

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3260 - L2 Version 001
Chandra X-Ray Center

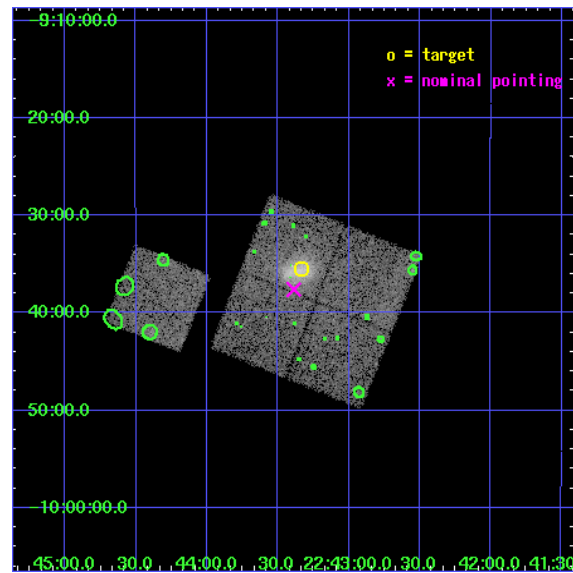
L2 Processing Date : Oct 15 2006

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1 Front

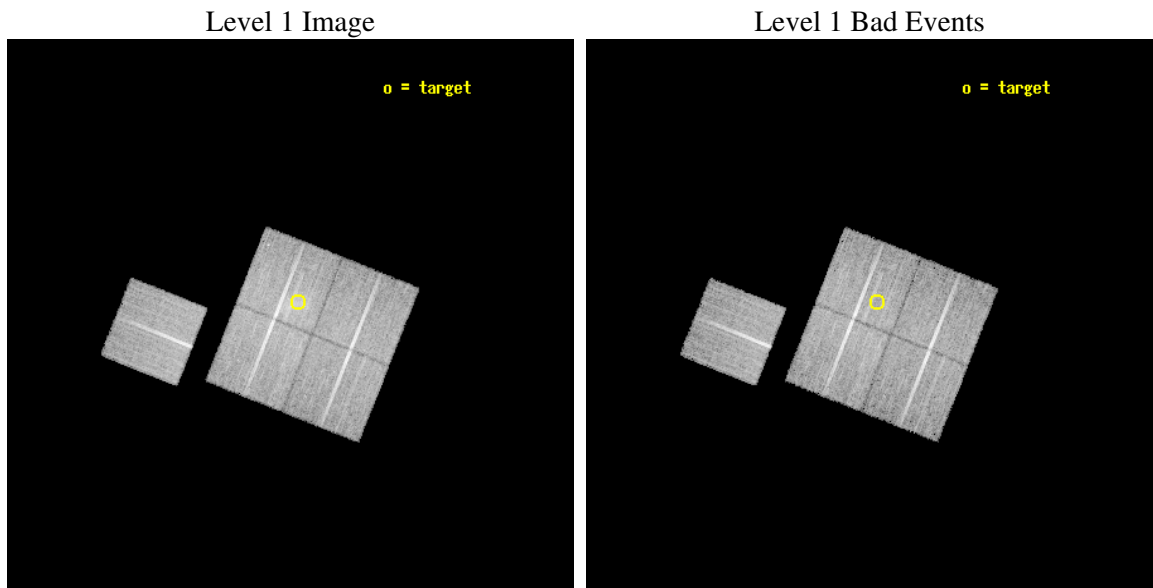
seq_num	800260
obs_id	3260
title	OBSERVATION OF MACS CLUSTERS, 0.45
observer	DR. LEON VANSPEYBROECK
object	MACS-J2243.3-0935
dtcycle	0
cycle	P
ra_targ	340.834583
dec_targ	-9.591111
ra_nom	340.84687573708
dec_nom	-9.6267324553467
roll_nom	291.73845884221
revision	2
ontime	20773.099960059
livetime	20501.684116147
ontime0	20769.958999813
ontime1	20773.099960059
ontime2	20773.099960059
ontime3	20773.099960059
ontime6	20773.099960059
l2events	54639



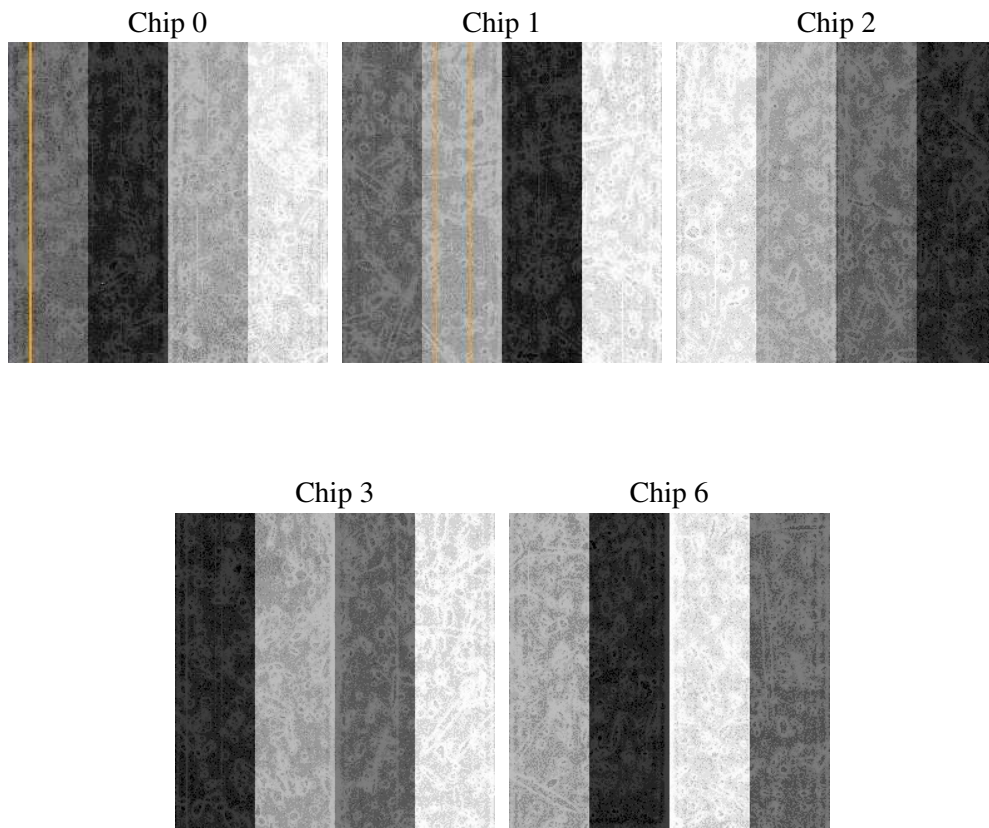
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-16T01:27:10
revision	2

sched_exp_time	21000.000000
ontime	20777.722117752
ontime0	20774.581157506
ontime1	20777.722117752
ontime2	20777.722117752
ontime3	20777.722117752
ontime6	20777.722117752
l1events	518051

2.1.4 Events

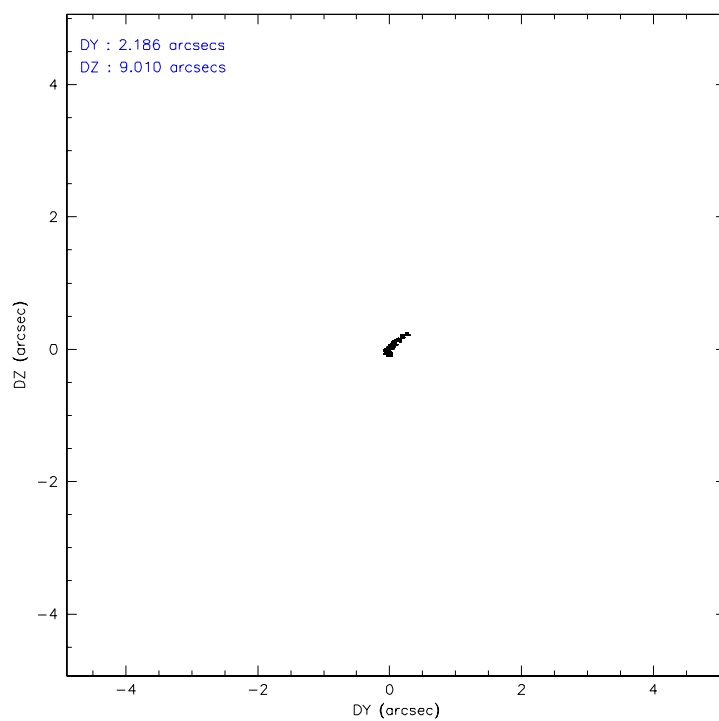
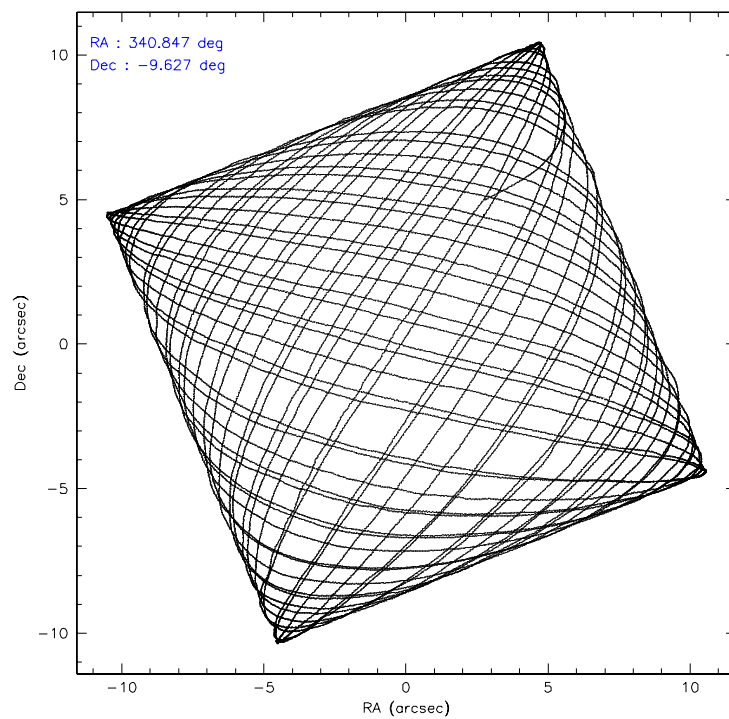
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	94796	97236	109543	114087	102389
rejected events	84049	84996	98491	95744	90770
rejected %	88%	87%	89%	83%	88%

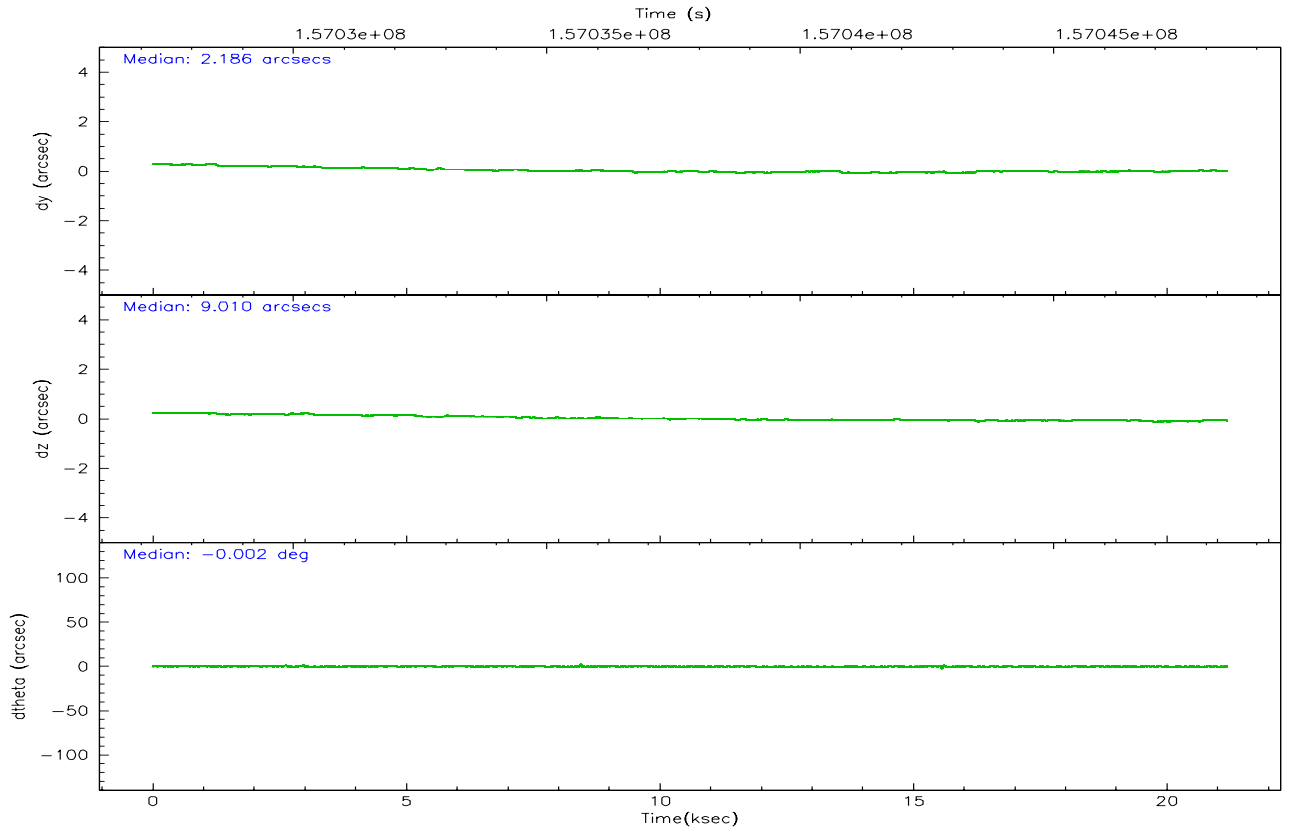
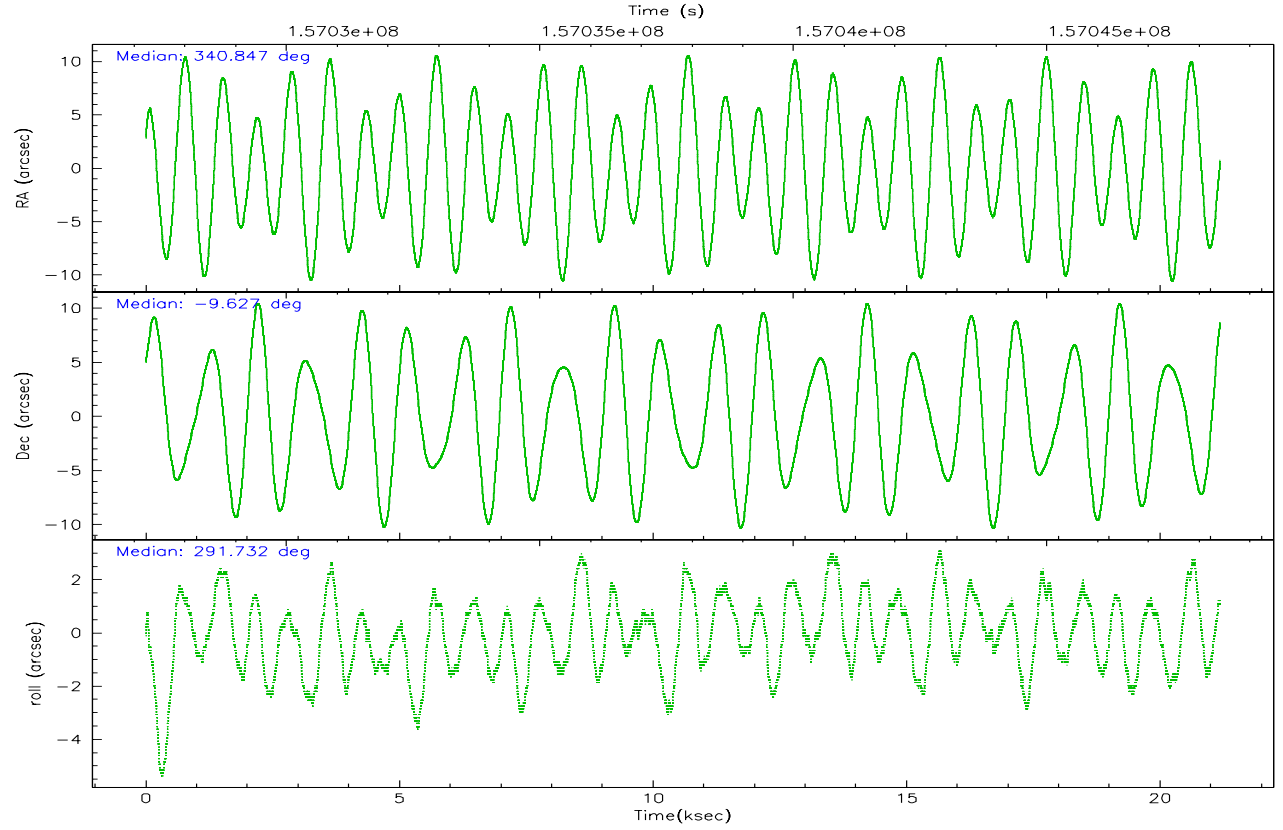
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4207	4859	4469	10676	4552
	4%	4%	4%	9%	4%
grade 1 events	48	44	50	90	37
	0%	0%	0%	0%	0%
grade 2 events	2245	2440	2422	2879	2323
	2%	2%	2%	2%	2%
grade 3 events	1189	1334	1139	1335	1266
	1%	1%	1%	1%	1%
grade 4 events	1138	1353	1153	1343	1228
	1%	1%	1%	1%	1%
grade 5 events	3469	3797	3368	3964	4107
	3%	3%	3%	3%	4%
grade 6 events	1969	2258	1874	2119	2252
	2%	2%	1%	1%	2%
grade 7 events	80531	81151	95068	91681	86624
	84%	83%	86%	80%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	340.825011	340.8468757370815	Subarray requested	NONE	NONE
Pointing Dec	-9.609877	-9.626732455346696	Alternating exposures requested	N	N
Pointing Roll	291.526122	291.7384588422111	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.742463	-227.734108438797			
SIM translation stage offset (mm)	-5.85	-5.858344564132665			
Observation start time	157027418.184000	157026740.63638			
Observation start date	2002-12-23T10:42:34	2002-12-23T10:32:20			
Observation end time	157048418.184000	157048747.8998			
Observation end date	2002-12-23T16:32:34	2002-12-23T16:39:07			
Read mode	TIMED	TIMED			

2.3 Aspect



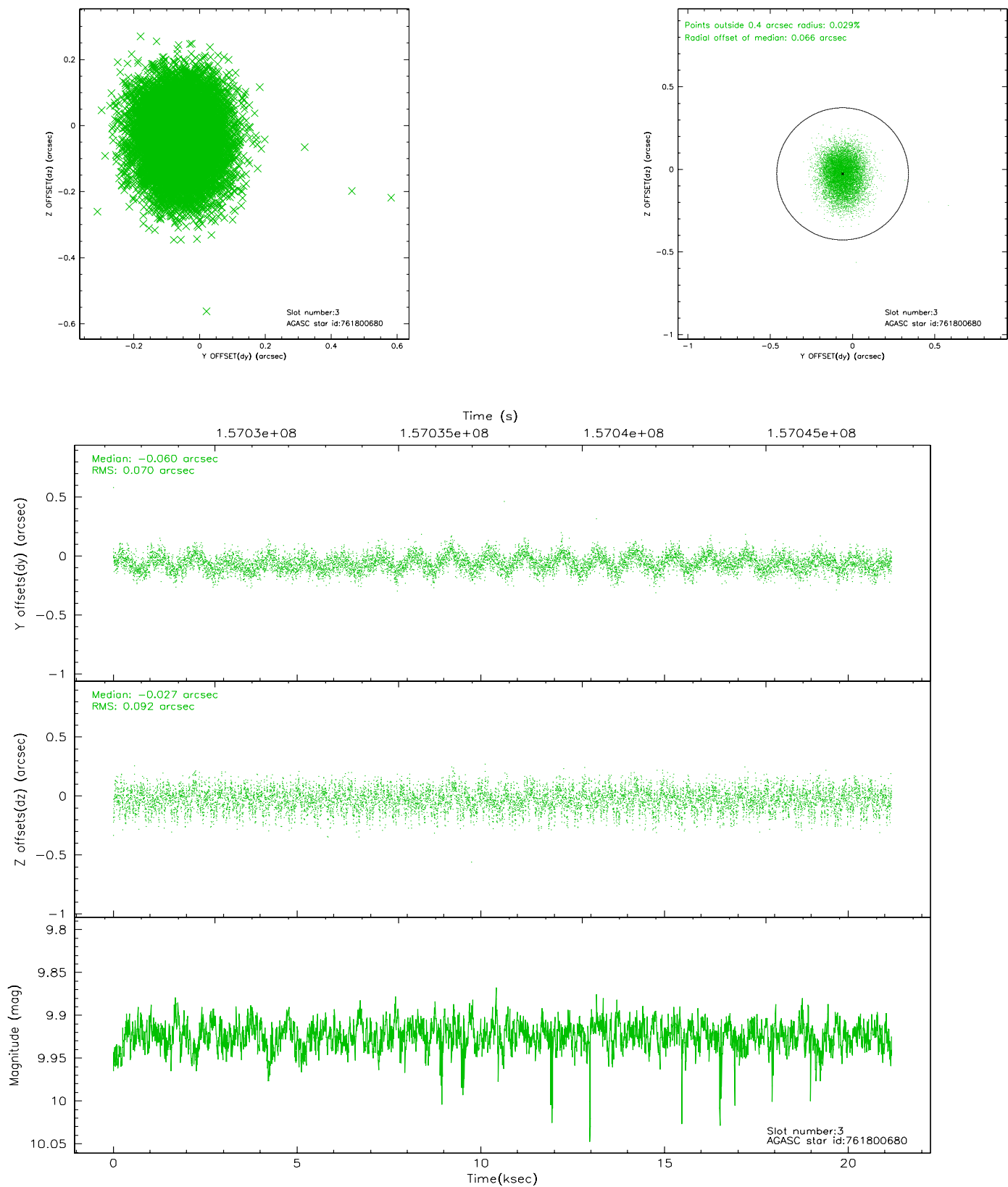


Slot Statistics

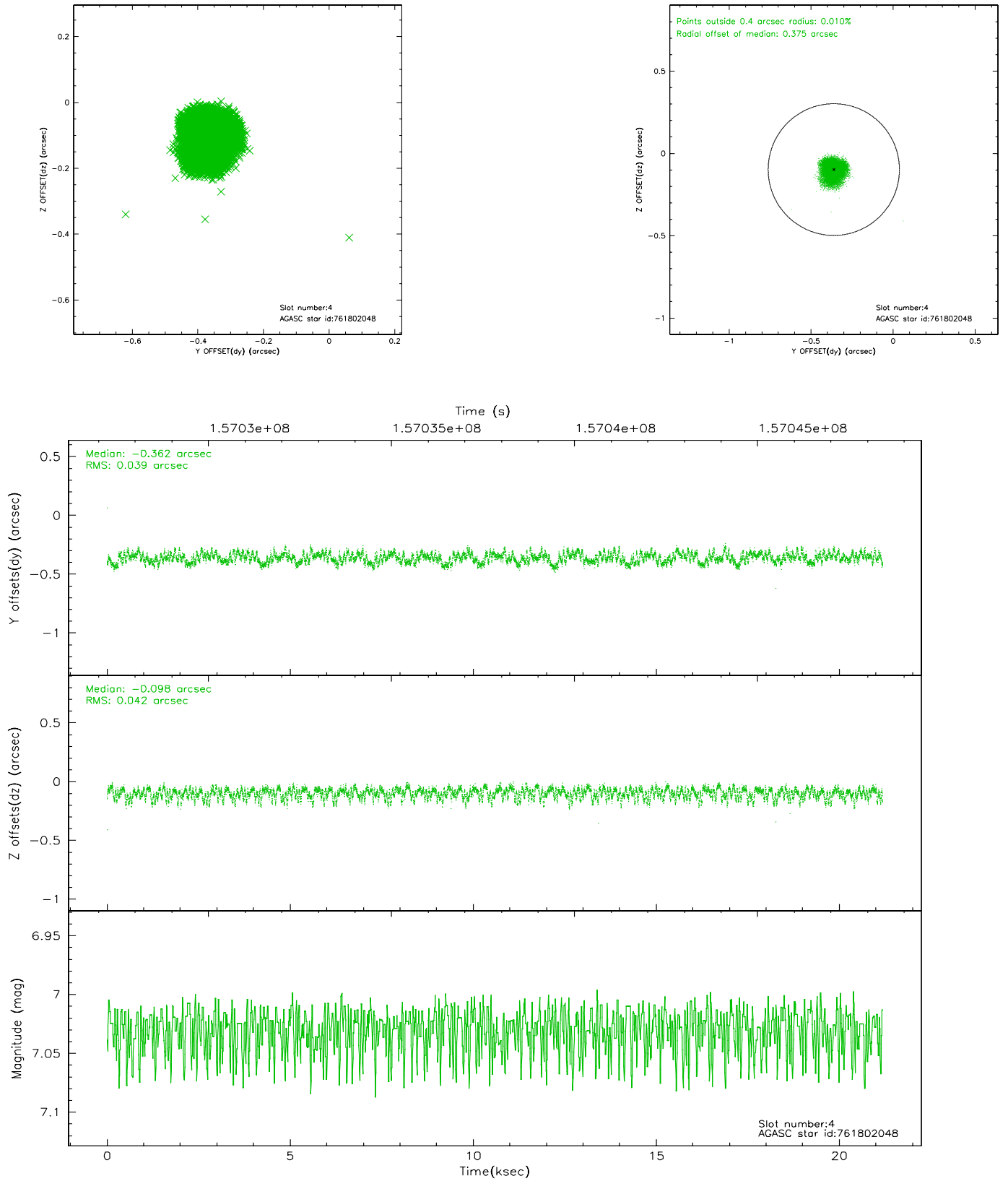
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5167	0.013	0.014	0.008	0.015	0.000000	0.000000	937.48	-952.72
1	FID	ACIS-I-5	7.23	5166	-0.100	0.052	0.007	0.011	0.000000	0.000000	-1810.63	944.72
2	FID	ACIS-I-6	7.25	5167	-0.005	0.005	0.008	0.013	0.000000	0.000000	402.85	1589.36
3	GUIDE	761800680	9.92	10326	-0.060	-0.027	0.123	0.199	340.176971	-9.692851	-563.37	-2249.29
4	GUIDE	761802048	7.03	10335	-0.362	-0.098	0.062	0.096	340.033256	-9.359234	-1868.20	-2286.26
5	GUIDE	762190344	6.97	10335	0.048	0.074	0.058	0.091	340.755068	-10.102687	1559.68	-881.49
6	GUIDE	762192288	9.44	10325	0.355	-0.071	0.107	0.171	340.590512	-10.369462	2240.41	-1775.86
7	GUIDE	761798360	8.03	10333	0.022	0.125	0.079	0.121	341.580055	-9.698722	1283.97	2374.01

2.4 Star Slots

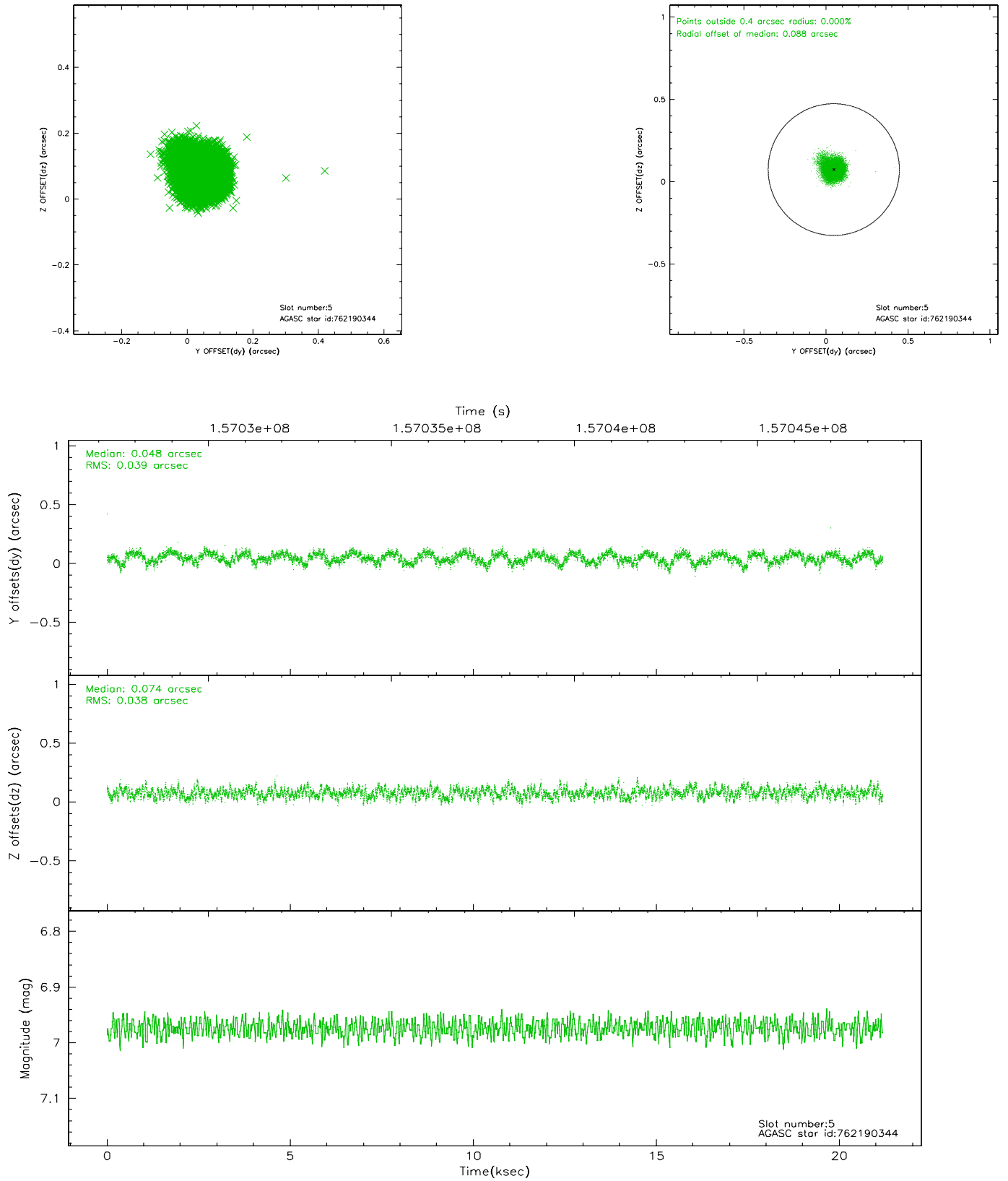
2.4.1 Slot 3



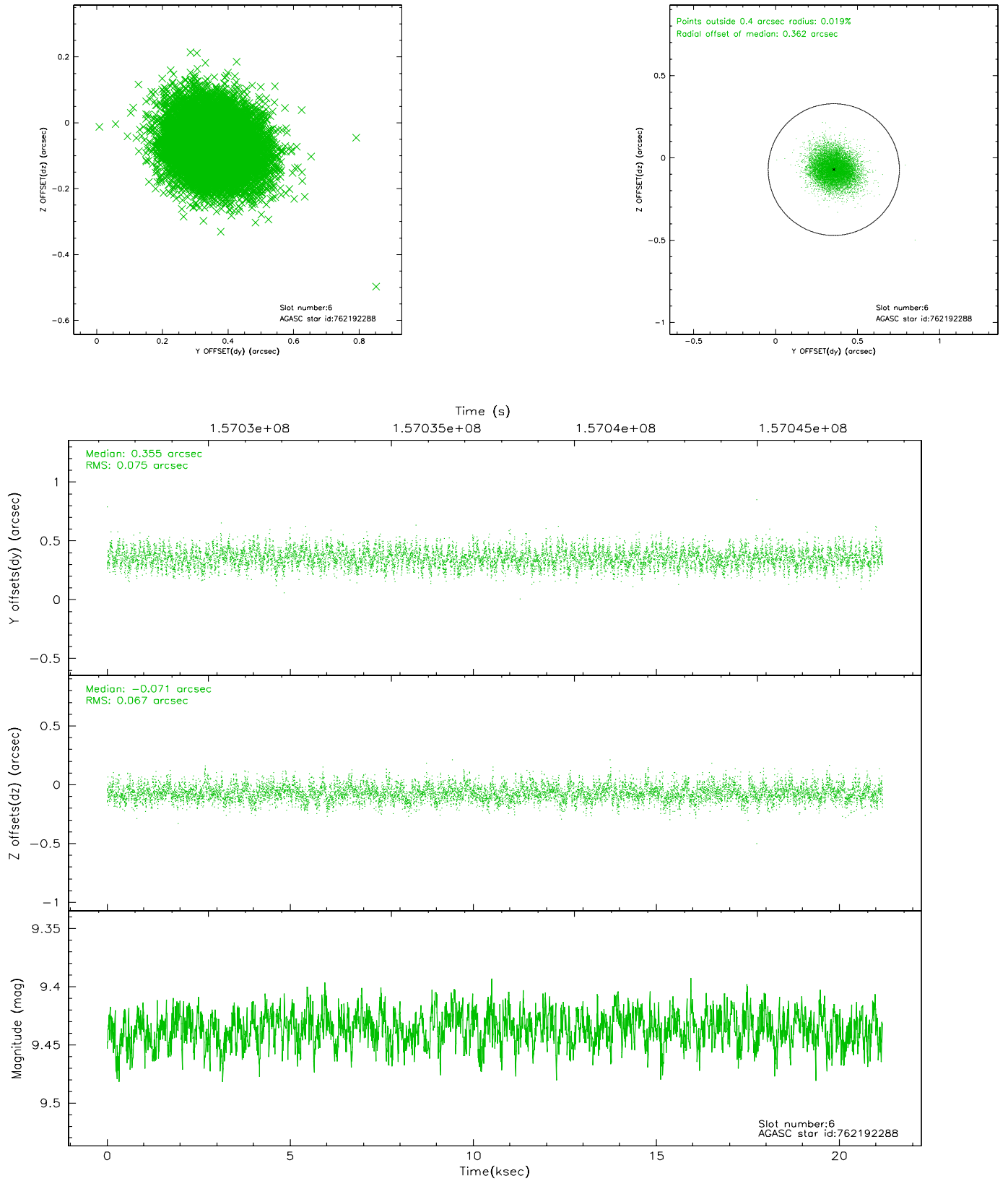
2.4.2 Slot 4



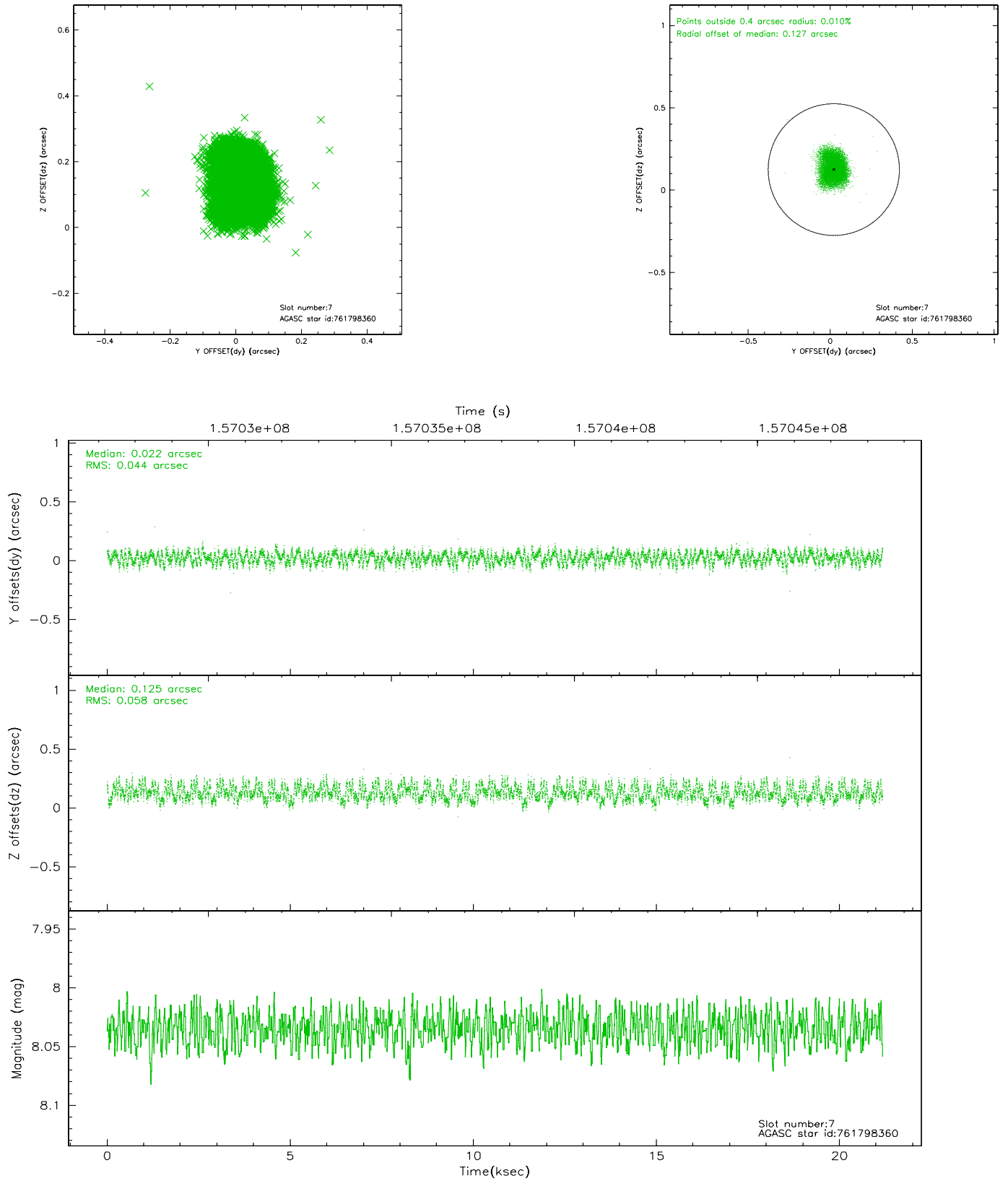
2.4.3 Slot 5



2.4.4 Slot 6

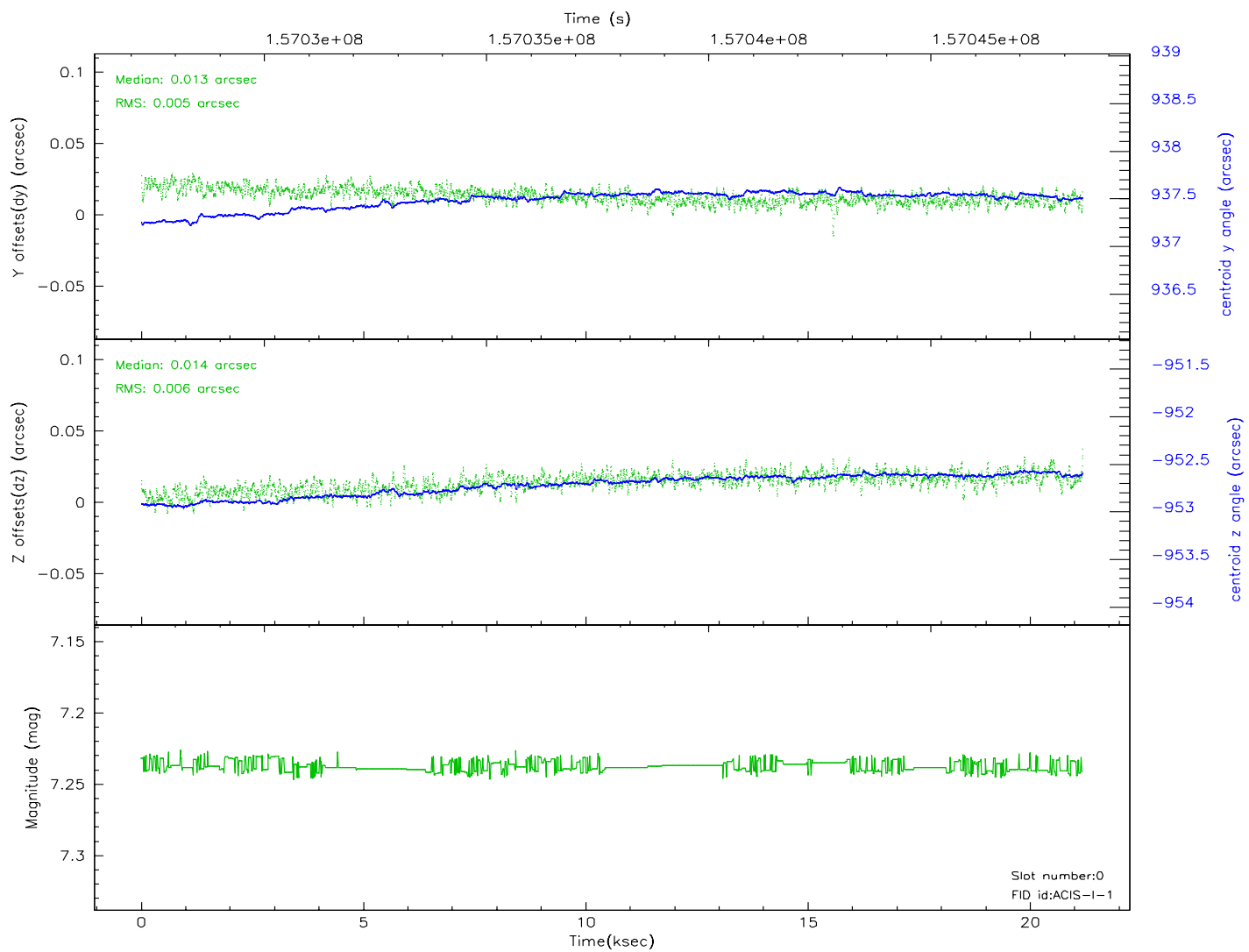
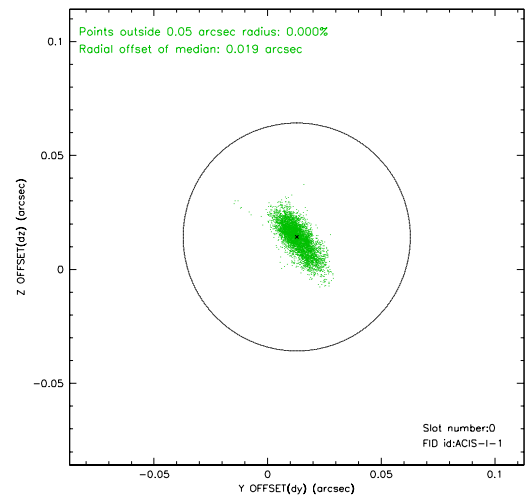
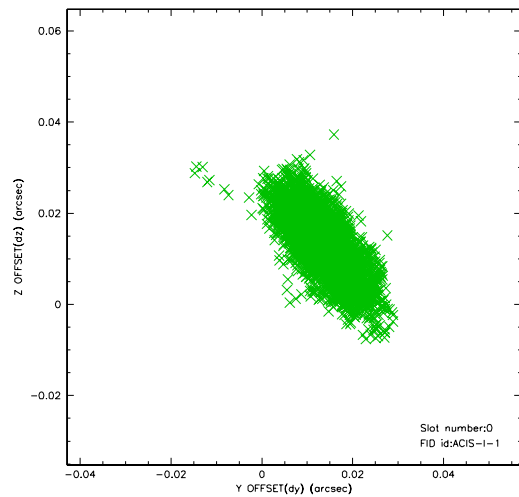


2.4.5 Slot 7

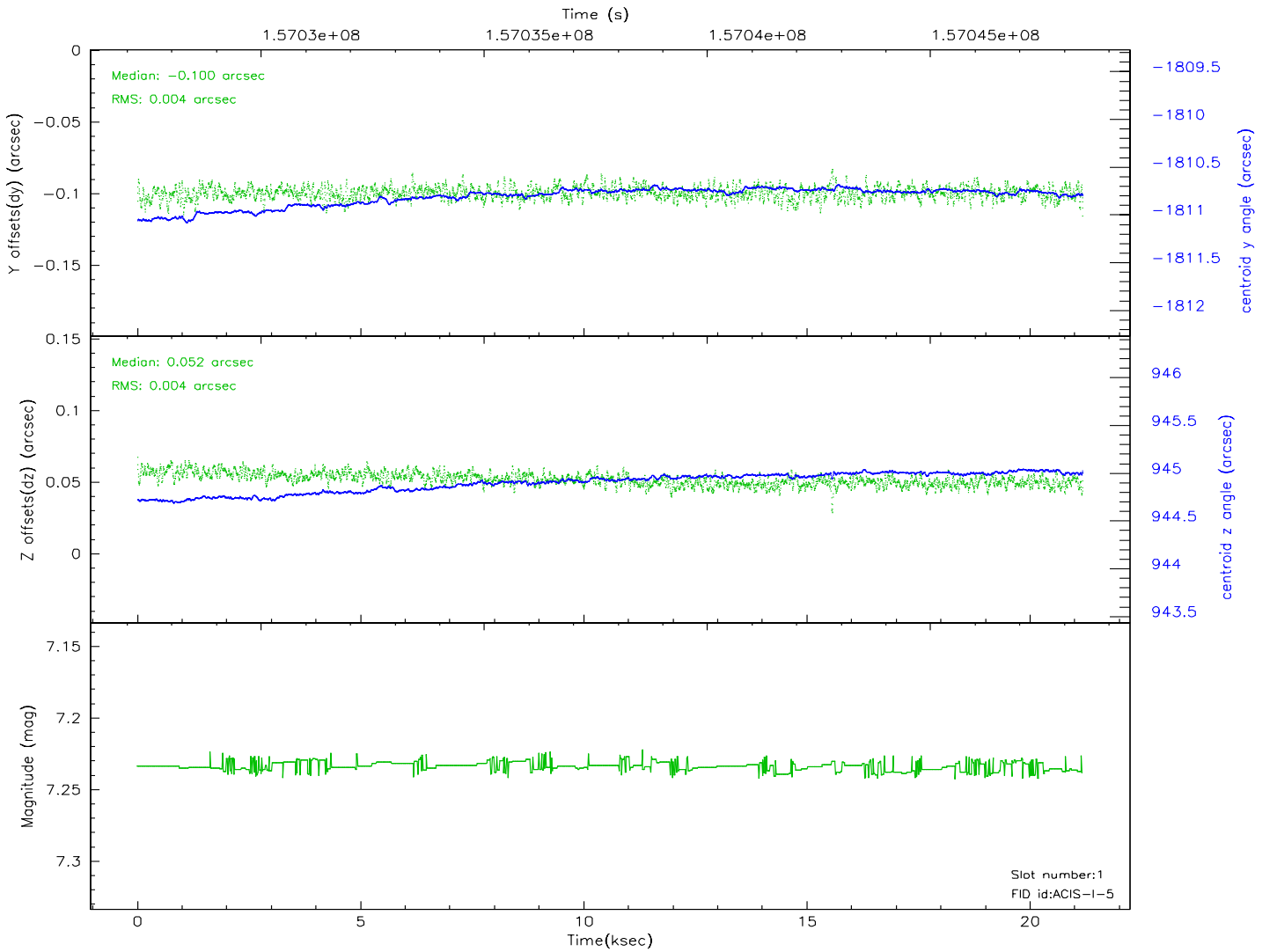
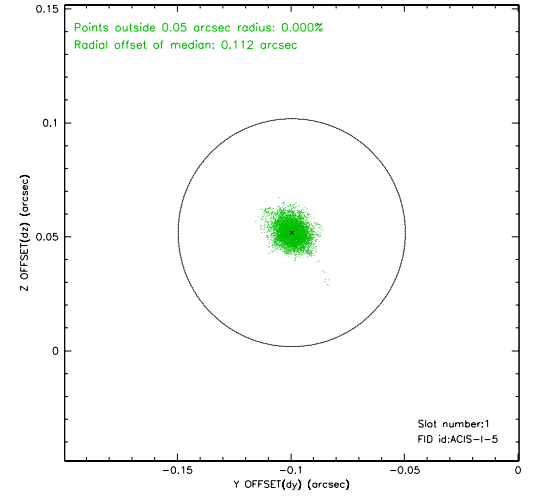
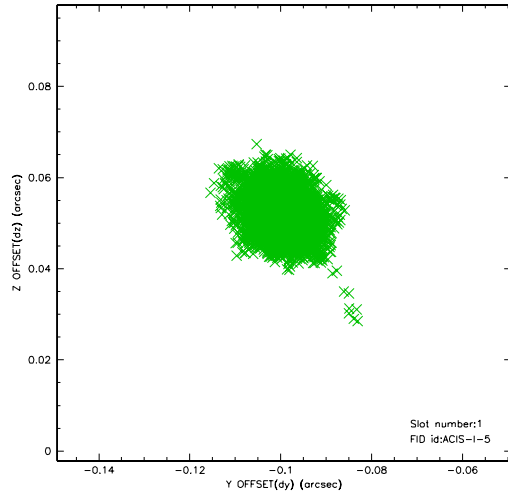


2.5 FID Slots

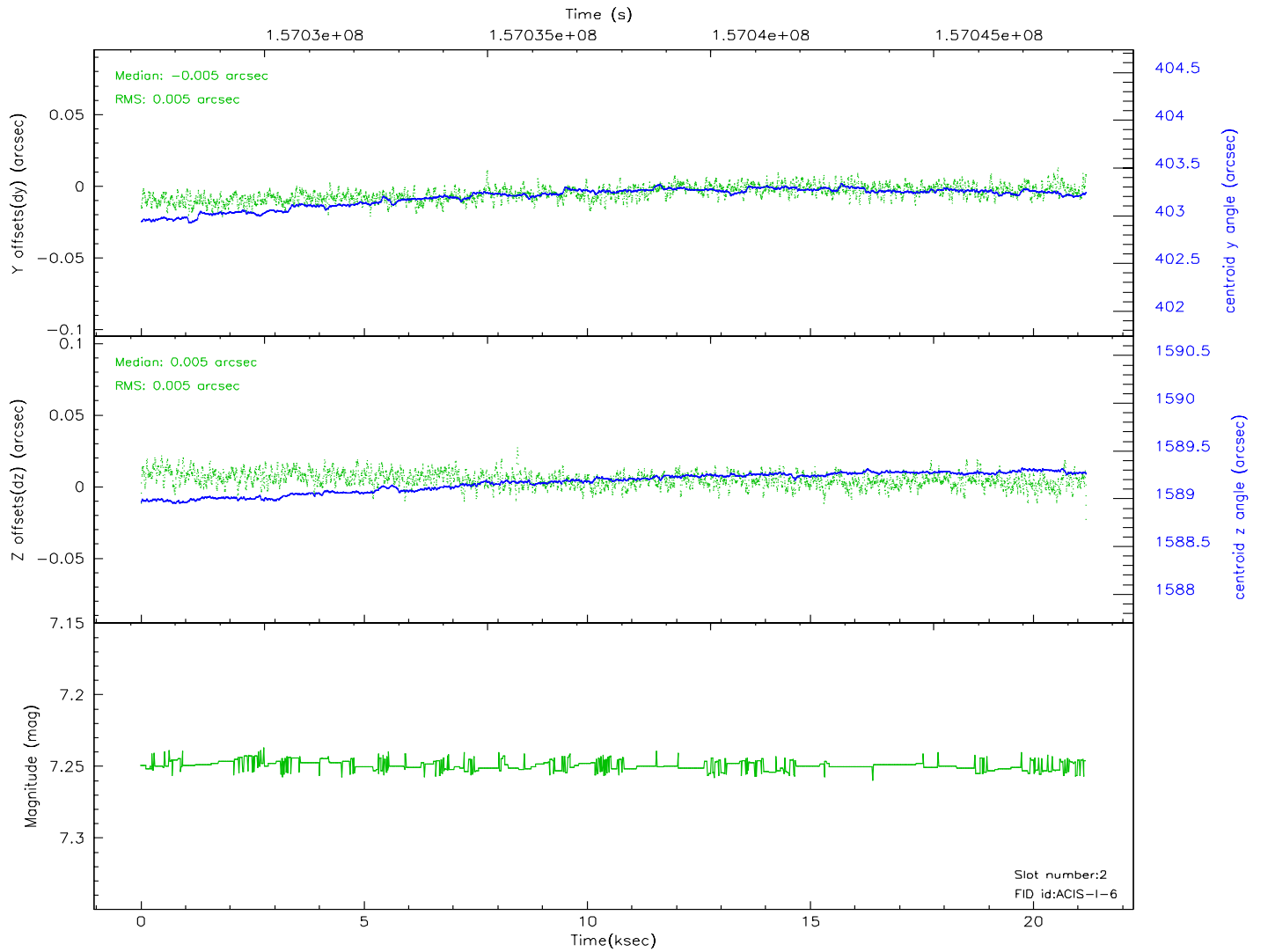
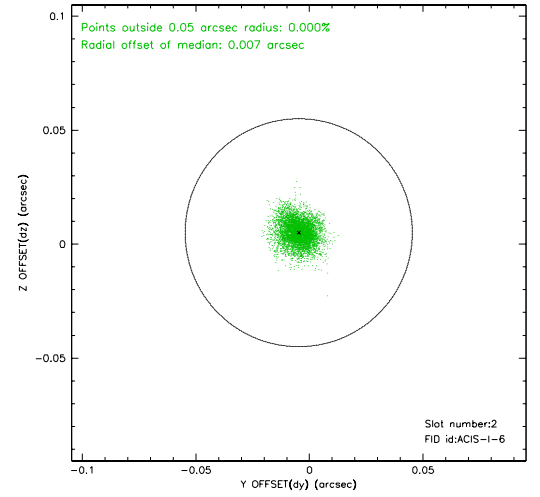
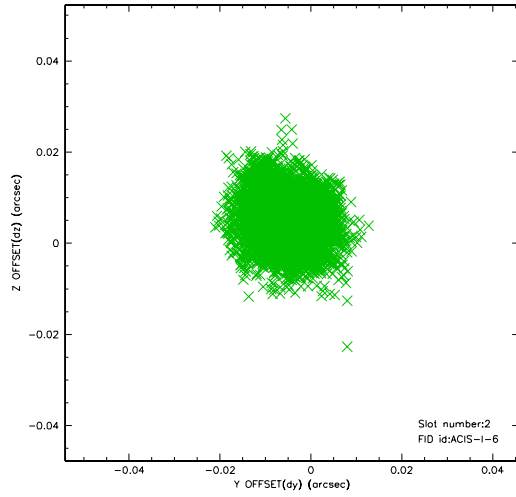
2.5.1 Slot 0



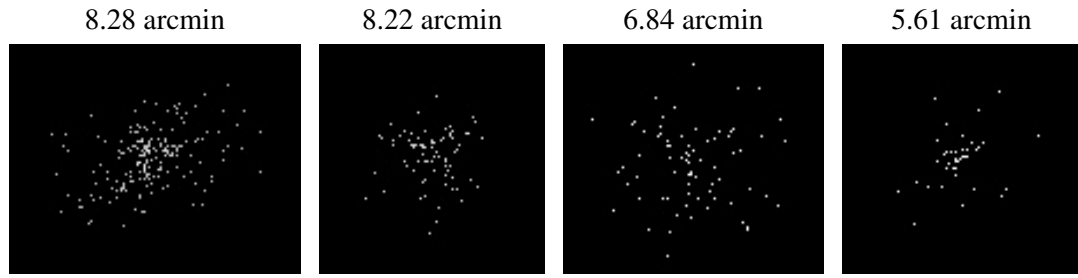
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.776

A.2 Comments