

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1835 - L2 Version 001
Chandra X-Ray Center

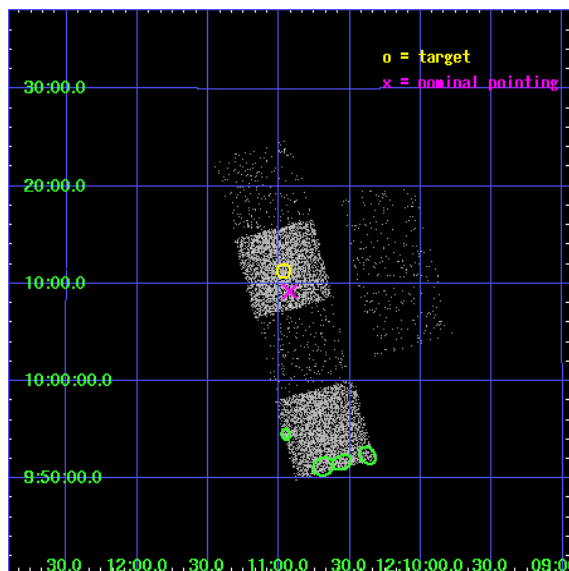
L2 Processing Date : Jun 1 2007

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1 Front

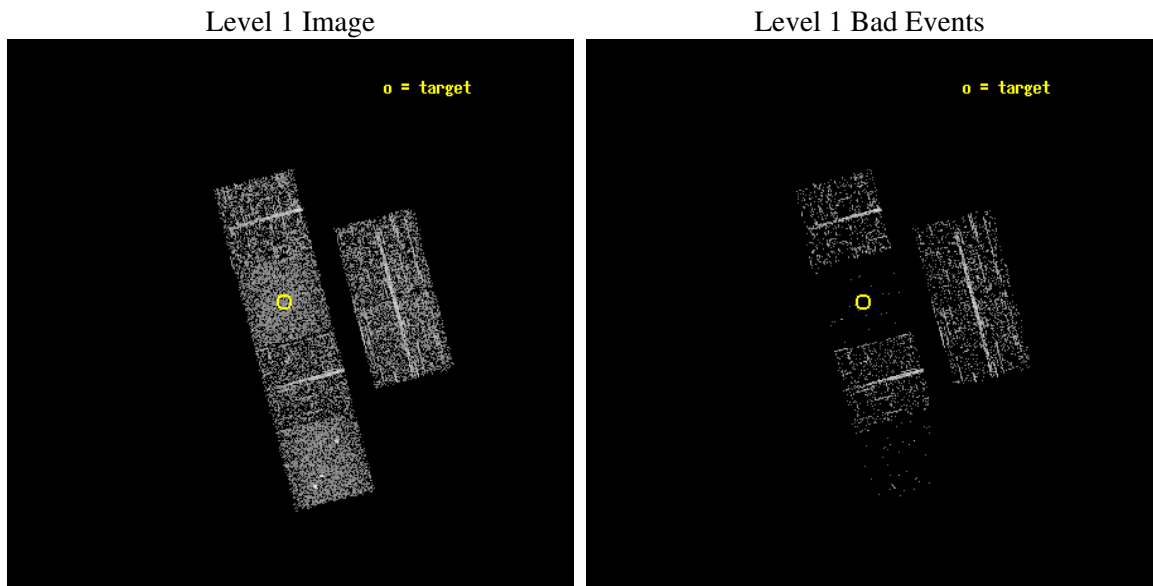
seq_num	100018
obs_id	1835
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.74248
dec_targ	10.18919
ra_nom	182.73083805759
dec_nom	10.153410108612
roll_nom	255.40854407618
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	9264



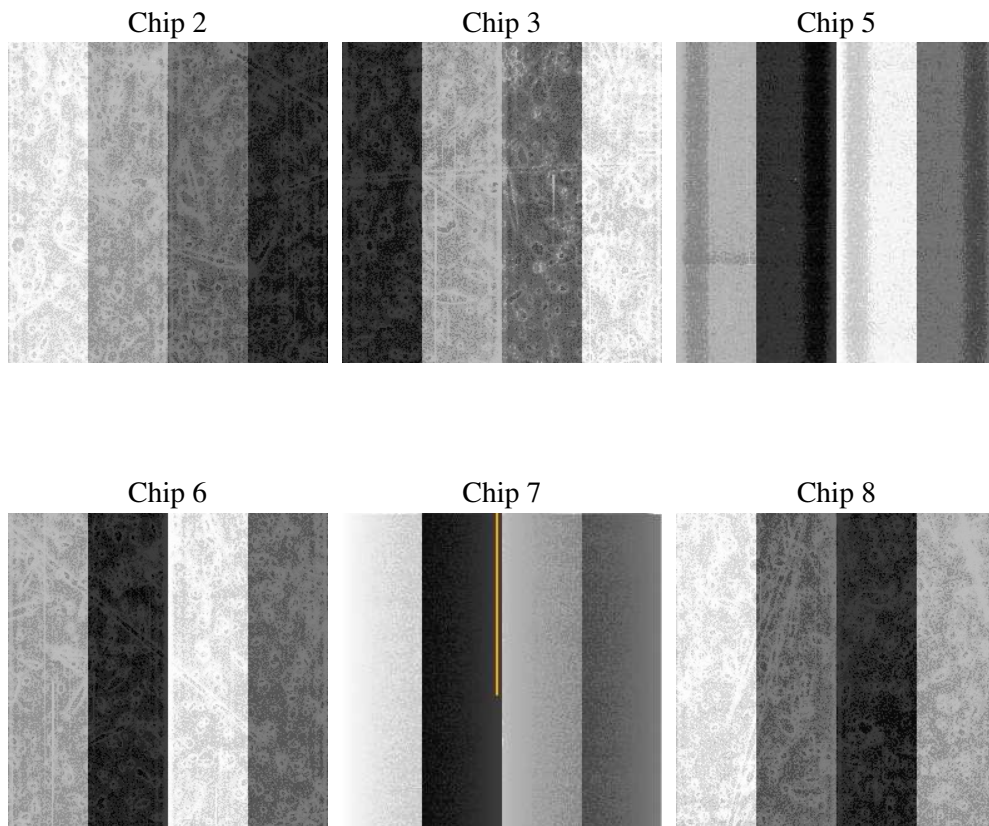
2 OBI

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	2007-06-01T05:41:52
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	36513

2.1.4 Events

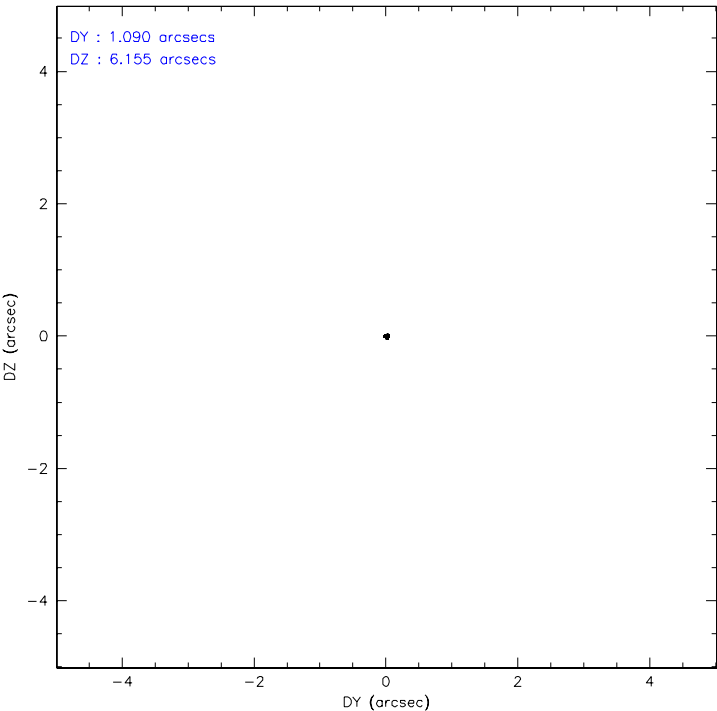
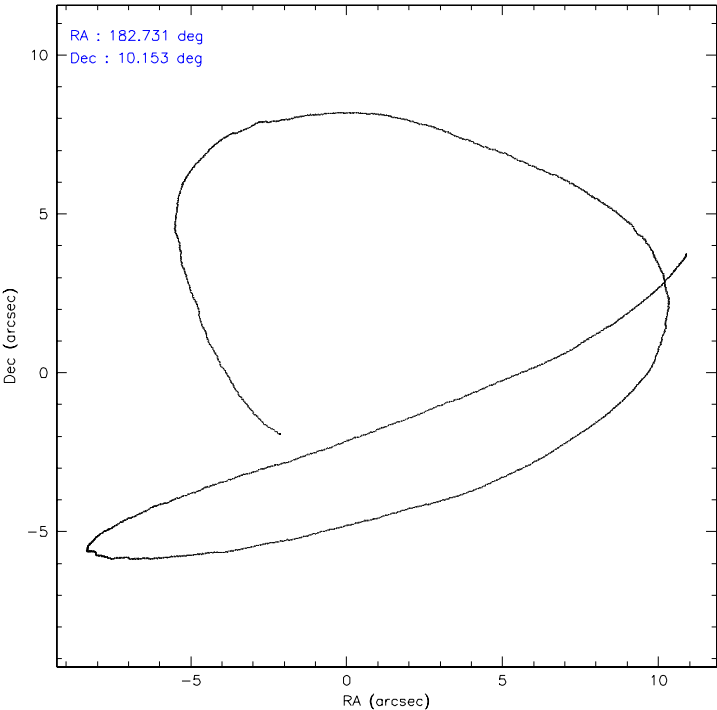
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6400	5951	7024	4823	6622	5693
rejected events	6141	5764	2357	4552	2225	4800
rejected %	95%	96%	33%	94%	33%	84%

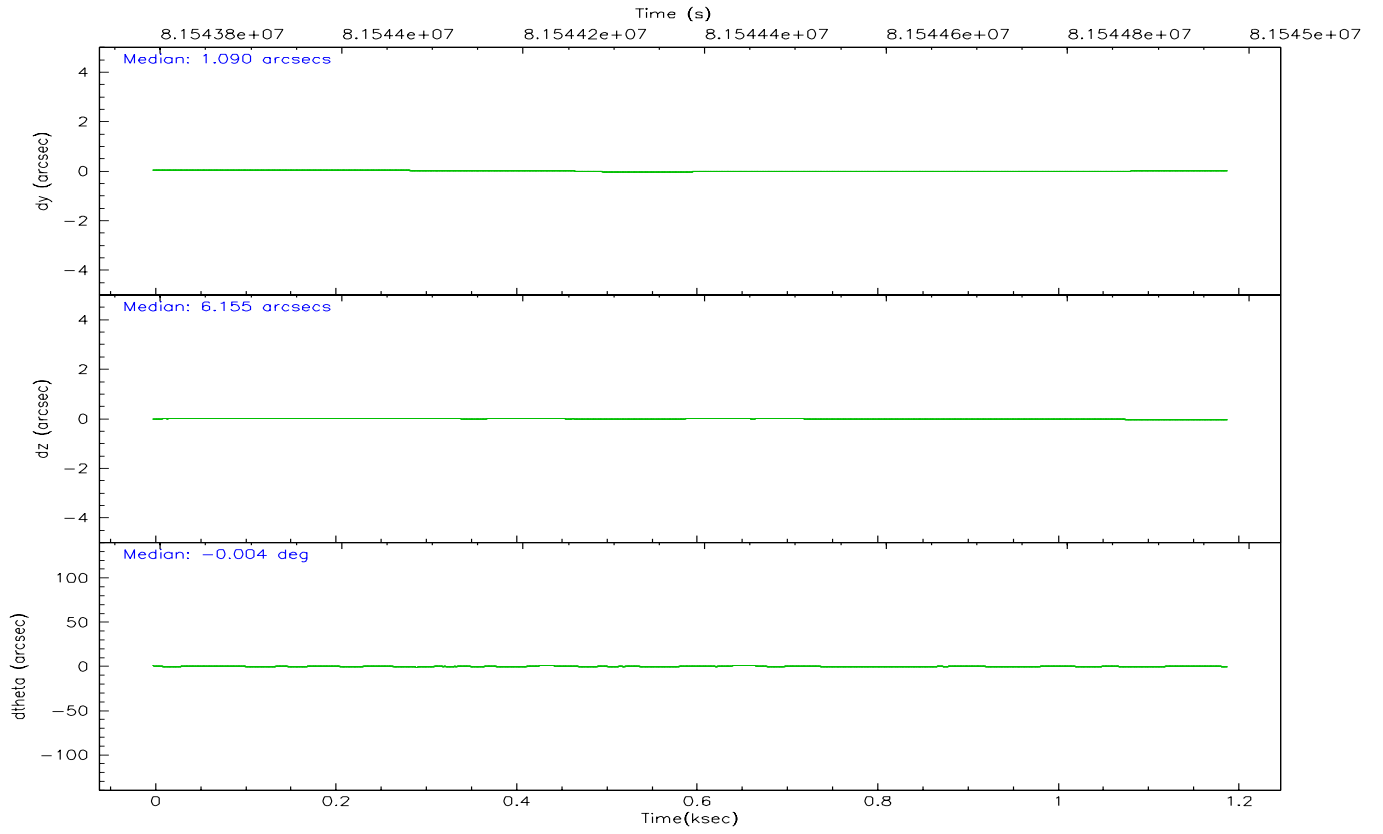
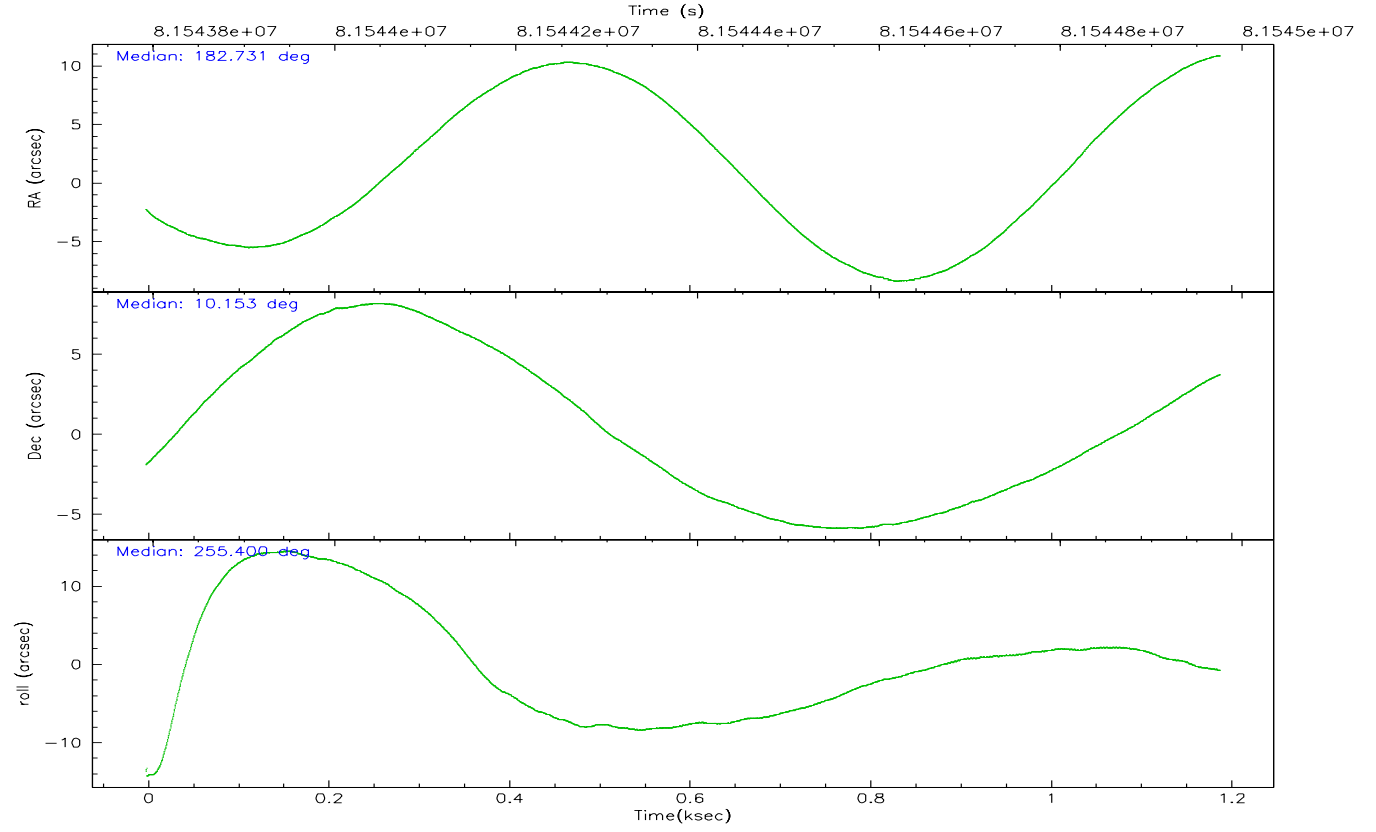
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	166	116	2864	214	2030	391
	2%	1%	40%	4%	30%	6%
grade 1 events	2	0	19	3	7	1
	0%	0%	0%	0%	0%	0%
grade 2 events	58	30	1821	47	1627	232
	0%	0%	25%	0%	24%	4%
grade 3 events	47	31	596	39	754	99
	0%	0%	8%	0%	11%	1%
grade 4 events	43	36	599	35	782	102
	0%	0%	8%	0%	11%	1%
grade 5 events	11	8	77	2	39	18
	0%	0%	1%	0%	0%	0%
grade 6 events	25	21	867	13	1276	321
	0%	0%	12%	0%	19%	5%
grade 7 events	6048	5709	181	4470	107	4529
	94%	95%	2%	92%	1%	79%

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	182.723460	182.7308380575868	Subarray requested	NONE	NONE
Pointing Dec	10.179642	10.15341010861166	Alternating exposures requested	N	N
Pointing Roll	255.253298	255.4085440761808	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	81543710.184000	81543604.10395201			
Observation start date	2000-08-01T19:00:46	2000-08-01T19:00:04			
Observation end time	81544980.184000	81545114.441508			
Observation end date	2000-08-01T19:21:56	2000-08-01T19:25:14			
Read mode	TIMED	TIMED			

2.3 Aspect



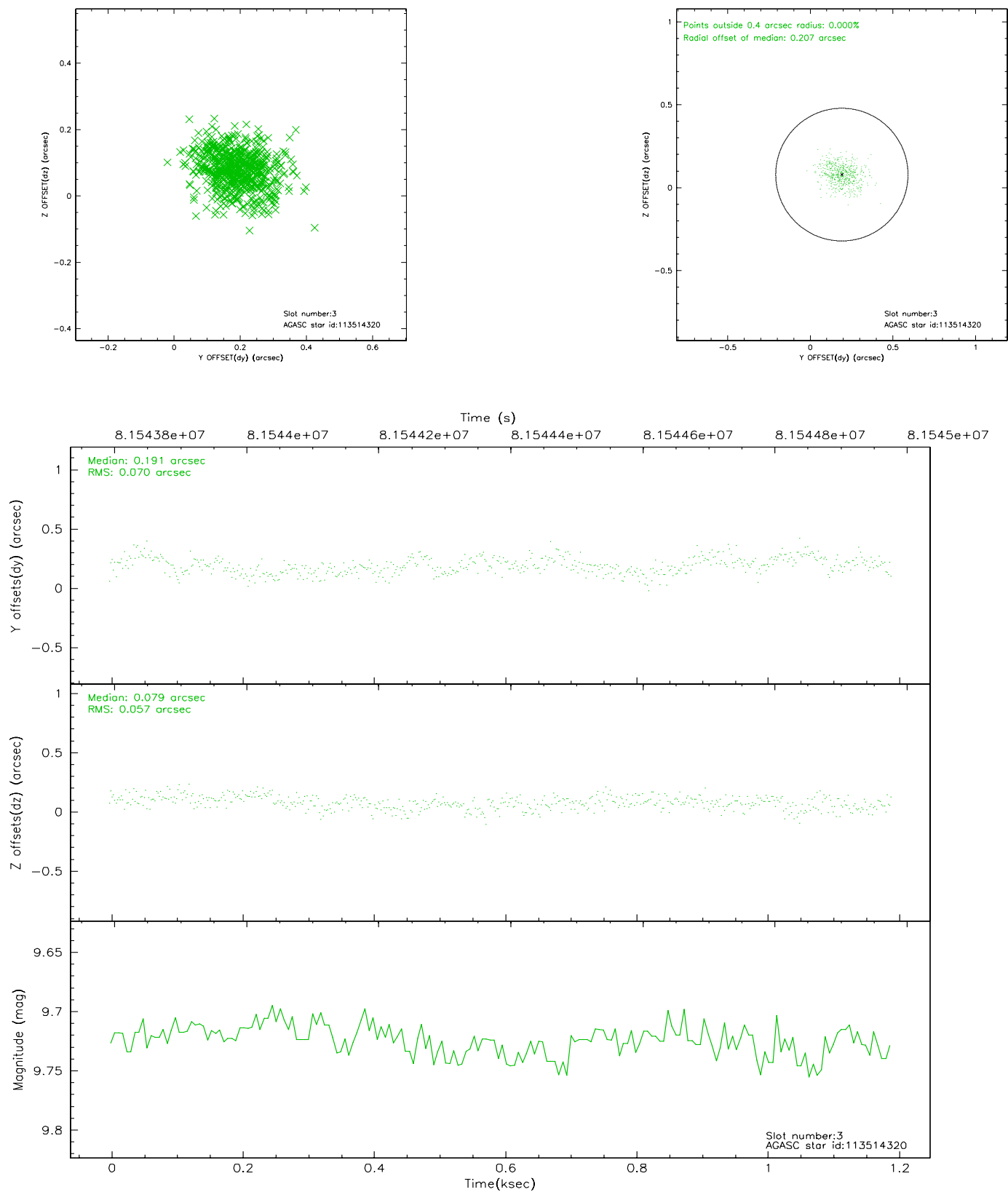


Slot Statistics

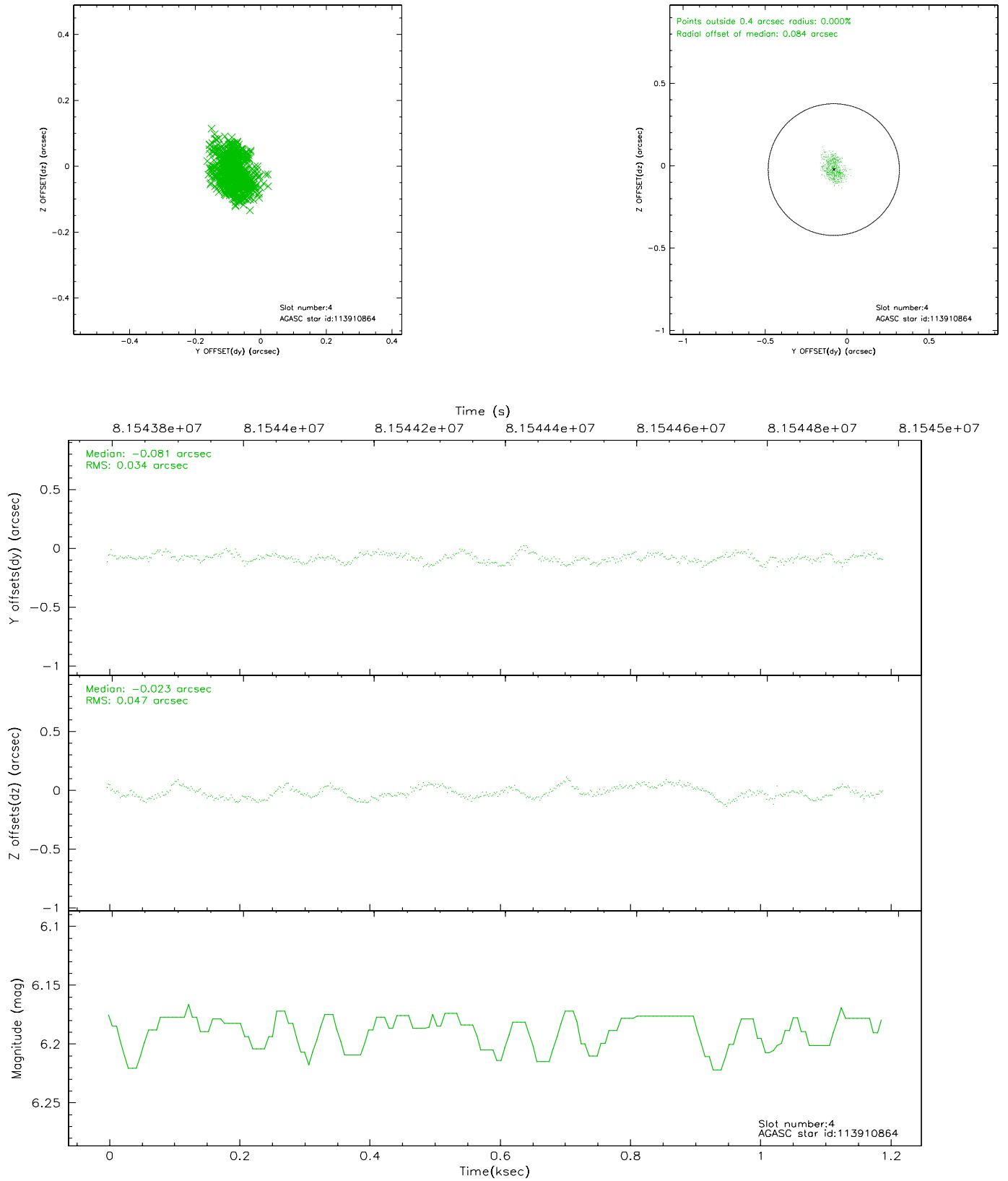
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	291	-0.032	0.021	0.006	0.010	0.000000	0.000000	-753.71	-1727.22
1	FID	ACIS-S-4	7.21	291	-0.033	0.010	0.005	0.009	0.000000	0.000000	2157.03	175.49
2	FID	ACIS-S-5	7.23	291	0.034	-0.023	0.006	0.009	0.000000	0.000000	-1799.29	175.47
3	GUIDE	113514320	9.72	582	0.191	0.079	0.096	0.155	183.030216	9.556614	1892.52	1624.26
4	GUIDE	113910864	6.19	582	-0.081	-0.023	0.063	0.095	183.358076	10.262342	-858.25	2100.18
5	GUIDE	113905264	10.19	582	-0.023	-0.120	0.115	0.190	182.445692	10.343633	-321.09	-1098.36
6	GUIDE	113910808	10.22	579	-0.042	0.101	0.130	0.221	183.289541	10.594003	-1953.90	1554.88
7	GUIDE	113909720	7.53	580	-0.040	-0.054	0.081	0.125	183.372953	10.041634	-110.25	2355.00

2.4 Star Slots

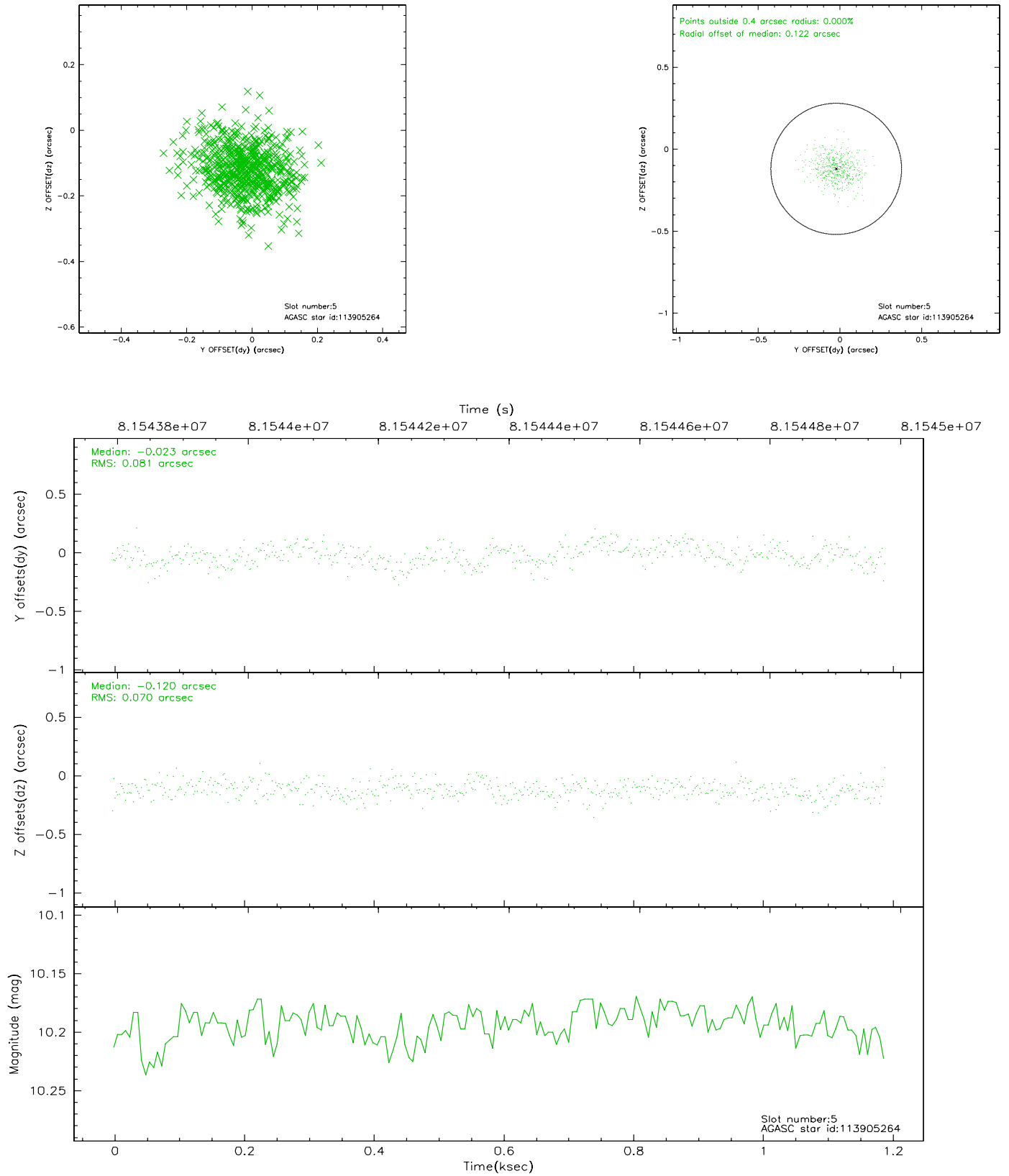
2.4.1 Slot 3



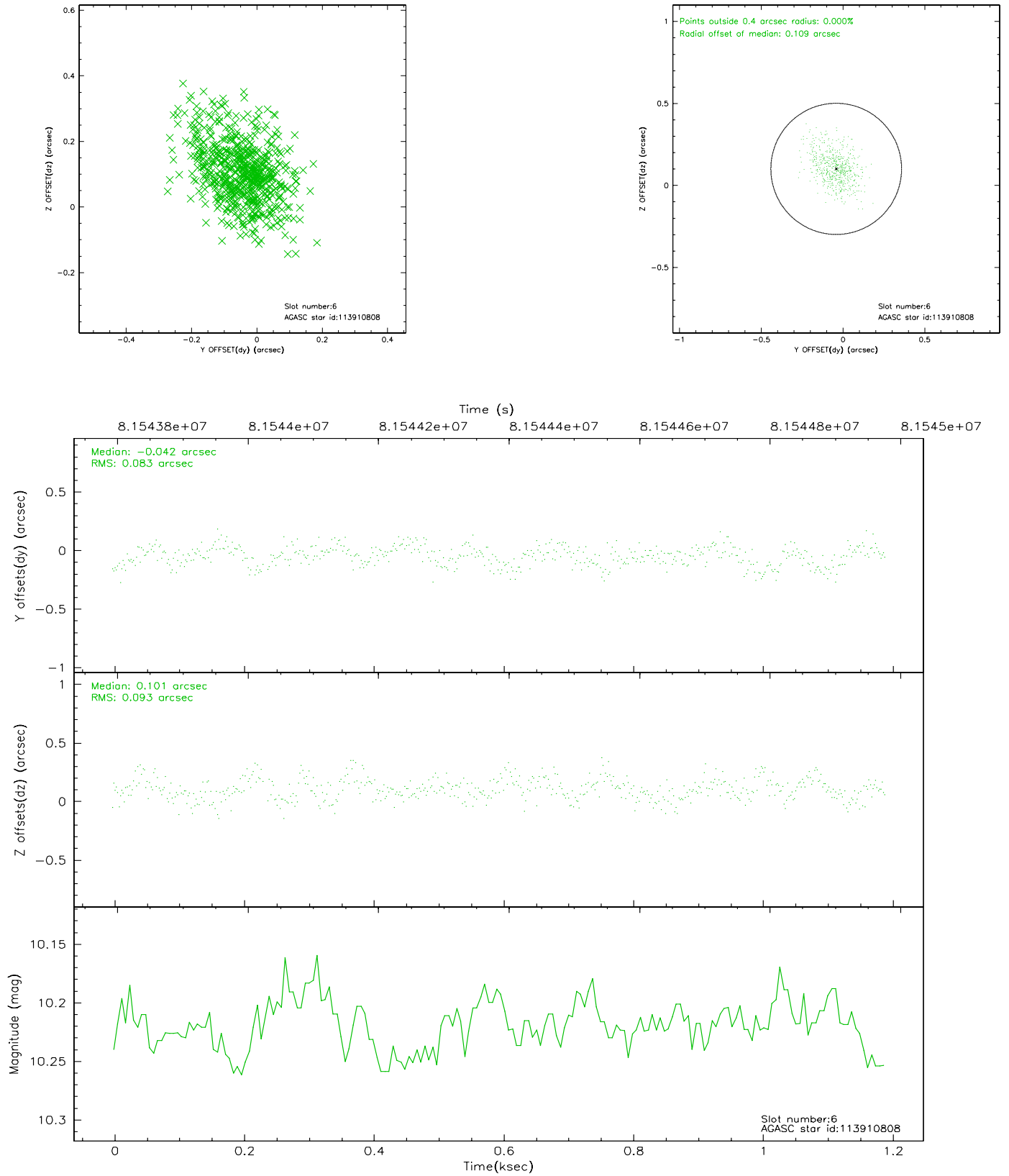
2.4.2 Slot 4



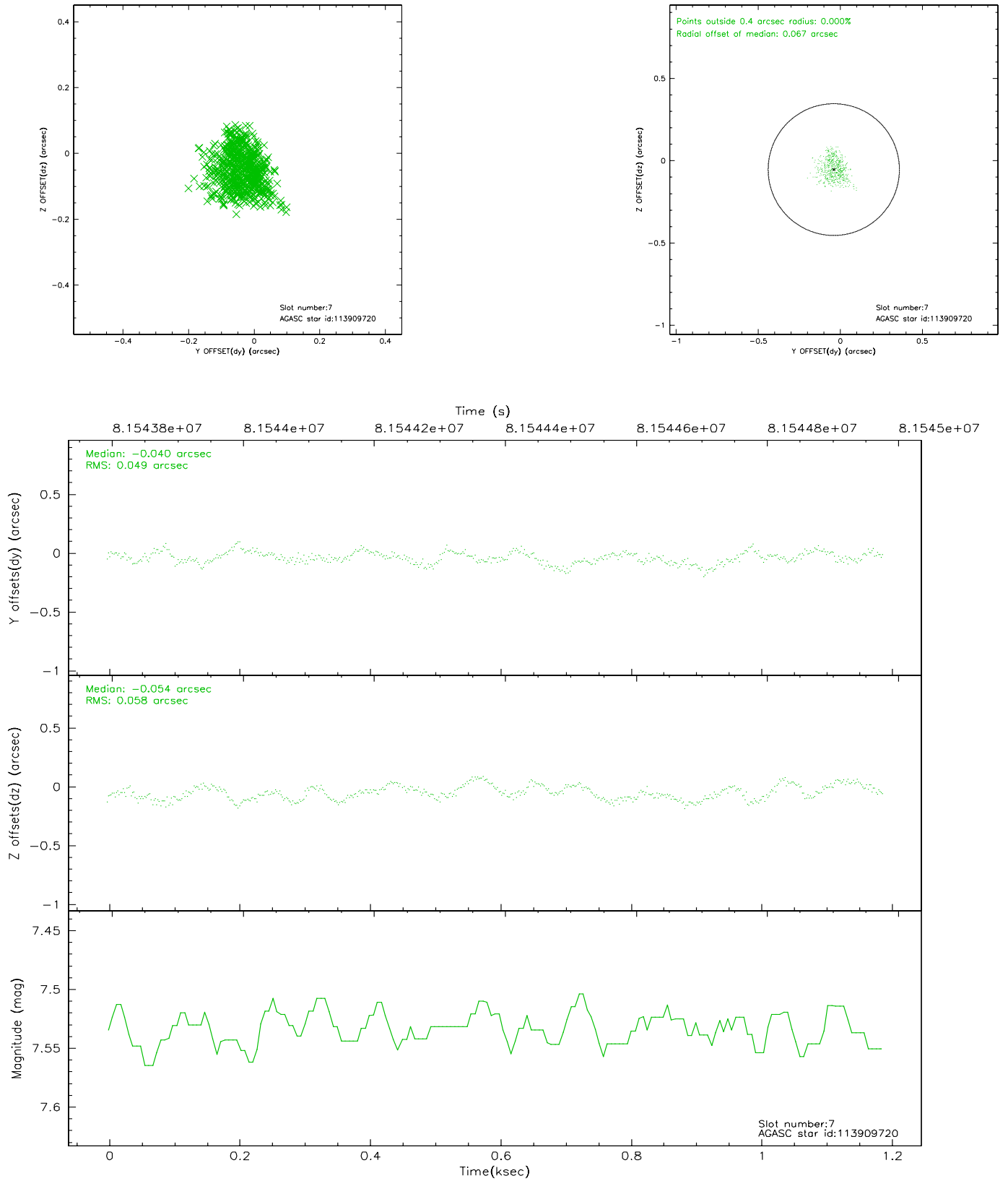
2.4.3 Slot 5



2.4.4 Slot 6

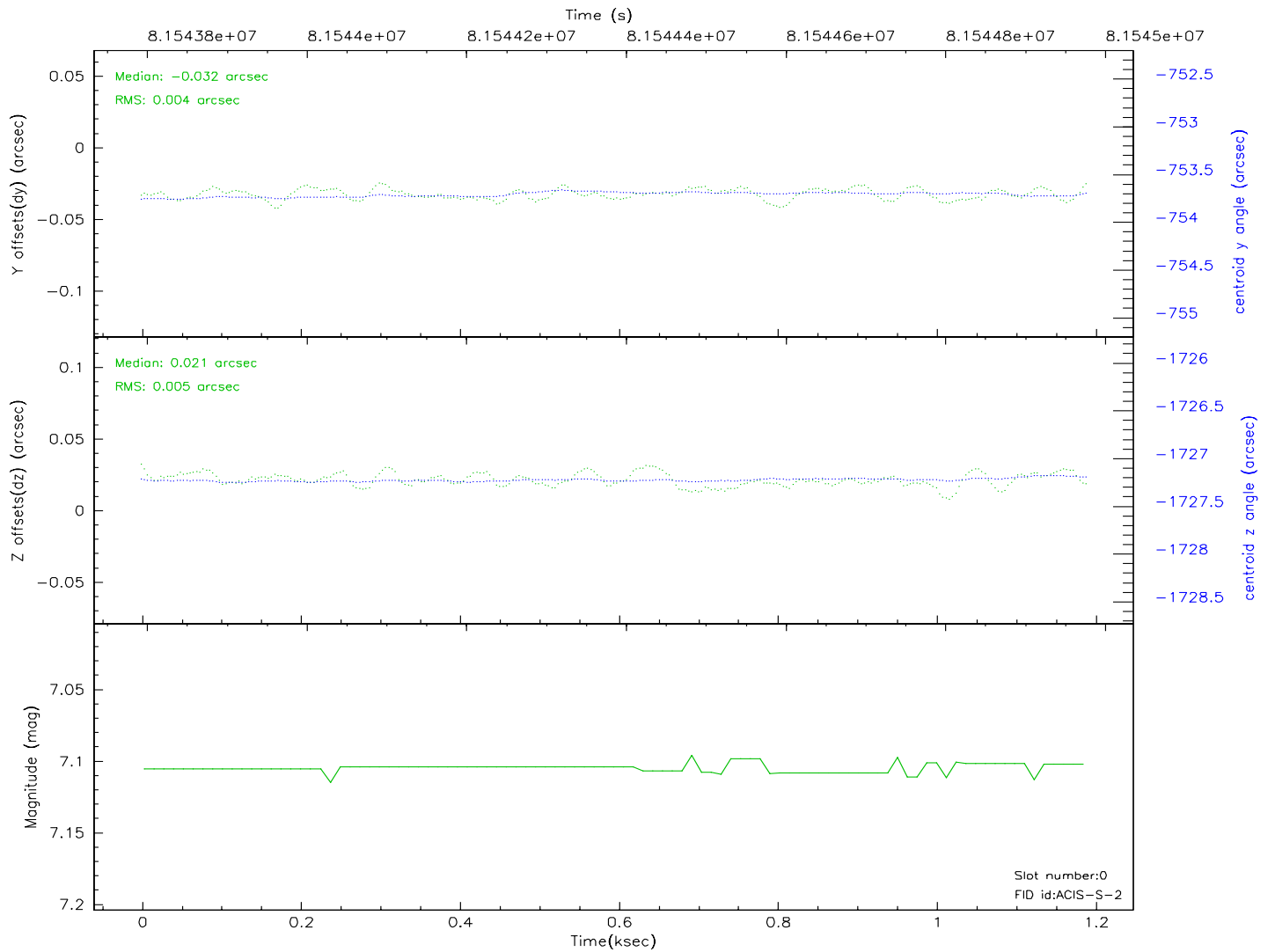
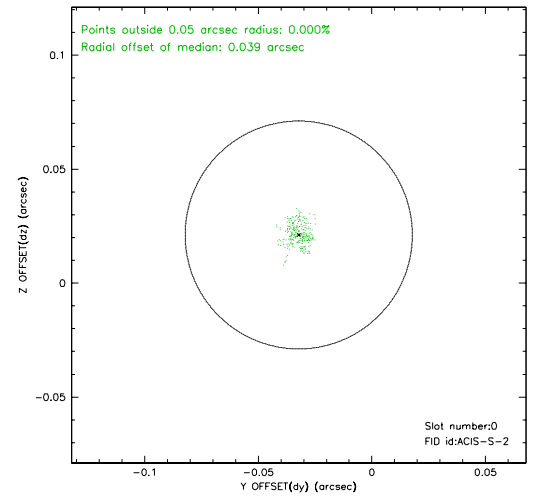
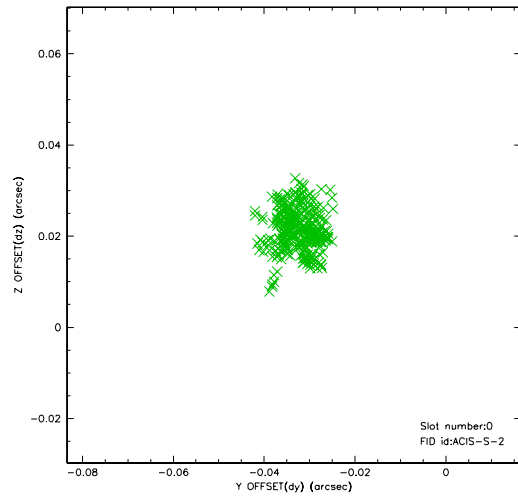


2.4.5 Slot 7

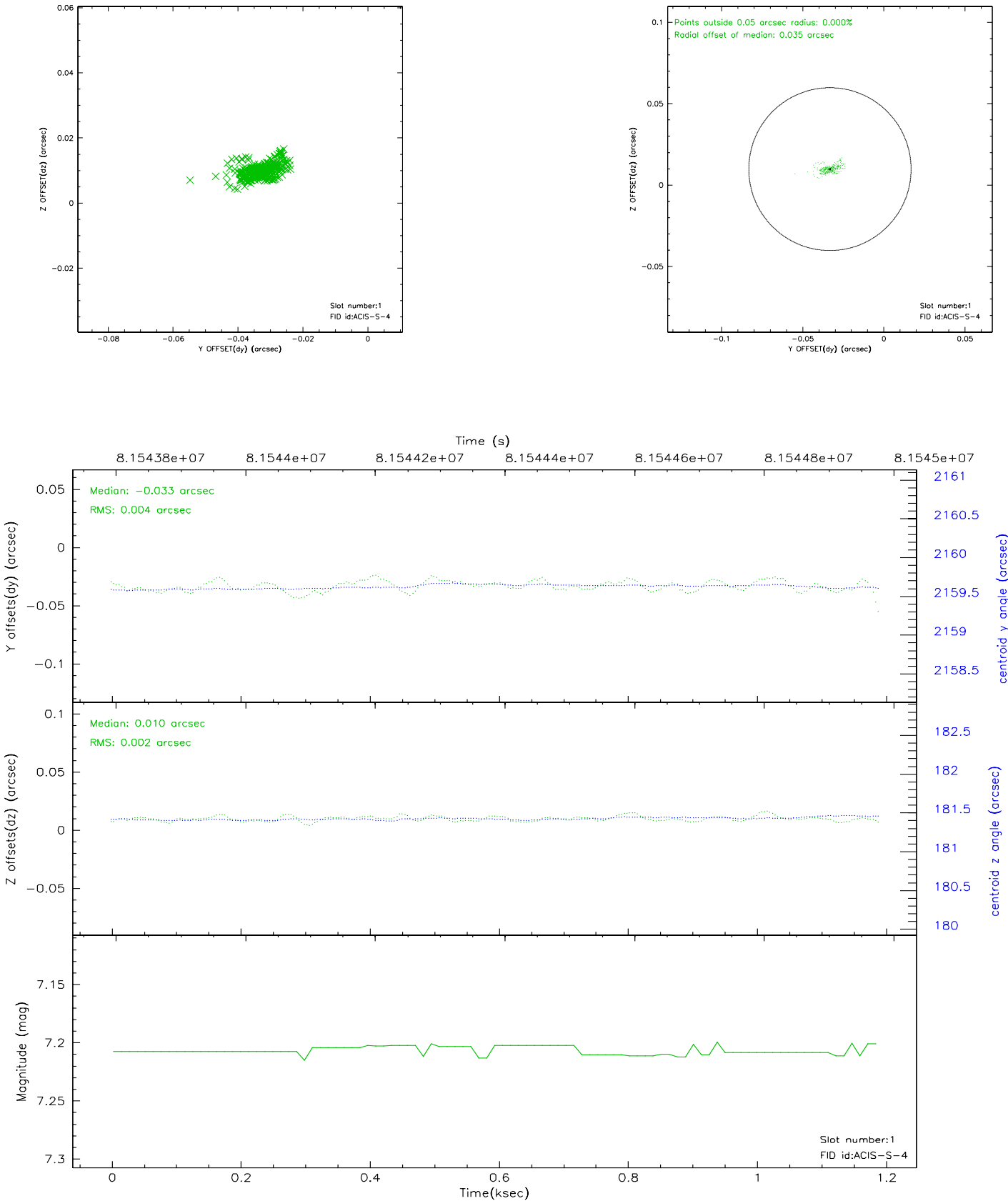


2.5 FID Slots

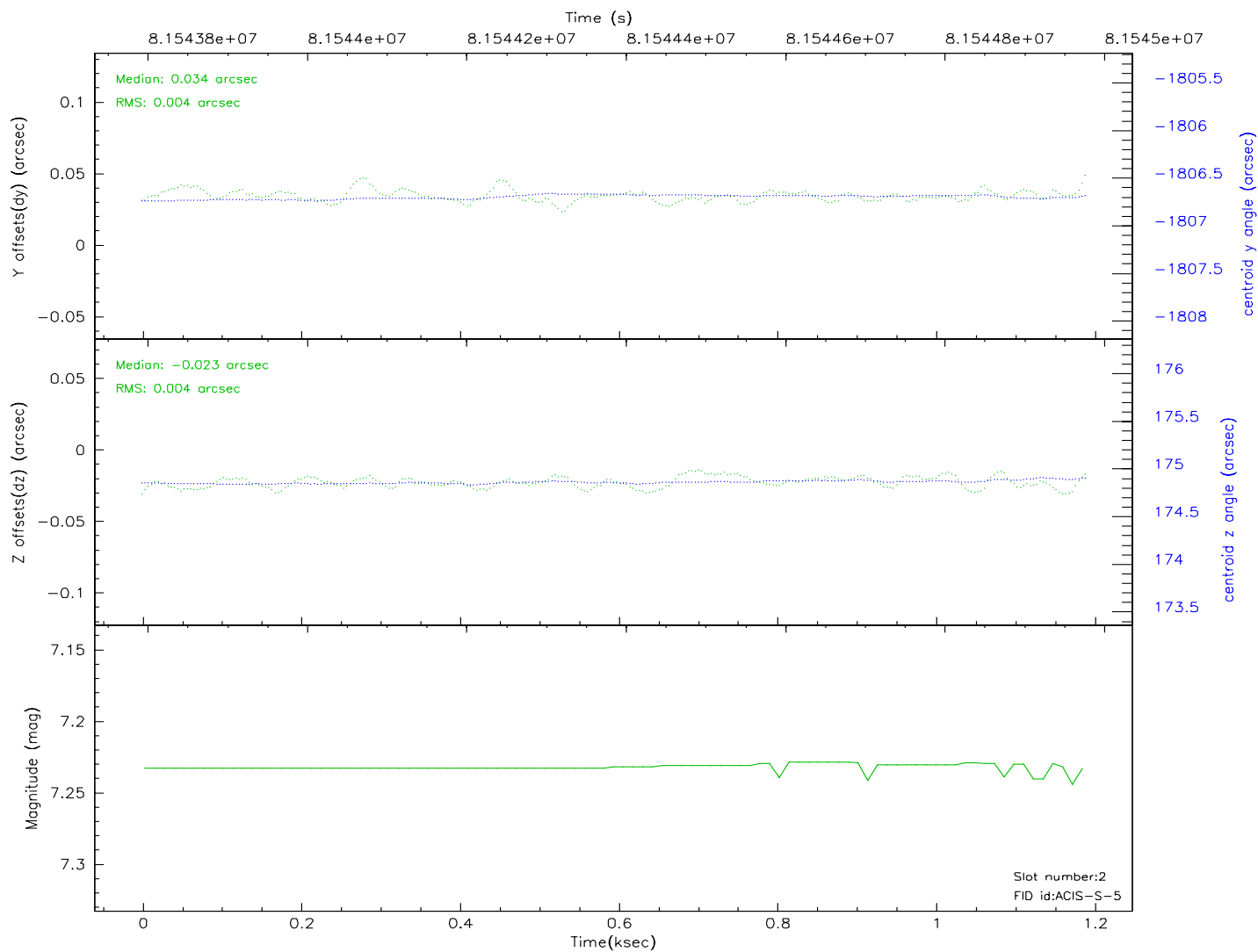
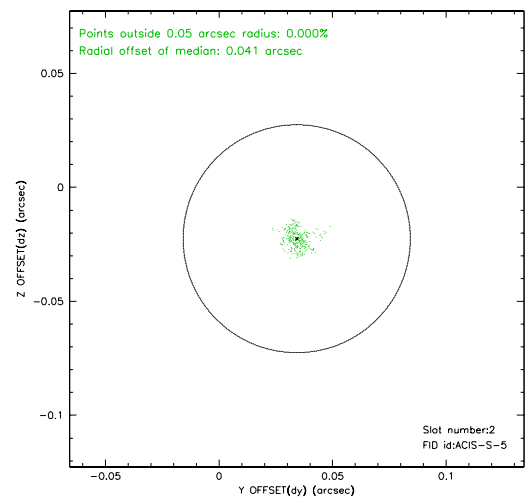
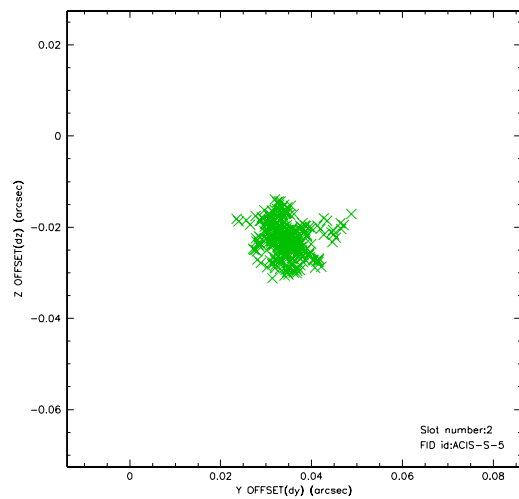
2.5.1 Slot 0



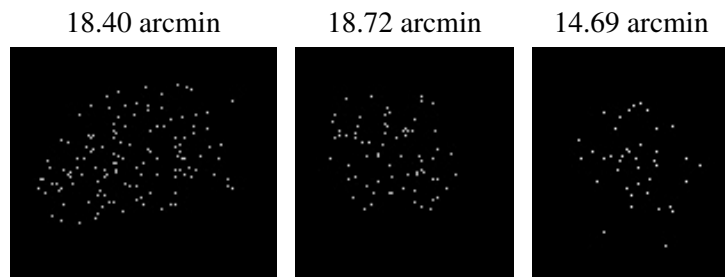
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

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

A.2 Comments