

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4005 - L2 Version 001
Chandra X-Ray Center

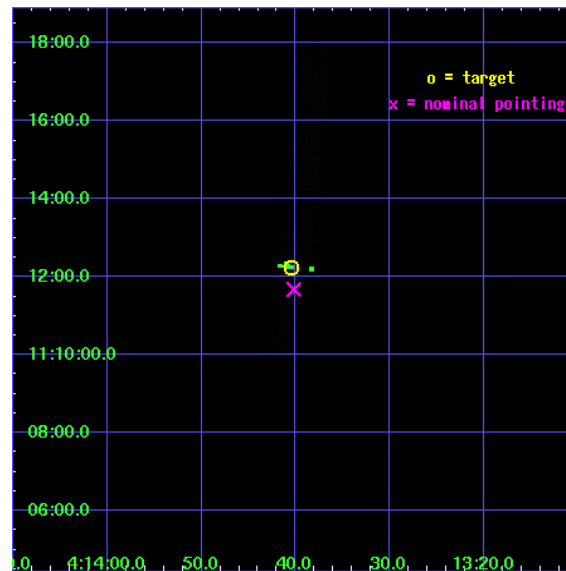
L2 Processing Date : Jul 25 2006

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1 Front

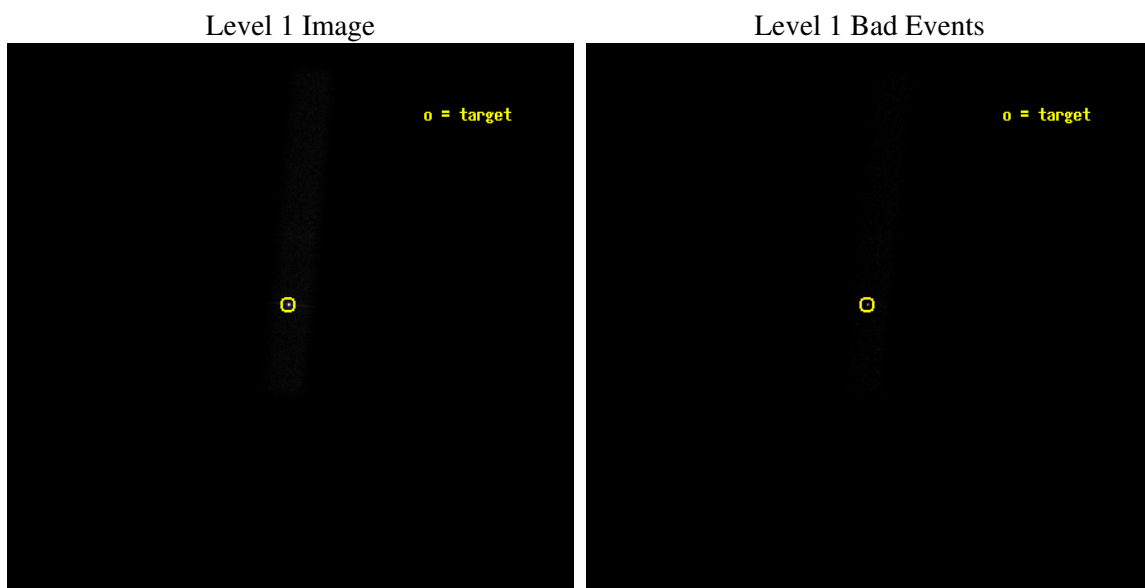
seq_num	700684
obs_id	4005
title	MAGNETIC FIELD STRENGTHS IN THE LOBES OF FRII RADIO SOURCES
observer	Dr Martin Hardcastle
object	3C109
dtcycle	0
cycle	P
ra_targ	63.418333
dec_targ	11.20425
ra_nom	63.417511632671
dec_nom	11.194643370608
roll_nom	275.31088837826
revision	2
ontime	50403.518690944
livetime	45713.330936826
ontime7	50403.518690944
l2events	64889



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-25T15:40:22
revision	2

sched_exp_time	50000.000000
ontime	50852.600562811
ontime7	50852.600562811
l1events	102146

2.1.4 Events

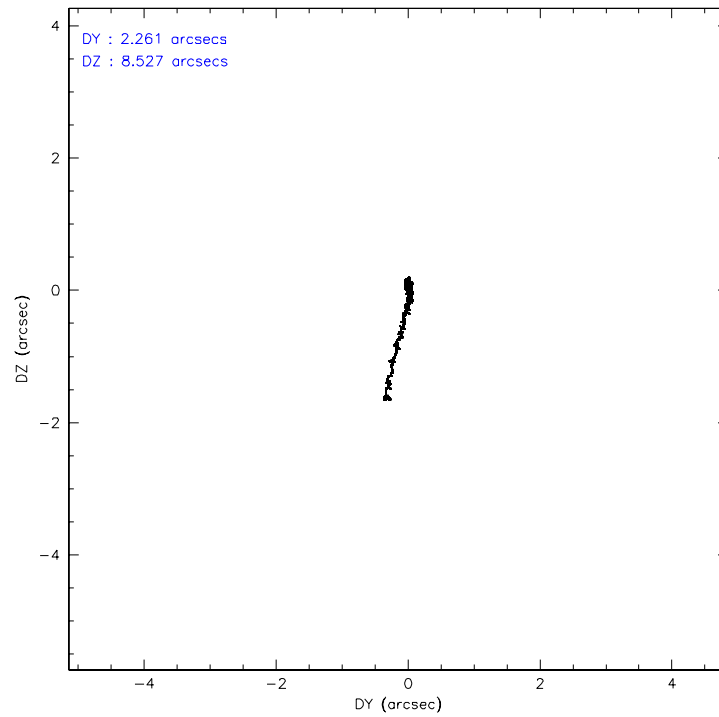
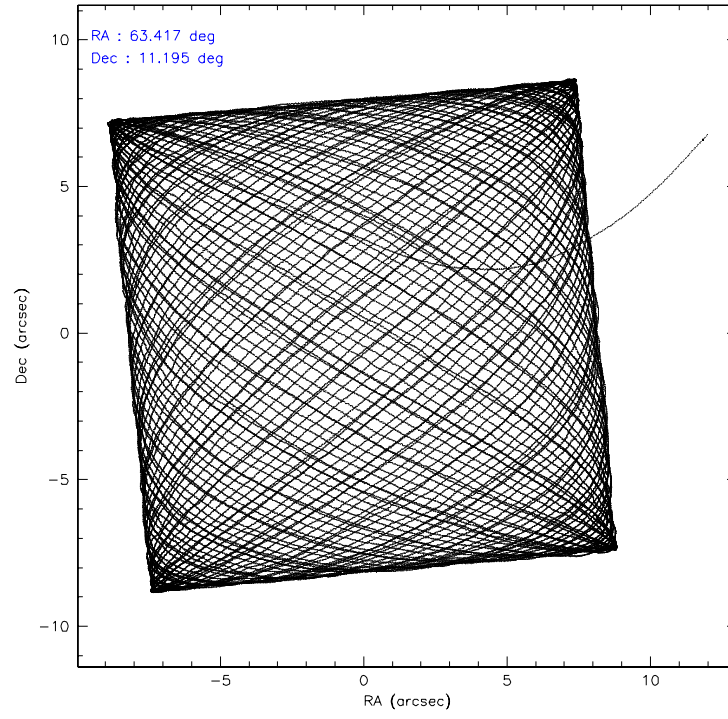
	ccd 7
level 1 events	102146
rejected events	36153
rejected %	35%

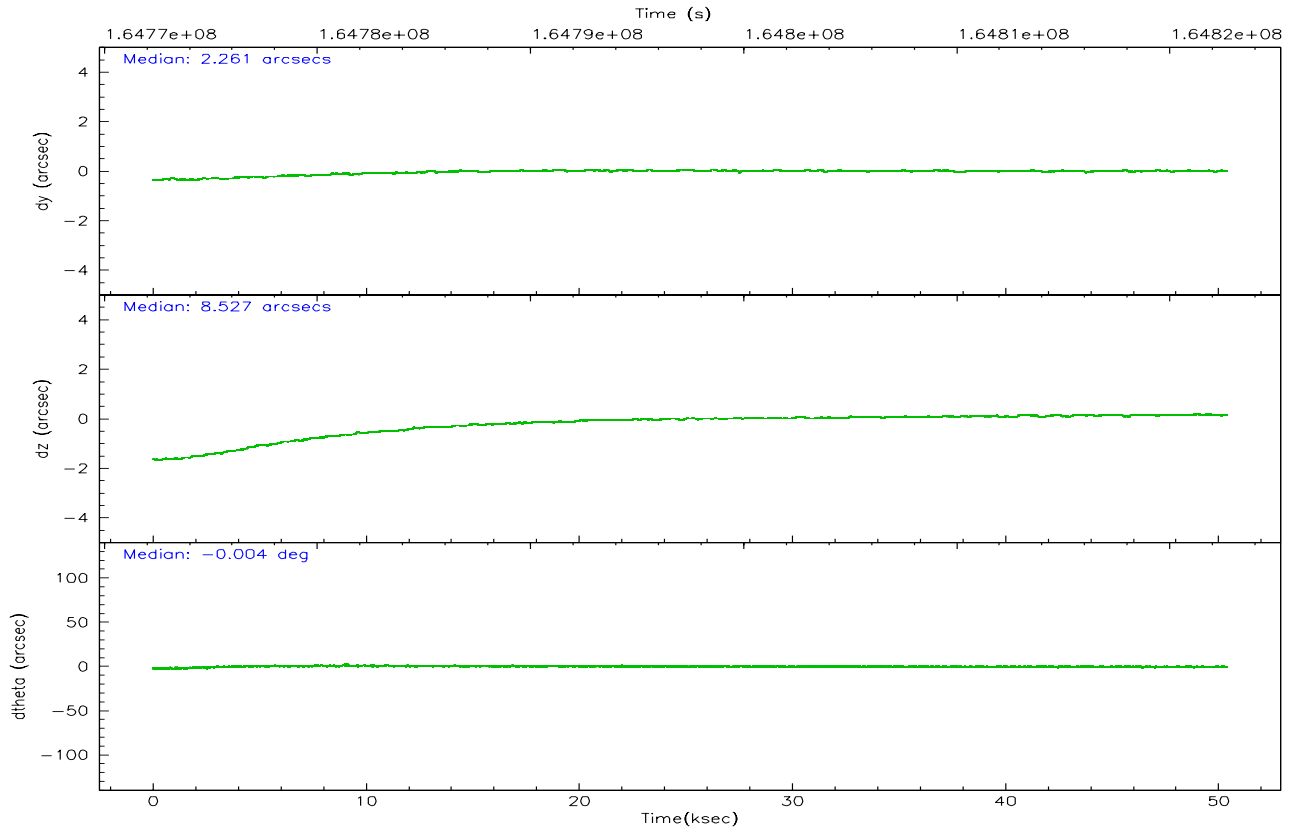
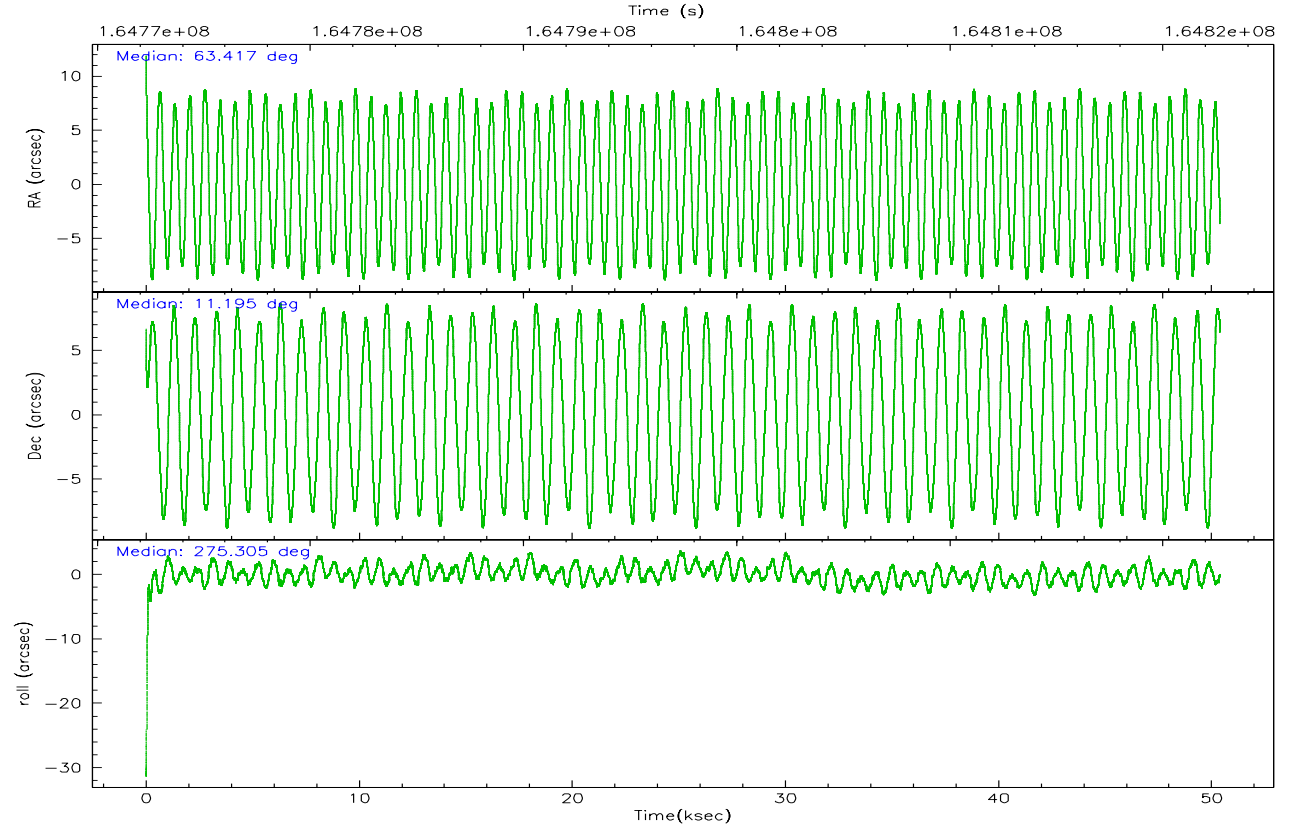
	ccd 7
grade 0 events	11287
	11%
grade 1 events	287
	0%
grade 2 events	16160
	15%
grade 3 events	7430
	7%
grade 4 events	7008
	6%
grade 5 events	5645
	5%
grade 6 events	24388
	23%
grade 7 events	29941
	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	63.401158	63.41751163267113	Subarray start row	0	449
Pointing Dec	11.216617	11.19464337060758	Subarray row count	1024	128
Pointing Roll	275.157446	275.3108883782559	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	164772688.184000	164771616.36135			
Observation start date	2003-03-23T02:10:24	2003-03-23T01:53:36			
Observation end time	164822688.184000	164823735.56355			
Observation end date	2003-03-23T16:03:44	2003-03-23T16:22:15			
Read mode	TIMED	TIMED			

2.3 Aspect



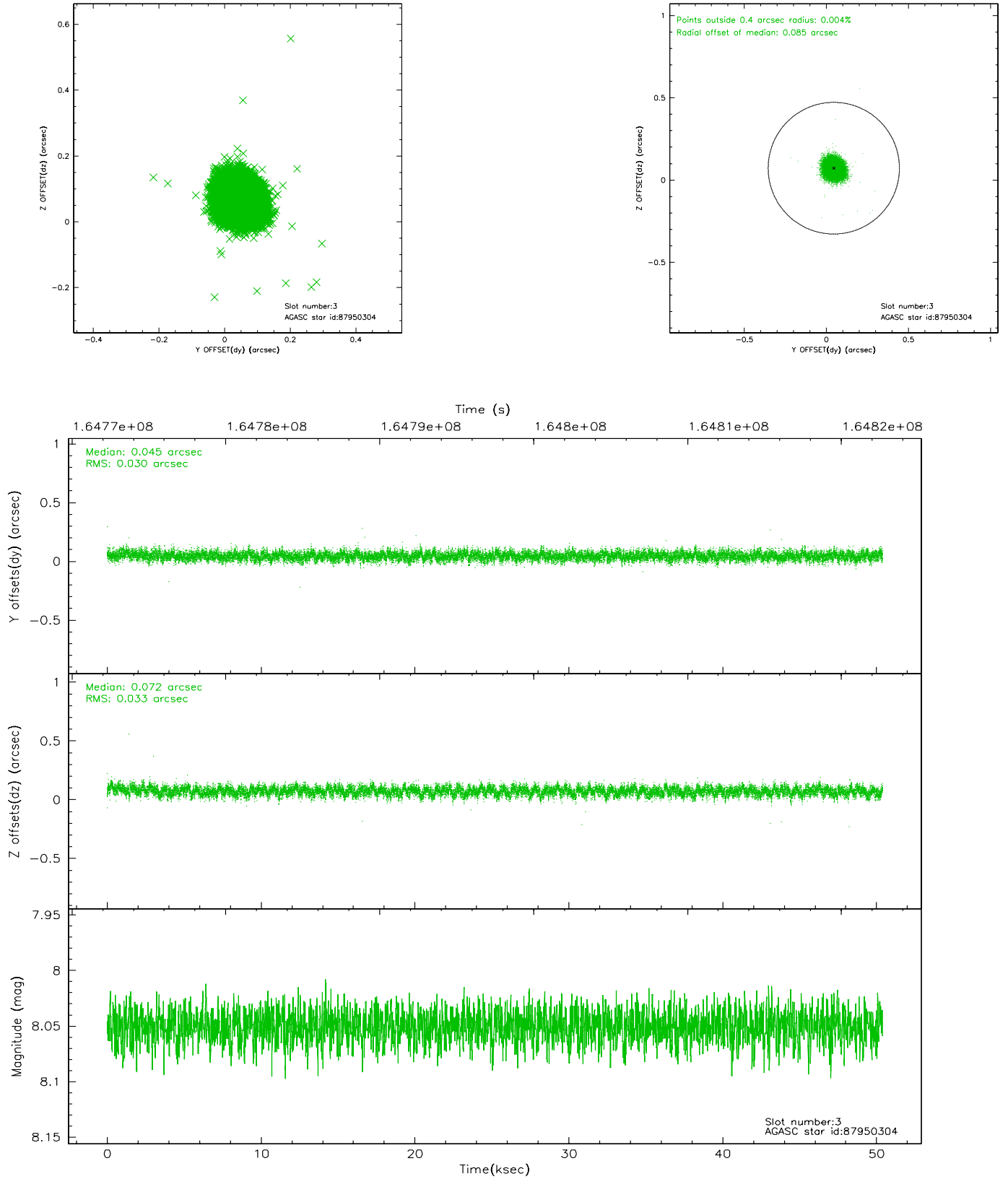


Slot Statistics

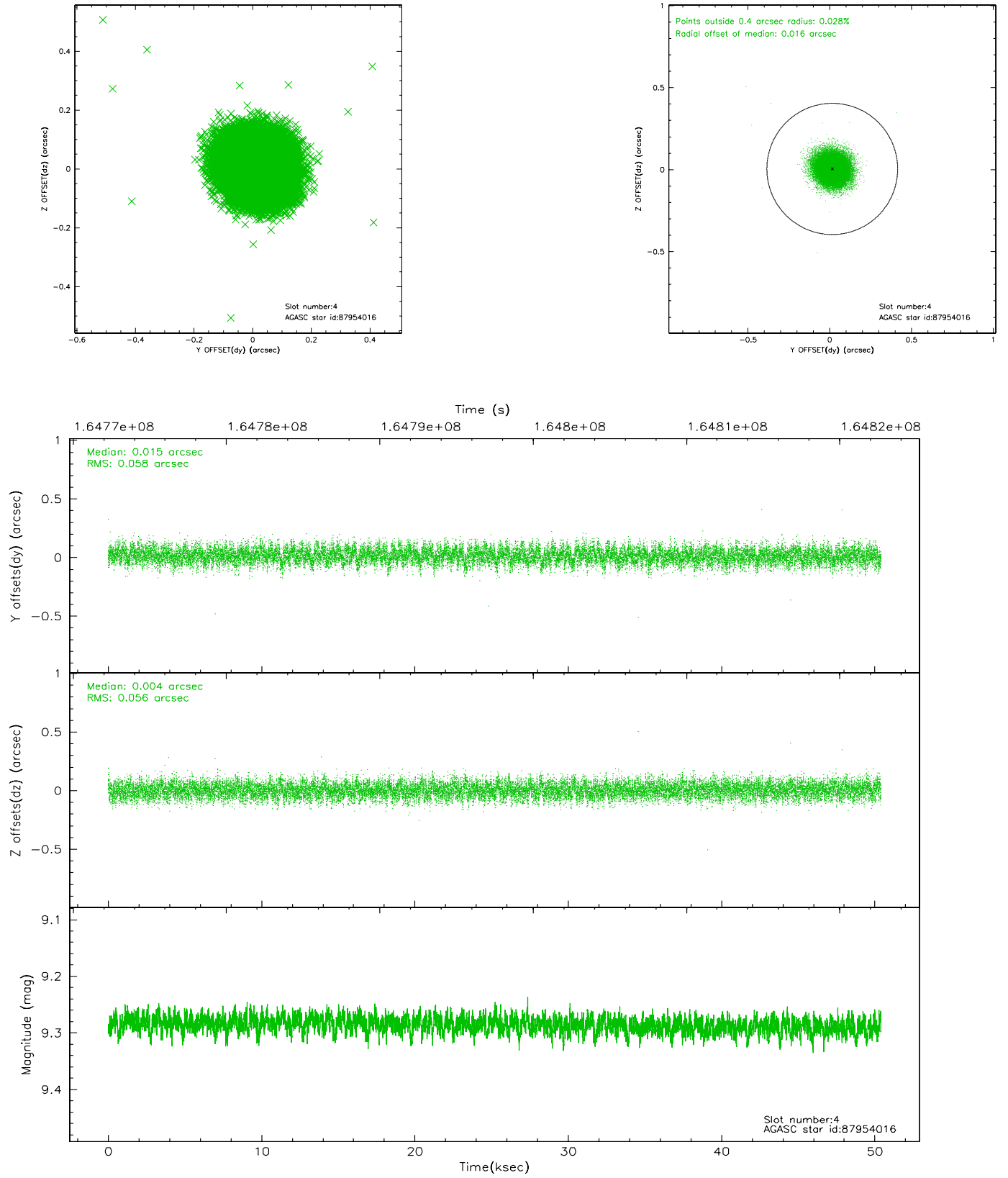
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	12294	-0.011	0.017	0.008	0.018	0.000000	0.000000	-754.85	-1729.48
1	FID	ACIS-S-4	7.20	12293	-0.065	0.001	0.006	0.028	0.000000	0.000000	2158.38	179.01
2	FID	ACIS-S-5	7.24	12293	0.045	-0.009	0.008	0.014	0.000000	0.000000	-1807.66	172.65
3	GUIDE	87950304	8.05	24586	0.045	0.072	0.047	0.076	63.753878	10.748130	1791.51	1091.27
4	GUIDE	87954016	9.29	24580	0.015	0.004	0.086	0.136	63.197646	10.607026	2121.42	-914.10
5	GUIDE	87954552	8.33	24582	0.019	-0.007	0.057	0.093	63.195345	11.171305	97.43	-738.55
6	GUIDE	87955152	7.66	24588	0.013	-0.027	0.066	0.100	63.504124	11.027236	712.02	301.17
7	GUIDE	88343064	8.77	24579	-0.093	-0.041	0.061	0.097	63.058020	11.314635	-460.57	-1174.63

2.4 Star Slots

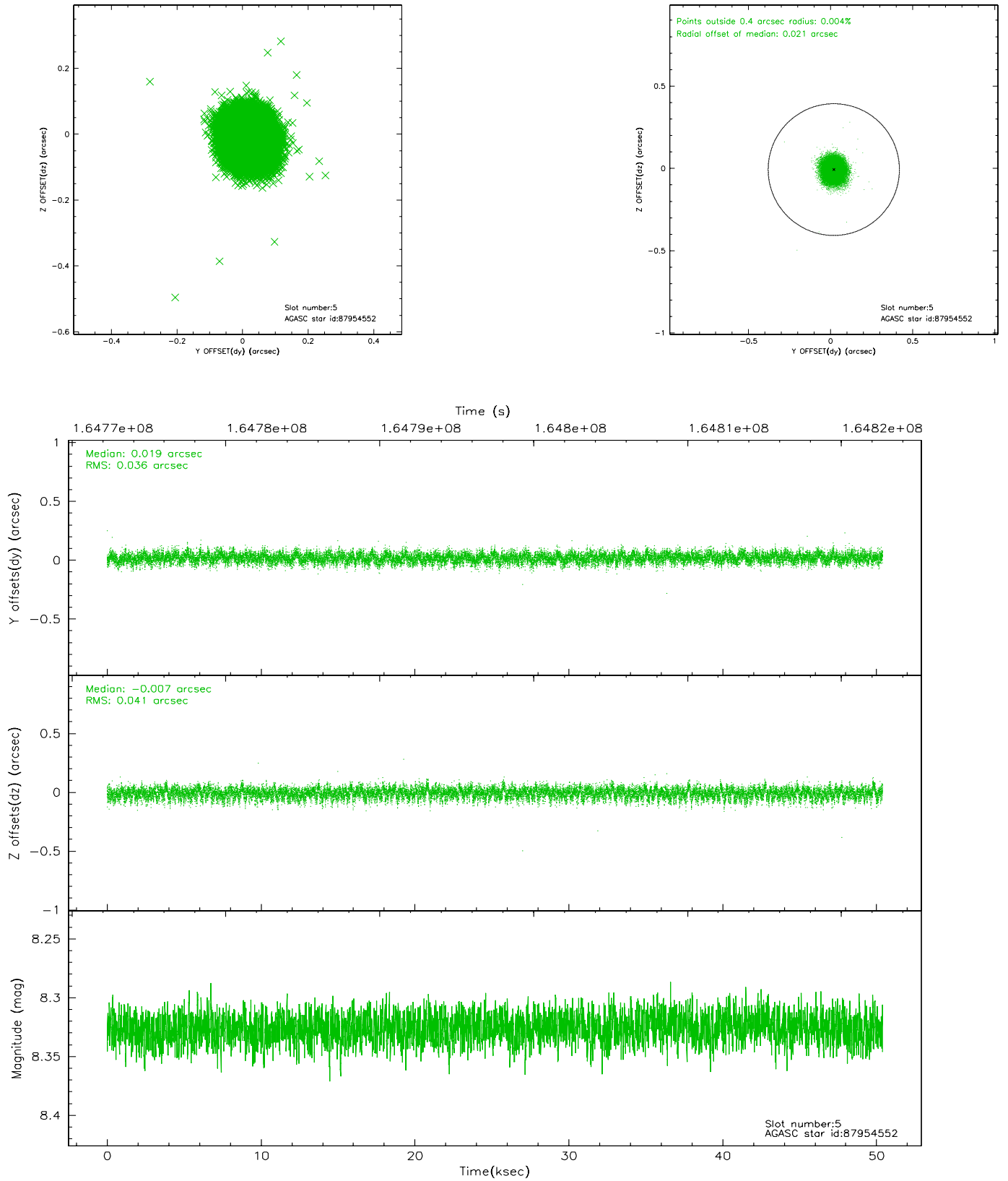
2.4.1 Slot 3



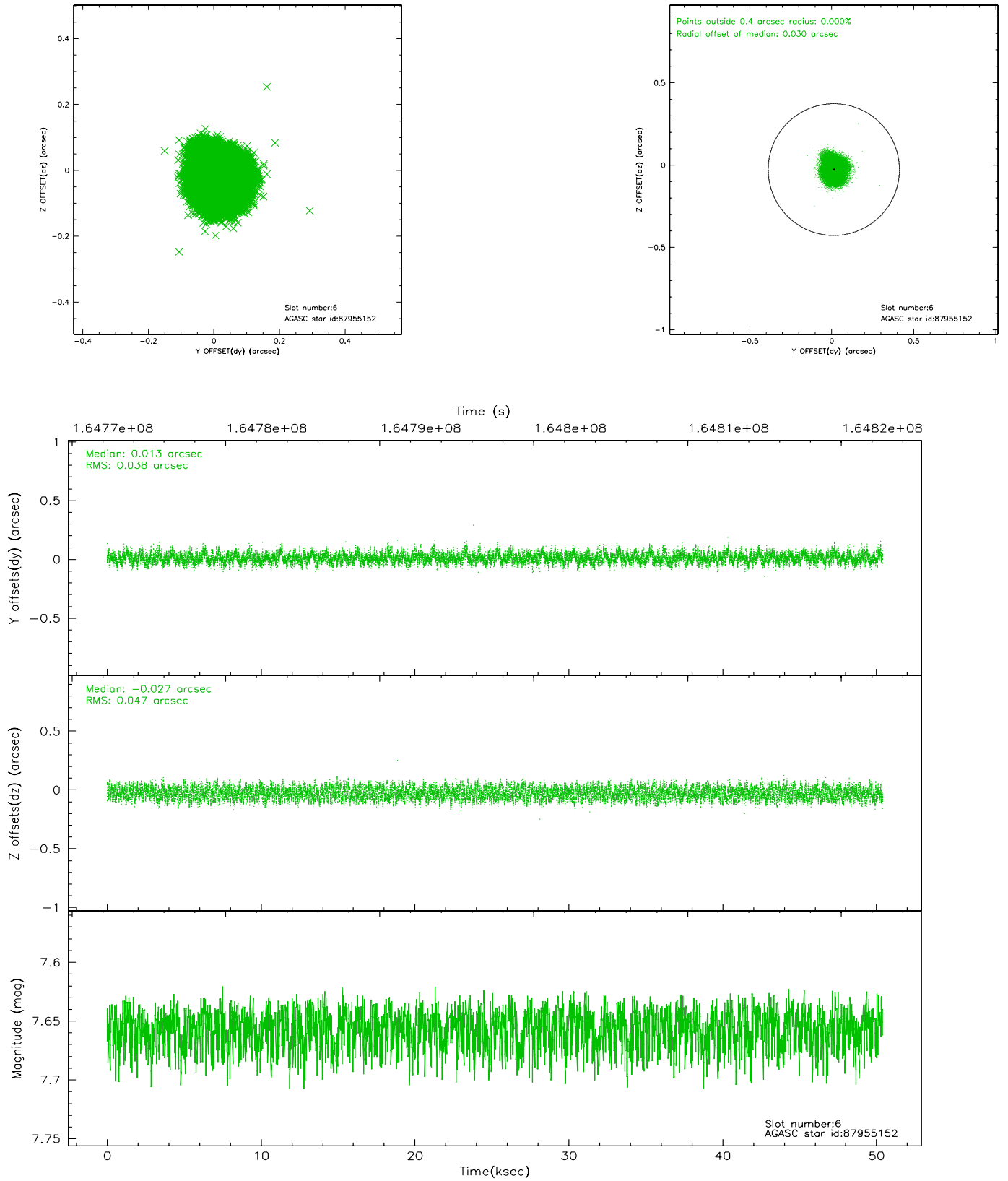
2.4.2 Slot 4



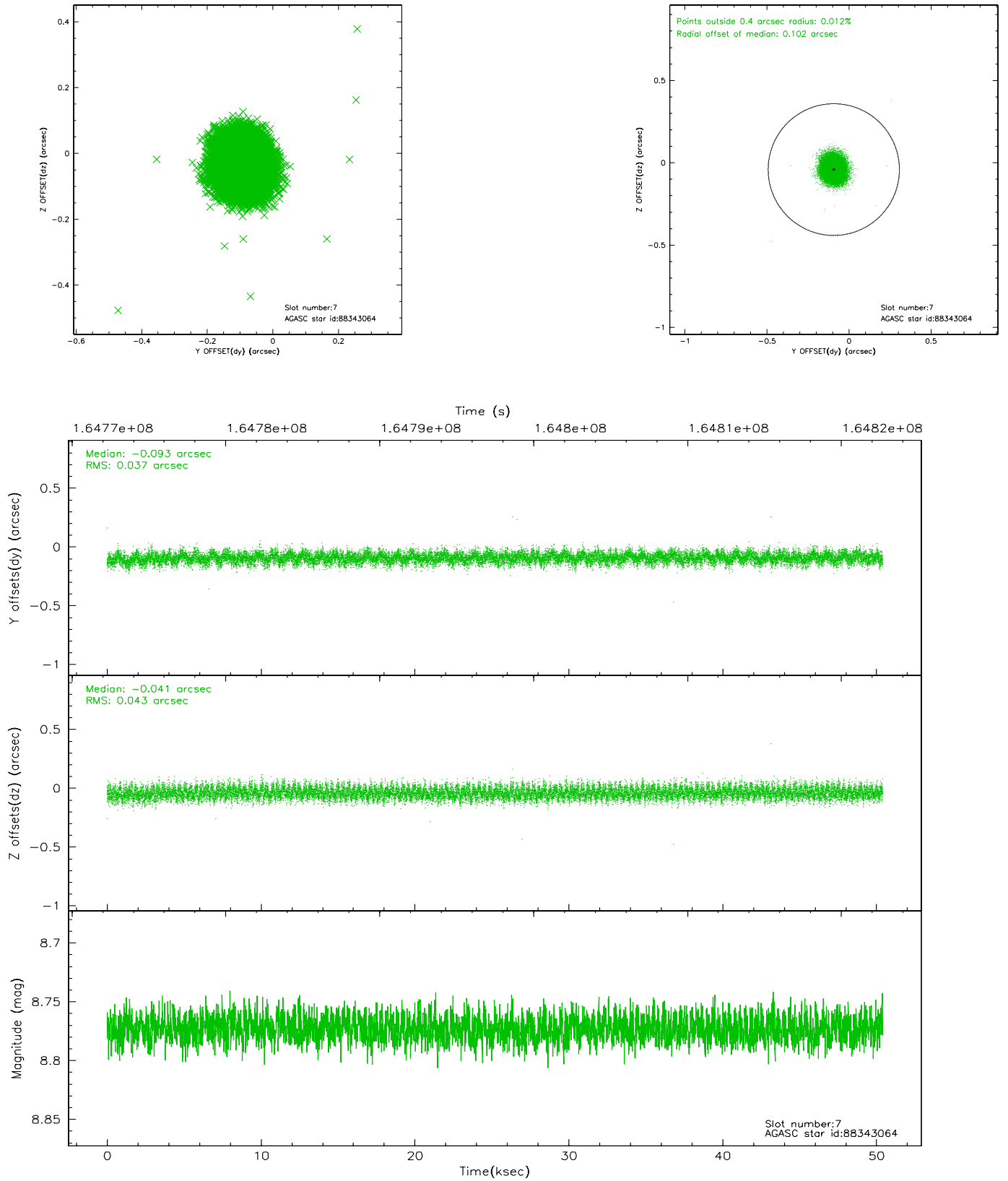
2.4.3 Slot 5



2.4.4 Slot 6

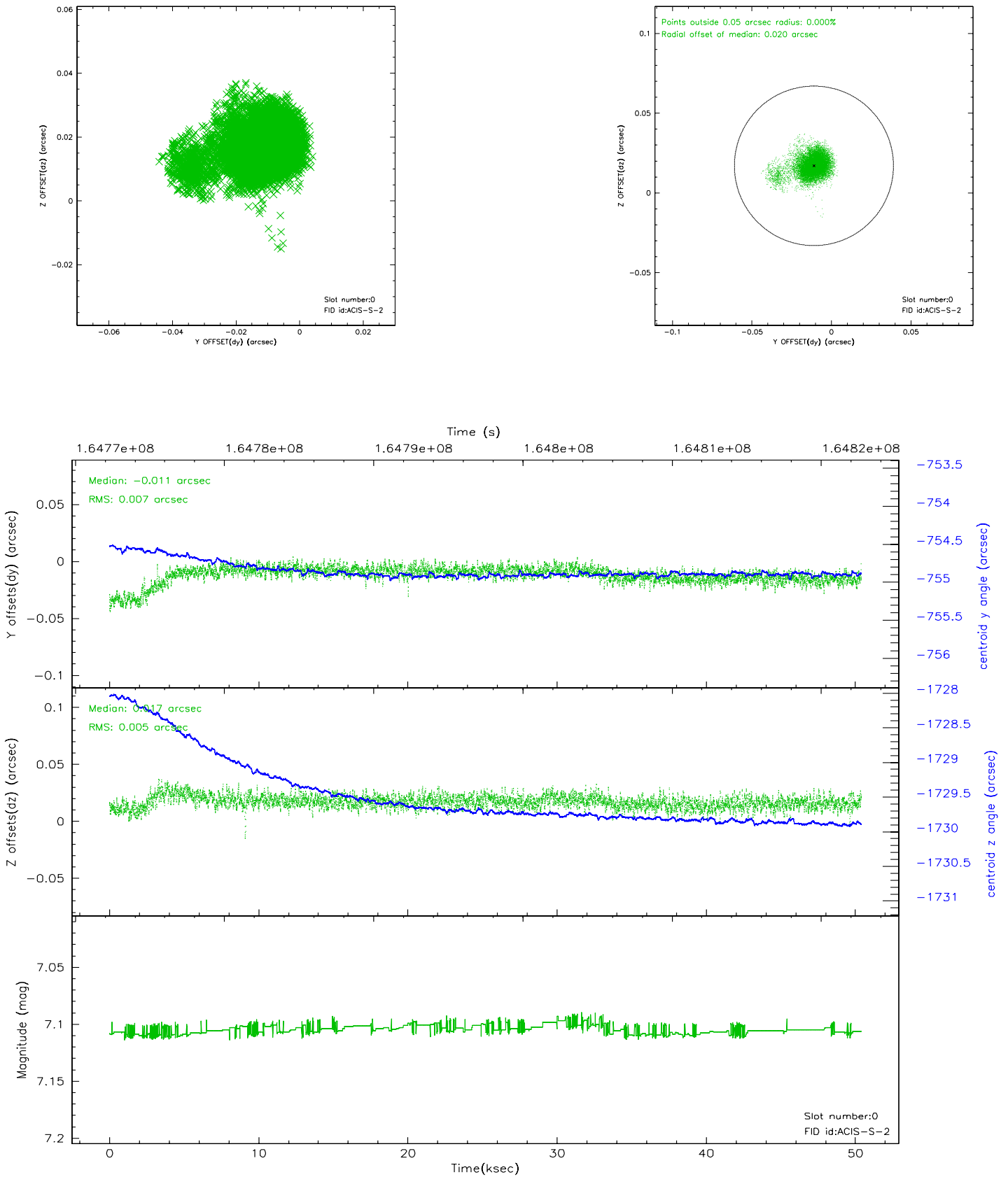


2.4.5 Slot 7

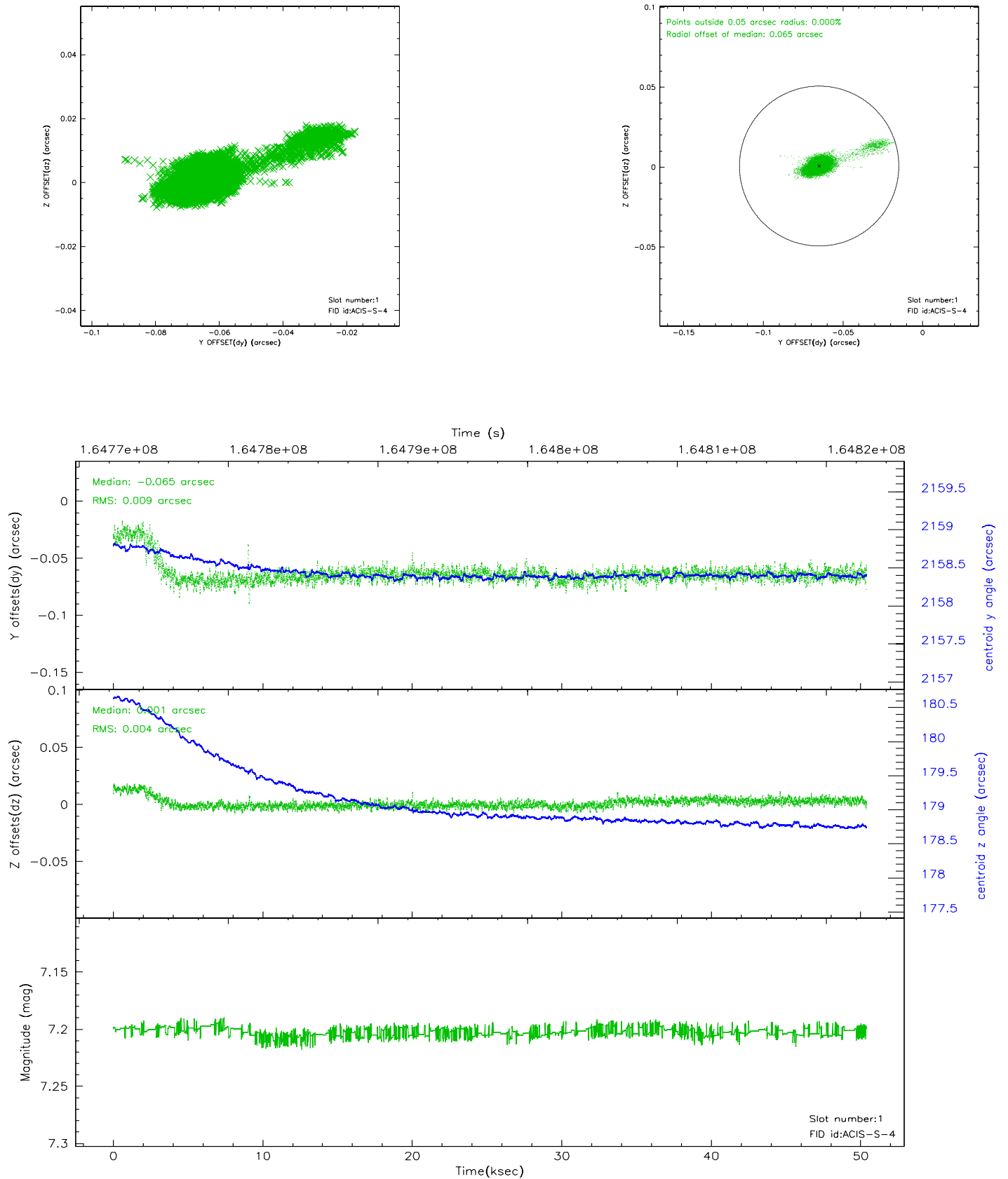


2.5 FID Slots

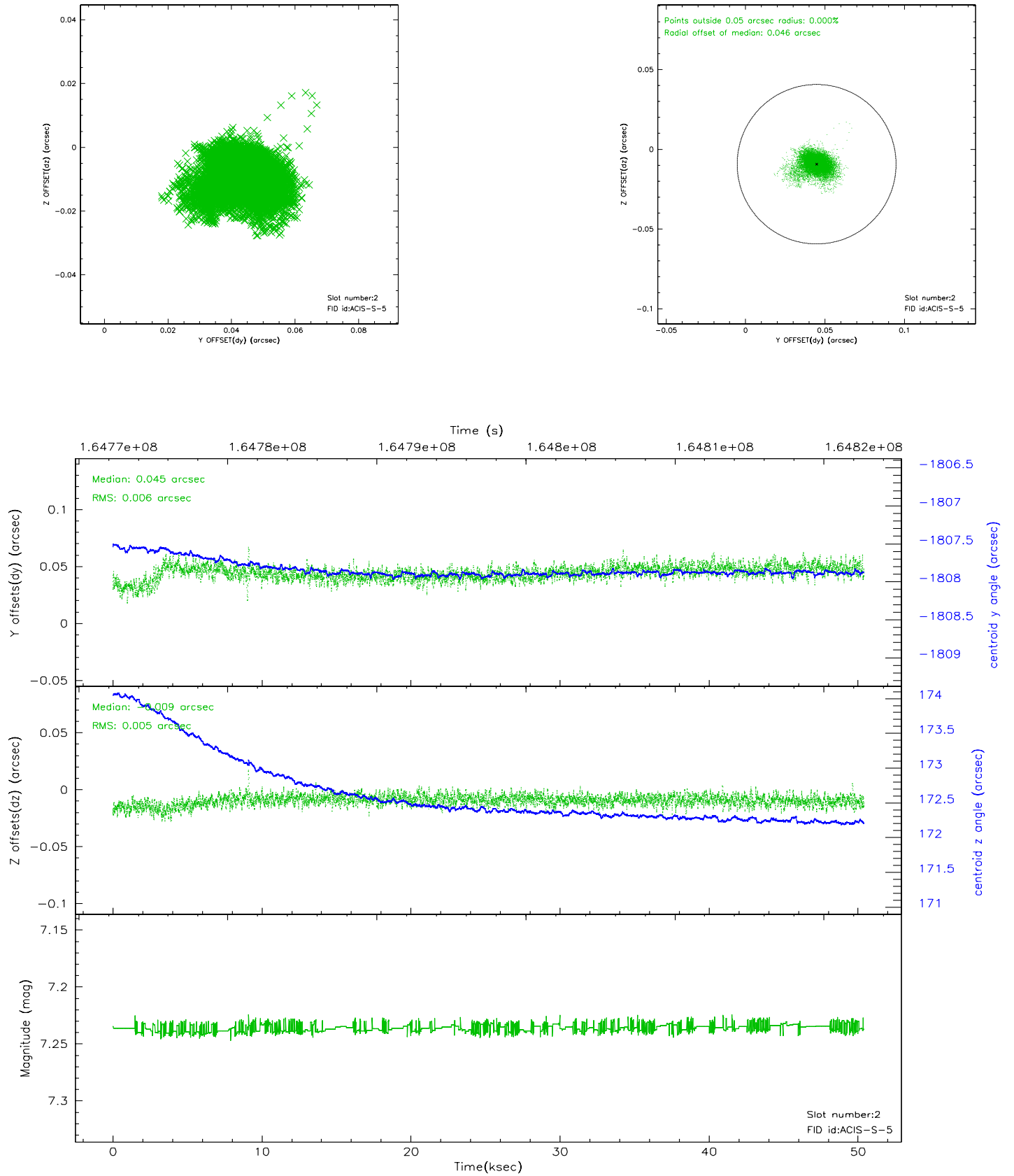
2.5.1 Slot 0



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)	2006.07.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.403

A.2 Comments