

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1832 - L2 Version 001
Chandra X-Ray Center

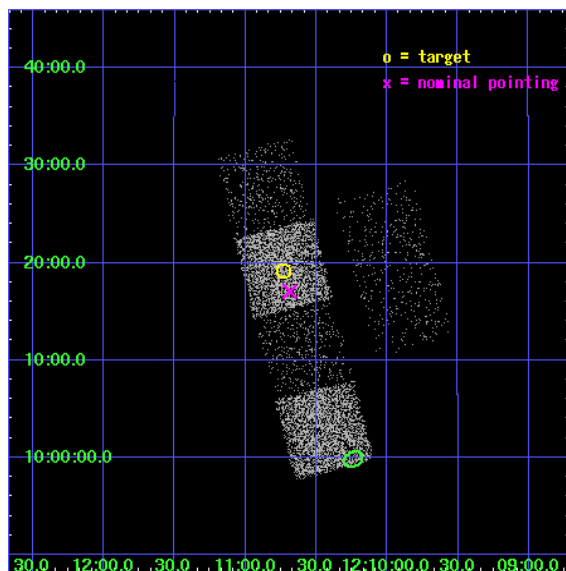
L2 Processing Date : Jun 1 2007

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1 Front

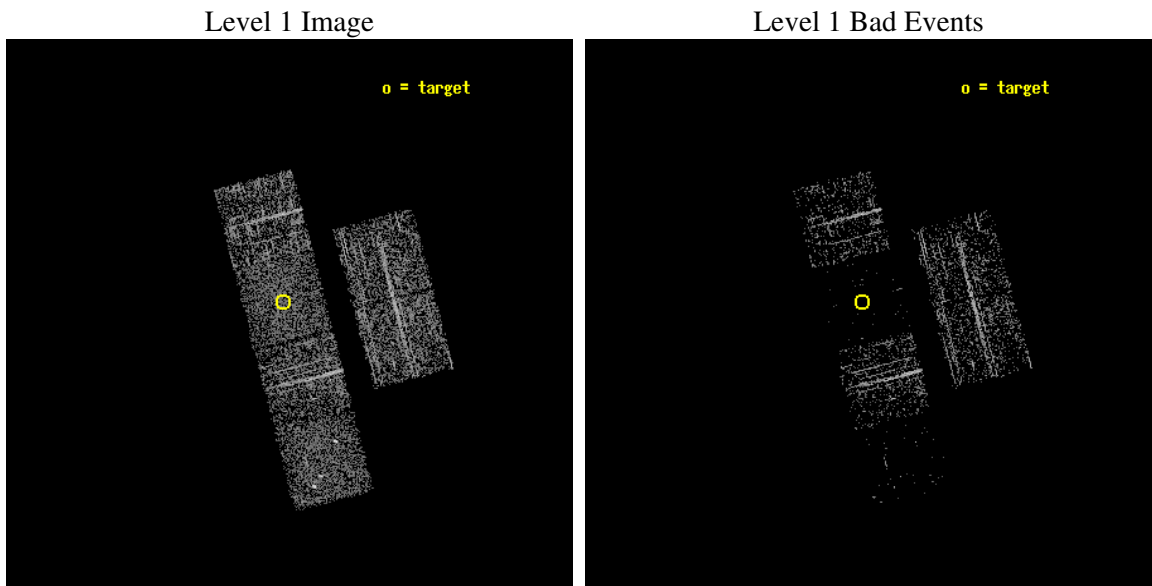
seq_num	100018
obs_id	1832
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.68296
dec_targ	10.32042
ra_nom	182.6715537978
dec_nom	10.284466093712
roll_nom	255.5019814661
revision	3
ontime	1190.4000011086
livetime	1175.3264395218
ontime2	1190.4000011086
ontime3	1190.4000011086
ontime5	1190.4000011086
ontime6	1190.4000011086
ontime7	1190.4000011086
ontime8	1190.4000011086
l2events	8190



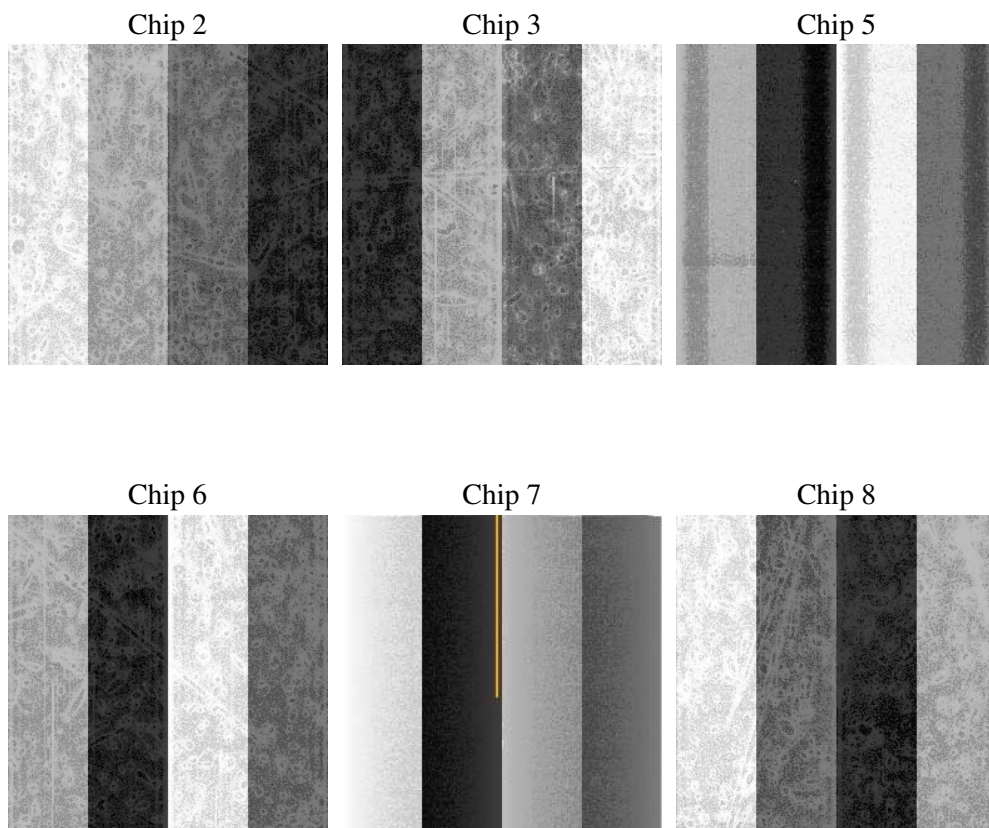
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-01T05:04:58
revision	3

sched_exp_time	1270.000000
ontime	1190.4000011086
ontime2	1190.4000011086
ontime3	1190.4000011086
ontime5	1190.4000011086
ontime6	1190.4000011086
ontime7	1190.4000011086
ontime8	1190.4000011086
l1events	34559

2.1.4 Events

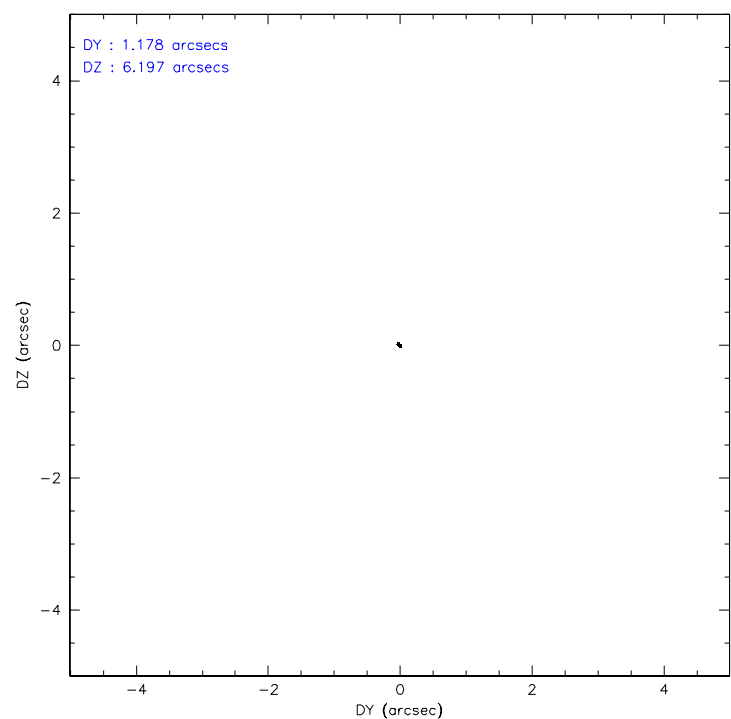
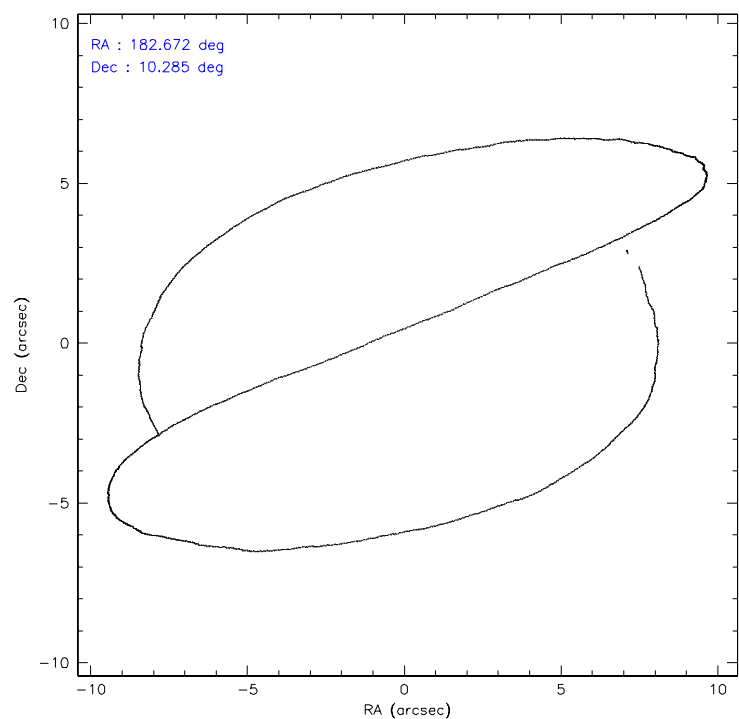
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6468	5937	5179	5758	4649	6568
rejected events	6124	5662	1259	5247	1077	5185
rejected %	94%	95%	24%	91%	23%	78%

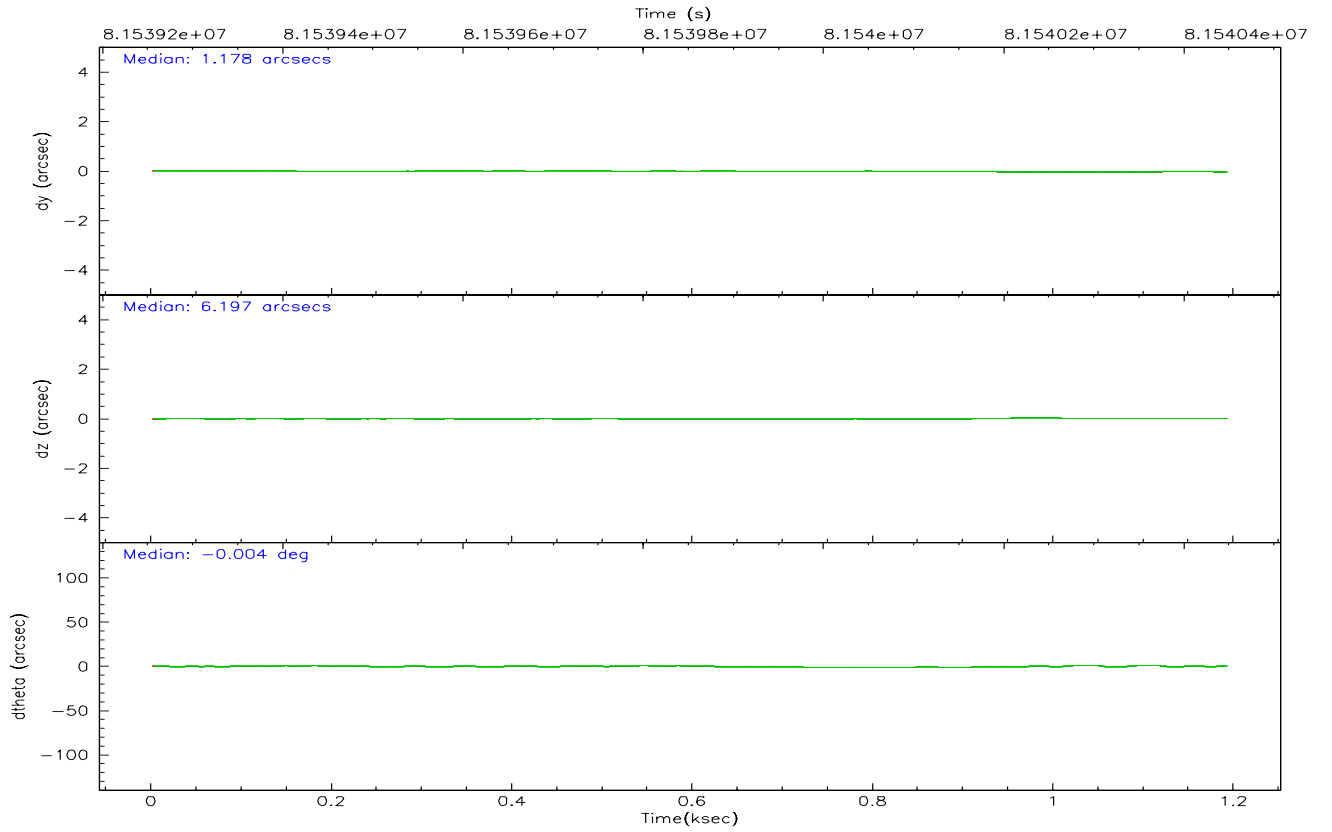
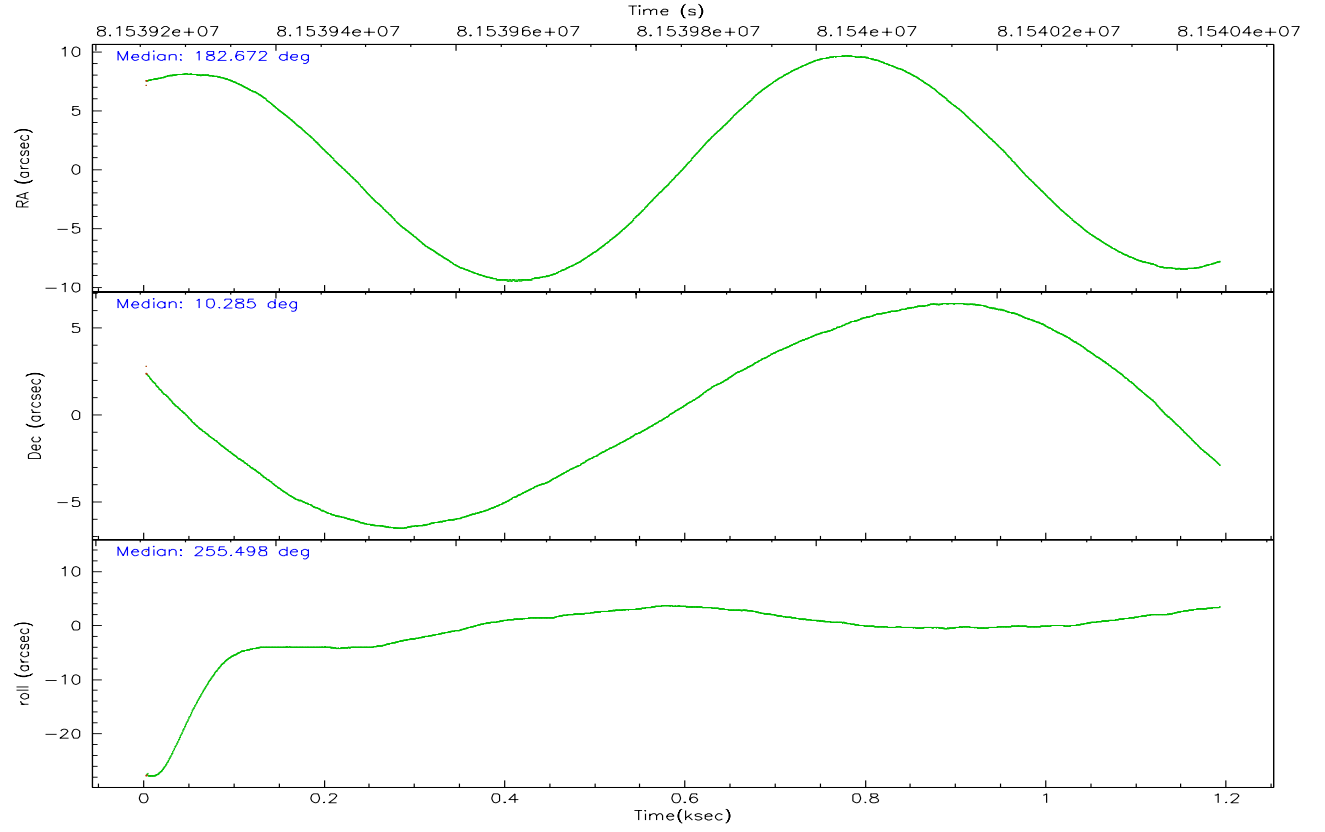
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	245	234	2034	459	1385	676
	3%	3%	39%	7%	29%	10%
grade 1 events	2	1	14	2	4	3
	0%	0%	0%	0%	0%	0%
grade 2 events	47	21	1347	50	1222	328
	0%	0%	26%	0%	26%	4%
grade 3 events	46	41	401	44	522	176
	0%	0%	7%	0%	11%	2%
grade 4 events	42	33	444	39	565	194
	0%	0%	8%	0%	12%	2%
grade 5 events	12	6	73	4	36	33
	0%	0%	1%	0%	0%	0%
grade 6 events	26	13	591	19	809	391
	0%	0%	11%	0%	17%	5%
grade 7 events	6048	5588	275	5141	106	4767
	93%	94%	5%	89%	2%	72%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	182.663952	182.671553797801	Subarray requested	NONE	NONE
Pointing Dec	10.310832	10.28446609371243	Alternating exposures requested	N	N
Pointing Roll	255.347026	255.5019814661027	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	81539180.184000	81539074.628783			
Observation start date	2000-08-01T17:45:16	2000-08-01T17:44:34			
Observation end time	81540450.184000	81540584.453839			
Observation end date	2000-08-01T18:06:26	2000-08-01T18:09:44			
Read mode	TIMED	TIMED			

2.3 Aspect



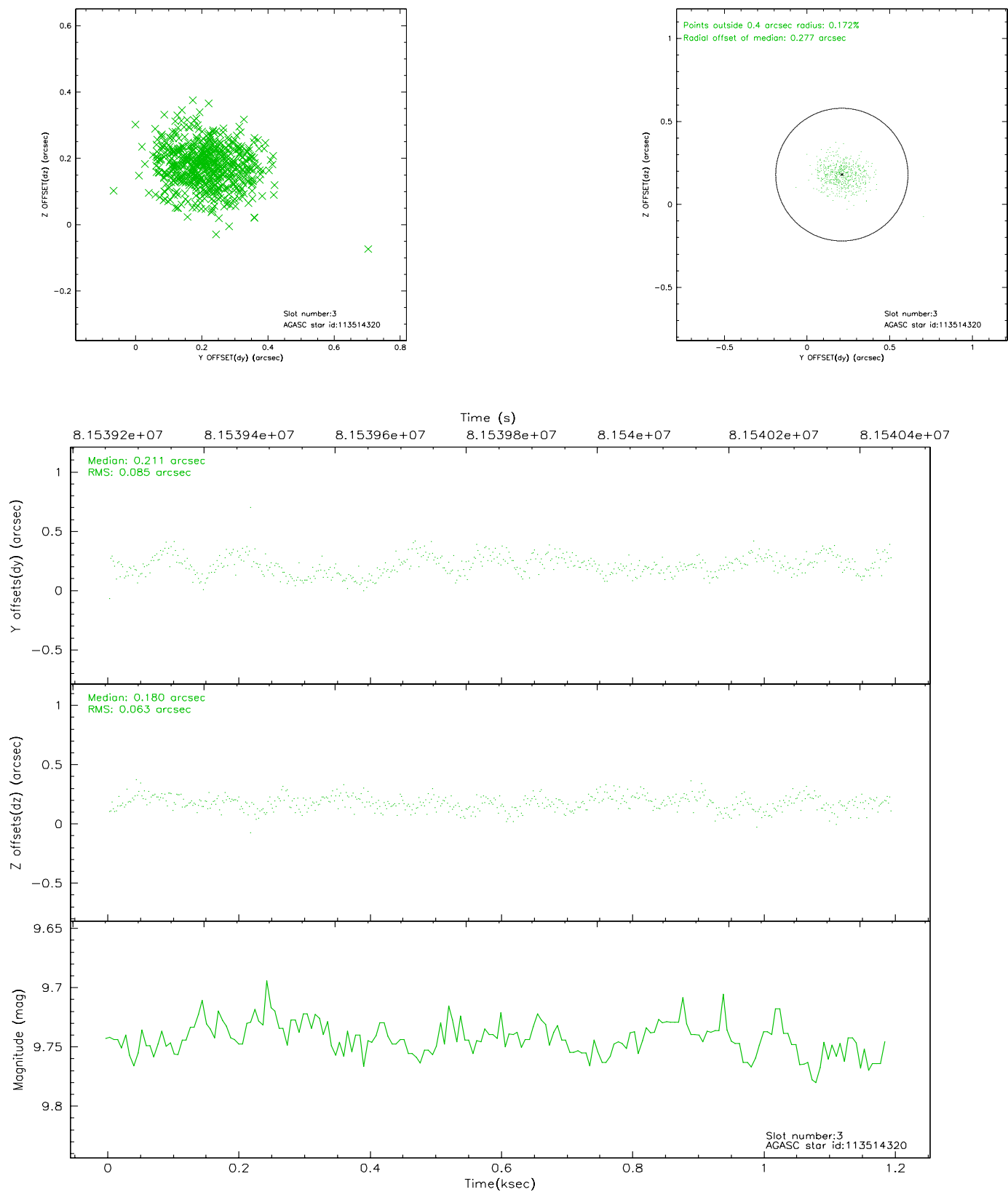


Slot Statistics

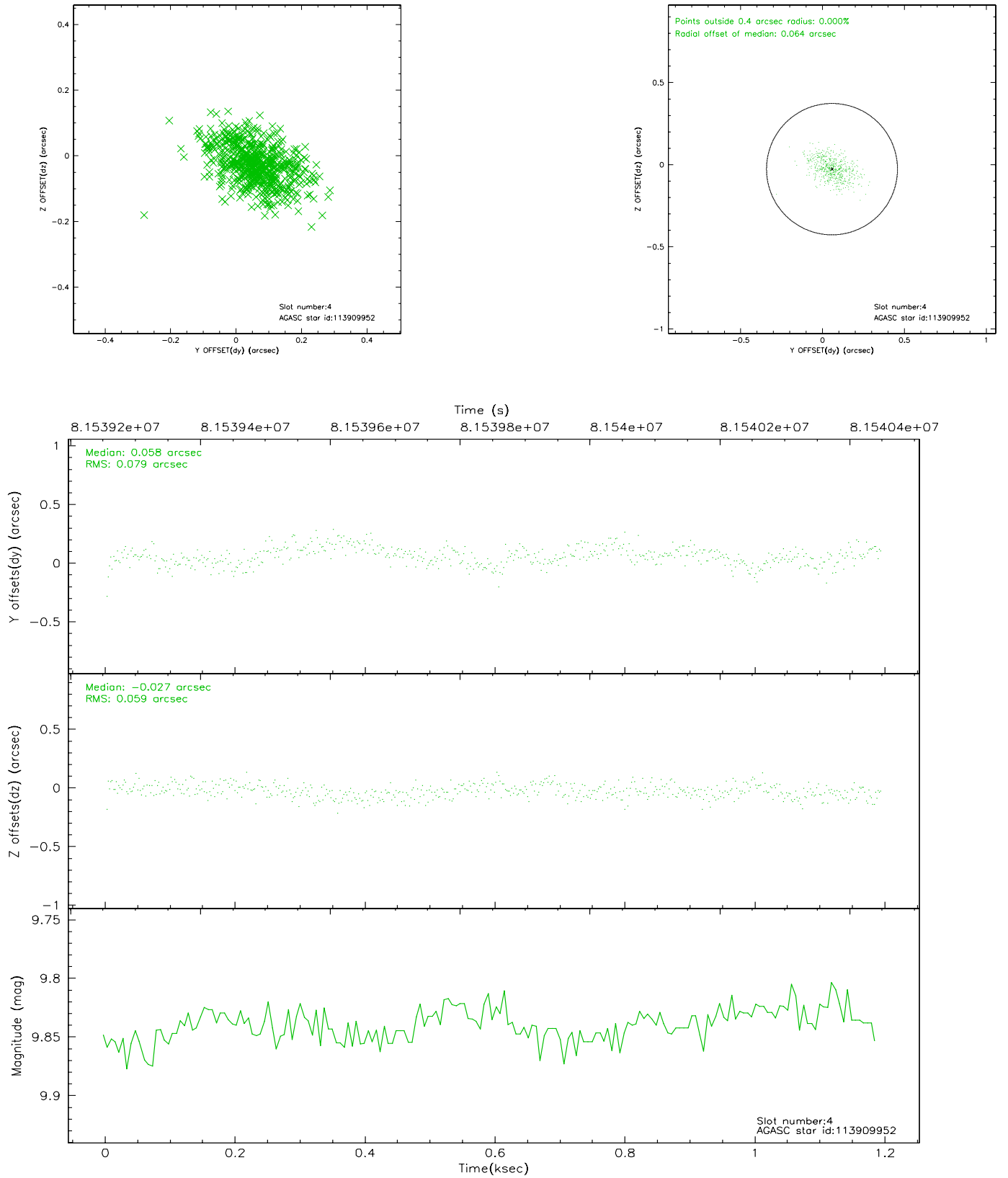
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	291	-0.037	0.022	0.017	0.023	0.000000	0.000000	-753.79	-1727.27
1	FID	ACIS-S-4	7.21	291	-0.034	0.012	0.008	0.012	0.000000	0.000000	2156.96	175.44
2	FID	ACIS-S-5	7.23	291	0.038	-0.026	0.015	0.019	0.000000	0.000000	-1799.36	175.42
3	GUIDE	113514320	9.74	582	0.211	0.180	0.114	0.174	183.030216	9.556614	2298.15	1944.35
4	GUIDE	113909952	9.84	581	0.058	-0.027	0.105	0.171	182.703120	10.082649	764.36	344.74
5	GUIDE	113511280	10.47	582	0.100	-0.167	0.152	0.255	182.700155	9.746408	1935.48	638.09
6	GUIDE	113907440	7.64	582	-0.259	0.143	0.068	0.106	183.304663	10.821652	-2350.52	1726.57
7	GUIDE	113910864	6.19	581	-0.108	-0.123	0.078	0.137	183.358076	10.262342	-459.28	2424.38

2.4 Star Slots

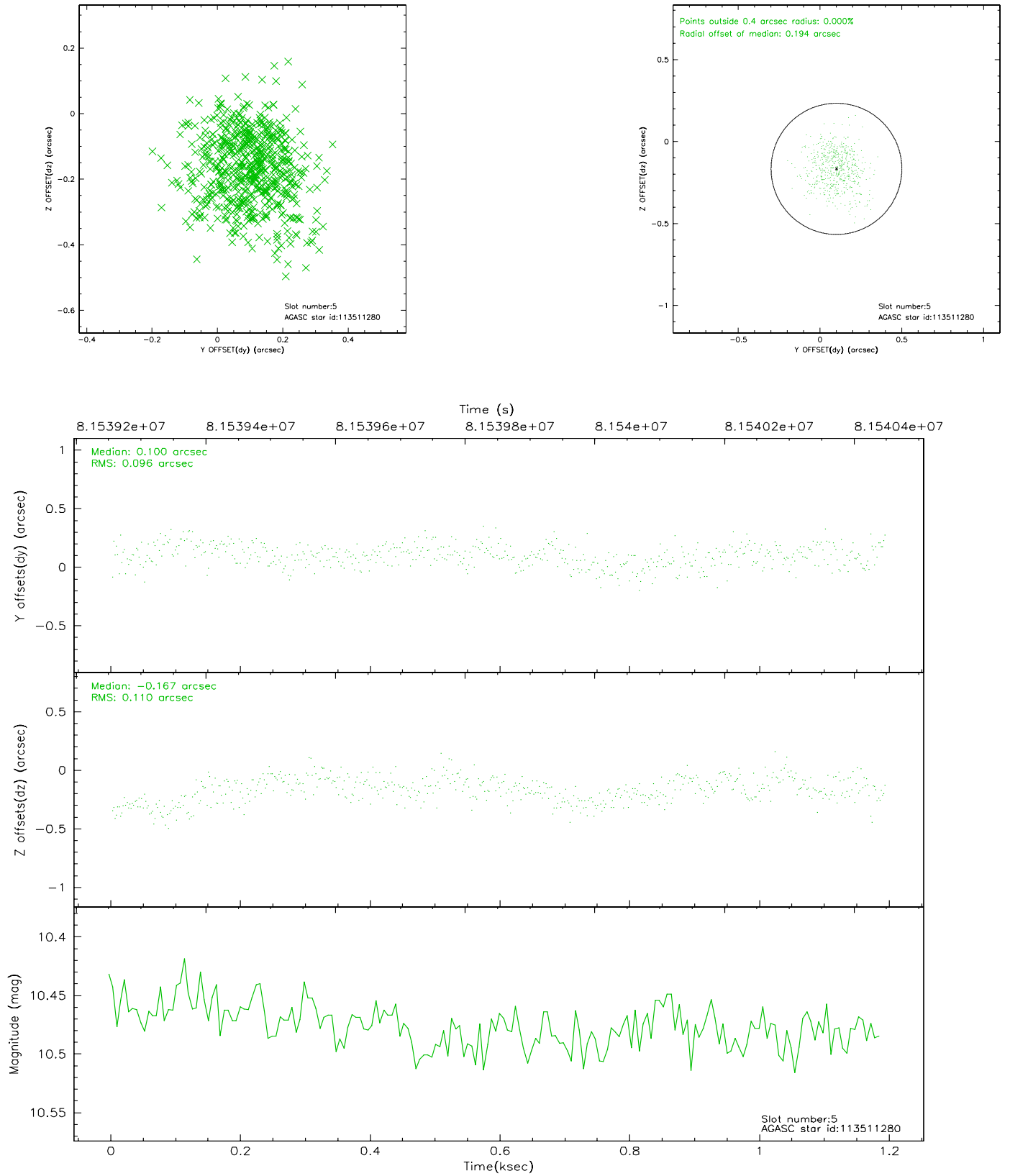
2.4.1 Slot 3



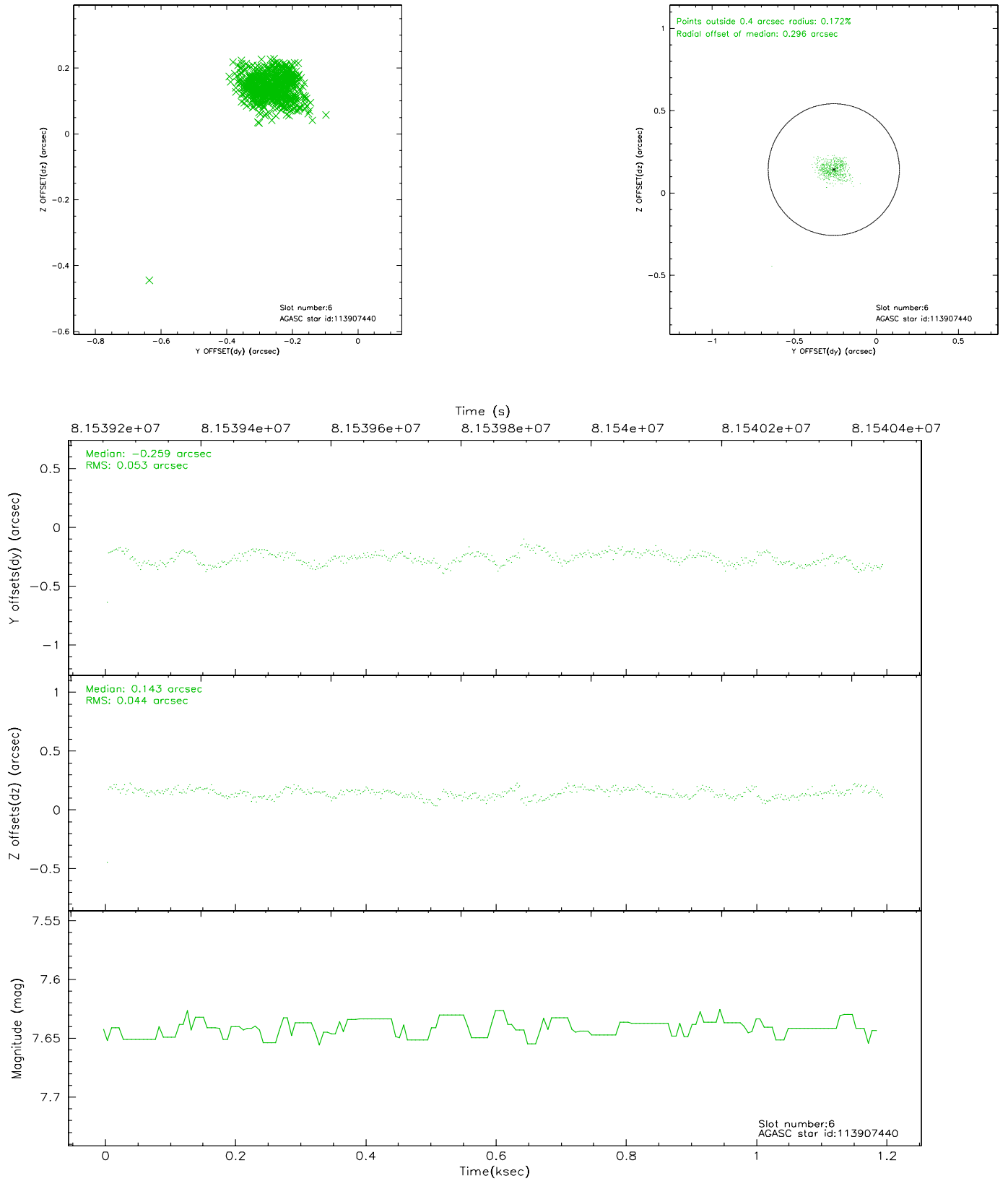
2.4.2 Slot 4



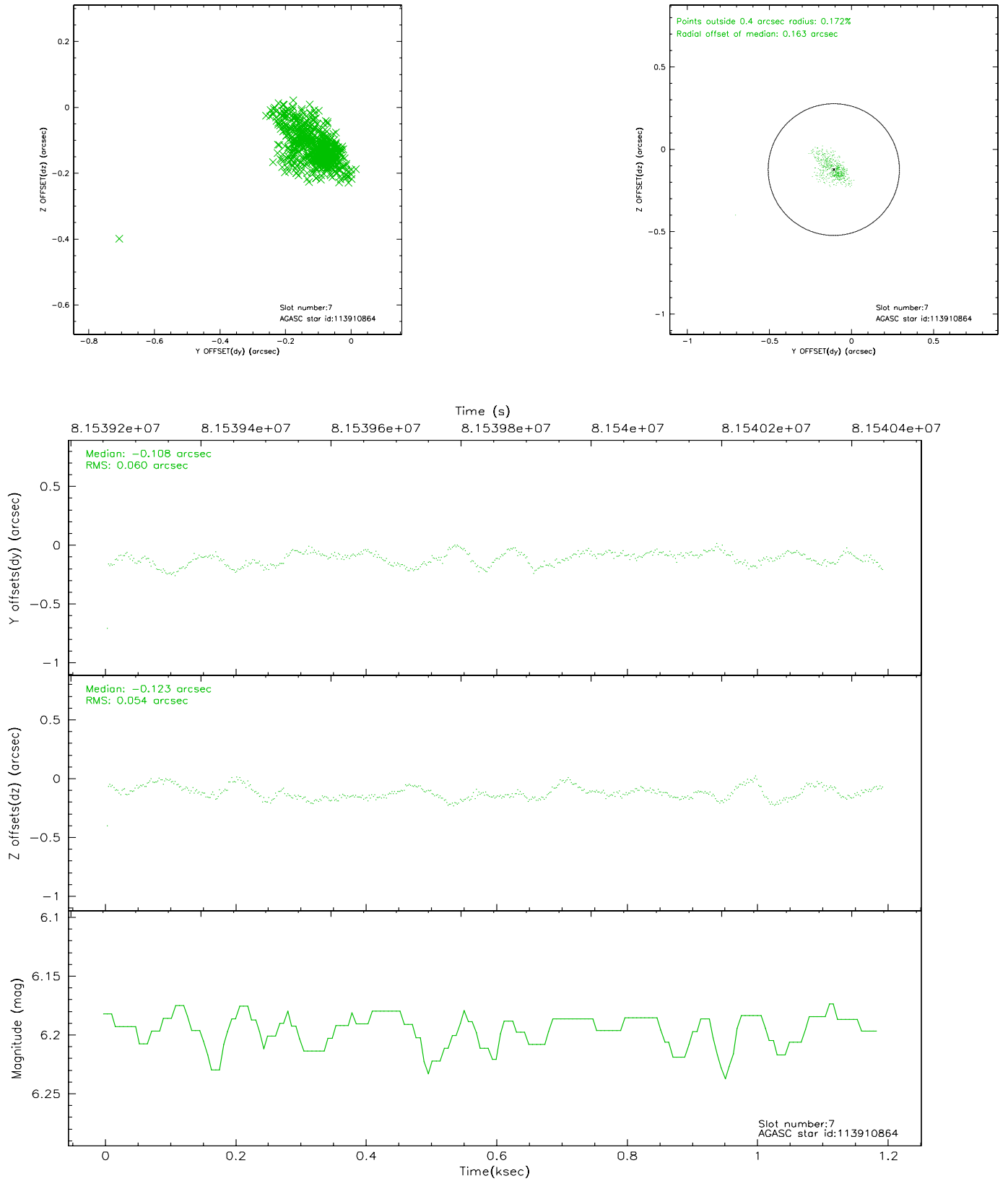
2.4.3 Slot 5



2.4.4 Slot 6

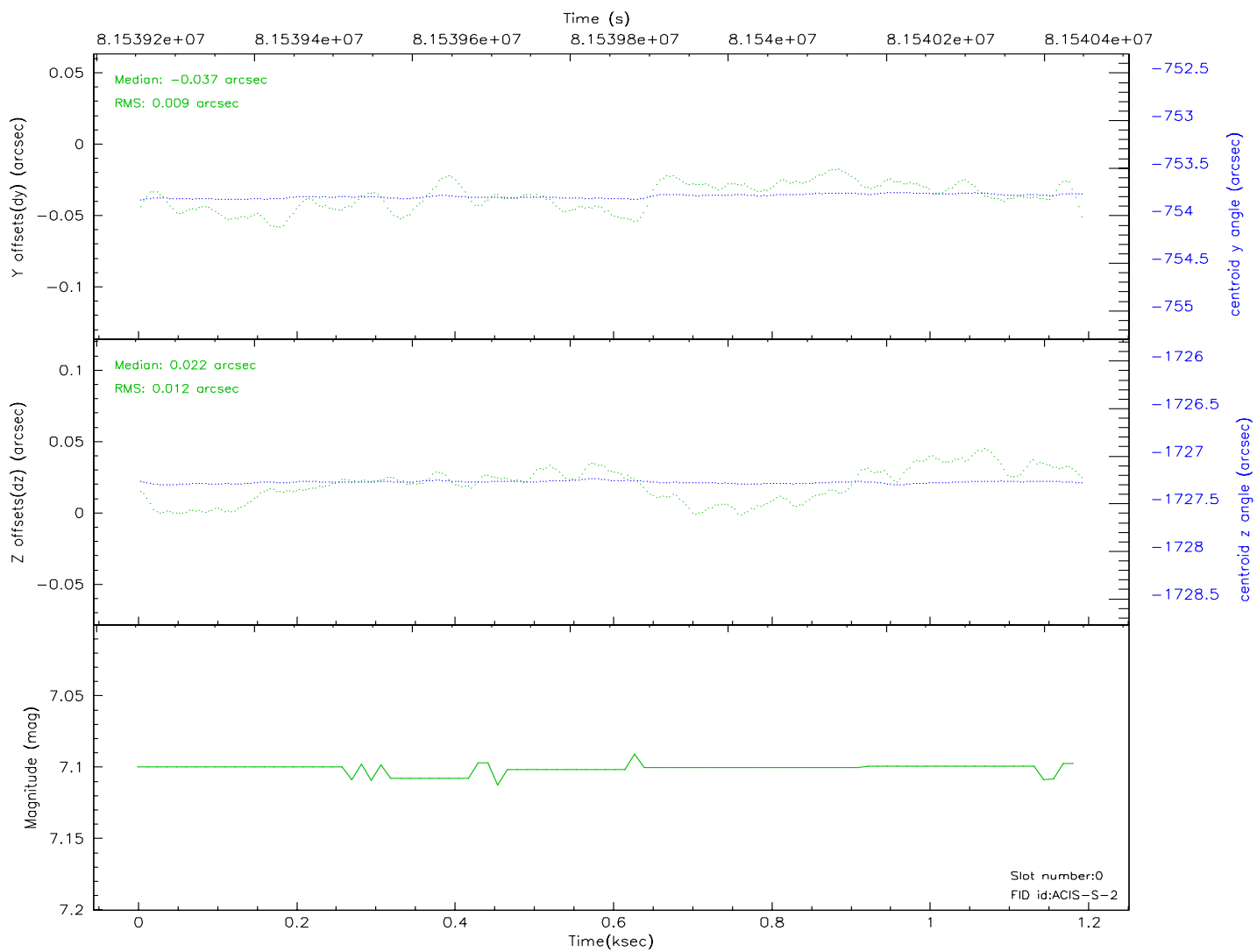
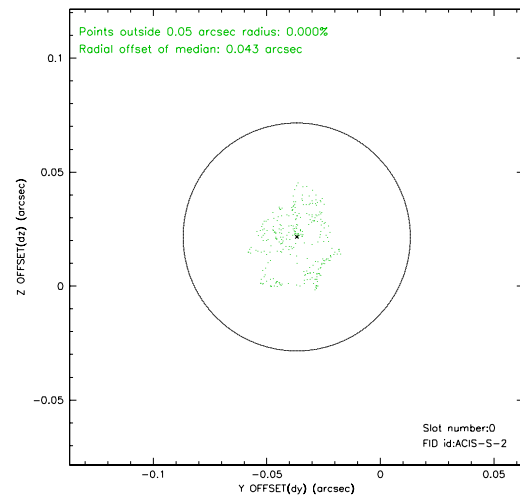
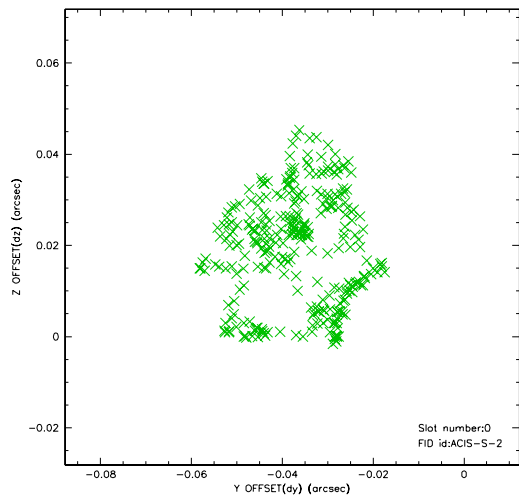


2.4.5 Slot 7

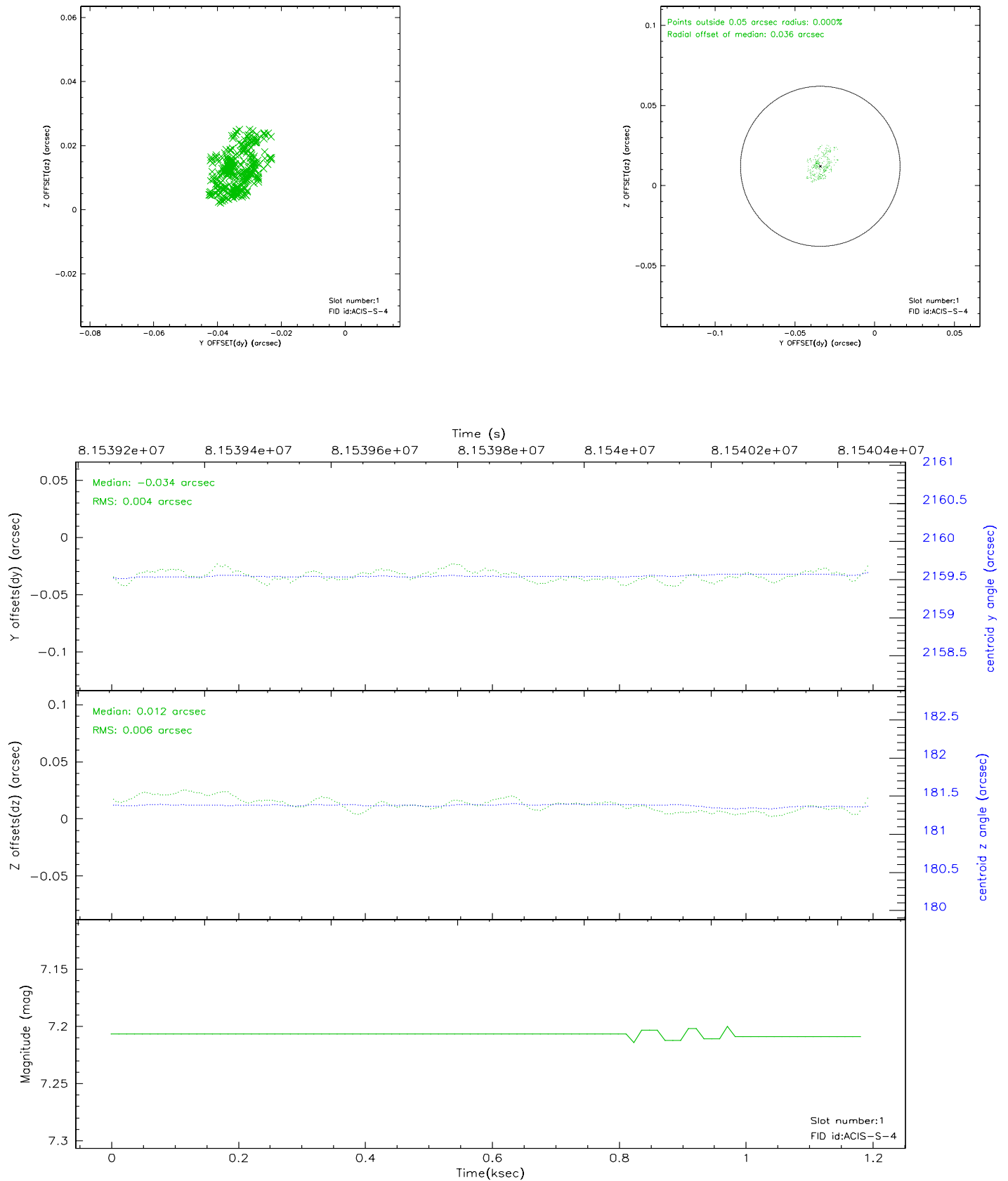


2.5 FID Slots

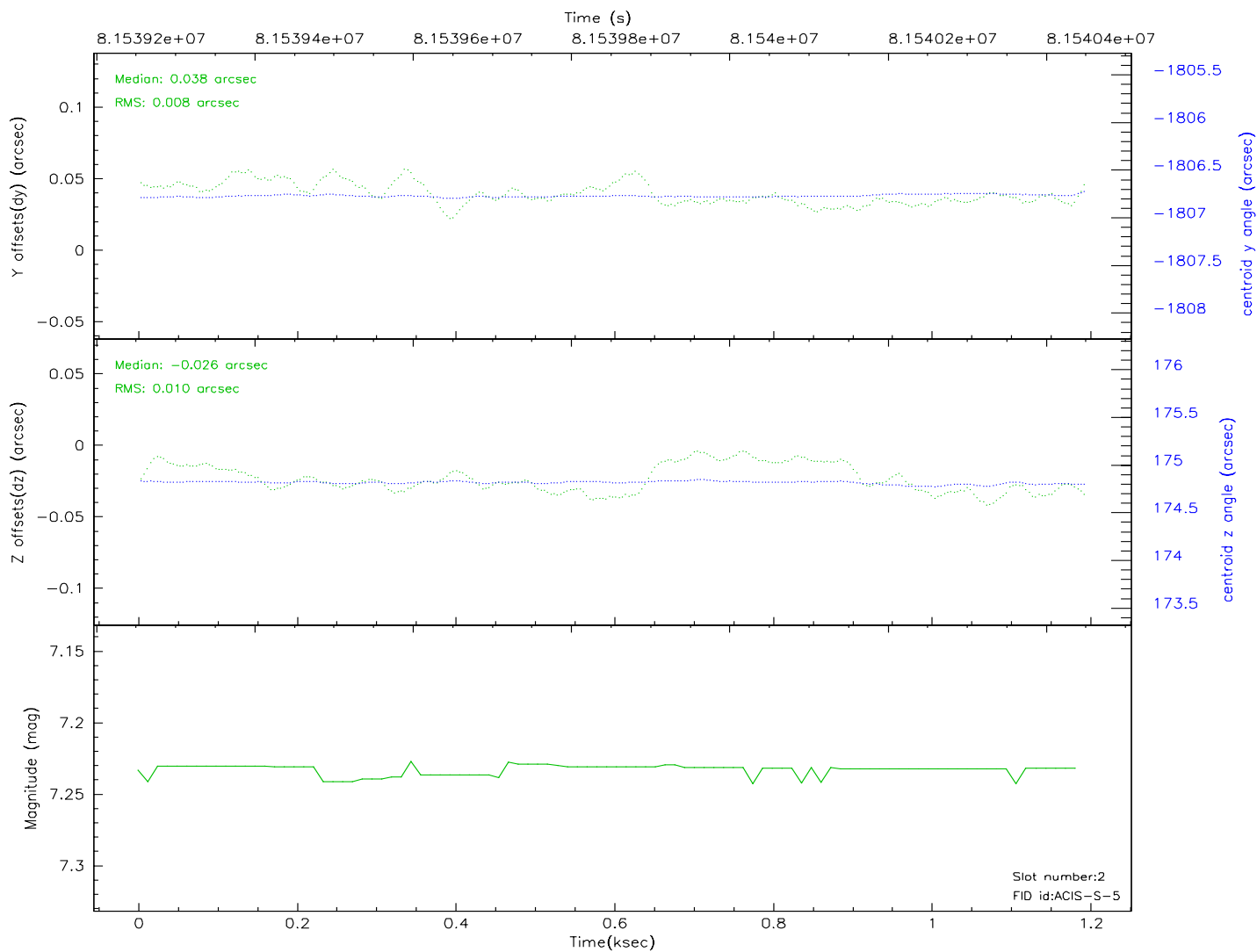
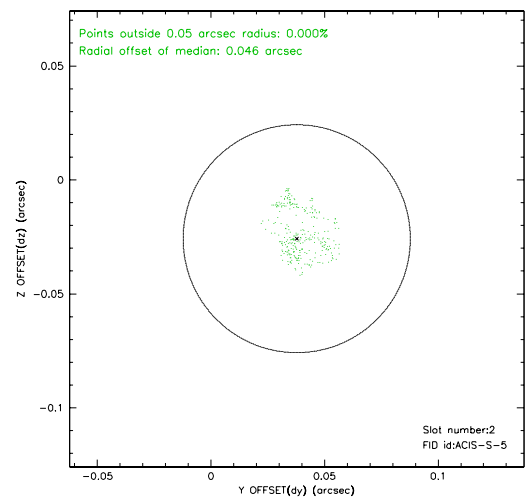
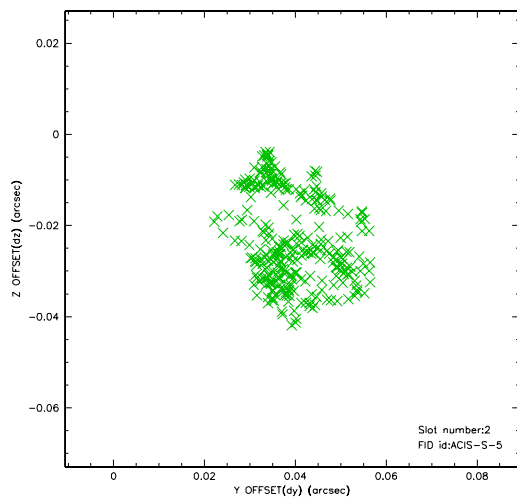
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.46 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments