

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3209 - L2 Version 001
Chandra X-Ray Center

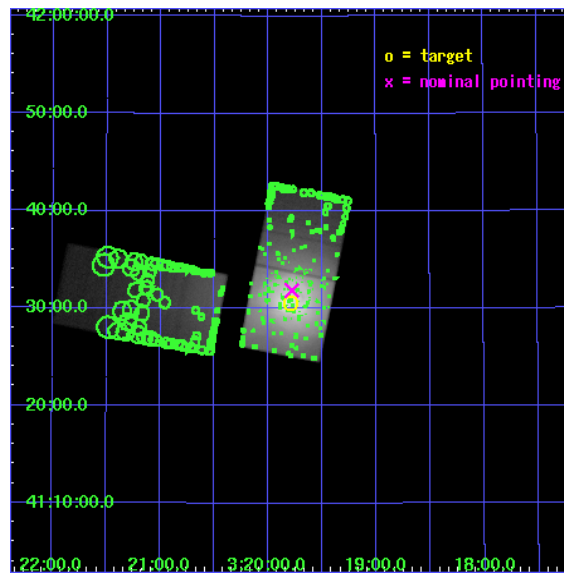
L2 Processing Date : Sep 30 2006

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1 Front

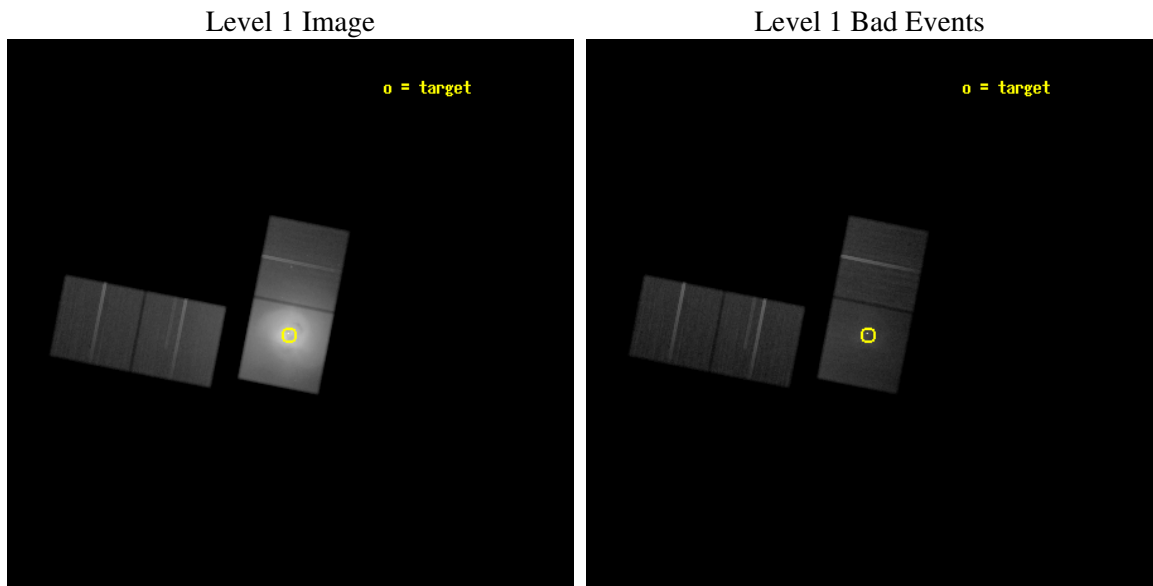
seq_num	800209
obs_id	3209
title	A DETAILED STUDY OF THE CORE OF THE PERSEUS CLUSTER
observer	Prof Andrew Fabian
object	ABELL 426
dtcycle	0
cycle	P
ra_targ	49.948333
dec_targ	41.510278
ra_nom	49.945243138839
dec_nom	41.530927458272
roll_nom	101.18695437781
revision	2
ontime	97042.358853191
livetime	95774.428993229
ontime1	97045.499813408
ontime3	97039.217892945
ontime6	97045.499813408
ontime7	97042.358853191
l2events	9282633



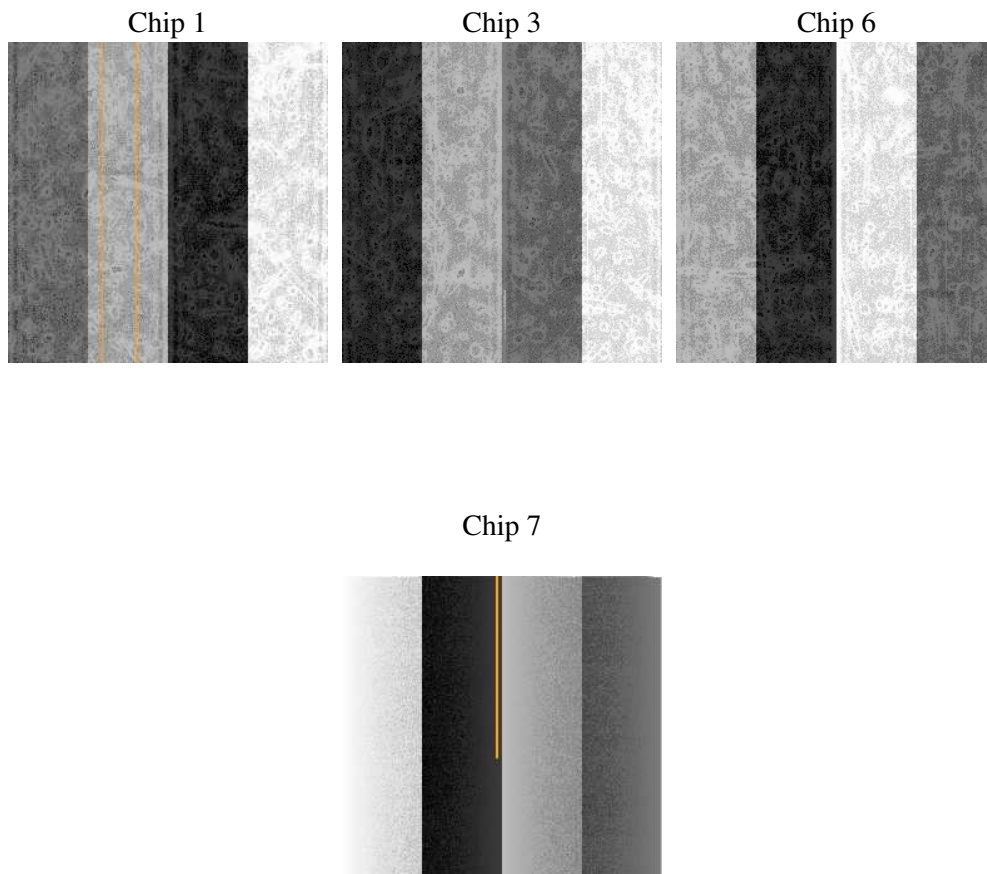
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-30T14:34:05
revision	2

sched_exp_time	97000.000000
ontime	97047.509565711
ontime1	97053.791536003
ontime3	97047.509615541
ontime6	97050.650525928
ontime7	97047.509565711
l1events	11540686

2.1.4 Events

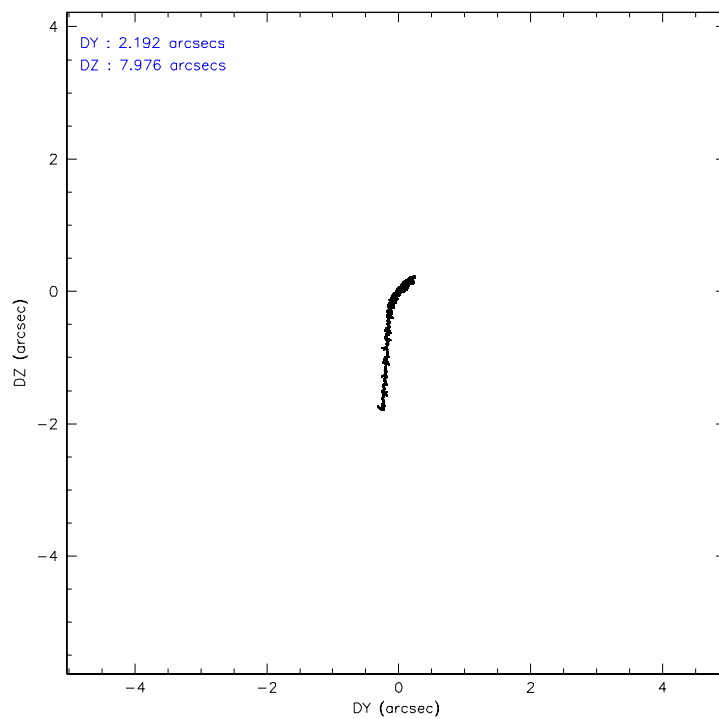
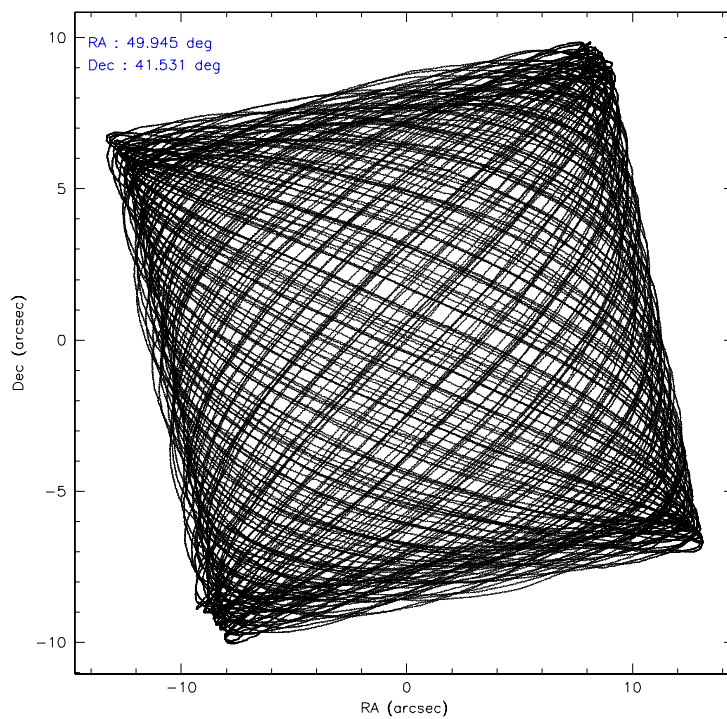
	ccd 1	ccd 3	ccd 6	ccd 7
level 1 events	672824	1001553	1451226	8415083
rejected events	469061	501468	538896	597835
rejected %	69%	50%	37%	7%

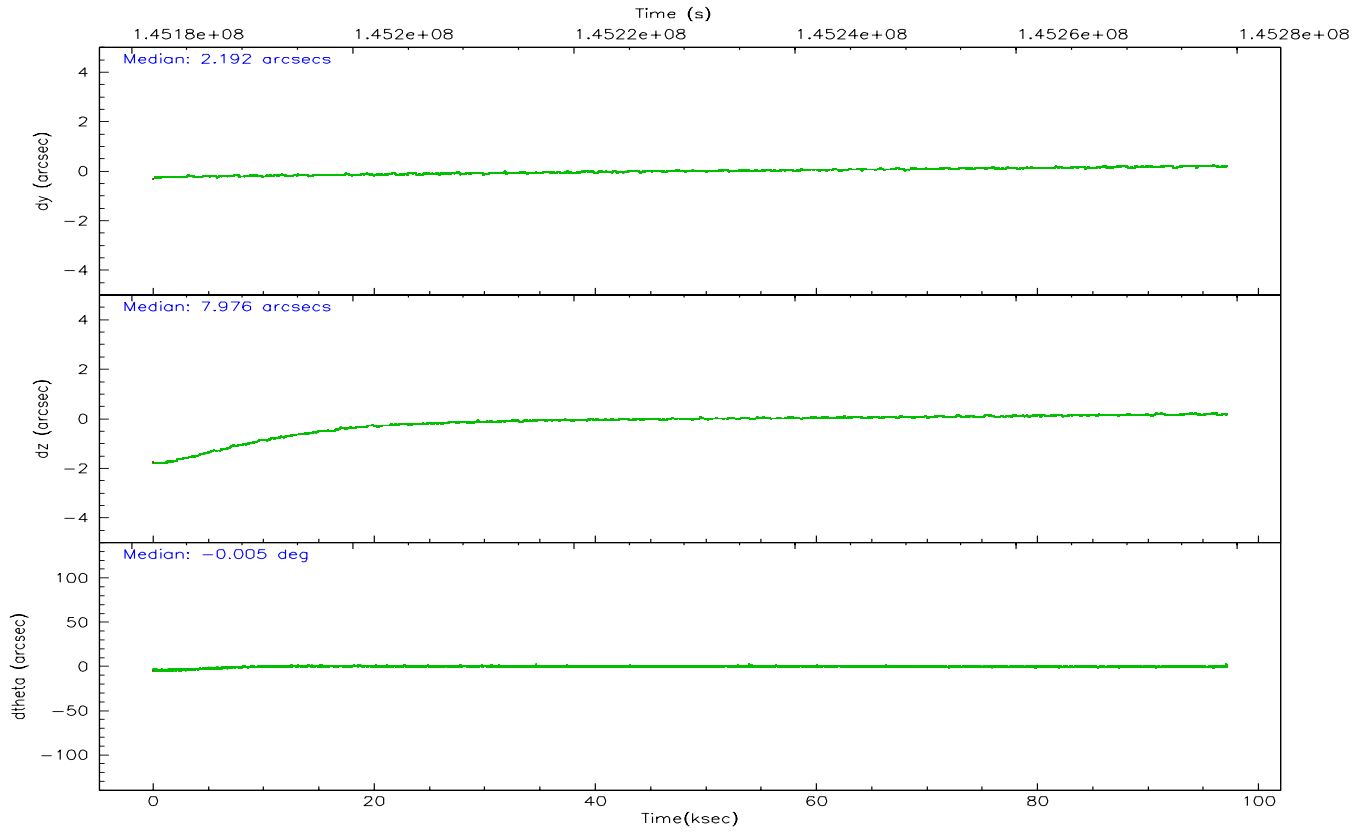
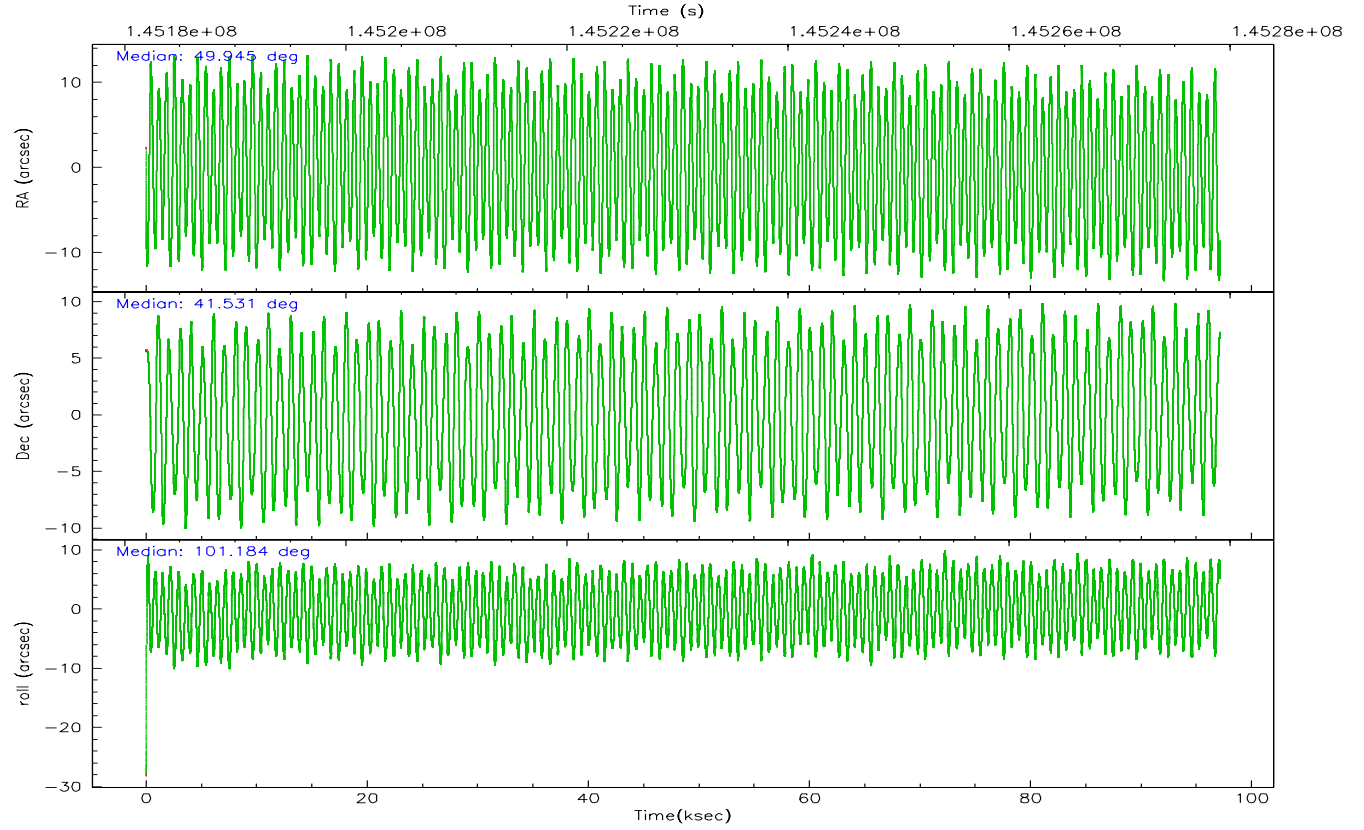
	ccd 1	ccd 3	ccd 6	ccd 7
grade 0 events	135703	380566	707858	1974007
	20%	37%	48%	23%
grade 1 events	629	1781	2702	4855
	0%	0%	0%	0%
grade 2 events	28287	56184	100259	2231187
	4%	5%	6%	26%
grade 3 events	11626	20541	33130	846226
	1%	2%	2%	10%
grade 4 events	11195	20348	33143	833206
	1%	2%	2%	9%
grade 5 events	23667	25511	28637	108528
	3%	2%	1%	1%
grade 6 events	16967	22483	37970	1932996
	2%	2%	2%	22%
grade 7 events	444750	474139	507527	484078
	66%	47%	34%	5%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-1367	ACIS-1367	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	49.969554	49.94524313883917	Subarray requested	NONE	NONE
Pointing Dec	41.510654	41.5309274582719	Alternating exposures requested	N	N
Pointing Roll	101.014214	101.1869543778088	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	145182091.184000	145181093.94507			
Observation start date	2002-08-08T08:20:27	2002-08-08T08:04:53			
Observation end time	145279091.184000	145279811.18663			
Observation end date	2002-08-09T11:17:07	2002-08-09T11:30:11			
Read mode	TIMED	TIMED			

2.3 Aspect



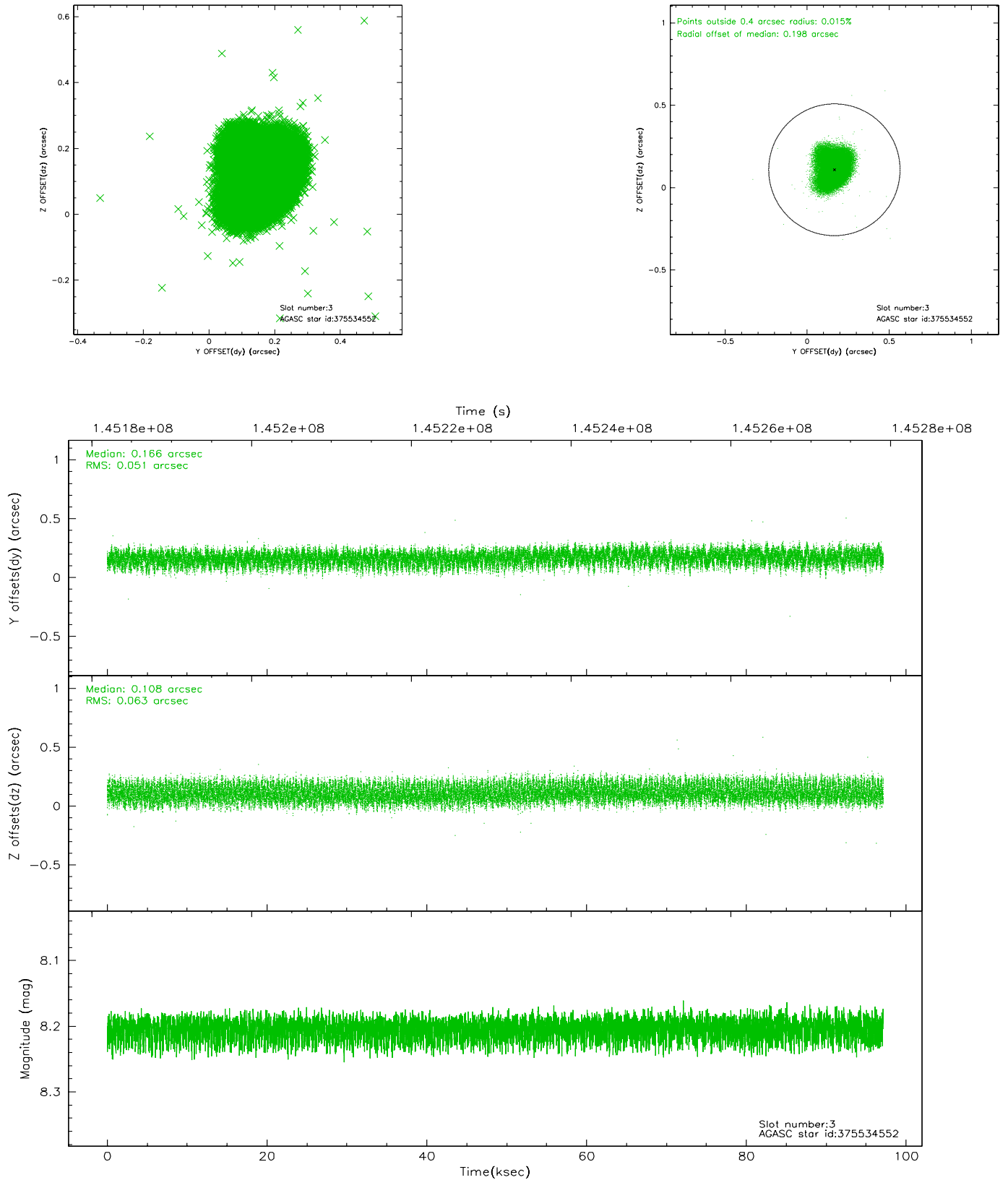


Slot Statistics

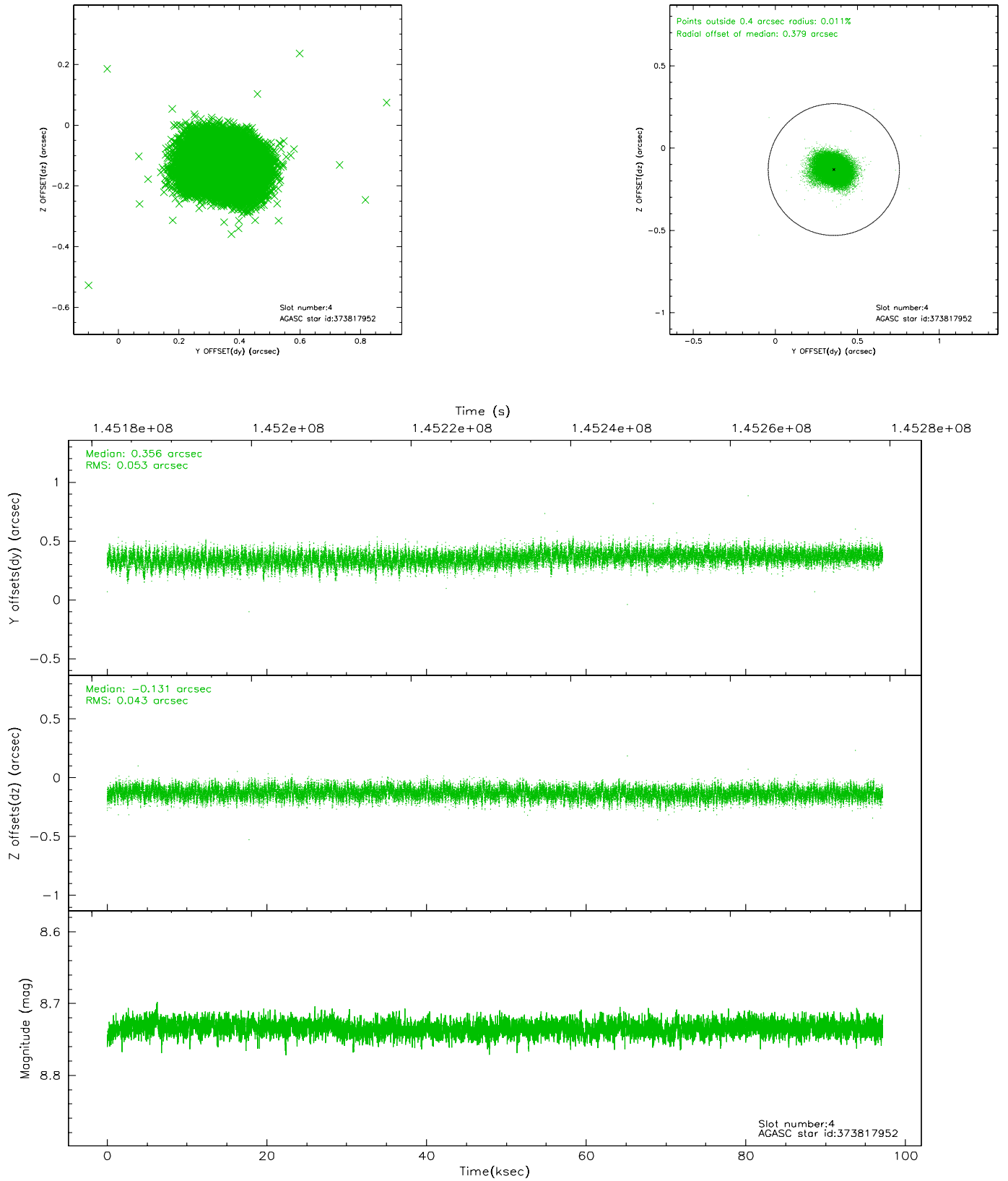
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	23696	0.009	0.007	0.021	0.037	0.000000	0.000000	941.21	-1724.62
1	FID	ACIS-S-5	7.24	23696	0.026	0.036	0.015	0.026	0.000000	0.000000	-1807.78	173.09
2	FID	ACIS-S-6	7.36	23695	-0.060	-0.033	0.019	0.062	0.000000	0.000000	406.83	816.86
3	GUIDE	375534552	8.20	47389	0.166	0.108	0.087	0.138	50.877490	41.206927	-1530.39	-2206.78
4	GUIDE	373817952	8.73	47375	0.356	-0.131	0.071	0.120	49.913424	40.978510	-1851.10	516.00
5	GUIDE	376068632	8.78	47377	-0.189	0.147	0.078	0.127	50.582093	42.167240	2013.45	-2056.29
6	GUIDE	374357808	8.69	47376	-0.177	0.030	0.071	0.116	49.921429	42.176083	2375.72	-331.04
7	GUIDE	374358688	9.31	47374	-0.152	-0.158	0.084	0.137	49.259903	42.100043	2452.28	1454.37

2.4 Star Slots

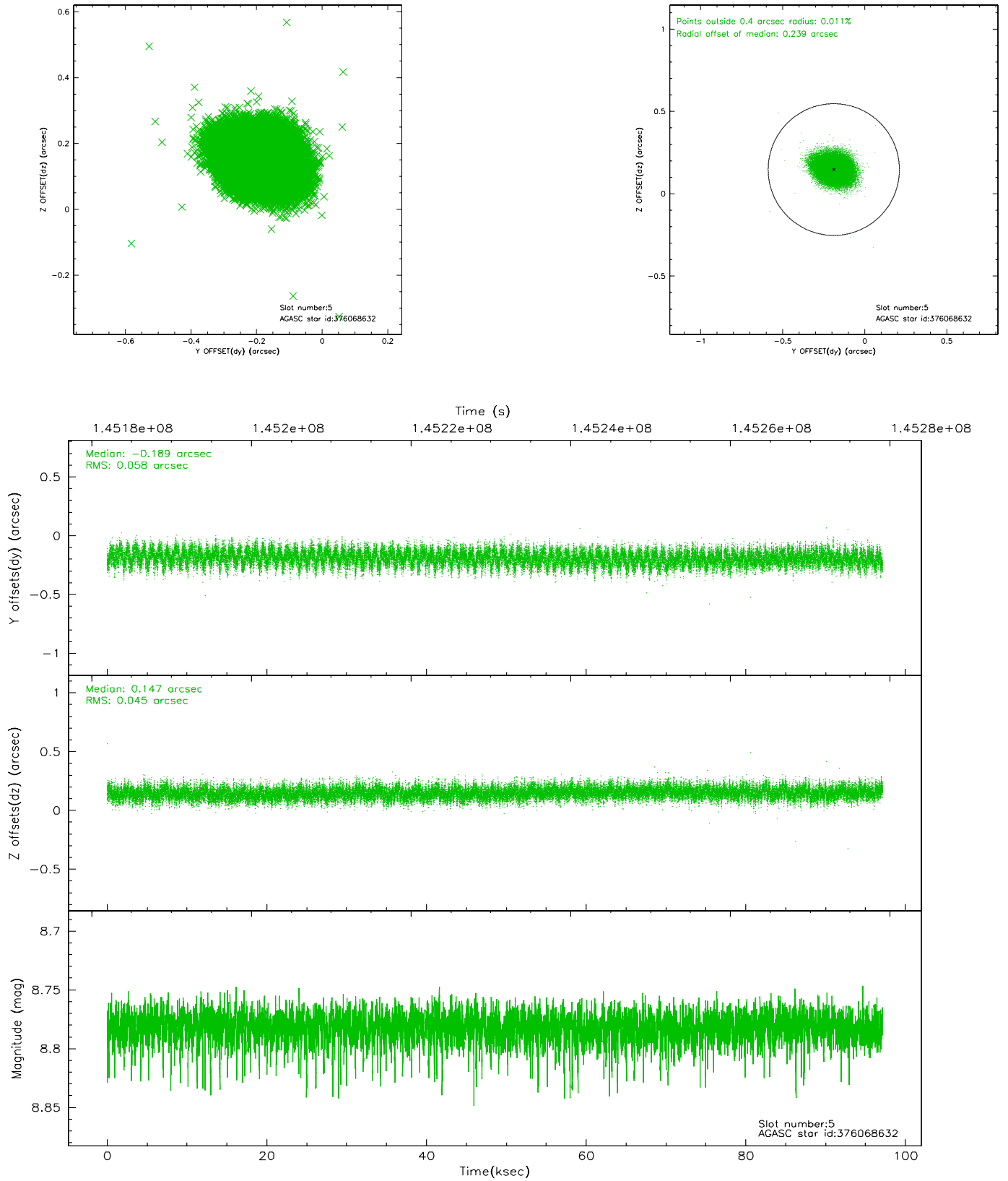
2.4.1 Slot 3



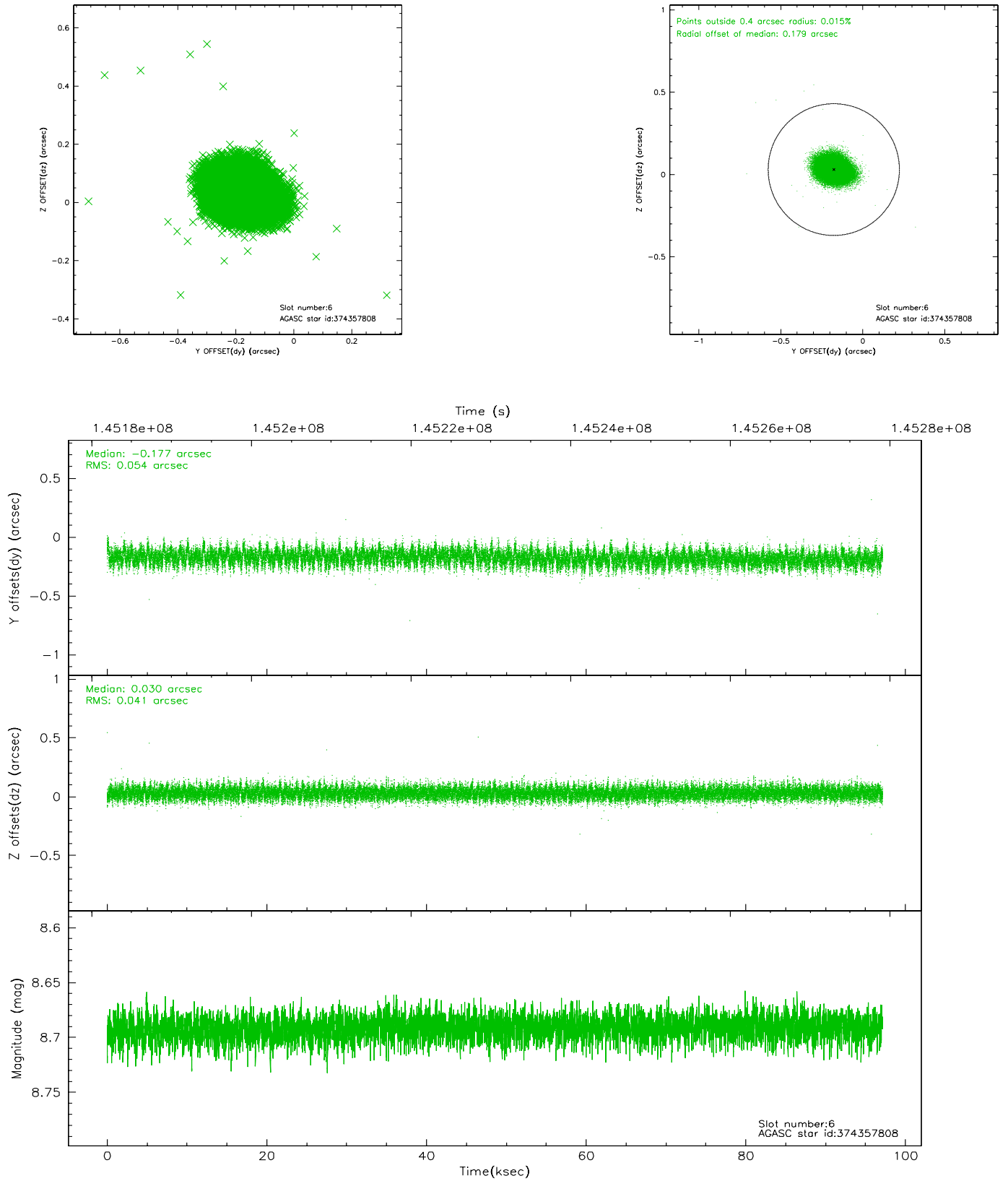
2.4.2 Slot 4



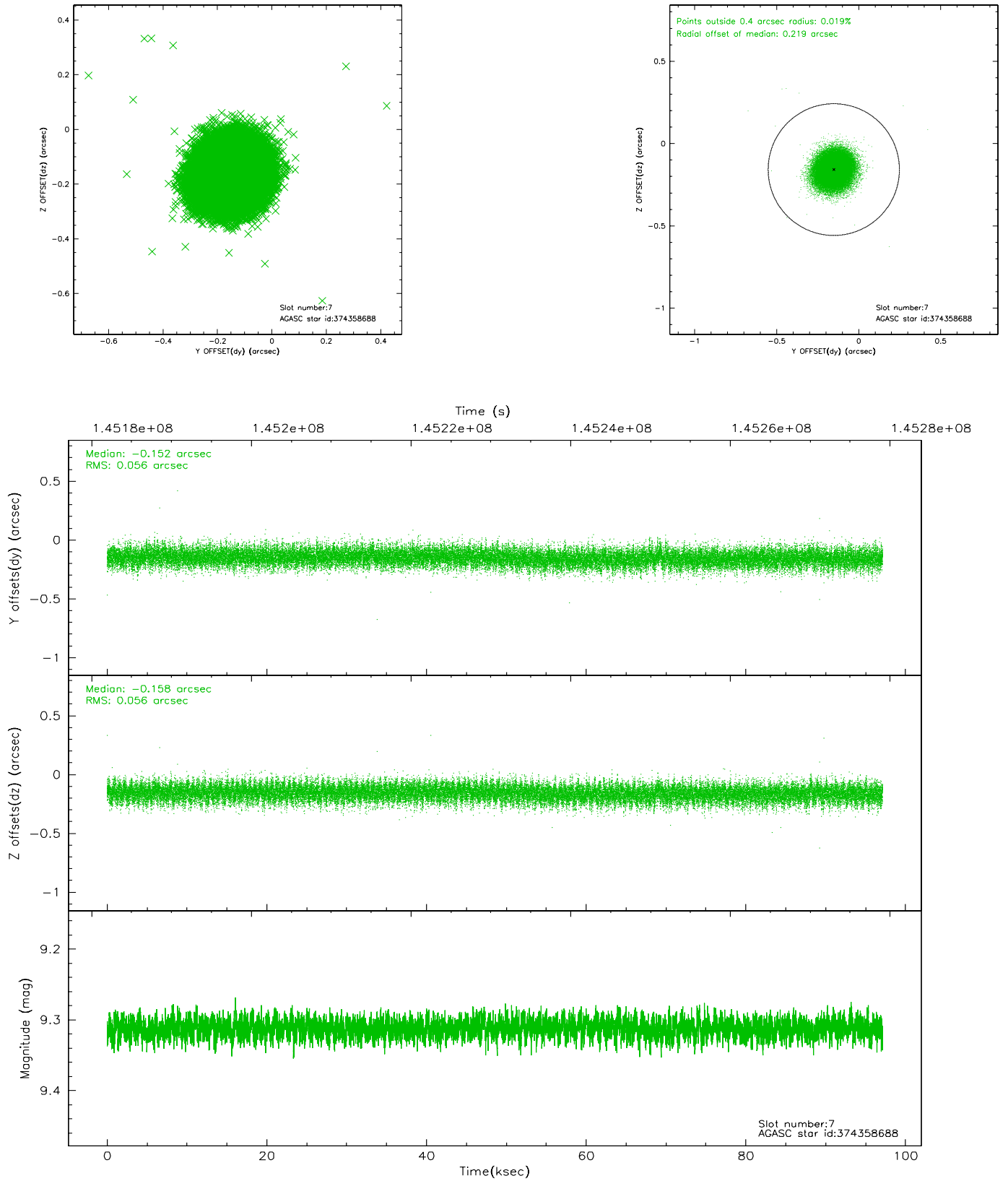
2.4.3 Slot 5



2.4.4 Slot 6

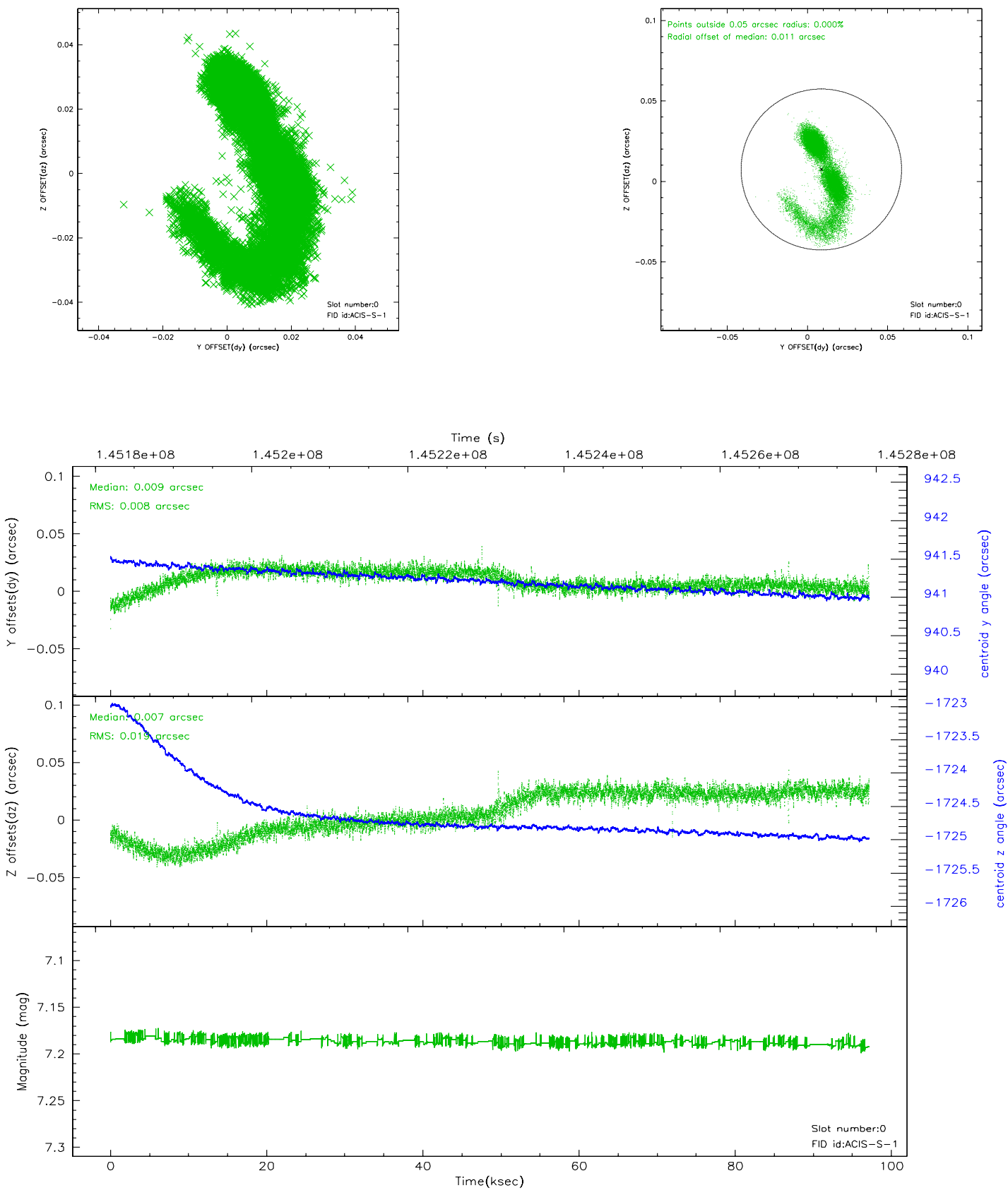


2.4.5 Slot 7

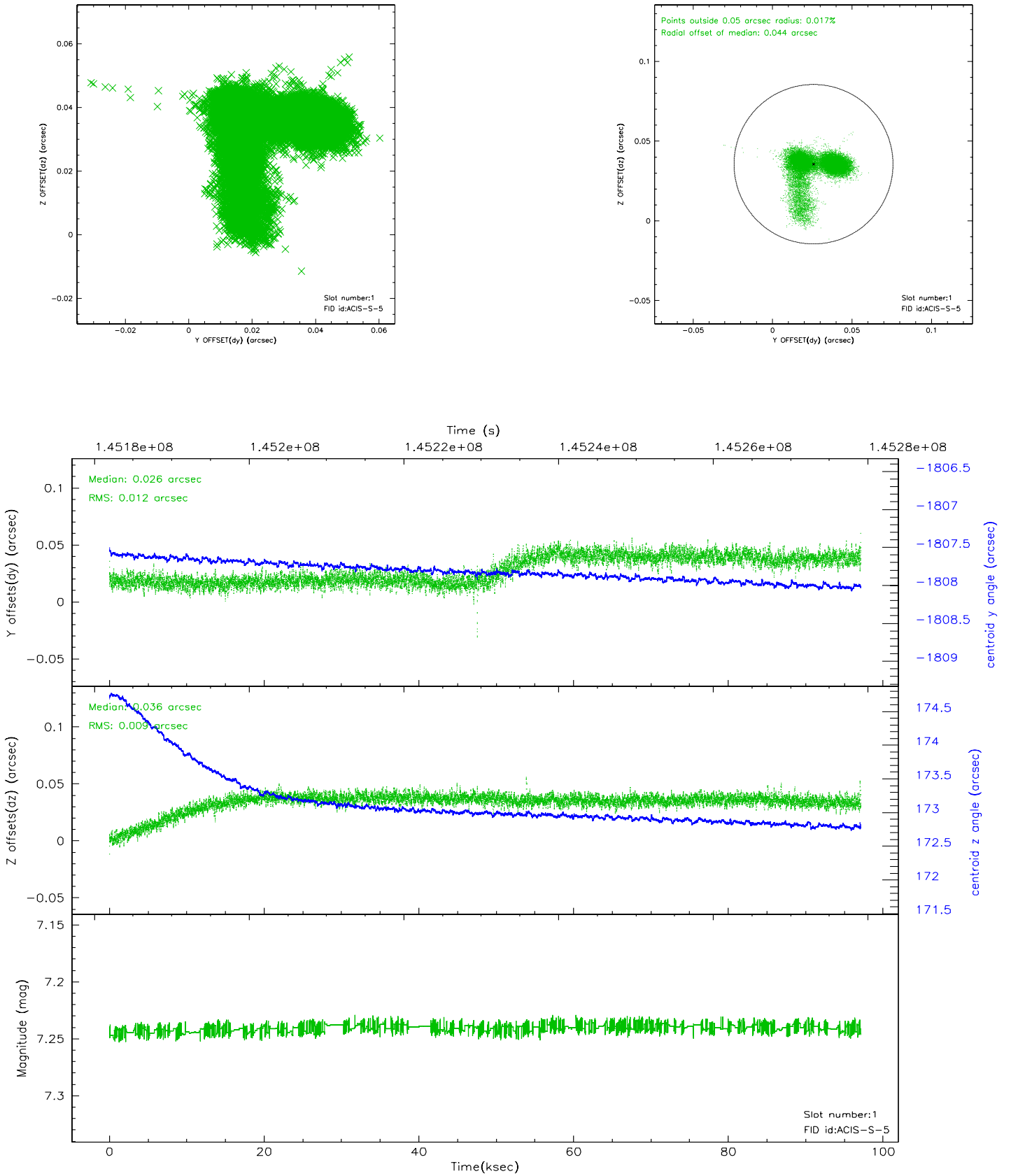


2.5 FID Slots

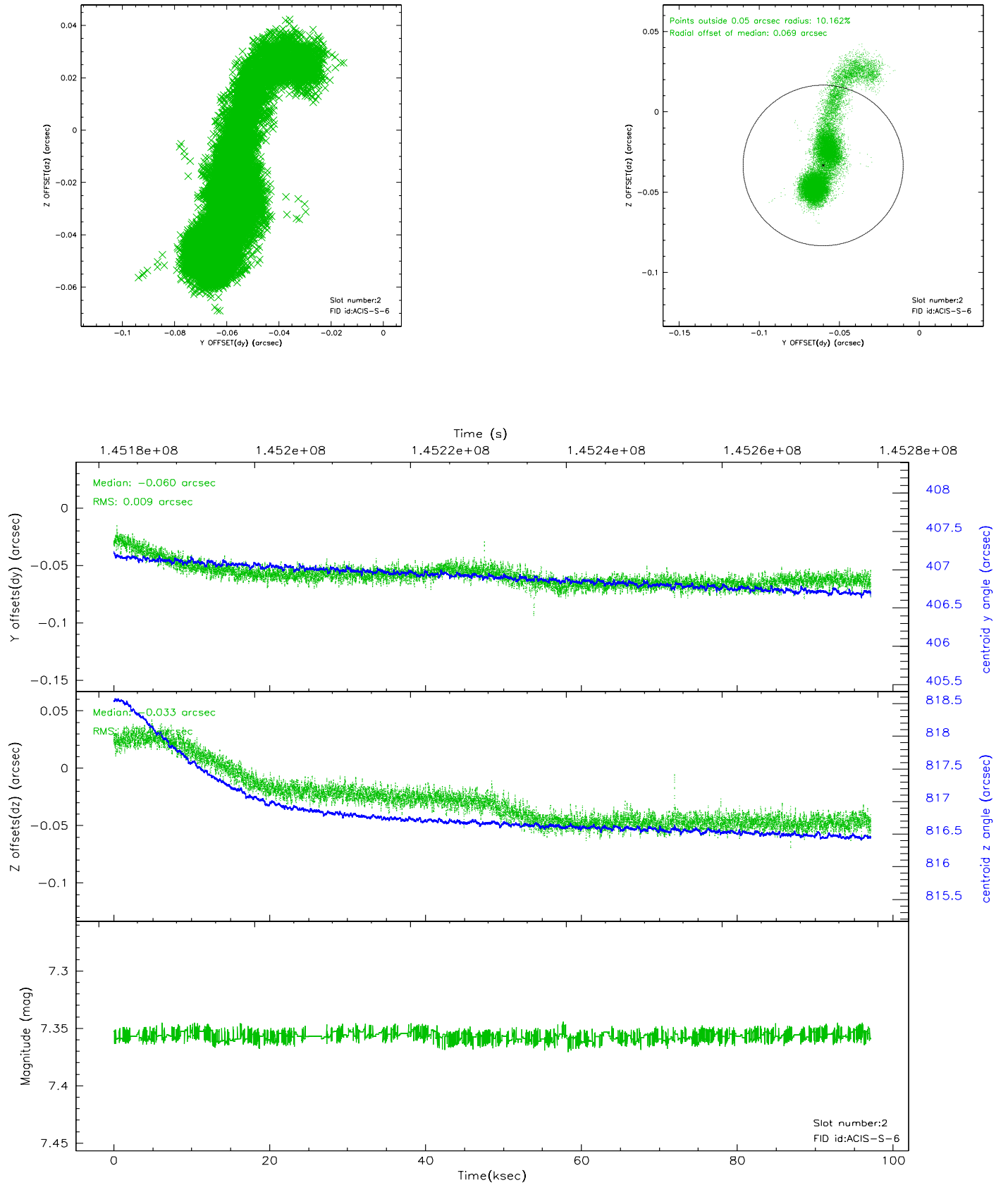
2.5.1 Slot 0



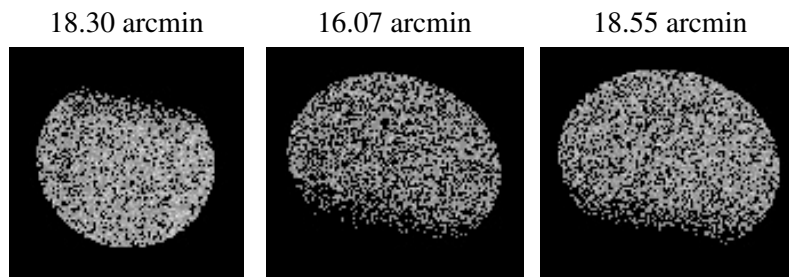
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	97.042

A.2 Comments