

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4636 - L2 Version 001
Chandra X-Ray Center

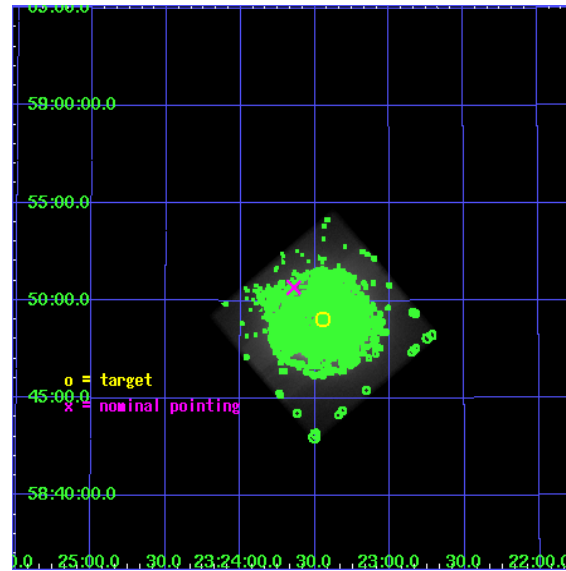
L2 Processing Date : May 26 2006

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1 Front

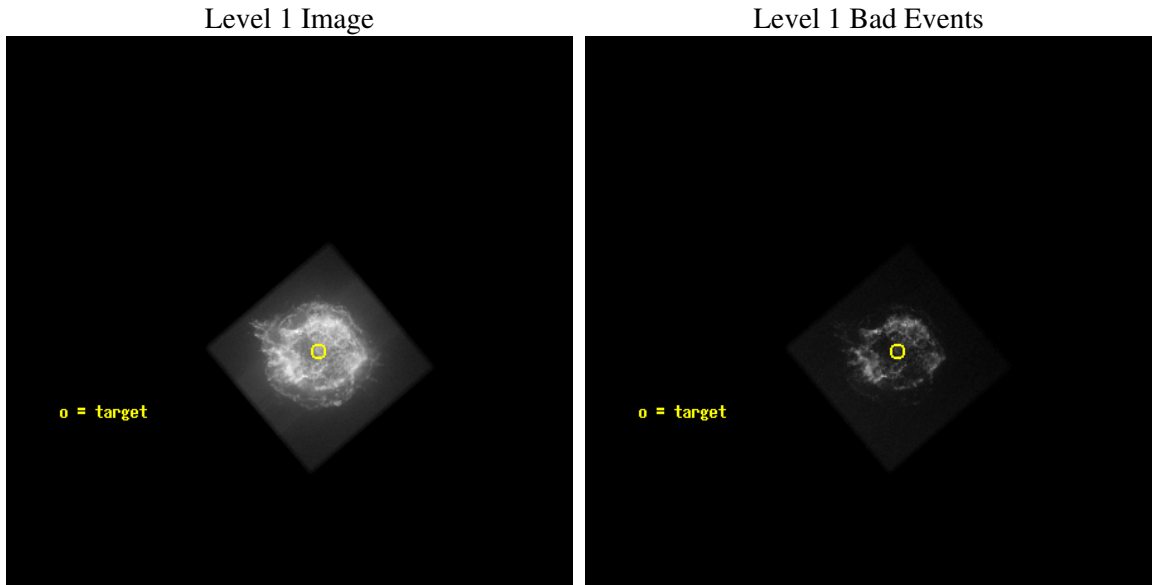
seq_num	500459
obs_id	4636
title	The Cassiopeia A Explosion: Getting at the Core Issues
observer	Dr Una Hwang
object	Cassiopeia A
dtcycle	0
cycle	P
ra_targ	350.86125
dec_targ	58.8175
ra_nom	350.91043524339
dec_nom	58.844863290577
roll_nom	49.767543756696
revision	2
ontime	145443.0
livetime	143480.19098729
ontime7	145443.0
l2events	43192667



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-25T22:05:00
revision	2

sched_exp_time	144966.988000
ontime	145612.31913608
ontime7	145612.31913608
l1events	46250127

2.1.3 Events

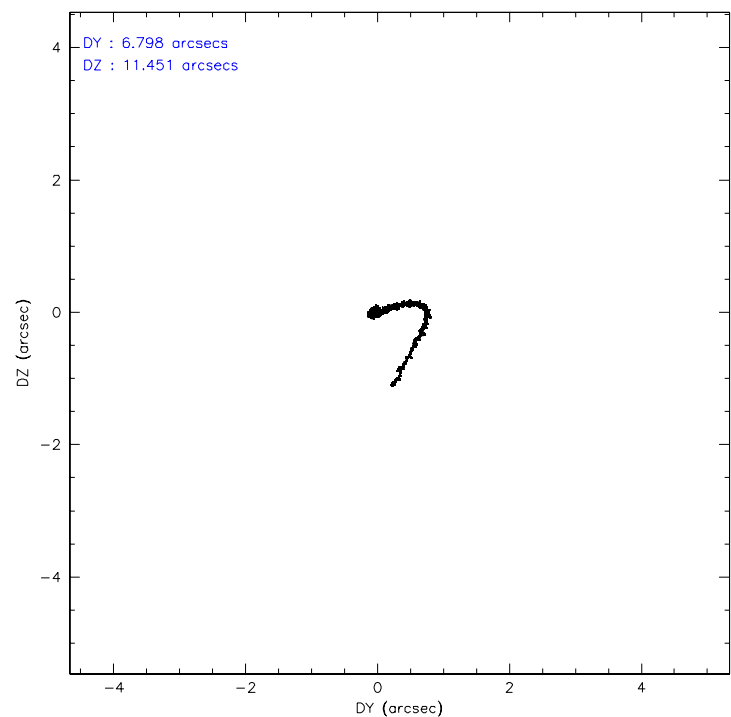
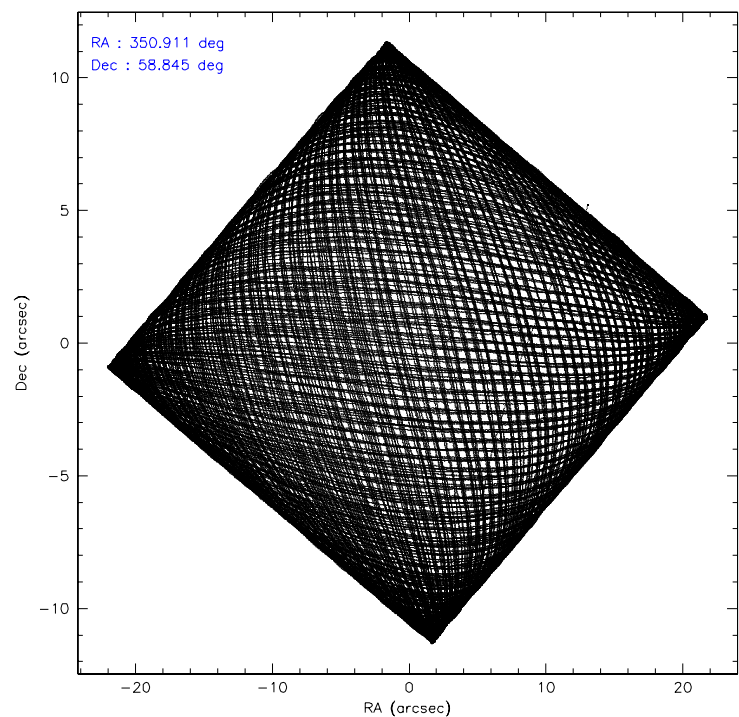
	ccd 7
level 1 events	46250127
rejected events	2623528
rejected %	5%

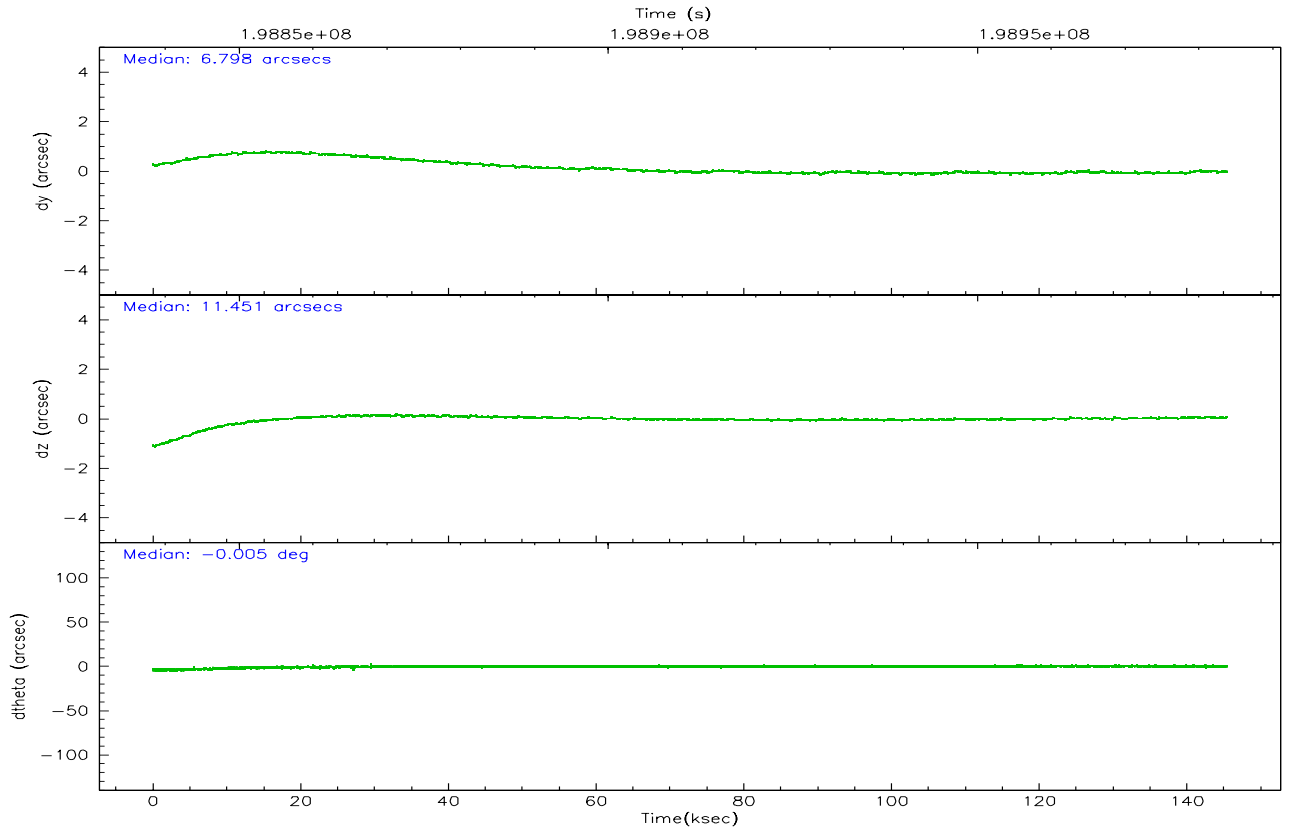
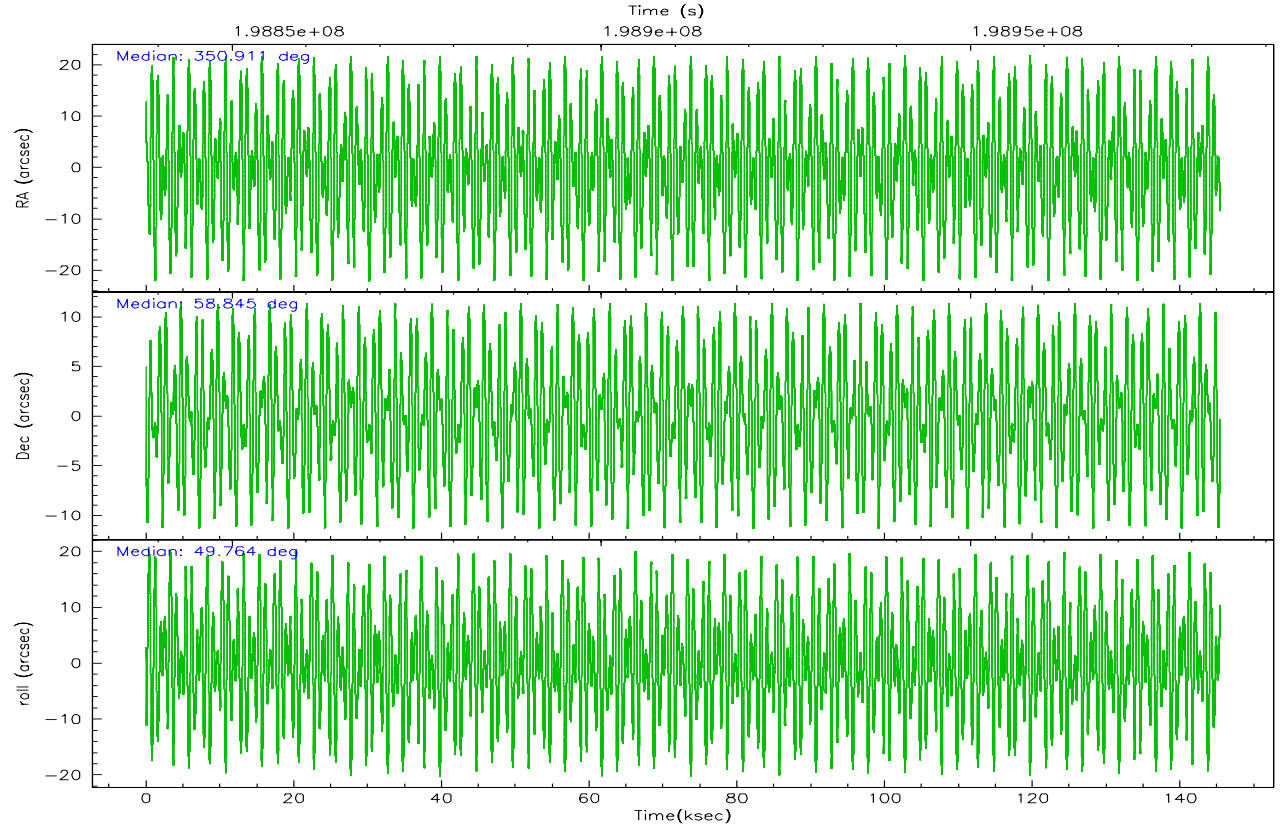
	ccd 7
grade 0 events	9786592
	21%
grade 1 events	175685
	0%
grade 2 events	12688058
	27%
grade 3 events	4725612
	10%
grade 4 events	4651028
	10%
grade 5 events	803333
	1%
grade 6 events	11817292
	25%
grade 7 events	1602527
	3%

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	GRADED	GRADED	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	350.901823	350.9104352433872	Alternating exposures requested	N	N
Pointing Dec	58.818026	58.84486329057658	Primary exposure time	0.000000	3
Pointing Roll	49.618278	49.76754375669574			
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	198838839.184000	198837727.55299			
Observation start date	2004-04-20T08:59:35	2004-04-20T08:42:07			
Observation end time	198983806.184000	198984120.62194			
Observation end date	2004-04-22T01:15:42	2004-04-22T01:22:00			
Read mode	TIMED	TIMED			

2.3 Aspect



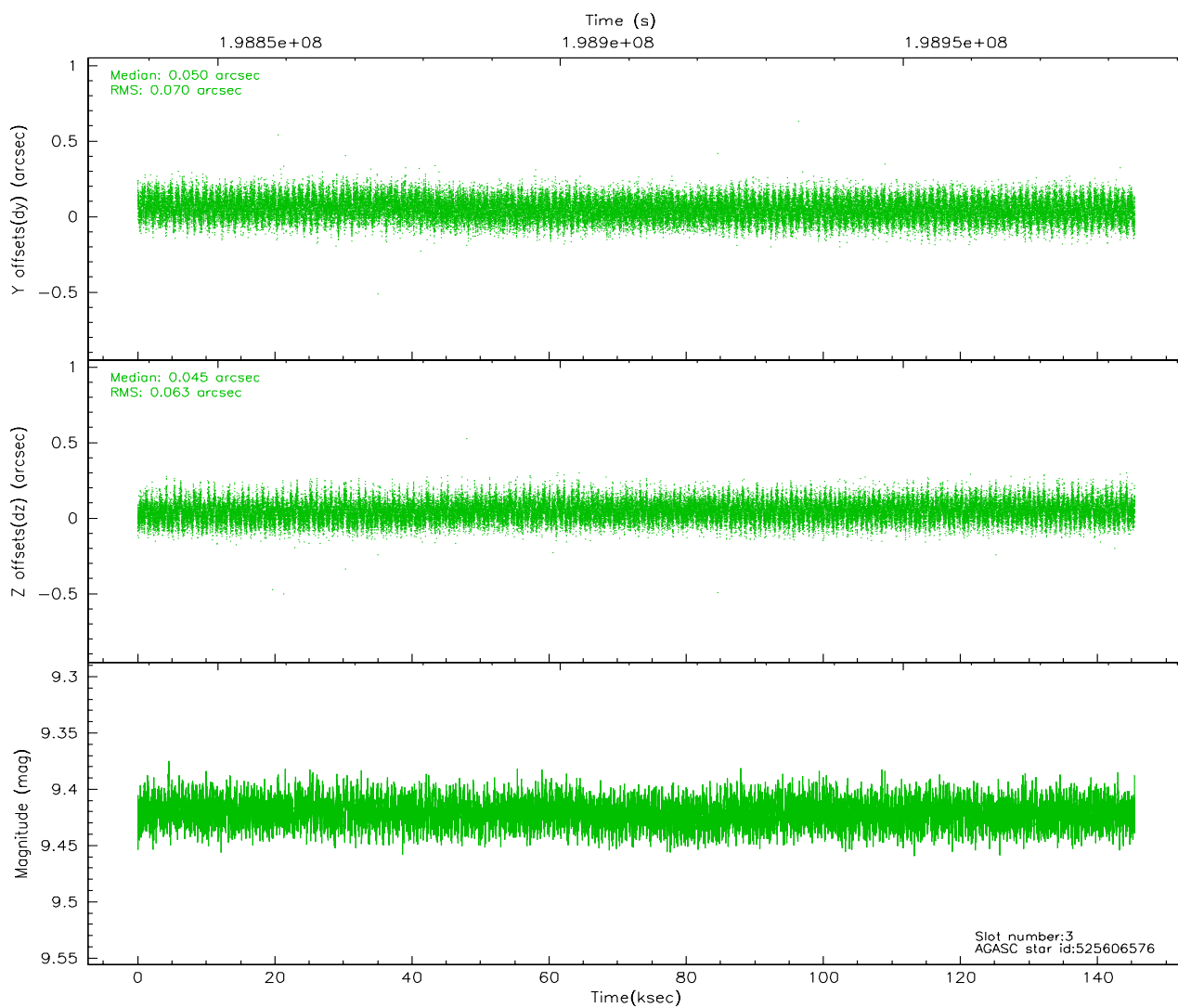
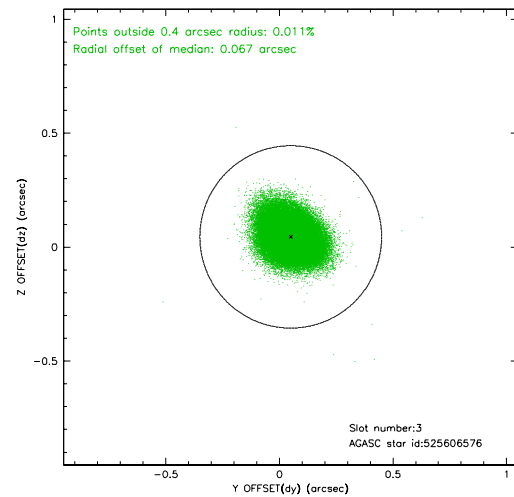
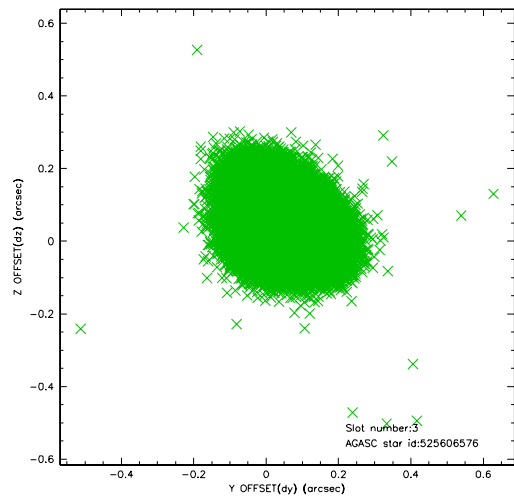


Slot Statistics

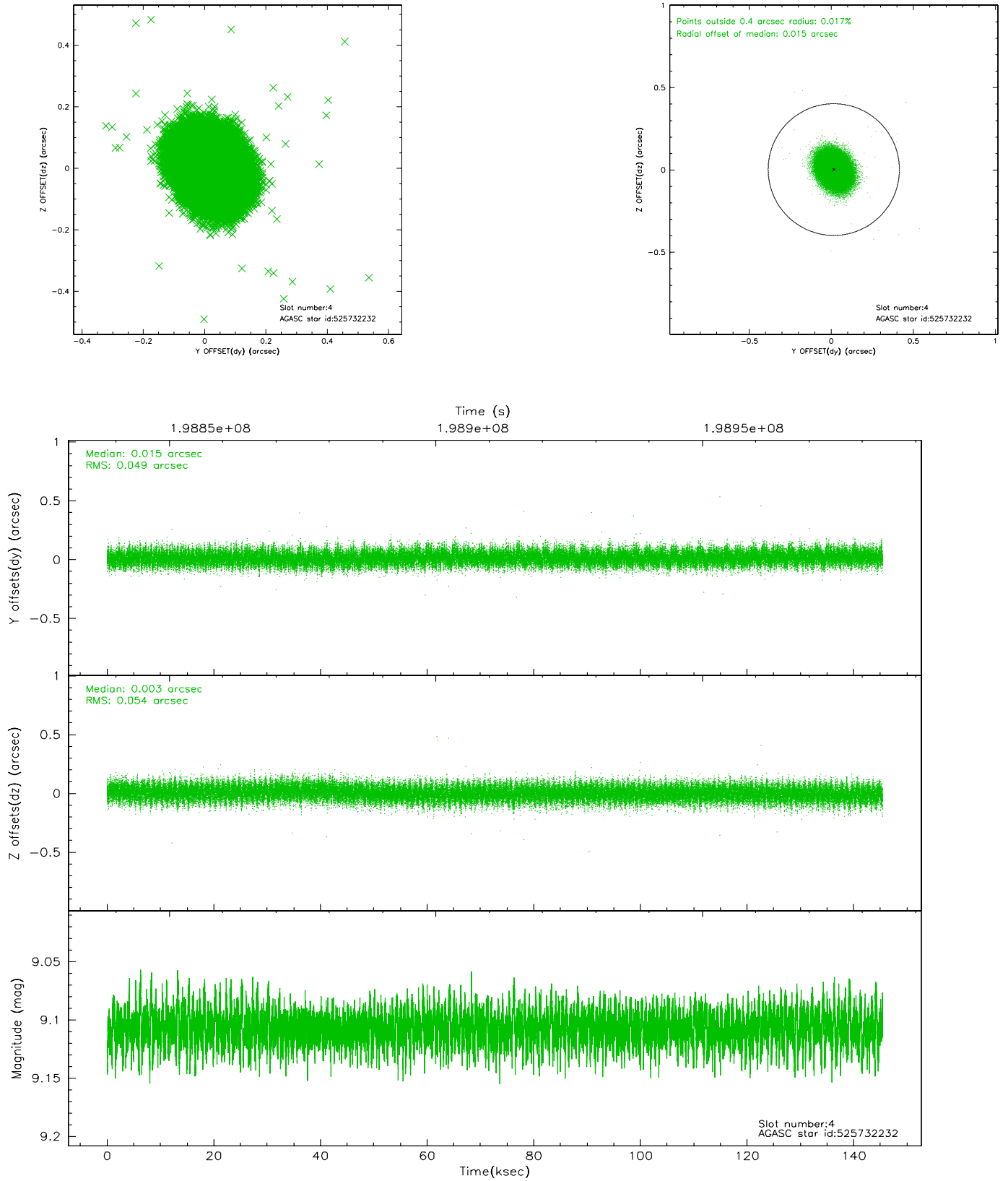
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	35473	0.026	-0.061	0.008	0.018	0.000000	0.000000	936.33	-1728.41
1	FID	ACIS-S-5	7.23	35476	-0.018	0.023	0.008	0.015	0.000000	0.000000	-1812.74	169.39
2	FID	ACIS-S-6	7.34	35472	-0.029	0.050	0.009	0.020	0.000000	0.000000	401.99	813.21
3	GUIDE	525606576	9.42	70899	0.050	0.045	0.100	0.161	349.543555	58.678895	-2008.66	1628.54
4	GUIDE	525732232	9.11	70911	0.015	0.003	0.077	0.125	351.669550	58.757012	767.94	-1229.30
5	GUIDE	525732488	8.41	70925	-0.062	-0.050	0.062	0.098	350.087090	58.516915	-1810.80	470.62
6	GUIDE	525736400	9.06	70911	0.036	-0.051	0.072	0.116	350.974563	59.175145	1066.49	731.09
7	GUIDE	525732528	9.38	70837	-0.041	0.052	0.088	0.147	351.607241	59.298932	2164.17	138.92

2.4 Star Slots

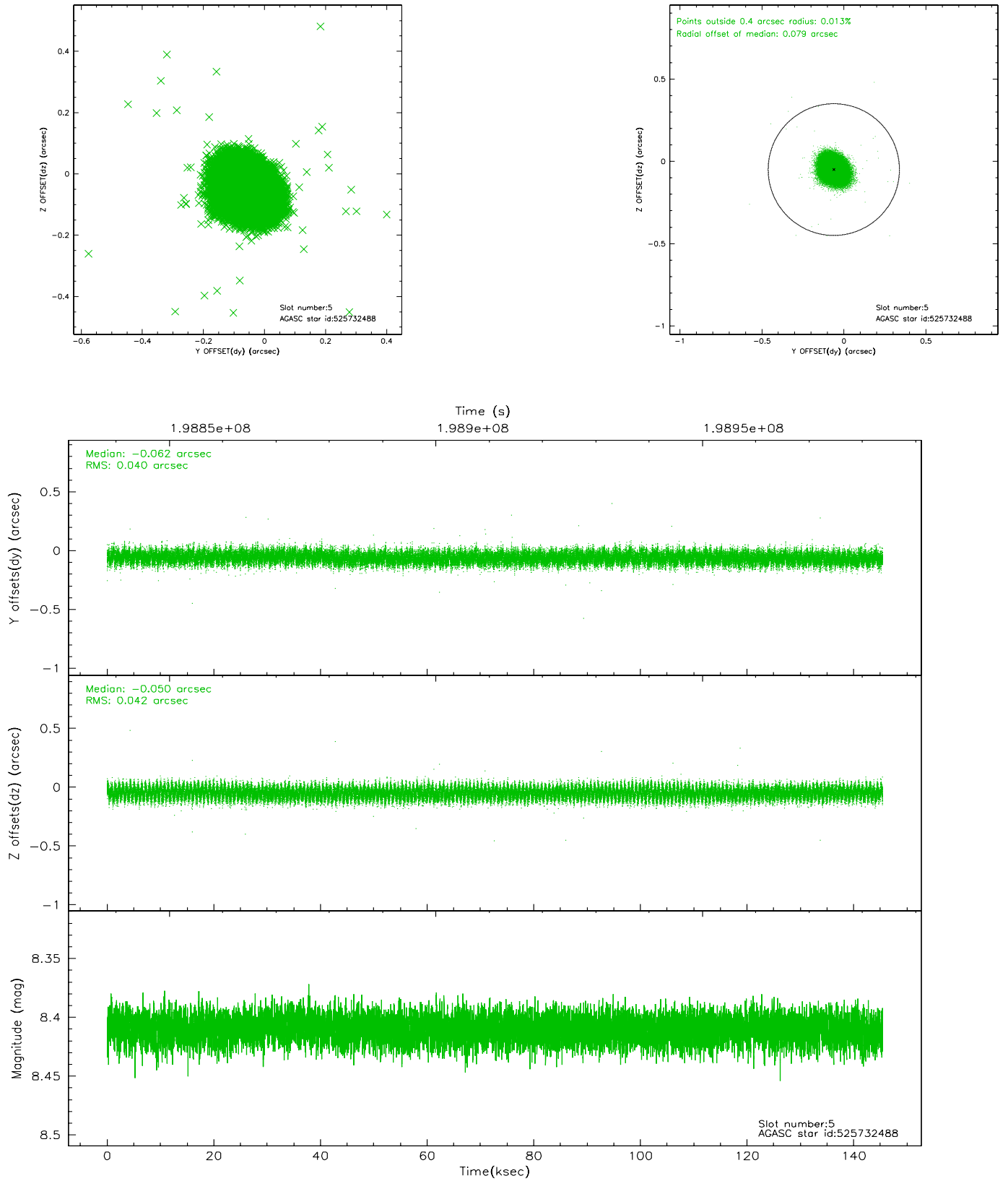
2.4.1 Slot 3



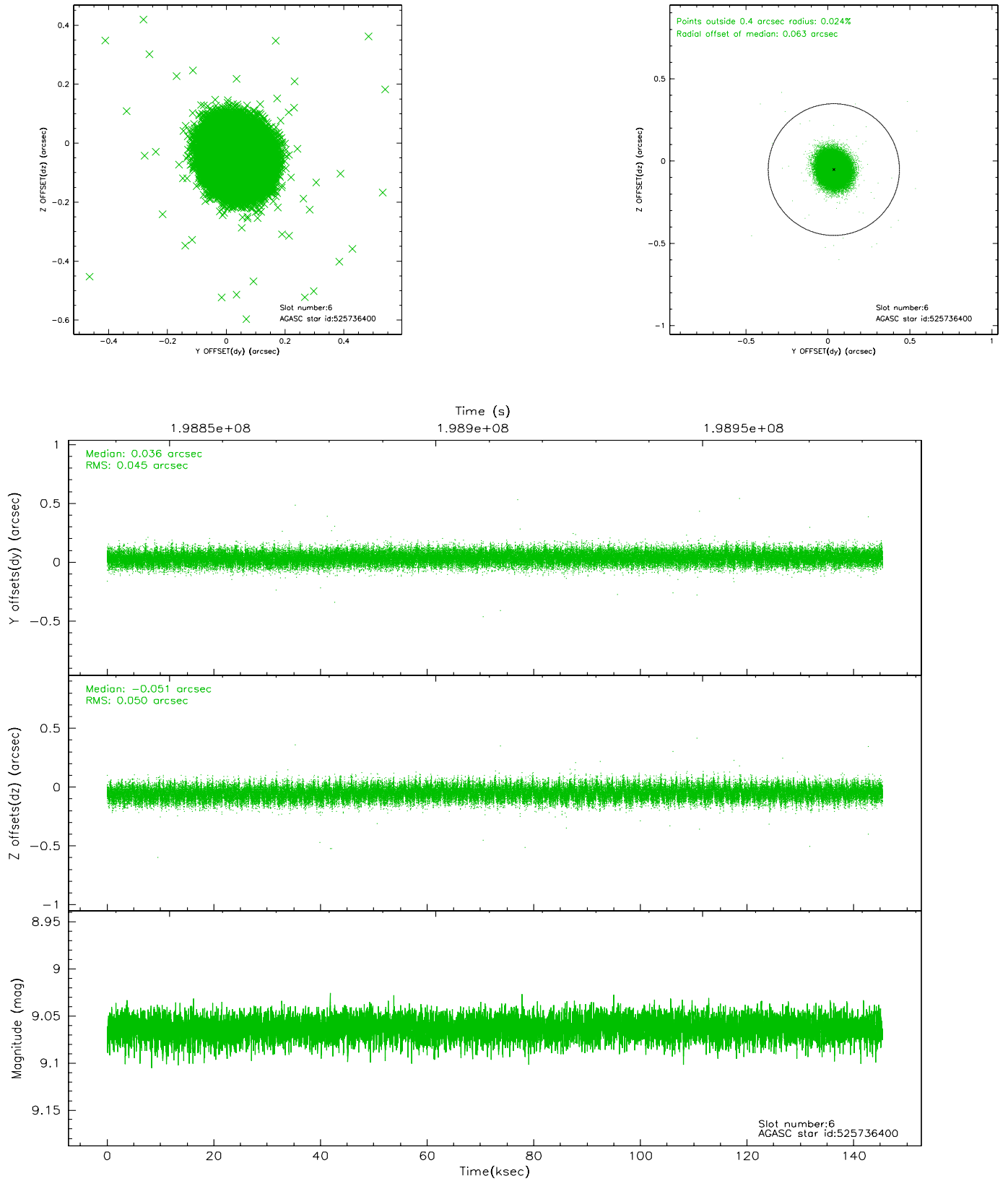
2.4.2 Slot 4



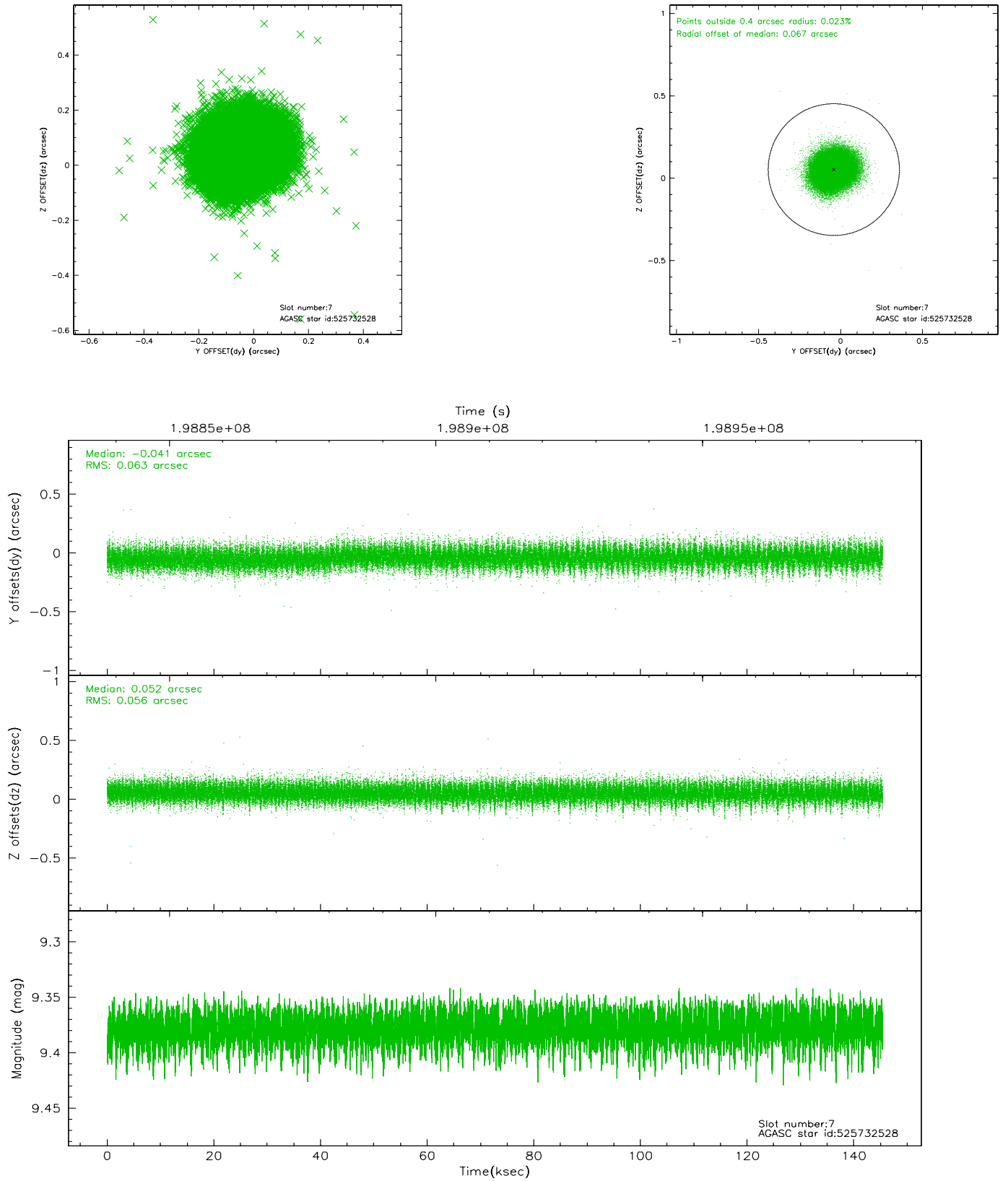
2.4.3 Slot 5



2.4.4 Slot 6

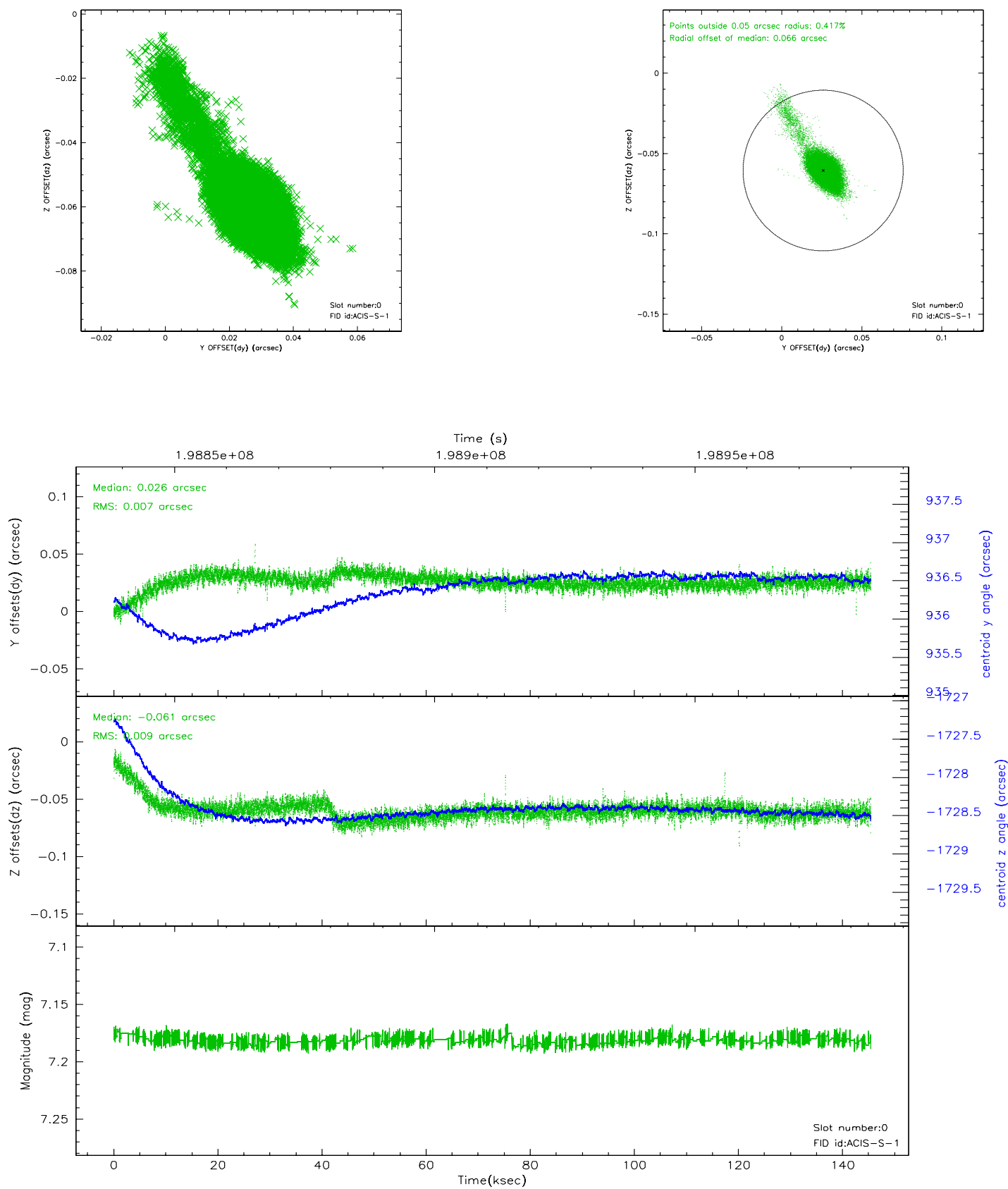


2.4.5 Slot 7

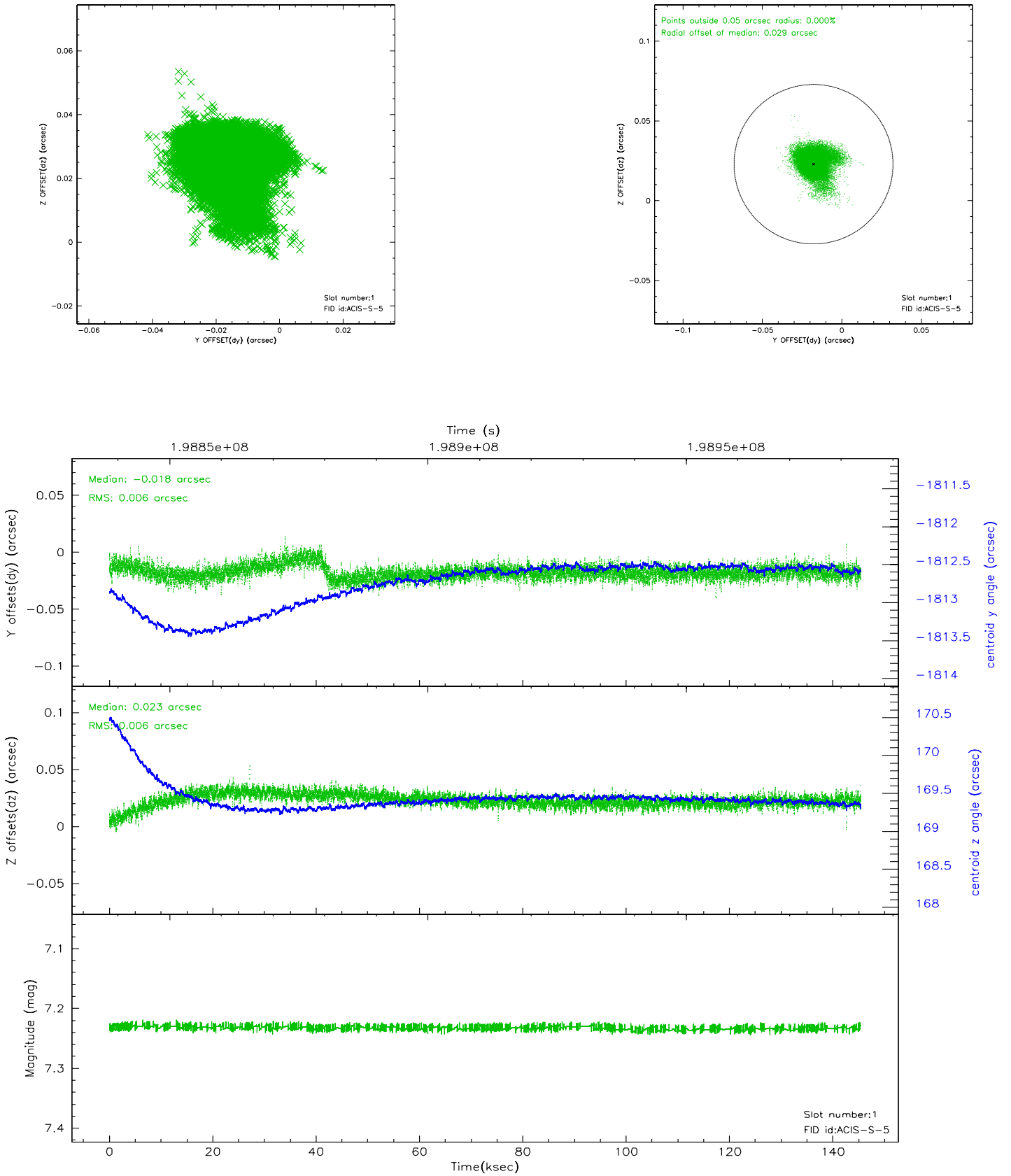


2.5 FID Slots

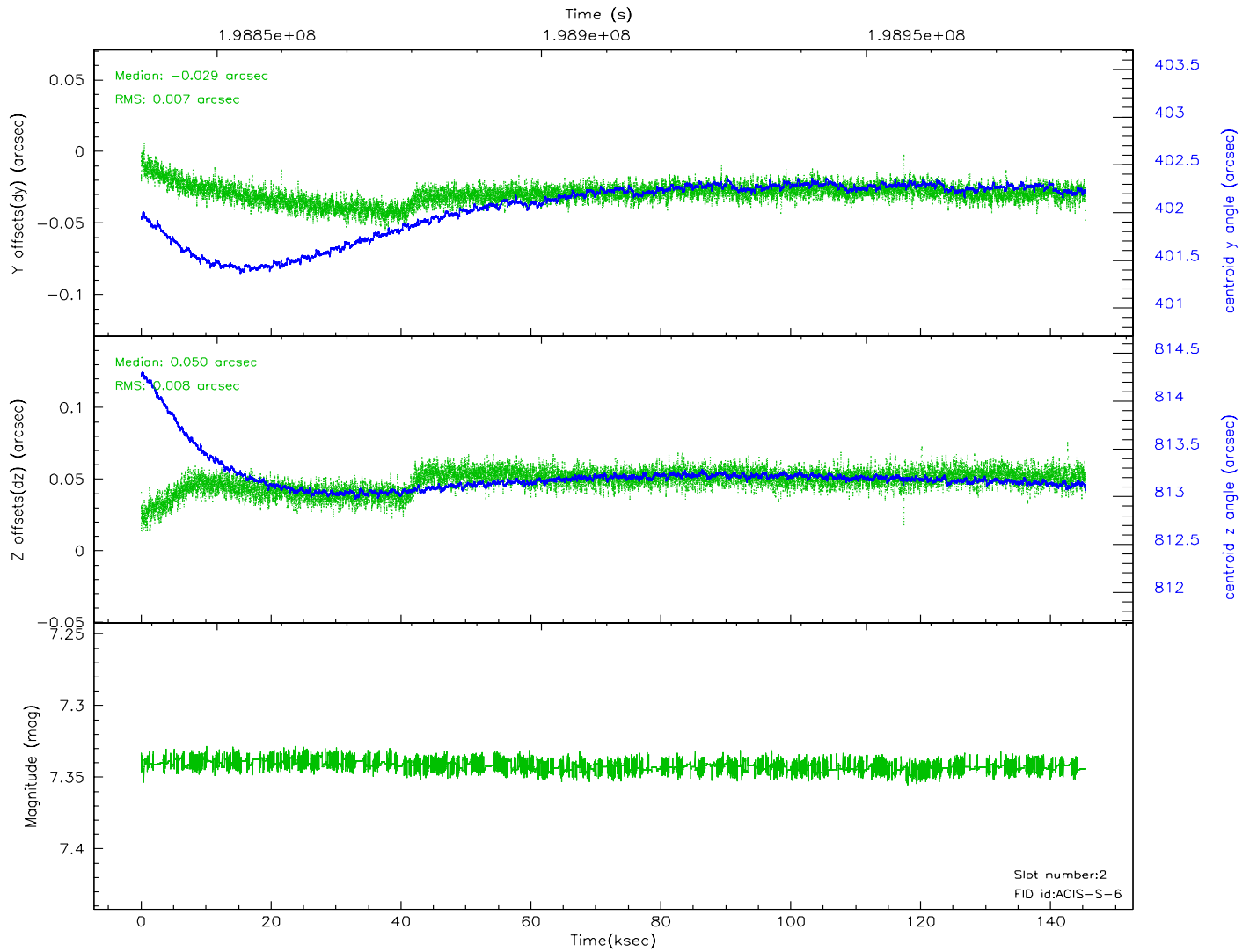
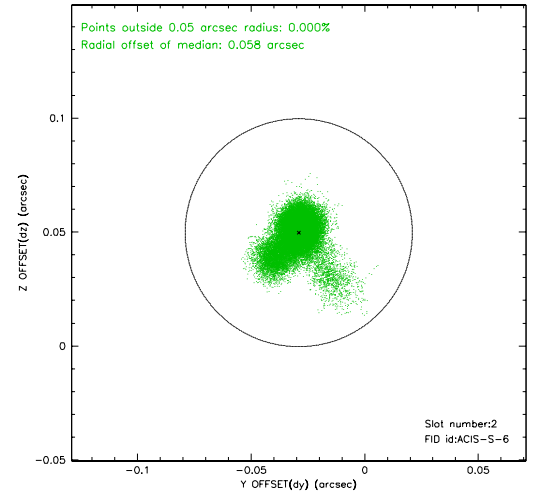
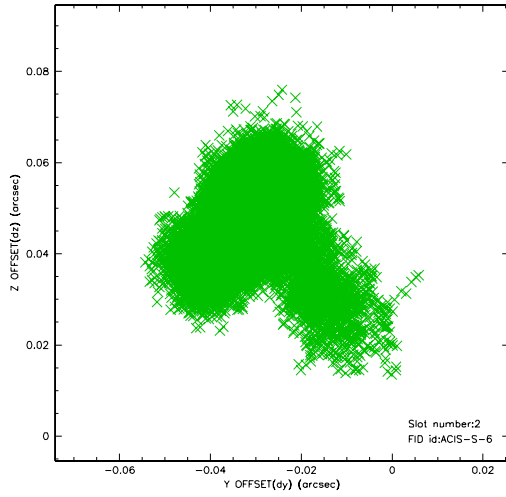
2.5.1 Slot 0



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)	2006.05.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	145.38

A.2 Comments