

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4080 - L2 Version 001
Chandra X-Ray Center

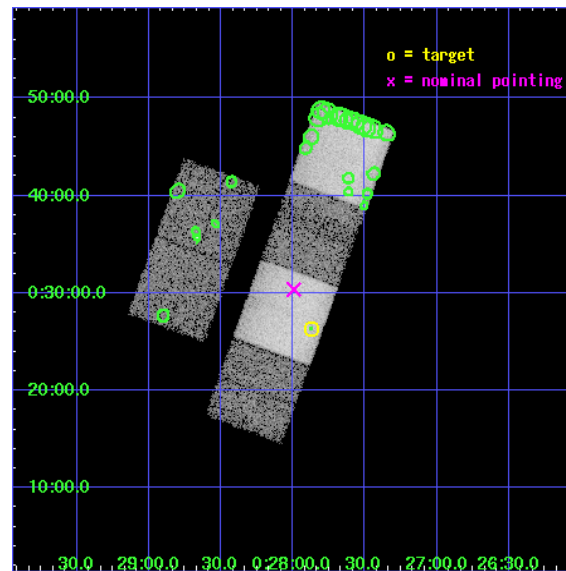
L2 Processing Date : Jul 7 2006

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1 Front

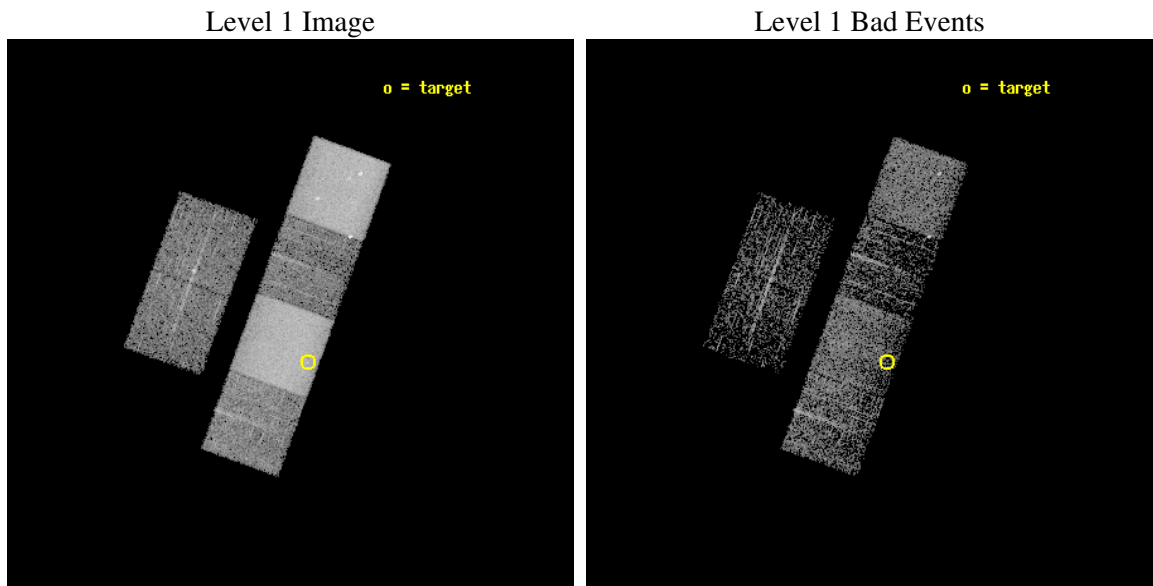
seq_num	700759
obs_id	4080
title	ARE ALL NARROW-LINE SEYFERT 1S ULTRASOFT X-RAY SOURCES?
observer	Prof RICHARD POGGE
object	SDSS J002752.39+002615.8
dtcycle	0
cycle	P
ra_targ	6.968333
dec_targ	0.437722
ra_nom	6.9982957770198
dec_nom	0.50606198236033
roll_nom	110.07222882299
revision	3
ontime	1577.599994123
livetime	1557.6234730807
ontime2	1577.599994123
ontime3	1577.599994123
ontime5	1577.599994123
ontime6	1577.599994123
ontime7	1577.599994123
ontime8	1574.359053731
l2events	145910



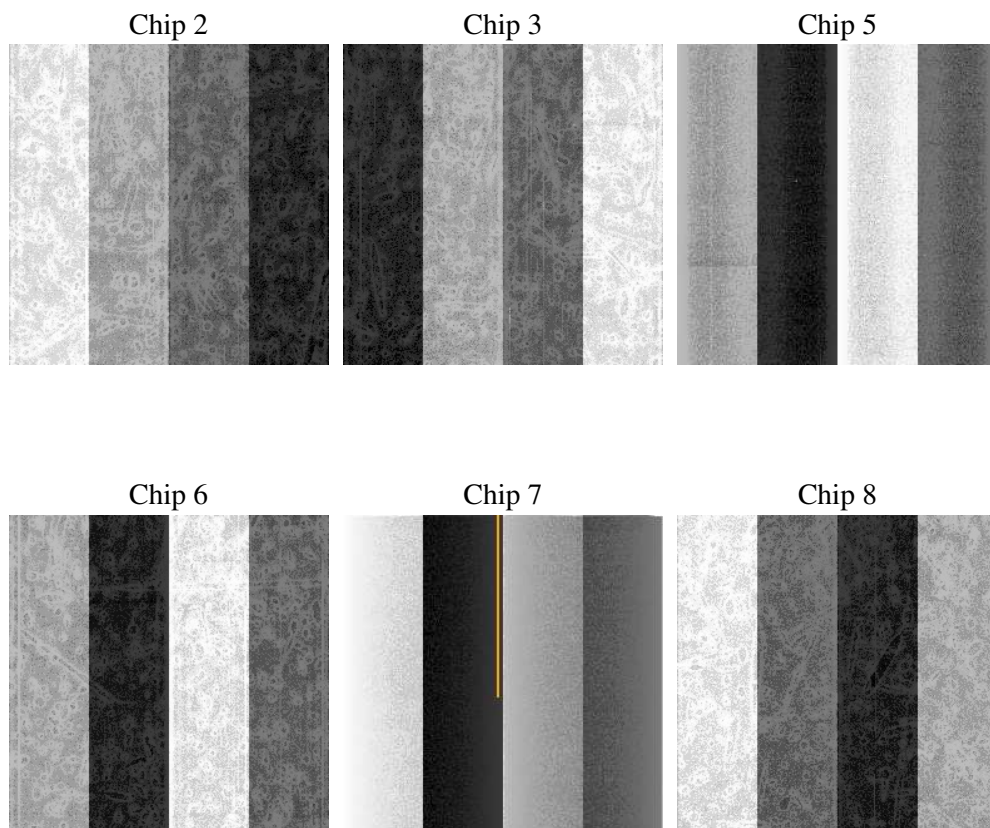
2 OBI

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	2006-07-07T13:49:29
revision	3

sched_exp_time	1825.475000
ontime	1584.850018084
ontime2	1584.850018084
ontime3	1584.850018084
ontime5	1584.850018084
ontime6	1584.850018084
ontime7	1584.850018084
ontime8	1581.609077692
l1events	224843

2.1.4 Events

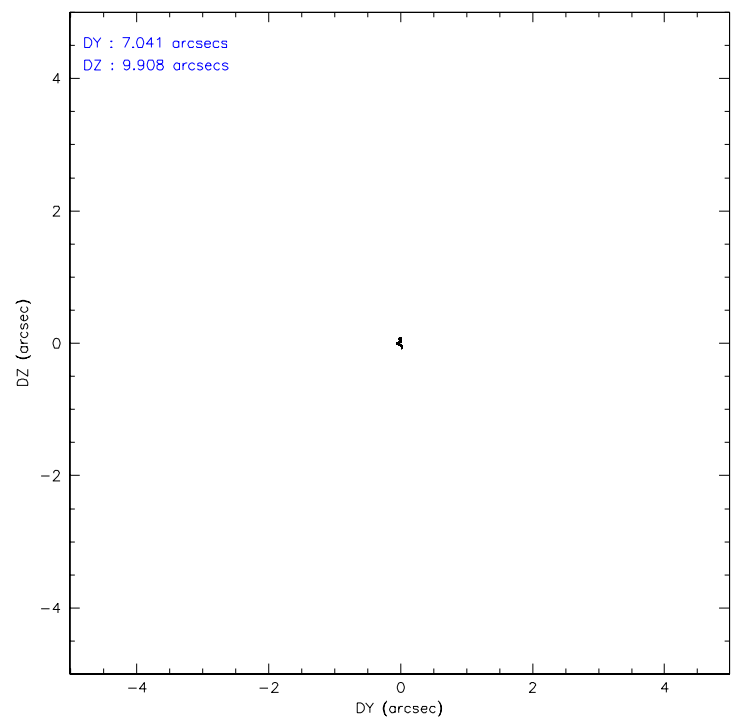
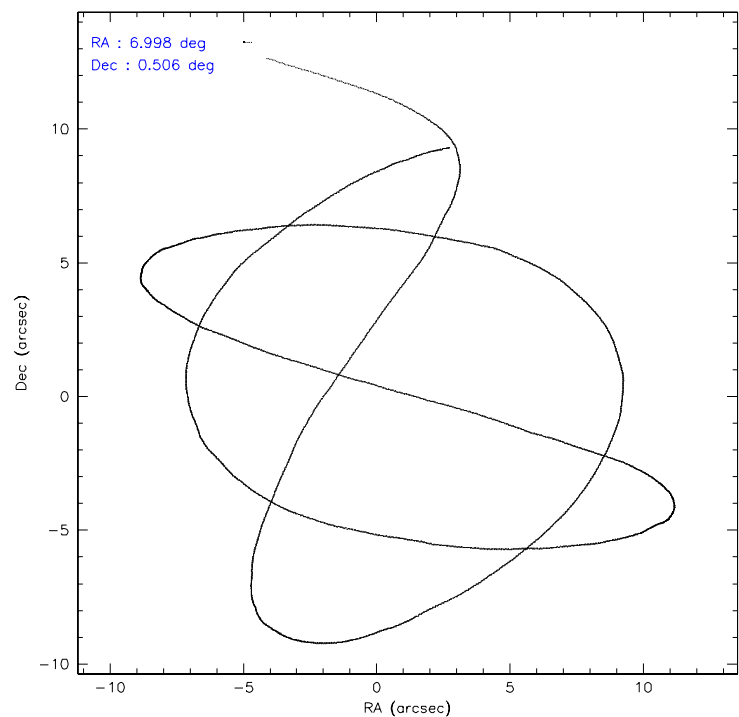
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18250	17168	74328	18895	70995	25207
rejected events	9271	8444	16755	9189	14845	14299
rejected %	50%	49%	22%	48%	20%	56%

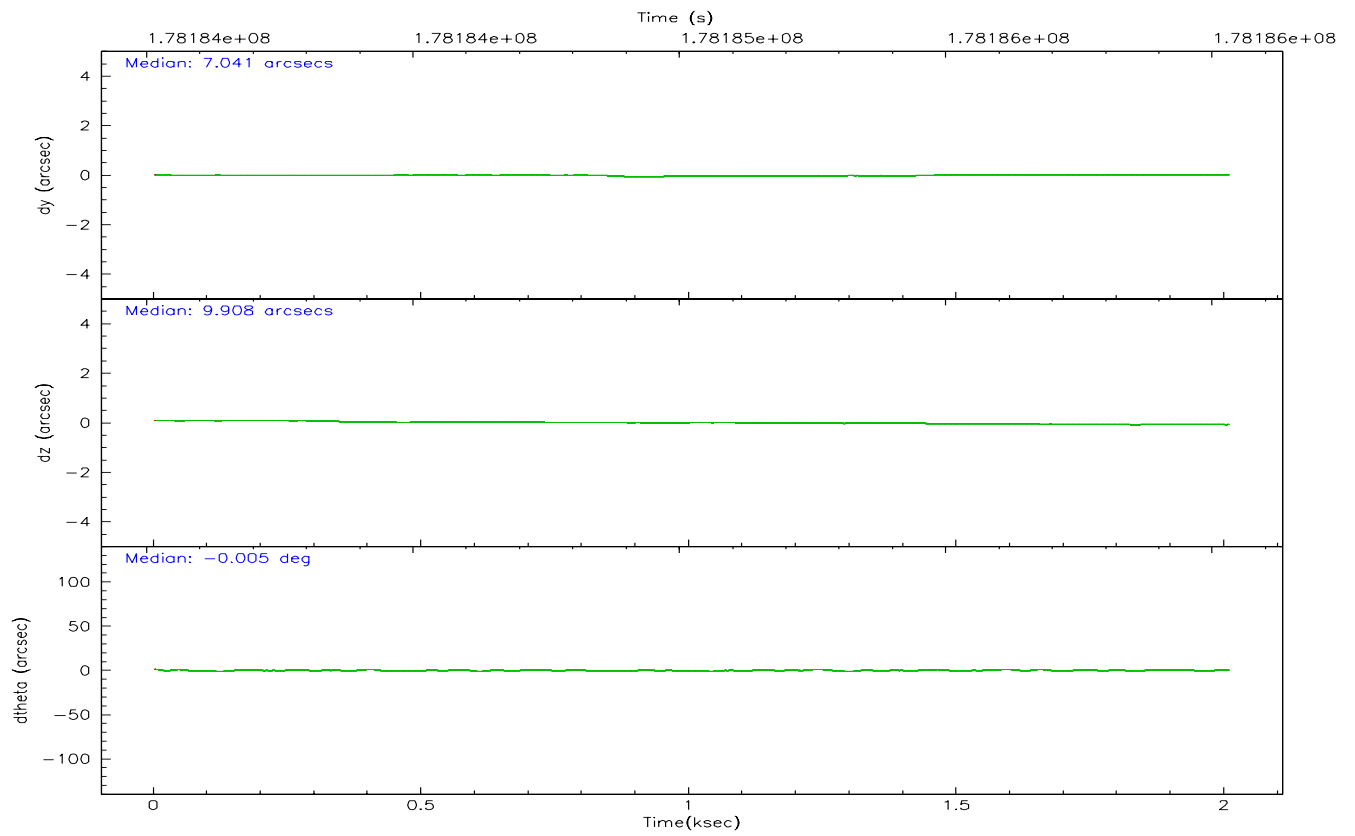
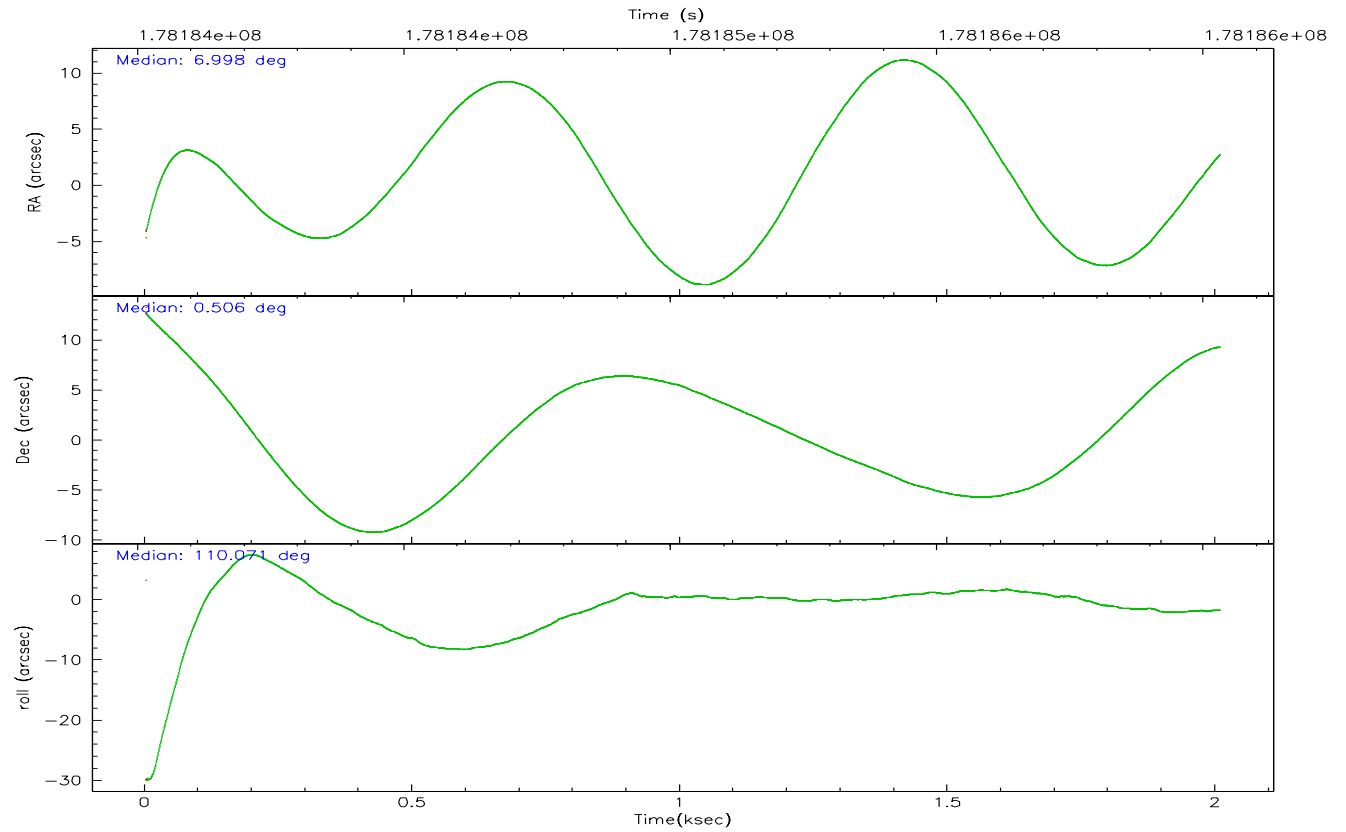
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	6708	6366	7241	7024	5603	7202
	36%	37%	9%	37%	7%	28%
grade 1 events	36	38	266	30	12	111
	0%	0%	0%	0%	0%	0%
grade 2 events	922	975	18471	1147	11388	1371
	5%	5%	24%	6%	16%	5%
grade 3 events	380	414	2092	389	3248	575
	2%	2%	2%	2%	4%	2%
grade 4 events	392	395	2130	420	3141	592
	2%	2%	2%	2%	4%	2%
grade 5 events	425	464	1414	499	1222	664
	2%	2%	1%	2%	1%	2%
grade 6 events	612	614	27814	757	32944	1172
	3%	3%	37%	4%	46%	4%
grade 7 events	8775	7902	14900	8629	13437	13520
	48%	46%	20%	45%	18%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	NONE	NONE
Pointing RA	7.019629	6.998295777019828	Alternating exposures requested	N	N
Pointing Dec	0.488929	0.5060619823603324	Primary exposure time	0.000000	3.2
Pointing Roll	109.915594	110.0722288229907			
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	178184201.184000	178183329.88075			
Observation start date	2003-08-25T07:35:37	2003-08-25T07:22:09			
Observation end time	178186026.184000	178186340.81838			
Observation end date	2003-08-25T08:06:02	2003-08-25T08:12:20			
Read mode	TIMED	TIMED			

2.3 Aspect



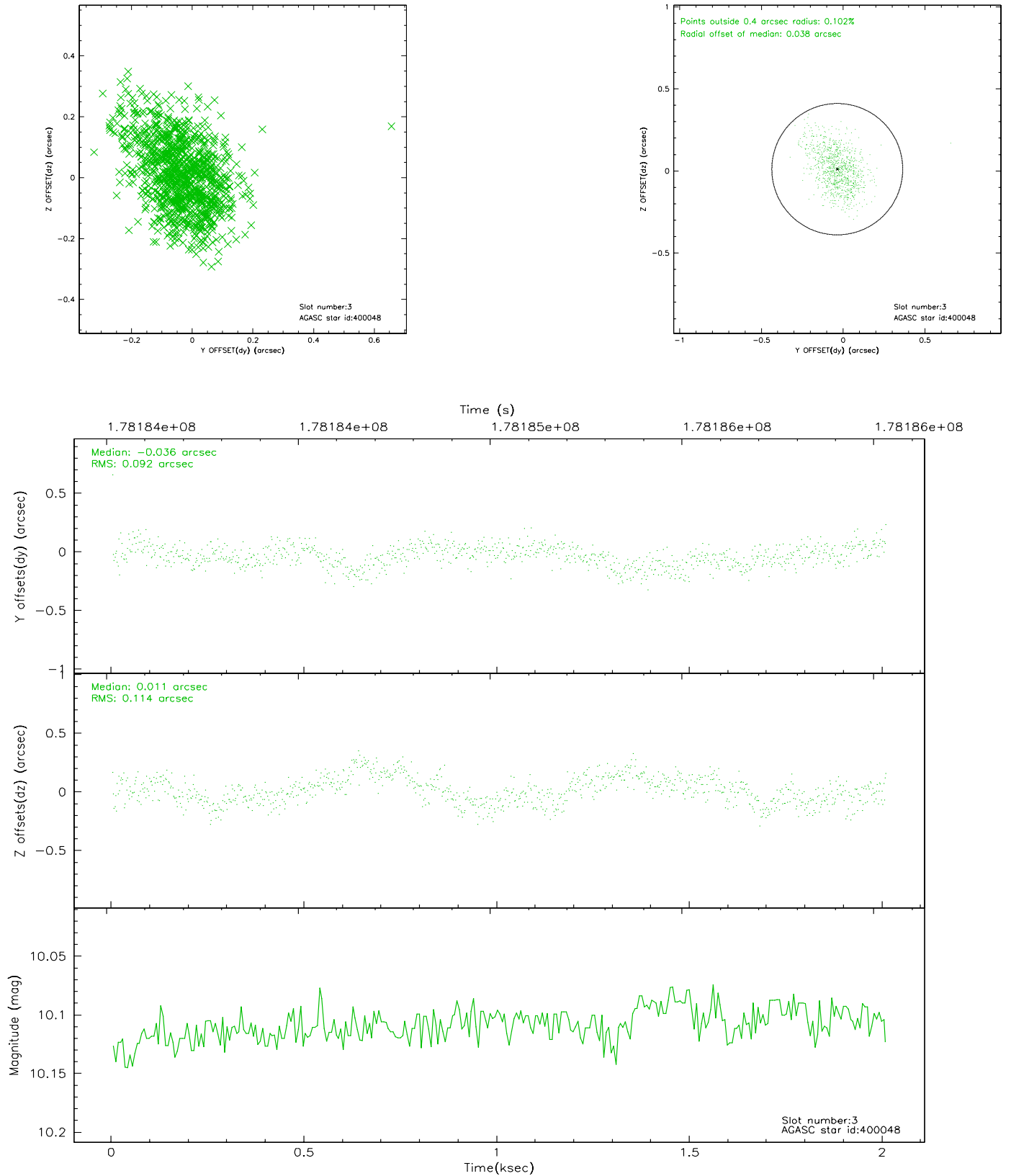


Slot Statistics

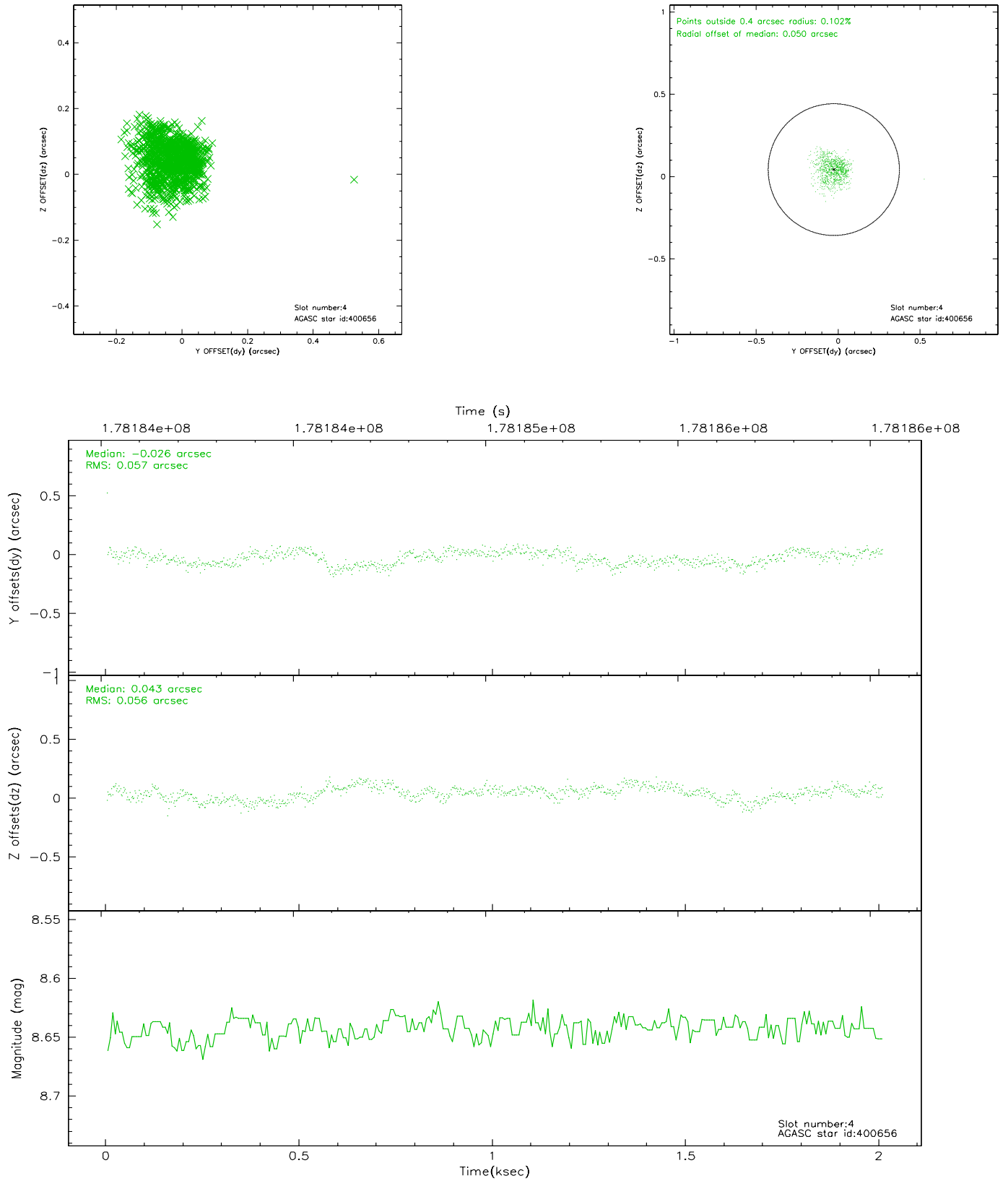
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	490	-0.039	-0.000	0.006	0.010	0.000000	0.000000	-759.80	-1731.17
1	FID	ACIS-S-4	7.20	490	0.036	0.019	0.005	0.010	0.000000	0.000000	2152.04	174.01
2	FID	ACIS-S-5	7.23	490	-0.028	-0.010	0.006	0.011	0.000000	0.000000	-1808.47	171.30
3	GUIDE	400048	10.11	980	-0.036	0.011	0.154	0.255	7.189953	0.767145	732.90	-918.18
4	GUIDE	400656	8.64	980	-0.026	0.043	0.083	0.133	7.291613	0.040726	-1849.83	-372.52
5	GUIDE	400752	10.21	980	0.012	0.134	0.141	0.232	7.349162	0.104626	-1706.63	-645.01
6	GUIDE	402160	8.39	980	-0.218	-0.205	0.091	0.143	6.512670	0.437560	445.79	1777.98
7	GUIDE	611456192	10.24	979	0.274	0.023	0.295	0.444	7.278551	-0.042148	-2114.26	-223.84

2.4 Star Slots

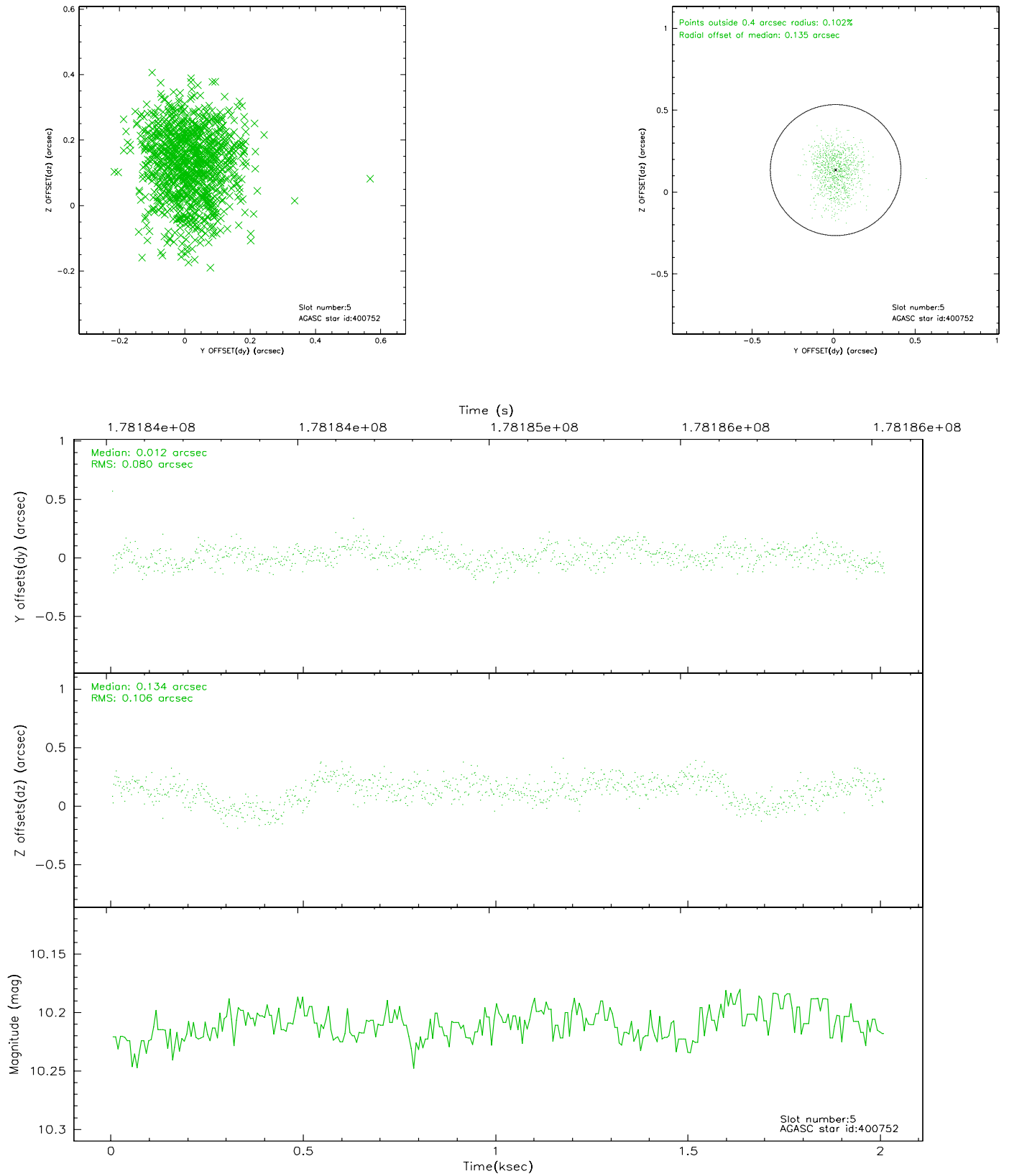
2.4.1 Slot 3



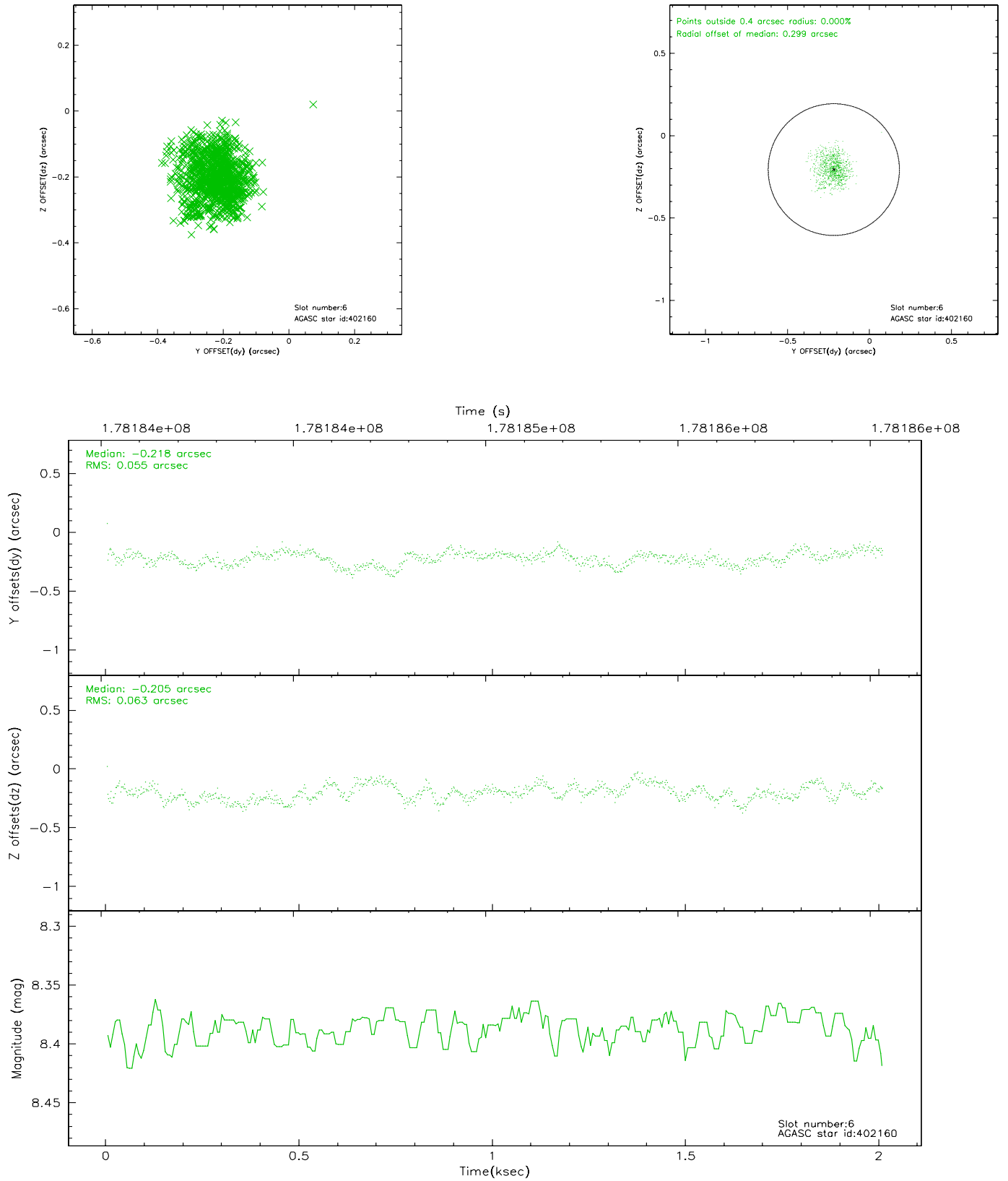
2.4.2 Slot 4



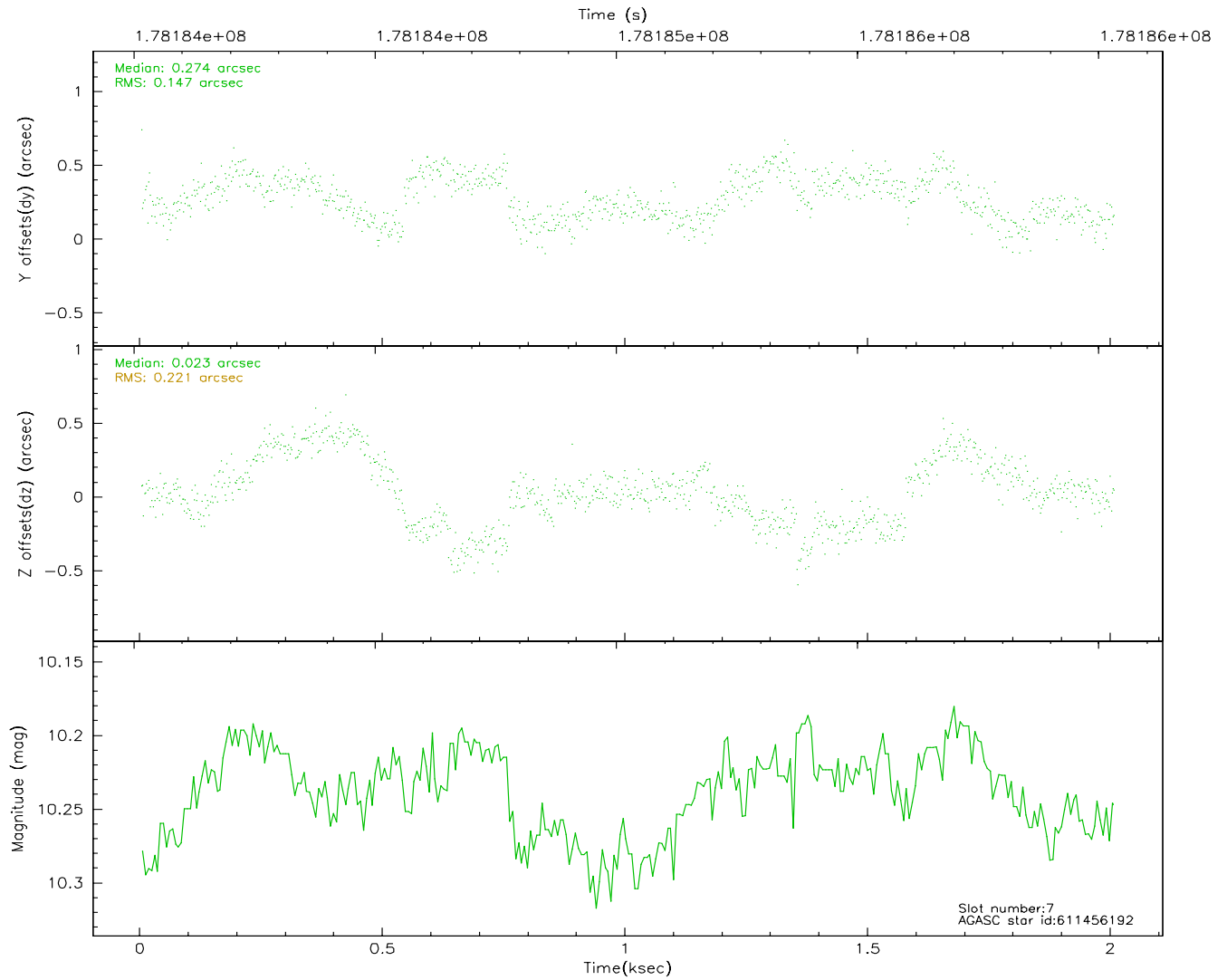
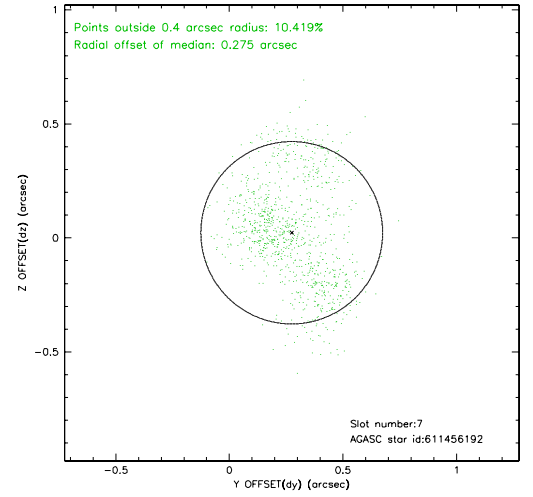
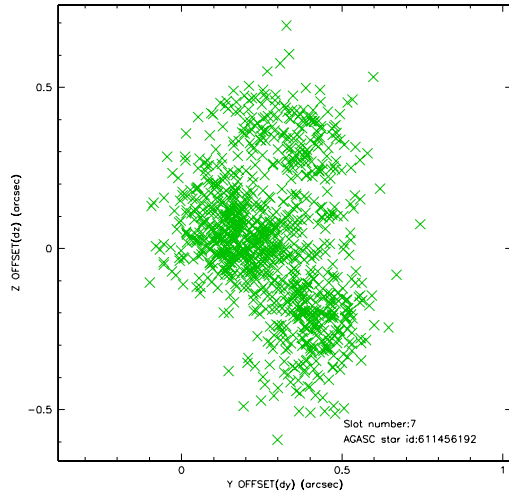
2.4.3 Slot 5



2.4.4 Slot 6

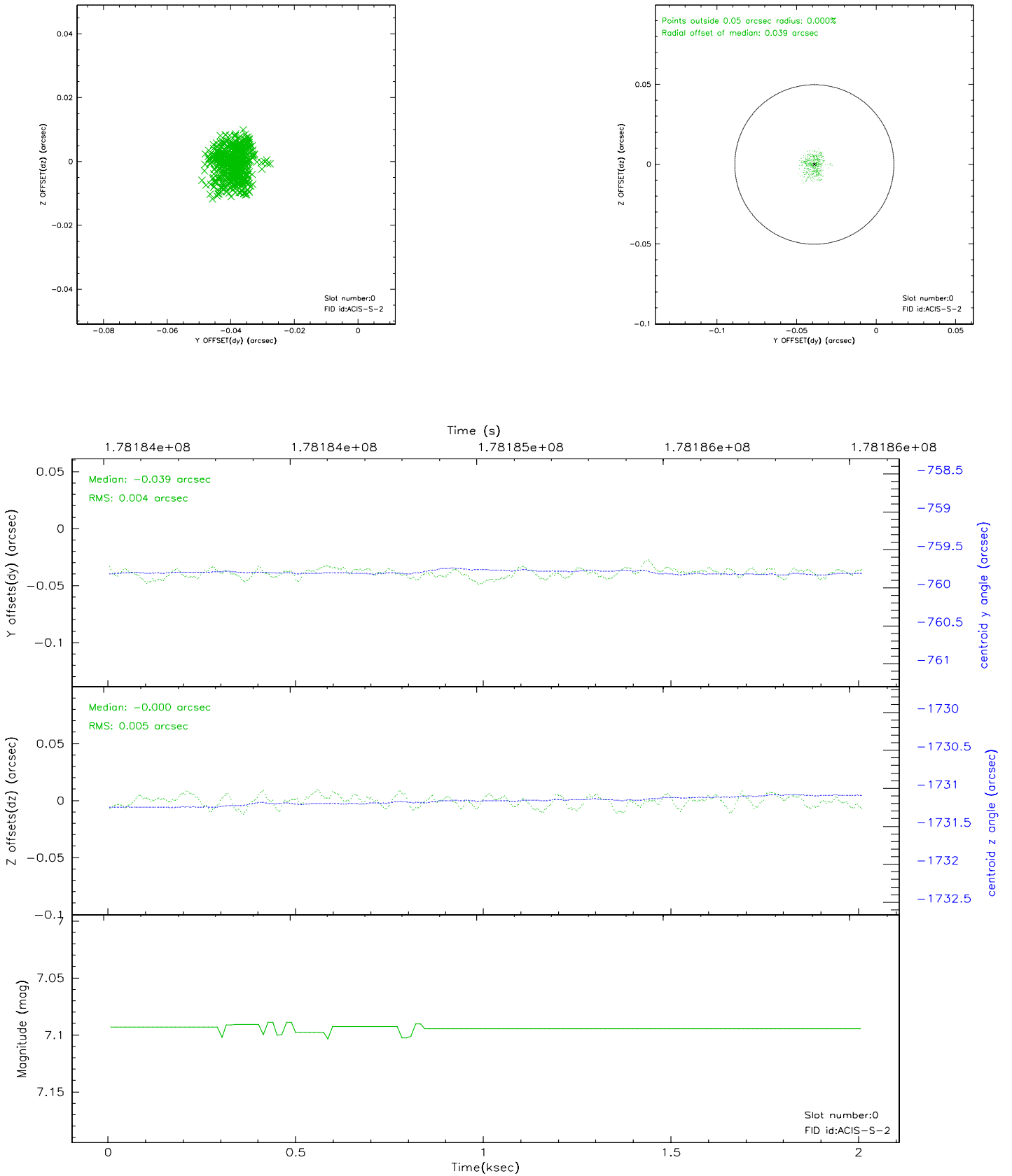


2.4.5 Slot 7

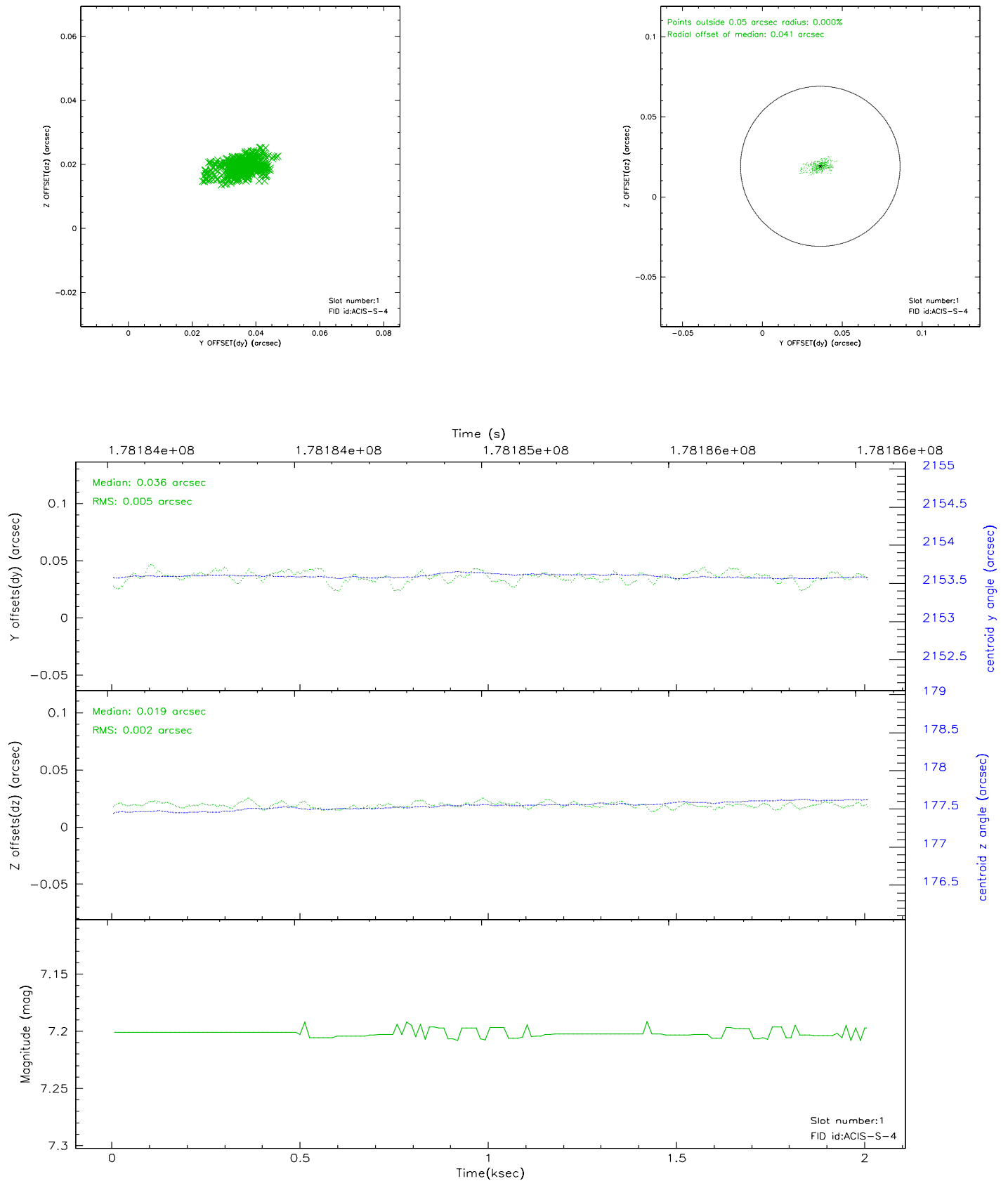


2.5 FID Slots

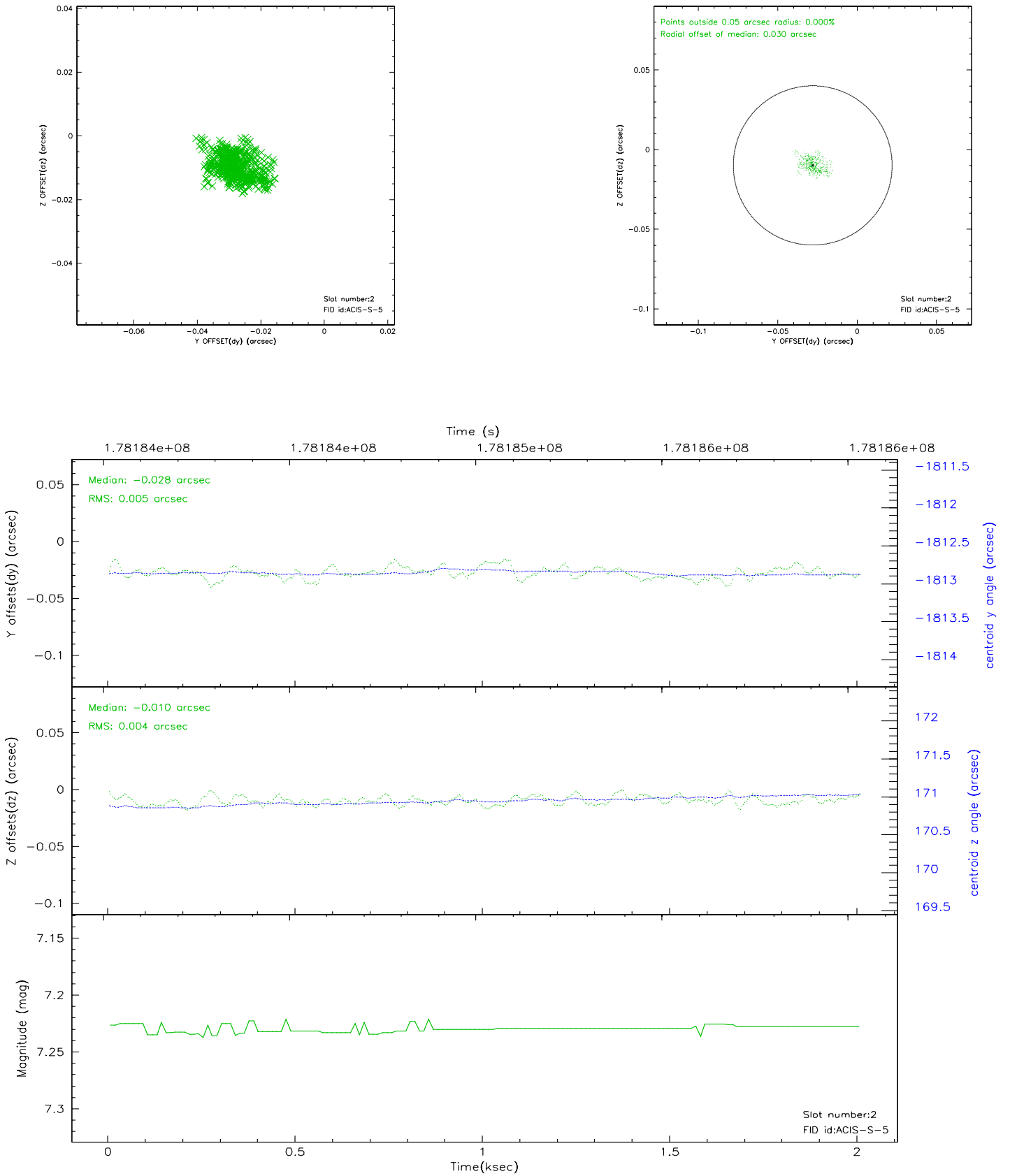
2.5.1 Slot 0



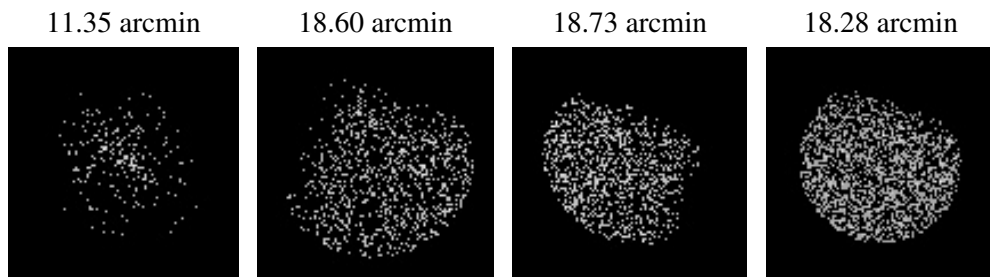
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.58

A.2 Comments