

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3878 - L2 Version 001
Chandra X-Ray Center

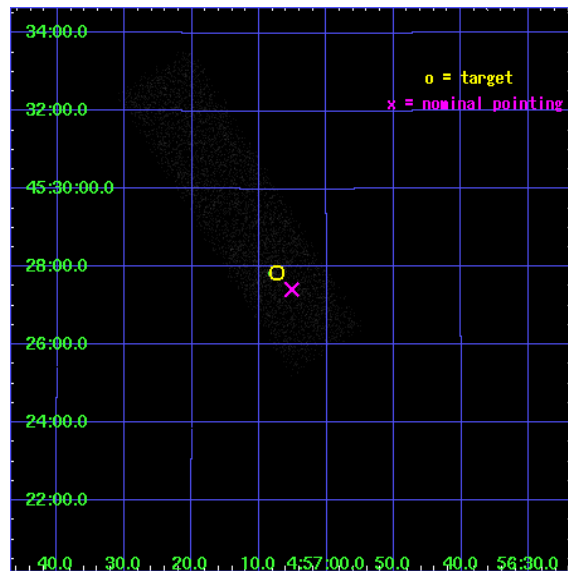
L2 Processing Date : Oct 22 2006

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1 Front

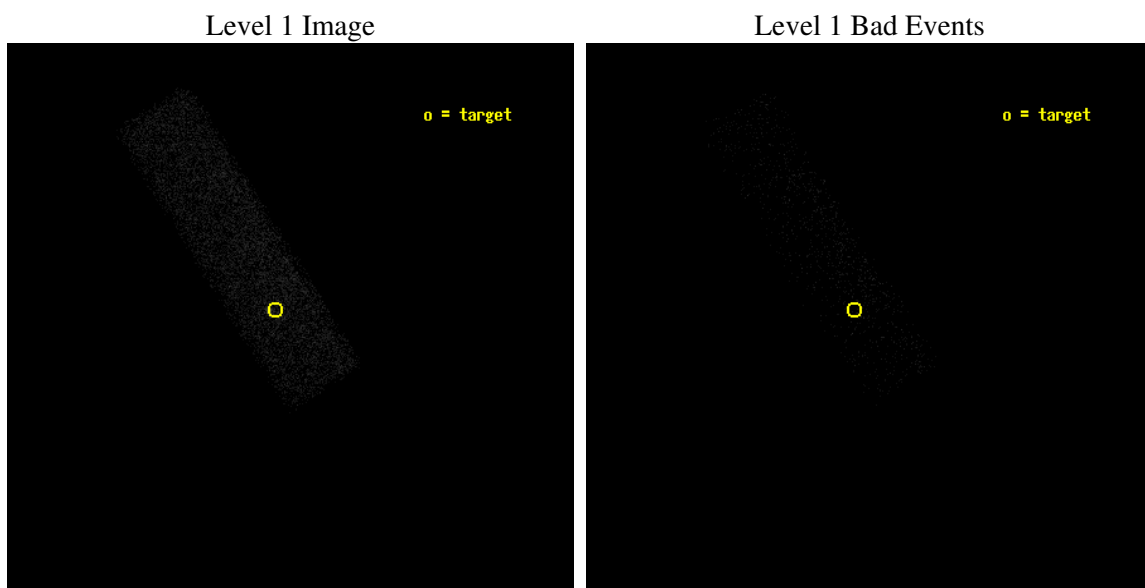
seq_num	500357
obs_id	3878
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Dr David Kaplan
object	RX J045707.4+452751
dtcycle	0
cycle	P
ra_targ	74.280833
dec_targ	45.464167
ra_nom	74.271532043606
dec_nom	45.457026068873
roll_nom	237.82653857221
revision	3
ontime	5186.4000772834
livetime	4933.3207241353
ontime7	5186.4000772834
l2events	7877



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	2006-10-22T17:04:53
revision	3

sched_exp_time	5000.000000
ontime	6008.331531167
ontime7	6008.331531167
l1events	16642

2.1.4 Events

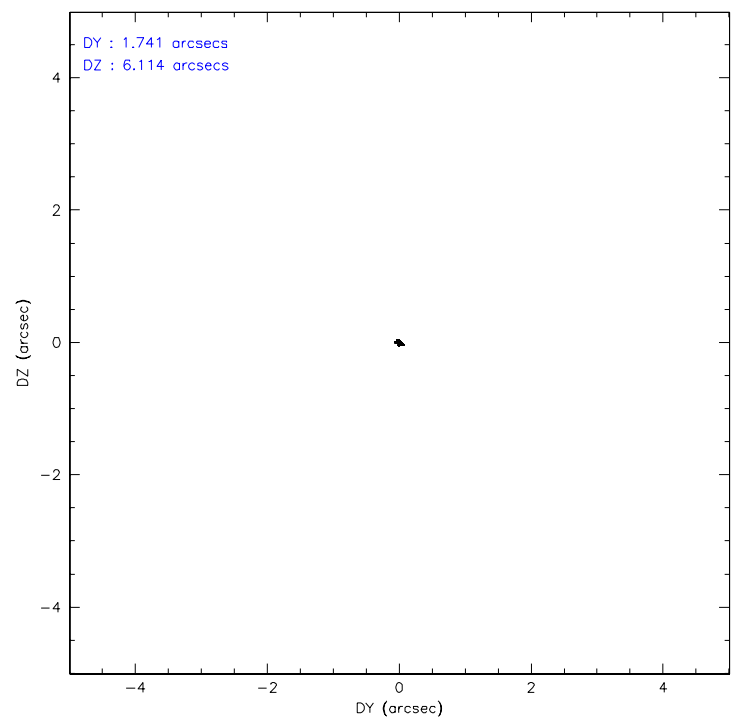
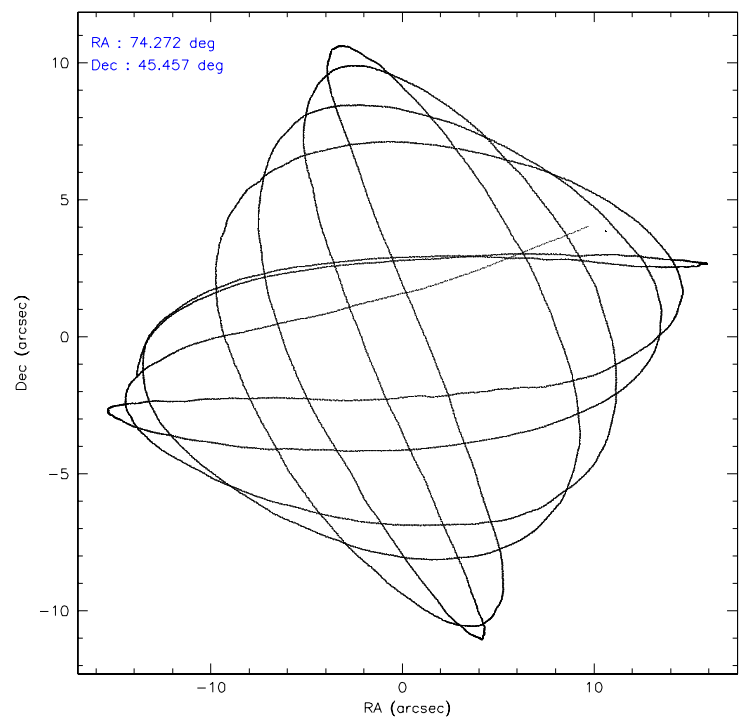
	ccd 7
level 1 events	16642
rejected events	8594
rejected %	51%

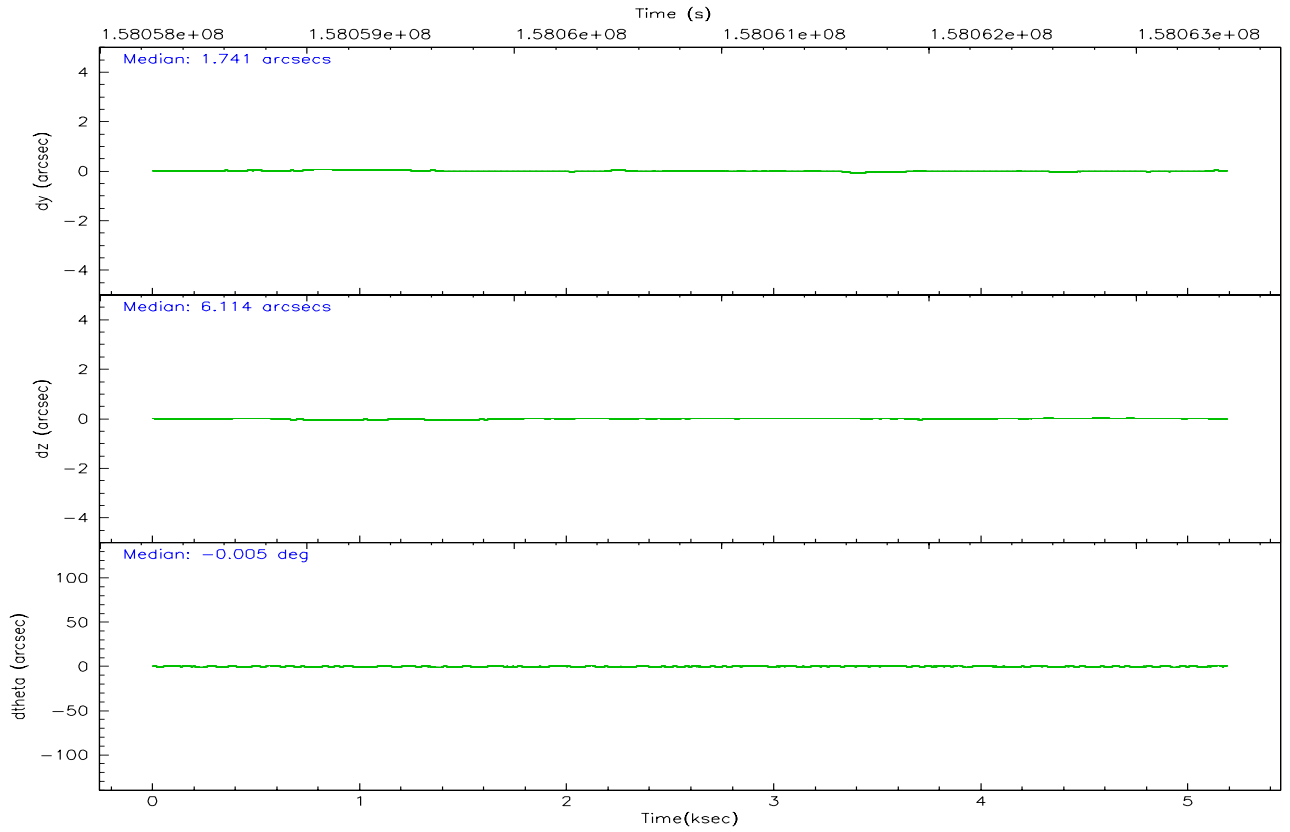
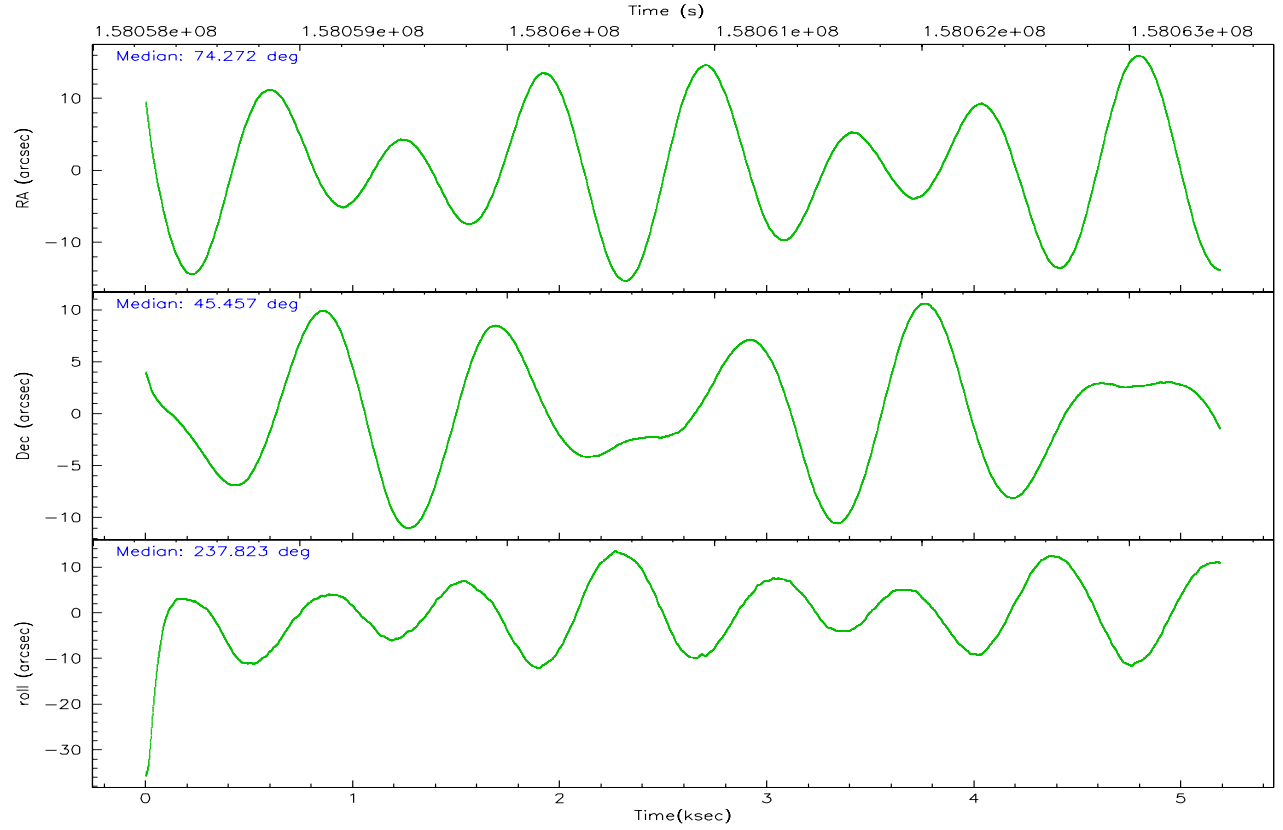
	ccd 7
grade 0 events	1020
	6%
grade 1 events	27
	0%
grade 2 events	2171
	13%
grade 3 events	830
	4%
grade 4 events	757
	4%
grade 5 events	1047
	6%
grade 6 events	4166
	25%
grade 7 events	6624
	39%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	74.272505	74.27153204360634	Subarray requested	1/4	1/4
Pointing Dec	45.484227	45.45702606887338	Subarray start row	0	385
Pointing Roll	237.669262	237.8265385722058	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	158058445.184000	158057395.60445			
Observation start date	2003-01-04T09:06:21	2003-01-04T08:49:55			
Observation end time	158063445.184000	158064251.82973			
Observation end date	2003-01-04T10:29:41	2003-01-04T10:44:11			
Read mode	TIMED	TIMED			

2.3 Aspect



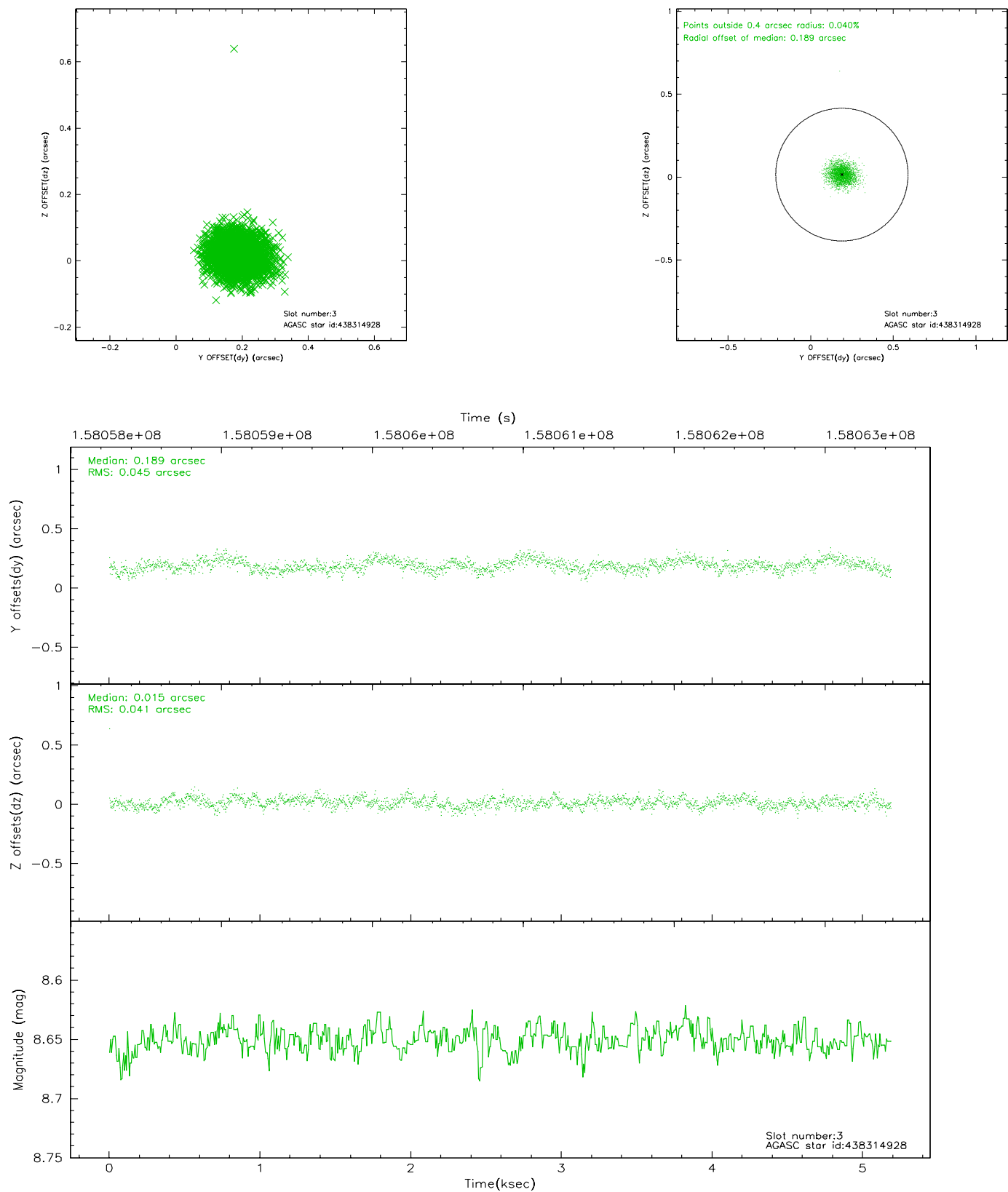


Slot Statistics

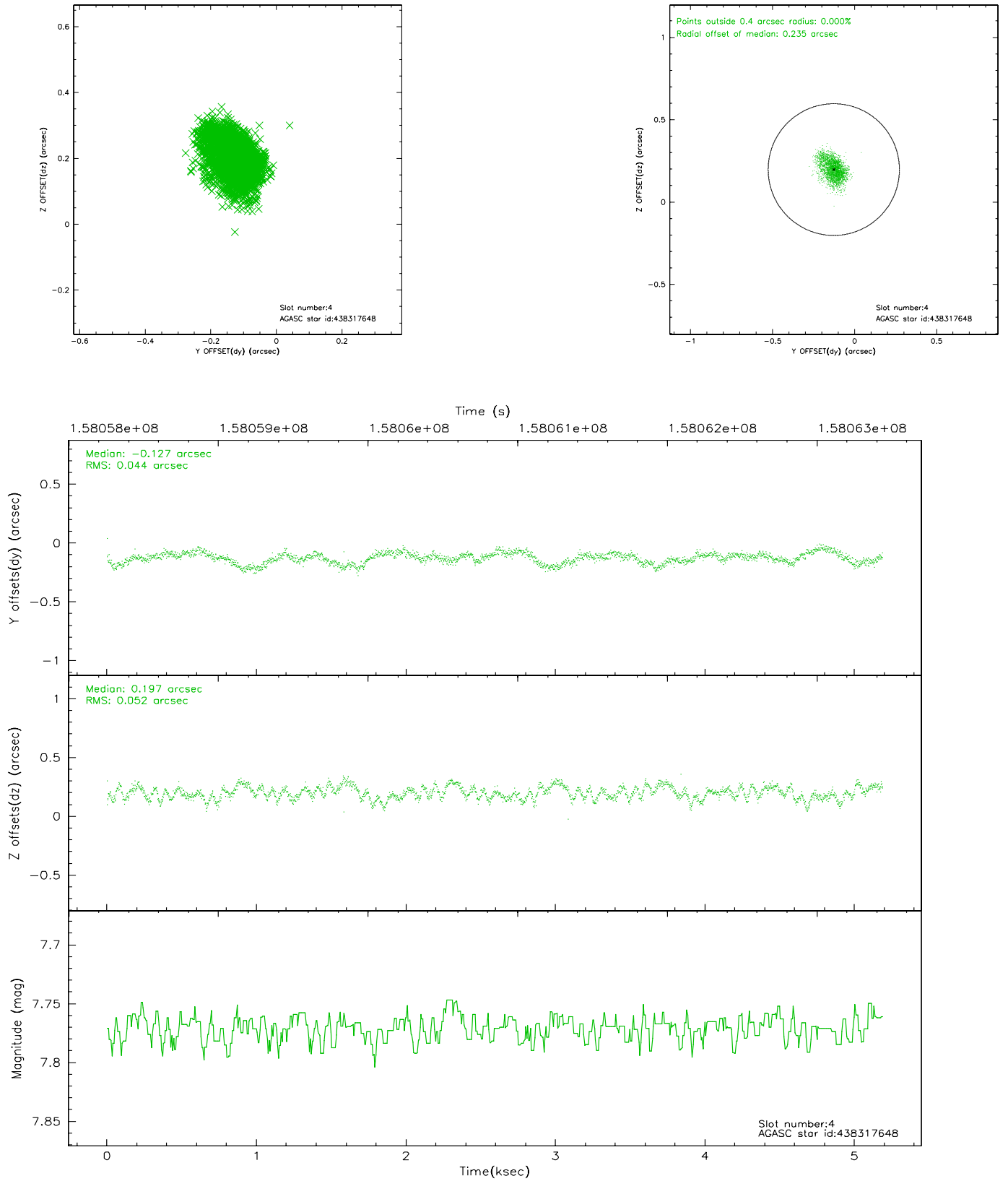
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1266	-0.052	0.014	0.006	0.010	0.000000	0.000000	-754.36	-1727.21
1	FID	ACIS-S-4	7.21	1266	-0.018	0.022	0.005	0.009	0.000000	0.000000	2158.38	180.15
2	FID	ACIS-S-5	7.24	1266	0.039	-0.027	0.006	0.010	0.000000	0.000000	-1805.65	175.01
3	GUIDE	438314928	8.65	2531	0.189	0.015	0.063	0.103	73.874149	45.276809	1169.06	-453.96
4	GUIDE	438317648	7.77	2532	-0.127	0.197	0.073	0.119	73.926274	46.107443	-1434.53	-1931.02
5	GUIDE	438327992	9.30	2532	0.010	-0.078	0.111	0.181	73.572231	45.856259	-199.36	-2204.62
6	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
7	GUIDE	438313896	9.54	2530	-0.075	-0.132	0.120	0.194	75.167370	45.813230	-2212.26	1256.20

2.4 Star Slots

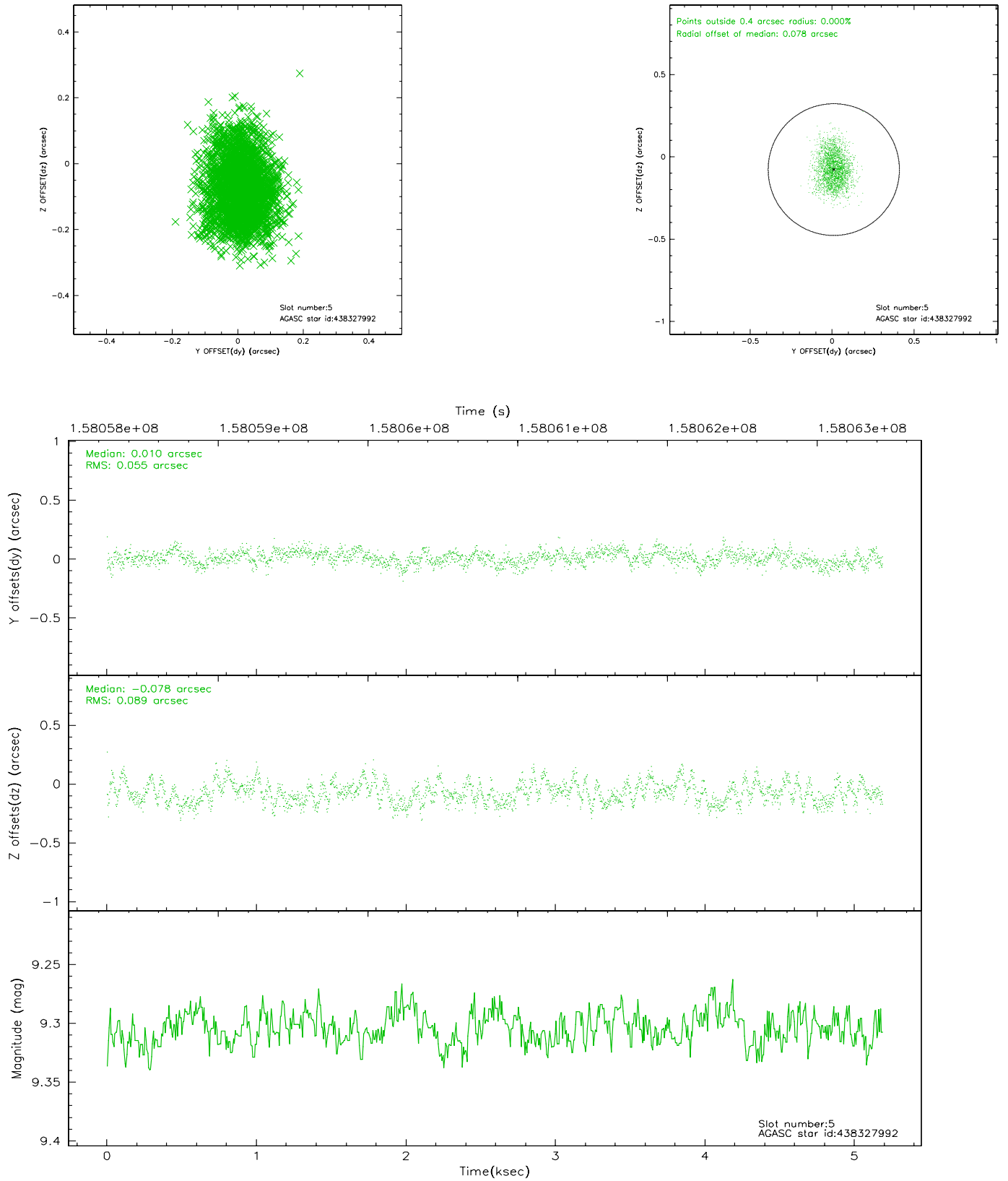
2.4.1 Slot 3



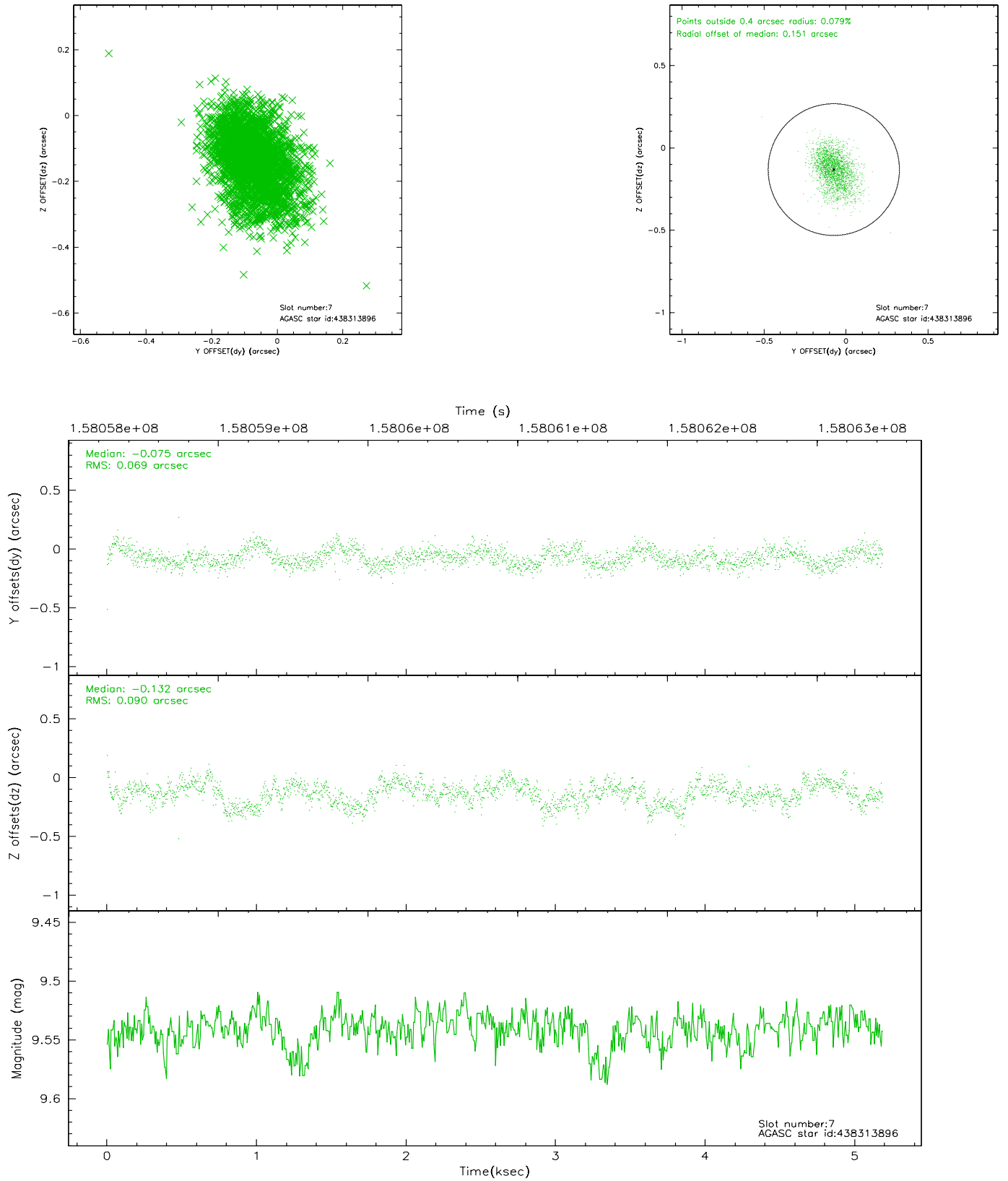
2.4.2 Slot 4



2.4.3 Slot 5

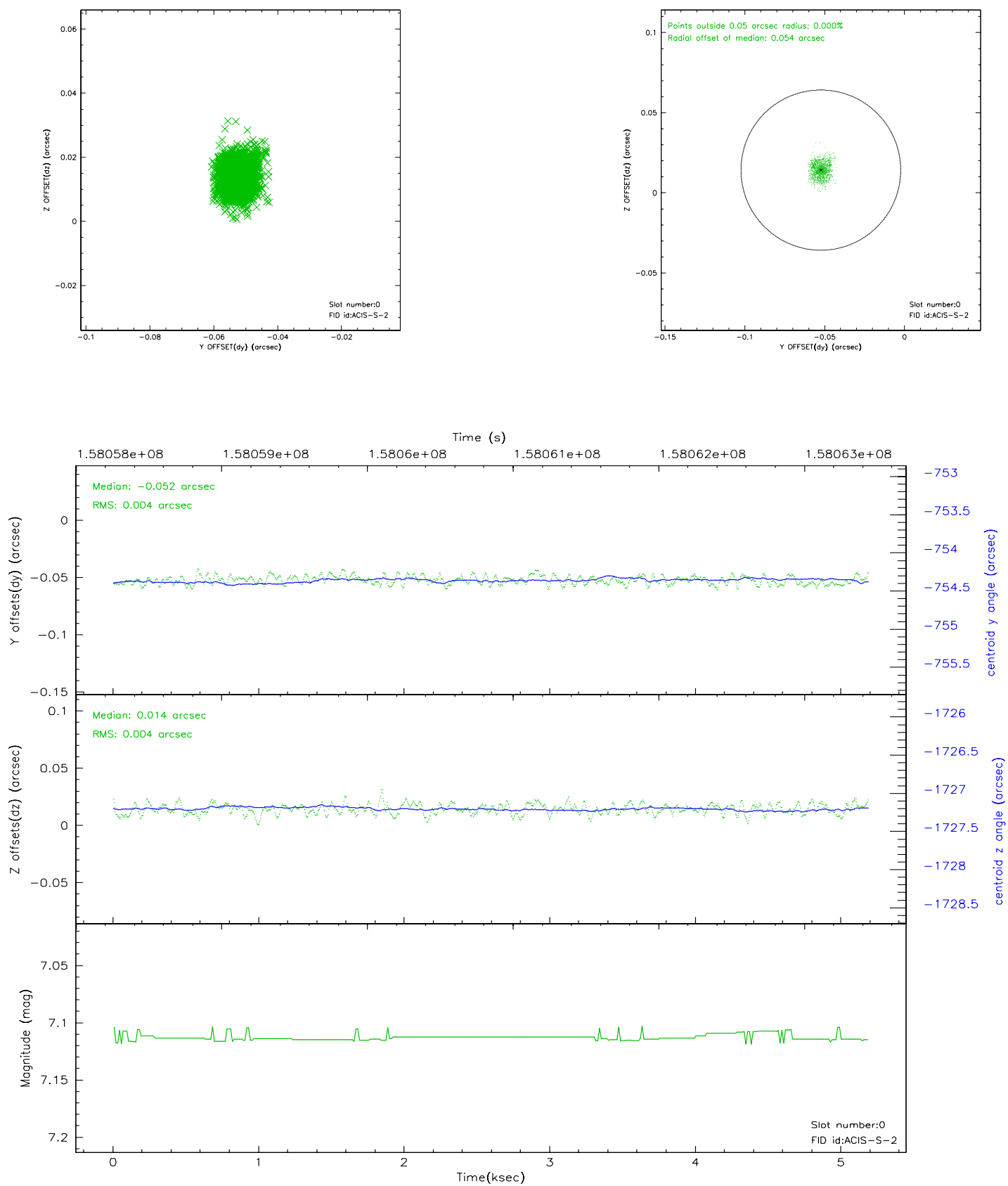


2.4.4 Slot 7

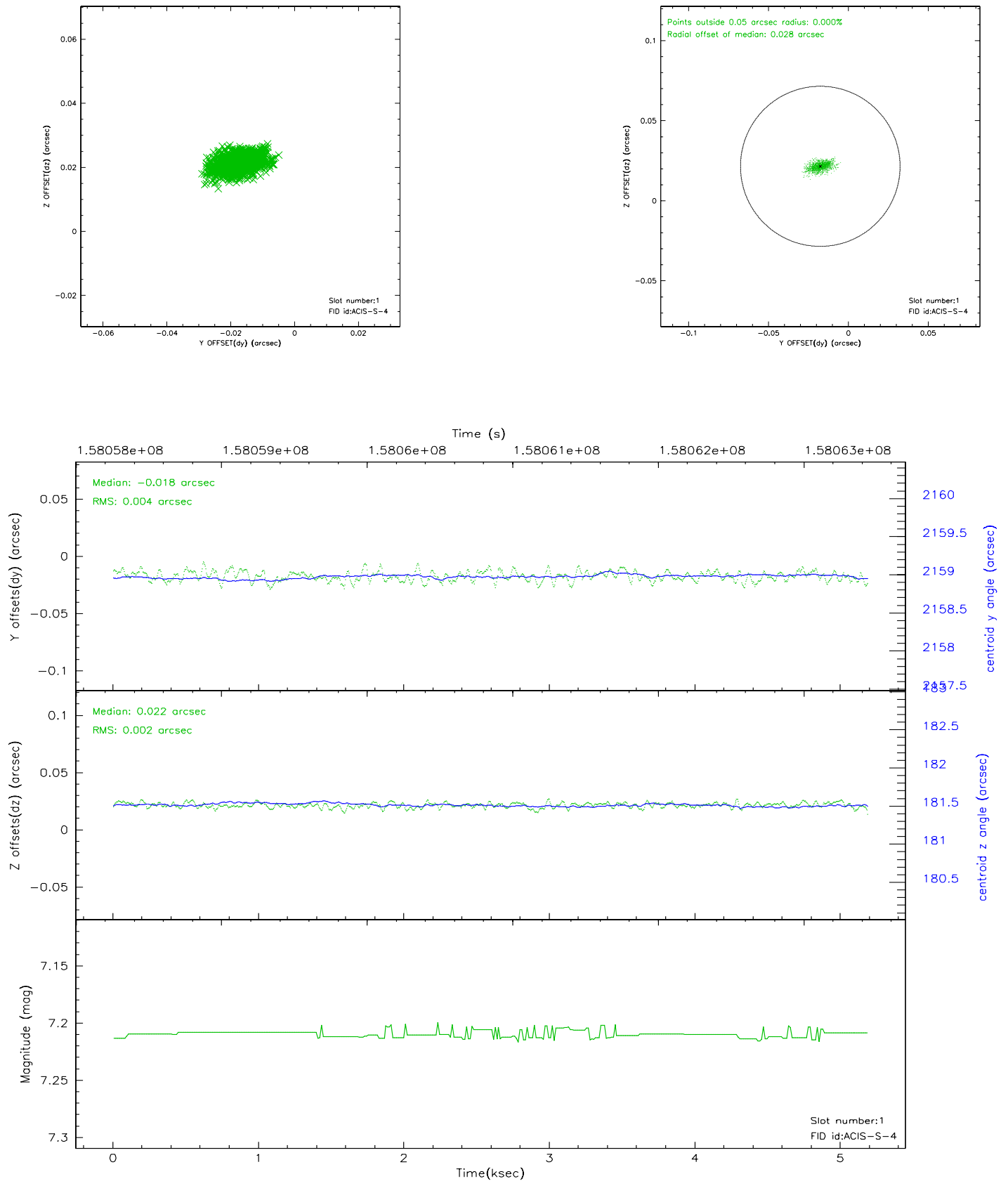


2.5 FID Slots

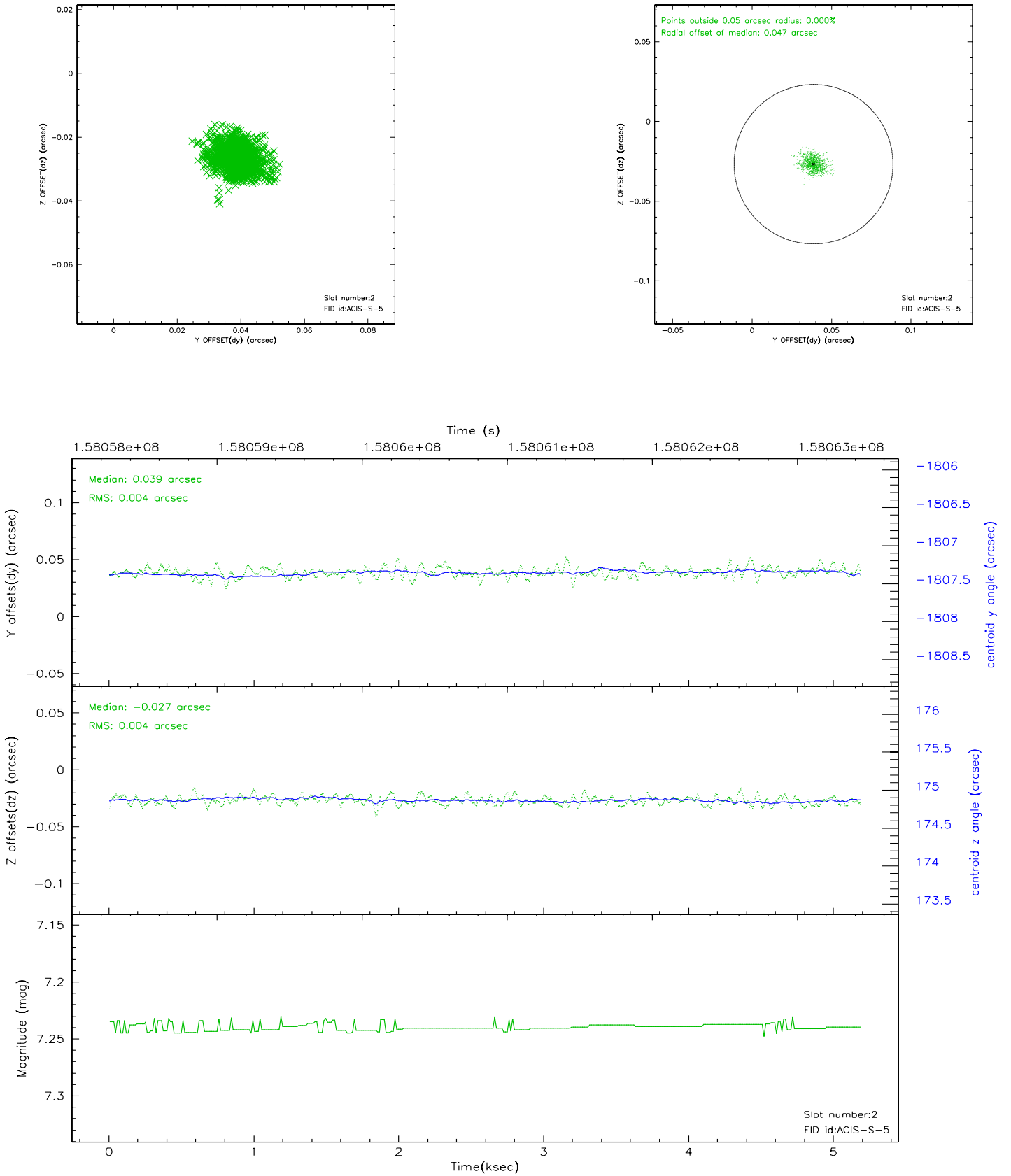
2.5.1 Slot 0



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)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	5.186

A.2 Comments

X-ray source is at 04:57:08.324, 45:27:49.65

The guide star in slot 6 was manually excluded from the processing due to poor data quality.