

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4486 - L2 Version 001
Chandra X-Ray Center

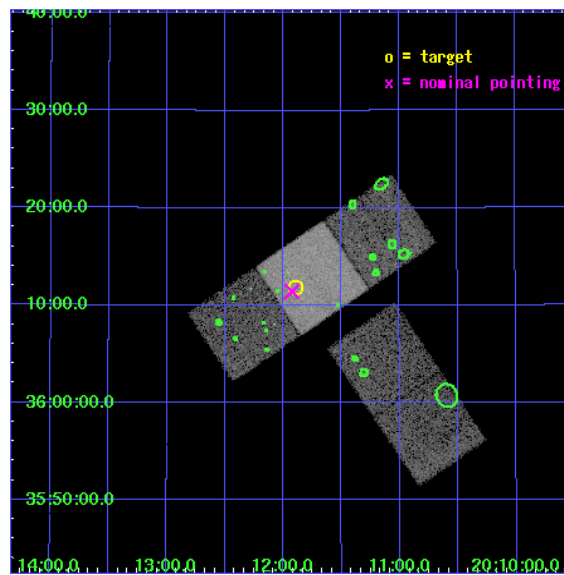
L2 Processing Date : Jun 22 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

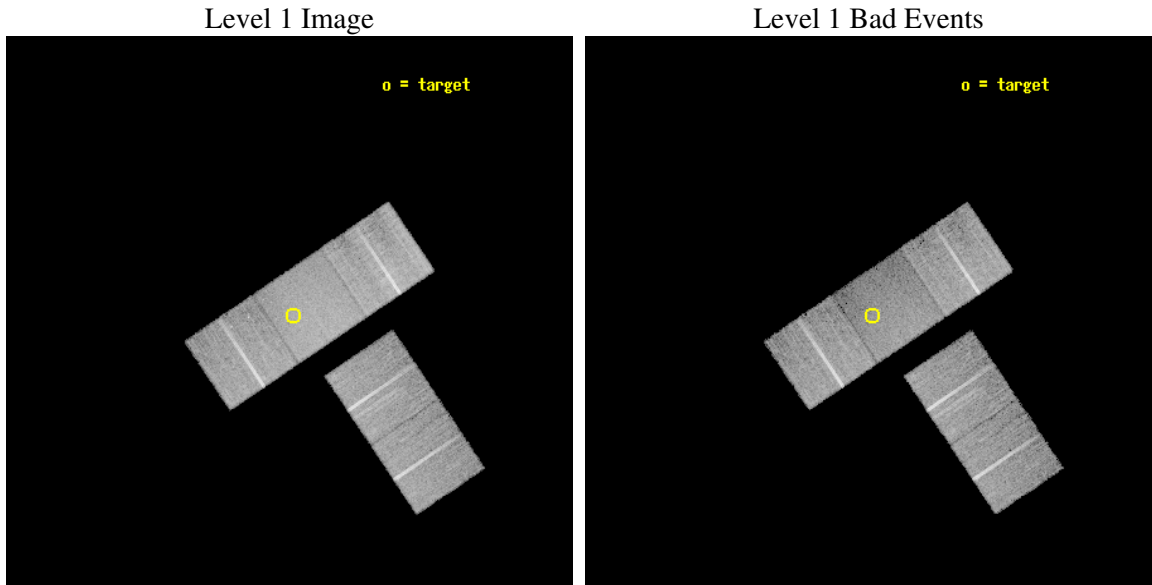
seq_num	200255
obs_id	4486
title	Do Carbon-rich Wolf-Rayet Stars Emit X-rays ?
observer	Dr. Svetozar Zhekov
object	WR 135
dtcycle	0
cycle	P
ra_targ	302.972917
dec_targ	36.197361
ra_nom	302.9814972211
dec_nom	36.190646464742
roll_nom	326.00075041792
revision	2
ontime	20174.799961209
livetime	19911.201347244
ontime1	20174.799961209
ontime3	20174.799961209
ontime6	20171.659000963
ontime7	20174.799961209
ontime8	20174.799961209
l2events	93268



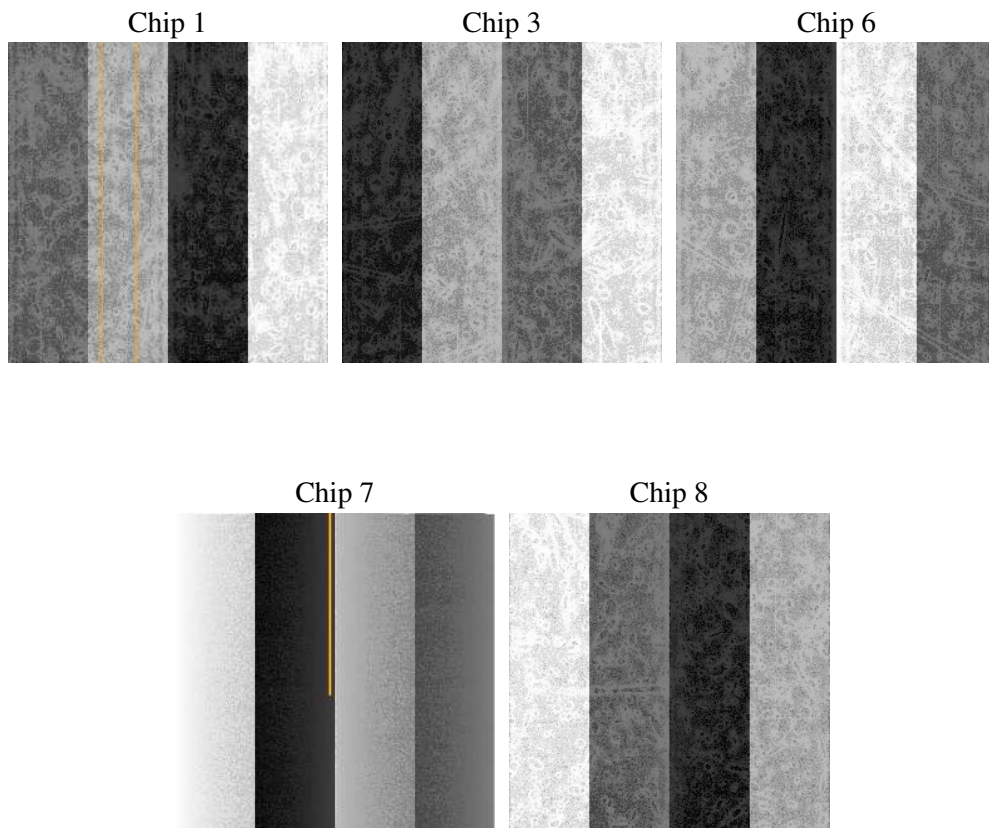
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-22T05:24:17
revision	2

sched_exp_time	20000.000000
ontime	20243.755750209
ontime1	20243.755750209
ontime3	20243.755720317
ontime6	20240.614760071
ontime7	20243.755750209
ontime8	20243.755720317
l1events	560563

2.1.4 Events

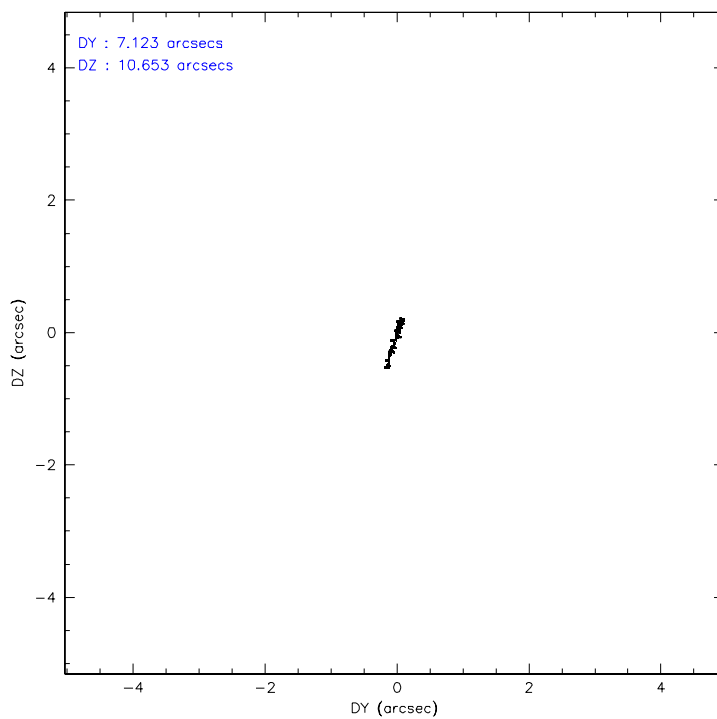
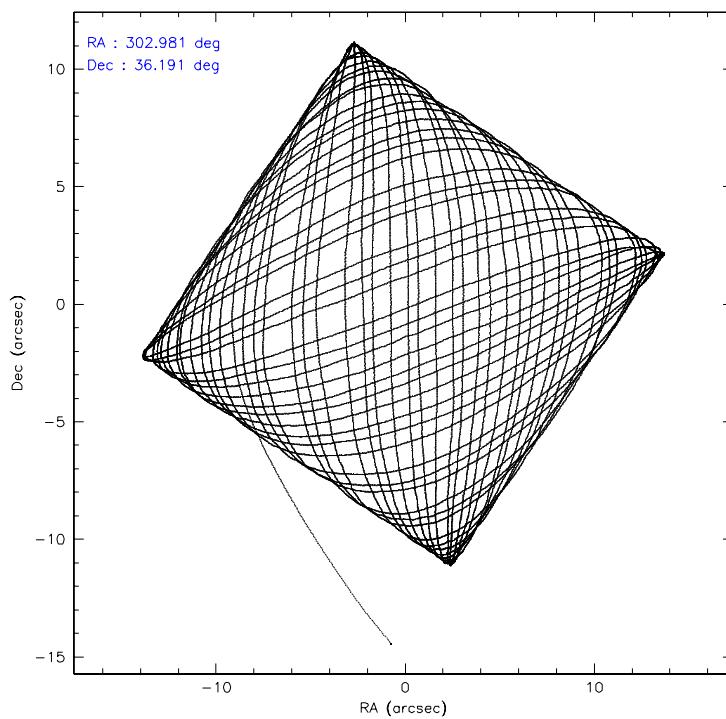
	ccd 1	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	96250	103022	108820	119446	133025
rejected events	83938	92323	96366	67960	102219
rejected %	87%	89%	88%	56%	76%

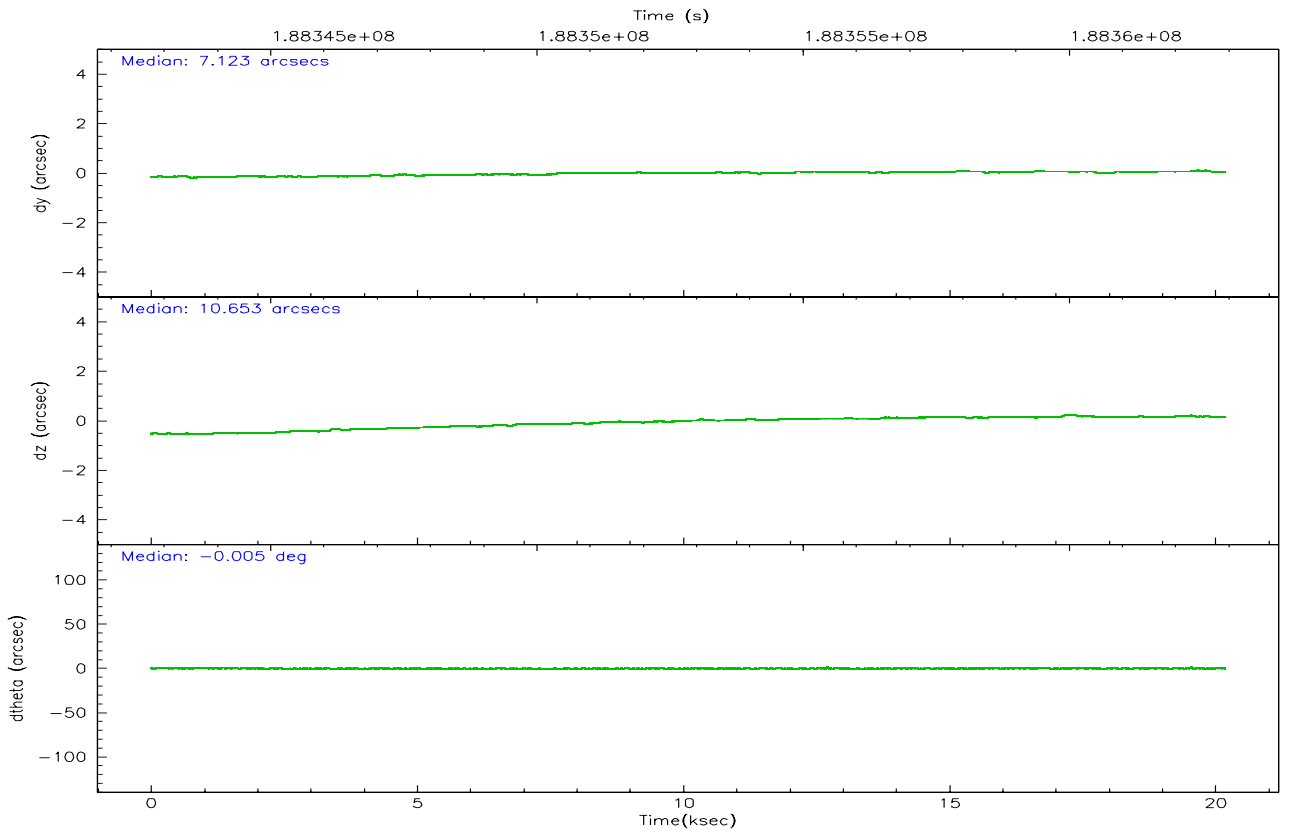
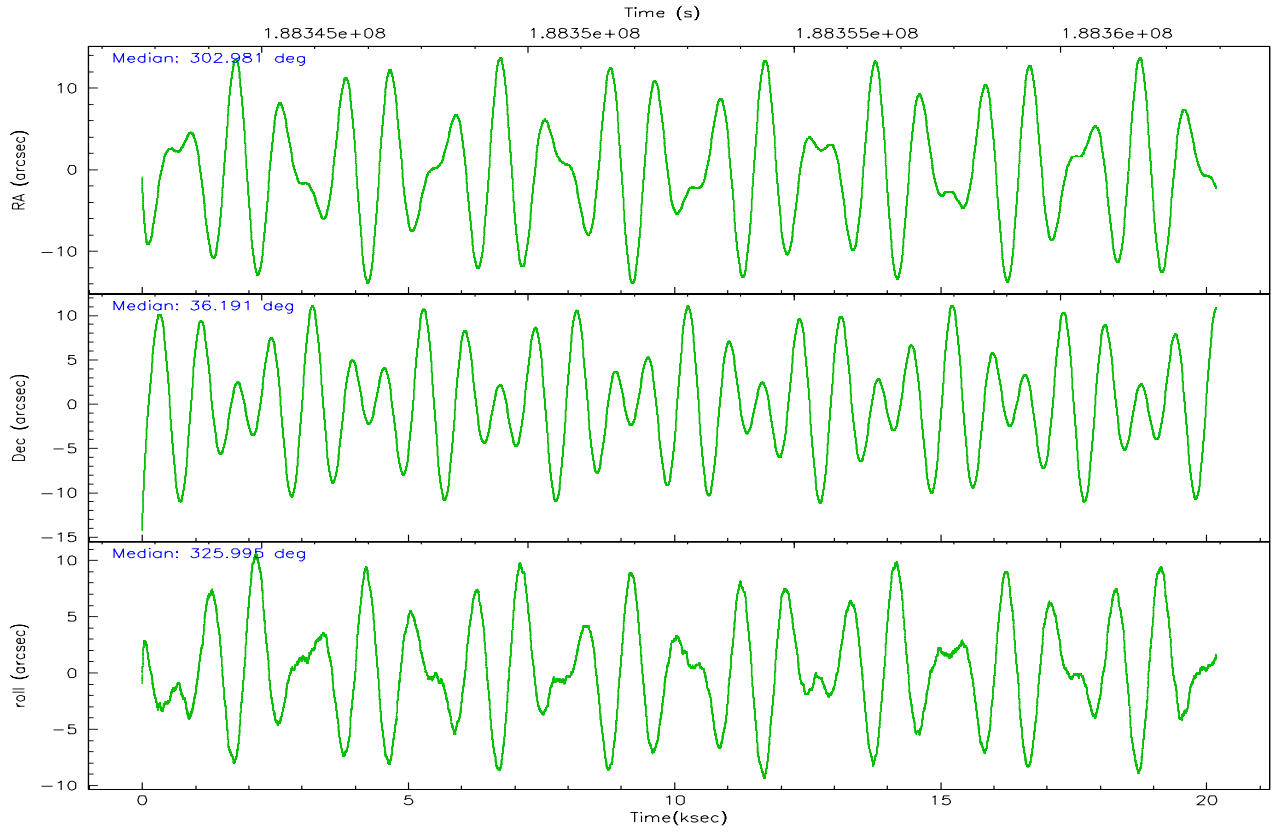
	ccd 1	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	4893	4220	5191	3803	10002
	5%	4%	4%	3%	7%
grade 1 events	47	43	53	57	101
	0%	0%	0%	0%	0%
grade 2 events	2512	2165	2435	12833	6661
	2%	2%	2%	10%	5%
grade 3 events	1342	1159	1231	3214	3262
	1%	1%	1%	2%	2%
grade 4 events	1372	1146	1278	3107	3083
	1%	1%	1%	2%	2%
grade 5 events	3899	4117	4320	9130	5895
	4%	3%	3%	7%	4%
grade 6 events	2236	2038	2362	28686	7895
	2%	1%	2%	24%	5%
grade 7 events	79949	88134	91950	58616	96126
	83%	85%	84%	49%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-13678	ACIS-13678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	302.947830	302.9814972211014	Alternating exposures requested	N	N
Pointing Dec	36.192153	36.19064646474187	Primary exposure time	0.000000	3.1
Pointing Roll	325.864004	326.0007504179196			
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	188342928.184000	188341768.60619			
Observation start date	2003-12-20T21:27:44	2003-12-20T21:09:28			
Observation end time	188362928.184000	188363664.14464			
Observation end date	2003-12-21T03:01:04	2003-12-21T03:14:24			
Read mode	TIMED	TIMED			

2.3 Aspect



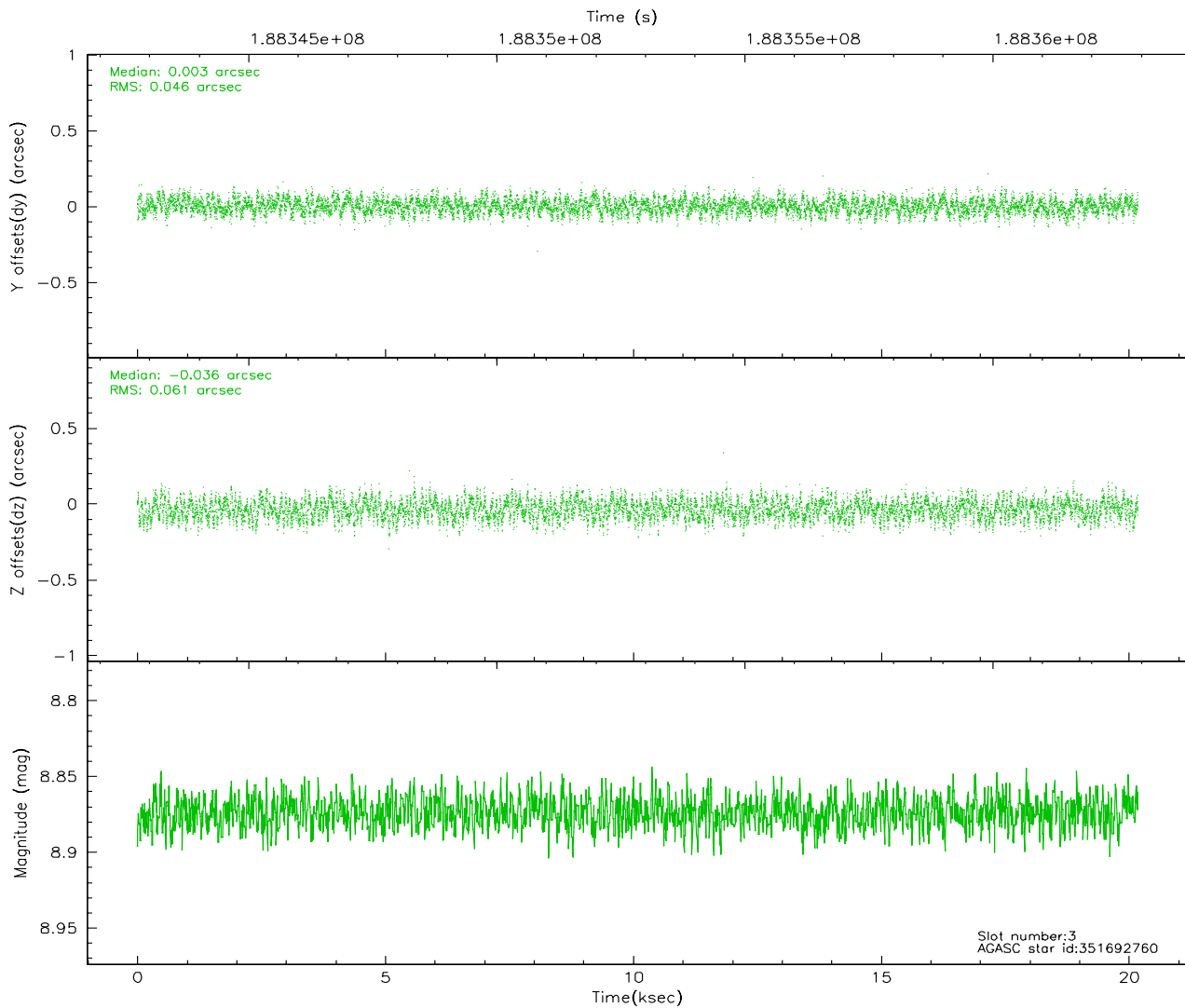
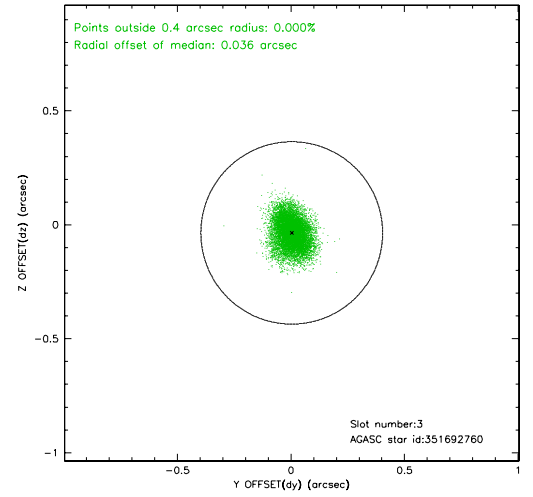
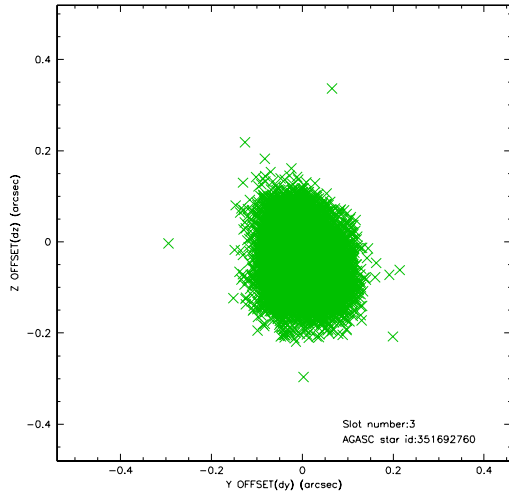


Slot Statistics

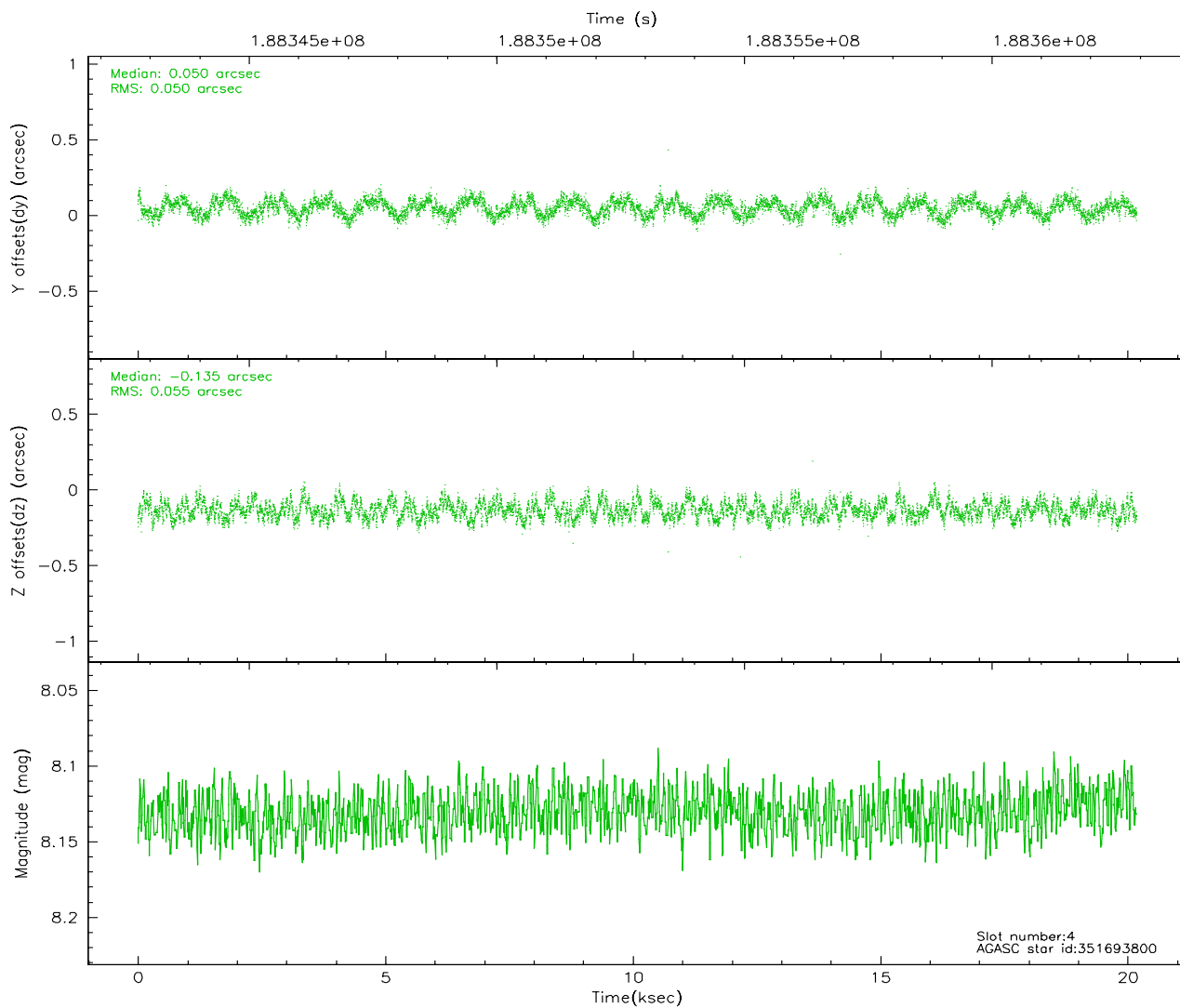
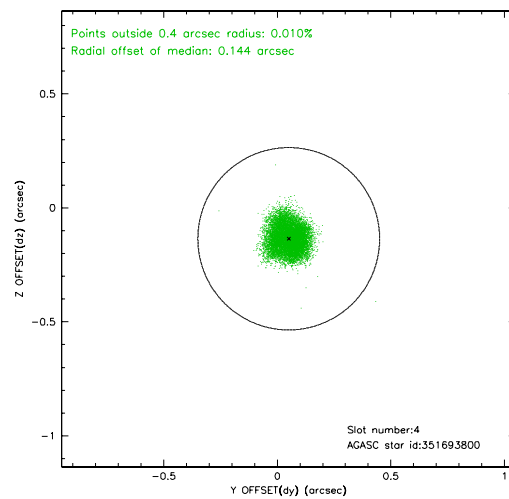
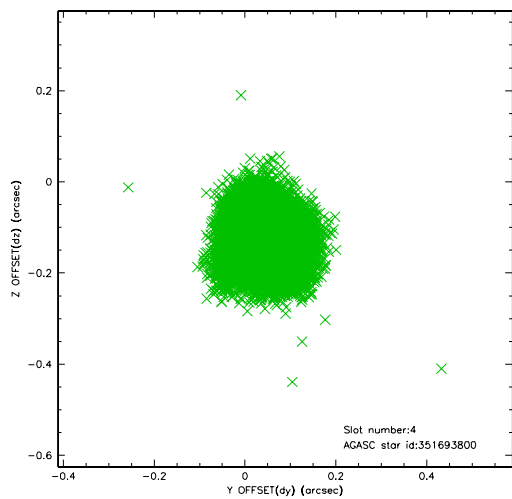
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4923	-0.032	0.021	0.007	0.011	0.000000	0.000000	-759.86	-1731.83
1	FID	ACIS-S-4	7.20	4923	0.010	0.010	0.005	0.009	0.000000	0.000000	2153.34	176.50
2	FID	ACIS-S-5	7.23	4924	-0.009	-0.022	0.006	0.011	0.000000	0.000000	-1812.47	170.28
3	GUIDE	351692760	8.87	9843	0.003	-0.036	0.082	0.130	303.295224	36.725490	-248.63	2153.15
4	GUIDE	351693800	8.13	9846	0.050	-0.135	0.081	0.120	302.737590	35.953172	-24.23	-1055.28
5	GUIDE	351694320	8.05	9845	-0.111	-0.042	0.084	0.131	302.369202	35.733696	-475.80	-2311.02
6	GUIDE	351808432	9.17	9841	0.017	0.085	0.079	0.131	303.880382	36.137762	2346.98	1370.29
7	GUIDE	351668192	8.50	9838	0.039	0.134	0.076	0.121	303.428785	36.486042	557.06	1660.10

2.4 Star Slots

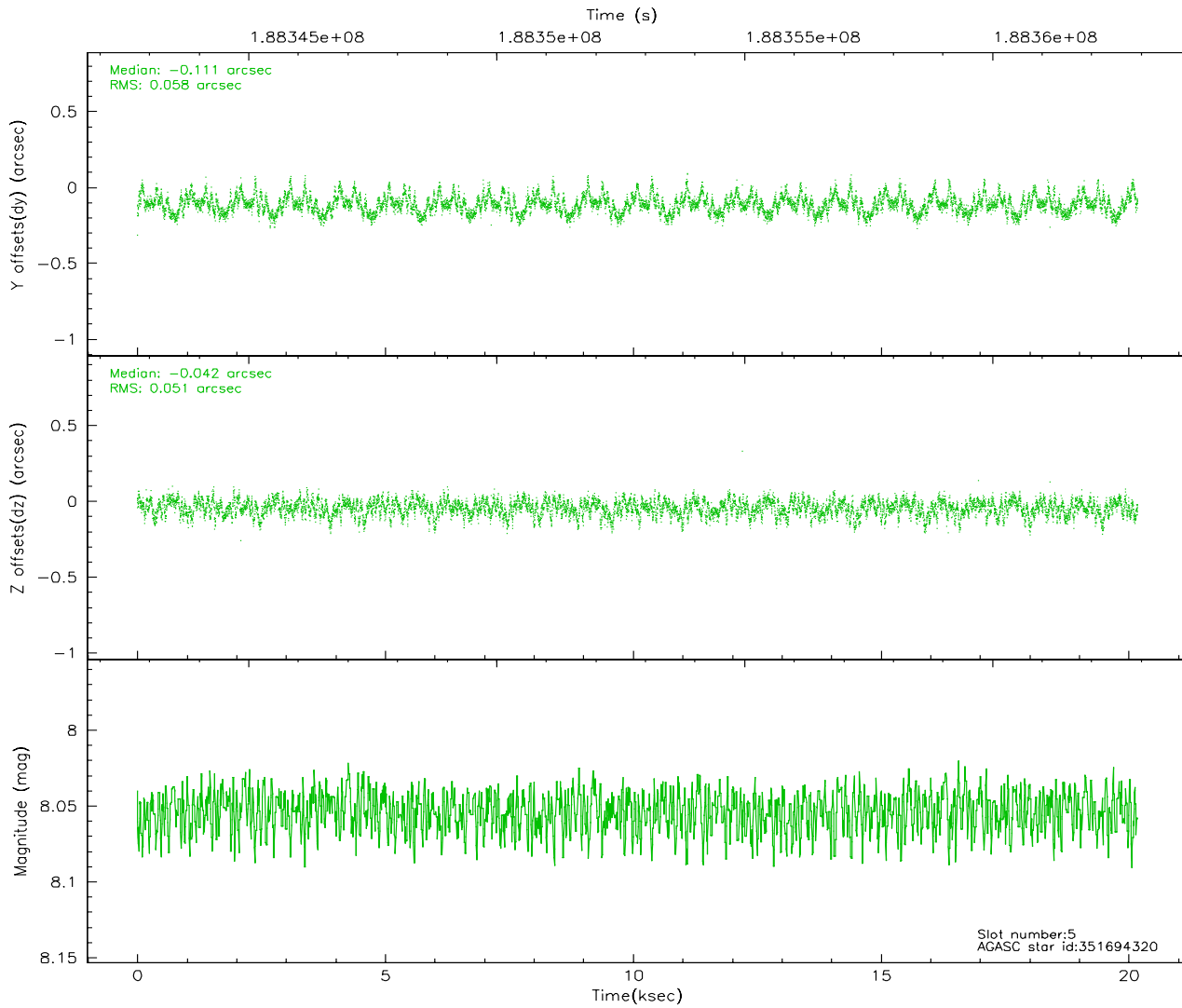
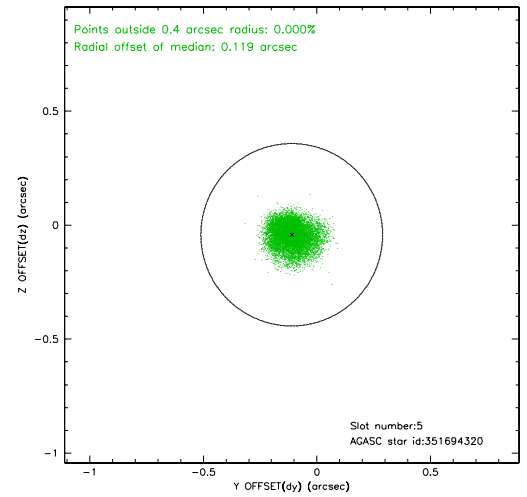
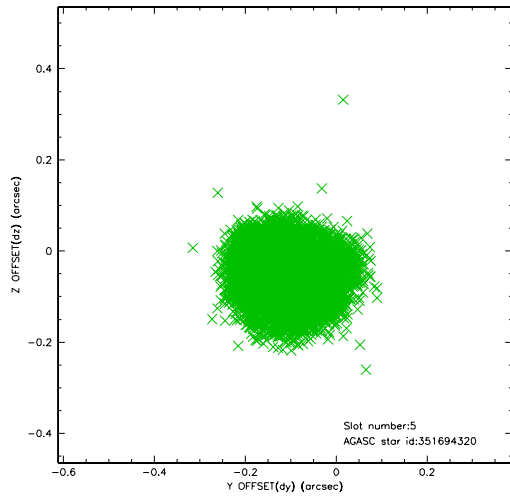
2.4.1 Slot 3



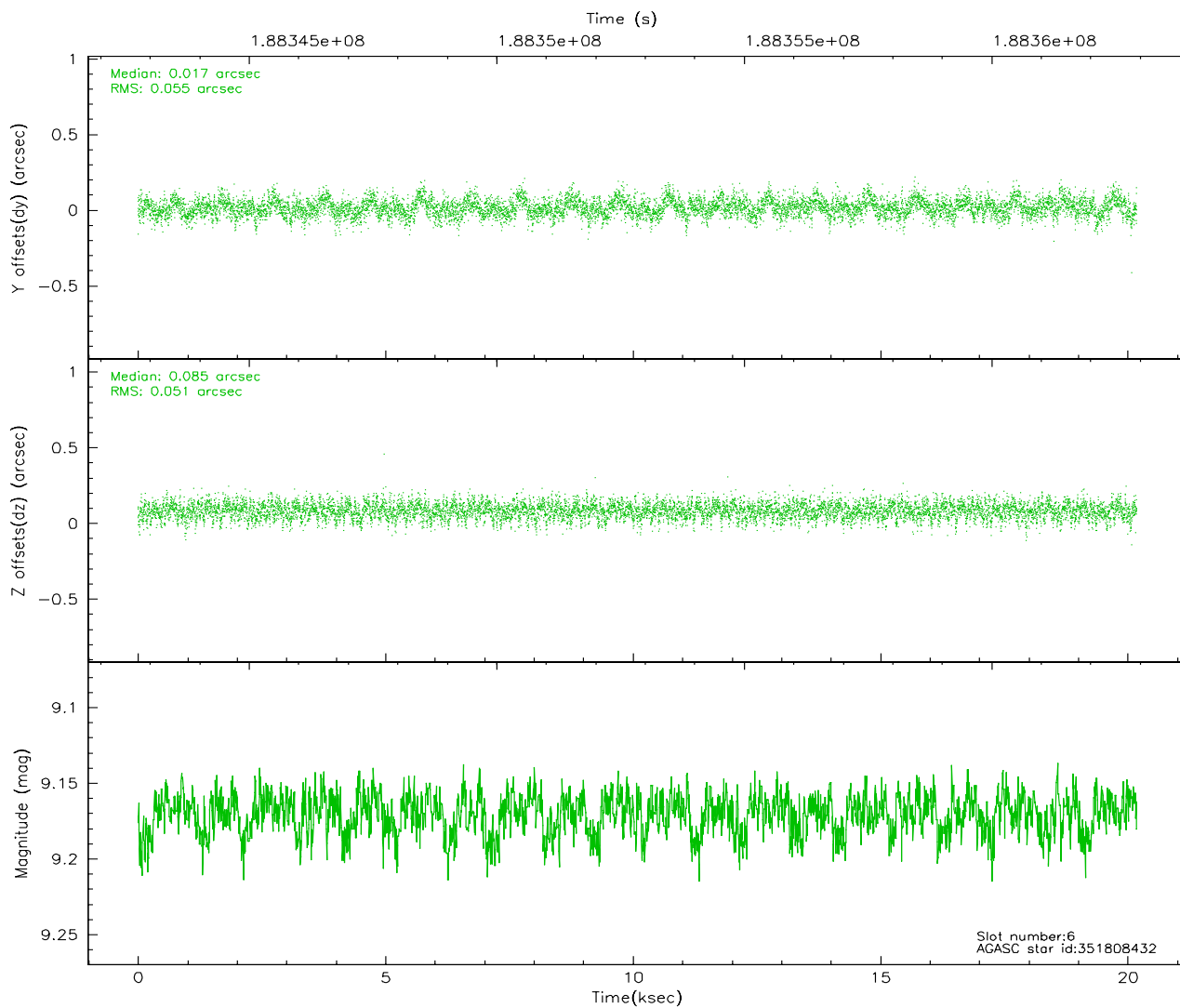
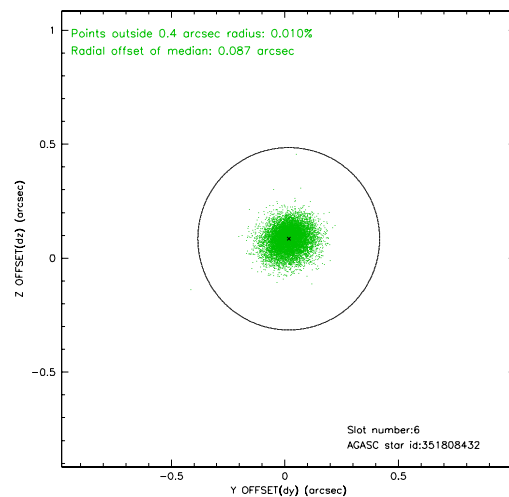
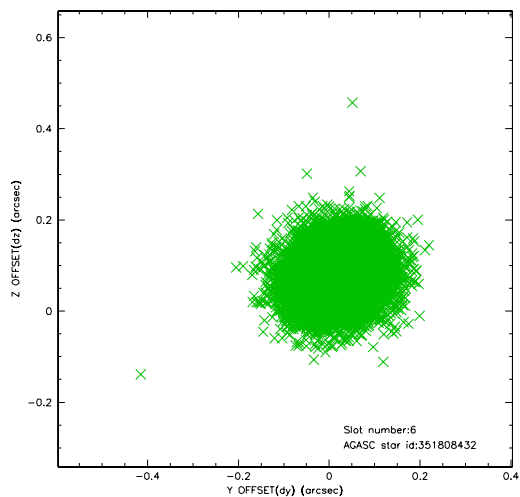
2.4.2 Slot 4



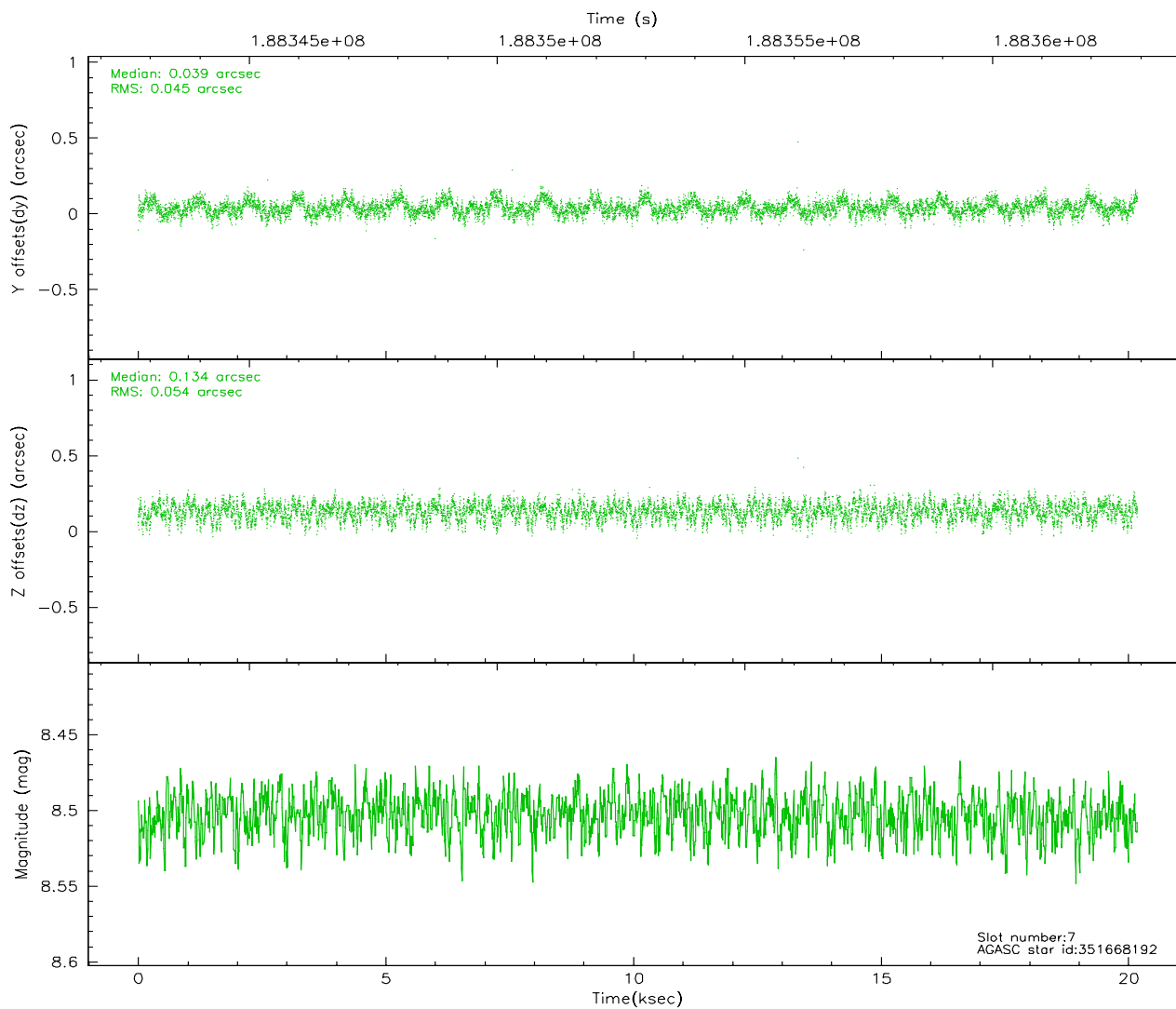
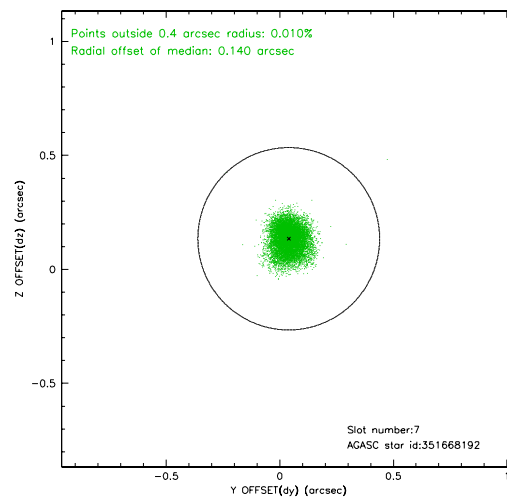
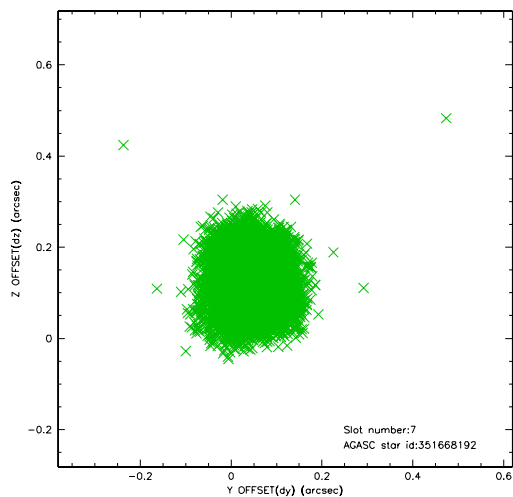
2.4.3 Slot 5



2.4.4 Slot 6

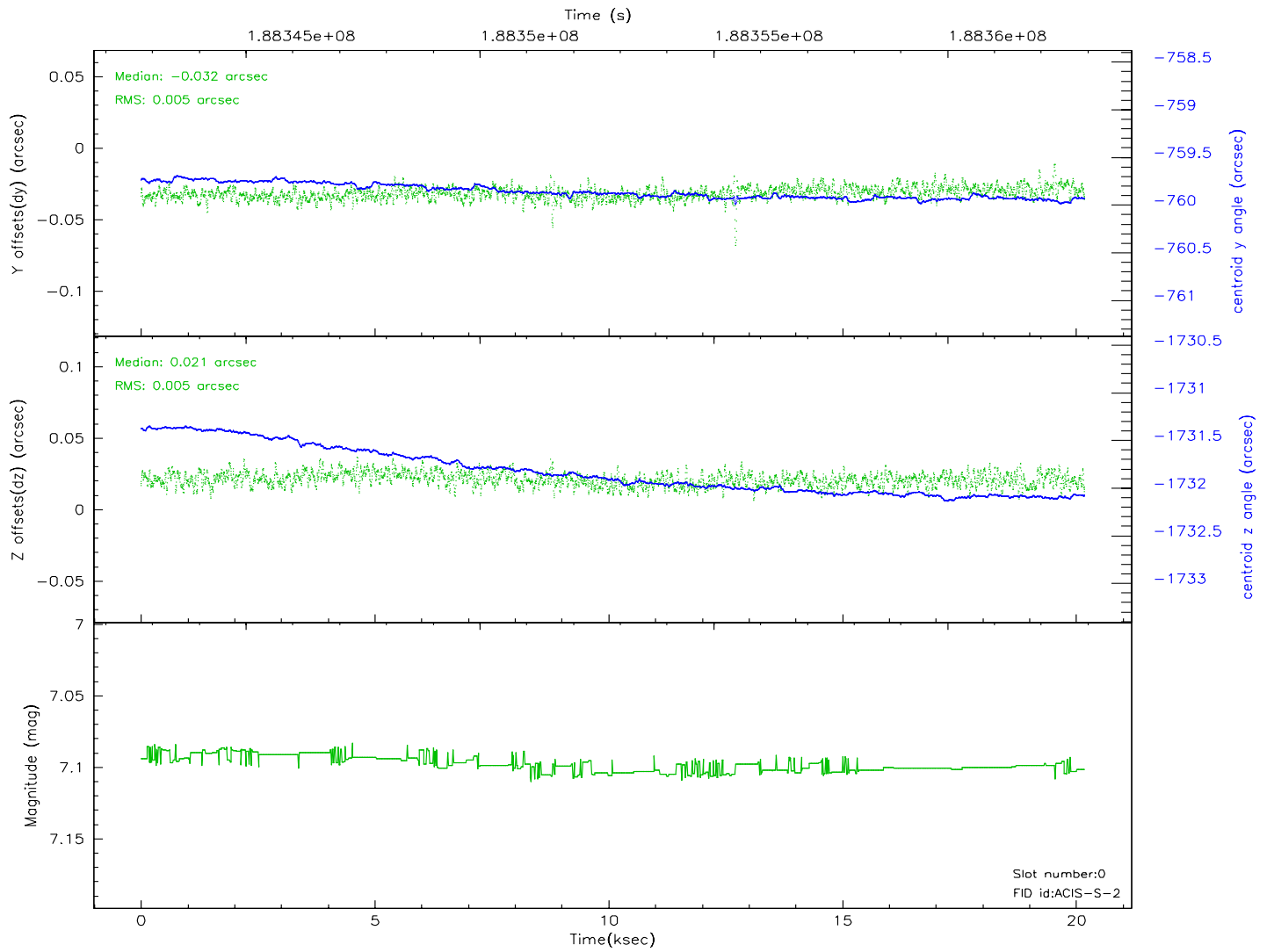
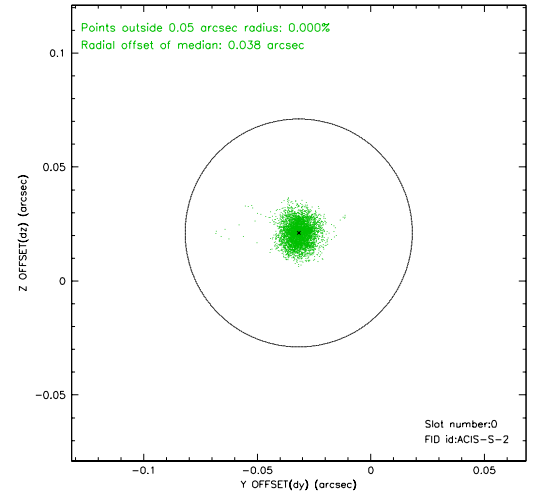
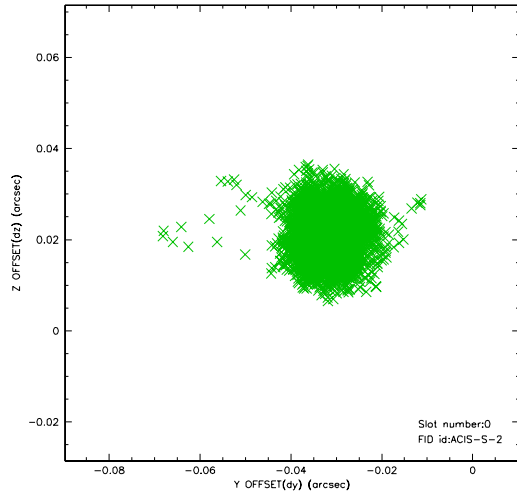


2.4.5 Slot 7

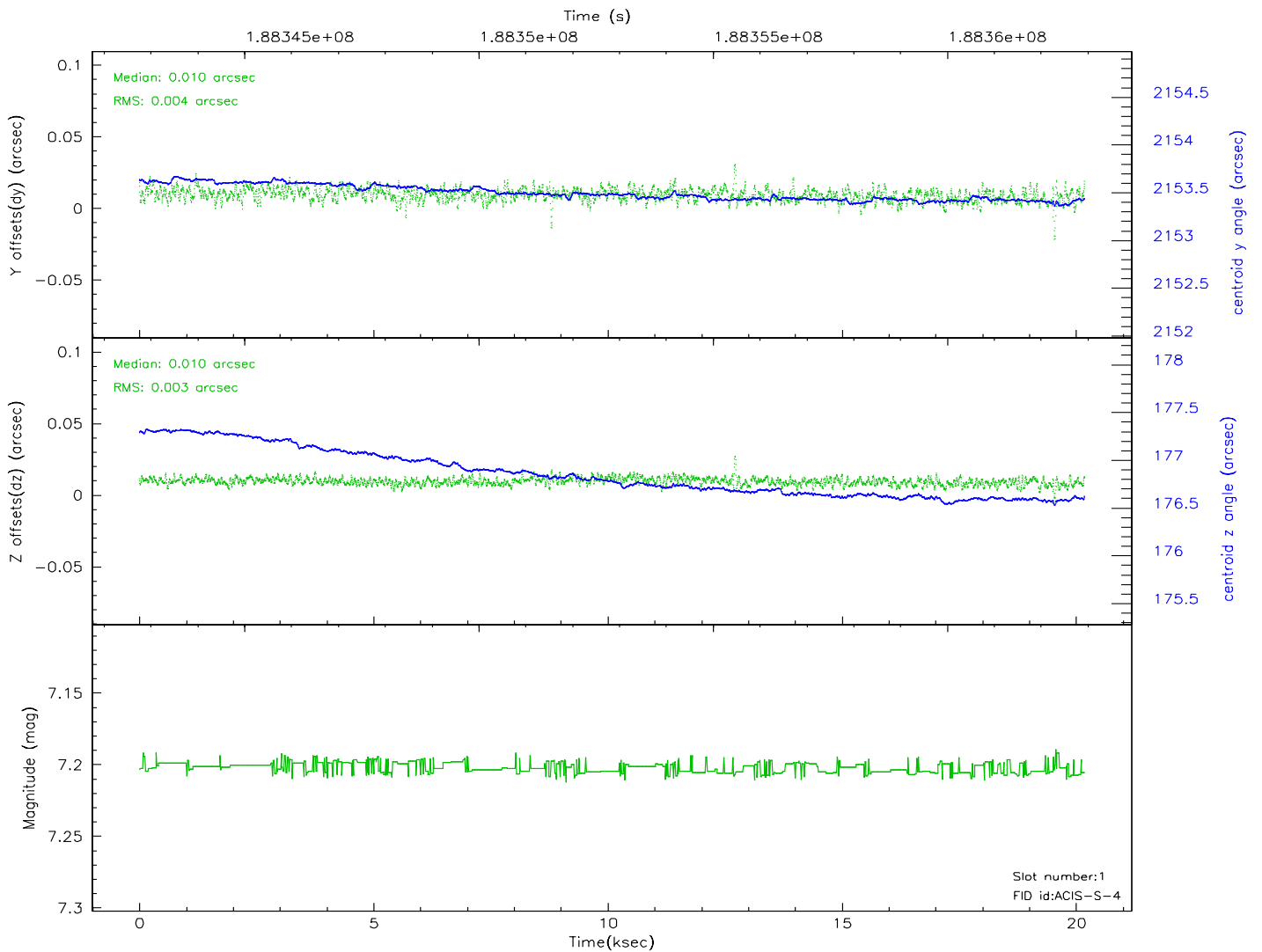
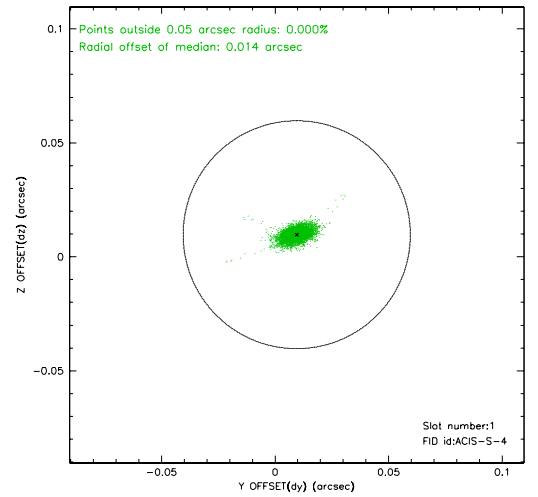
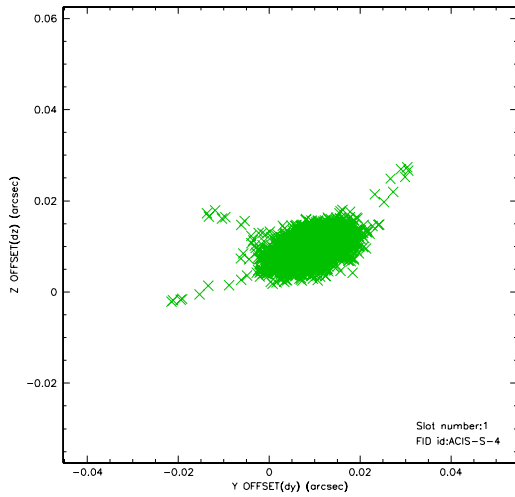


2.5 FID Slots

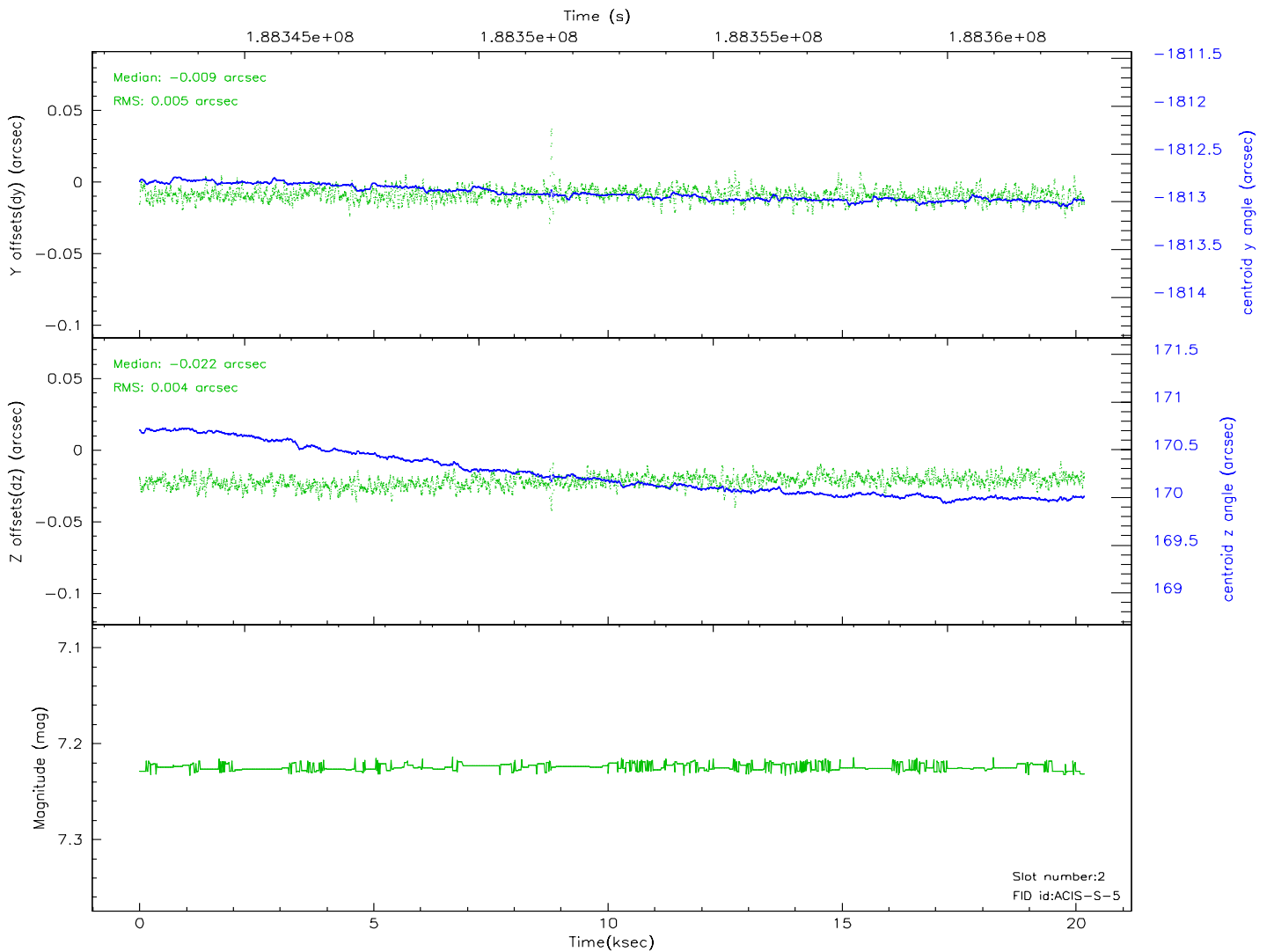
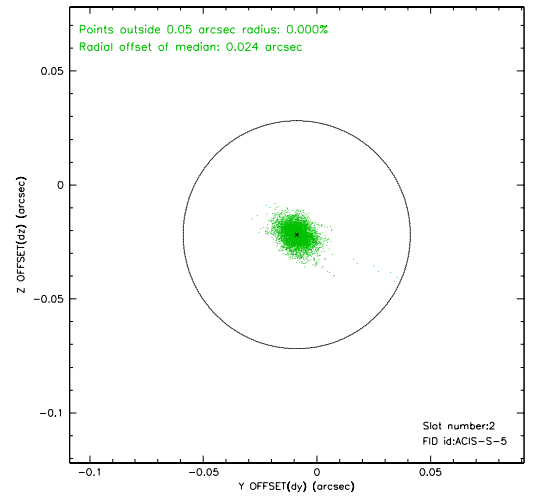
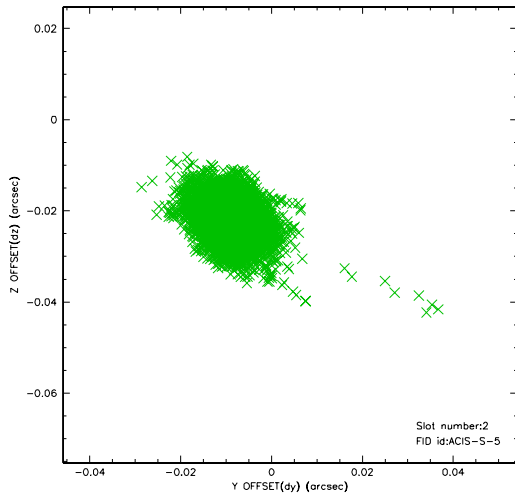
2.5.1 Slot 0



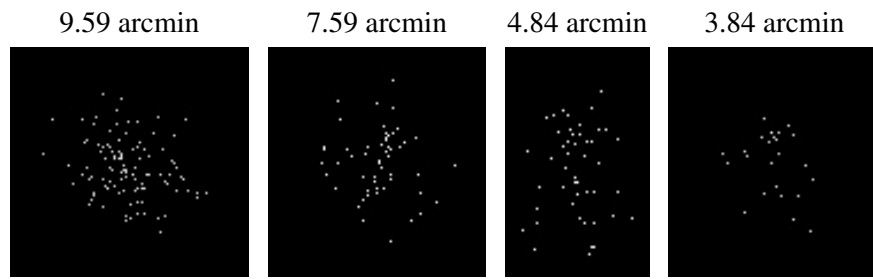
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.174

A.2 Comments

Roll preference not met.