

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3843 - L2 Version 001
Chandra X-Ray Center

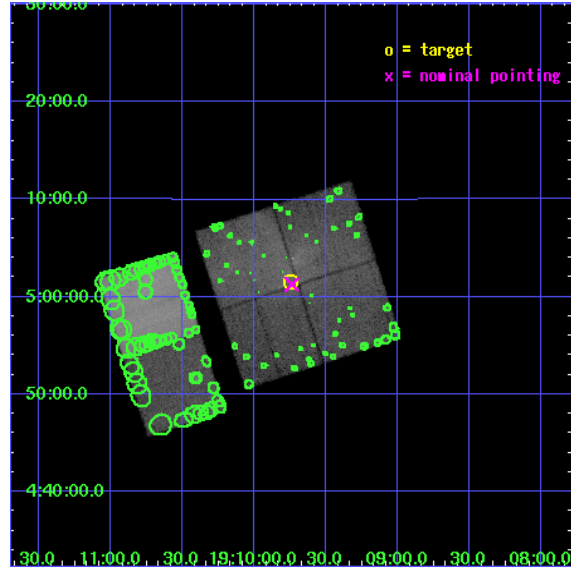
L2 Processing Date : Jul 7 2006

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1 Front

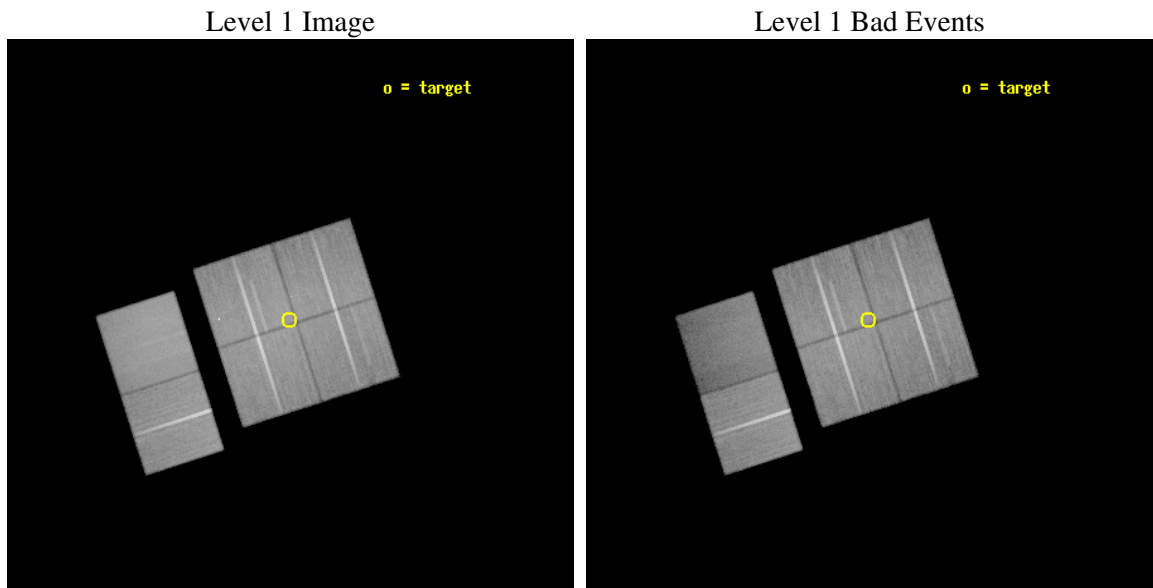
seq_num	500322
obs_id	3843
title	A JET-CLOUD INTERACTION IN W50: THE GALACTIC MICRO-QUASAR ASSOCIATED WITH SS 433
observer	Prof. Samar Safi-Harb
object	W50-WEST
dtcycle	0
cycle	P
ra_targ	287.4375
dec_targ	5.024722
ra_nom	287.43446341681
dec_nom	5.02121850326
roll_nom	252.20895506165
revision	2
ontime	72063.302986562
livetime	71150.794052835
ontime0	72085.989898473
ontime1	72069.784967005
ontime2	72021.170053452
ontime3	72063.302986562
ontime6	72047.098005682
ontime7	72115.158741087
l2events	464783



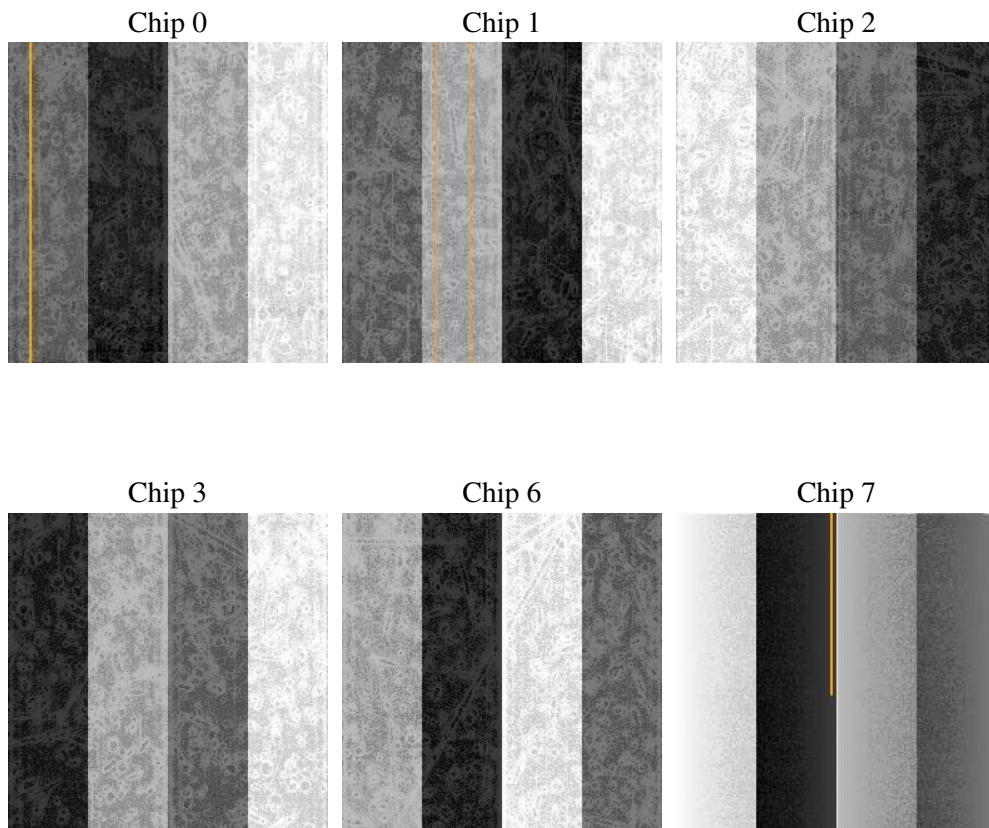
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-07T15:50:26
revision	2

sched_exp_time	72000.000000
ontime	73908.012379557
ontime0	73930.699311405
ontime1	73914.49436
ontime2	73865.879466385
ontime3	73908.012379557
ontime6	73891.807418615
ontime7	73959.868154019
l1events	2320974

2.1.4 Events

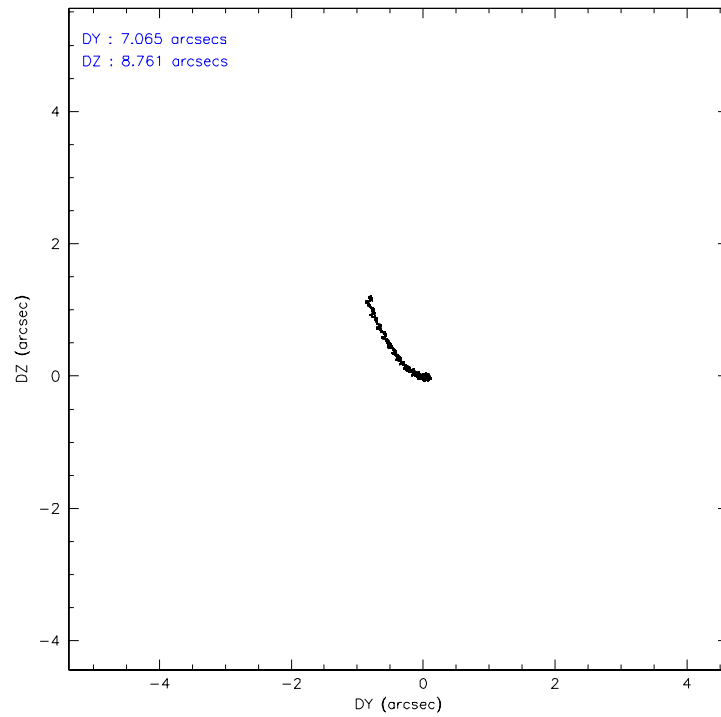
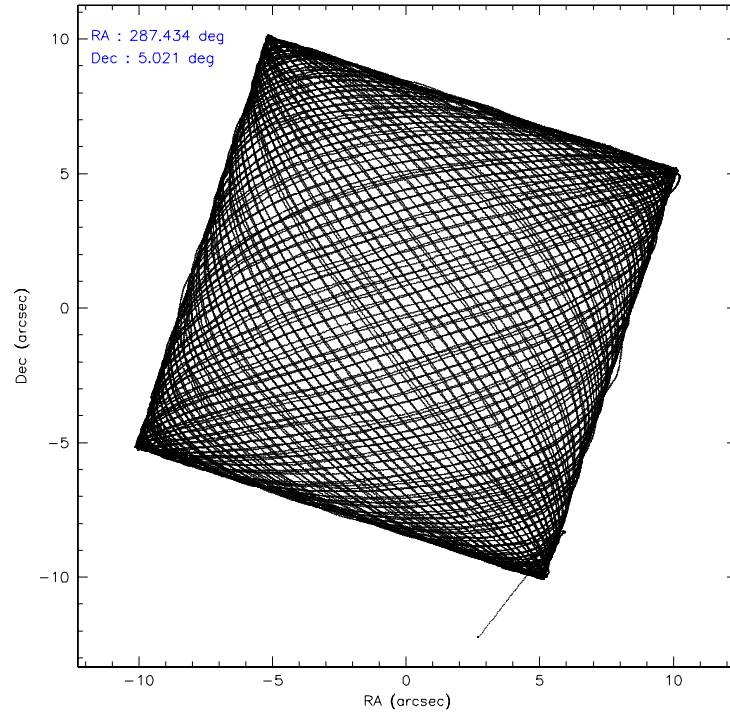
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	354590	363809	392367	406675	387867	415666
rejected events	300991	301043	346333	332966	337806	195784
rejected %	84%	82%	88%	81%	87%	47%

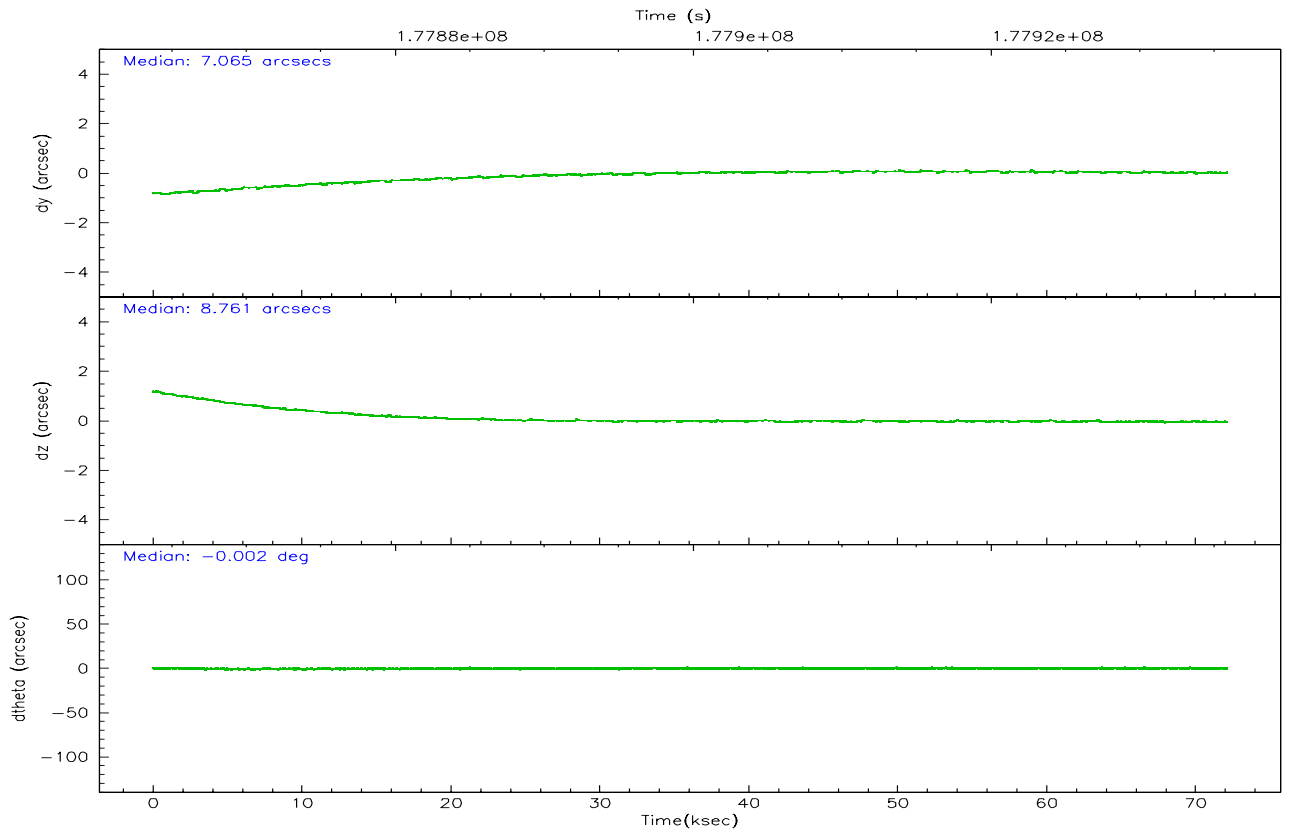
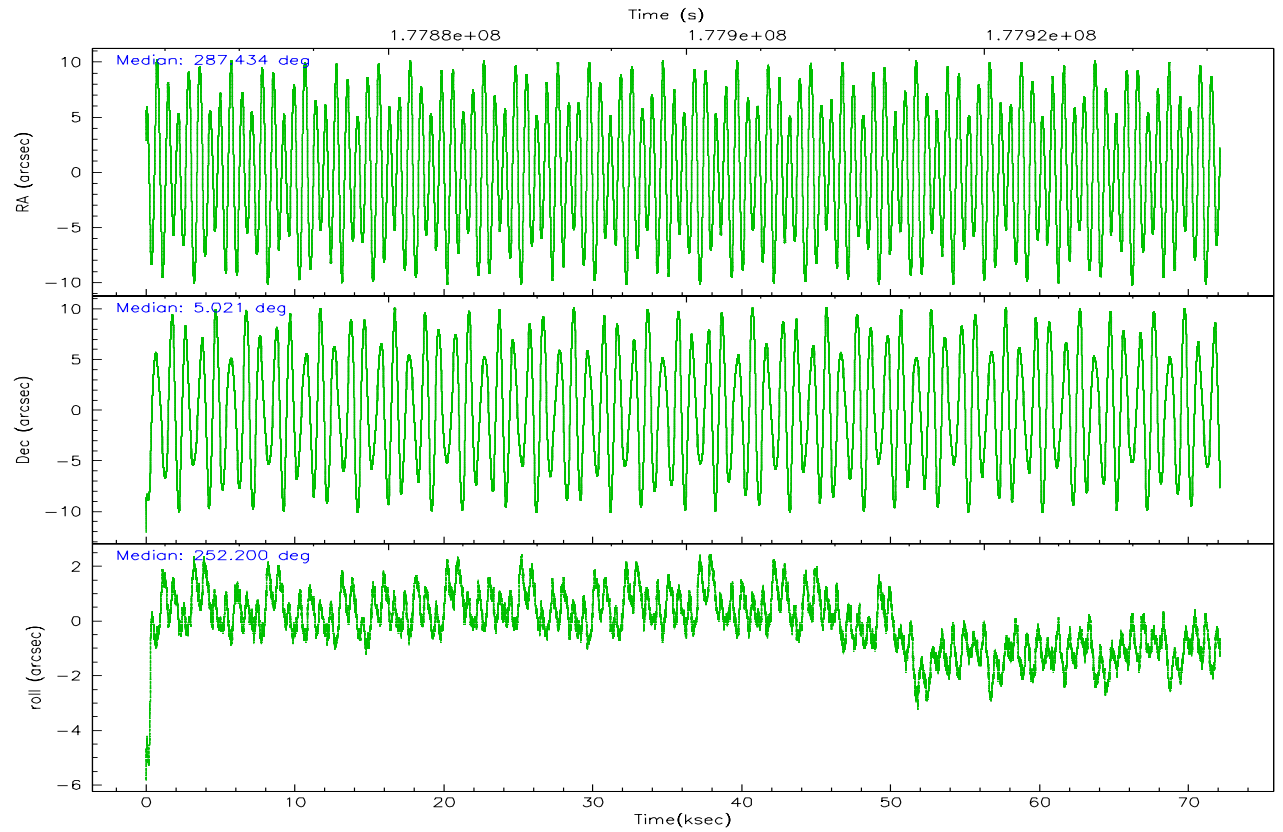
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	28811	34305	23283	44831	25104	17773
	8%	9%	5%	11%	6%	4%
grade 1 events	232	256	233	332	211	248
	0%	0%	0%	0%	0%	0%
grade 2 events	9870	10638	8853	11439	9280	54478
	2%	2%	2%	2%	2%	13%
grade 3 events	4710	5368	4181	5411	4528	14155
	1%	1%	1%	1%	1%	3%
grade 4 events	4330	5387	4246	5282	4429	13957
	1%	1%	1%	1%	1%	3%
grade 5 events	10353	11407	9887	12311	12521	27650
	2%	3%	2%	3%	3%	6%
grade 6 events	6865	8097	6376	7748	7791	123641
	1%	2%	1%	1%	2%	29%
grade 7 events	289419	288351	335308	319321	324003	163764
	81%	79%	85%	78%	83%	39%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	287.428542	287.4344634168056	Alternating exposures requested	N	N
Pointing Dec	5.047956	5.021218503260019	Primary exposure time	0.000000	3.2
Pointing Roll	252.000787	252.2089550616521			
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	177863862.184000	177861899.09199			
Observation start date	2003-08-21T14:36:38	2003-08-21T14:04:59			
Observation end time	177935862.184000	177936549.84519			
Observation end date	2003-08-22T10:36:38	2003-08-22T10:49:09			
Read mode	TIMED	TIMED			

2.3 Aspect



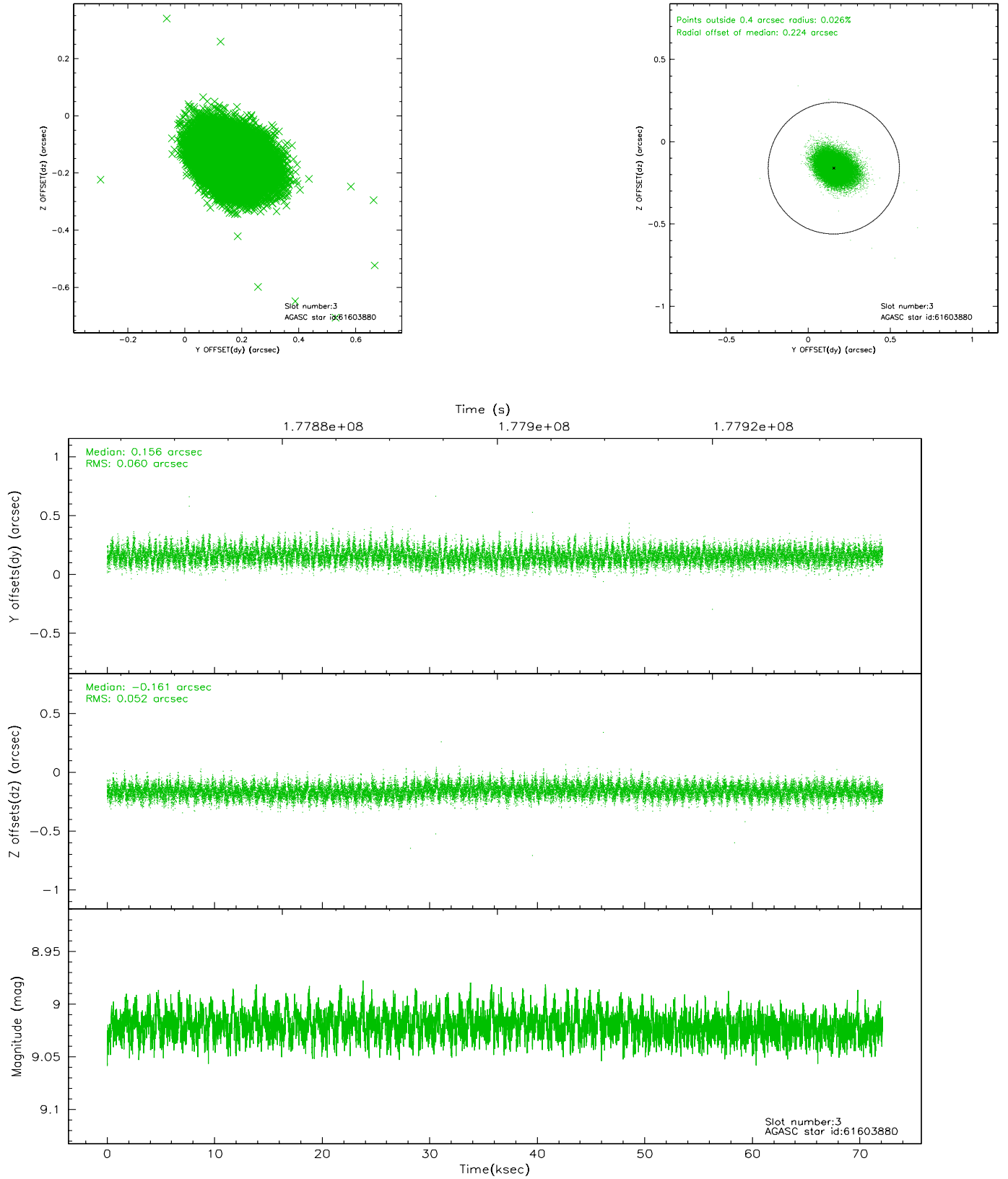


Slot Statistics

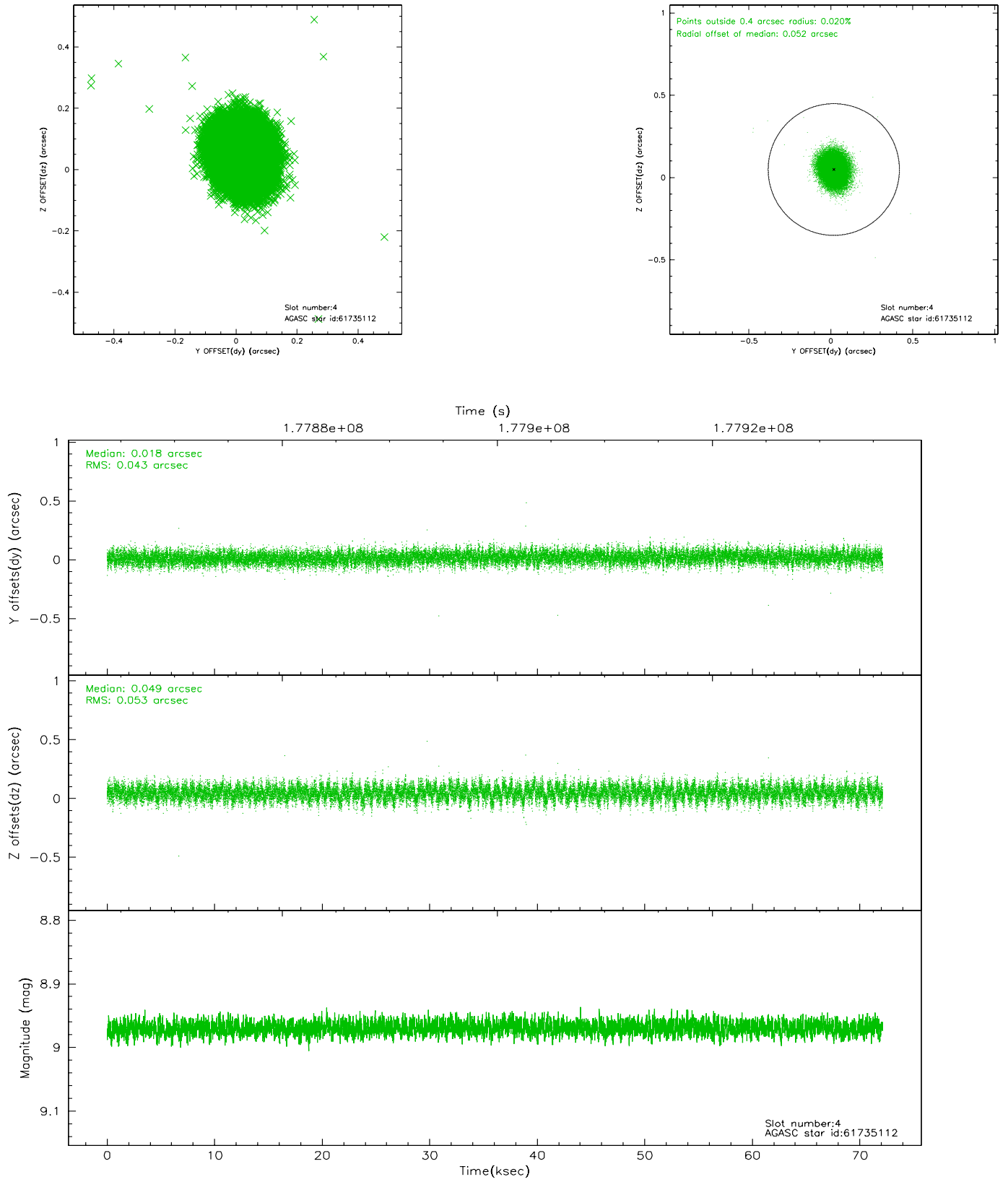
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	17589	-0.023	0.075	0.009	0.019	0.000000	0.000000	932.73	-832.26
1	FID	ACIS-I-5	7.23	17589	-0.097	0.026	0.009	0.015	0.000000	0.000000	-1815.49	1065.20
2	FID	ACIS-I-6	7.26	17589	0.029	-0.031	0.011	0.023	0.000000	0.000000	398.38	1709.59
3	GUIDE	61603880	9.02	35165	0.156	-0.161	0.083	0.140	286.650966	4.752396	1873.14	-2324.46
4	GUIDE	61735112	8.97	35177	0.018	0.049	0.073	0.118	287.407547	5.552633	-1704.38	-632.91
5	GUIDE	61745024	7.61	35175	-0.136	-0.018	0.054	0.083	288.156168	5.297362	-1661.75	2202.82
6	GUIDE	62261992	8.31	35178	-0.065	0.108	0.073	0.116	287.440204	5.677231	-2167.32	-660.13
7	GUIDE	61741480	8.42	35176	0.026	0.021	0.097	0.158	287.973237	4.806511	221.88	2127.10

2.4 Star Slots

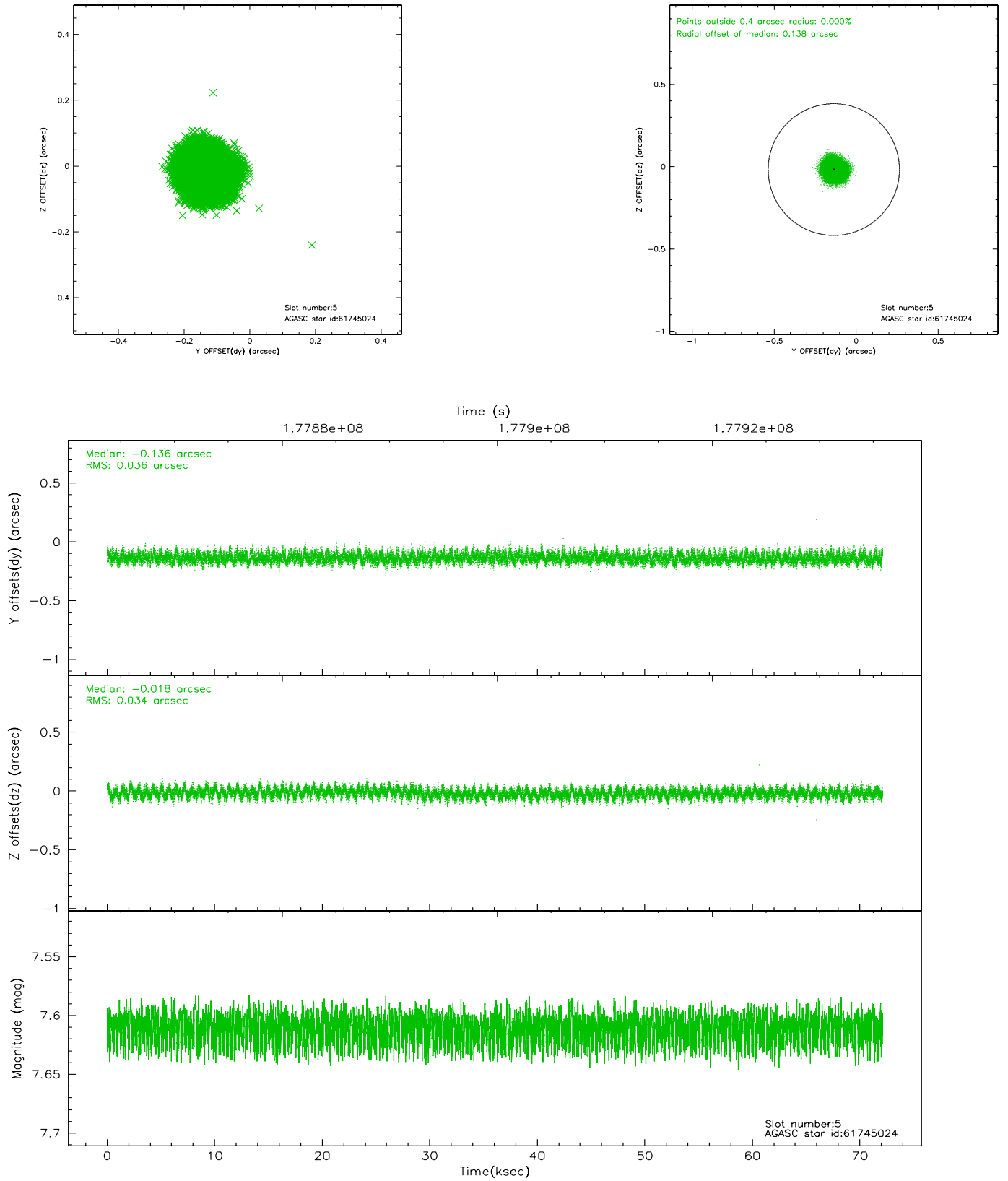
2.4.1 Slot 3



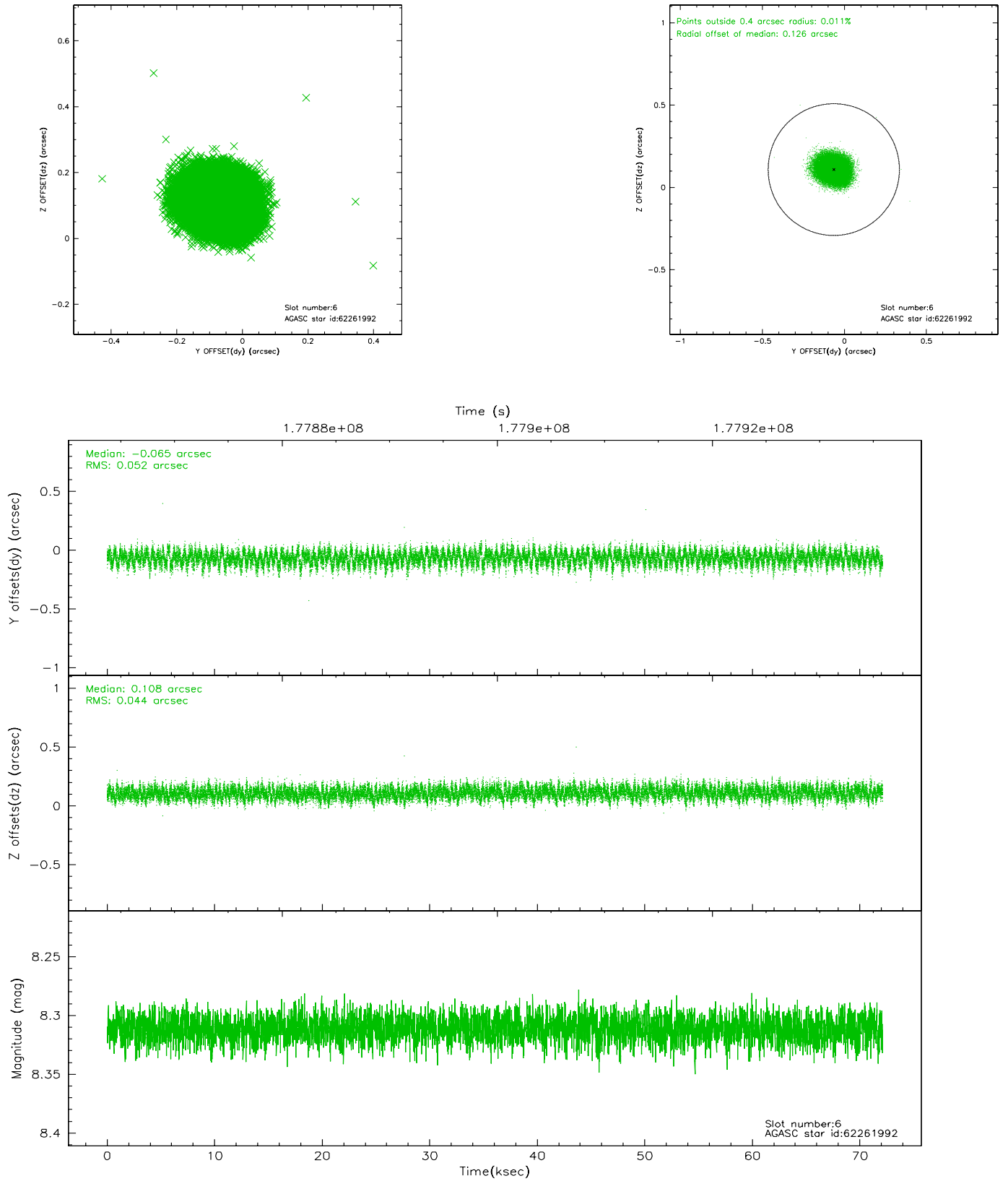
2.4.2 Slot 4



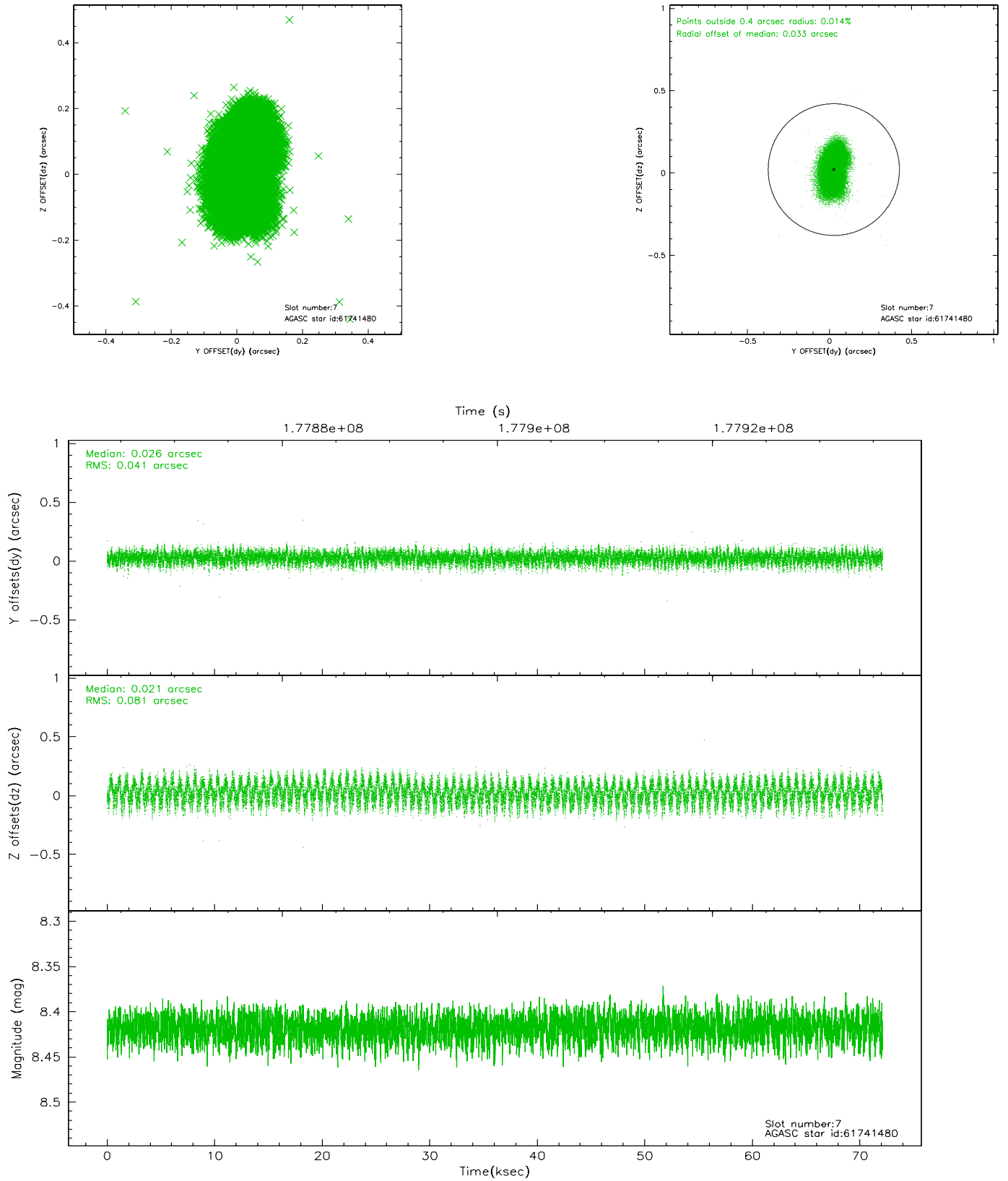
2.4.3 Slot 5



2.4.4 Slot 6

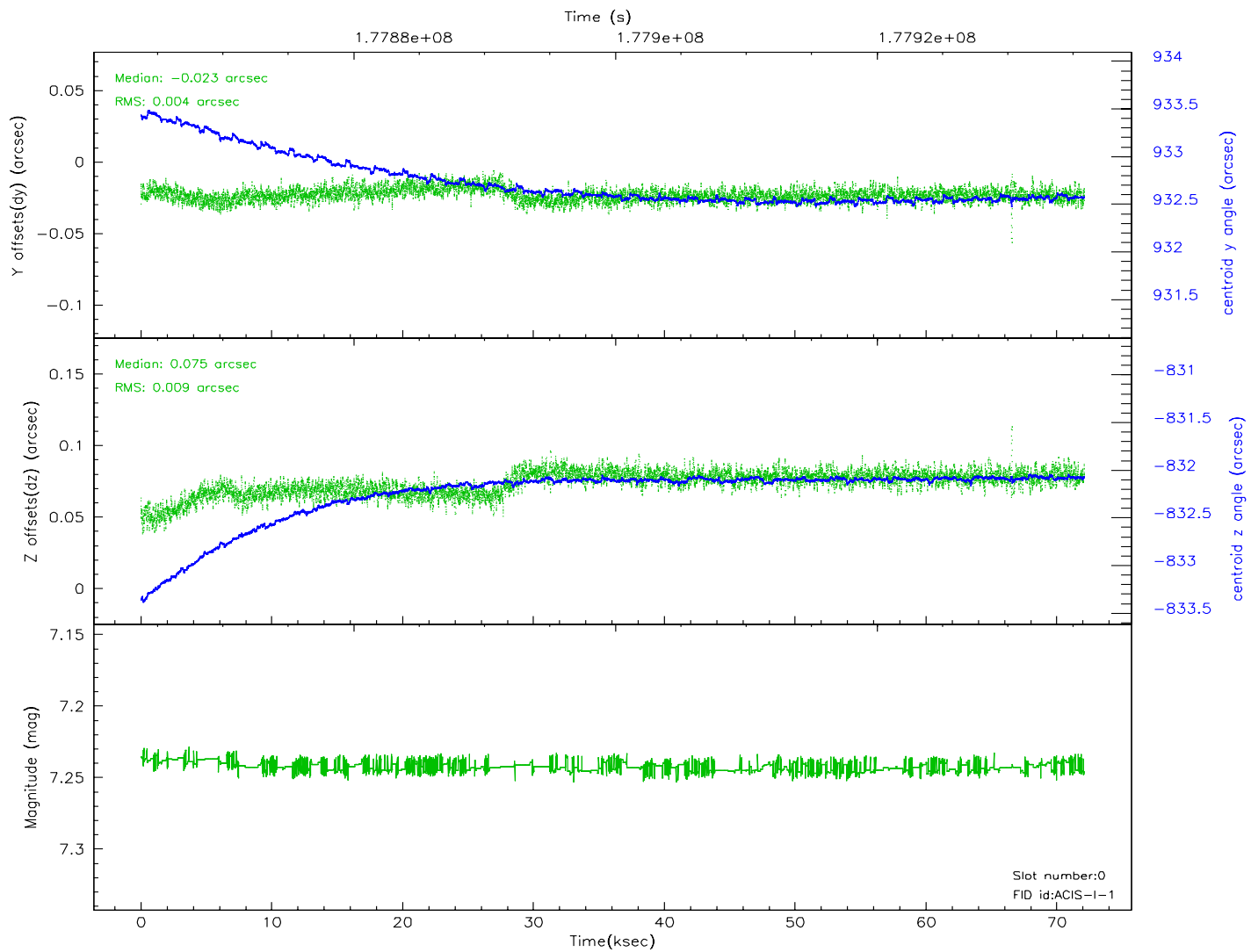
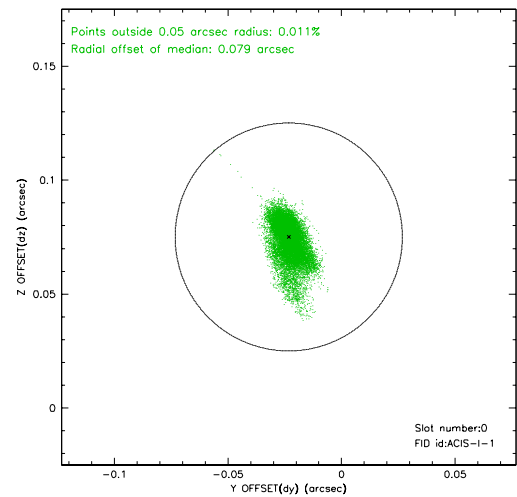
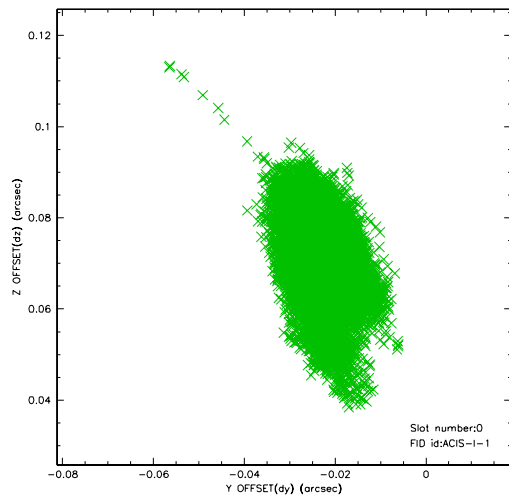


2.4.5 Slot 7

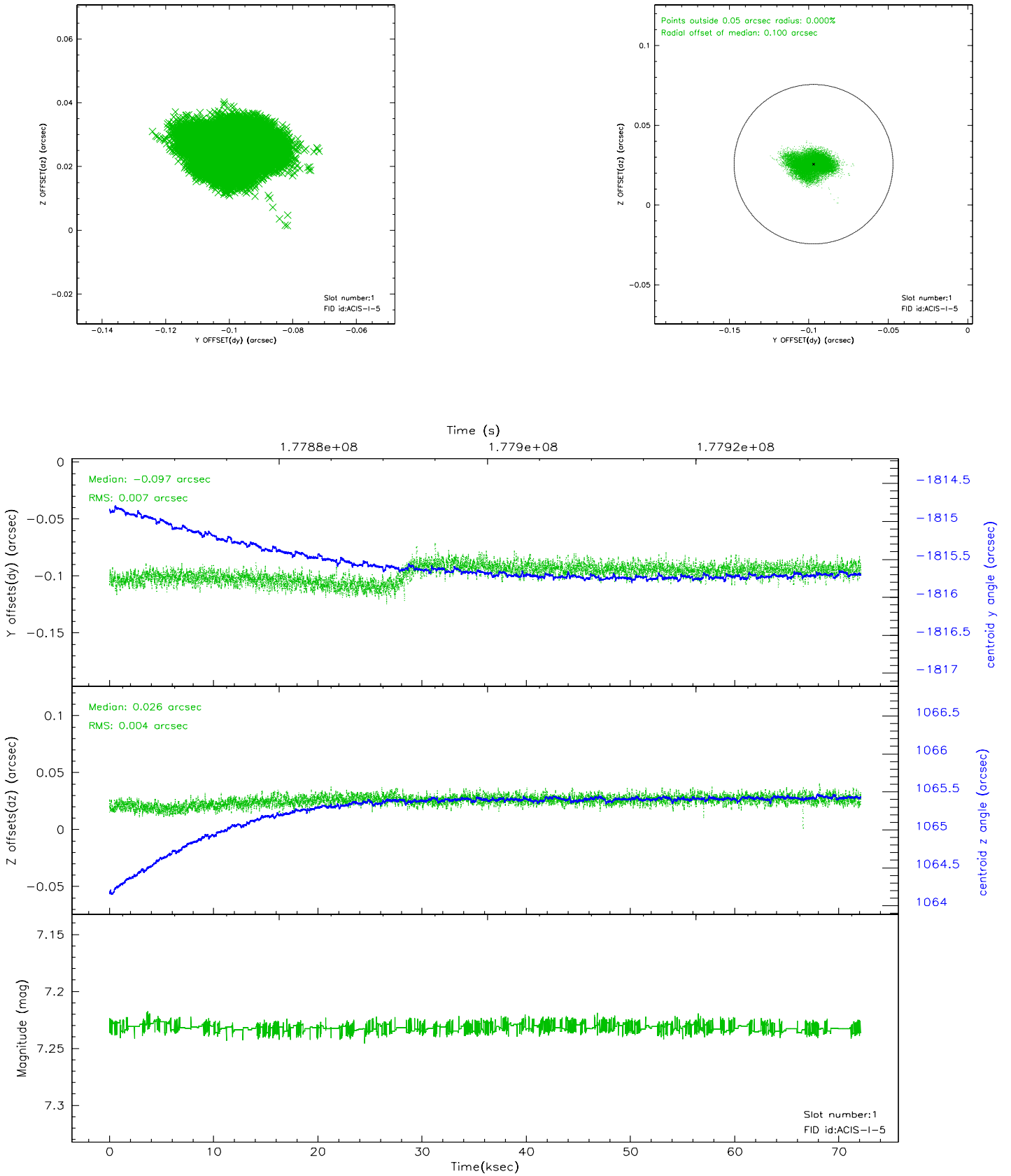


2.5 FID Slots

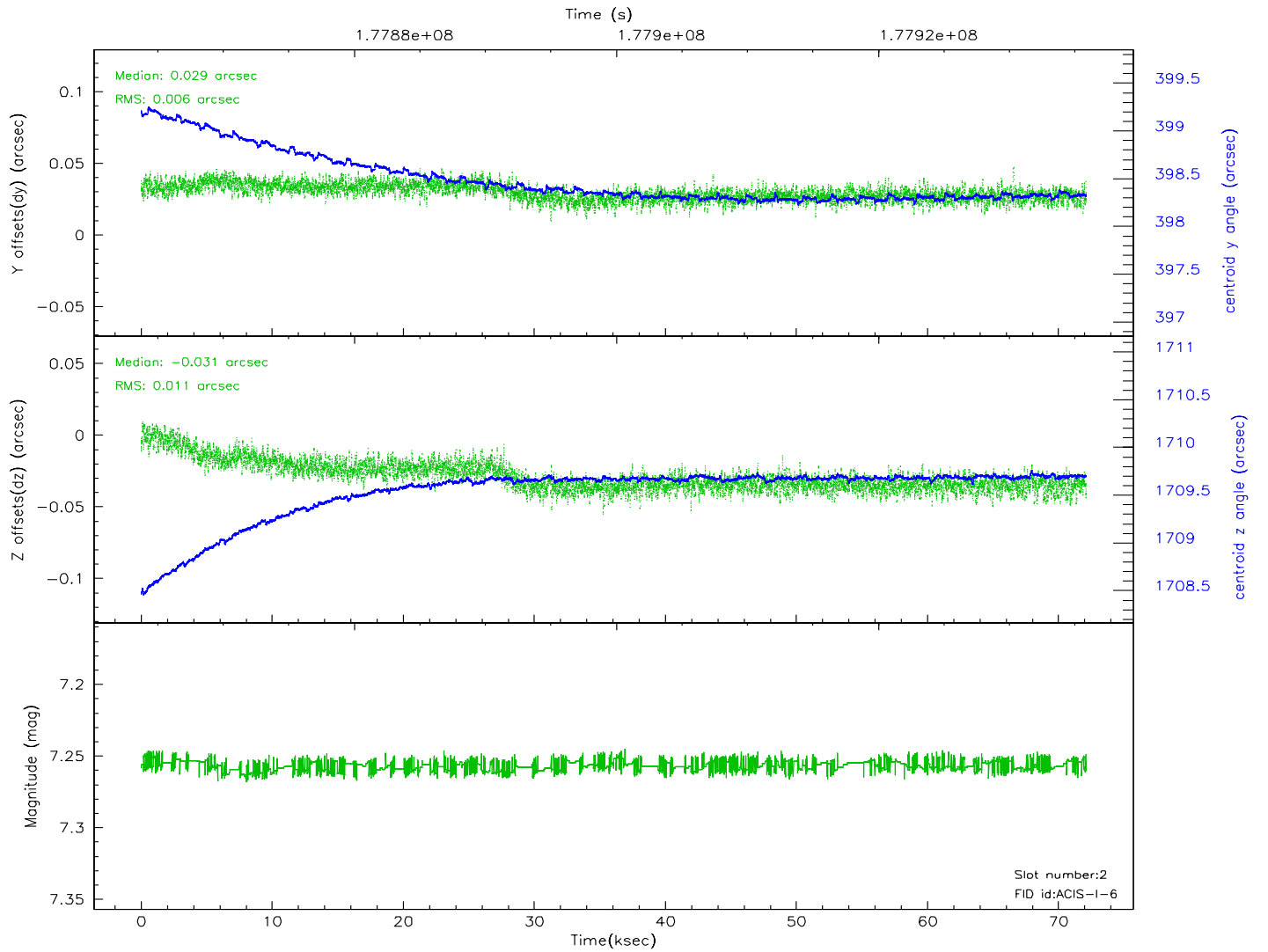
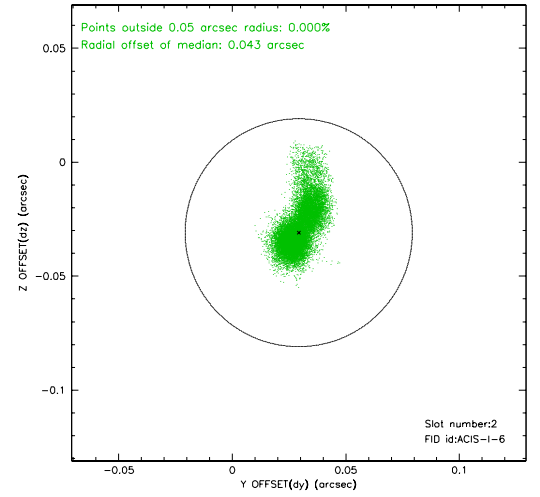
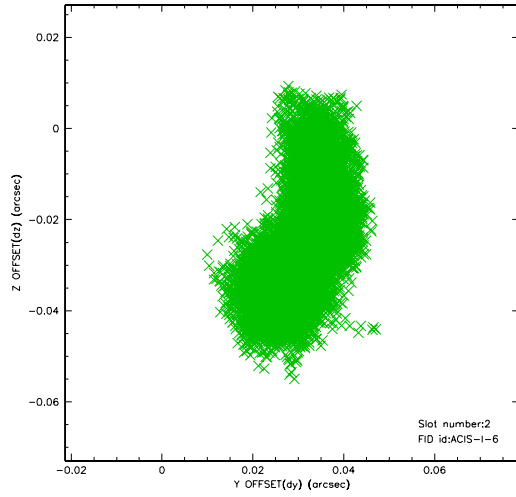
2.5.1 Slot 0



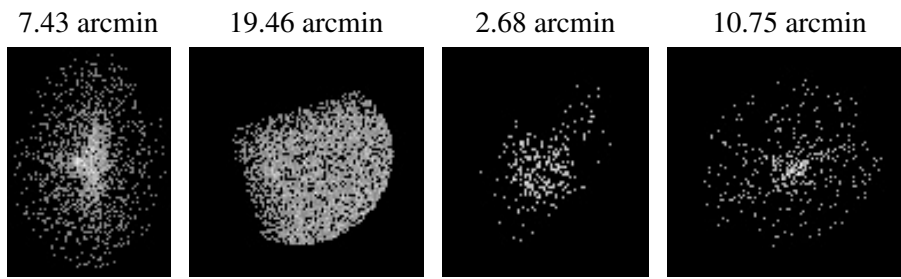
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.018

A.2 Comments