

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4835 - L2 Version 001
Chandra X-Ray Center

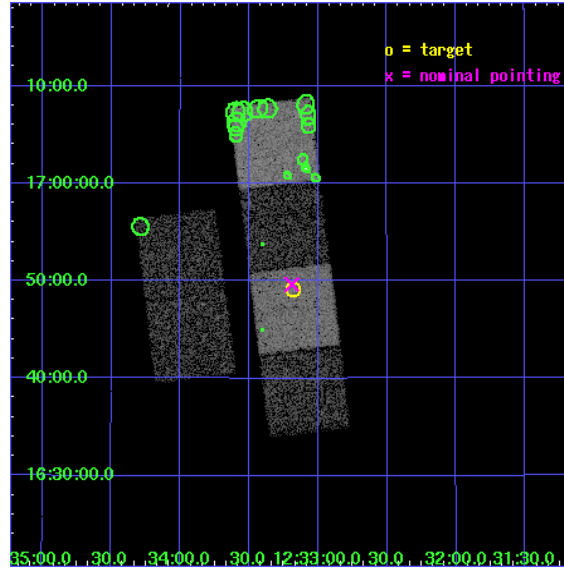
L2 Processing Date : Jun 4 2006

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1 Front

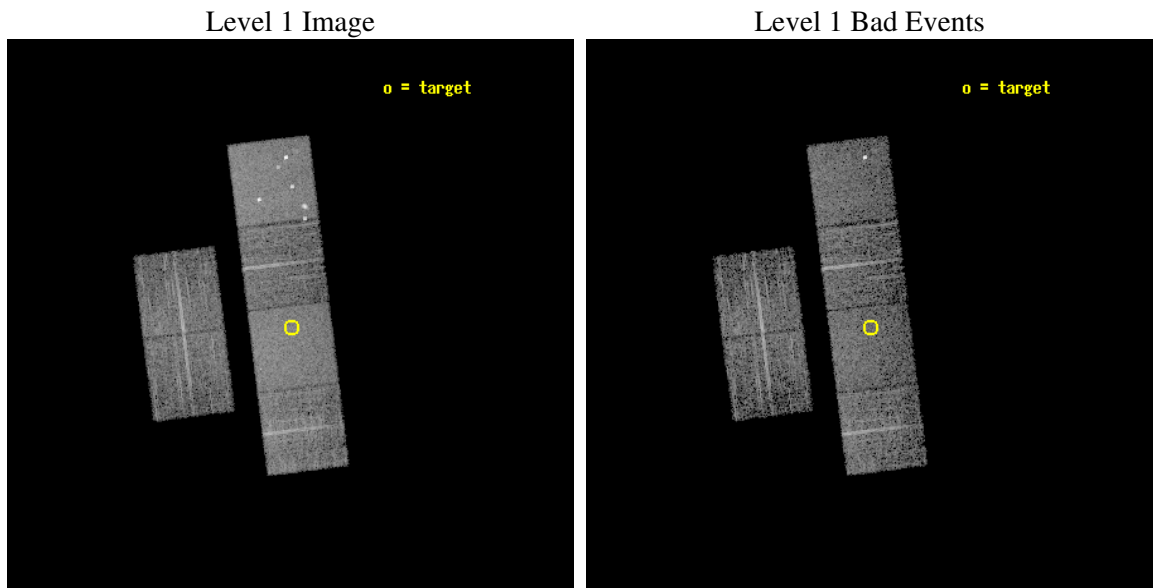
seq_num	700917
obs_id	4835
title	Constraining the Hard-X-ray Through Submm SEDs of a Complete Sample of Broad Absorption Line Quasars
observer	Dr. Sarah Gallagher
object	LBQS 1230+1705
dtcycle	0
cycle	P
ra_targ	188.294583
dec_targ	16.818111
ra_nom	188.2975979305
dec_nom	16.827331157426
roll_nom	82.937929196035
revision	2
ontime	6175.9999769926
livetime	6097.7957465432
ontime2	6175.9999769926
ontime3	6175.9999769926
ontime5	6175.9999769926
ontime6	6175.9999769926
ontime7	6175.9999769926
ontime8	6175.9999769926
l2events	60489



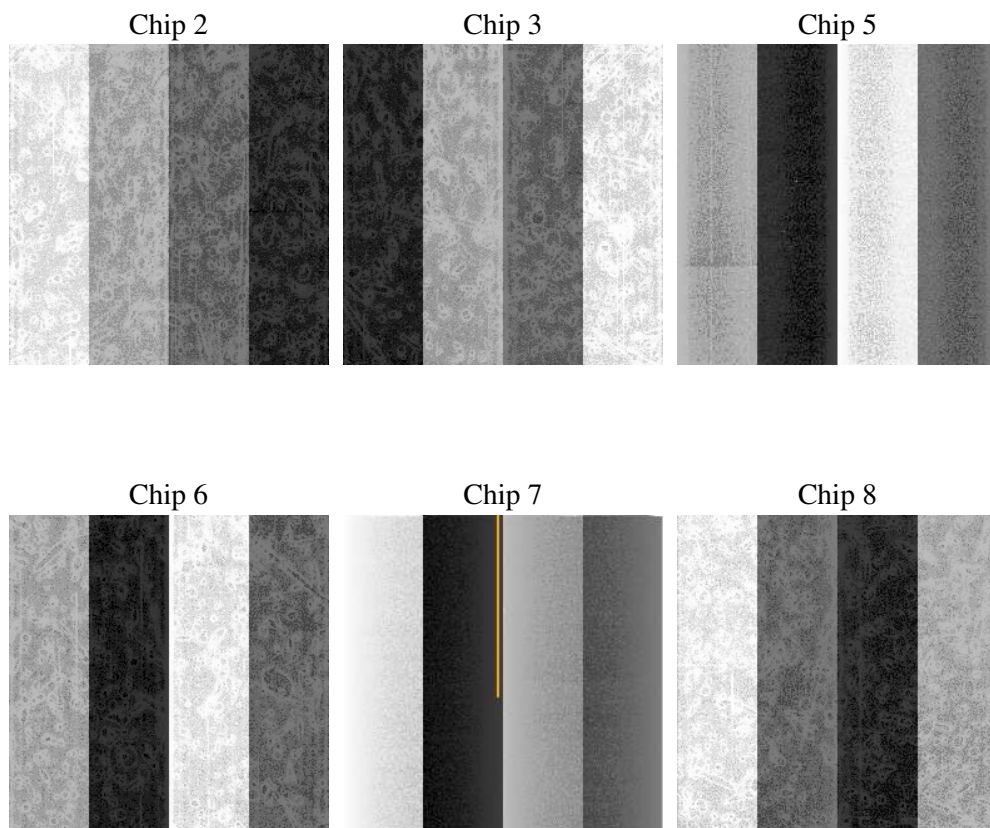
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-04T10:23:23
revision	2

sched_exp_time	6000.000000
ontime	6238.9444229305
ontime2	6238.9444229305
ontime3	6238.9444229305
ontime5	6238.9444229305
ontime6	6238.9444229305
ontime7	6238.9444229305
ontime8	6238.9444229305
l1events	274355

2.1.4 Events

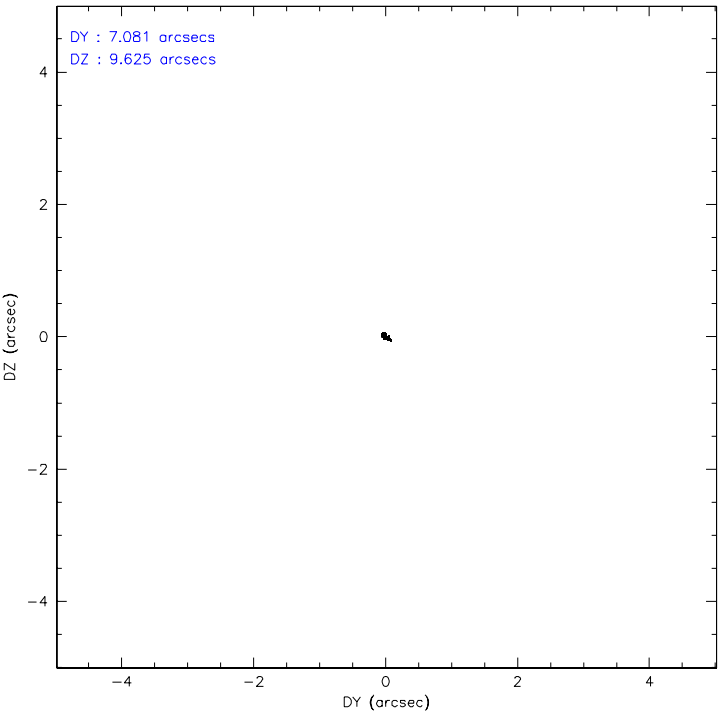
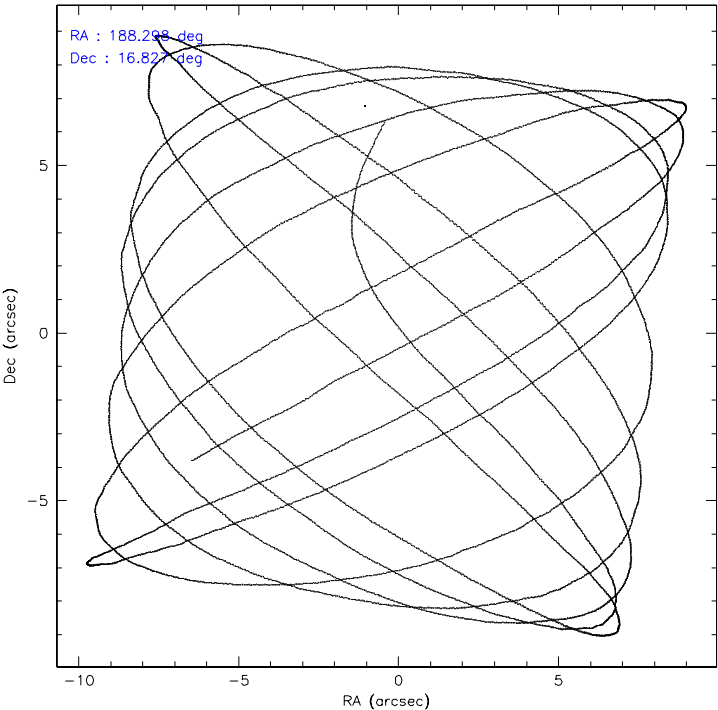
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	38919	36448	62374	37834	52199	46581
rejected events	34385	32069	33608	33212	32363	36958
rejected %	88%	87%	53%	87%	61%	79%

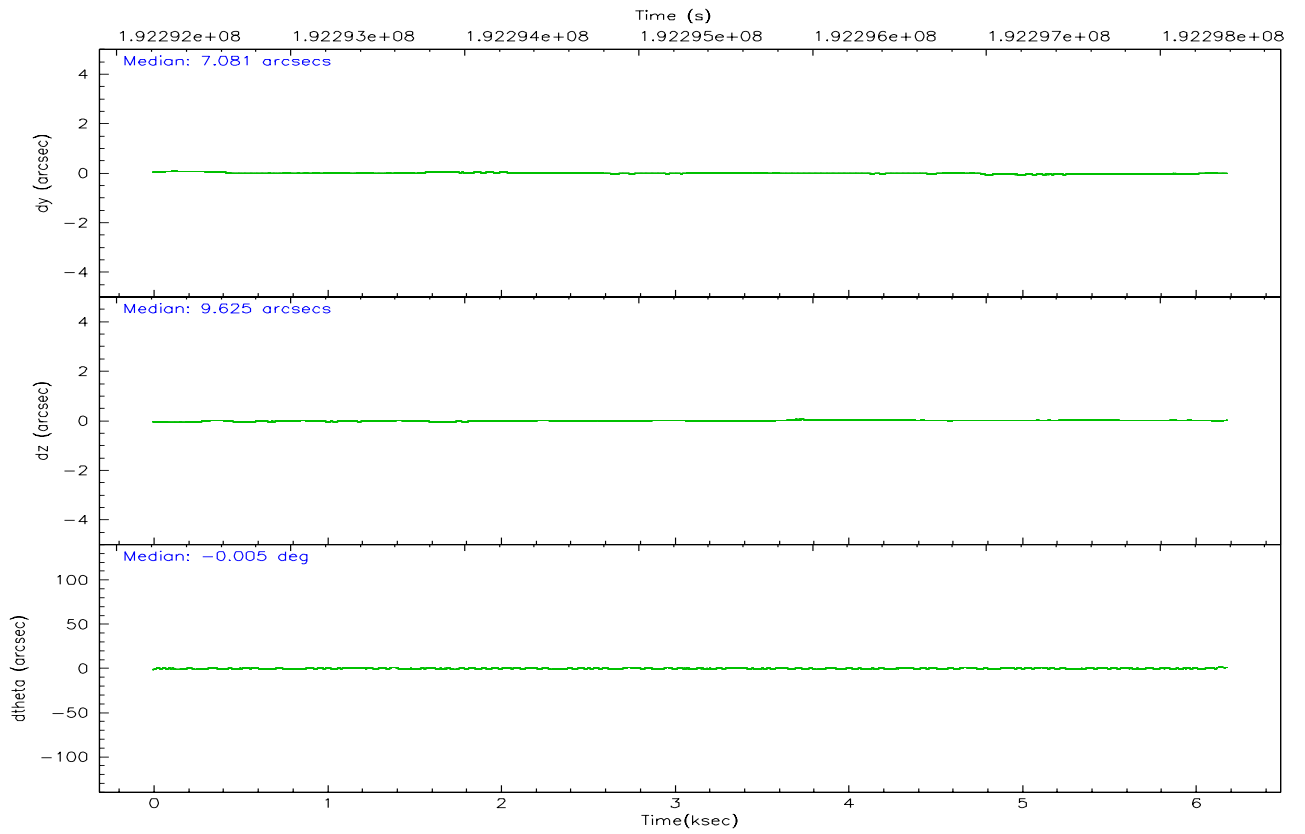
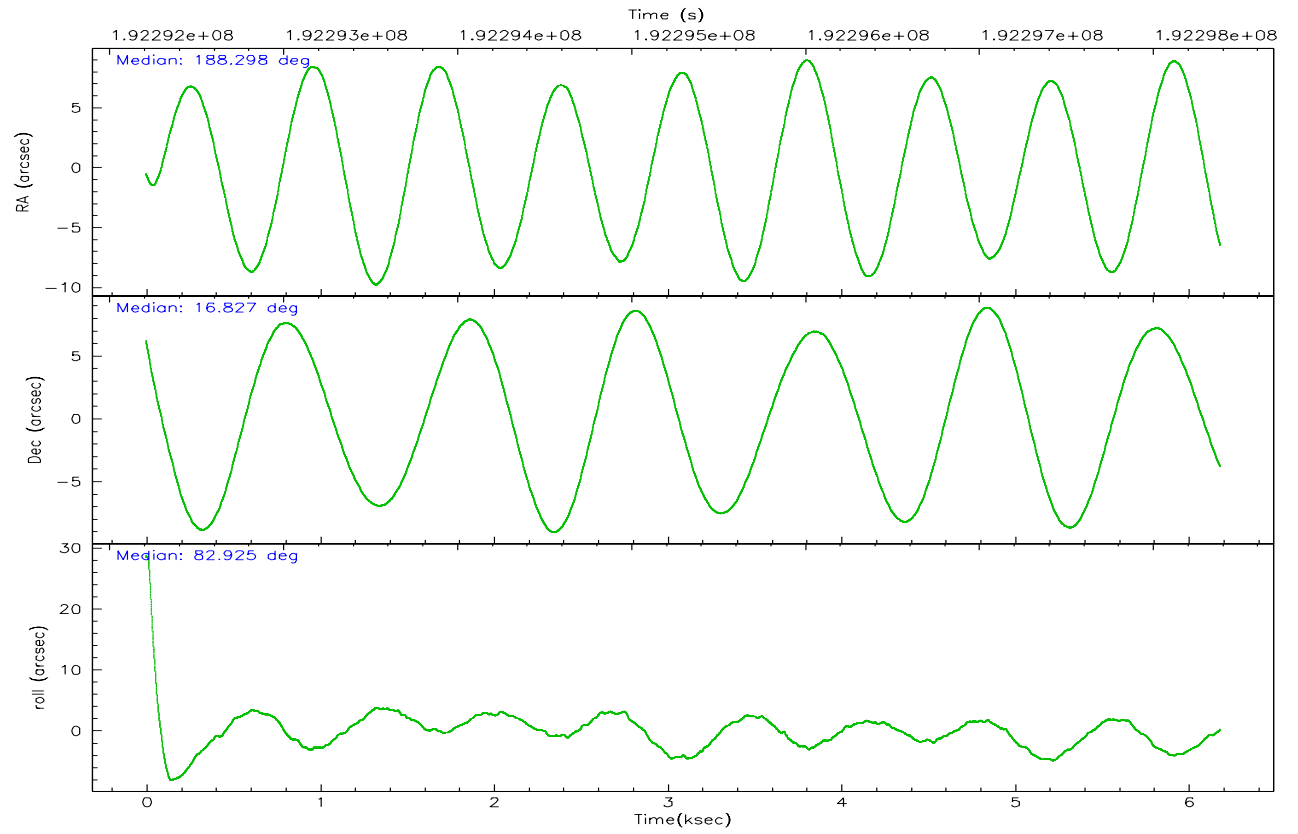
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1964	1979	4672	1943	1178	3191
	5%	5%	7%	5%	2%	6%
grade 1 events	19	24	62	20	35	35
	0%	0%	0%	0%	0%	0%
grade 2 events	995	830	8270	895	5031	2141
	2%	2%	13%	2%	9%	4%
grade 3 events	443	459	777	465	982	930
	1%	1%	1%	1%	1%	1%
grade 4 events	417	402	708	425	1052	901
	1%	1%	1%	1%	2%	1%
grade 5 events	1478	1643	3017	1759	3449	2247
	3%	4%	4%	4%	6%	4%
grade 6 events	748	764	14614	942	11784	2631
	1%	2%	23%	2%	22%	5%
grade 7 events	32855	30347	30254	31385	28688	34505
	84%	83%	48%	82%	54%	74%

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	188.309000	188.2975979304995	Alternating exposures requested	N	N
Pointing Dec	16.802423	16.82733115742638	Primary exposure time	0.000000	3.2
Pointing Roll	82.777925	82.93792919603474			
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	192292386.184000	192291289.55328			
Observation start date	2004-02-04T14:32:02	2004-02-04T14:14:49			
Observation end time	192298386.184000	192299322.99113			
Observation end date	2004-02-04T16:12:02	2004-02-04T16:28:42			
Read mode	TIMED	TIMED			

2.3 Aspect



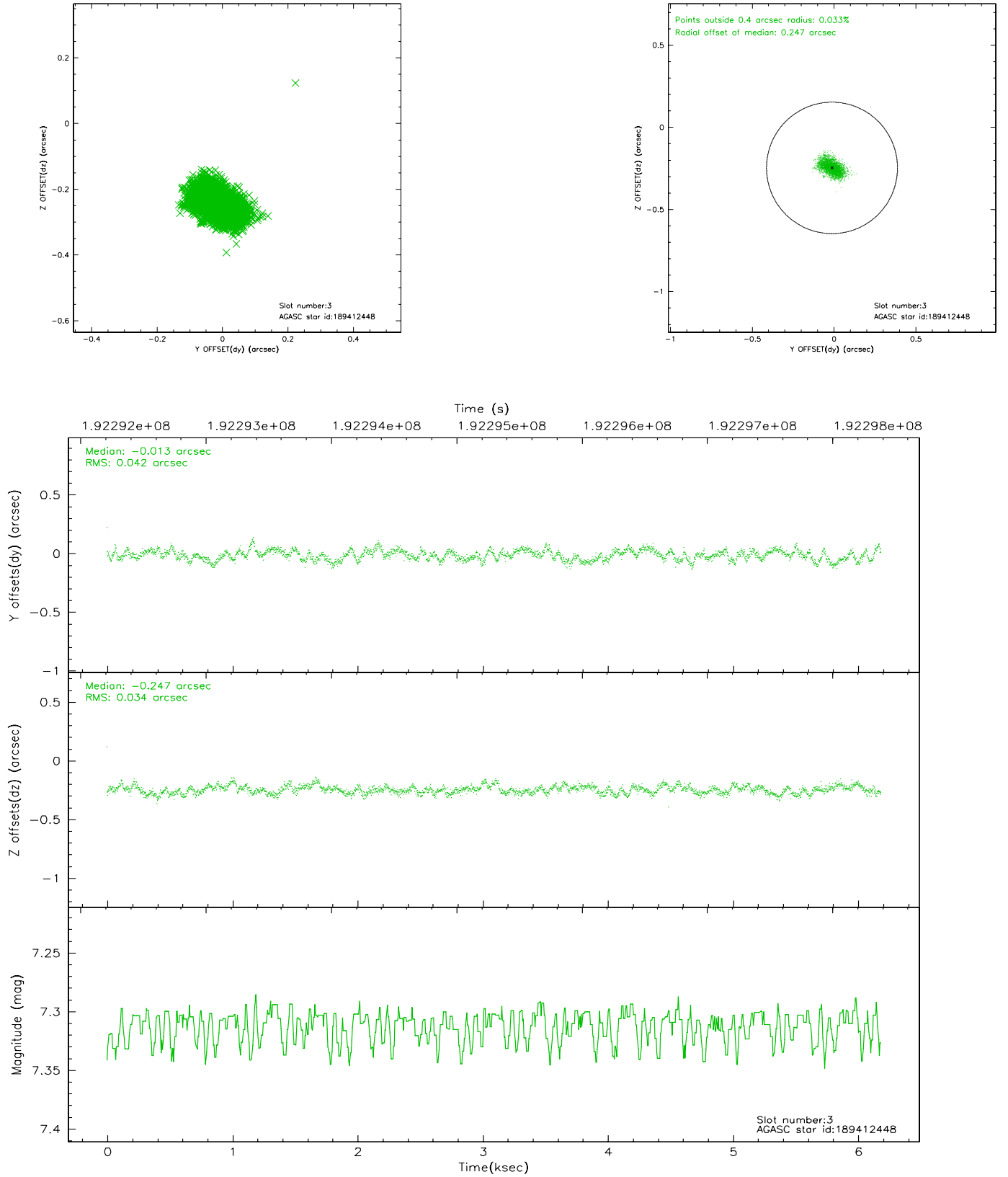


Slot Statistics

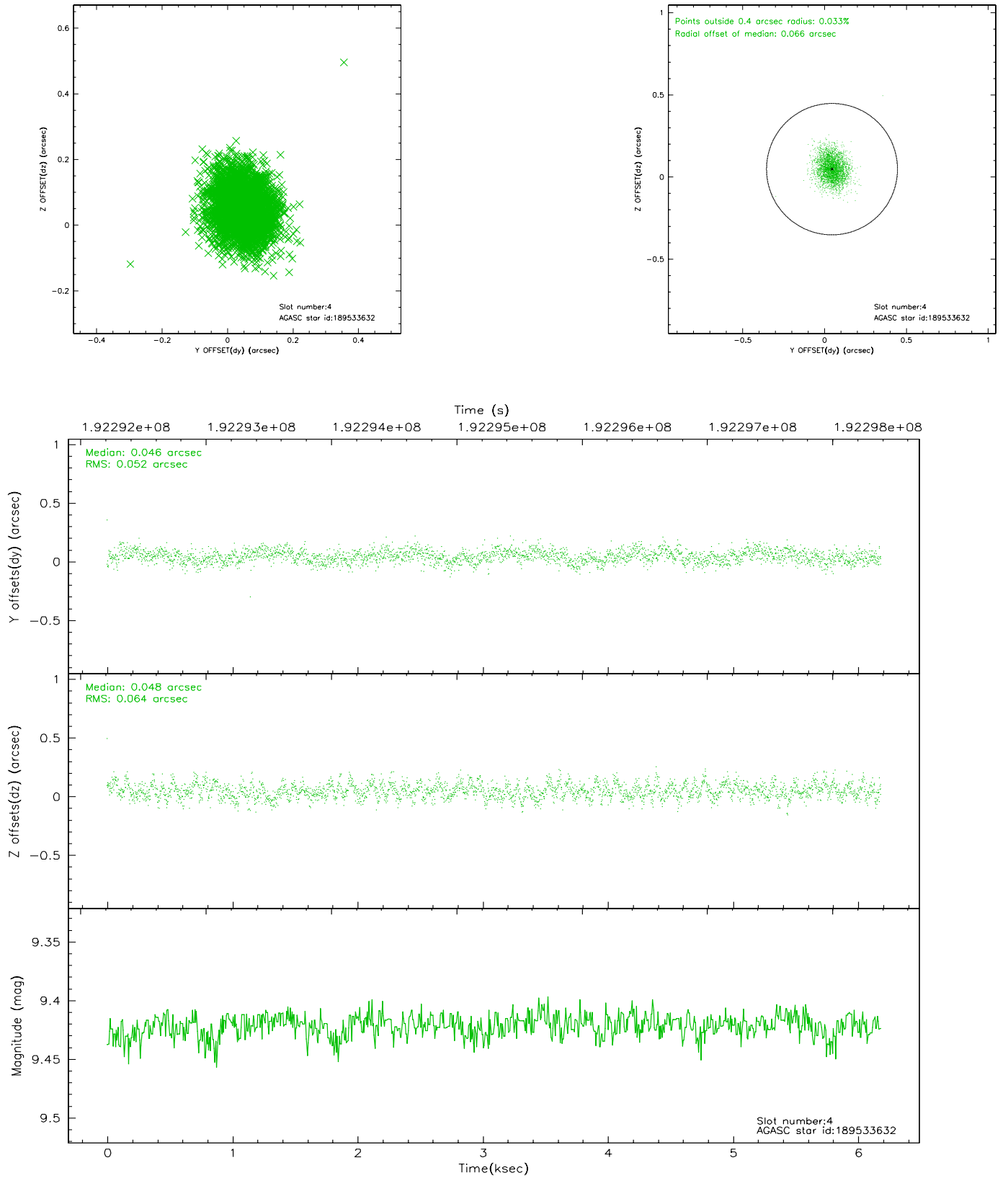
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1509	-0.030	0.001	0.007	0.011	0.000000	0.000000	-759.83	-1730.87
1	FID	ACIS-S-4	7.20	1509	0.028	0.014	0.005	0.009	0.000000	0.000000	2153.04	176.68
2	FID	ACIS-S-5	7.23	1509	-0.029	-0.007	0.006	0.011	0.000000	0.000000	-1811.48	171.35
3	GUIDE	189412448	7.31	3017	-0.013	-0.247	0.057	0.091	187.776697	16.614118	-901.28	1736.81
4	GUIDE	189533632	9.42	3016	0.046	0.048	0.087	0.140	188.646001	16.426664	-1194.50	-1323.61
5	GUIDE	189535528	9.23	3017	-0.080	0.127	0.096	0.155	188.943906	16.829854	376.61	-2157.24
6	GUIDE	189537232	8.49	3015	-0.032	0.191	0.059	0.096	188.329566	16.530049	-963.47	-193.95
7	GUIDE	189537728	9.32	3015	0.079	-0.115	0.092	0.148	188.083246	16.538135	-1041.55	653.43

2.4 Star Slots

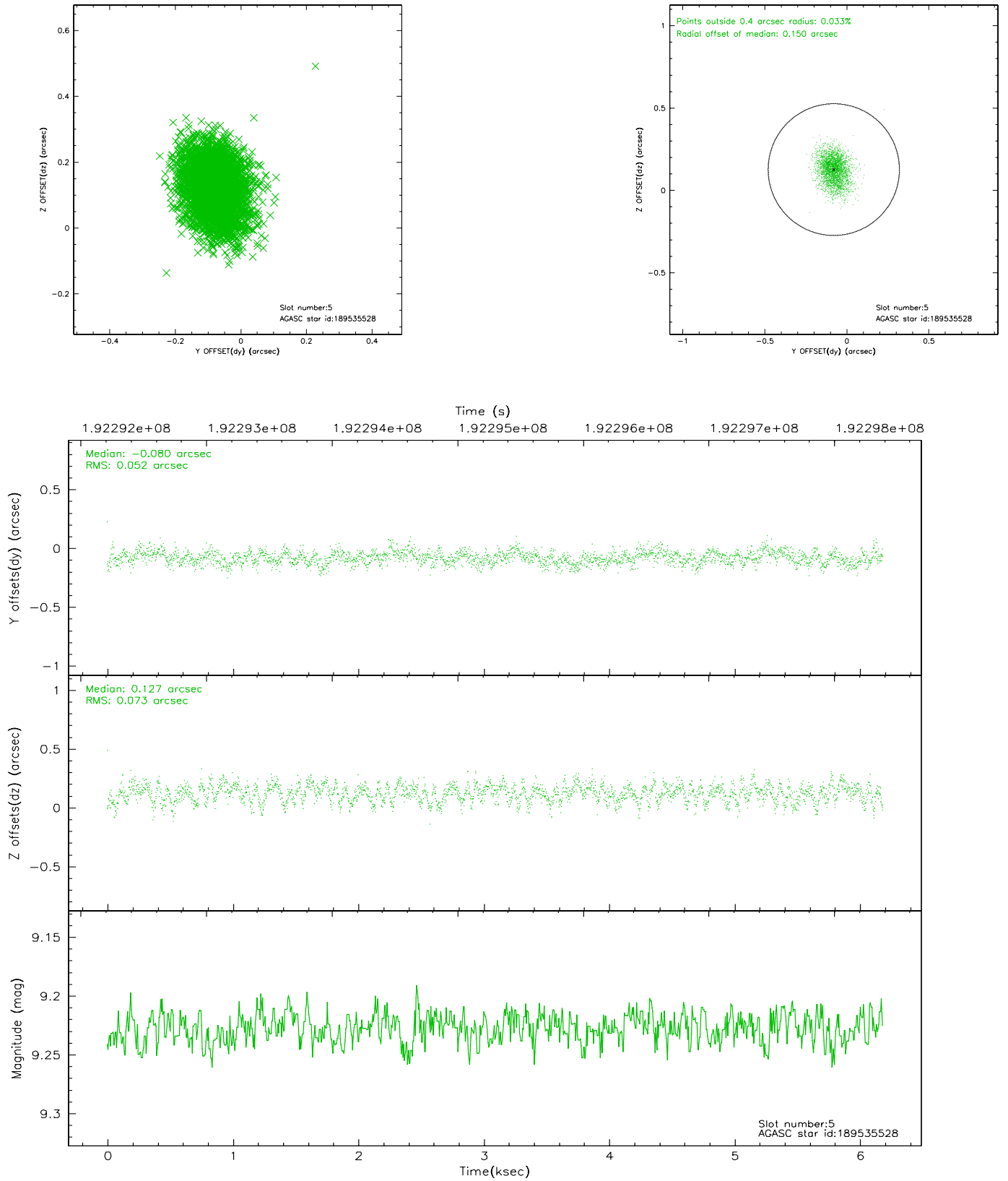
2.4.1 Slot 3



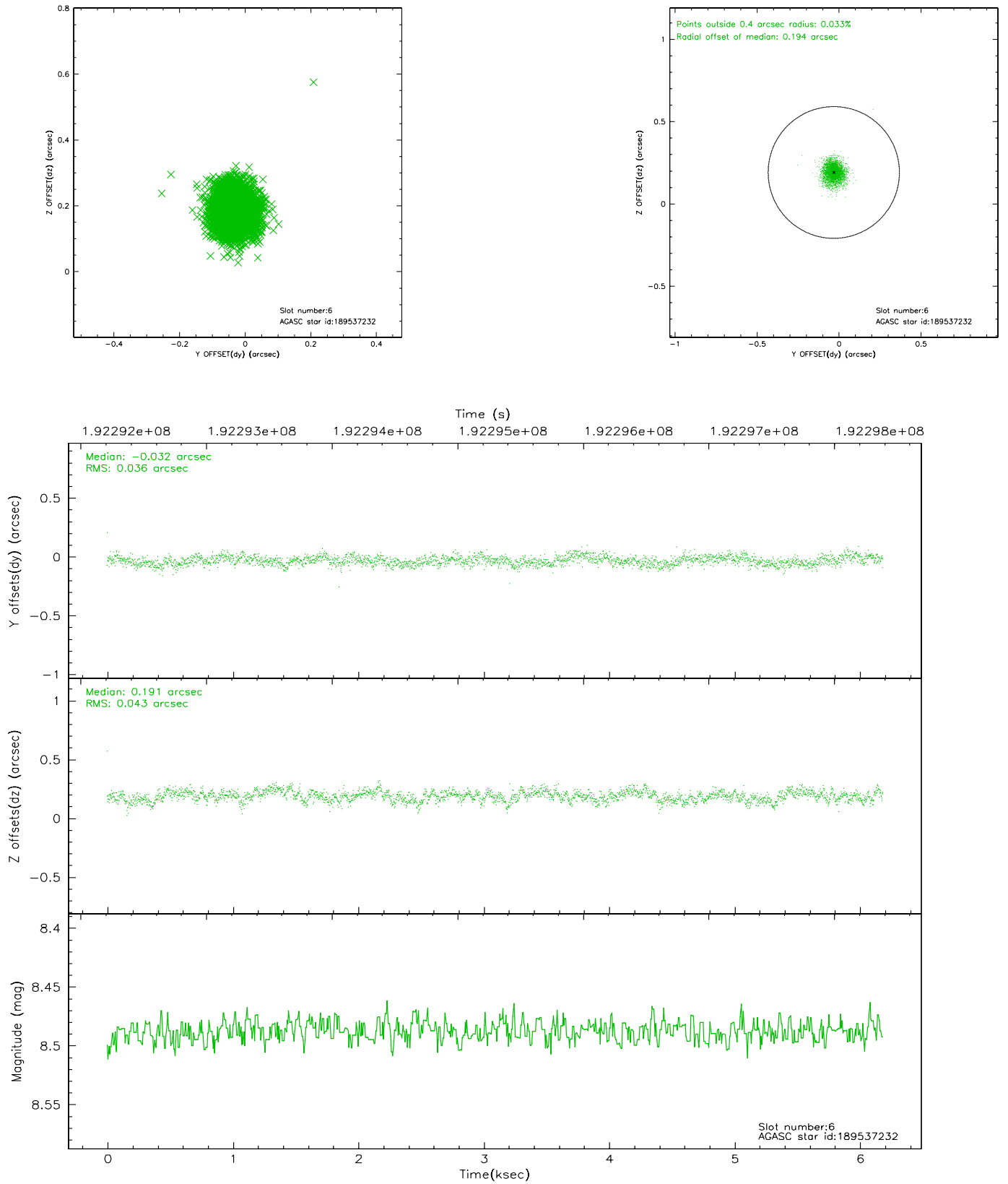
2.4.2 Slot 4



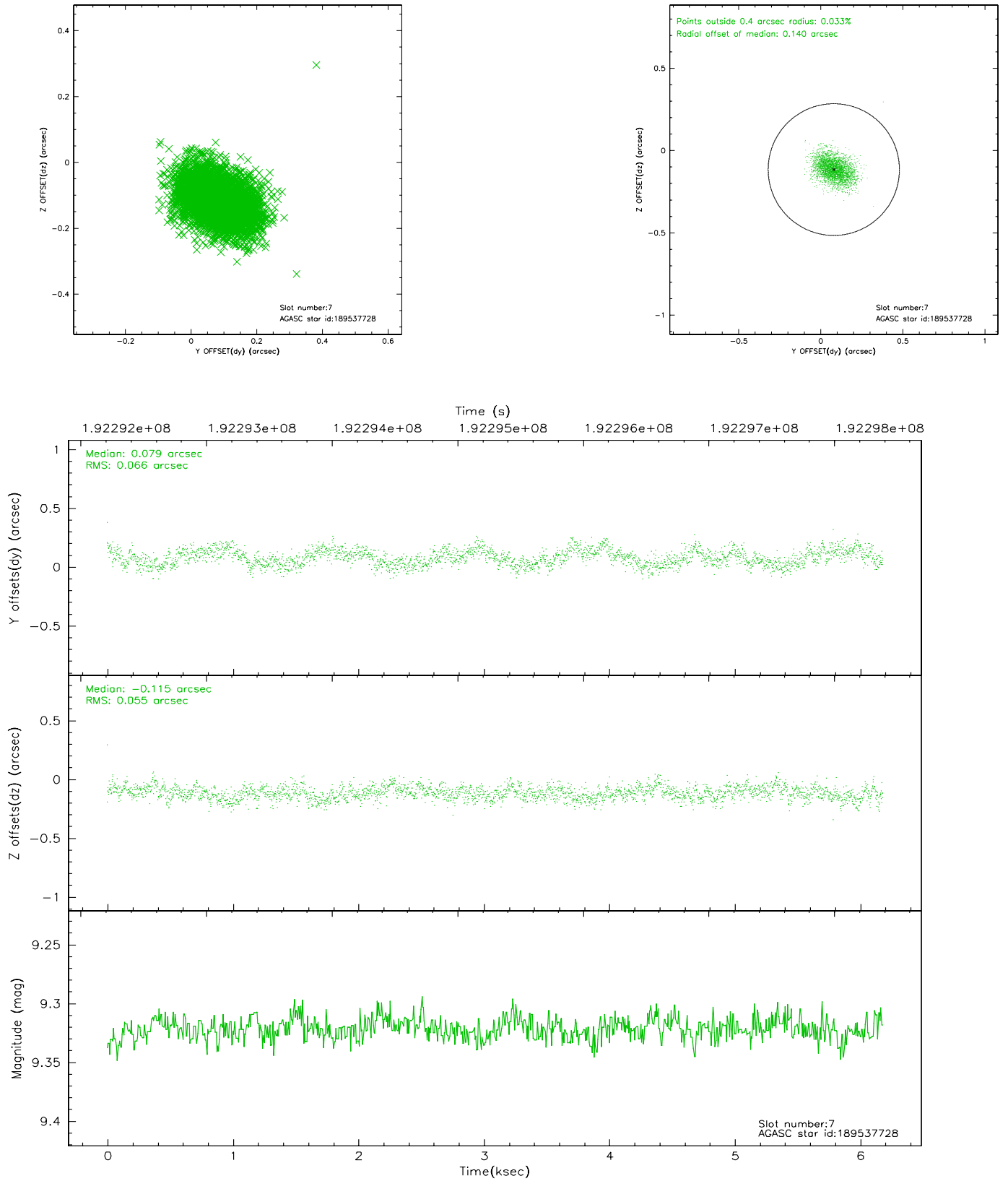
2.4.3 Slot 5



2.4.4 Slot 6

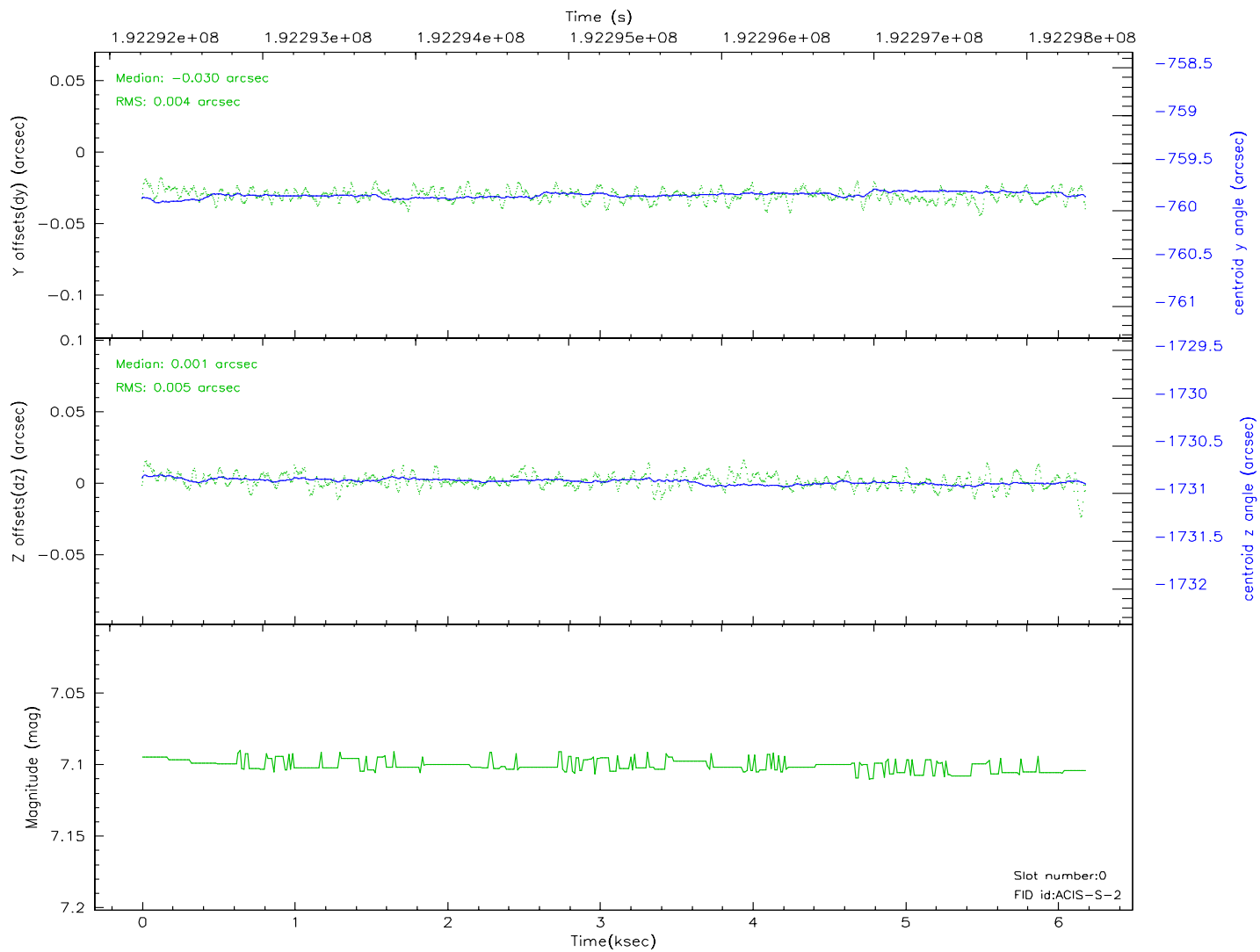
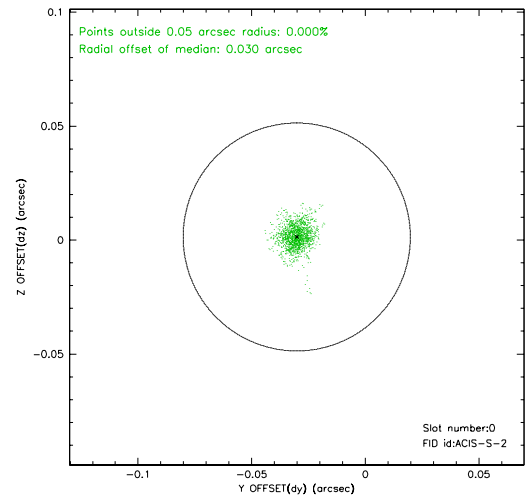
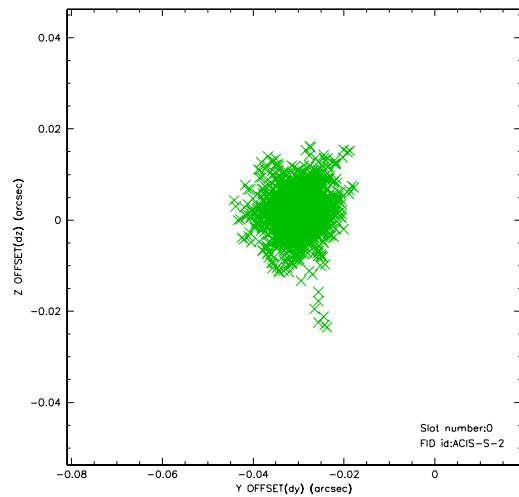


2.4.5 Slot 7

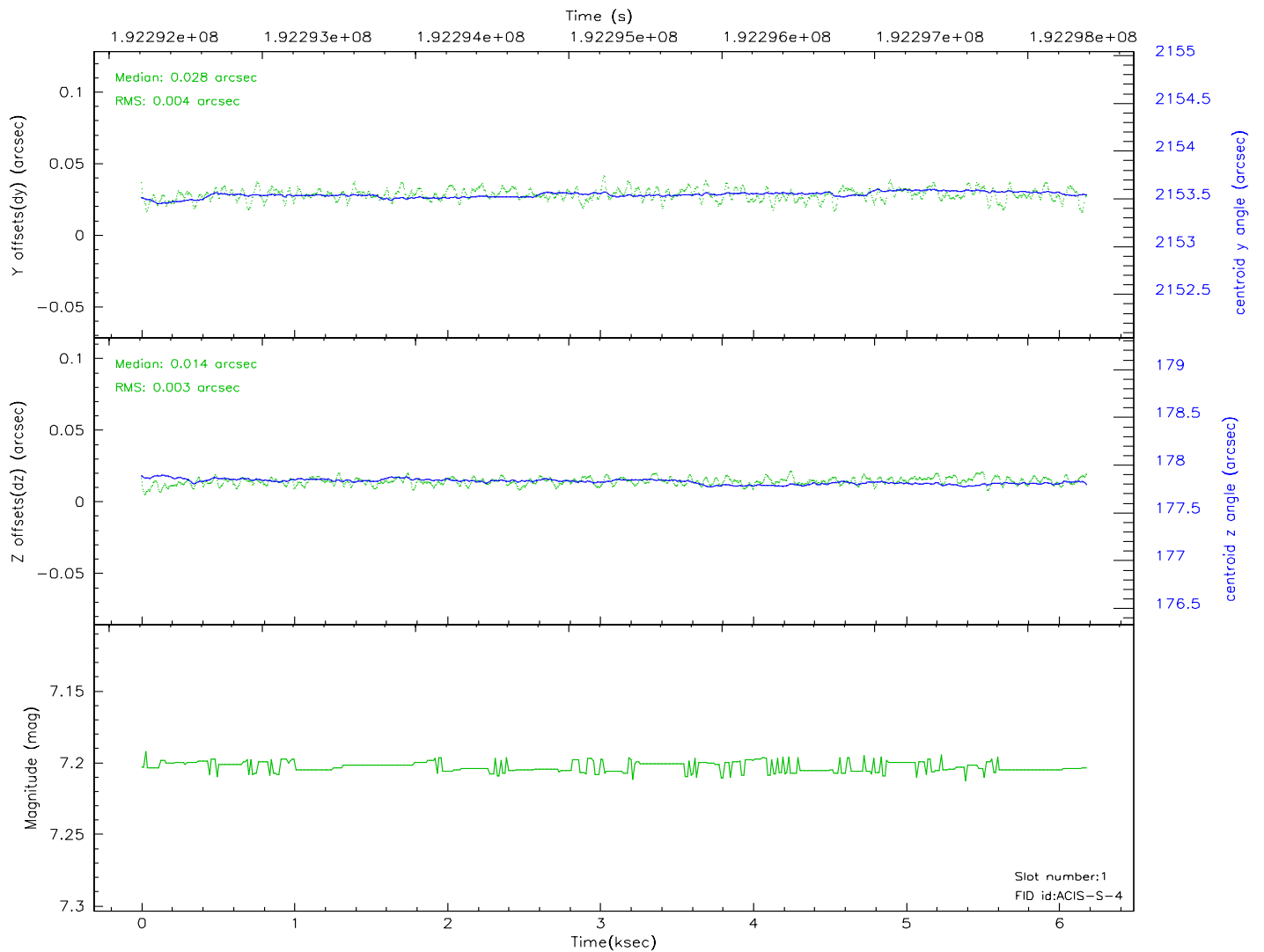
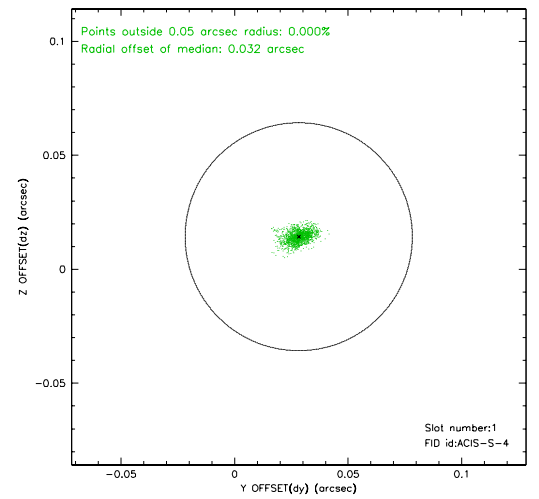
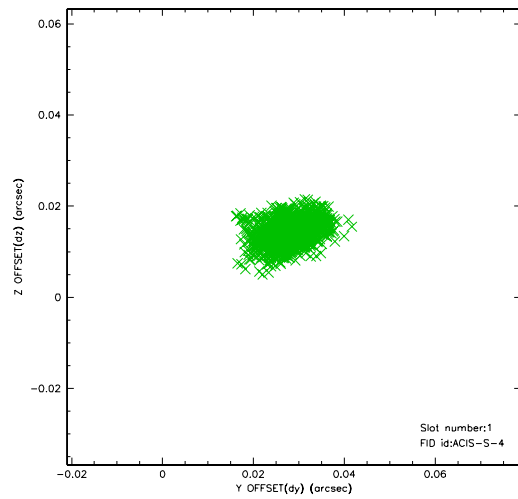


2.5 FID Slots

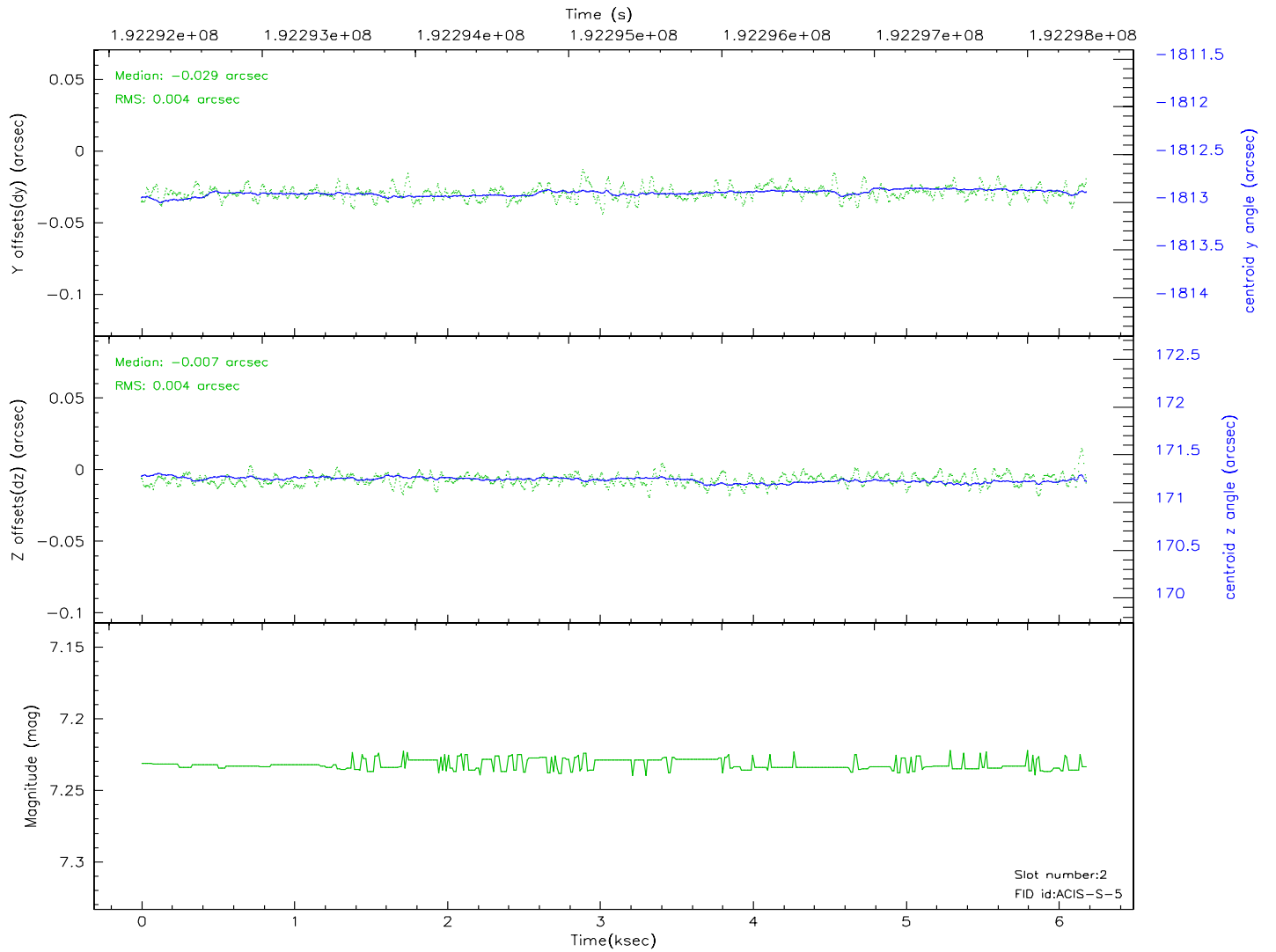
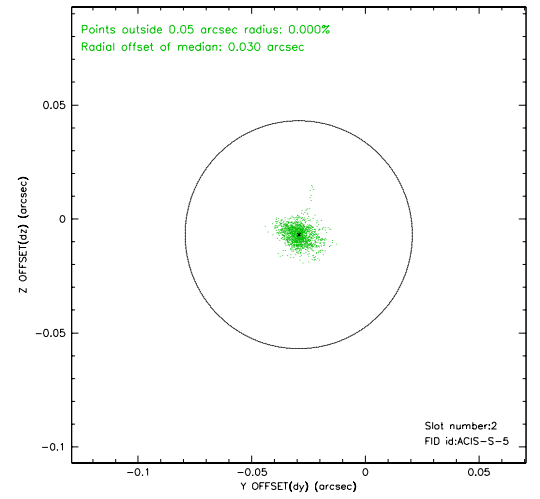
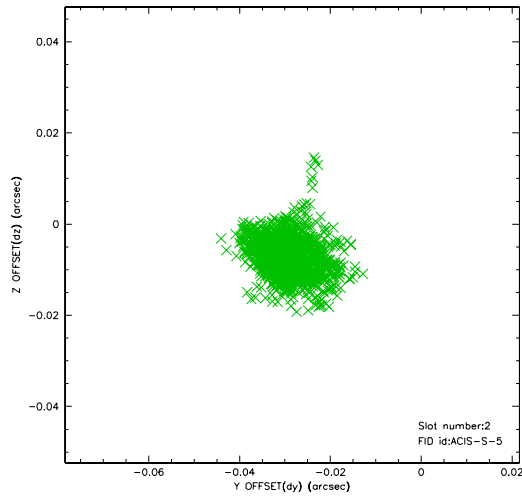
2.5.1 Slot 0



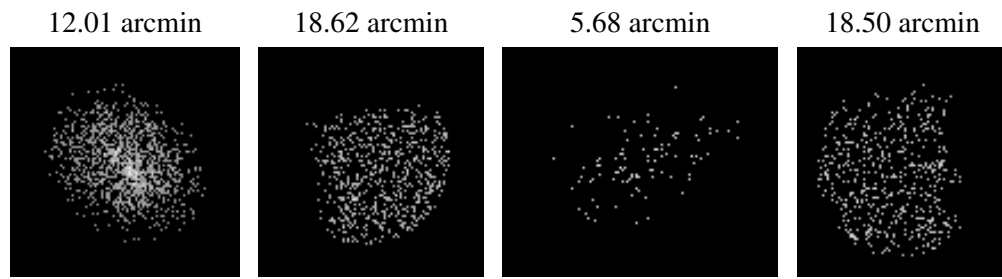
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.175

A.2 Comments