

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1697 - L2 Version 001
Chandra X-Ray Center

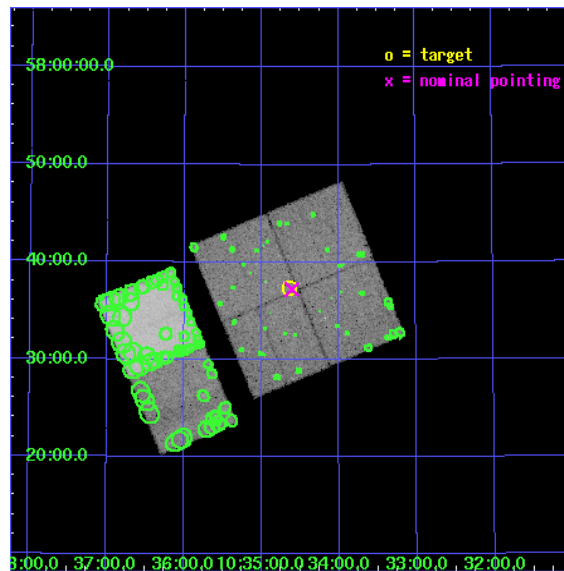
L2 Processing Date : Nov 21 2006

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

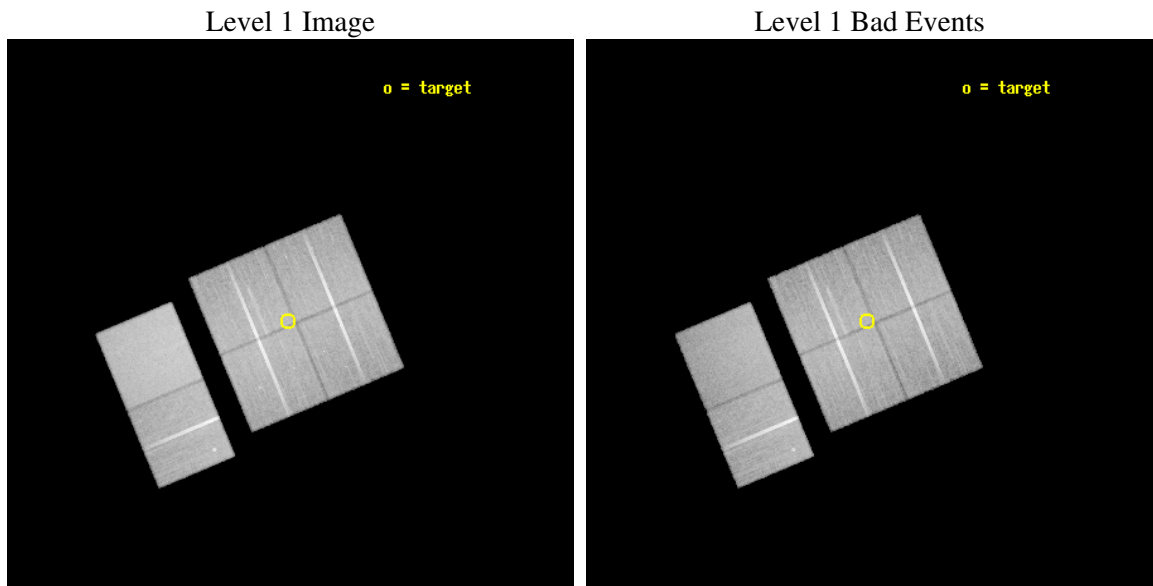
seq_num	900056
obs_id	1697
title	CHANDRA OBSERVATIONS OF THE DEEP ISO FIELD
observer	Dr. Richard Mushotzky
object	ISO NW #3
dtcycle	0
cycle	P
ra_targ	158.658333
dec_targ	57.623611
ra_nom	158.65195405796
dec_nom	57.620293615557
roll_nom	247.28045147821
revision	2
ontime	44291.200041249
livetime	43730.358197368
ontime0	44284.718120739
ontime1	44291.200041249
ontime2	44287.959081009
ontime3	44291.200041249
ontime6	44291.200041249
ontime7	44287.959080994
l2events	309603



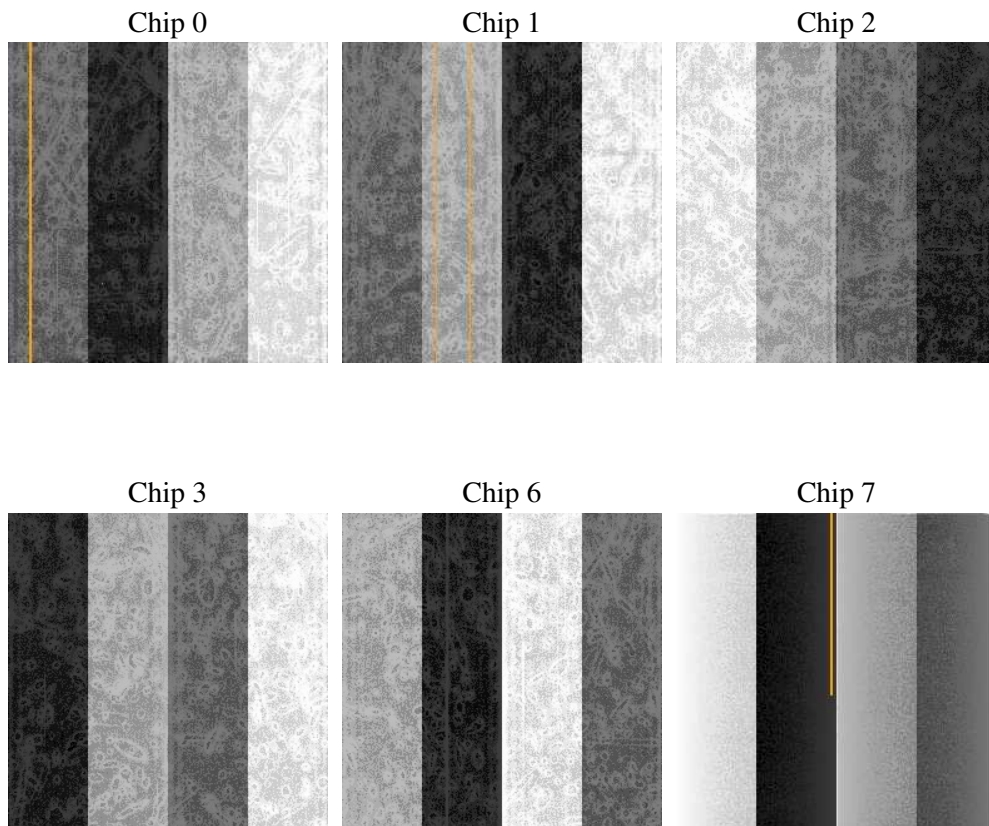
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-21T16:17:02
revision	2

sched_exp_time	44336.009000
ontime	44294.71441175
ontime0	44288.23249124
ontime1	44294.71441175
ontime2	44291.47345151
ontime3	44294.71441175
ontime6	44294.71441175
ontime7	44291.473481417
l1events	1784677

2.1.4 Events

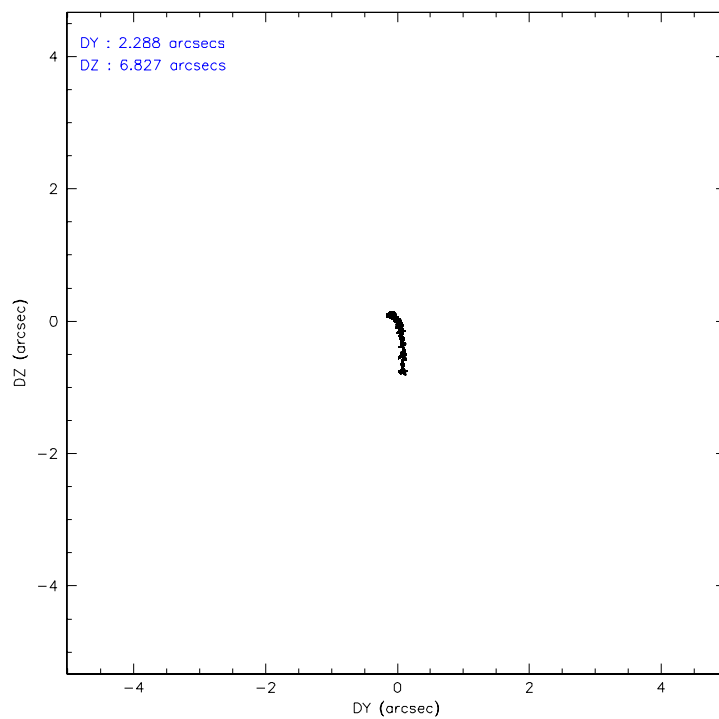
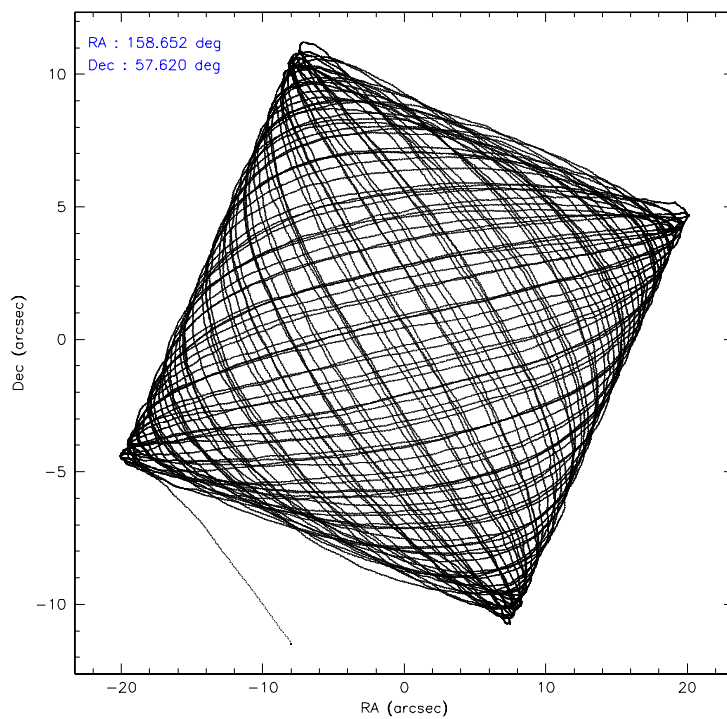
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	263876	269314	288877	286680	296692	379238
rejected events	227355	231360	252737	250898	259382	224998
rejected %	86%	85%	87%	87%	87%	59%

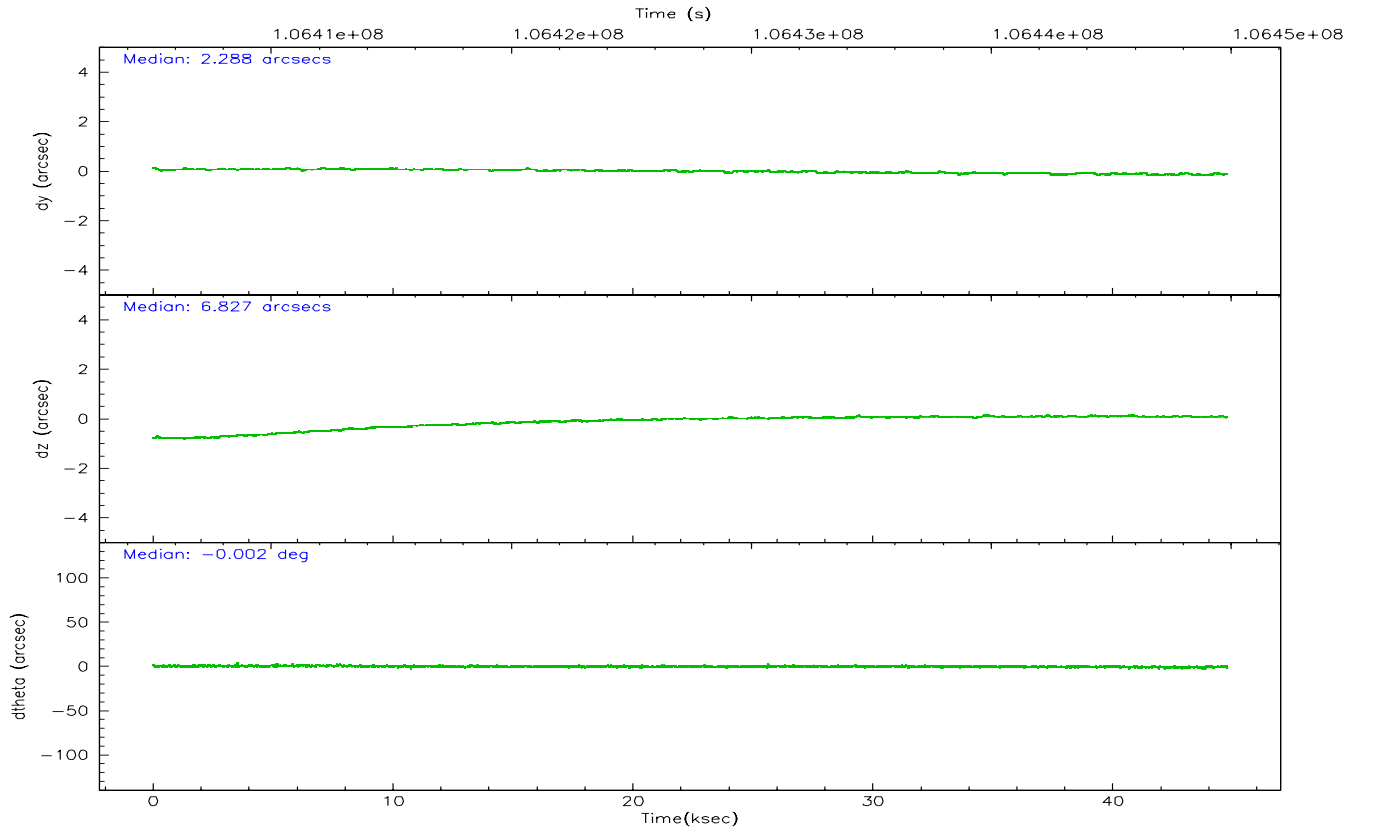
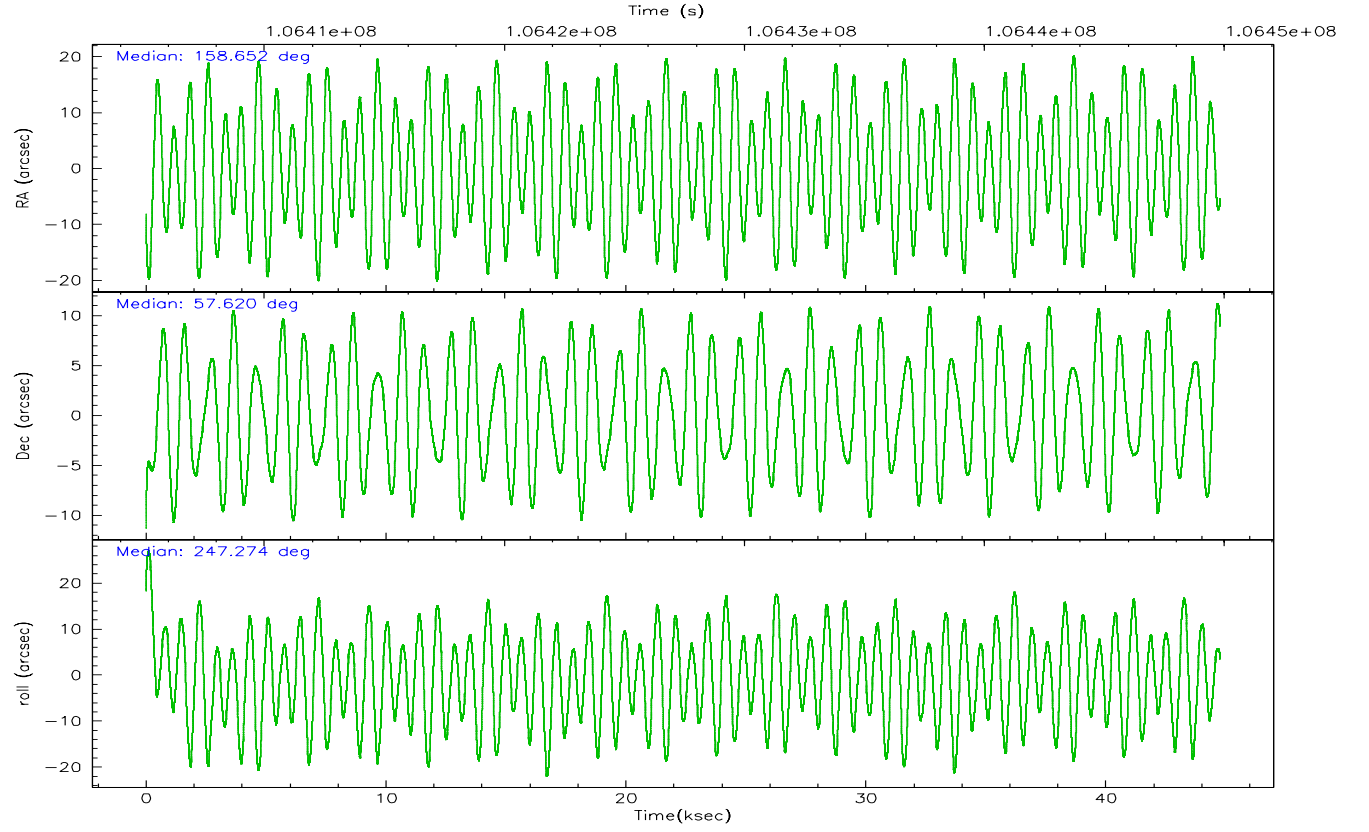
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	16674	16671	16887	16644	16730	10142
	6%	6%	5%	5%	5%	2%
grade 1 events	139	136	131	163	256	206
	0%	0%	0%	0%	0%	0%
grade 2 events	7387	7319	7287	6790	7111	36661
	2%	2%	2%	2%	2%	9%
grade 3 events	3534	3596	3056	3143	3437	8227
	1%	1%	1%	1%	1%	2%
grade 4 events	3206	3717	3111	3256	3263	8020
	1%	1%	1%	1%	1%	2%
grade 5 events	10399	10911	9683	11037	12147	24250
	3%	4%	3%	3%	4%	6%
grade 6 events	5725	6656	5808	5958	6777	91217
	2%	2%	2%	2%	2%	24%
grade 7 events	216812	220308	242914	239689	246971	200515
	82%	81%	84%	83%	83%	52%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	158.645442	158.6519540579587	Subarray requested	NONE	NONE
Pointing Dec	57.647520	57.6202936155573	Alternating exposures requested	N	N
Pointing Roll	247.077266	247.2804514782147	Primary exposure time	0.000000	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	106405499.184000	106404410.6661			
Observation start date	2001-05-16T13:03:55	2001-05-16T12:46:50			
Observation end time	106449835.184000	106450149.75538			
Observation end date	2001-05-17T01:22:51	2001-05-17T01:29:09			
Read mode	TIMED	TIMED			

2.3 Aspect



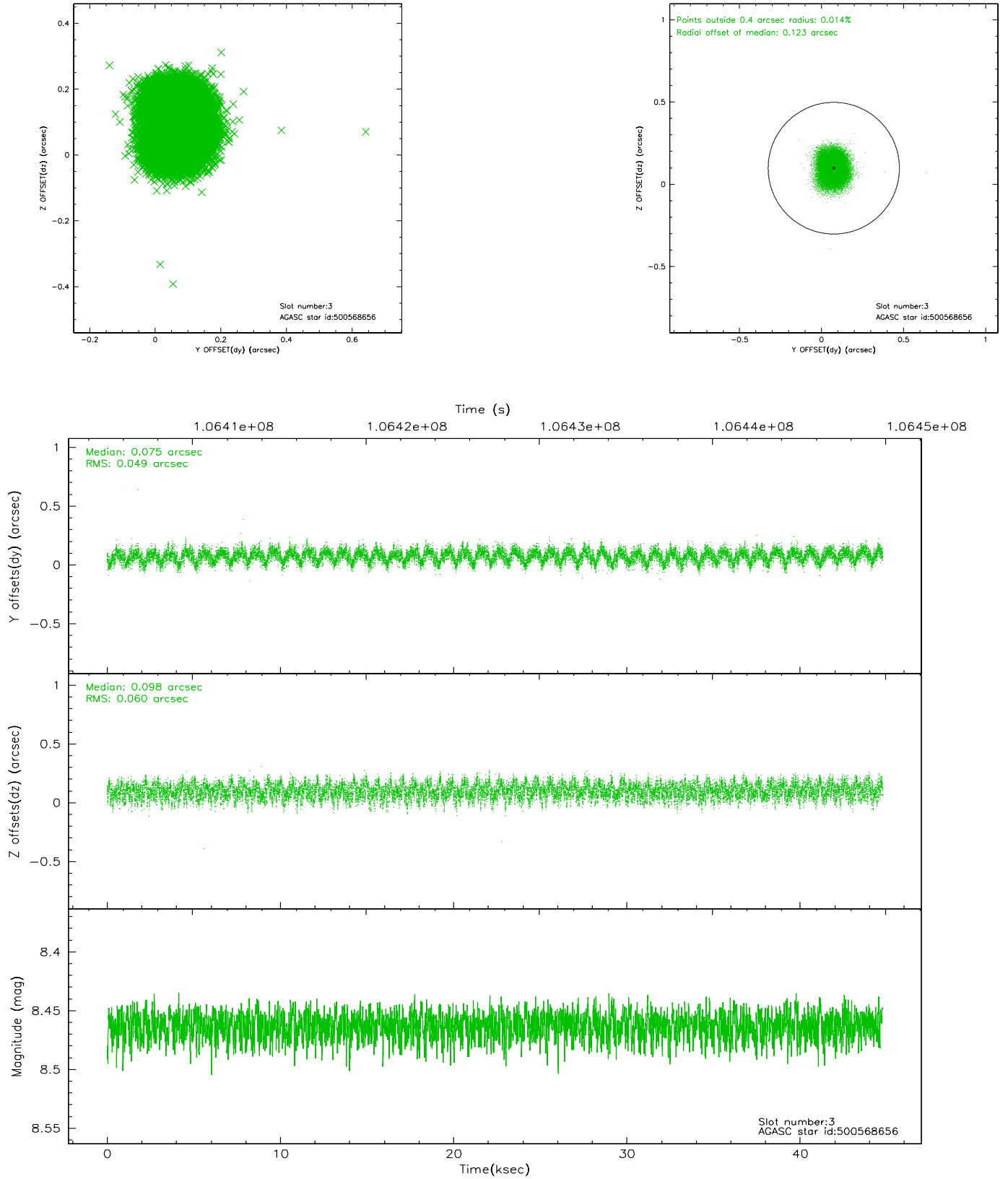


Slot Statistics

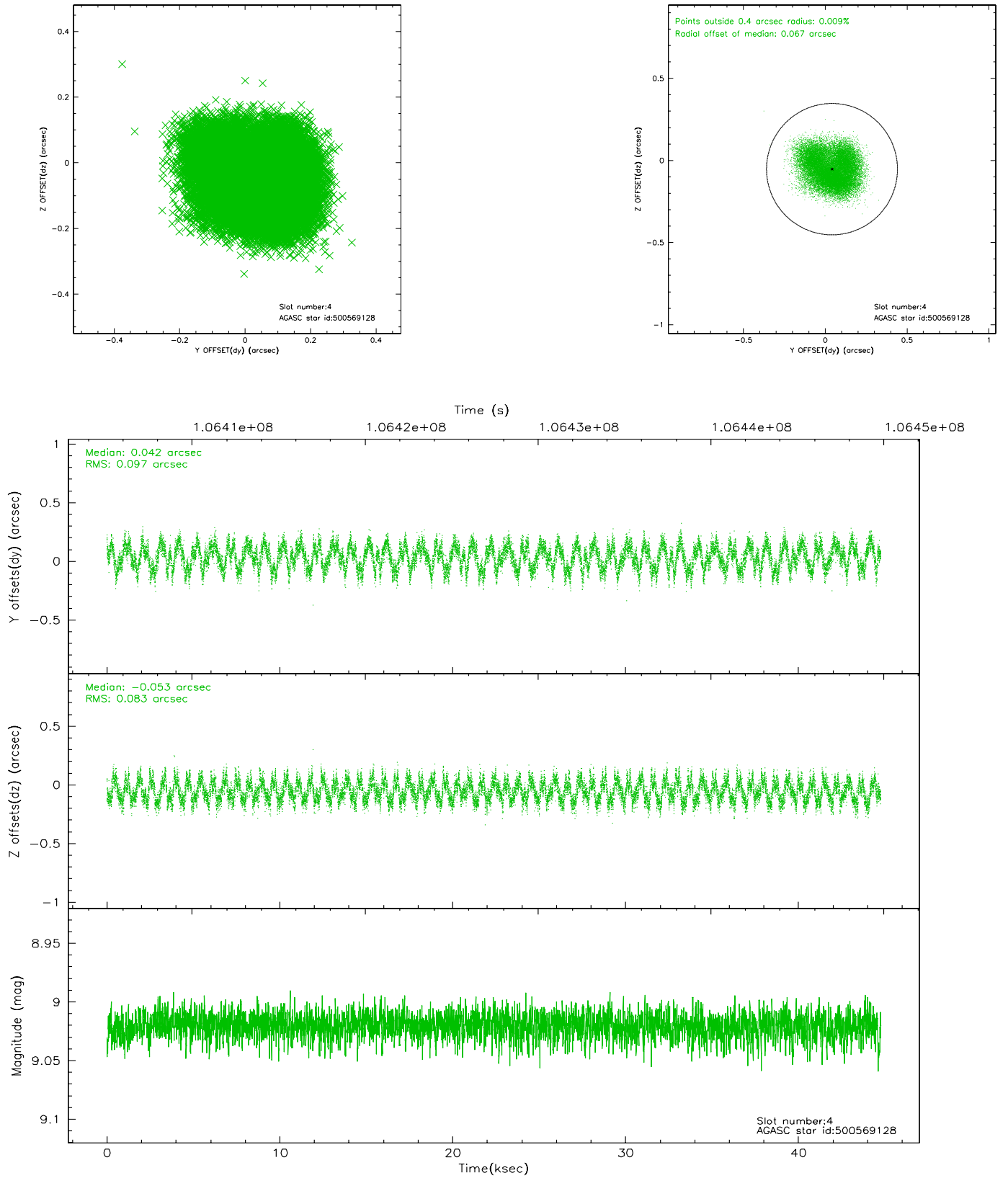
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	10917	-0.027	-0.033	0.011	0.020	0.000000	0.000000	-756.67	-836.48
1	FID	ACIS-I-4	7.18	10917	-0.068	0.033	0.007	0.019	0.000000	0.000000	2157.35	1069.76
2	FID	ACIS-I-5	7.23	10918	-0.006	0.069	0.011	0.018	0.000000	0.000000	-1810.48	1067.65
3	GUIDE	500568656	8.46	21830	0.075	0.098	0.083	0.130	159.217900	57.306375	694.08	1501.44
4	GUIDE	500569128	9.02	21832	0.042	-0.053	0.140	0.207	157.930103	57.115848	2301.44	-545.54
5	GUIDE	500965000	8.92	21827	-0.004	0.036	0.078	0.126	159.614449	57.527596	-343.44	1887.41
6	GUIDE	500961384	9.48	21804	-0.046	0.021	0.103	0.164	159.416101	58.123584	-2156.10	678.03
7	GUIDE	500962432	9.51	21827	-0.055	-0.105	0.086	0.140	158.977500	58.020820	-1485.07	58.36

2.4 Star Slots

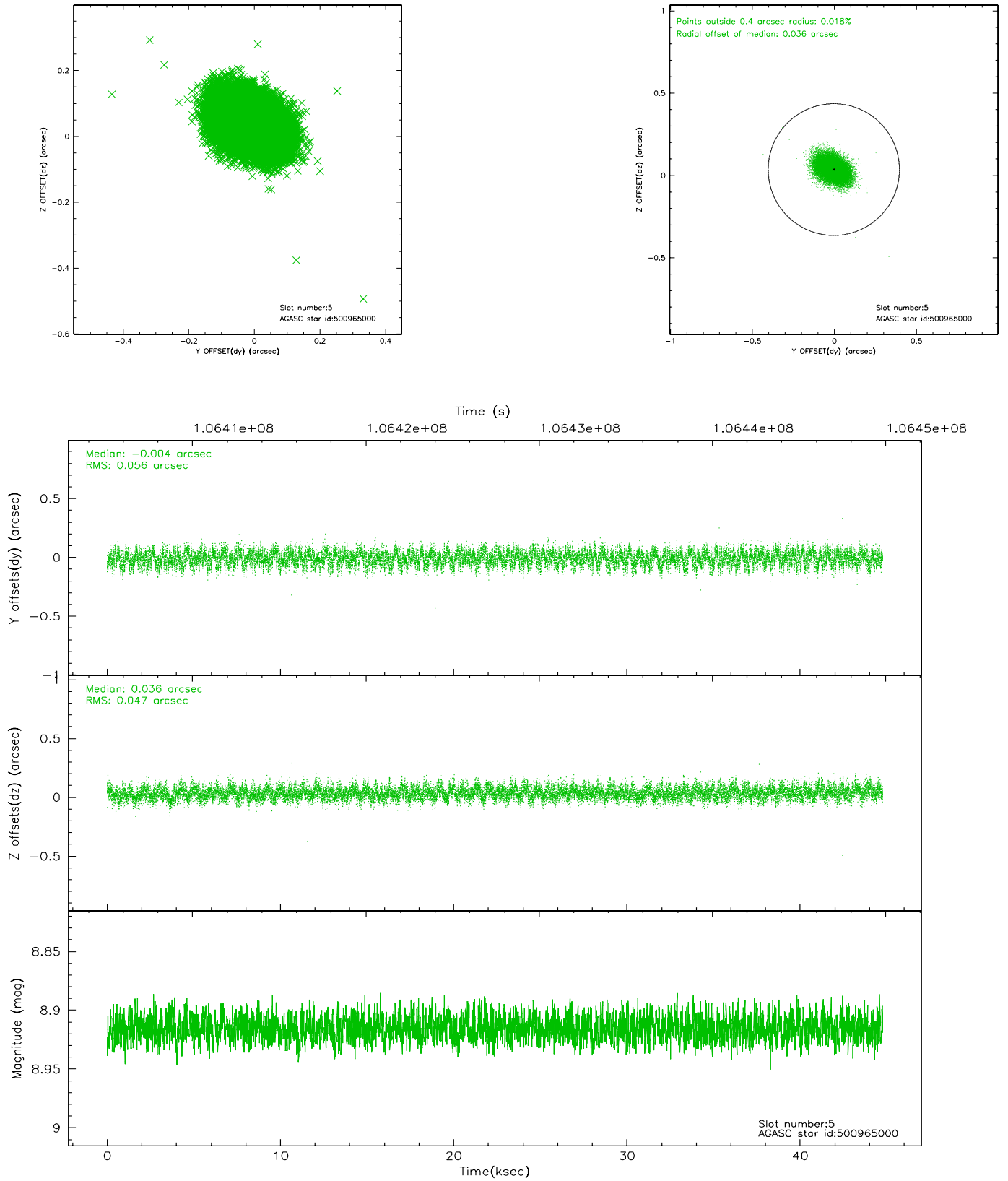
2.4.1 Slot 3



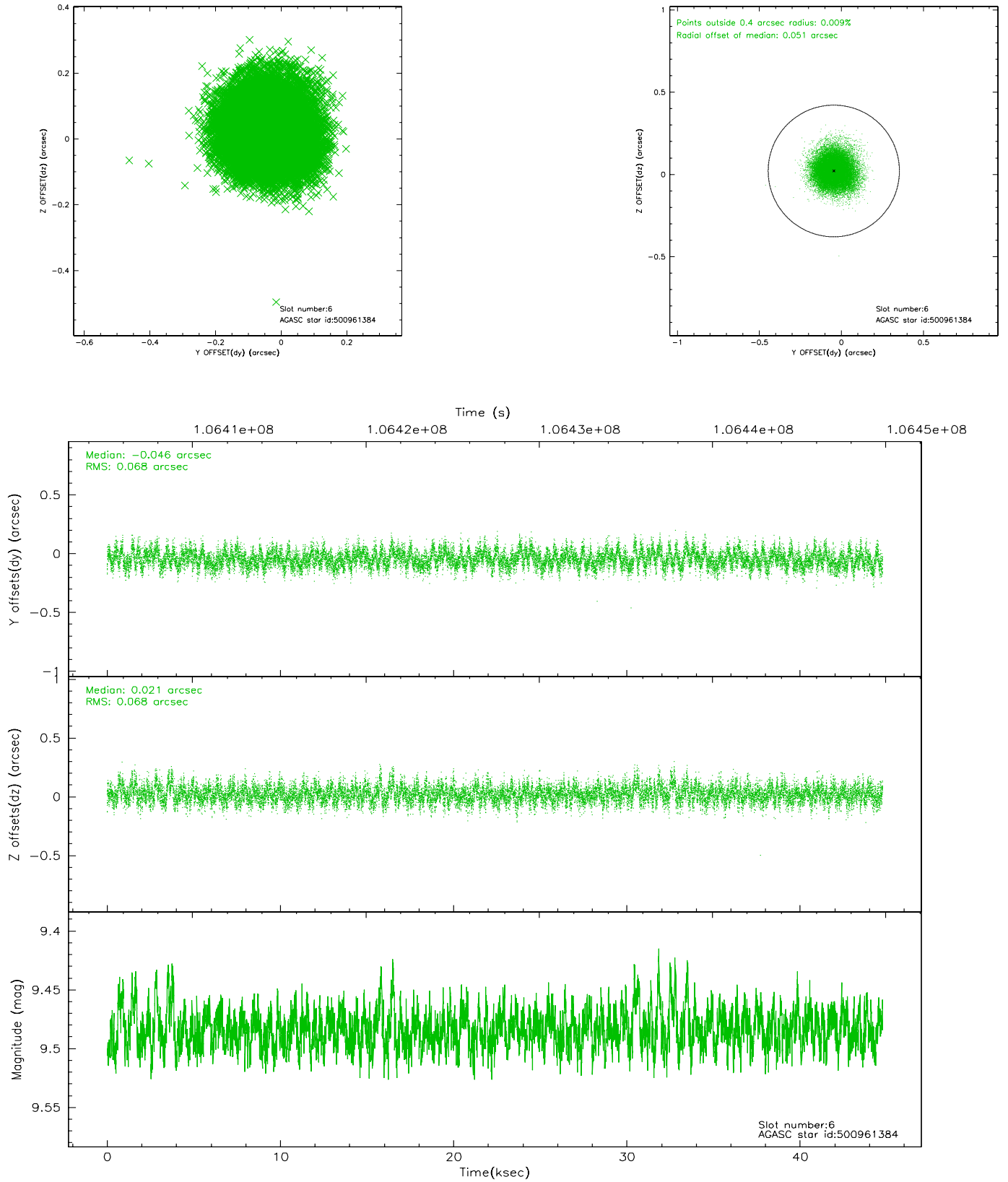
2.4.2 Slot 4



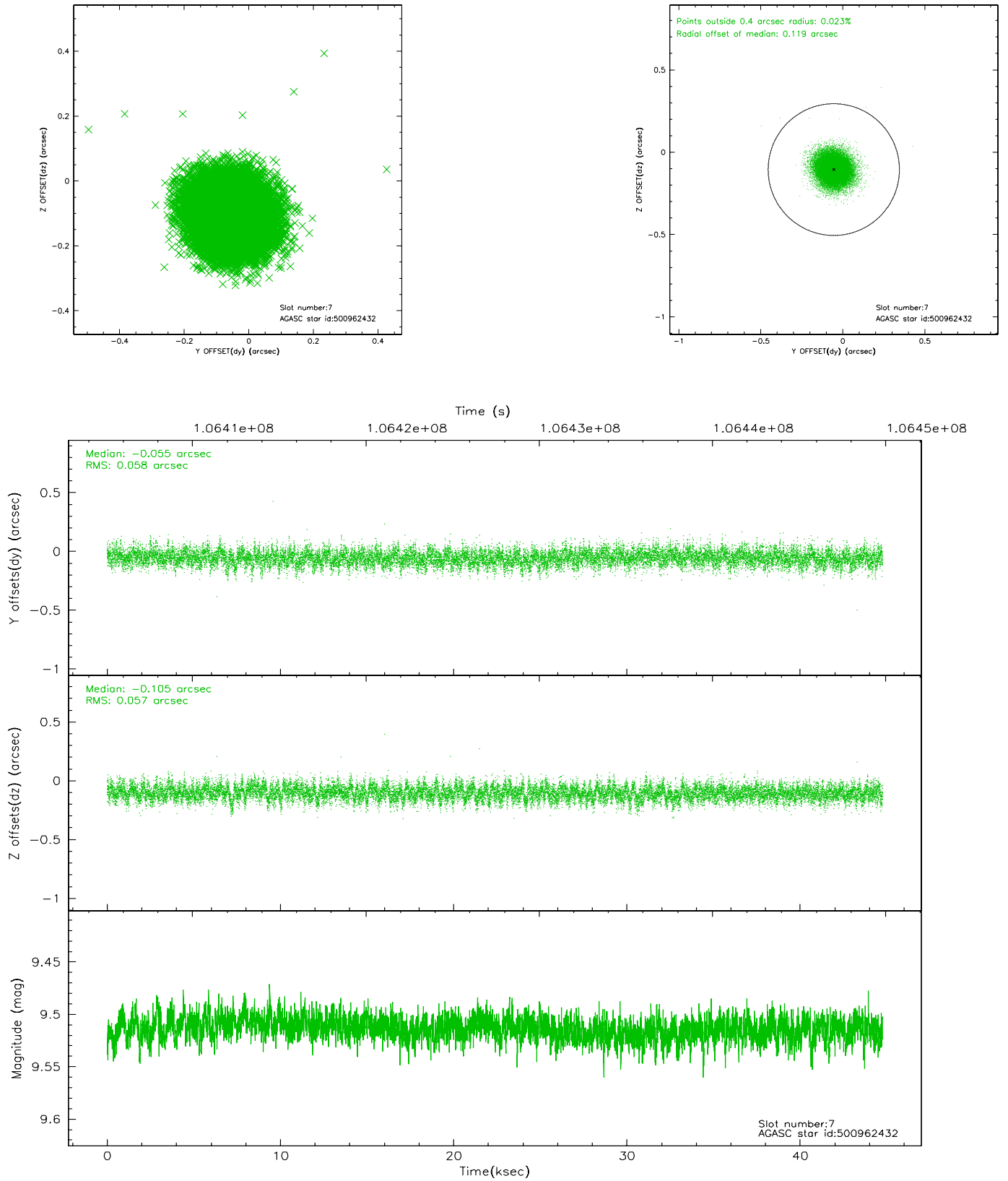
2.4.3 Slot 5



2.4.4 Slot 6

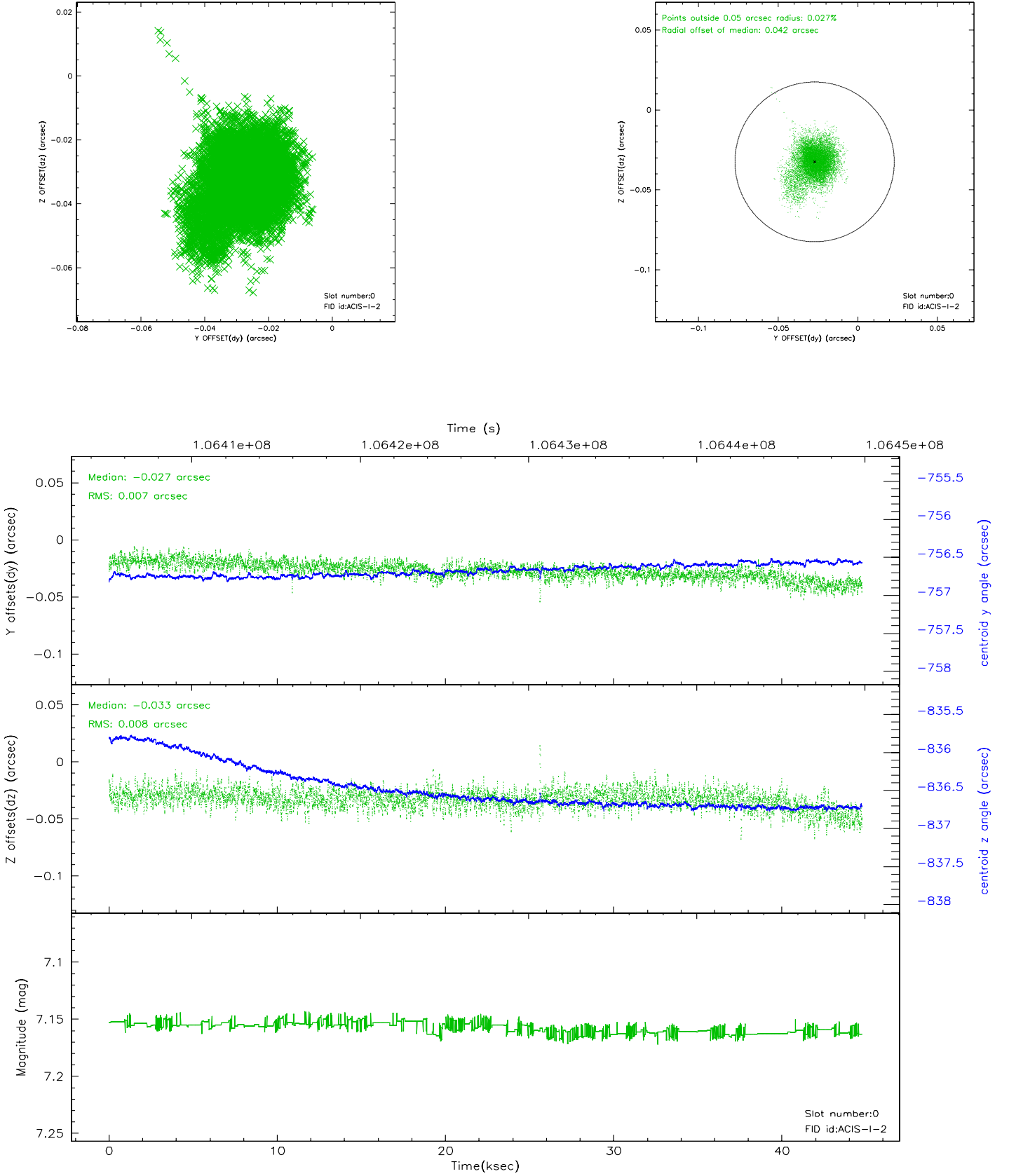


2.4.5 Slot 7

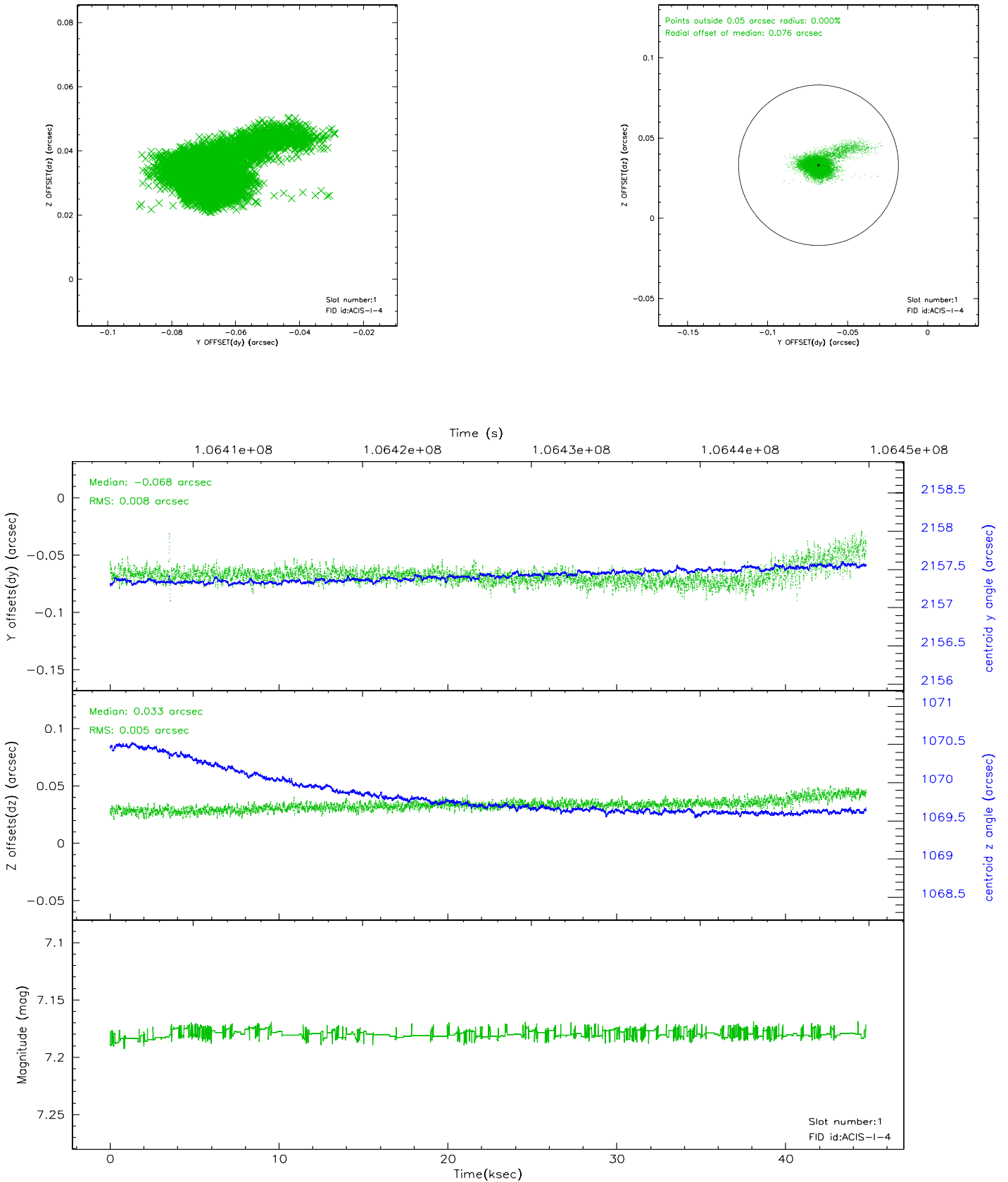


2.5 FID Slots

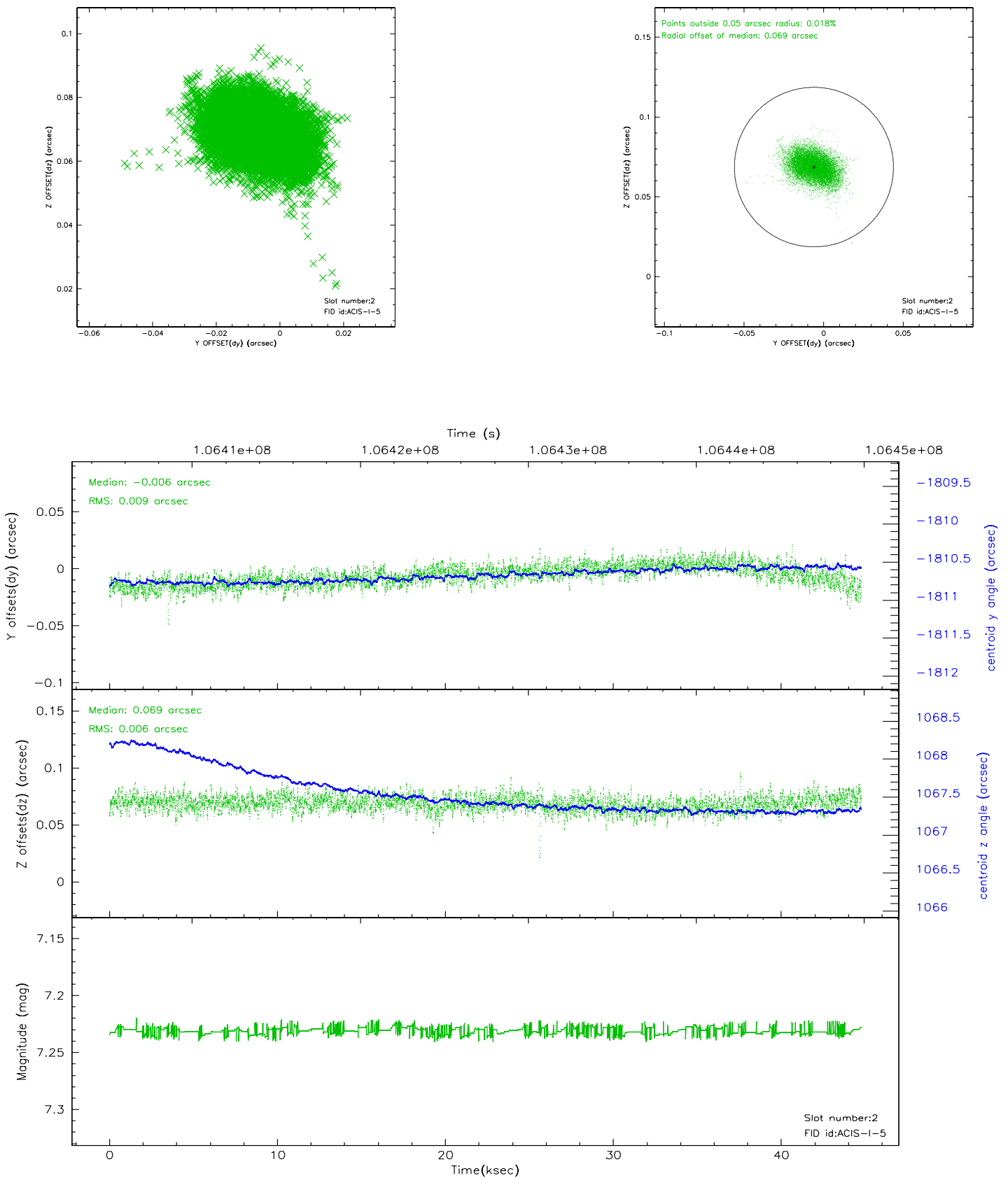
2.5.1 Slot 0



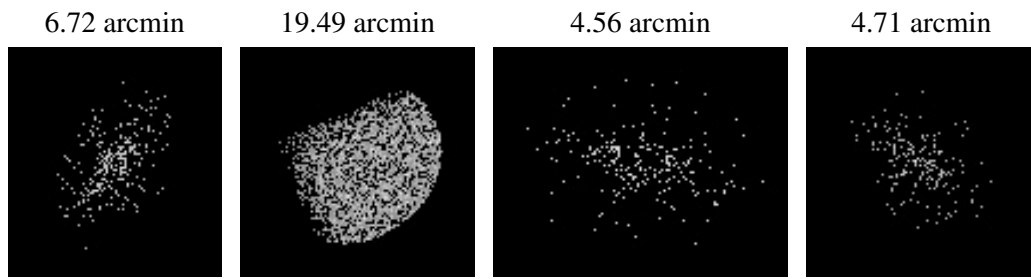
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.281

A.2 Comments