

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2035 - L2 Version 001
Chandra X-Ray Center

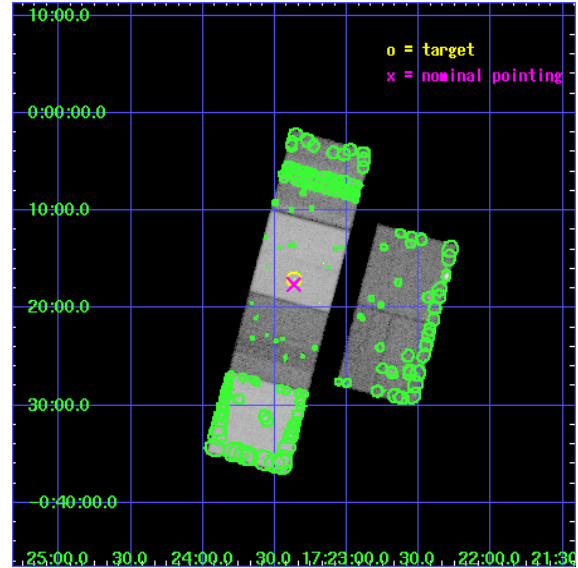
L2 Processing Date : Jan 11 2007

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1 Front

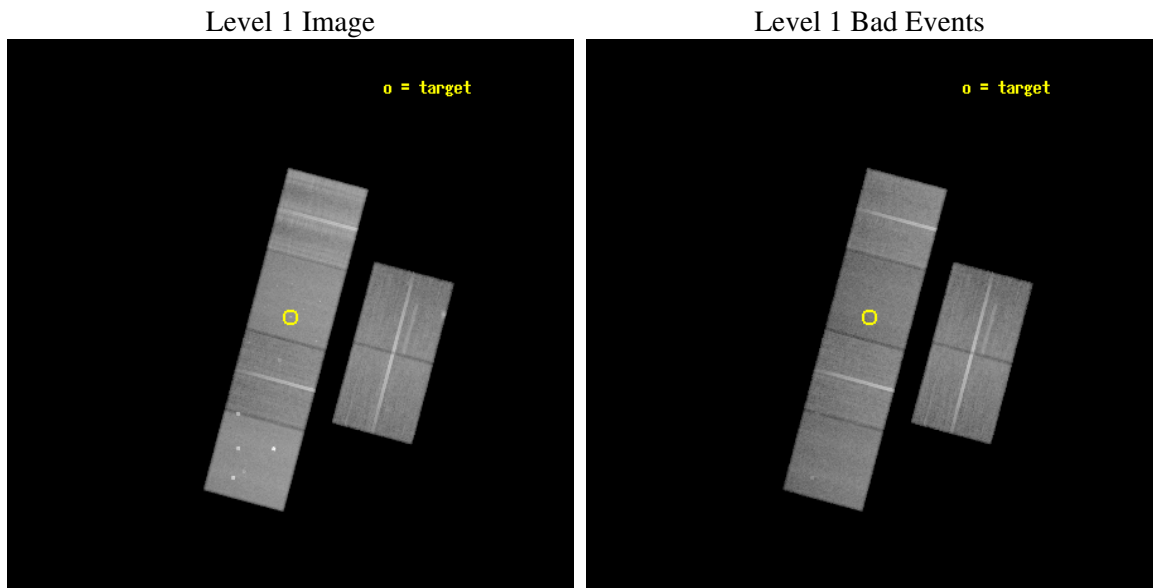
seq_num	600169
obs_id	2035
title	THE X-RAY PROPERTIES OF ULTRALUMINOUS GALAXIES: COSMOLOGICAL IMPLICATIONS
observer	Dr. Tim Heckman
object	IRAS 17208-0014
dtcycle	0
cycle	P
ra_targ	260.84125
dec_targ	-0.283444
ra_nom	260.84204821753
dec_nom	-0.29315399074707
roll_nom	284.91909119262
revision	2
ontime	49158.400045782
livetime	48535.926784768
ontime2	49158.400045782
ontime3	49158.400045782
ontime5	49158.400045782
ontime6	49155.159085527
ontime7	49158.400045782
ontime8	49151.918135285
l2events	562651



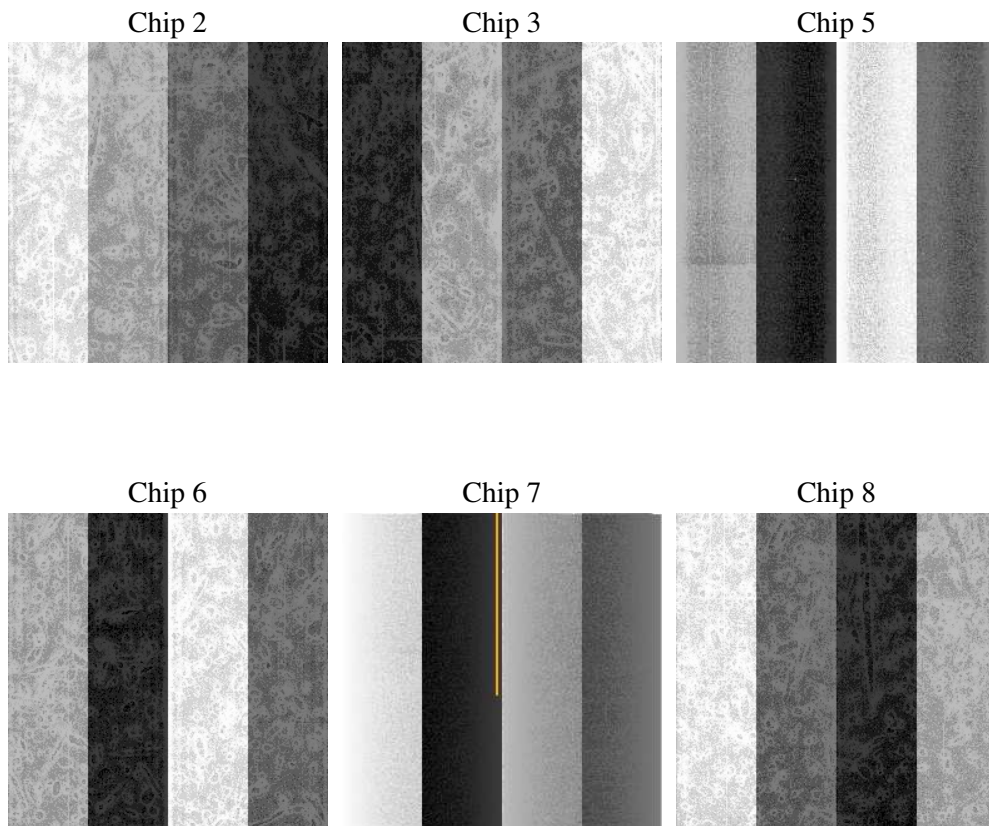
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-11T03:30:21
revision	2

sched_exp_time	49400.000000
ontime	49158.400045782
ontime2	49158.400045782
ontime3	49158.400045782
ontime5	49158.400045782
ontime6	49155.159085527
ontime7	49158.400045782
ontime8	49151.918135285
l1events	2383175

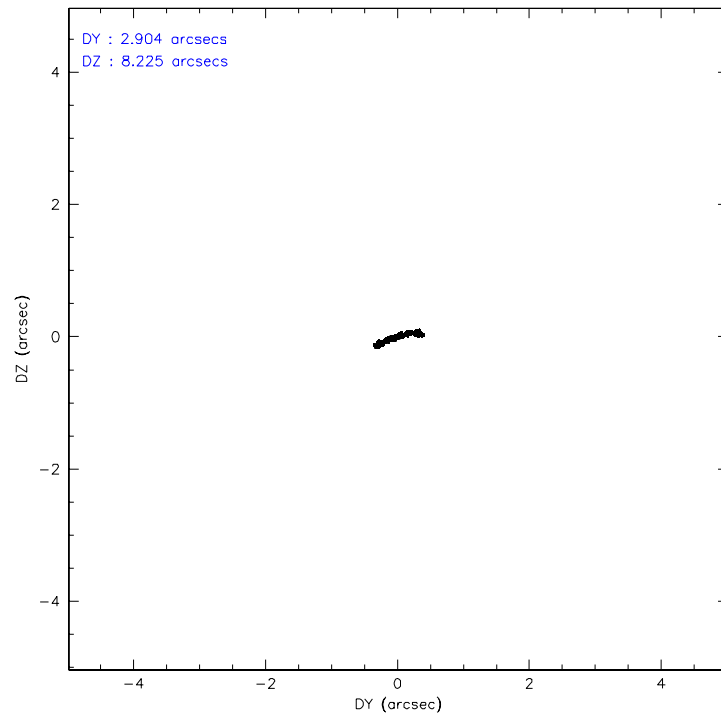
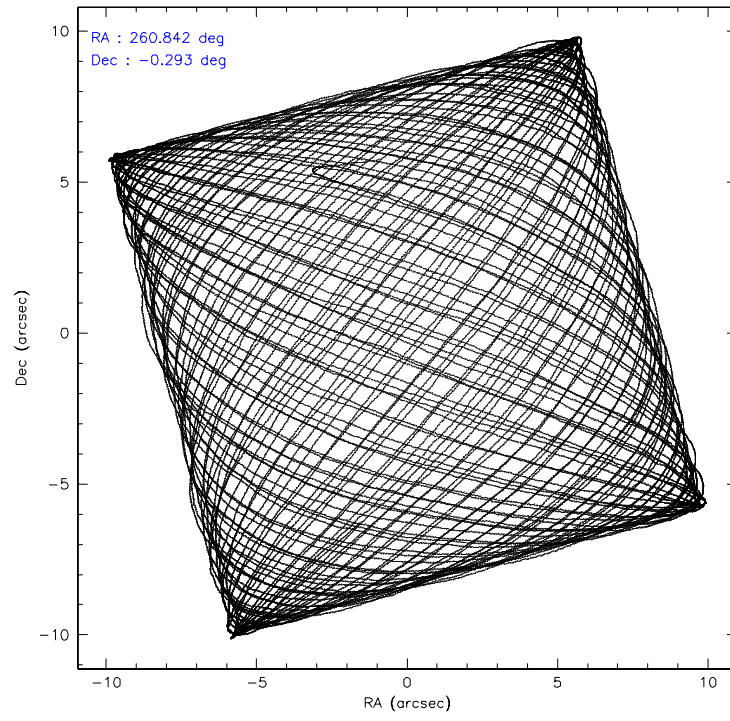
2.1.4 Events

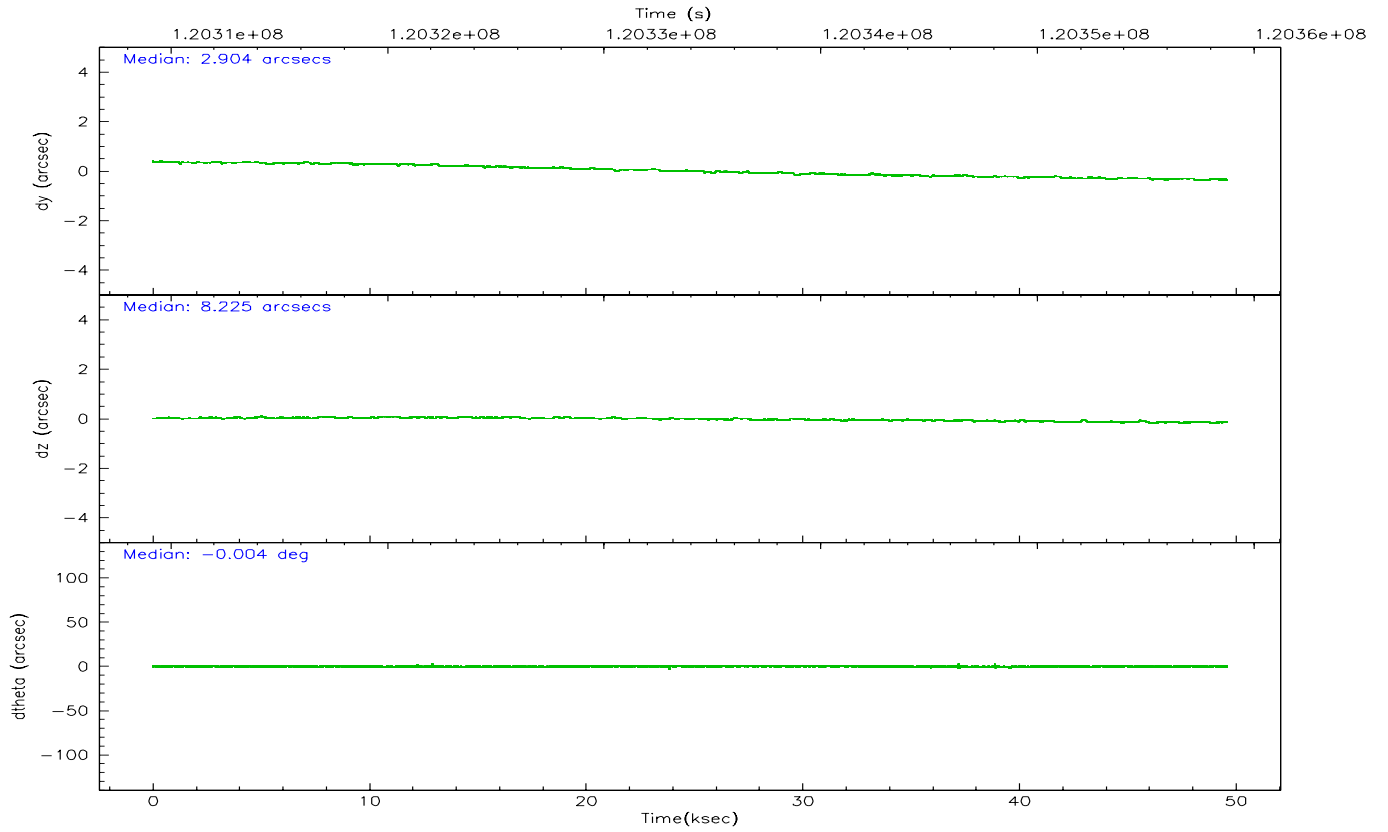
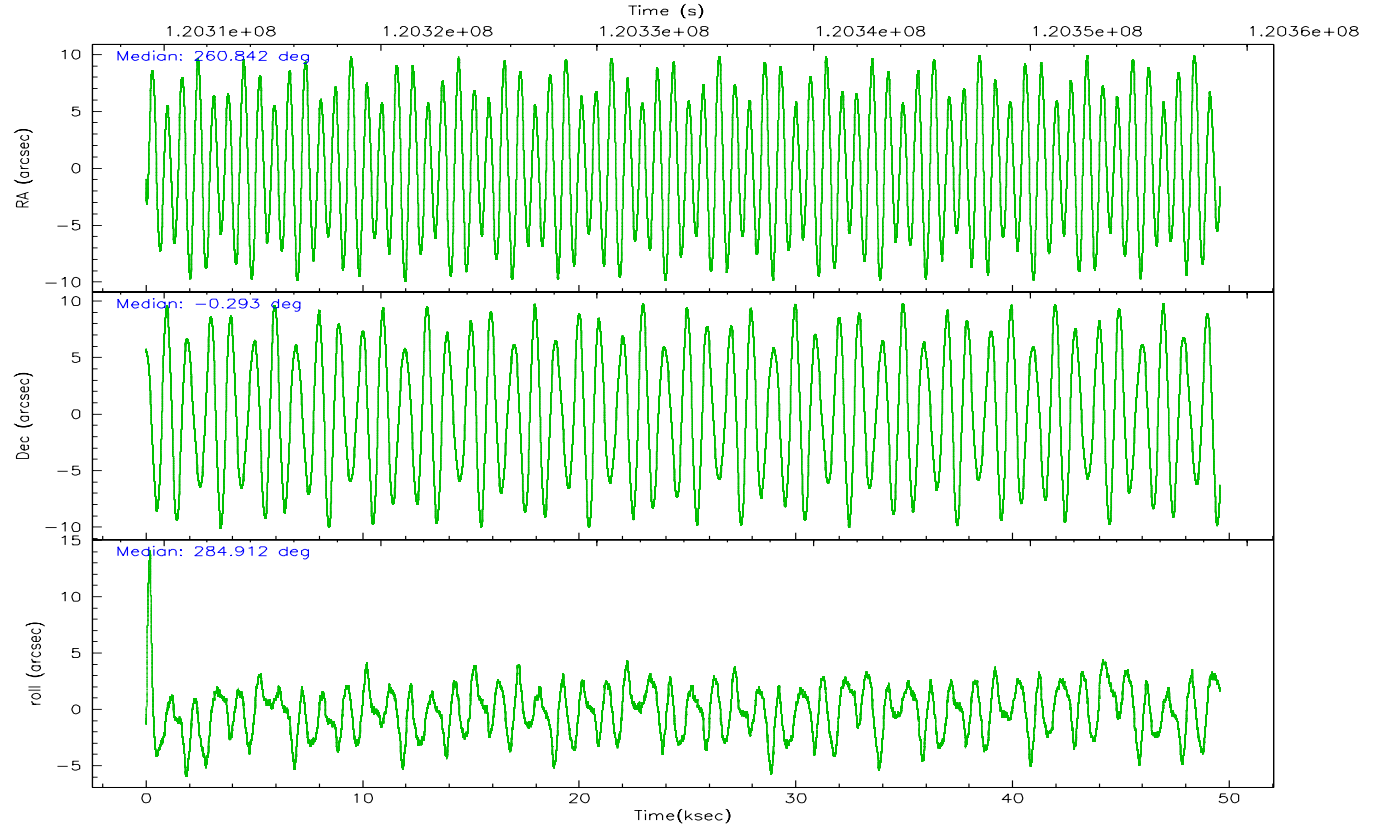
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	346517	329033	464109	338929	410552	494035	grade 0 events	21201	21540	35381	21153	19120	58953
rejected events	300194	282113	239797	291487	229956	327864		6%	6%	7%	6%	4%	11%
rejected %	86%	85%	51%	86%	56%	66%	grade 1 events	165	182	1040	180	416	497
								0%	0%	0%	0%	0%	0%
							grade 2 events	10245	9761	62812	10291	36677	26389
								2%	2%	13%	3%	8%	5%
							grade 3 events	3377	3630	10427	3792	16560	25847
								0%	1%	2%	1%	4%	5%
							grade 4 events	3723	3846	9907	3706	16415	23127
								1%	1%	2%	1%	3%	4%
							grade 5 events	10637	11794	33602	13159	37865	17159
								3%	3%	7%	3%	9%	3%
							grade 6 events	7778	8150	105804	8500	91844	31856
								2%	2%	22%	2%	22%	6%
							grade 7 events	289391	270130	205136	278148	191655	310207
								83%	82%	44%	82%	46%	62%

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	260.822580	260.8420482175269	Subarray requested	NONE	NONE
Pointing Dec	-0.274058	-0.2931539907470698	Alternating exposures requested	N	N
Pointing Roll	284.762366	284.9190911926166	Primary exposure time	0.000000	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	120309364.184000	120308596.17515			
Observation start date	2001-10-24T11:15:00	2001-10-24T11:03:16			
Observation end time	120358764.184000	120359723.68968			
Observation end date	2001-10-25T00:58:20	2001-10-25T01:15:23			
Read mode	TIMED	TIMED			

2.3 Aspect



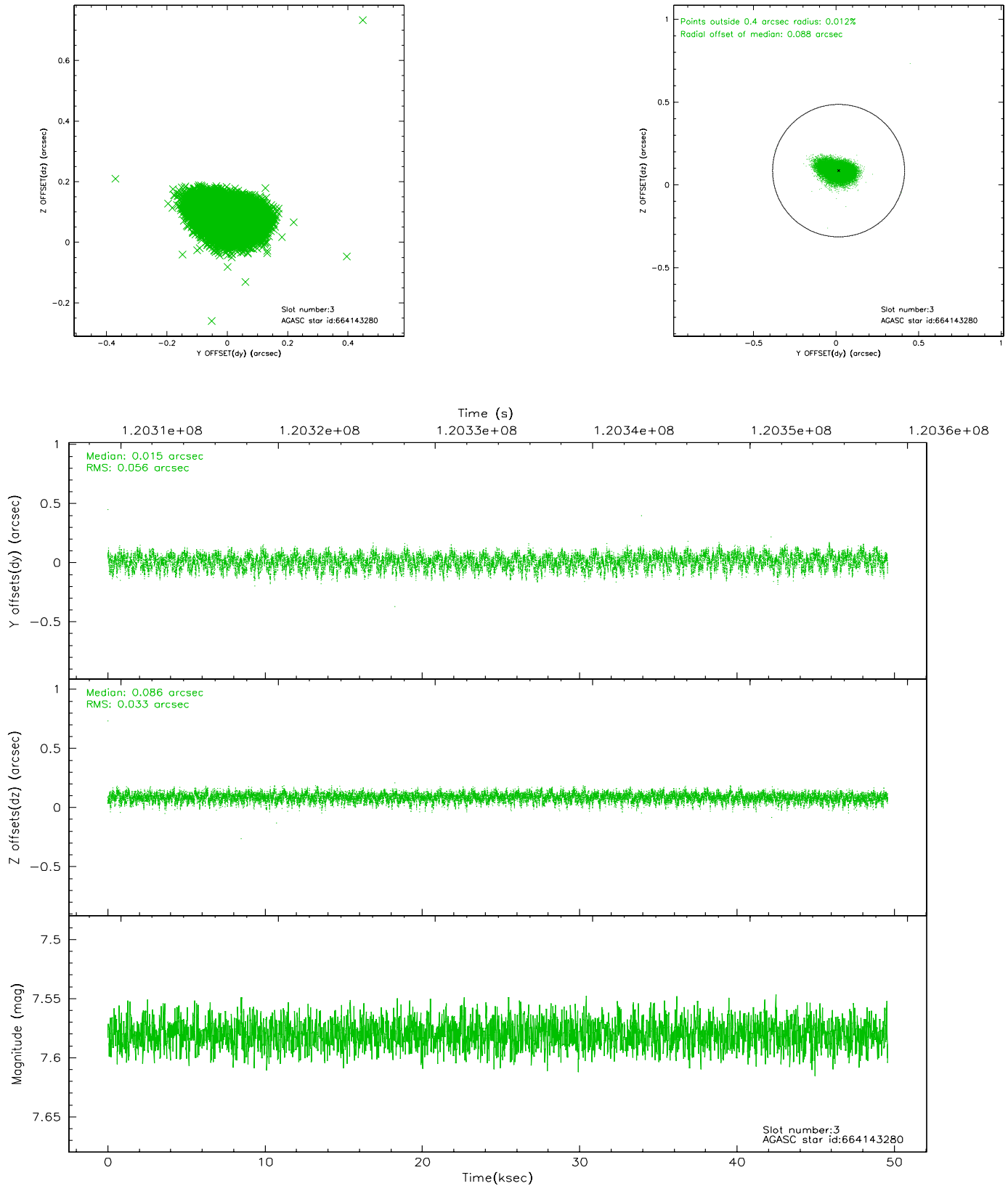


Slot Statistics

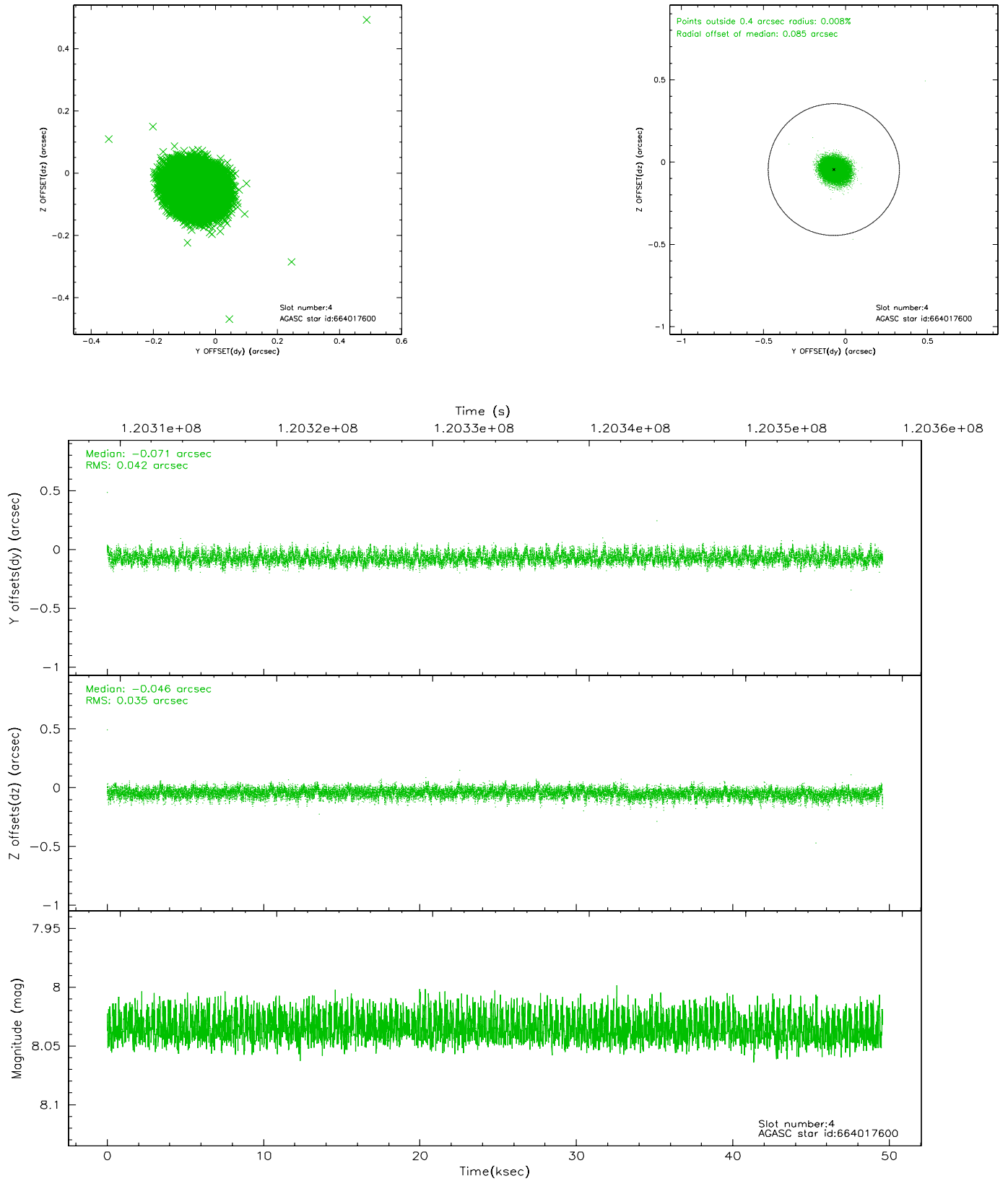
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	12093	0.010	0.017	0.011	0.018	0.000000	0.000000	-755.56	-1729.38
1	FID	ACIS-S-4	7.20	12094	-0.082	-0.010	0.012	0.020	0.000000	0.000000	2157.64	179.07
2	FID	ACIS-S-5	7.24	12093	0.043	0.002	0.010	0.017	0.000000	0.000000	-1808.38	172.76
3	GUIDE	664143280	7.58	24187	0.015	0.086	0.069	0.114	260.685224	-0.894069	2033.63	-1046.16
4	GUIDE	664017600	8.04	24185	-0.071	-0.046	0.058	0.094	260.331672	-0.649009	856.27	-2052.33
5	GUIDE	664015800	9.12	24157	-0.069	-0.077	0.093	0.153	260.129461	-0.165769	-1011.48	-2313.47
6	GUIDE	52569416	9.15	24183	-0.044	-0.026	0.088	0.142	261.287147	0.179746	-1153.01	2033.70
7	GUIDE	664147520	9.37	24144	0.174	0.060	0.086	0.141	261.128219	-0.663677	1637.71	707.30

2.4 Star Slots

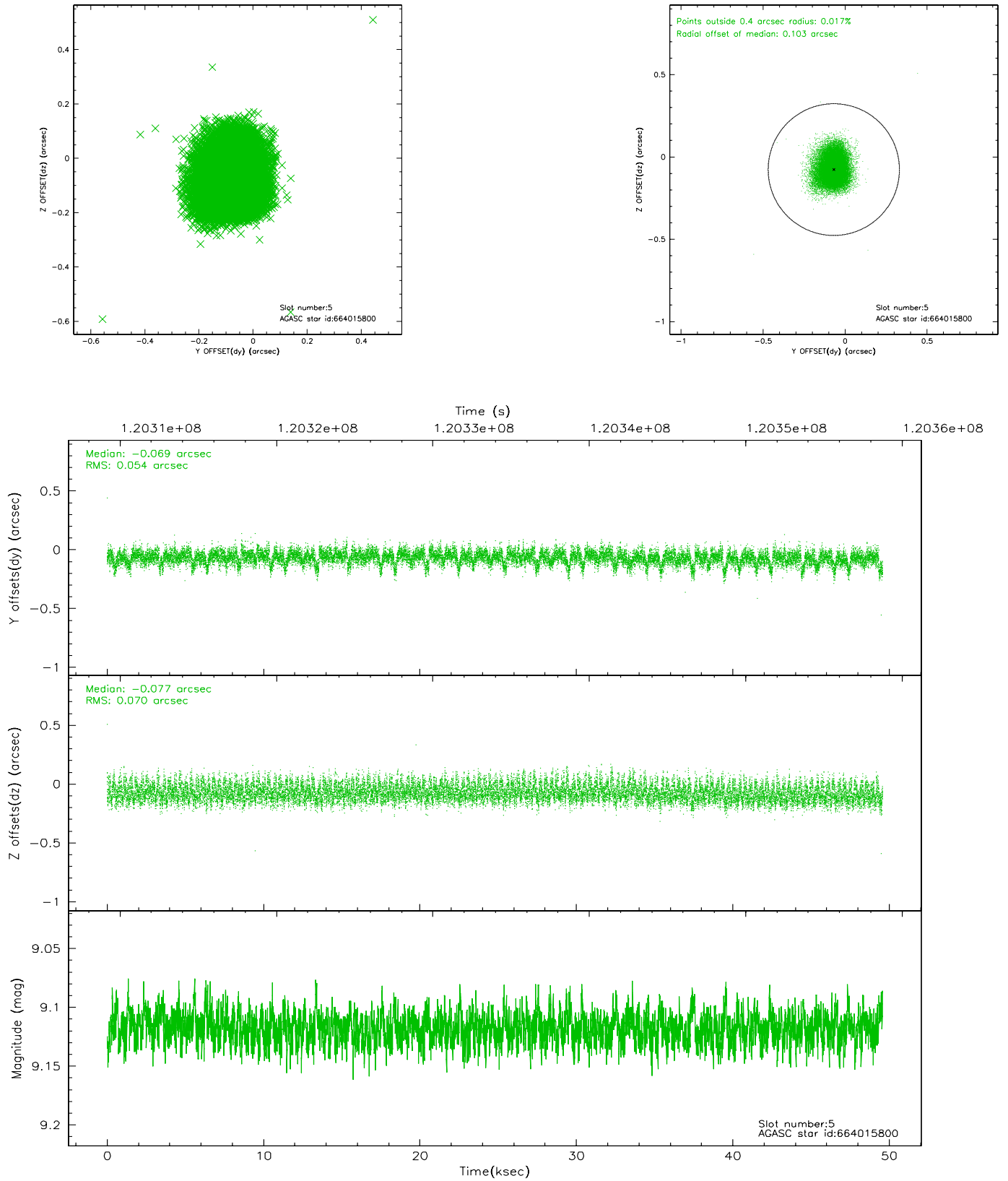
2.4.1 Slot 3



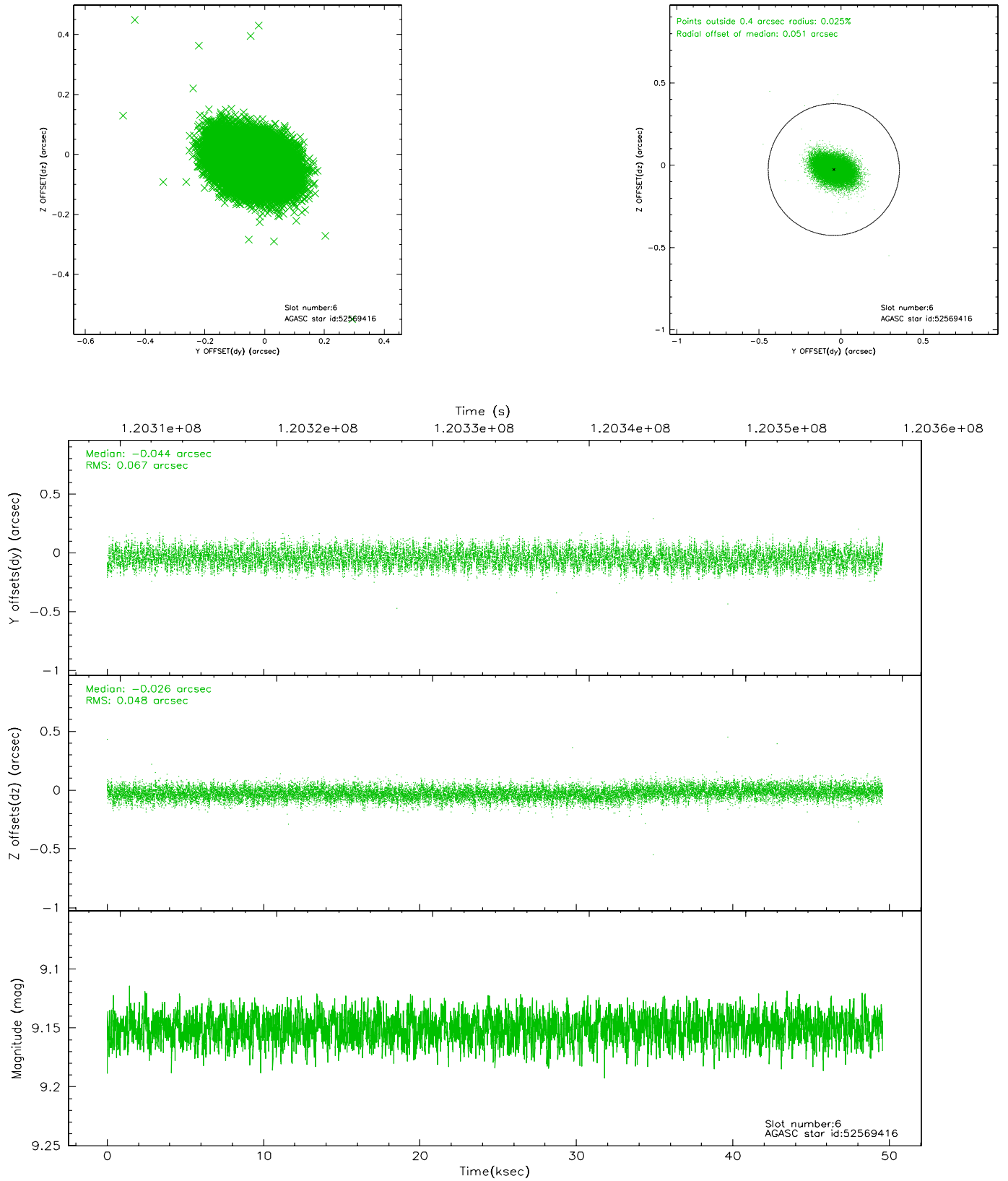
2.4.2 Slot 4



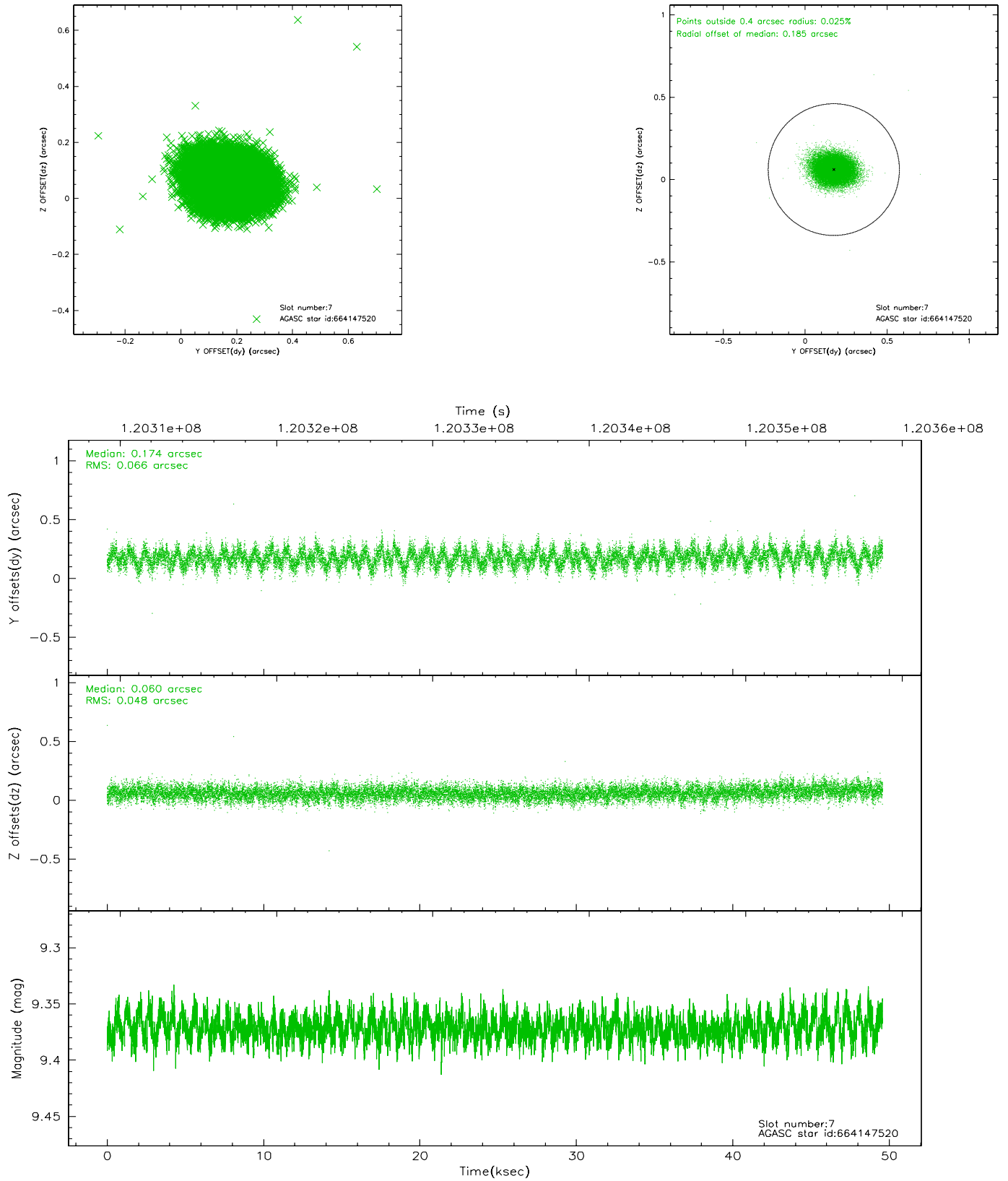
2.4.3 Slot 5



2.4.4 Slot 6

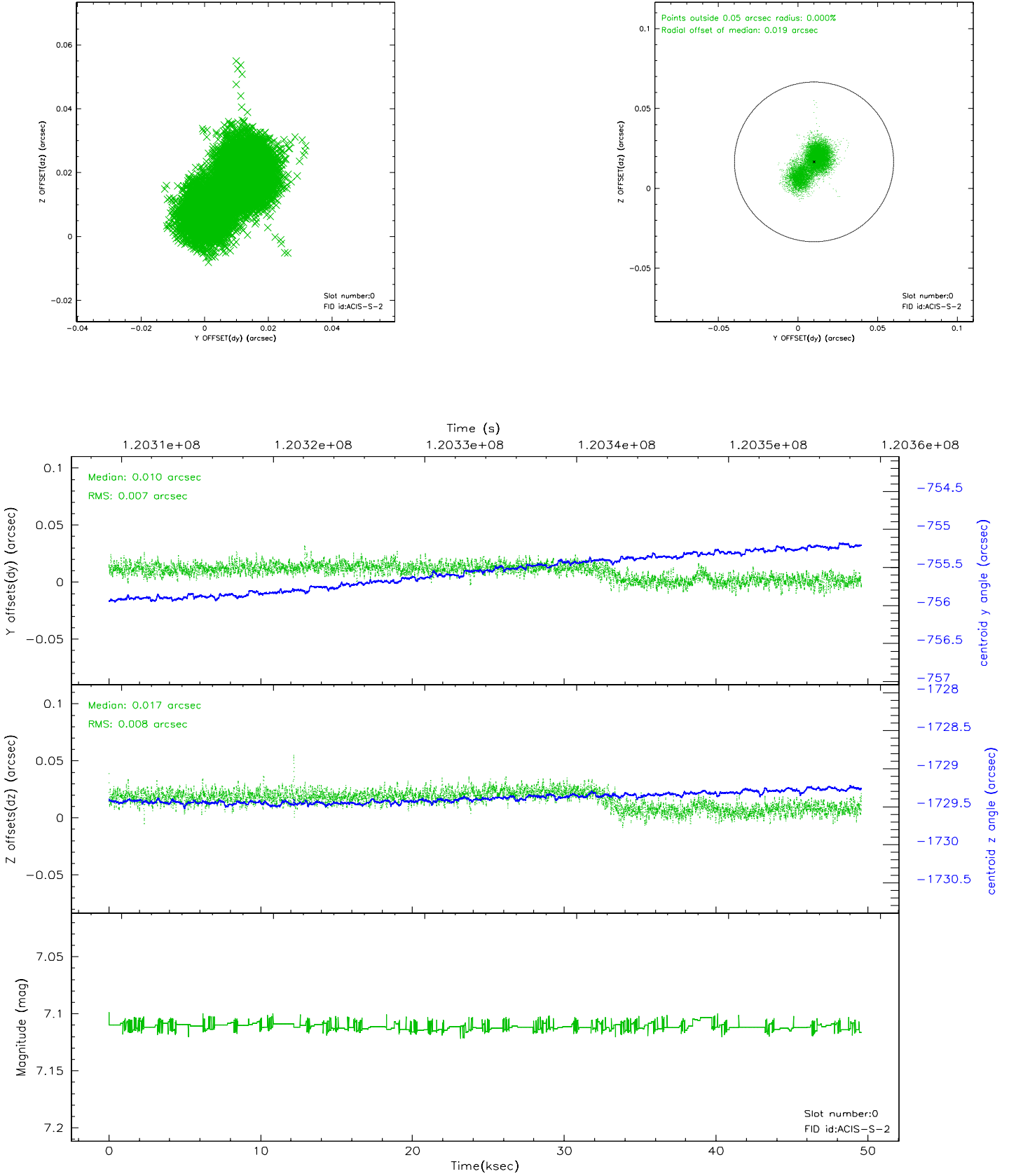


2.4.5 Slot 7

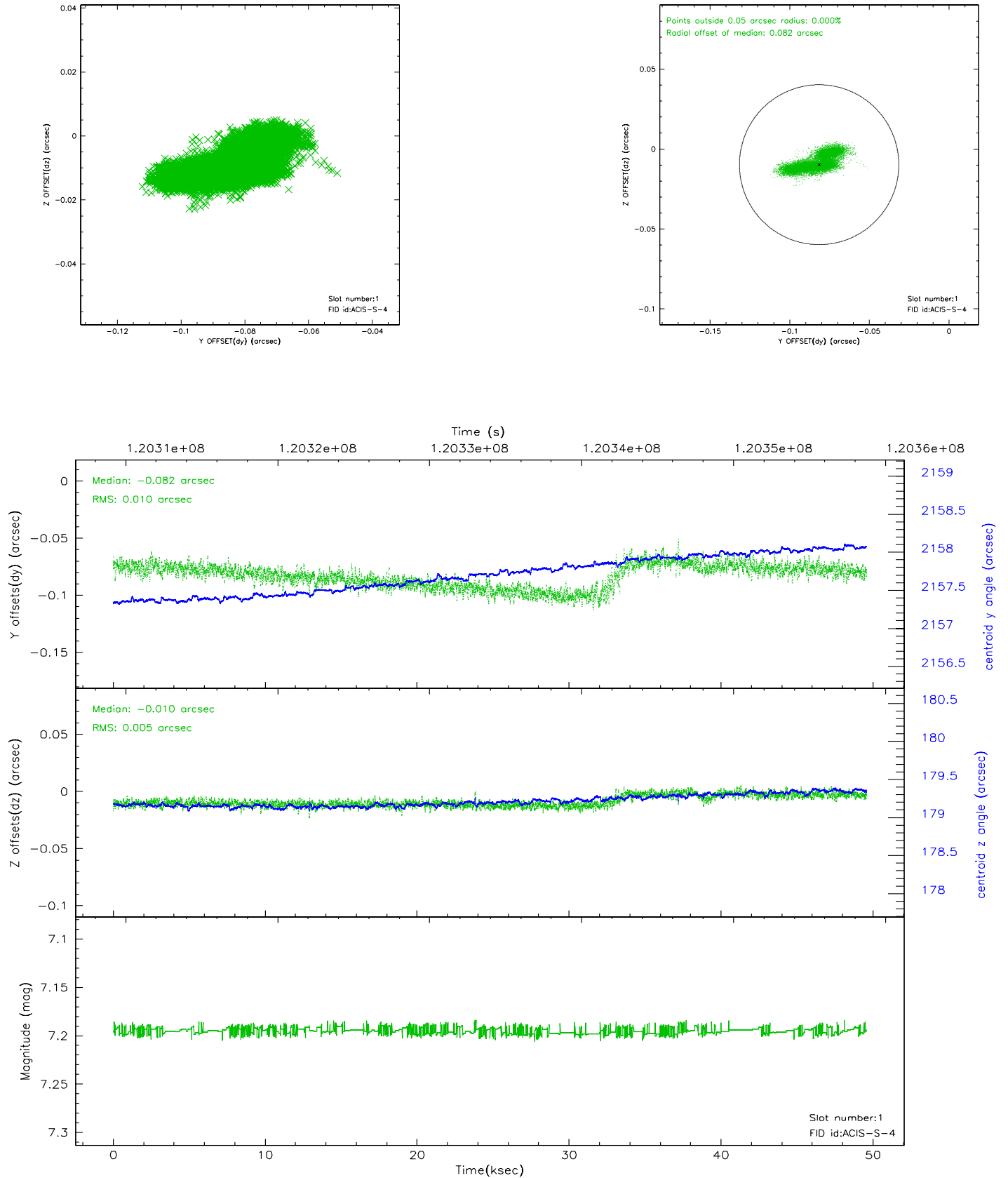


2.5 FID Slots

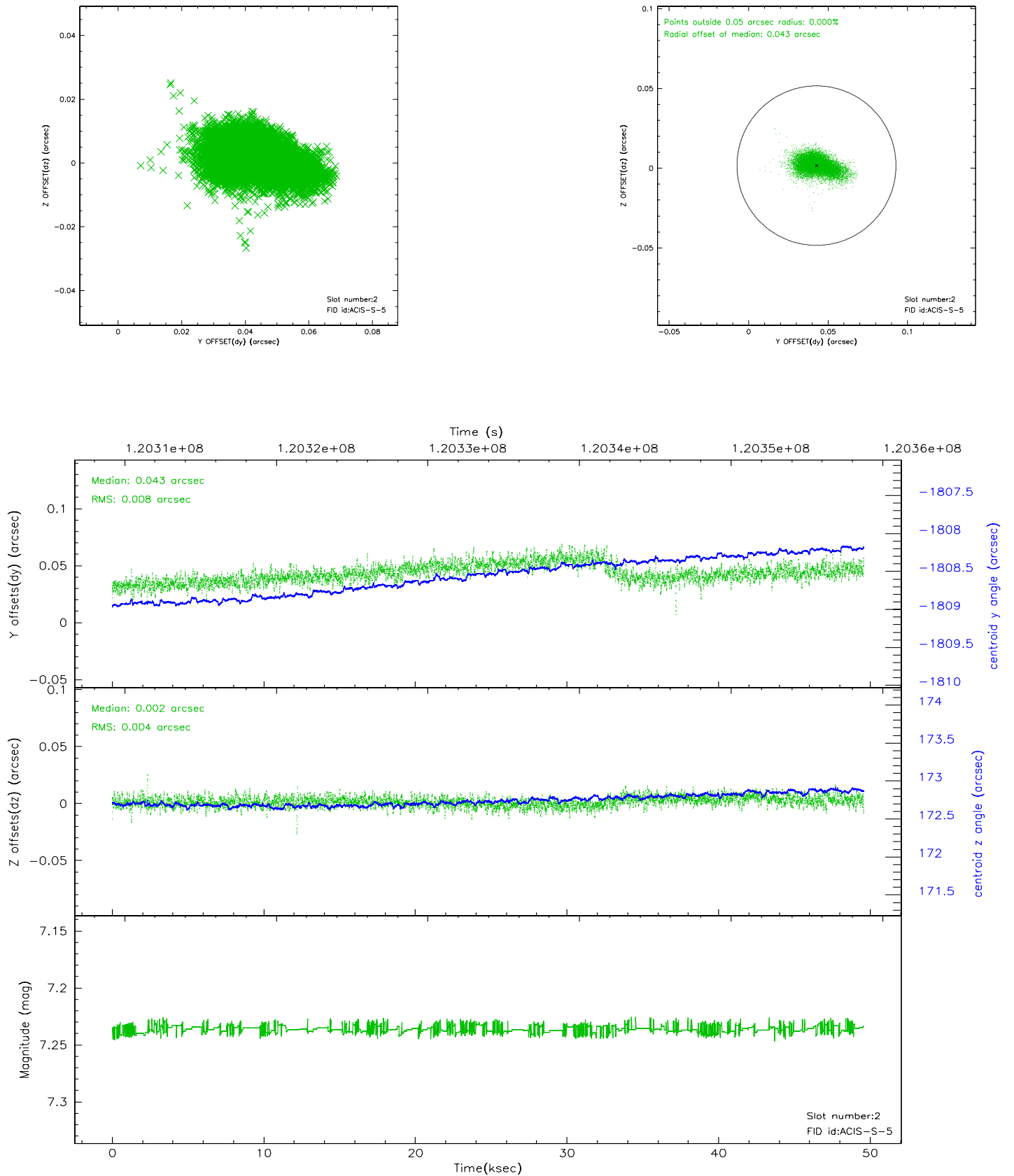
2.5.1 Slot 0



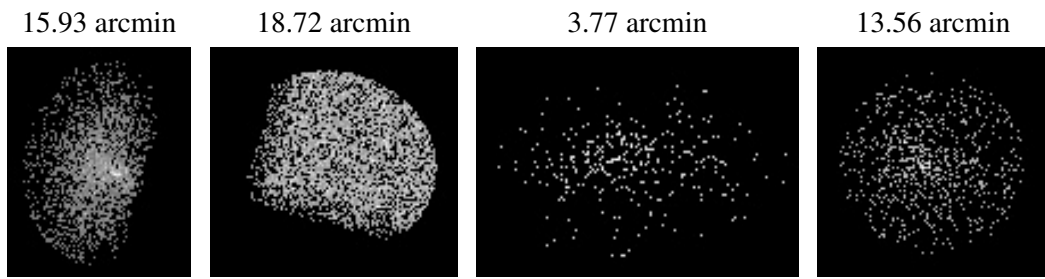
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.16

A.2 Comments