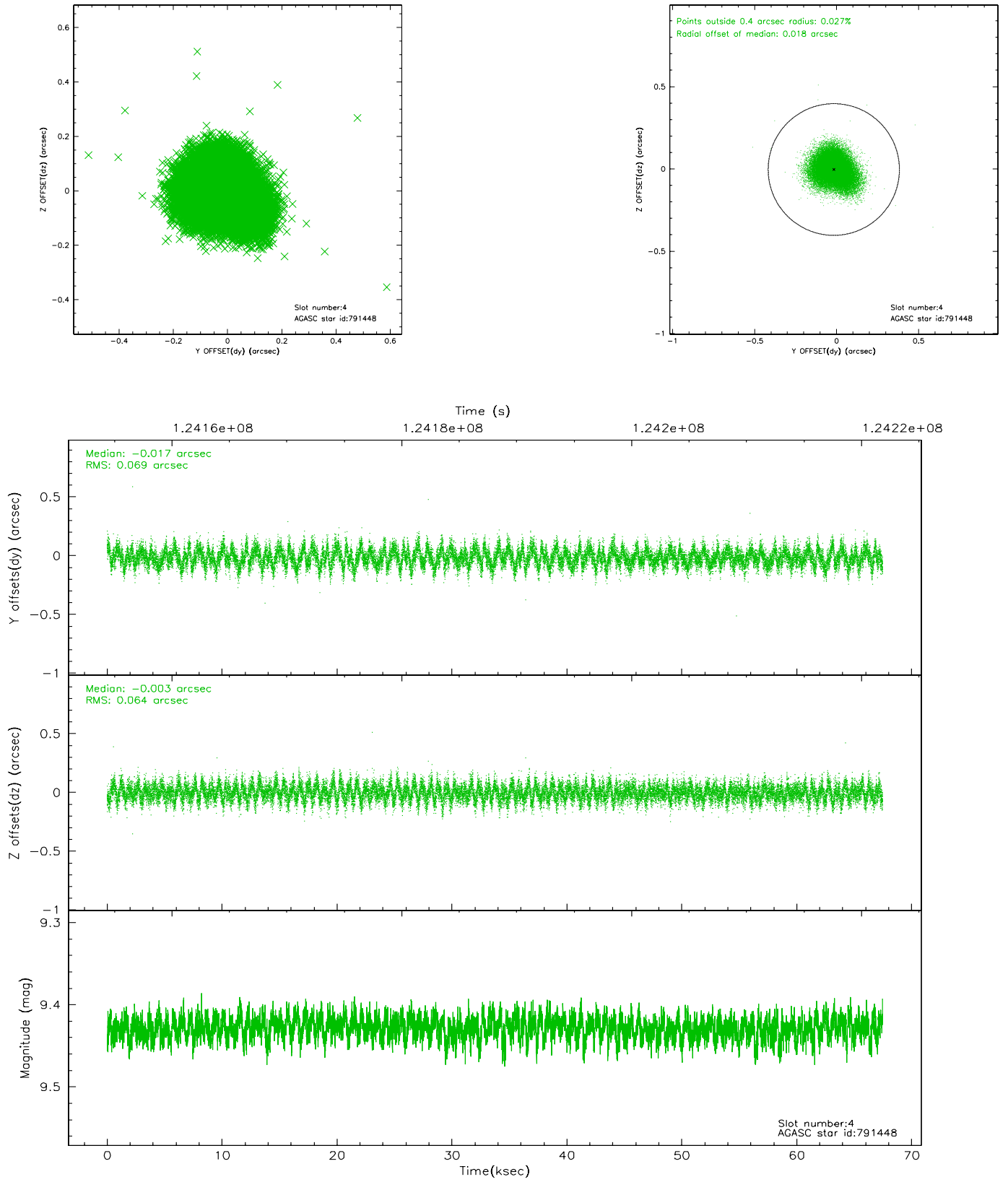
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	16457	0.016	0.018	0.006	0.011	0.000000	0.000000	-755.58	-1727.68
1	FID	ACIS-S-4	7.20	16456	-0.040	-0.008	0.006	0.010	0.000000	0.000000	2157.64	180.87
2	FID	ACIS-S-6	7.36	16457	-0.004	-0.003	0.007	0.011	0.000000	0.000000	406.28	818.19
3	GUIDE	786856	7.72	32904	0.017	-0.096	0.049	0.078	6.931054	4.607065	1569.21	-550.33
4	GUIDE	791448	9.43	32891	-0.017	-0.003	0.100	0.162	6.910121	4.890403	598.22	-228.88
5	GUIDE	1716312	6.73	32907	-0.031	-0.058	0.050	0.078	7.536188	4.860110	1558.15	1804.15
6	GUIDE	1185784	9.62	32897	-0.175	-0.031	0.100	0.162	6.807925	5.637440	-2026.30	463.02
7	GUIDE	1710096	9.19	32906	0.205	0.193	0.082	0.131	7.690943	4.675301	2385.58	2063.16

2.4 Star Slots

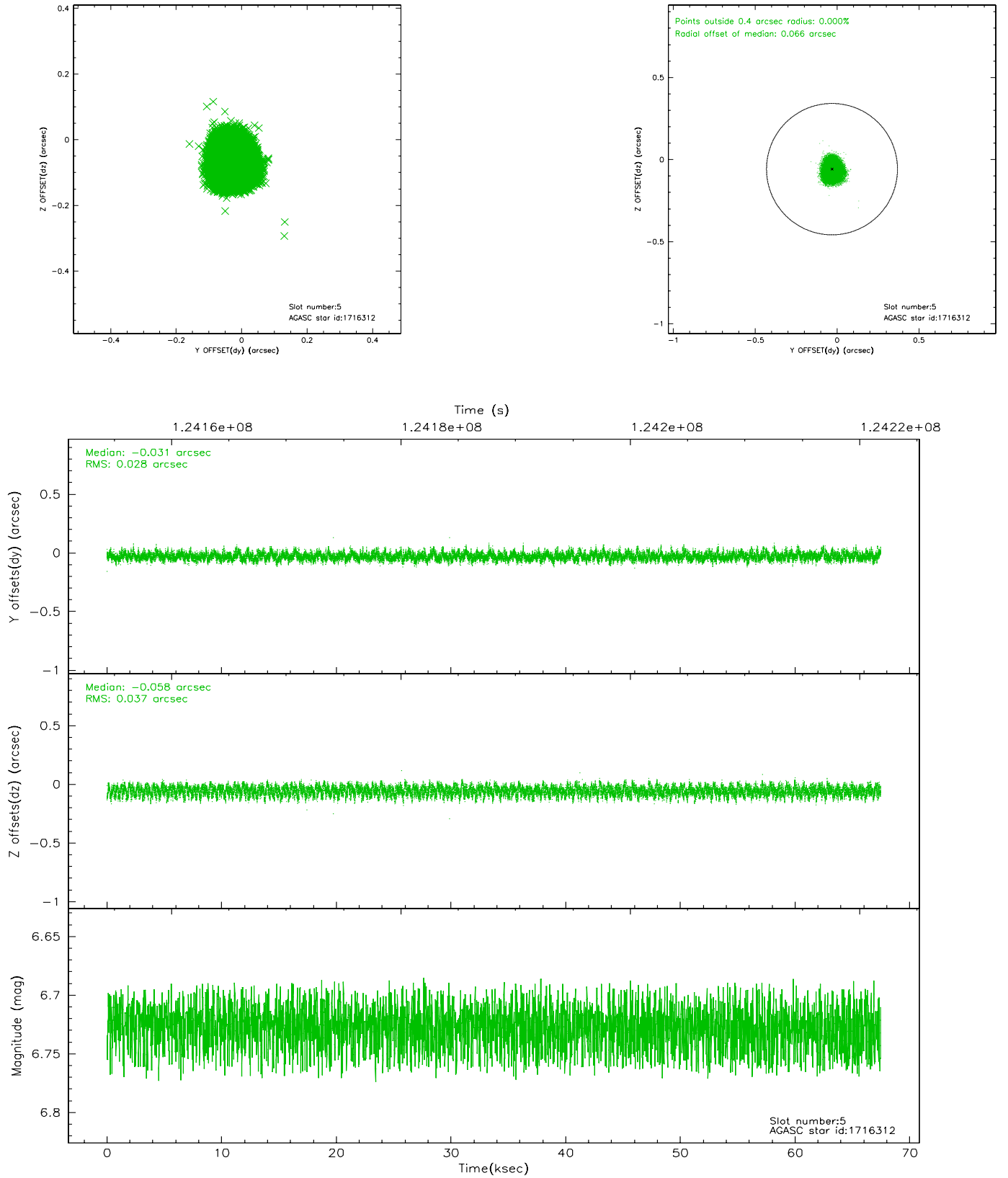
2.4.1 Slot 3



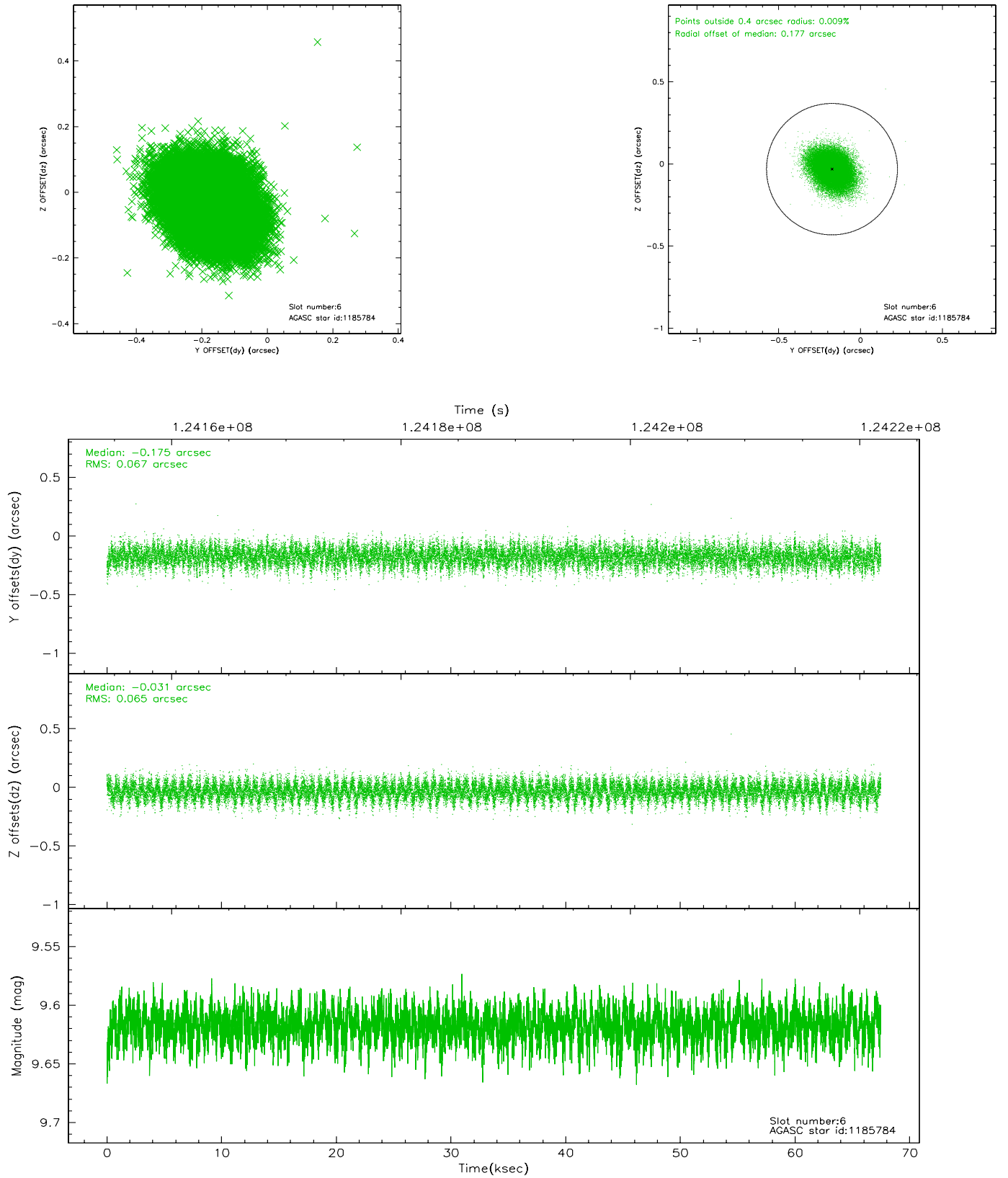
2.4.2 Slot 4



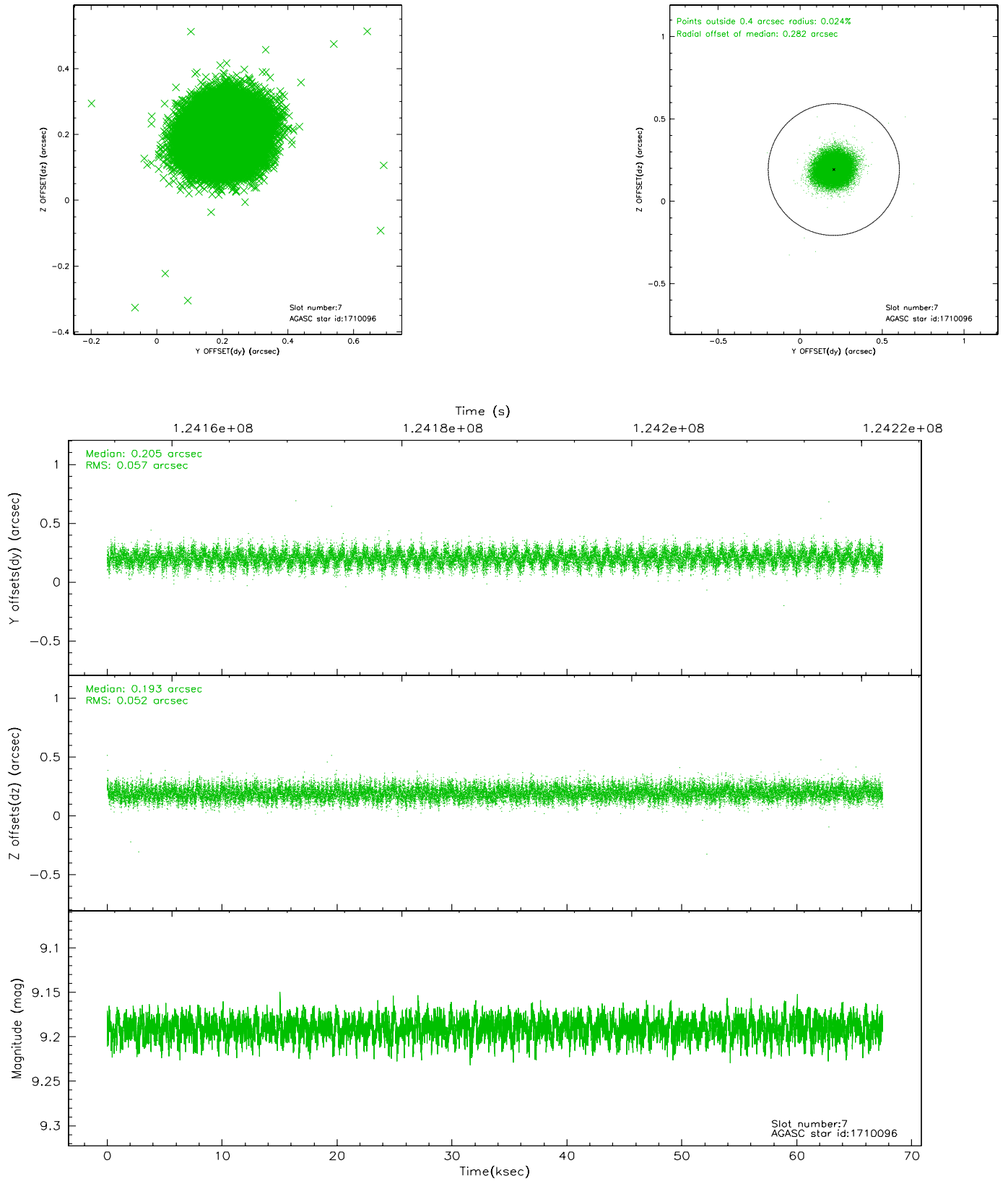
2.4.3 Slot 5



2.4.4 Slot 6

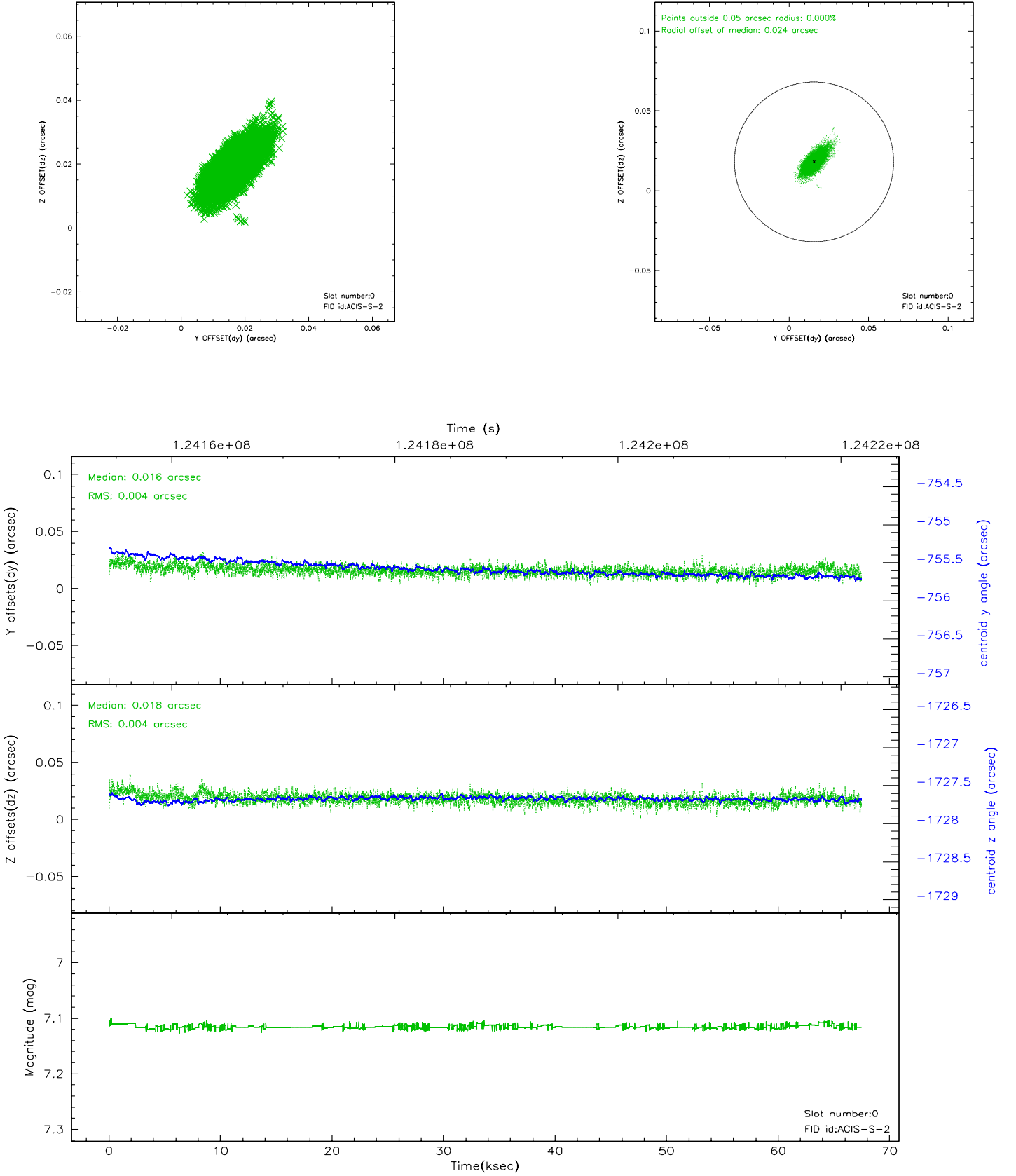


2.4.5 Slot 7

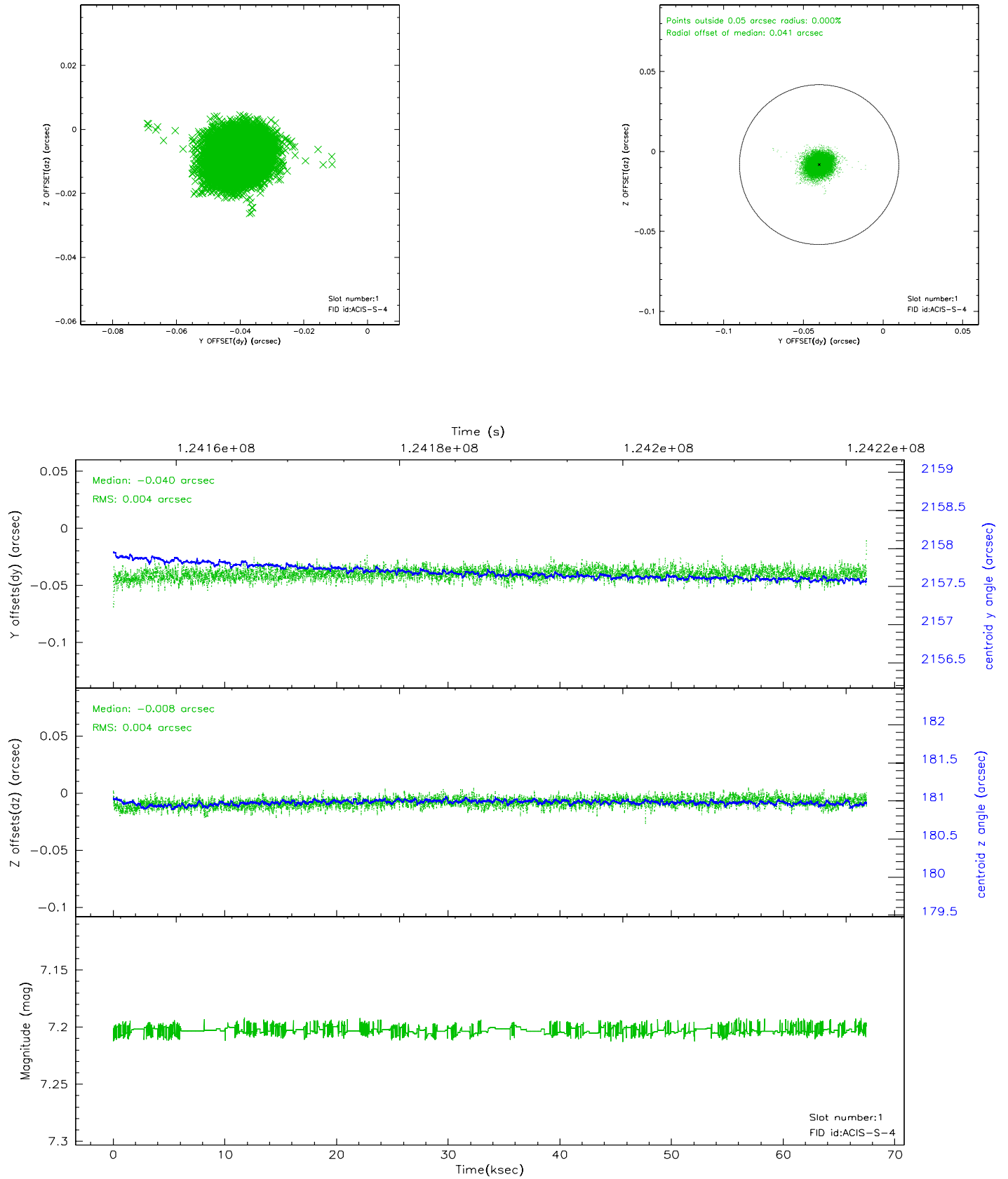


2.5 FID Slots

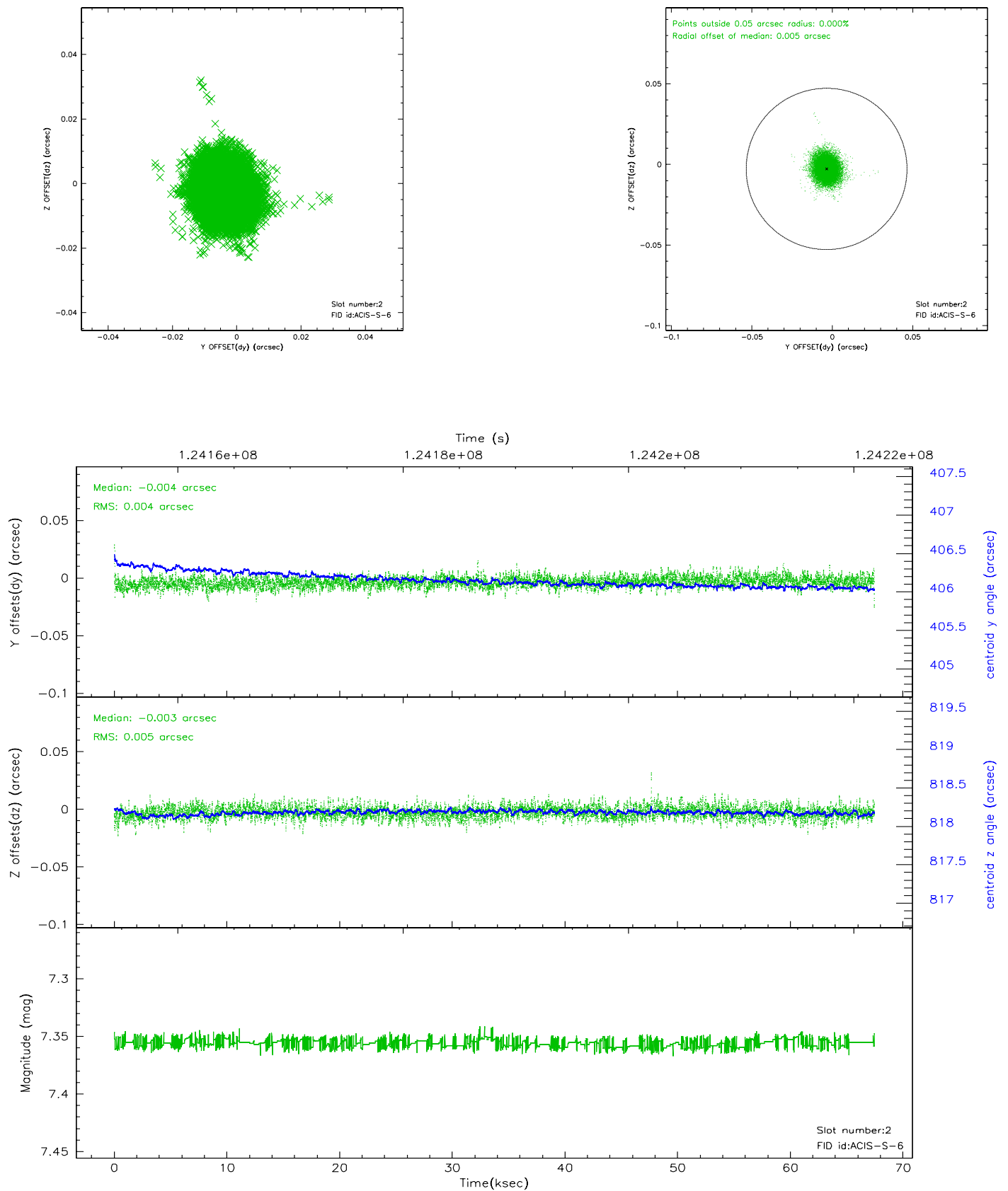
2.5.1 Slot 0



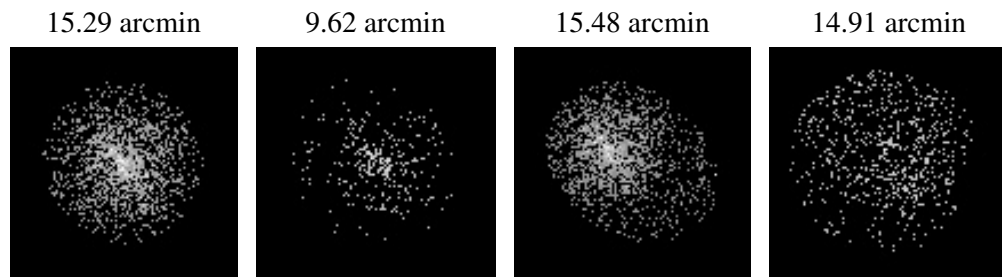
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	67.229

A.2 Comments