

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 887 - L2 Version 001
Chandra X-Ray Center

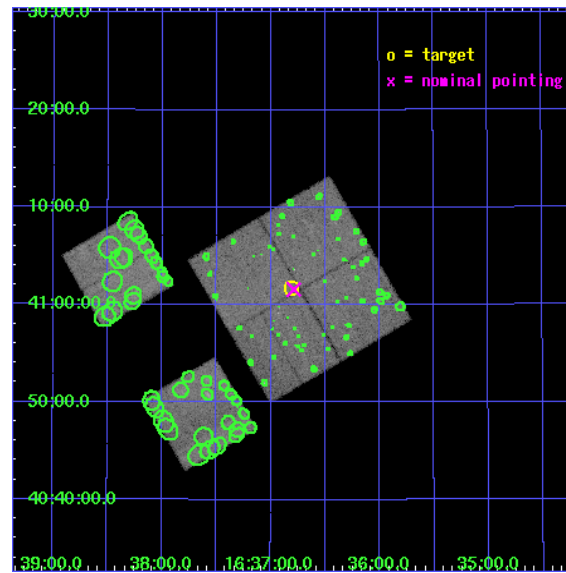
L2 Processing Date : Jun 2 2007

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1 Front

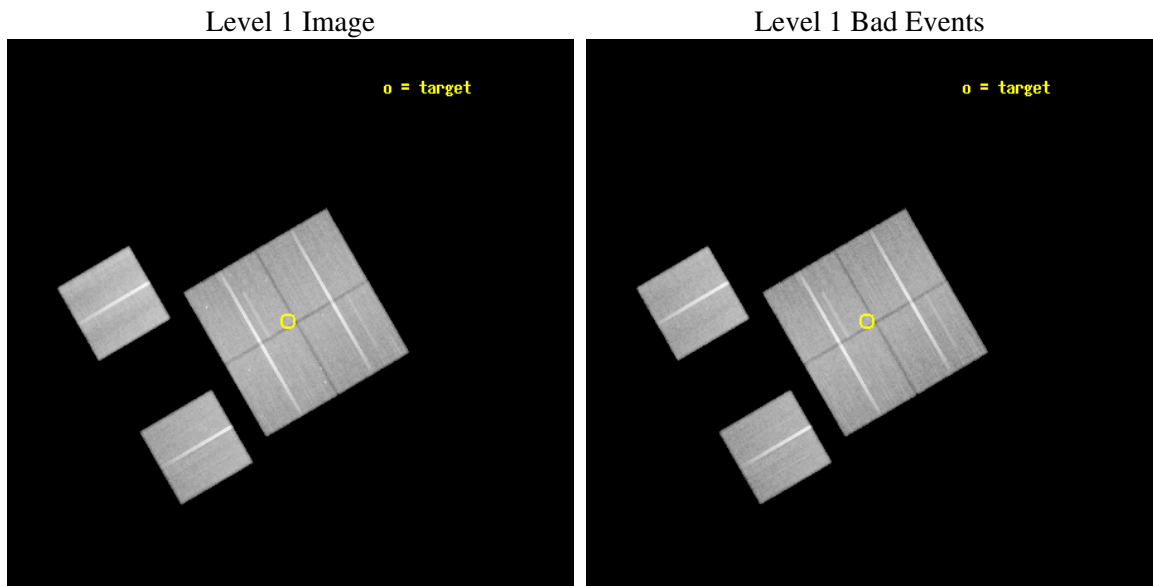
seq_num	700192
obs_id	887
title	THE HIDDEN UNIVERSE - AXAF OBSERVATIONS OF A DEEP INFRARED SURVEY
observer	Dr Omar Almaini
object	Elais:N2
dtcycle	0
cycle	P
ra_targ	249.202
dec_targ	41.029417
ra_nom	249.1967989375
dec_nom	41.026480164946
roll_nom	239.82173847676
revision	3
ontime	74316.636258215
livetime	73375.594261807
ontime0	74326.359118998
ontime1	74326.359118998
ontime2	74319.877208516
ontime3	74316.636258215
ontime6	74326.359118998
ontime8	74326.359118998
l2events	267006



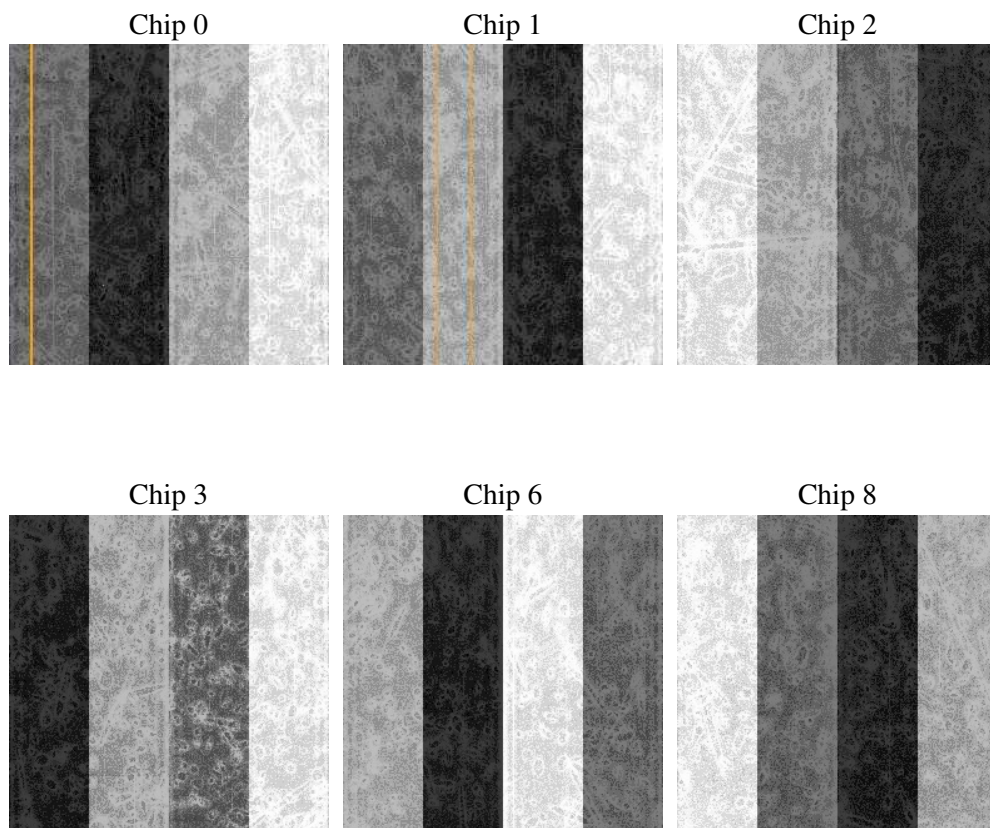
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-02T05:57:18
revision	3

sched_exp_time	74200.000000
ontime	74316.636258215
ontime0	74326.359118998
ontime1	74326.359118998
ontime2	74319.877208516
ontime3	74316.636258215
ontime6	74326.359118998
ontime8	74326.359118998
l1events	2725021

2.1.4 Events

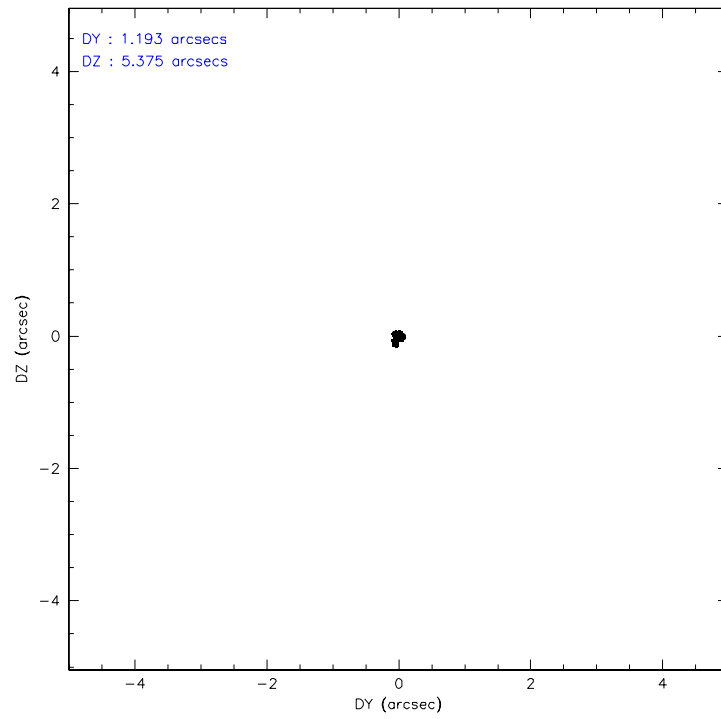
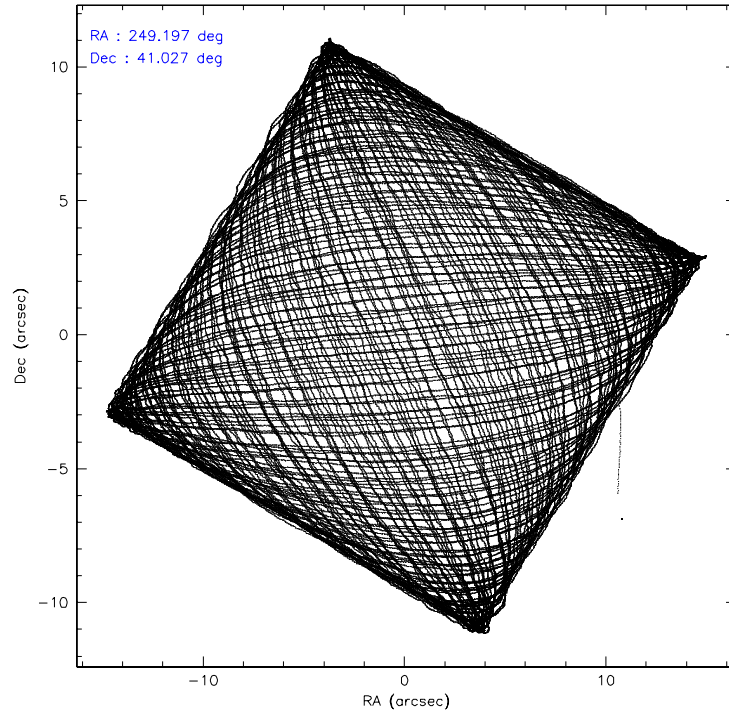
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
level 1 events	407971	407994	446848	445248	440480	576480
rejected events	357787	354715	397997	395644	390099	464298
rejected %	87%	86%	89%	88%	88%	80%

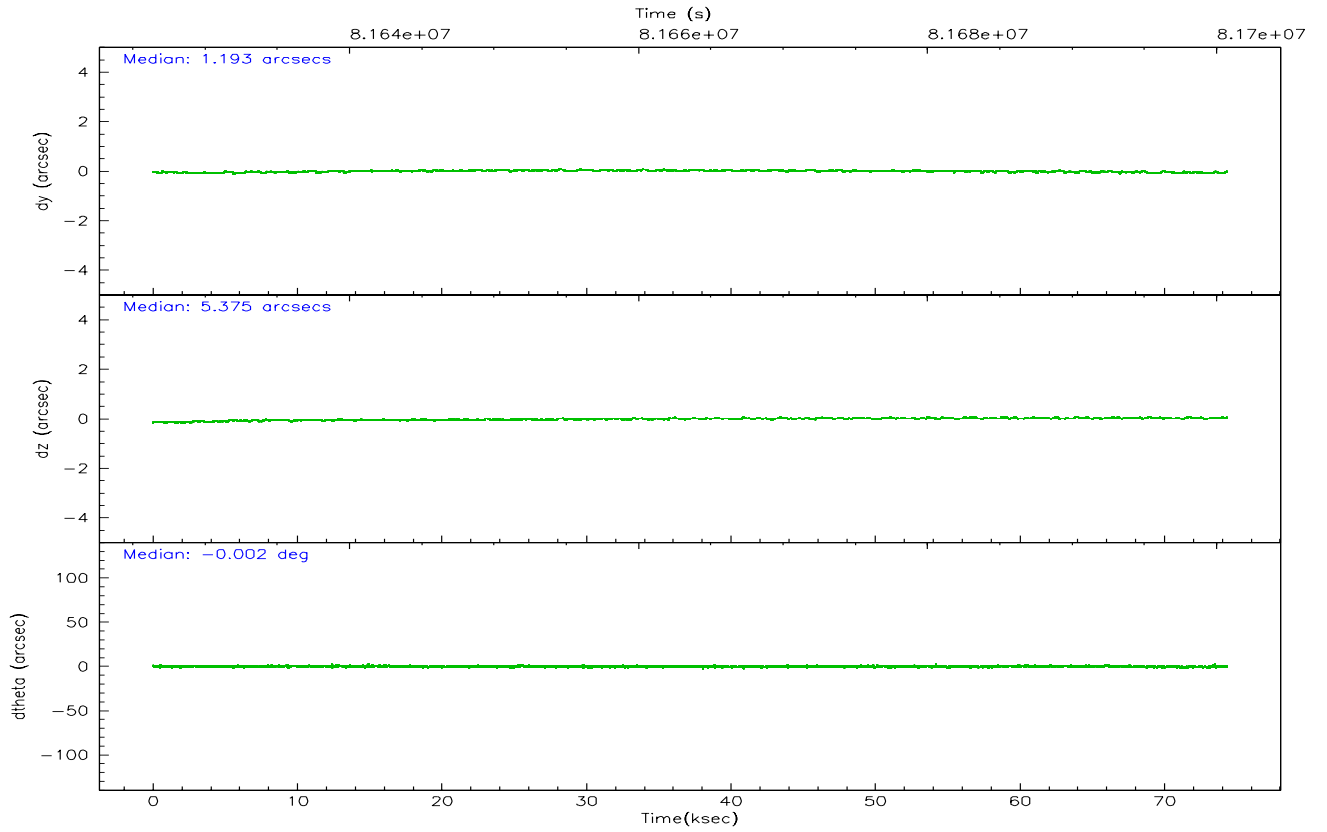
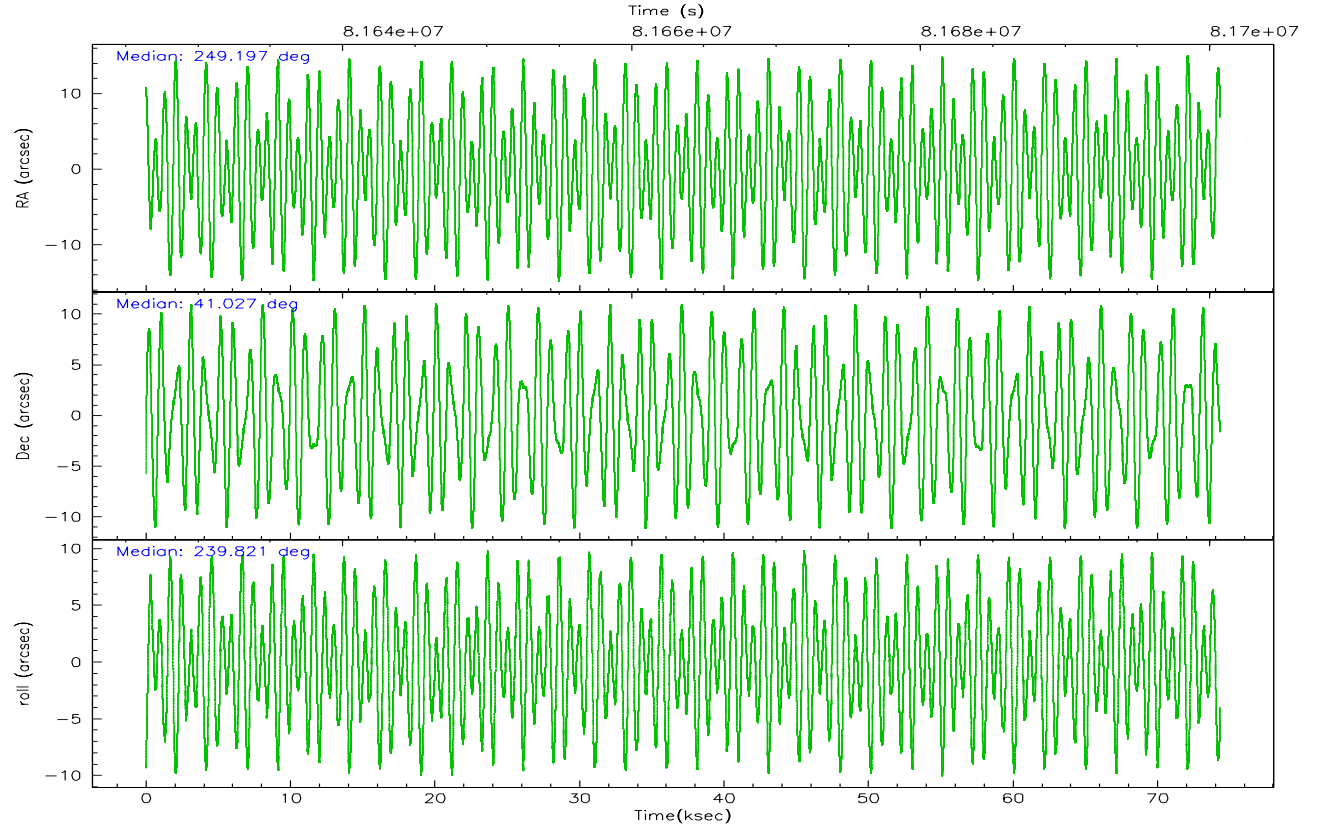
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
grade 0 events	21643	21964	20867	21967	21248	35739
	5%	5%	4%	4%	4%	6%
grade 1 events	192	179	179	226	180	366
	0%	0%	0%	0%	0%	0%
grade 2 events	10304	10445	10237	9620	9558	23549
	2%	2%	2%	2%	2%	4%
grade 3 events	5121	5487	4661	4633	5071	12444
	1%	1%	1%	1%	1%	2%
grade 4 events	4720	5594	4705	4693	4998	11530
	1%	1%	1%	1%	1%	2%
grade 5 events	14907	16040	14454	16080	17470	22809
	3%	3%	3%	3%	3%	3%
grade 6 events	8407	9802	8404	8717	9520	28934
	2%	2%	1%	1%	2%	5%
grade 7 events	342677	338483	383341	379312	372435	441109
	83%	82%	85%	85%	84%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012368	ACIS-012368	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	249.197053	249.1967989374952	Subarray requested	NONE	NONE
Pointing Dec	41.054027	41.0264801649456	Alternating exposures requested	N	N
Pointing Roll	239.612881	239.82173847676	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	81626533.184000	81625391.419494			
Observation start date	2000-08-02T18:01:09	2000-08-02T17:43:11			
Observation end time	81700733.184000	81701116.37231199			
Observation end date	2000-08-03T14:37:49	2000-08-03T14:45:16			
Read mode	TIMED	TIMED			

2.3 Aspect



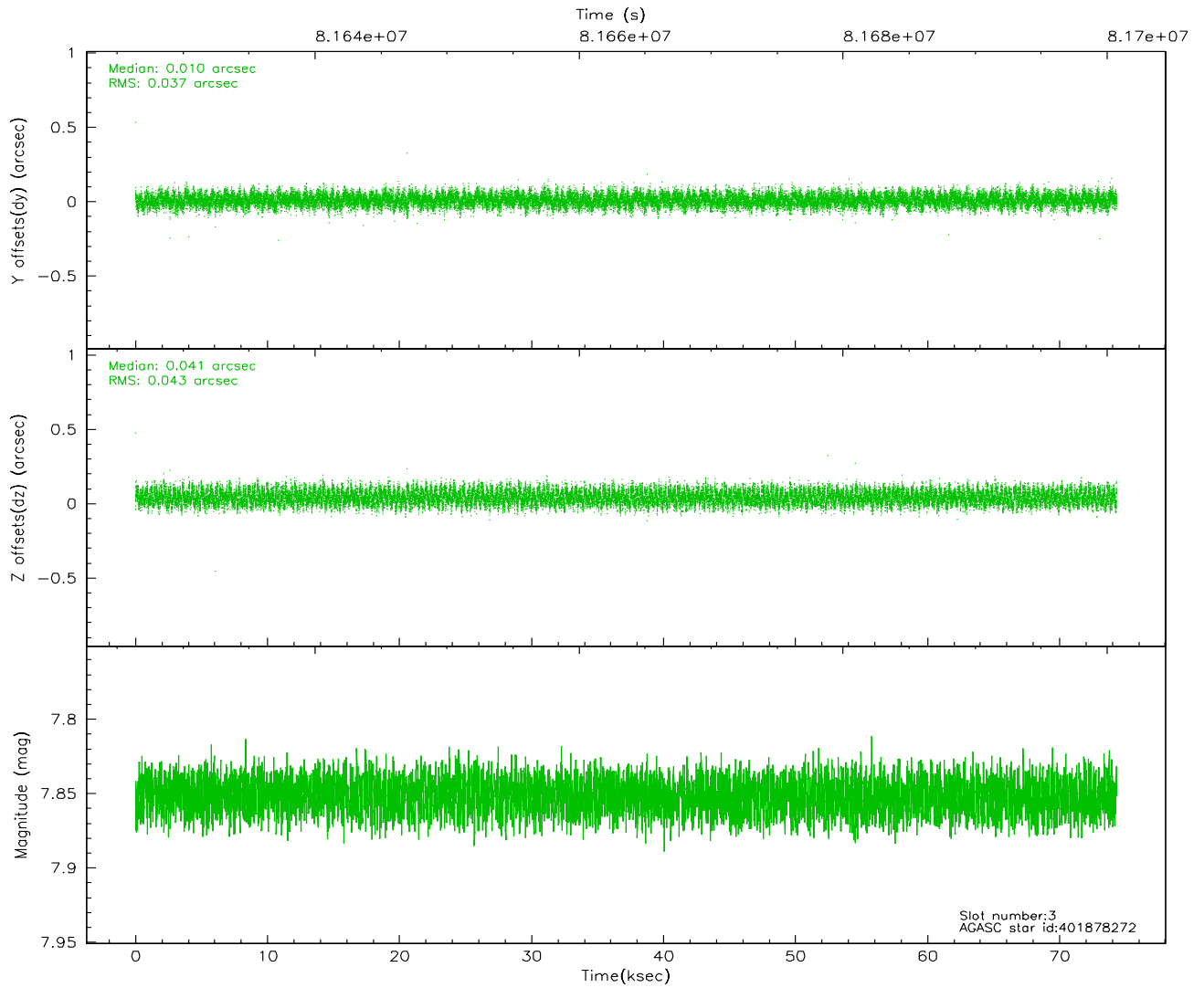
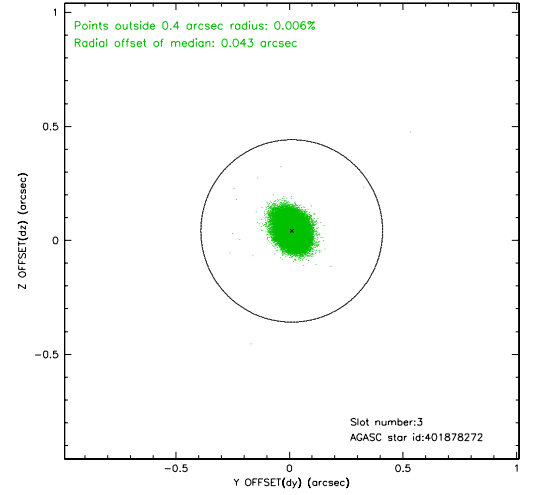
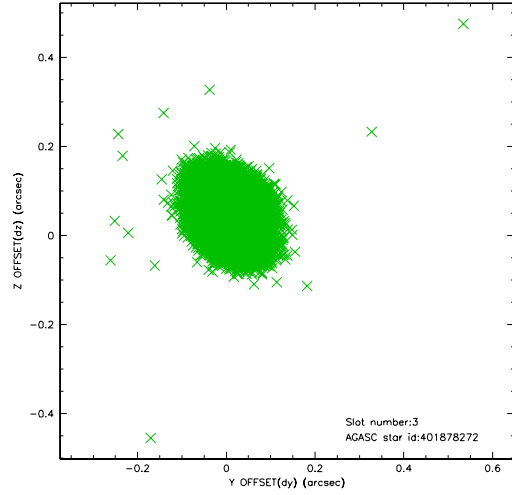


Slot Statistics

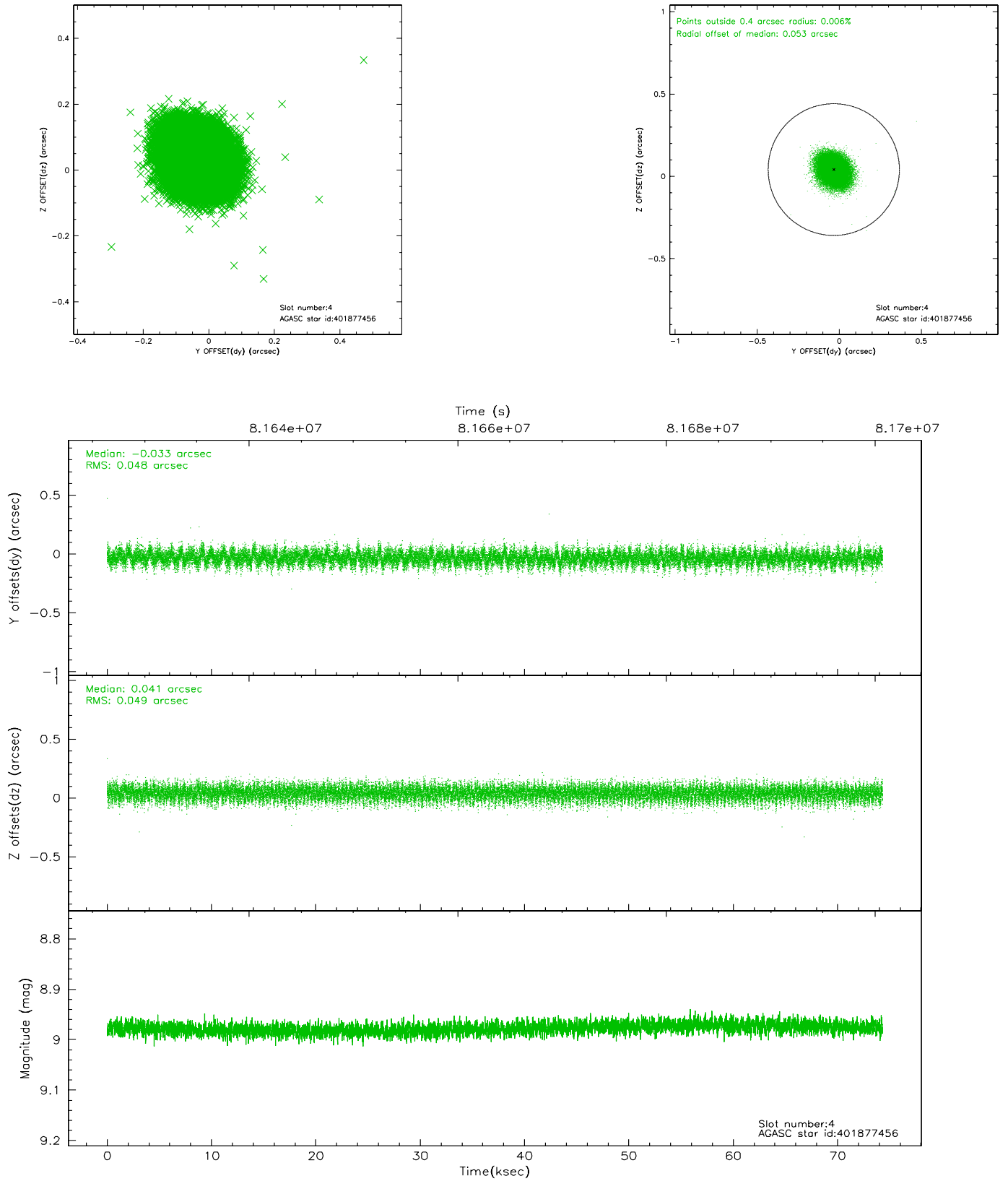
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	18128	-0.017	-0.015	0.009	0.015	0.000000	0.000000	-755.53	-835.09
1	FID	ACIS-I-4	7.18	18128	-0.084	0.024	0.006	0.010	0.000000	0.000000	2158.48	1071.16
2	FID	ACIS-I-5	7.23	18128	0.000	0.060	0.009	0.015	0.000000	0.000000	-1809.43	1068.96
3	GUIDE	401878272	7.85	36249	0.010	0.041	0.061	0.097	248.958077	40.888100	843.86	-258.42
4	GUIDE	401877456	8.98	36247	-0.033	0.041	0.072	0.118	249.158968	41.388398	-986.14	-696.83
5	GUIDE	401875888	9.00	36248	0.050	0.057	0.064	0.106	249.155641	40.473314	1860.96	960.57
6	GUIDE	401870200	9.19	36179	-0.061	-0.050	0.072	0.120	248.879643	41.533065	-1056.08	-1610.26
7	GUIDE	401870040	9.43	36224	0.034	-0.088	0.074	0.122	249.272291	41.066801	-142.84	153.50

2.4 Star Slots

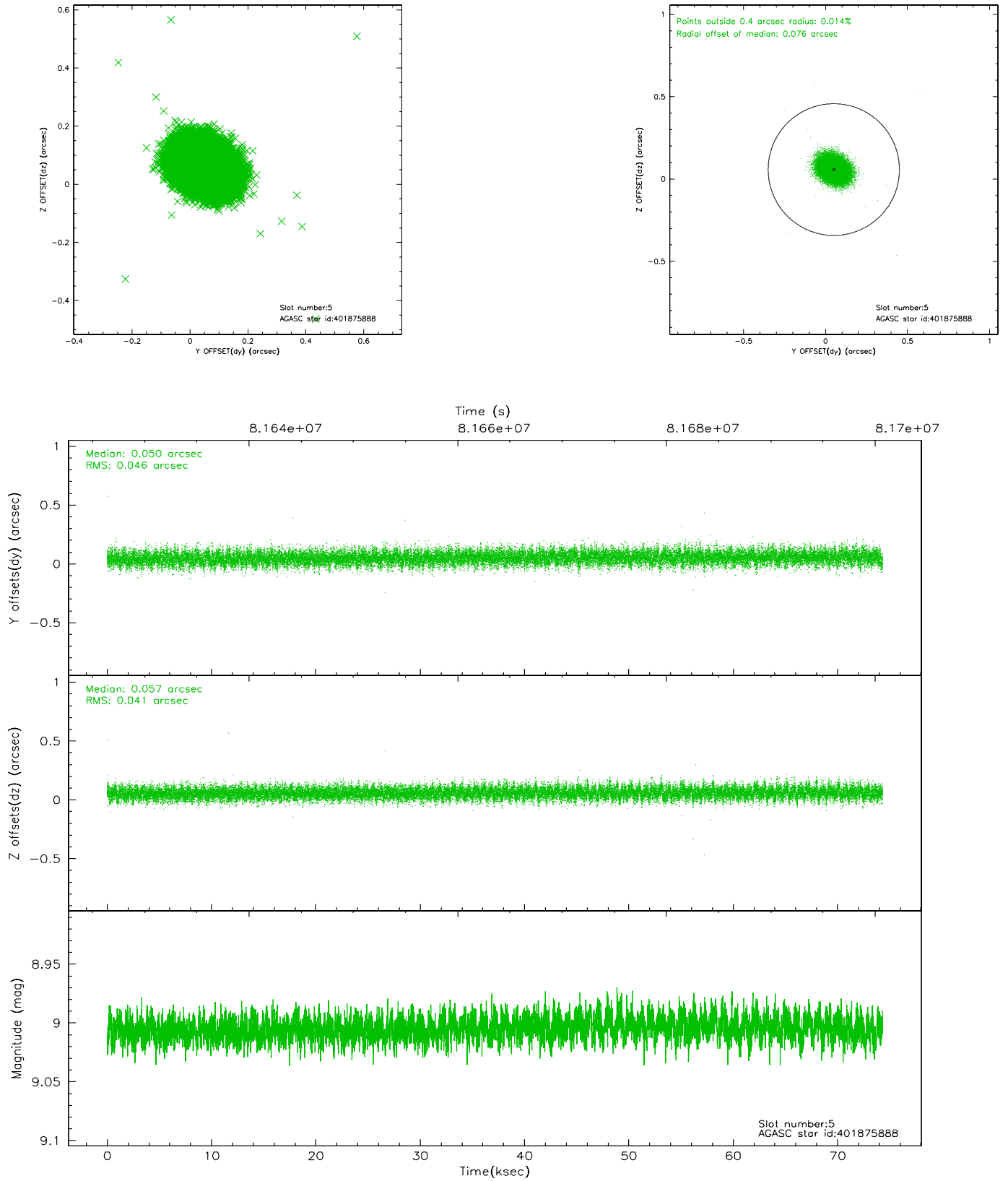
2.4.1 Slot 3



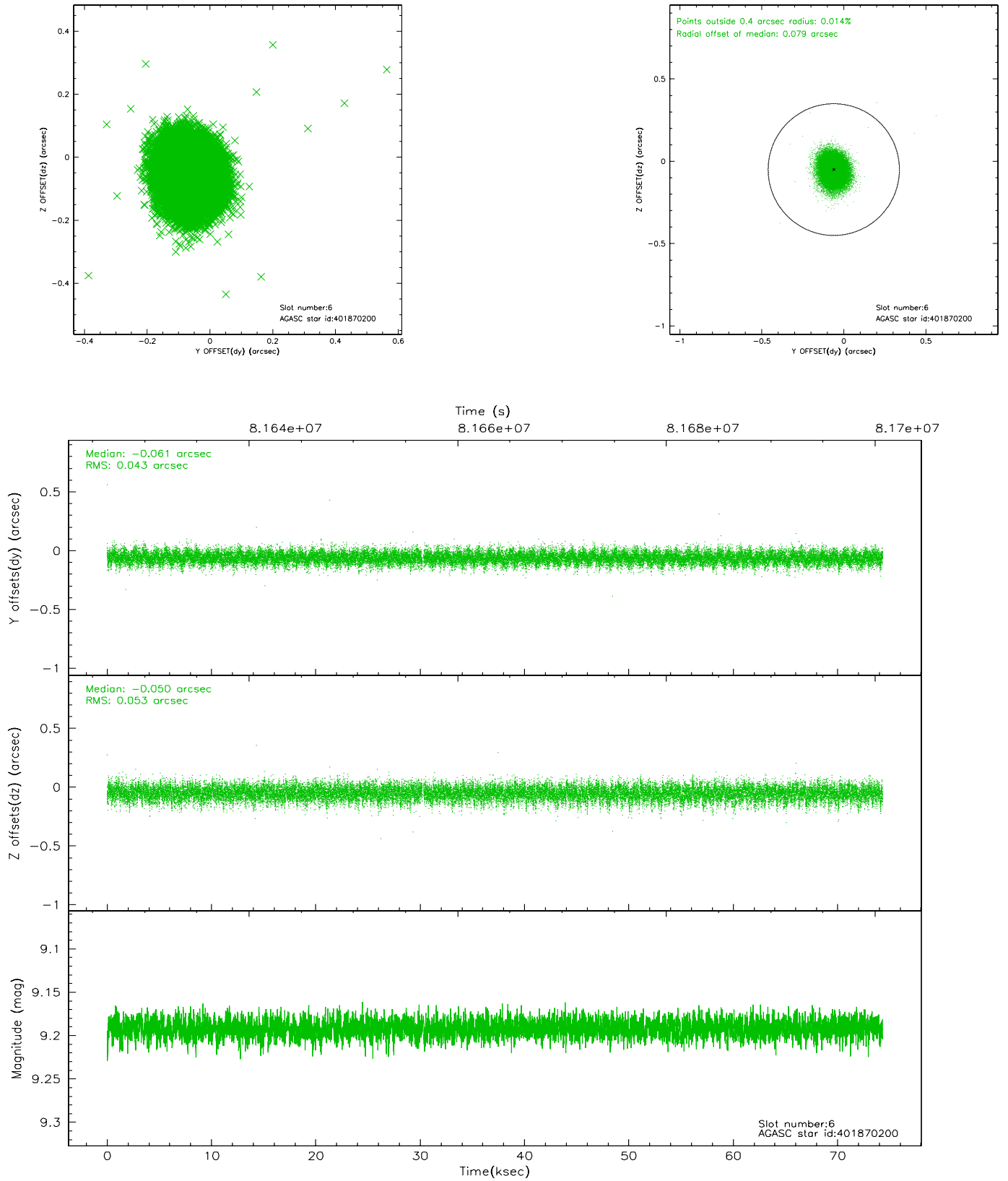
2.4.2 Slot 4



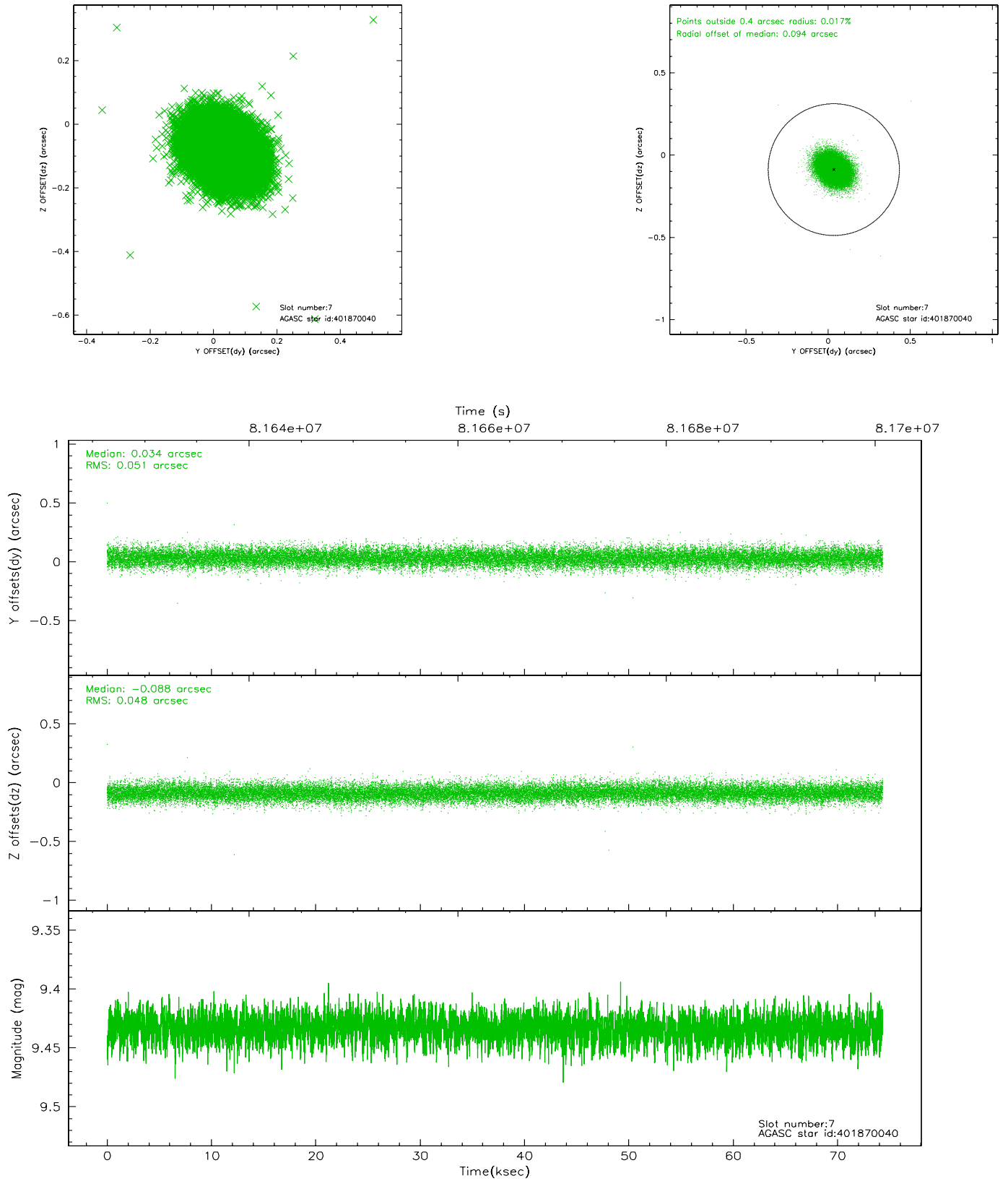
2.4.3 Slot 5



2.4.4 Slot 6

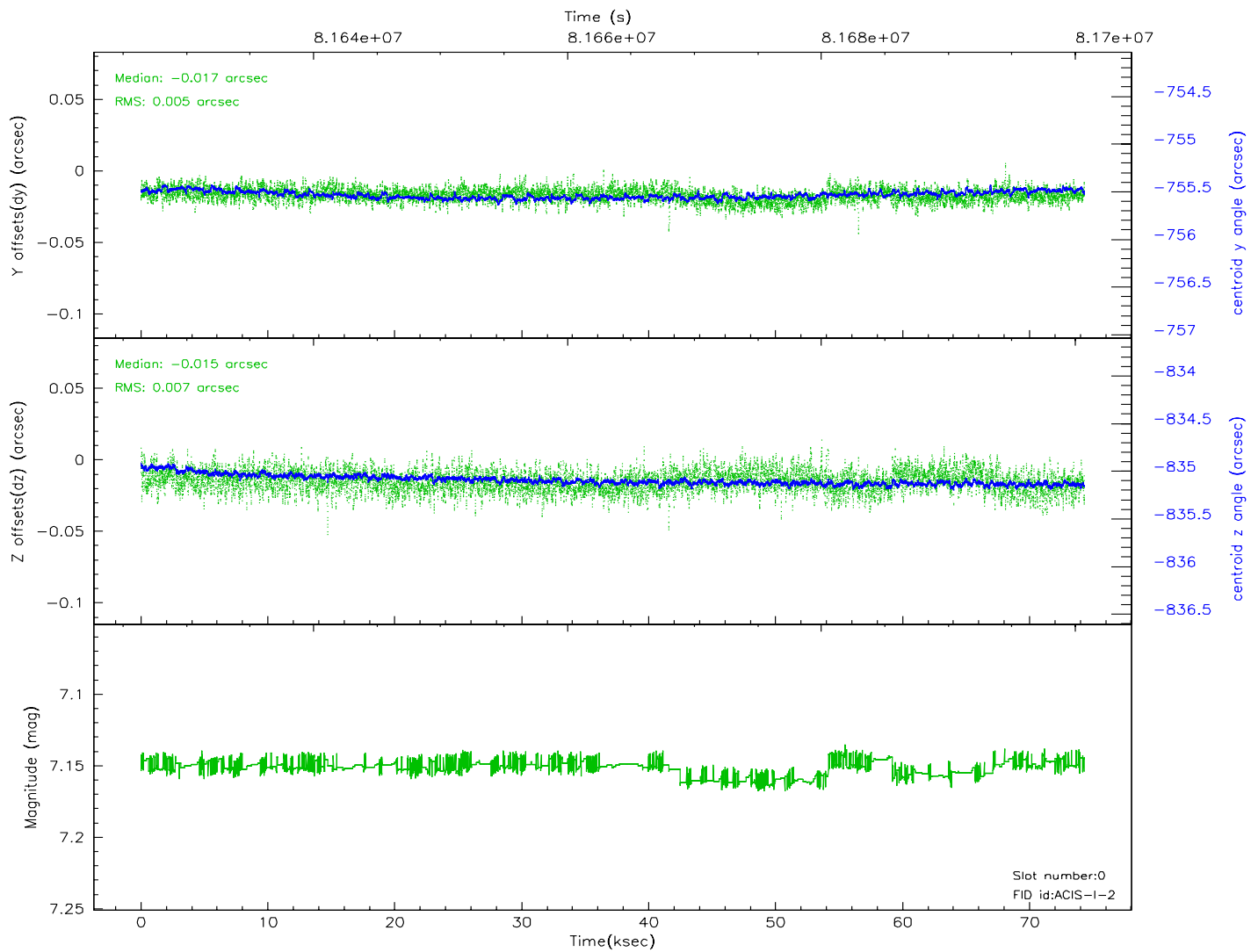
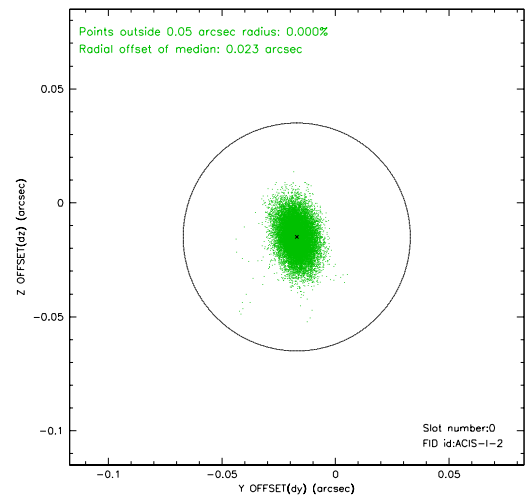
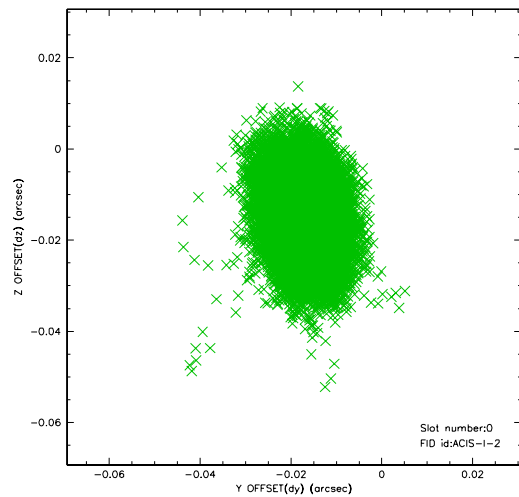


2.4.5 Slot 7

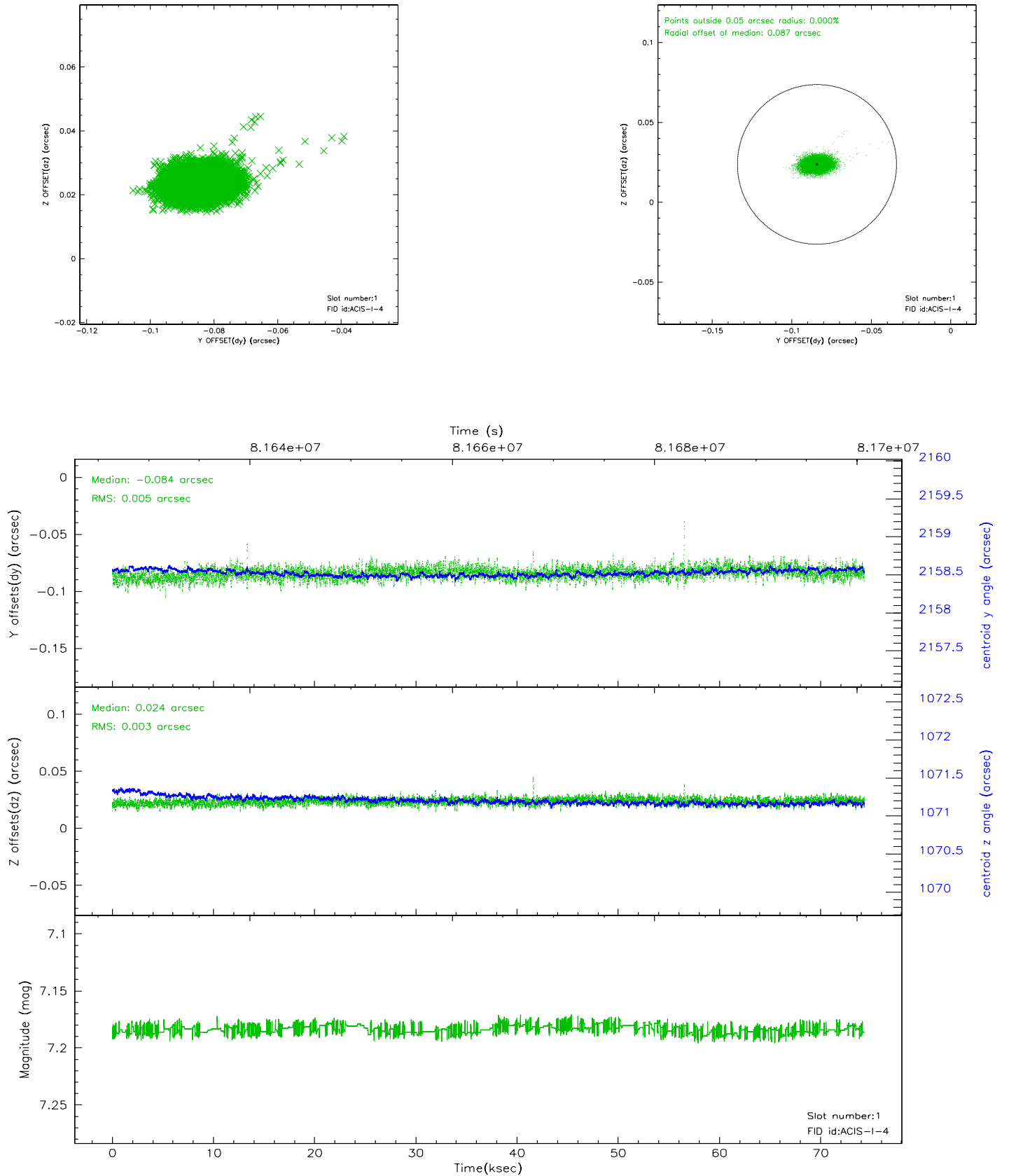


2.5 FID Slots

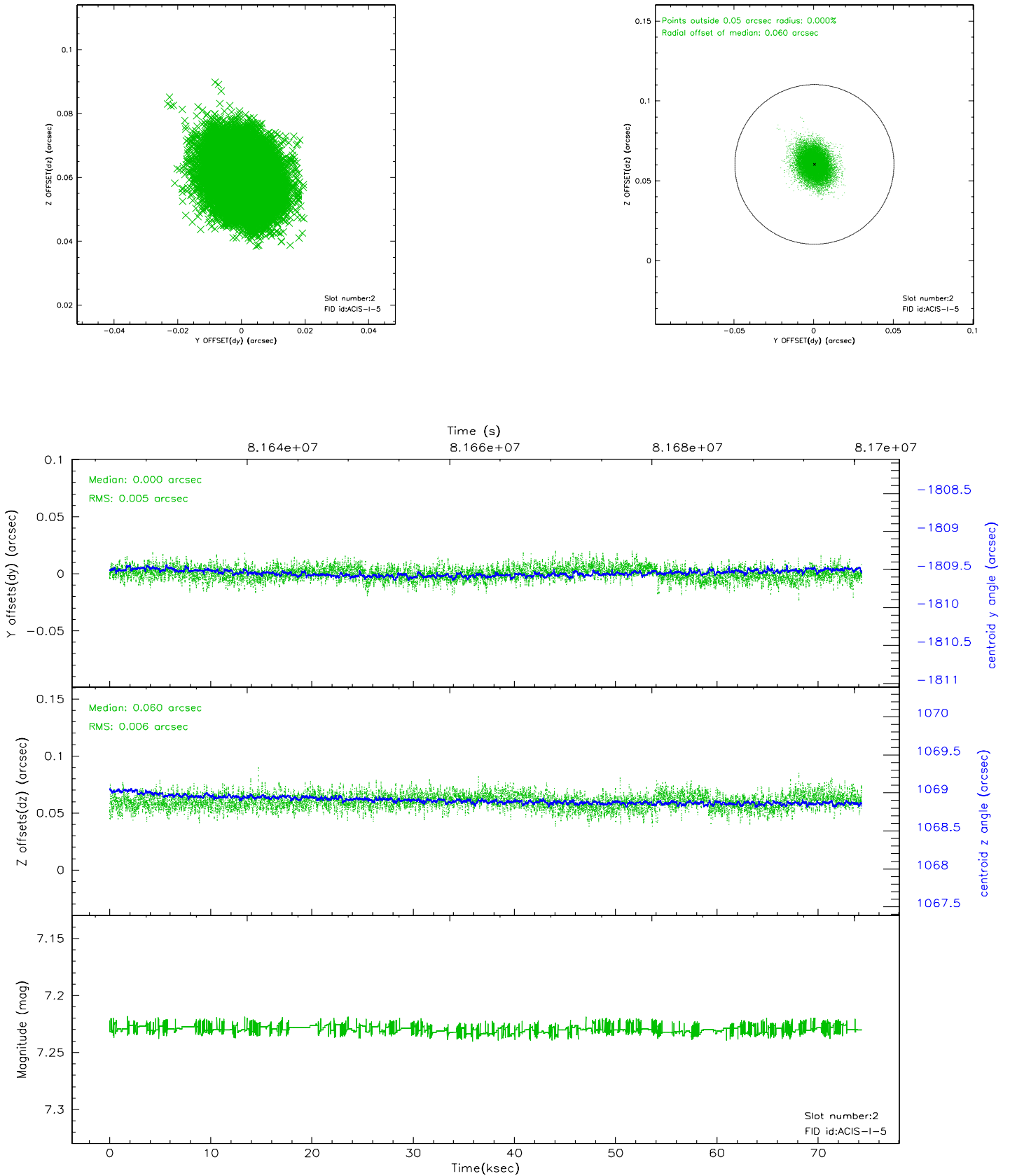
2.5.1 Slot 0



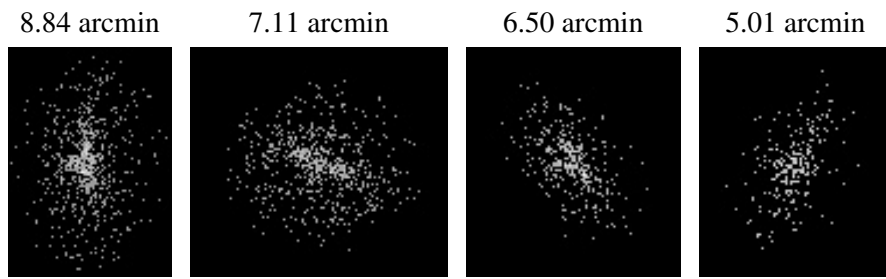
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	74.316

A.2 Comments