

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6269 - L2 Version 002
Chandra X-Ray Center

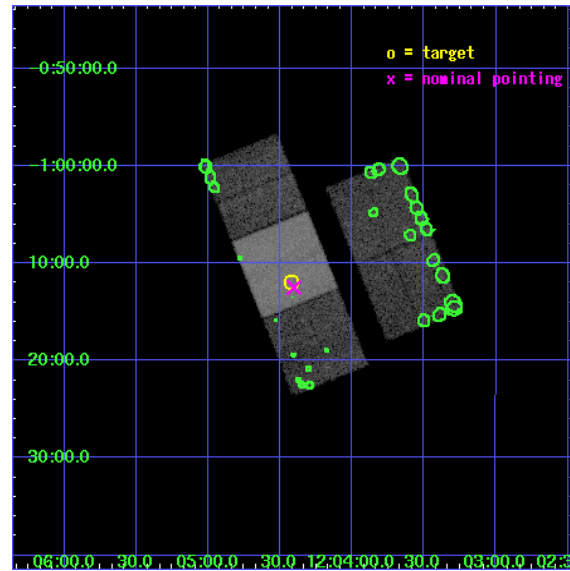
L2 Processing Date: Feb 28 2006

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1 Front

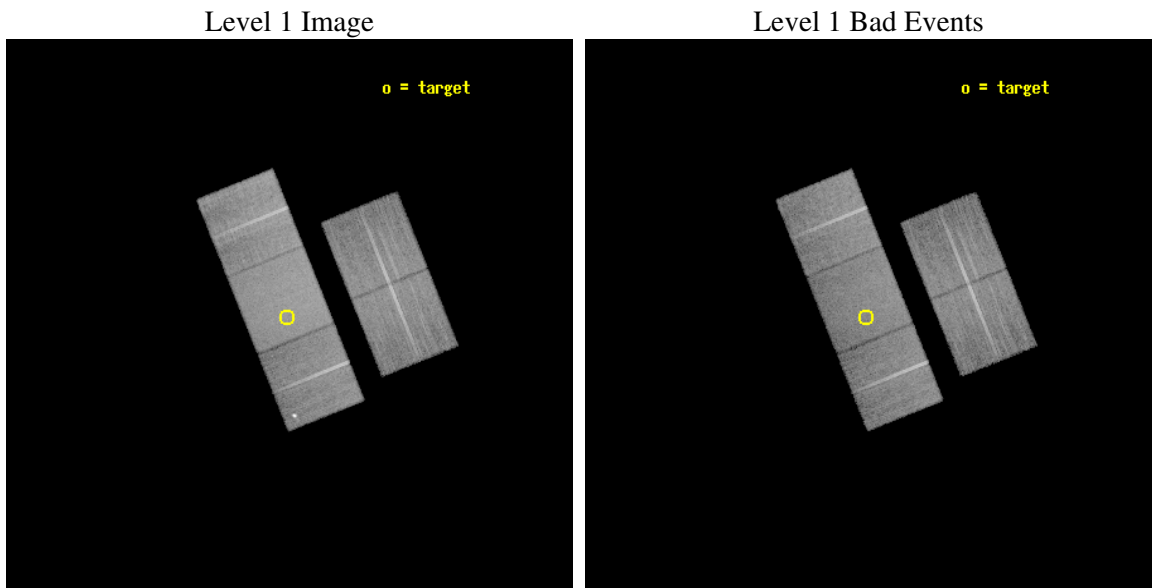
seq_num	500601
obs_id	6269
title	GRB050412: The Darkest of the Dark Bursts
observer	Dr Edo Berger
object	GRB050412
dtcycle	0
cycle	P
ra_targ	181.10625
dec_targ	-1.200056
ra_nom	181.10112179421
dec_nom	-1.2082478070725
roll_nom	248.08210944466
revision	2
ontime	20184.099961191
livetime	19920.37983588
ontime2	20184.099961191
ontime3	20184.099961191
ontime6	20184.099961191
ontime7	20184.099961191
ontime8	20171.53597042
l2events	146392



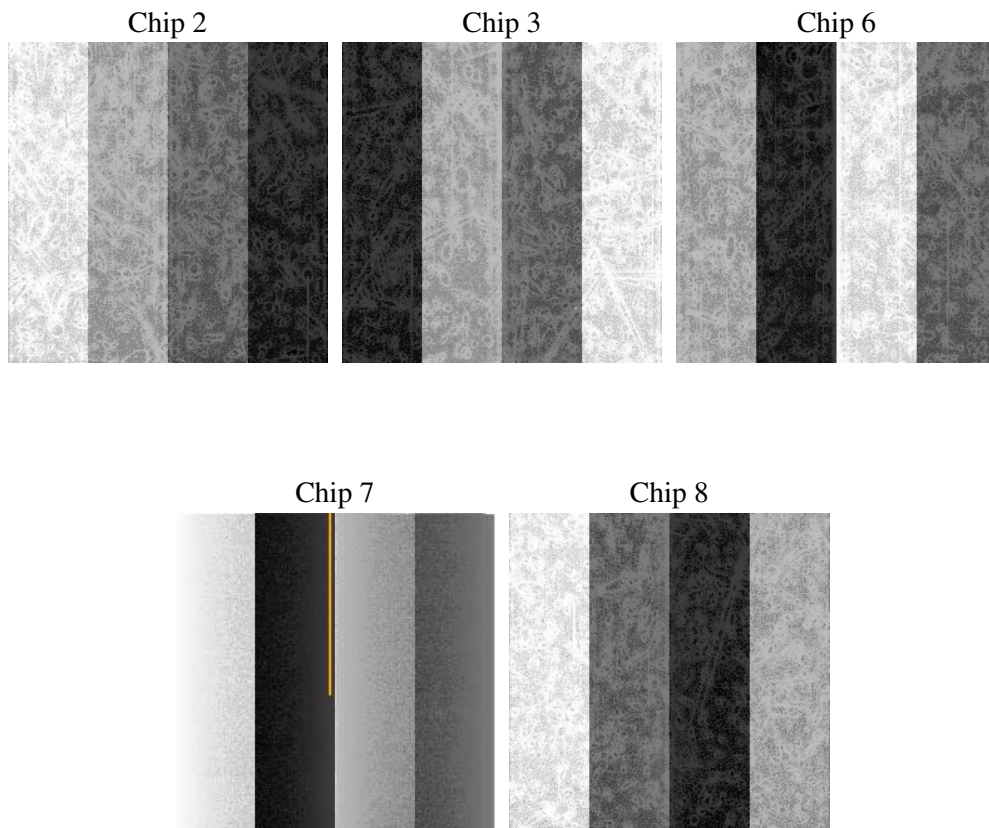
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-28T22:29:10
revision	2

sched_exp_time	20000.000000
ontime	20510.808372408
ontime2	20510.80835247
ontime3	20510.80835247
ontime6	20510.80835247
ontime7	20510.808372408
ontime8	20498.244361699
l1events	895612

2.1.4 Events

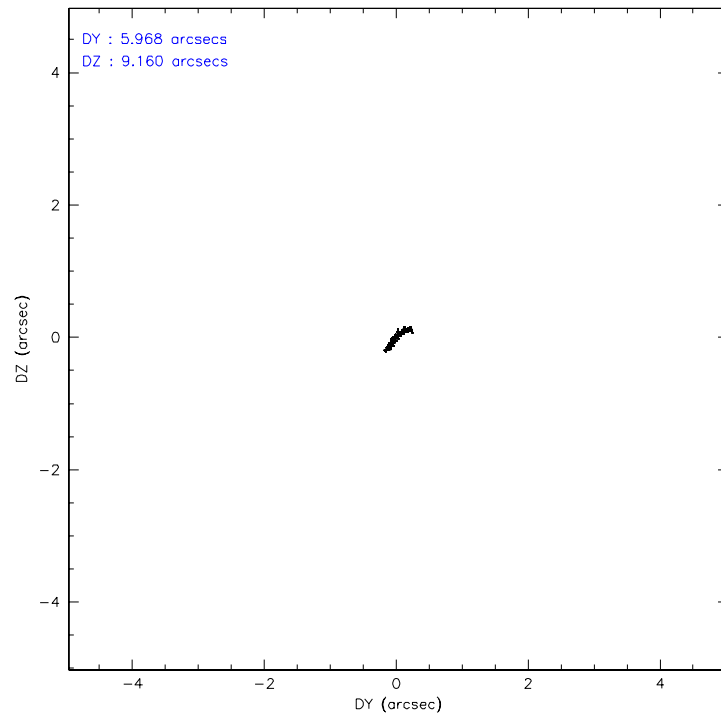
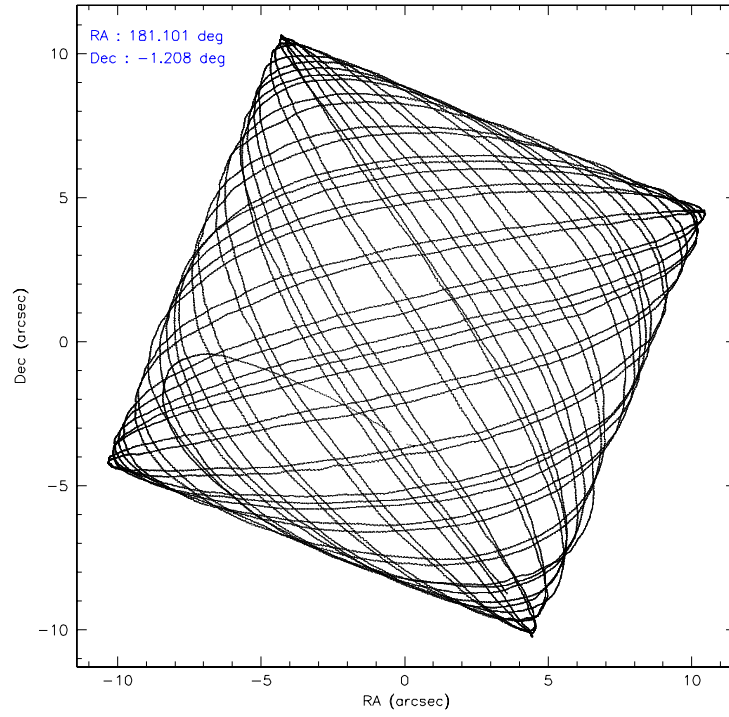
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	159956	154254	163172	215620	202610
rejected events	141982	136362	141786	136285	160200
rejected %	88%	88%	86%	63%	79%

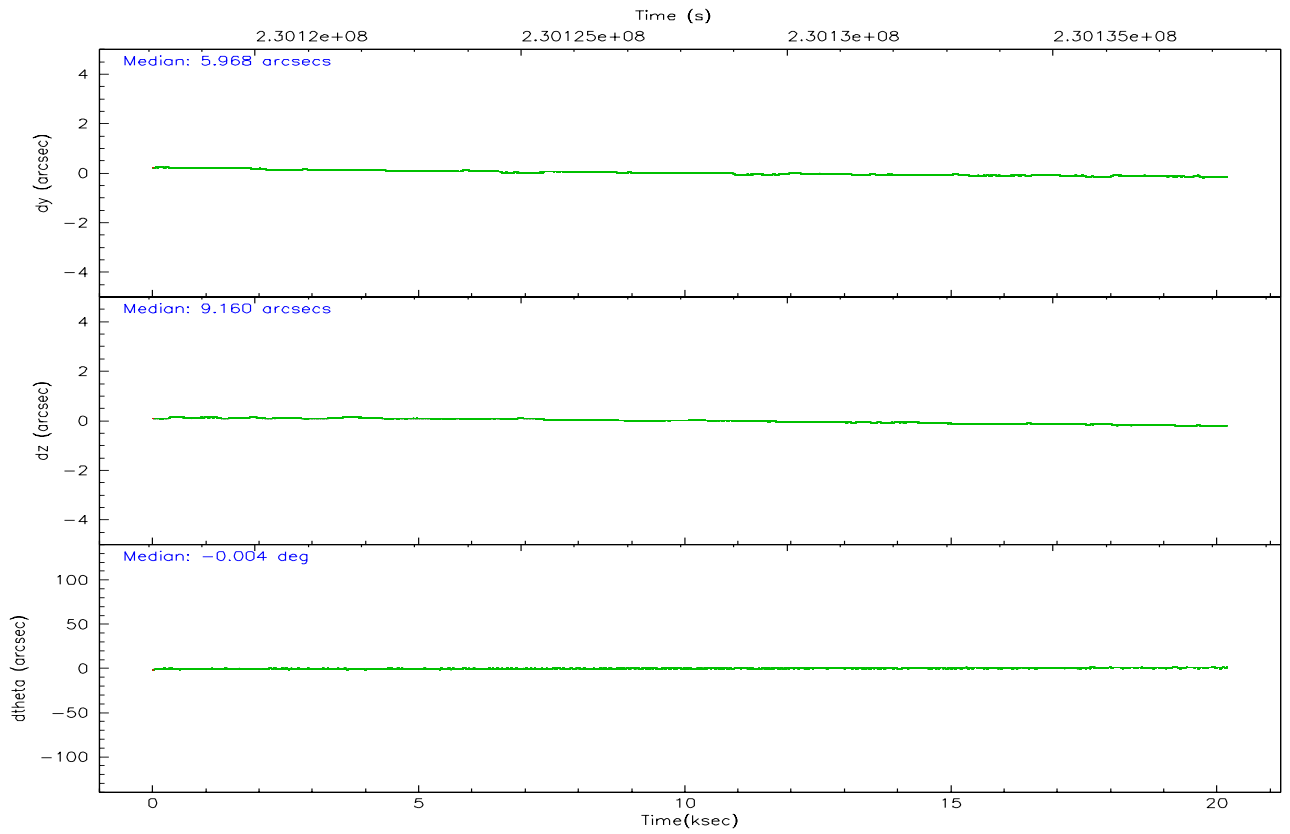
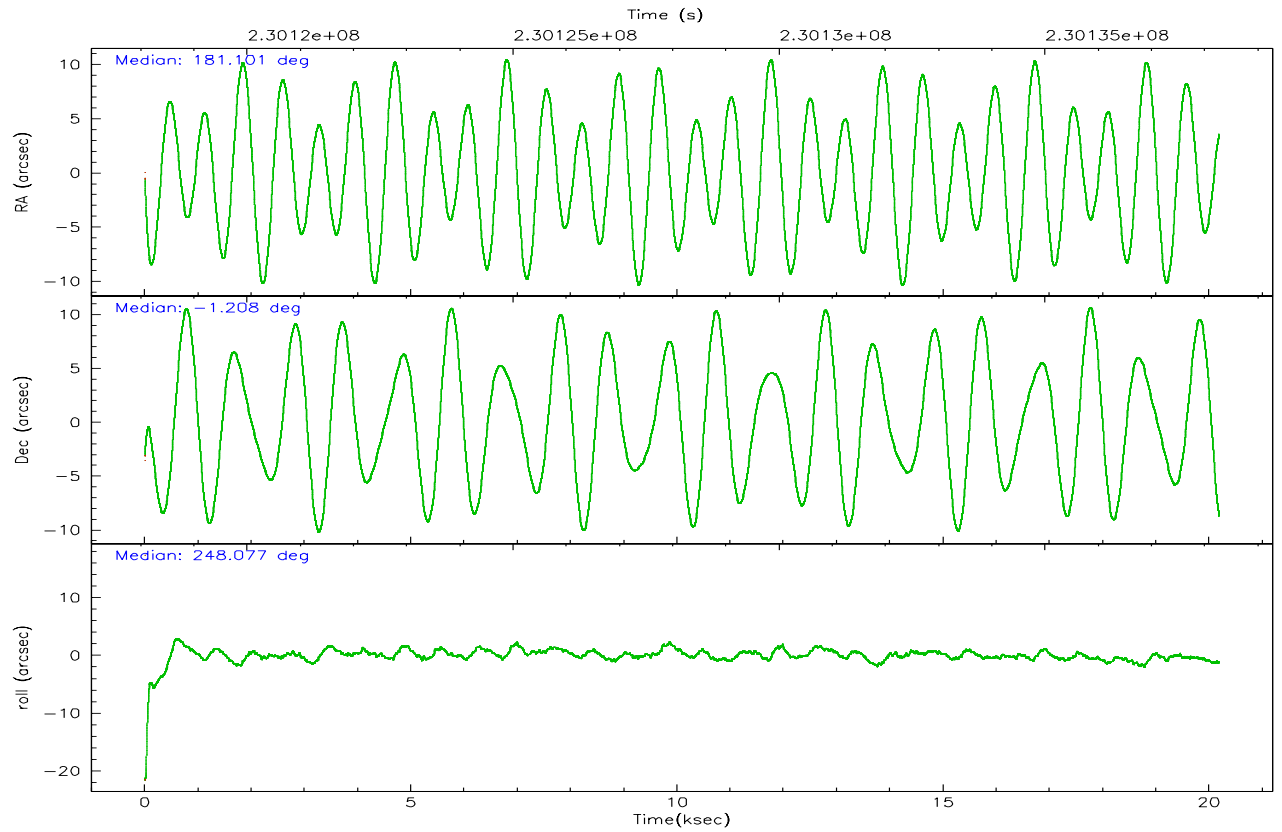
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	8049	7738	9583	4210	13416
	5%	5%	5%	1%	6%
grade 1 events	111	103	88	130	164
	0%	0%	0%	0%	0%
grade 2 events	3714	3565	4334	20172	9426
	2%	2%	2%	9%	4%
grade 3 events	1715	1787	2012	3819	4625
	1%	1%	1%	1%	2%
grade 4 events	1717	1786	1813	3588	4395
	1%	1%	1%	1%	2%
grade 5 events	6304	7034	7480	13677	9678
	3%	4%	4%	6%	4%
grade 6 events	3079	3324	3960	48861	11374
	1%	2%	2%	22%	5%
grade 7 events	135267	128917	133902	121163	149532
	84%	83%	82%	56%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	181.096930	181.1011217942105	Alternating exposures requested	N	N
Pointing Dec	-1.181351	-1.208247807072509	Primary exposure time	0.000000	3.1
Pointing Roll	247.925405	248.0821094446565			
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	230118274.184000	230117055.35312			
Observation start date	2005-04-17T09:43:30	2005-04-17T09:24:15			
Observation end time	230138274.184000	230139164.09163			
Observation end date	2005-04-17T15:16:50	2005-04-17T15:32:44			
Read mode	TIMED	TIMED			

2.3 Aspect



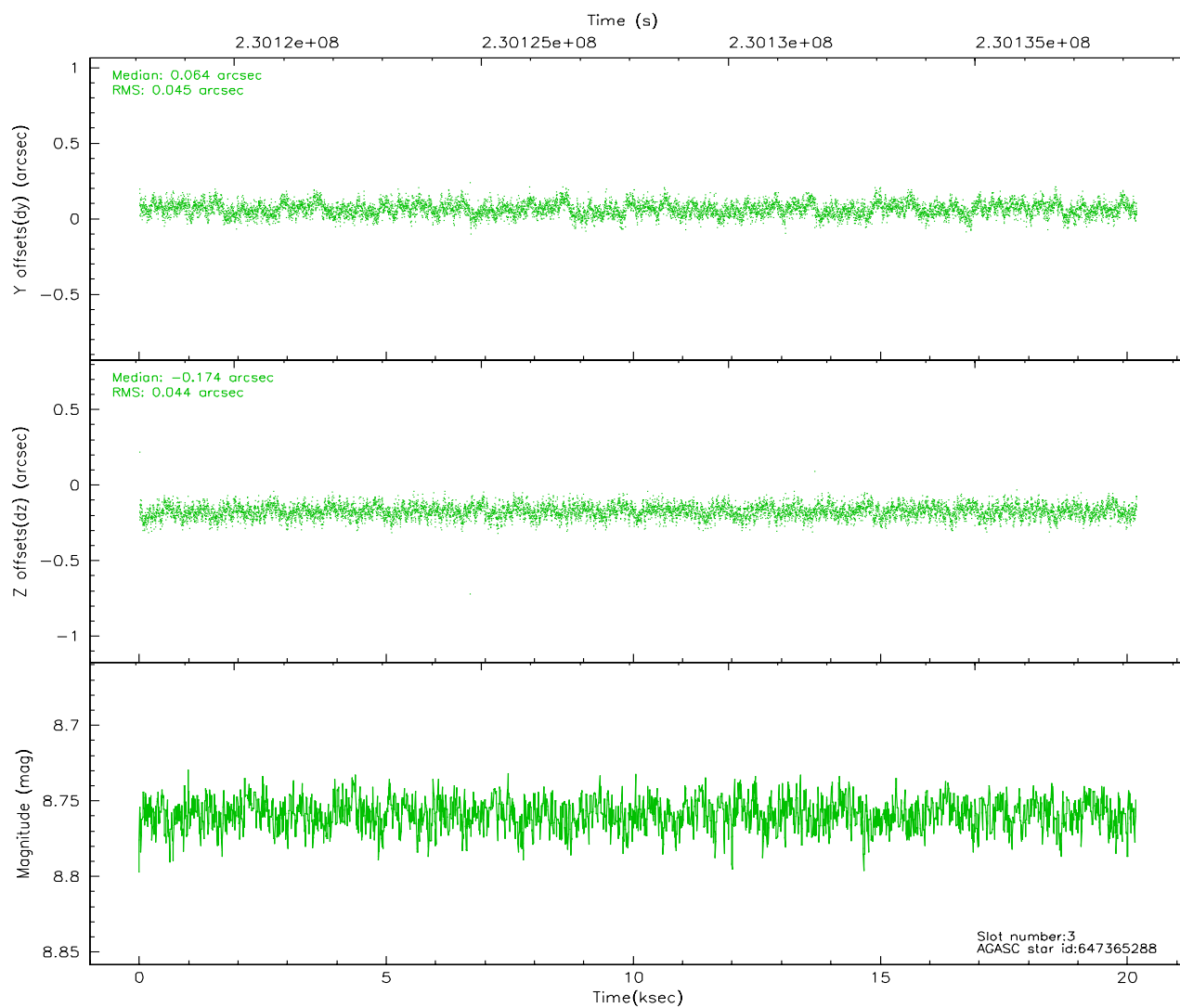
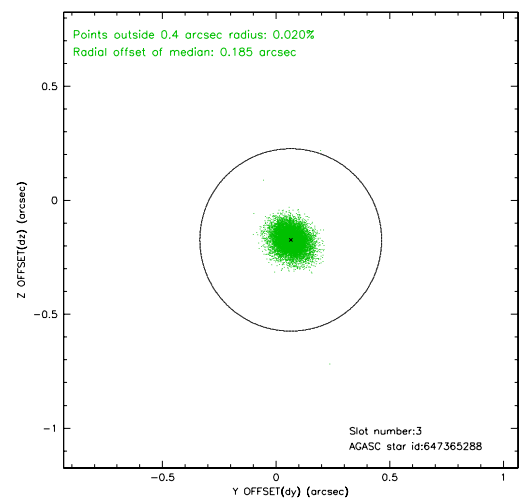
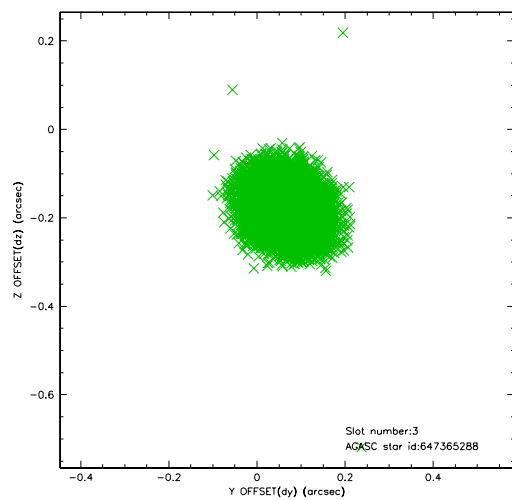


Slot Statistics

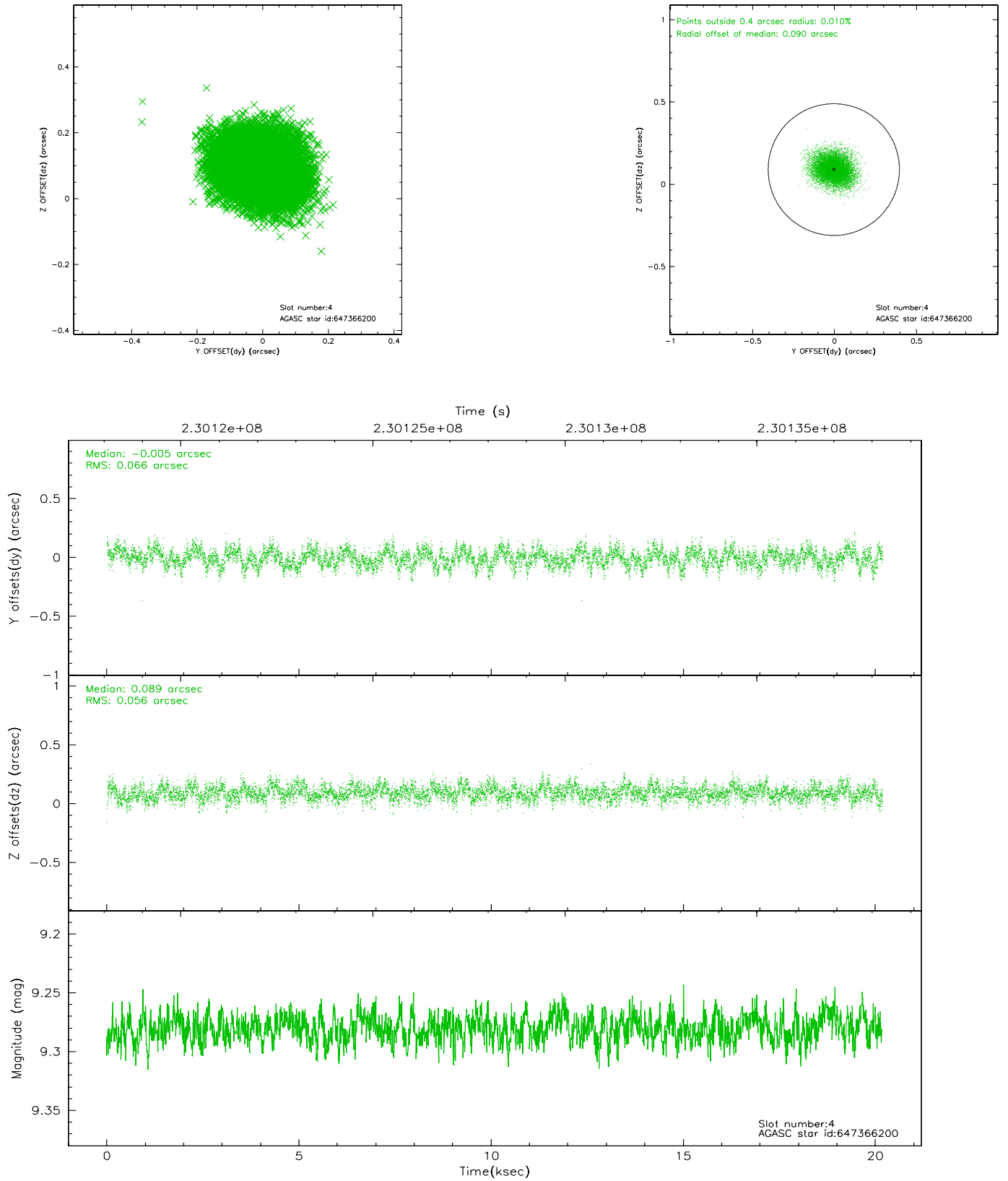
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4925	-0.052	-0.033	0.009	0.024	0.000000	0.000000	-758.75	-1730.41
1	FID	ACIS-S-4	7.21	4925	0.080	0.034	0.006	0.031	0.000000	0.000000	2154.57	177.96
2	FID	ACIS-S-5	7.23	4925	-0.058	0.007	0.008	0.025	0.000000	0.000000	-1811.36	171.80
3	GUIDE	647365288	8.76	9846	0.064	-0.174	0.066	0.108	181.193488	-1.160268	-200.54	293.55
4	GUIDE	647366200	9.28	9839	-0.005	0.089	0.093	0.151	181.366596	-0.971817	-1063.14	615.60
5	GUIDE	647368192	9.72	9834	-0.070	-0.021	0.090	0.148	180.906450	-0.862973	-804.18	-1065.96
6	GUIDE	647368208	9.46	9839	-0.100	0.022	0.083	0.135	180.711423	-1.434346	1365.95	-943.46
7	GUIDE	647369448	8.35	9845	0.116	0.086	0.067	0.107	180.814353	-1.629557	1878.12	-335.57

2.4 Star Slots

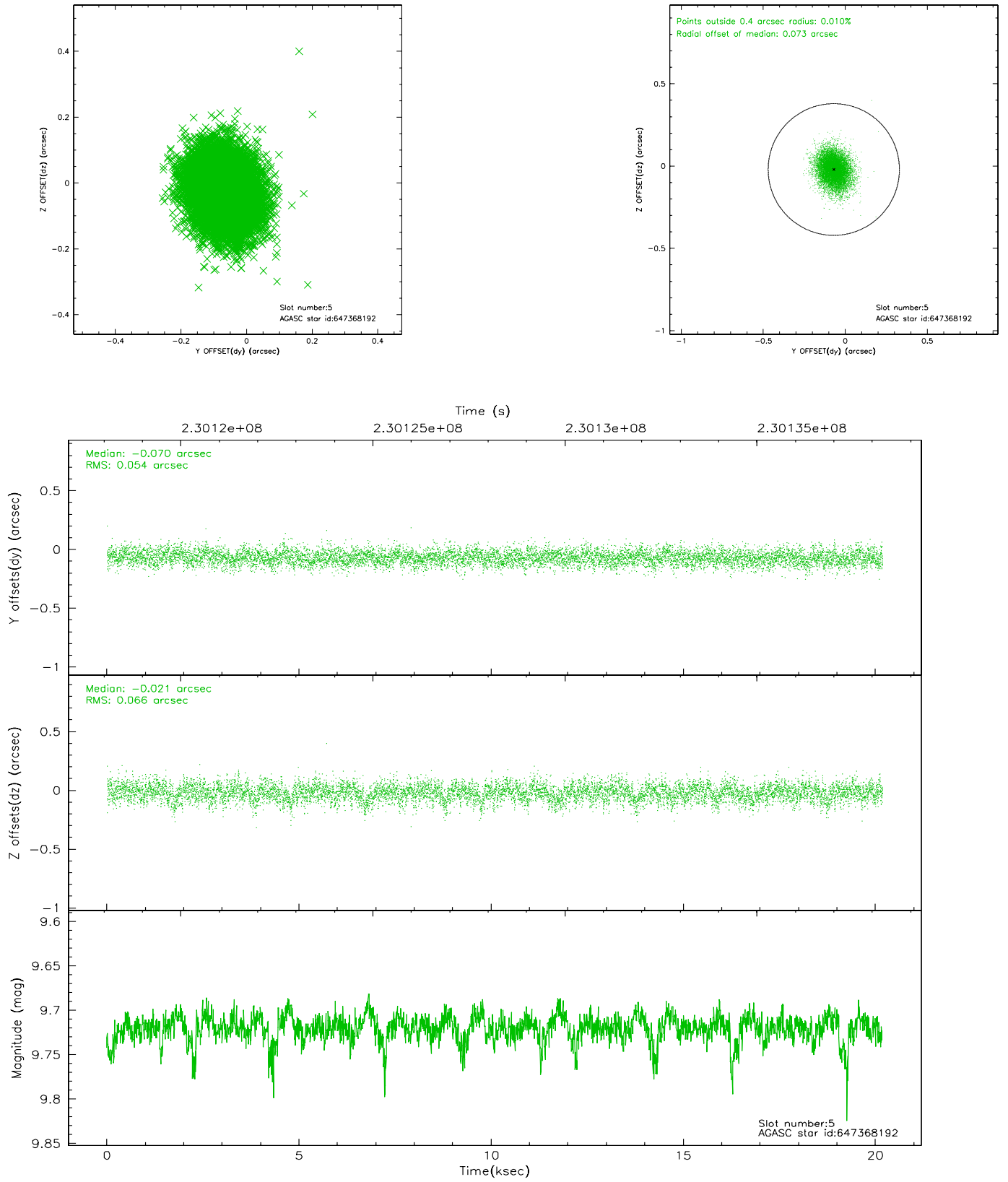
2.4.1 Slot 3



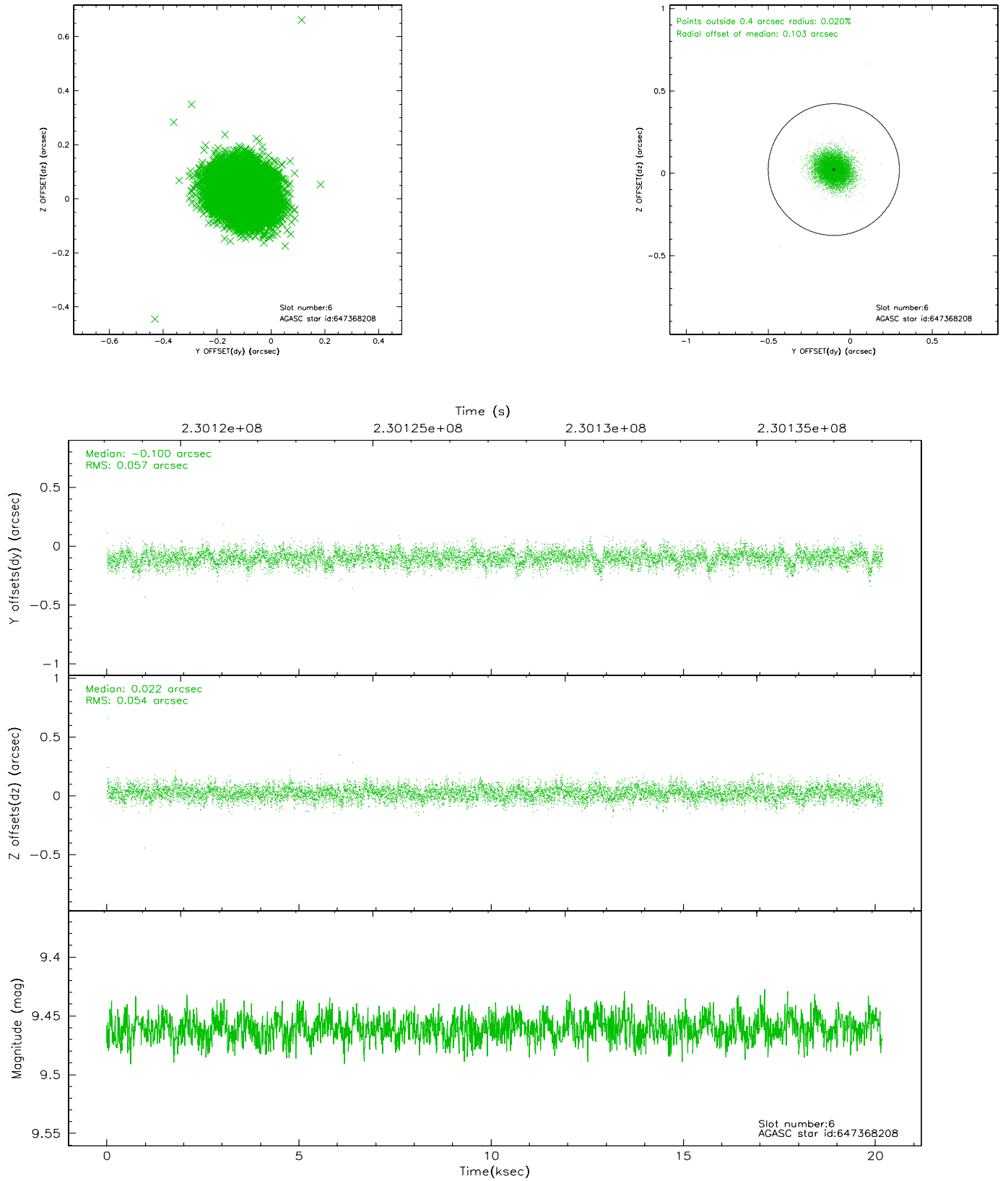
2.4.2 Slot 4



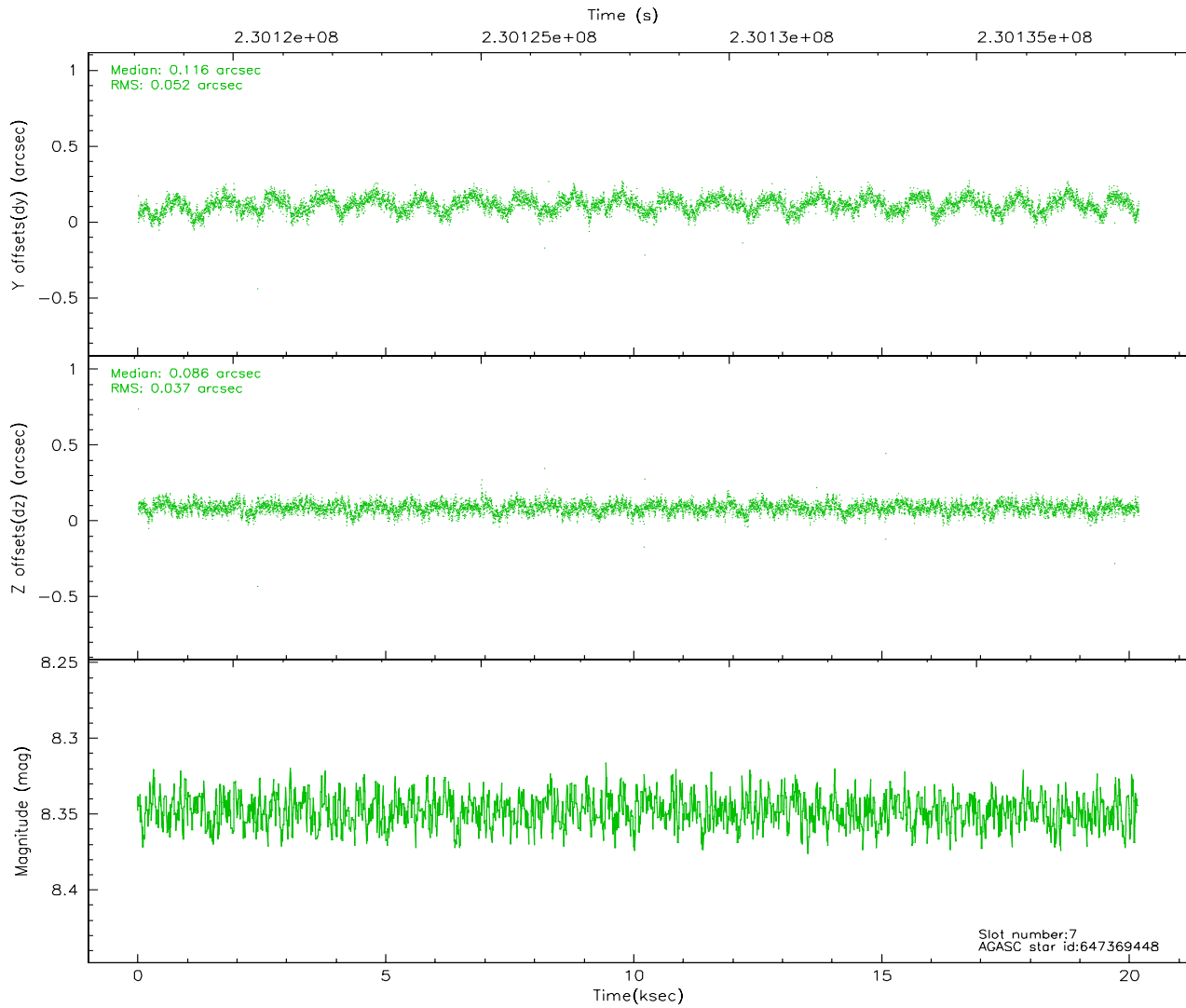
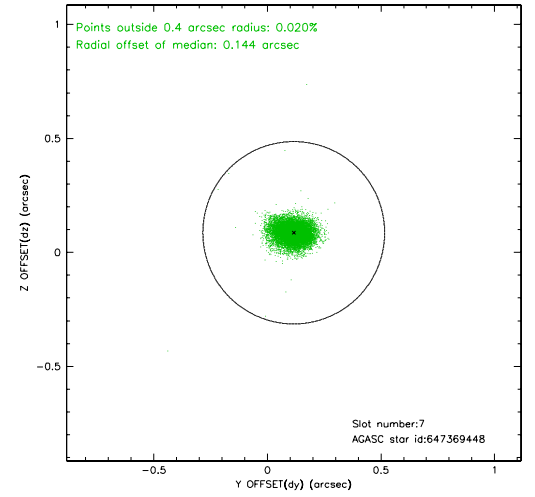
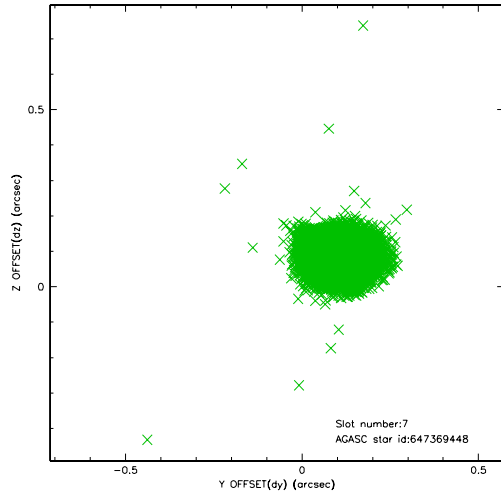
2.4.3 Slot 5



2.4.4 Slot 6

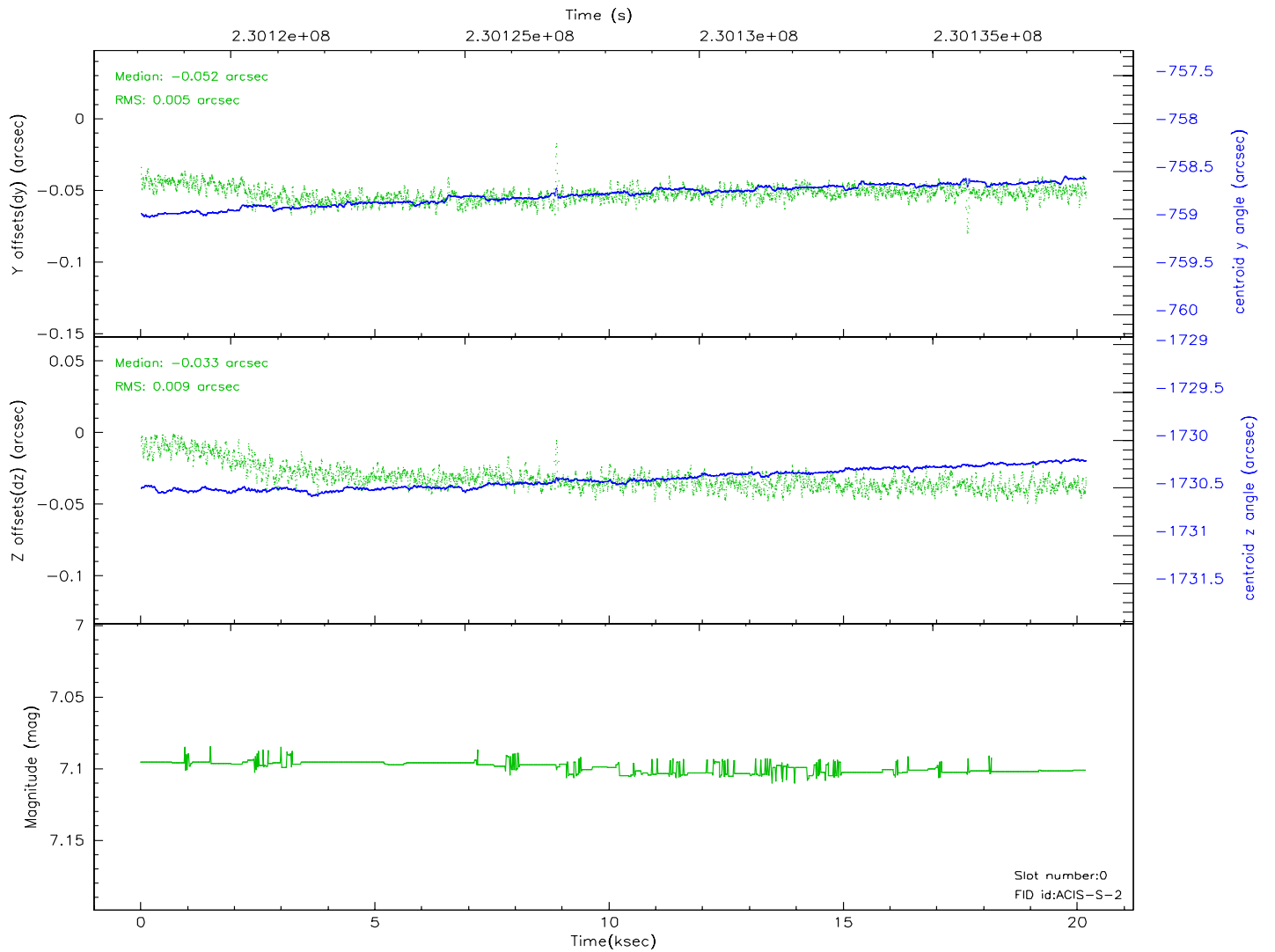
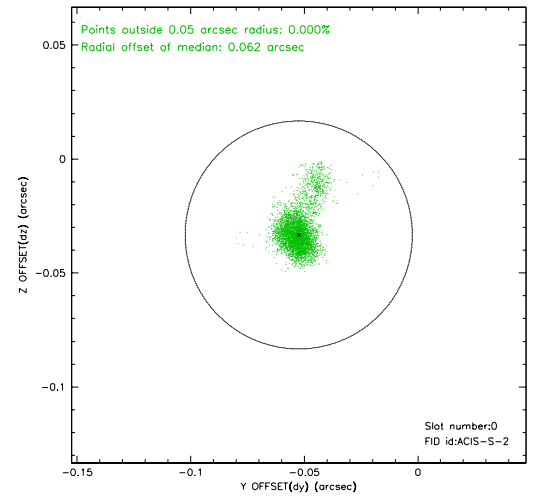
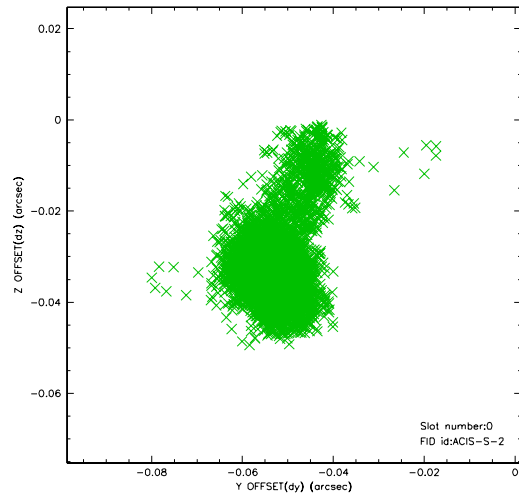


2.4.5 Slot 7

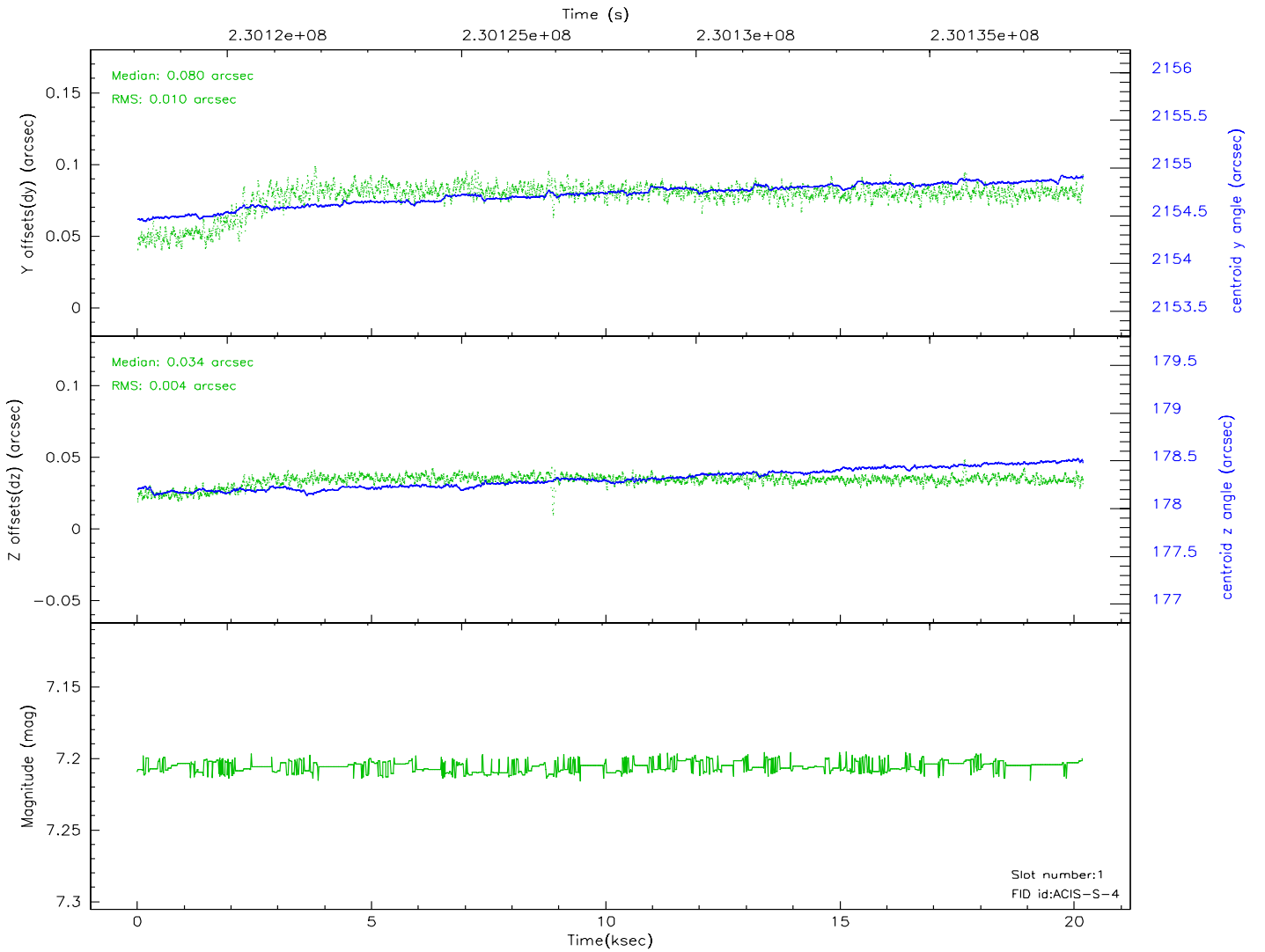
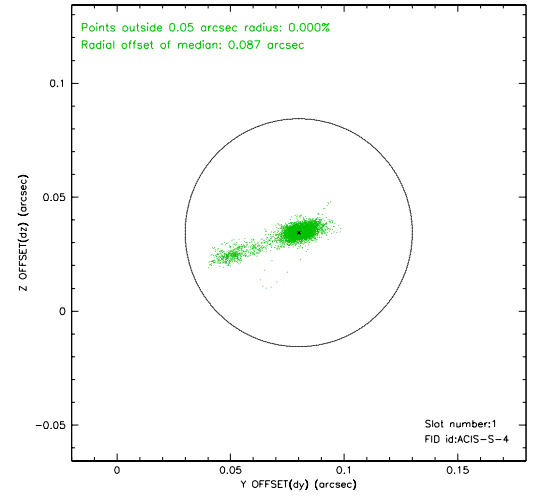
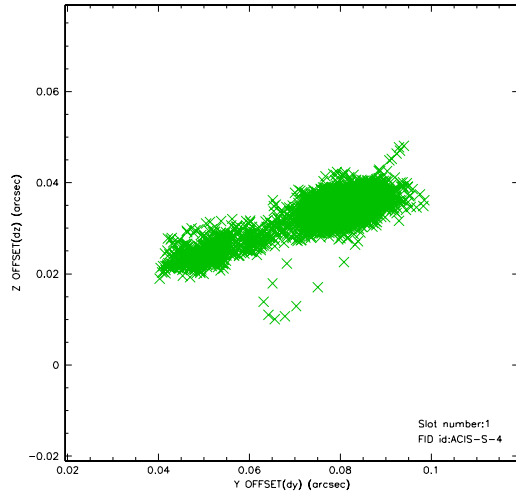


2.5 FID Slots

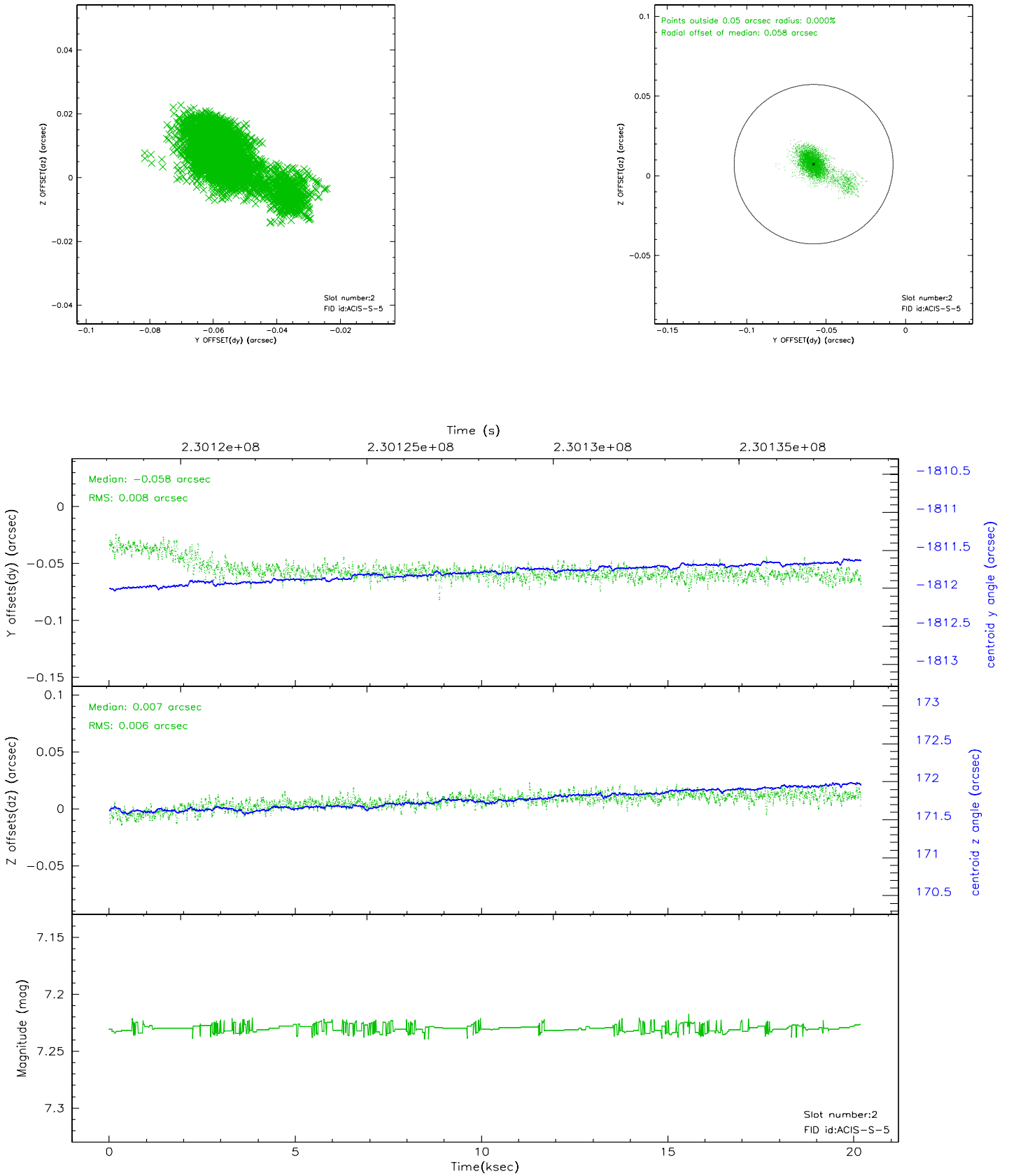
2.5.1 Slot 0



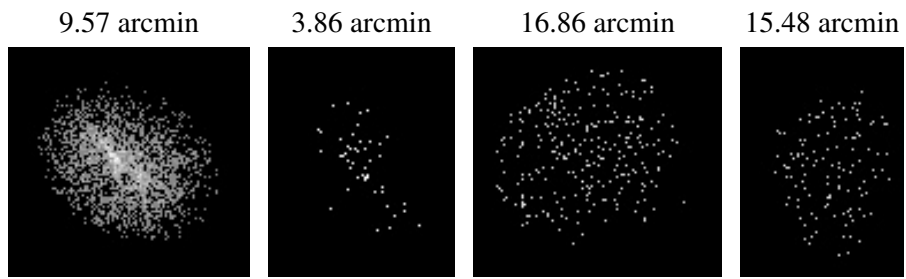
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.18409

A.2 Comments