

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2561 - L2 Version 001
Chandra X-Ray Center

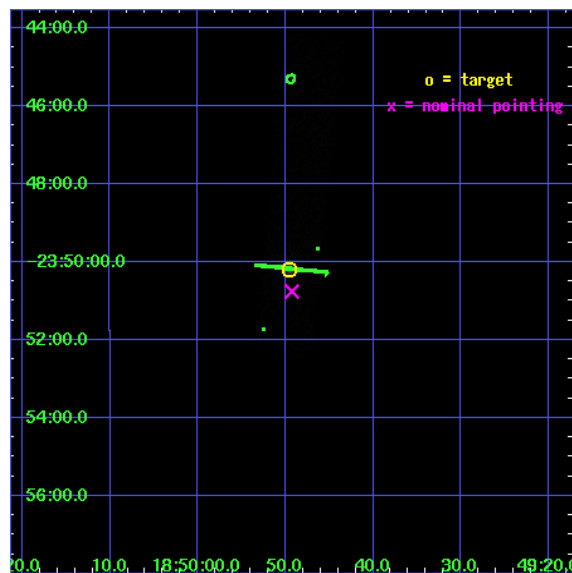
L2 Processing Date : Oct 2 2006

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
2.5	FID Slots	13
2.5.1	Slot 0	13
2.5.2	Slot 1	14
2.5.3	Slot 2	15
3	Point Sources	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

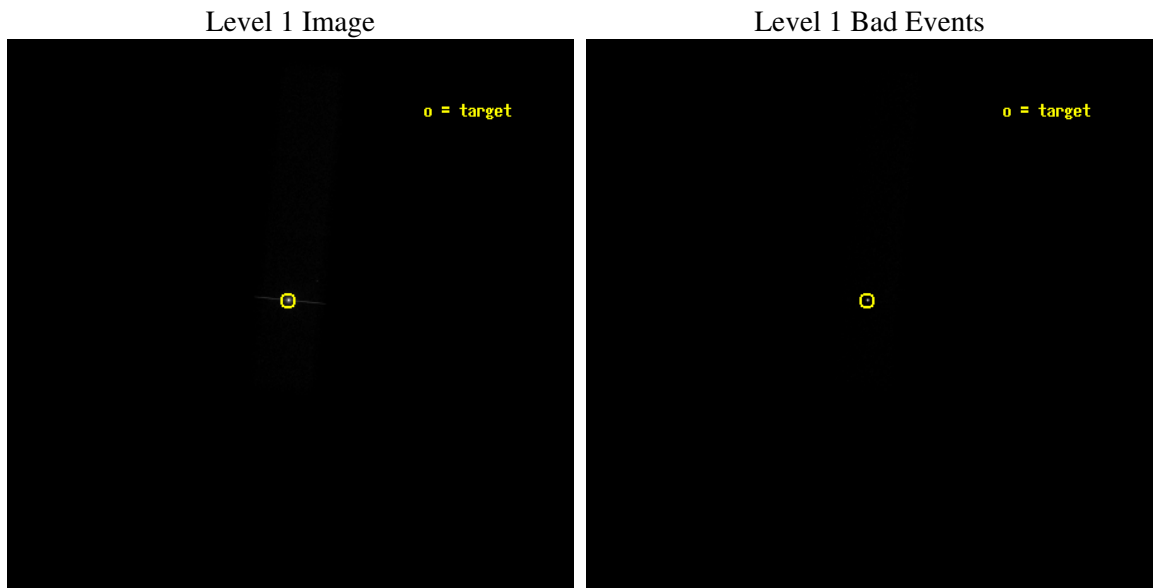
seq_num	200169
obs_id	2561
title	STELLAR WINDS FROM DME STARS
observer	Dr. Bradford Wargelin
object	ROSS 154
dtcycle	0
cycle	P
ra_targ	282.456208
dec_targ	-23.836389
ra_nom	282.45535072113
dec_nom	-23.846053841649
roll_nom	275.53711017468
revision	2
ontime	60625.199397743
livetime	56743.915572579
ontime7	60625.199397743
l2events	121278



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-03T00:34:53
revision	2

sched_exp_time	60600.000000
ontime	61580.148943275
ontime7	61580.148943275
l1events	213362

2.1.4 Events

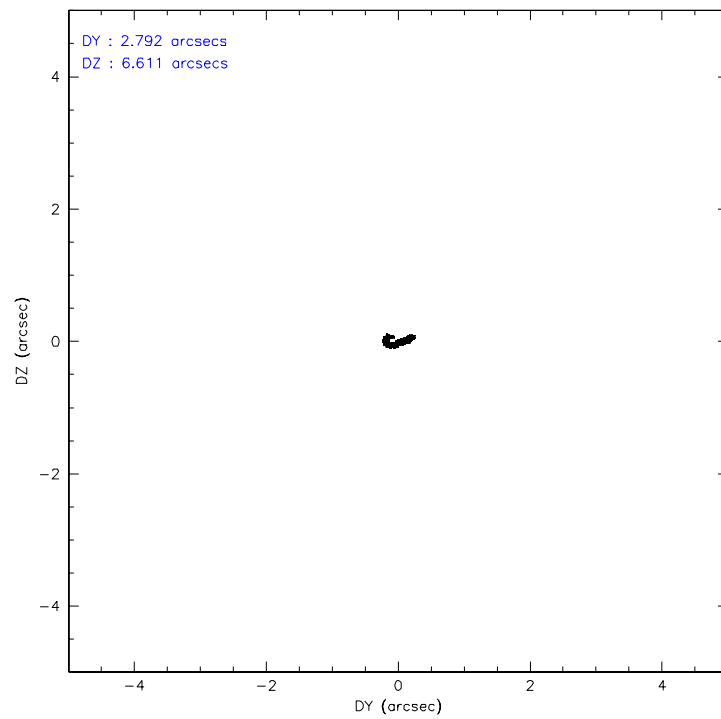
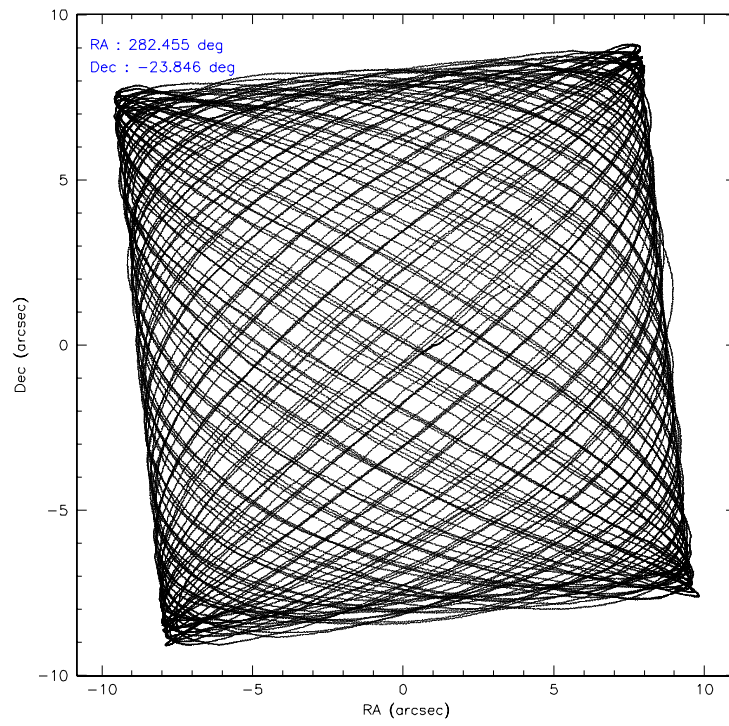
	ccd 7
level 1 events	213362
rejected events	90684
rejected %	42%

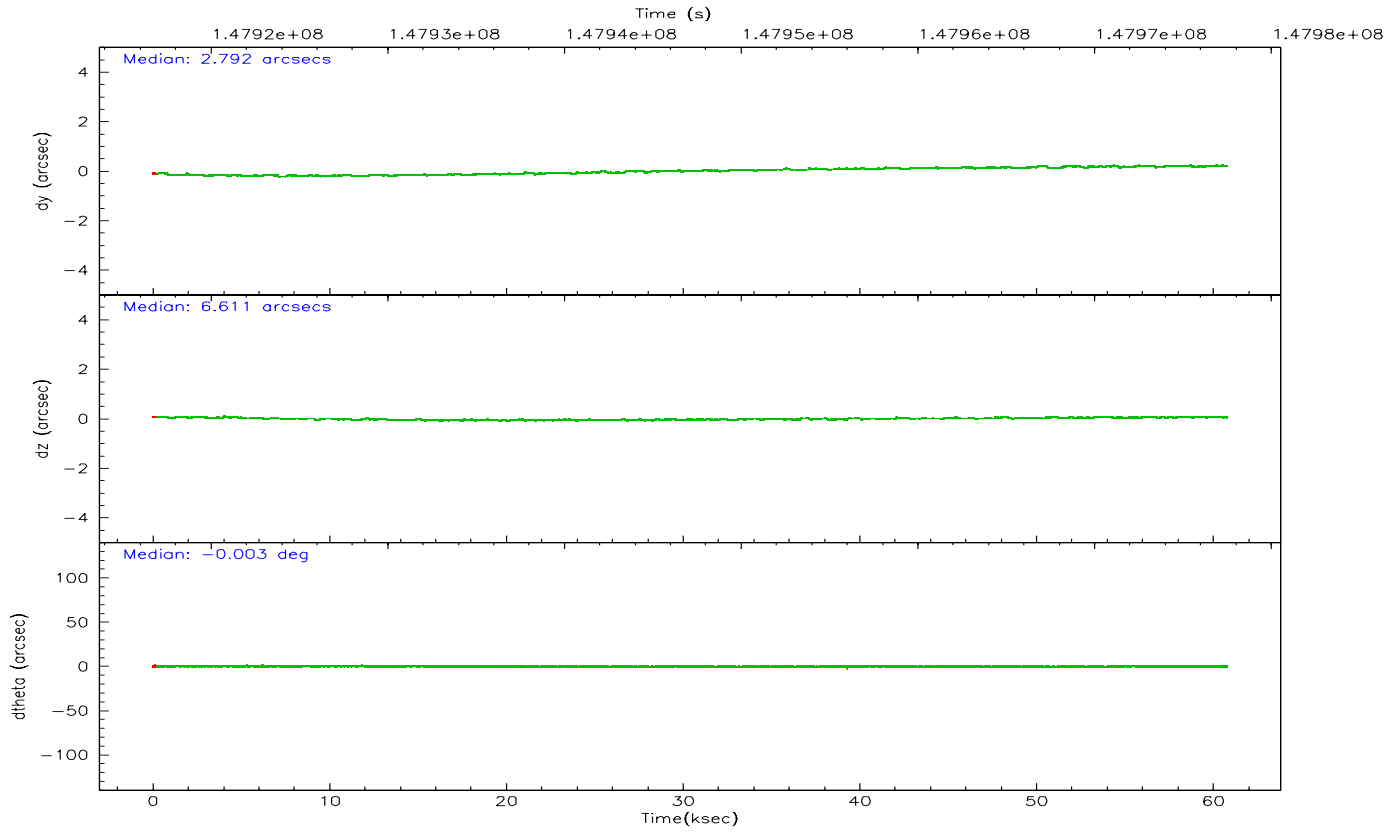
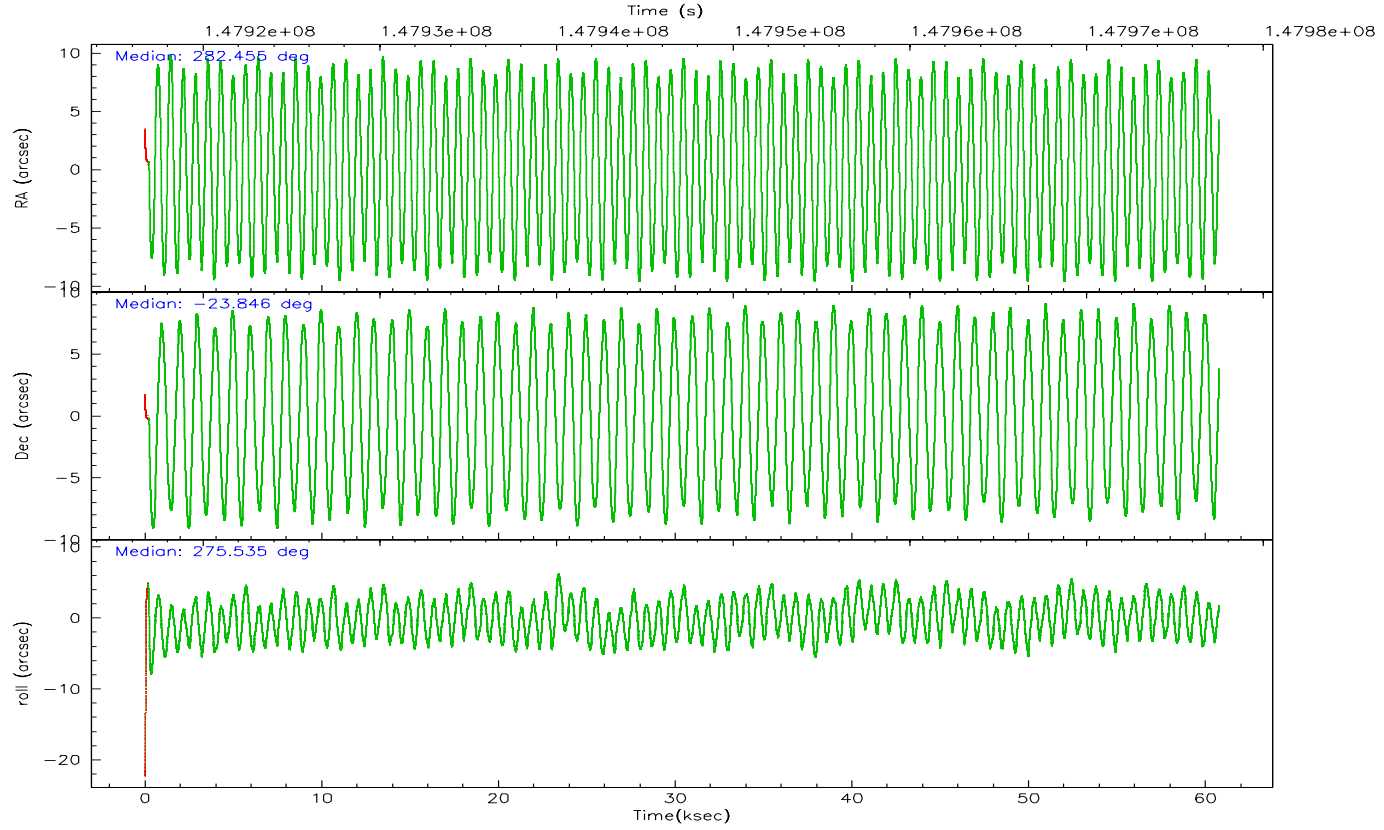
	ccd 7
grade 0 events	27107
	12%
grade 1 events	1808
	0%
grade 2 events	27517
	12%
grade 3 events	13061
	6%
grade 4 events	12256
	5%
grade 5 events	14794
	6%
grade 6 events	43705
	20%
grade 7 events	73114
	34%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	282.437737	282.4553507211252	Subarray requested	CUSTOM	CUSTOM
Pointing Dec	-23.824081	-23.84605384164862	Subarray start row	74	74
Pointing Roll	275.373372	275.5371101746794	Subarray row count	206	206
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.6
SIM translation stage pos (mm)	-182.132523	-182.1370004450064			
SIM translation stage offset (mm)	-8	-7.995522138001405			
Observation start time	147916905.184000	147915886.30785			
Observation start date	2002-09-09T00:00:41	2002-09-08T23:44:46			
Observation end time	147977505.184000	147977767.61041			
Observation end date	2002-09-09T16:50:41	2002-09-09T16:56:07			
Read mode	TIMED	TIMED			

2.3 Aspect



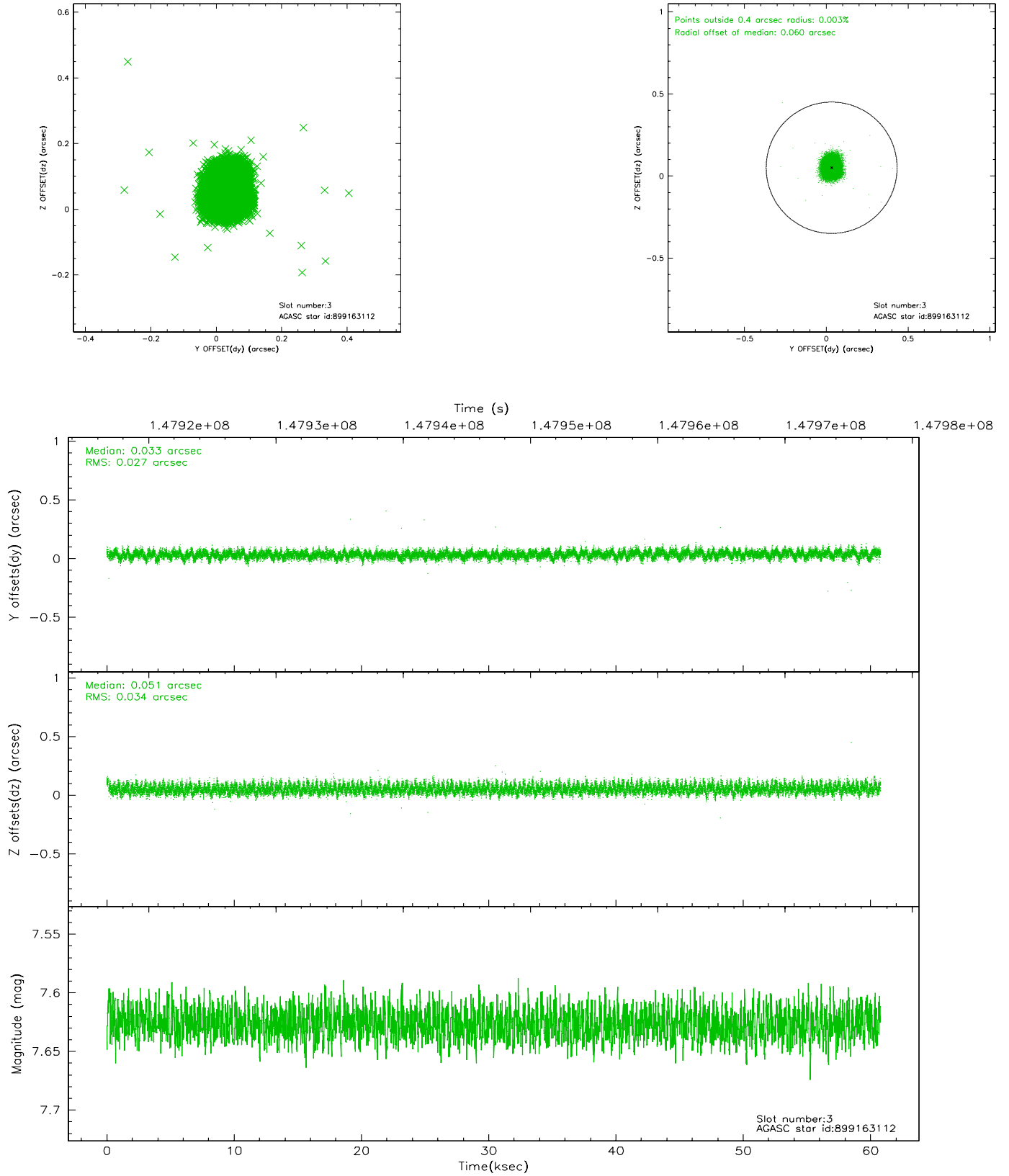


Slot Statistics

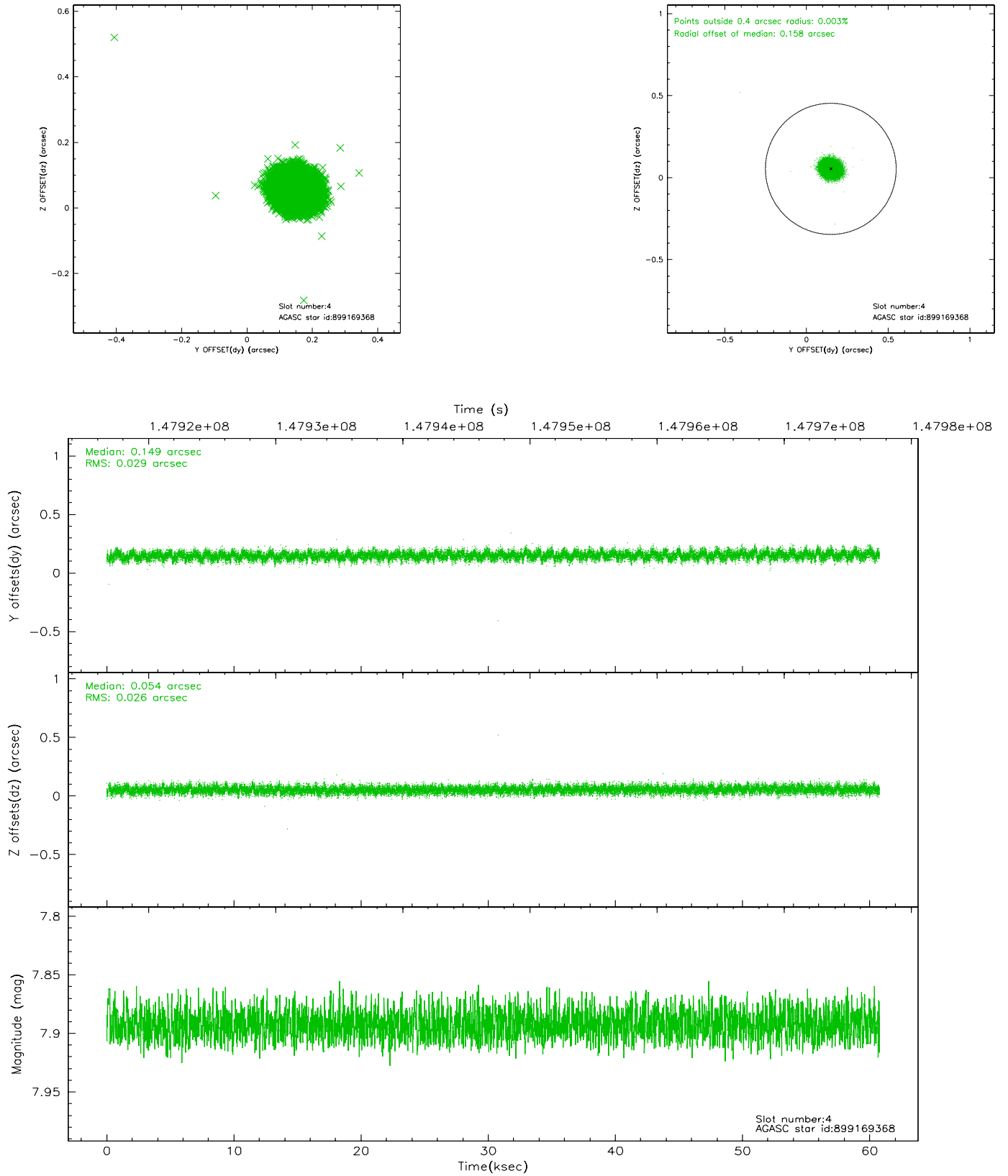
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	14807	-0.030	-0.091	0.008	0.012	0.000000	0.000000	-754.90	-1892.56
1	FID	ACIS-S-4	7.18	14807	0.012	0.038	0.006	0.011	0.000000	0.000000	2158.45	16.04
2	FID	ACIS-S-5	7.23	14807	-0.014	0.060	0.008	0.014	0.000000	0.000000	-1807.77	9.72
3	GUIDE	899163112	7.63	29613	0.033	0.051	0.046	0.075	282.966165	-24.223749	1598.56	1592.65
4	GUIDE	899169368	7.89	29612	0.149	0.054	0.041	0.066	282.891961	-24.358742	2058.72	1303.25
5	GUIDE	899029672	7.20	29617	-0.100	-0.004	0.051	0.079	282.156214	-23.215031	-2269.04	-721.81
6	GUIDE	899031696	9.25	29591	-0.081	-0.098	0.074	0.122	281.981023	-23.257123	-2171.05	-1312.93
7	MONITOR		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

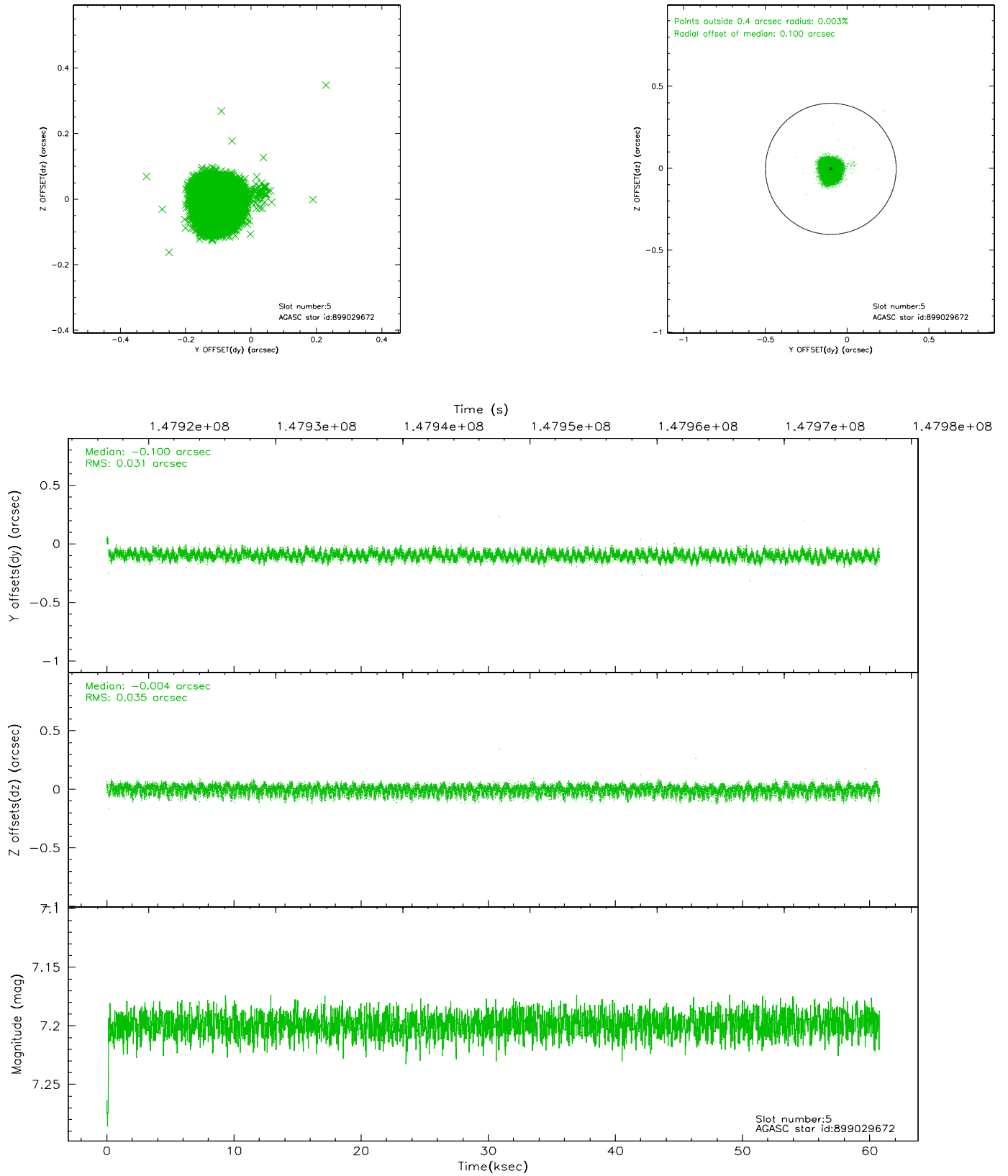
2.4.1 Slot 3



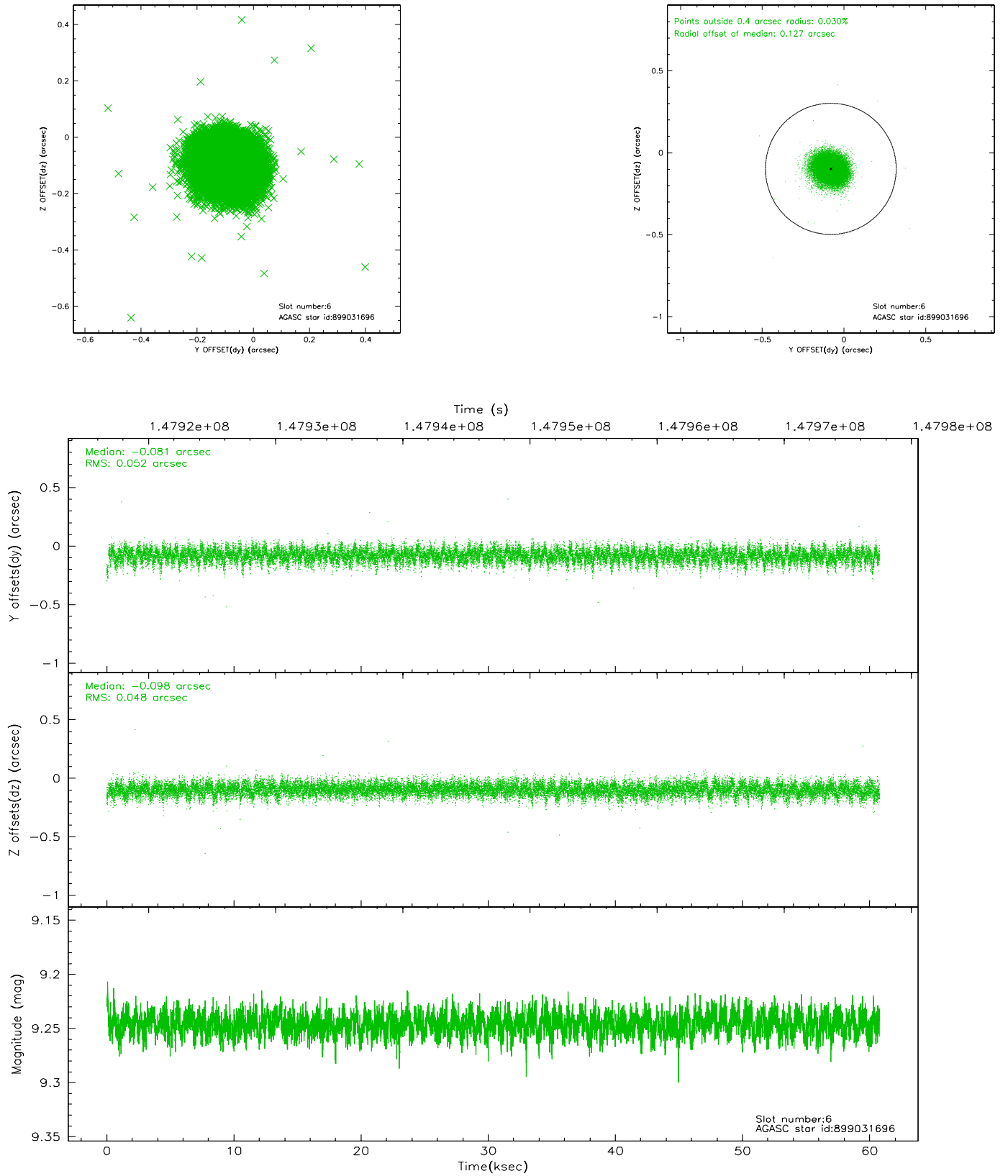
2.4.2 Slot 4



2.4.3 Slot 5

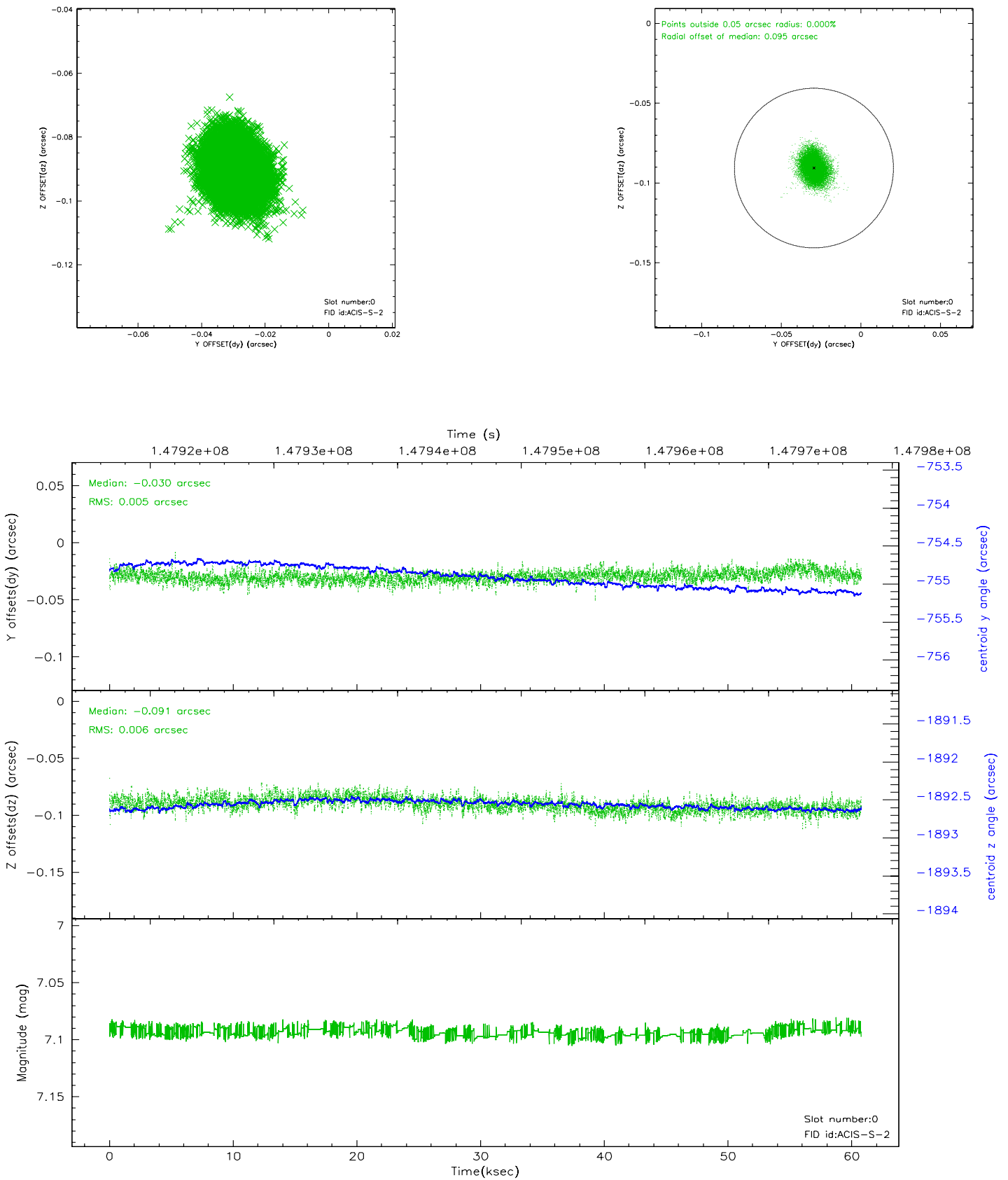


2.4.4 Slot 6

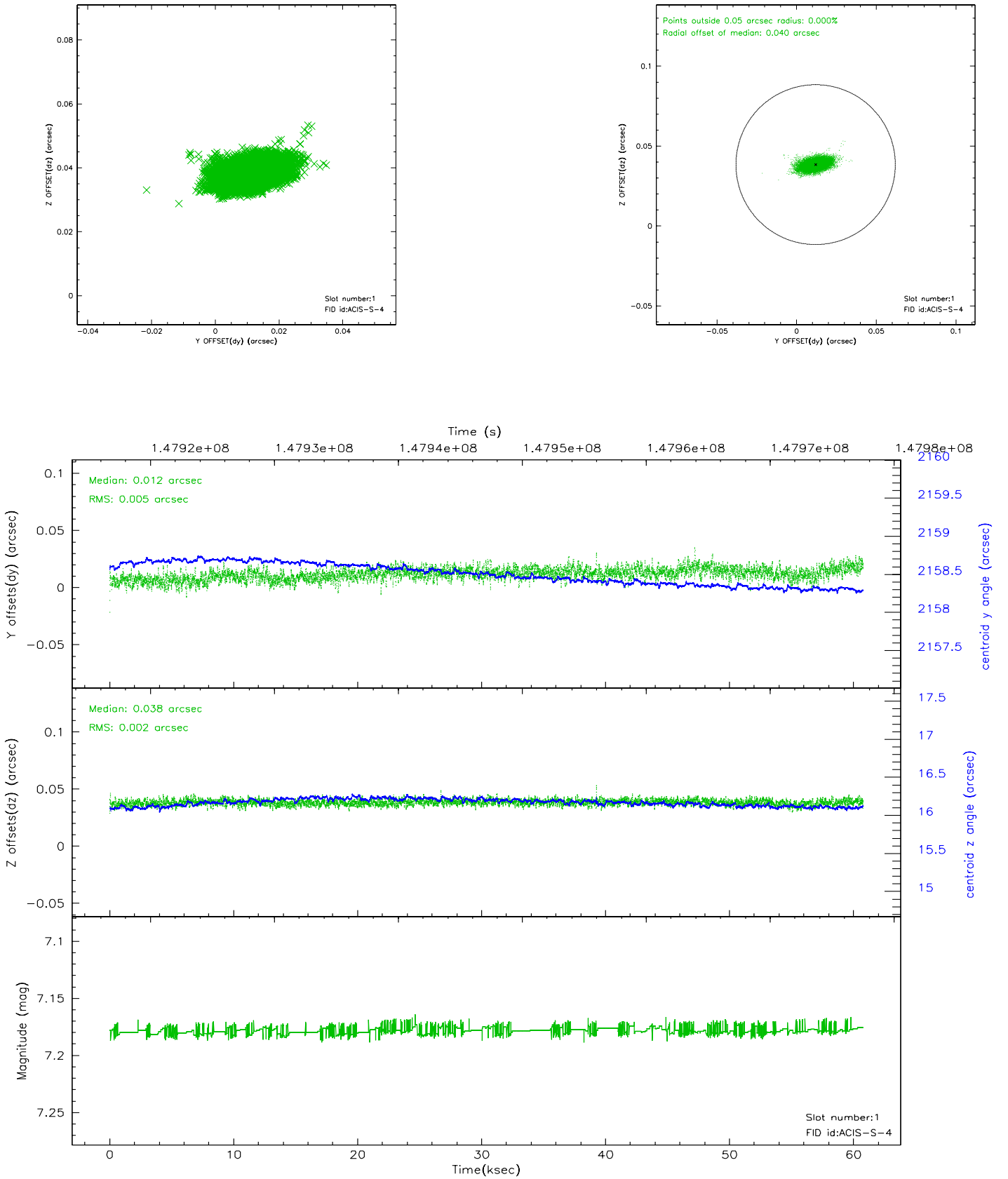


2.5 FID Slots

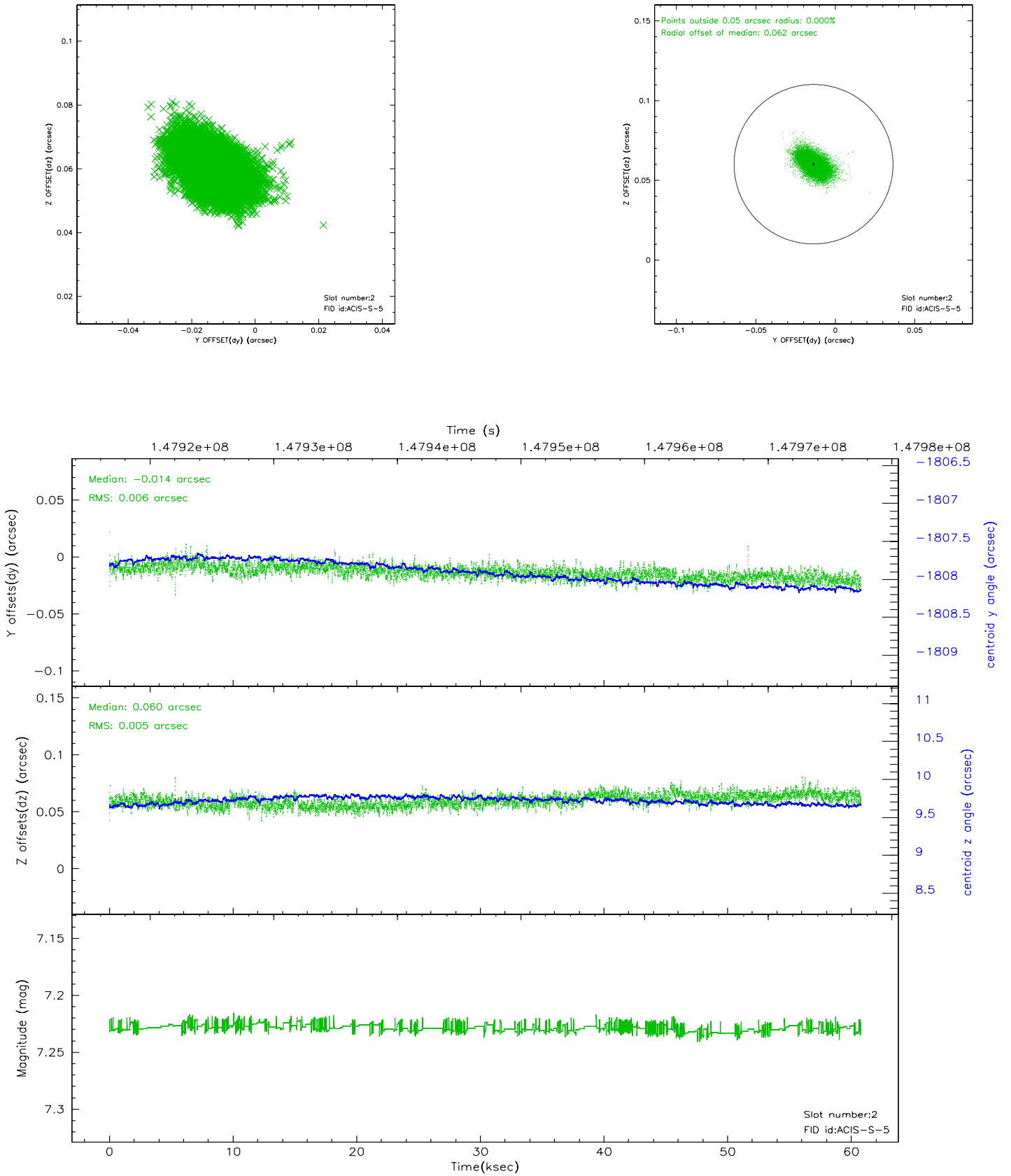
2.5.1 Slot 0



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)	2006.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.625

A.2 Comments