

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2787 - L2 Version 001
Chandra X-Ray Center

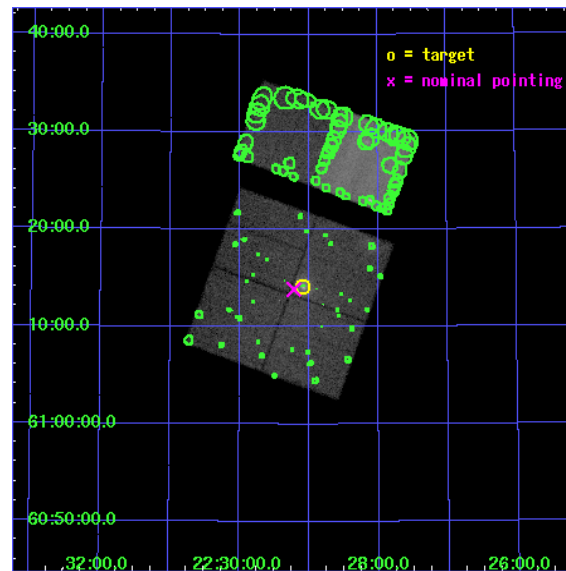
L2 Processing Date : Sep 8 2006

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1 Front

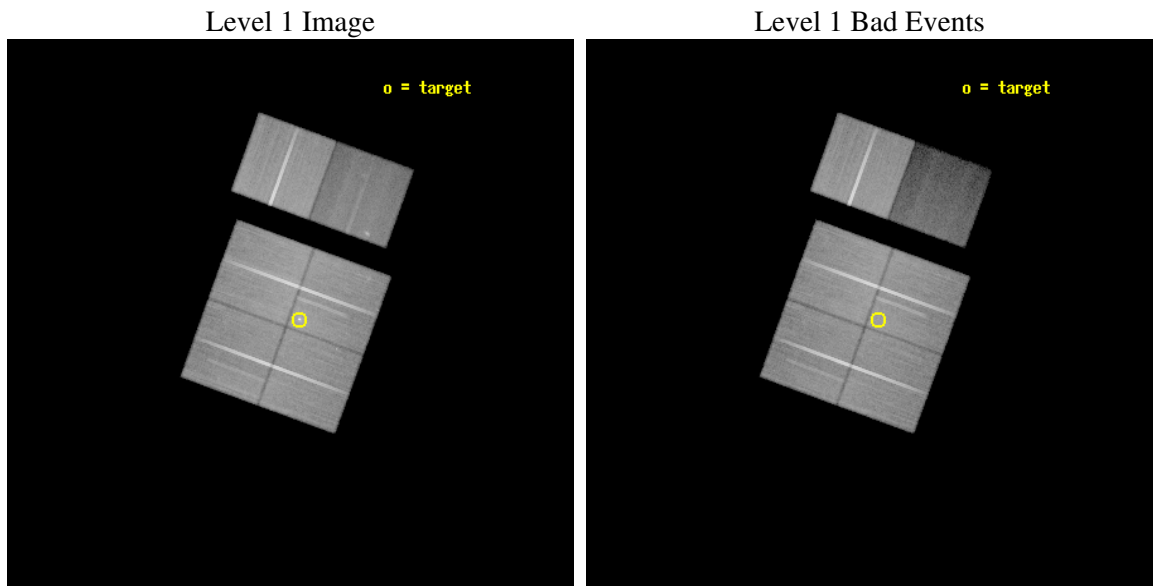
seq_num	500237
obs_id	2787
title	IMAGING THE ENERGETIC PULSAR WIND NEBULA AROUND PSR J2229+6114
observer	Prof. JULES HALPERN
object	PSR J2229+6114
dtcycle	0
cycle	P
ra_targ	337.272083
dec_targ	61.235917
ra_nom	337.30395437361
dec_nom	61.23065393801
roll_nom	20.023053172149
revision	2
ontime	95171.118168116
livetime	93966.004164703
ontime0	95171.118168116
ontime1	95164.636187747
ontime2	95164.636267528
ontime3	95171.118168116
ontime6	95177.600088641
ontime7	95174.359128401
l2events	313584



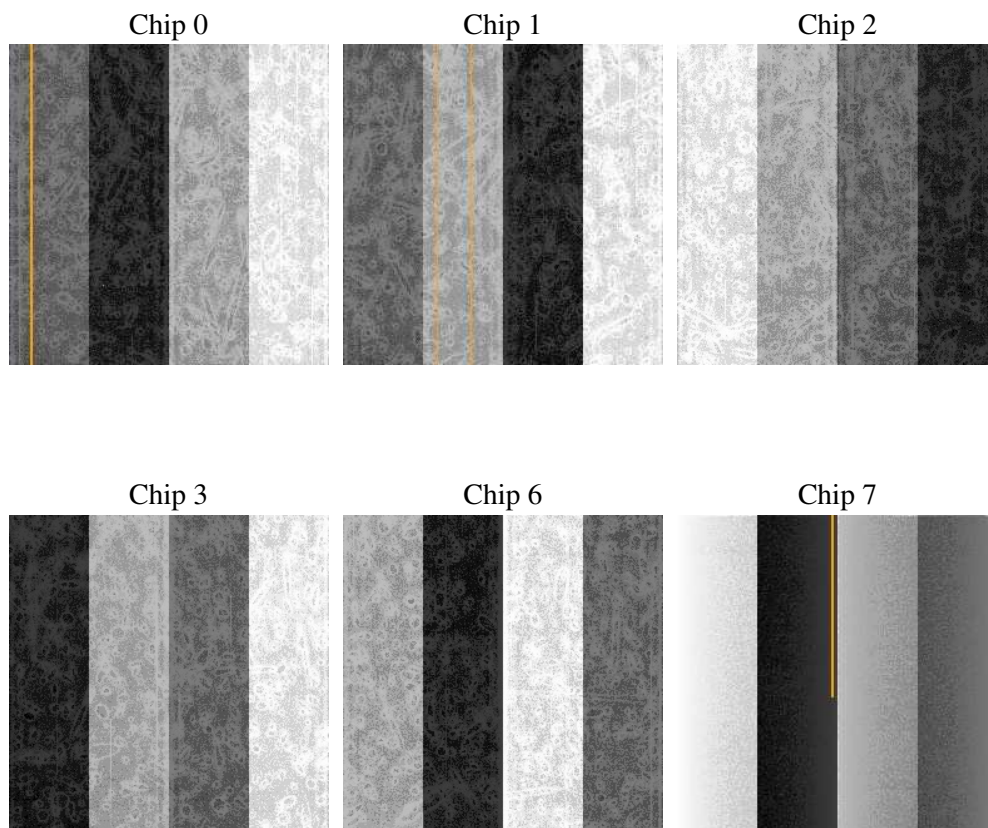
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-08T08:00:05
revision	2

sched_exp_time	95217.383000
ontime	95175.157375604
ontime0	95175.15740554
ontime1	95168.675395235
ontime2	95168.675475016
ontime3	95175.157375604
ontime6	95181.639326066
ontime7	95178.398365825
l1events	2705152

2.1.4 Events

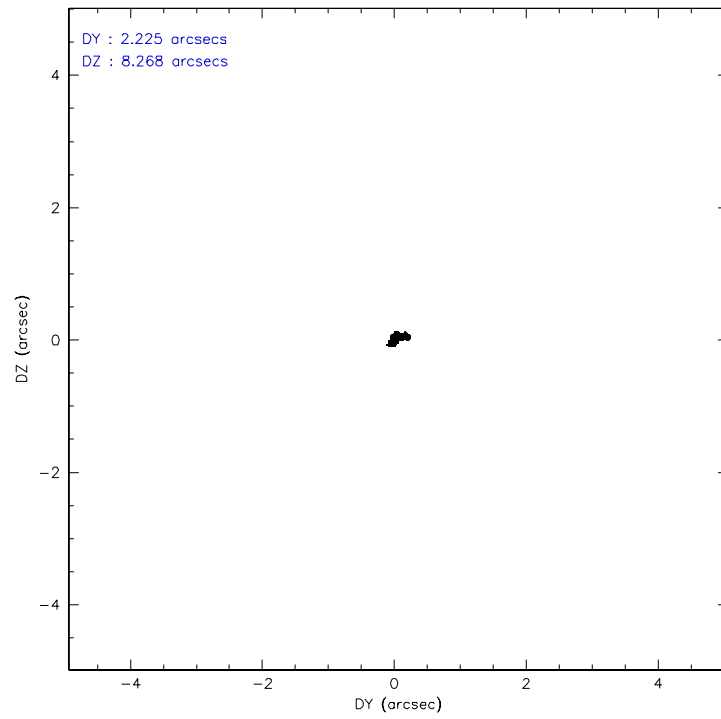
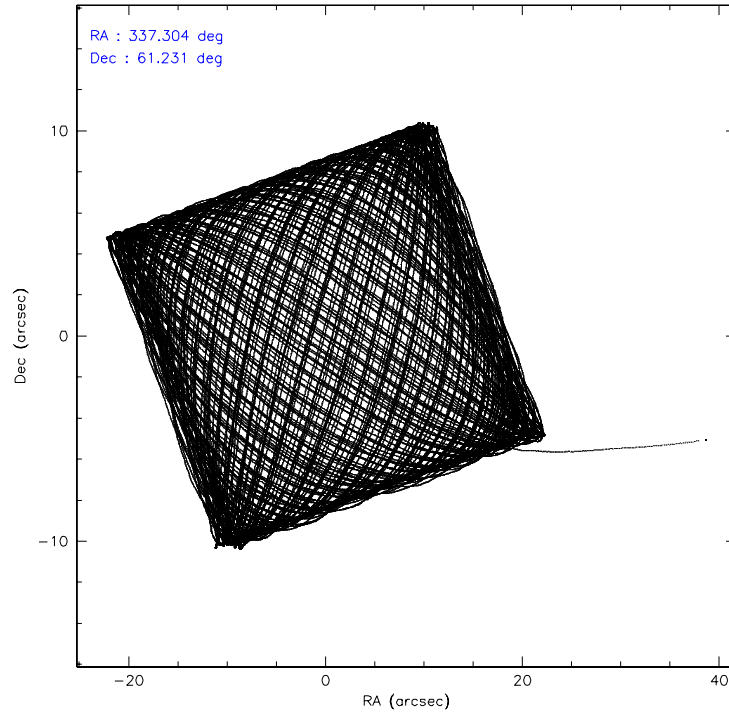
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	447315	451836	537422	500135	511223	257221
rejected events	401480	403514	489955	450194	466902	115864
rejected %	89%	89%	91%	90%	91%	45%

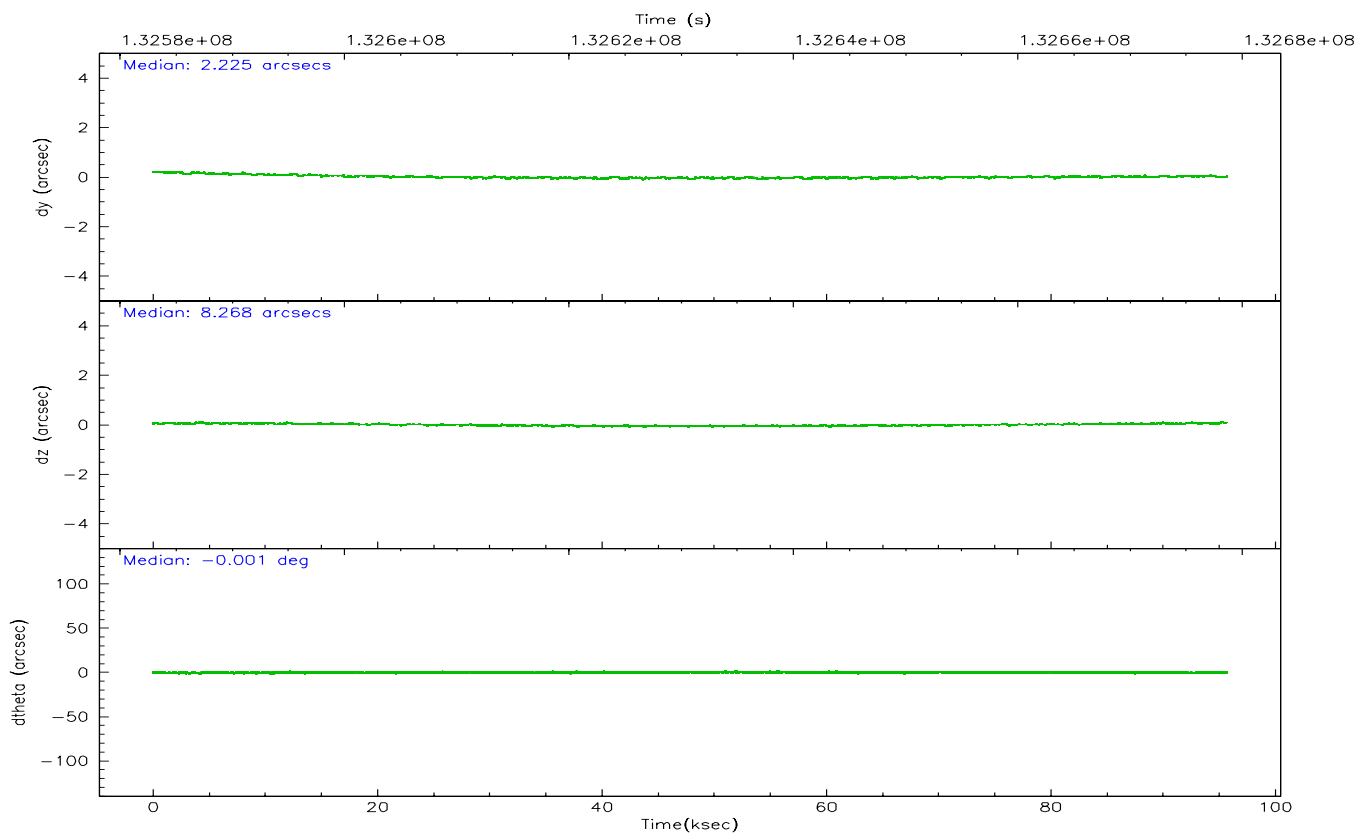
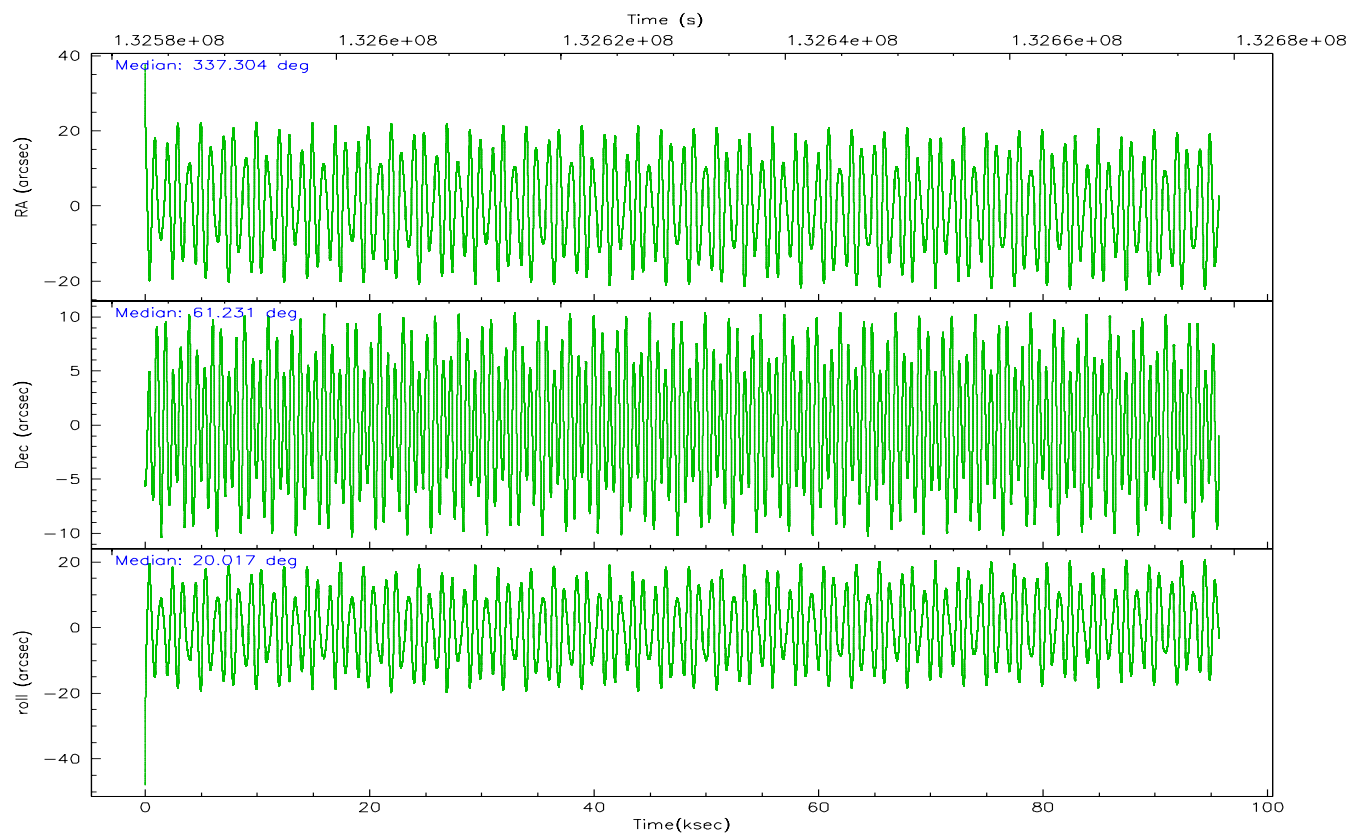
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	19558	21035	20716	24989	18259	12601
	4%	4%	3%	4%	3%	4%
grade 1 events	245	205	266	283	235	285
	0%	0%	0%	0%	0%	0%
grade 2 events	11202	9615	11619	9248	10451	40726
	2%	2%	2%	1%	2%	15%
grade 3 events	4734	5498	4103	4692	4554	11408
	1%	1%	0%	0%	0%	4%
grade 4 events	4374	5326	5105	4634	4625	11233
	0%	1%	0%	0%	0%	4%
grade 5 events	7511	8199	6834	8239	8821	21846
	1%	1%	1%	1%	1%	8%
grade 6 events	5971	6848	5932	6379	6434	65395
	1%	1%	1%	1%	1%	25%
grade 7 events	393720	395110	482847	441671	457844	93727
	88%	87%	89%	88%	89%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	337.267522	337.3039543736055	Alternating exposures requested	N	N
Pointing Dec	61.209597	61.23065393801042	Primary exposure time	0.000000	3.2
Pointing Roll	19.846304	20.02305317214856			
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	132583435.184000	132582301.31803			
Observation start date	2002-03-15T12:42:51	2002-03-15T12:25:01			
Observation end time	132678653.184000	132679937.18449			
Observation end date	2002-03-16T15:09:49	2002-03-16T15:32:17			
Read mode	TIMED	TIMED			

2.3 Aspect



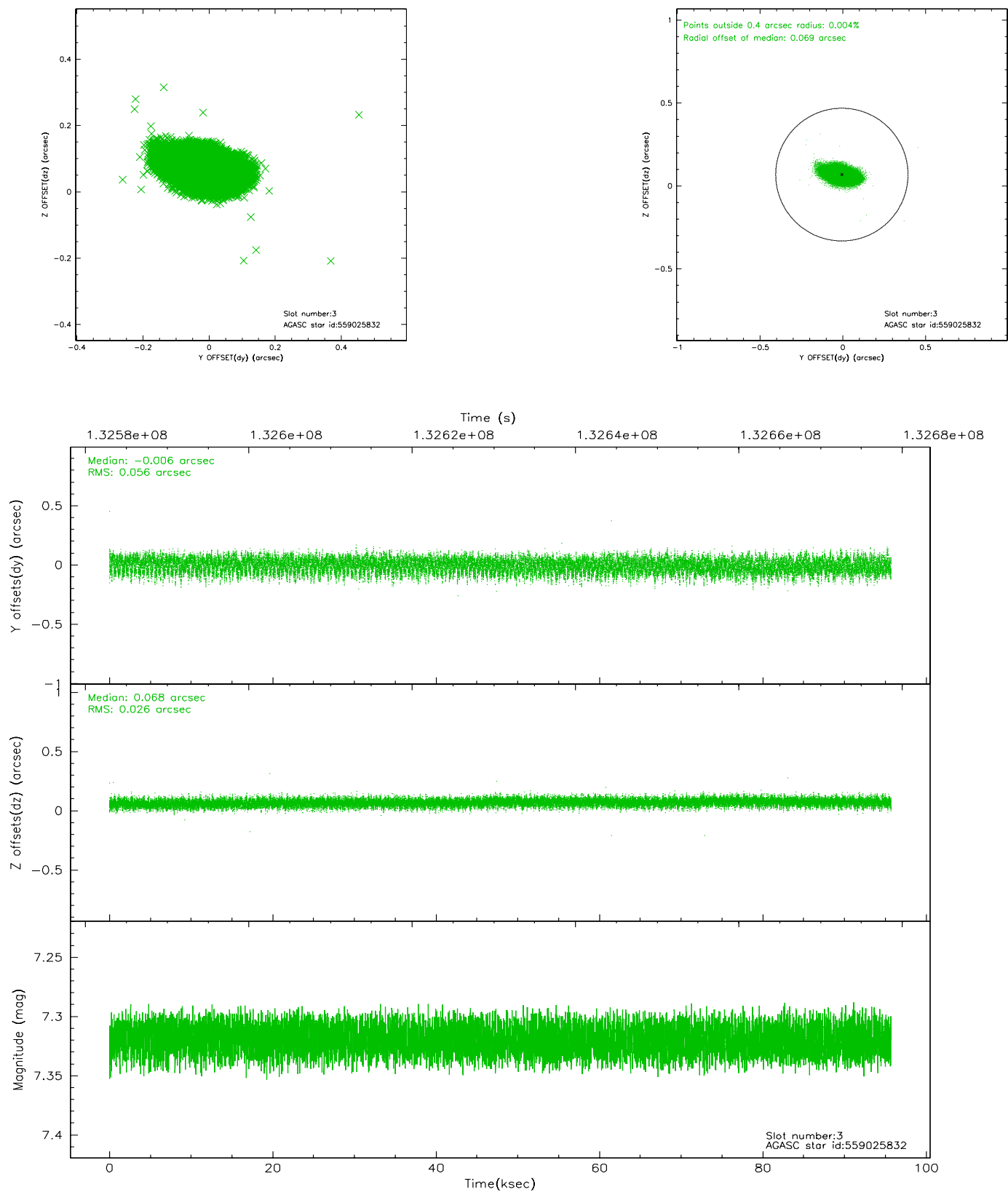


Slot Statistics

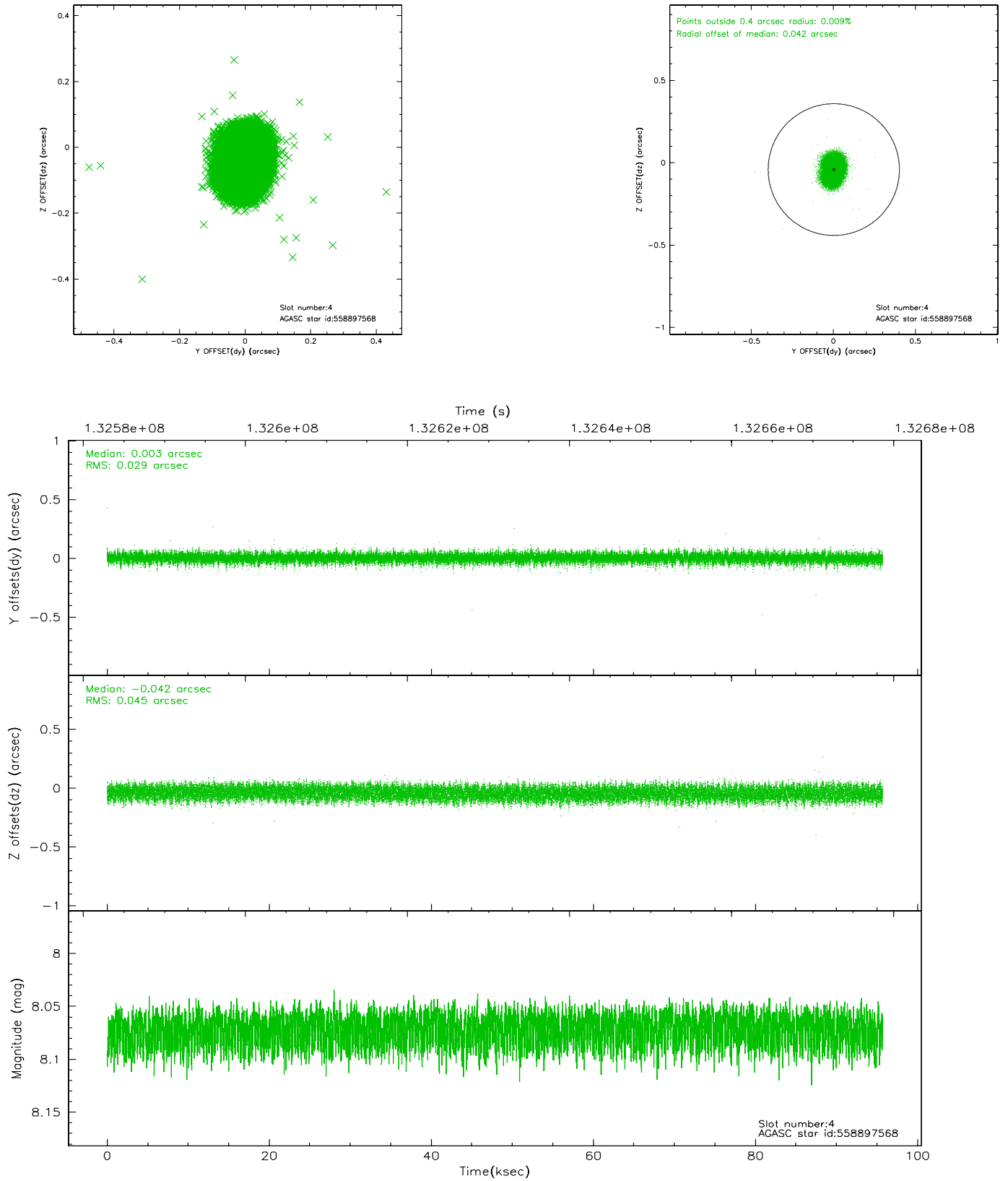
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	23347	-0.061	0.104	0.006	0.011	0.000000	0.000000	937.50	-831.60
1	FID	ACIS-I-5	7.24	23341	0.012	0.021	0.006	0.010	0.000000	0.000000	-1810.56	1065.87
2	FID	ACIS-I-6	7.26	23344	-0.042	-0.055	0.007	0.011	0.000000	0.000000	403.18	1710.18
3	GUIDE	559025832	7.32	46687	-0.006	0.068	0.064	0.108	338.751244	60.826333	1990.41	-2154.21
4	GUIDE	558897568	8.07	46678	0.003	-0.042	0.057	0.091	337.247030	60.671143	-692.02	-1811.75
5	GUIDE	558891112	8.16	46681	-0.079	-0.059	0.053	0.085	337.690325	61.739925	1326.50	1552.85
6	GUIDE	559423824	8.23	46683	0.066	-0.000	0.057	0.091	337.974568	61.942633	2024.09	2081.62
7	GUIDE	558894672	8.50	46674	0.019	0.037	0.068	0.107	336.308268	60.836317	-2034.84	-681.77

2.4 Star Slots

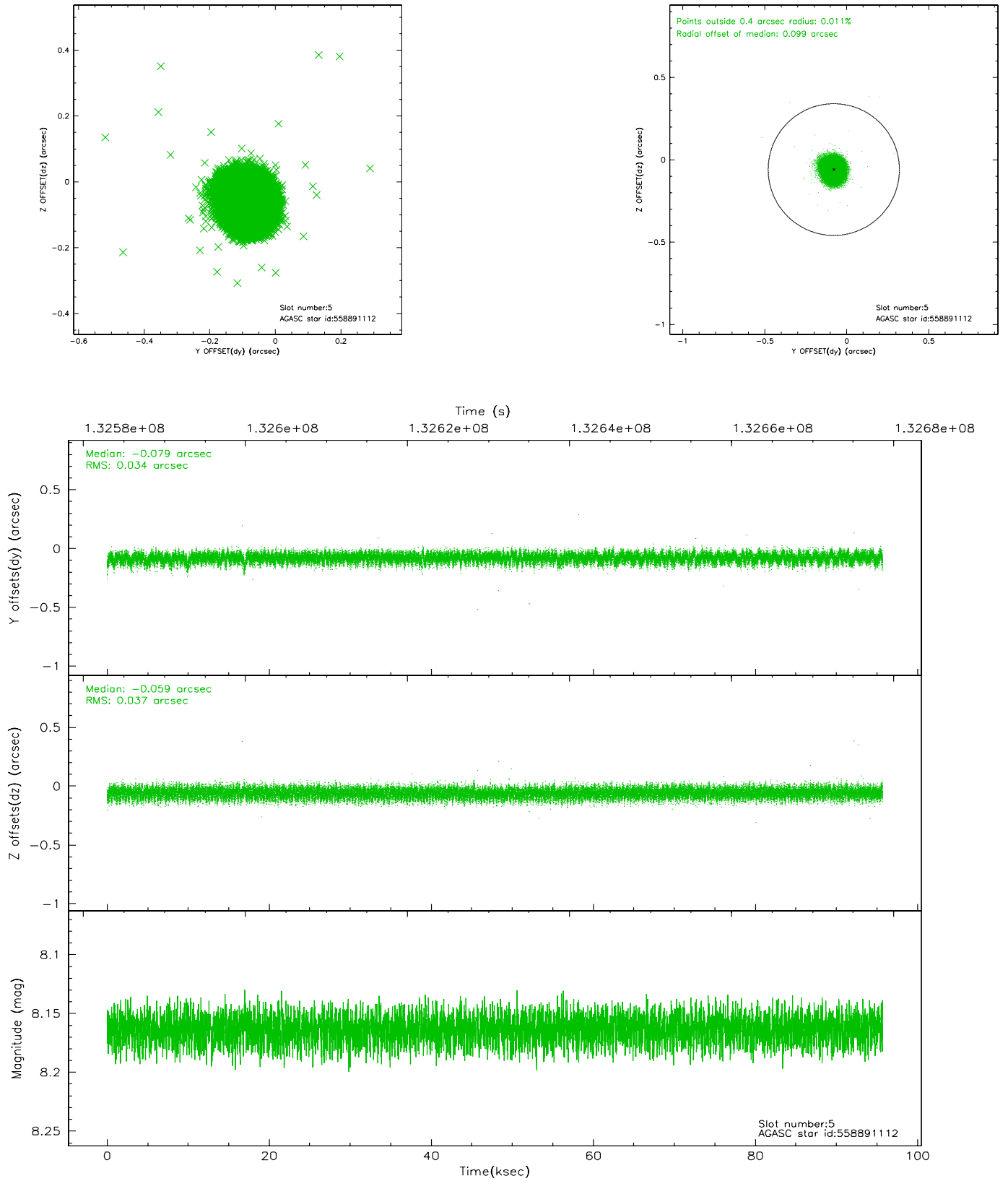
2.4.1 Slot 3



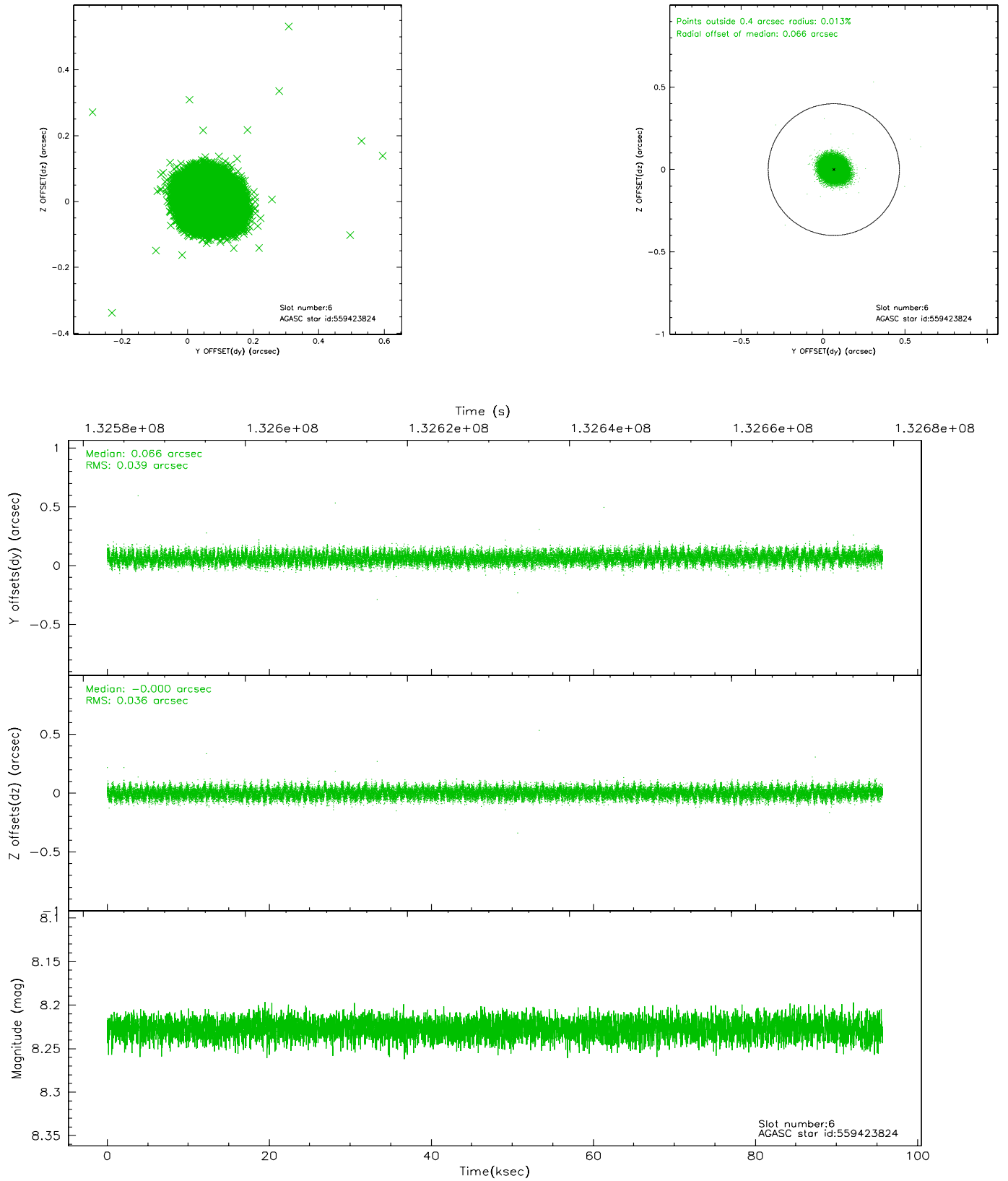
2.4.2 Slot 4



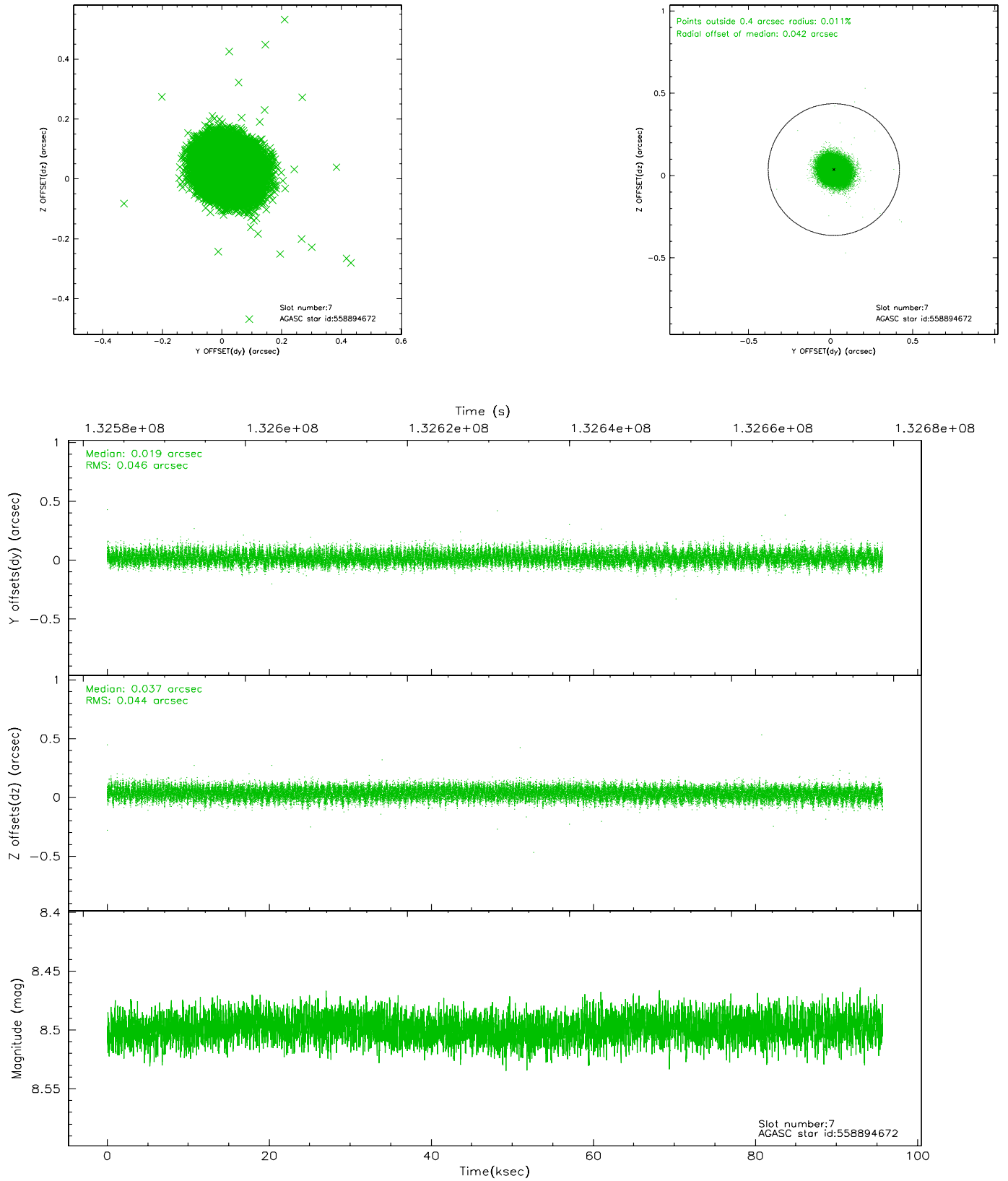
2.4.3 Slot 5



2.4.4 Slot 6

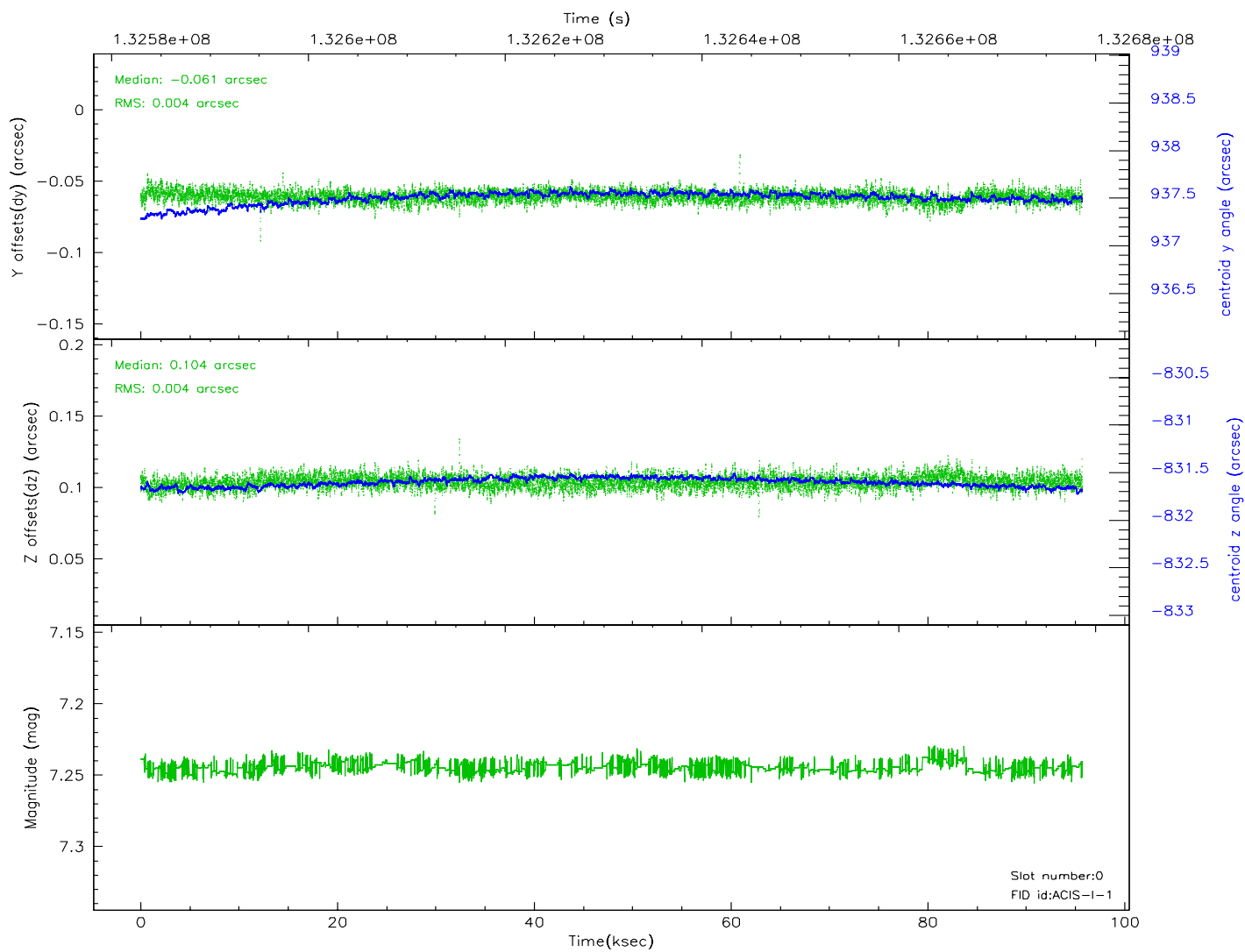
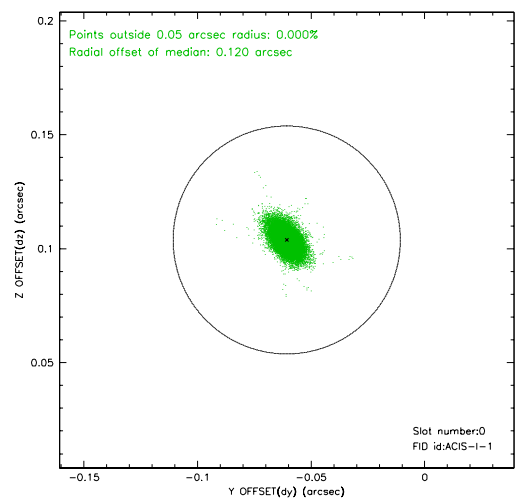
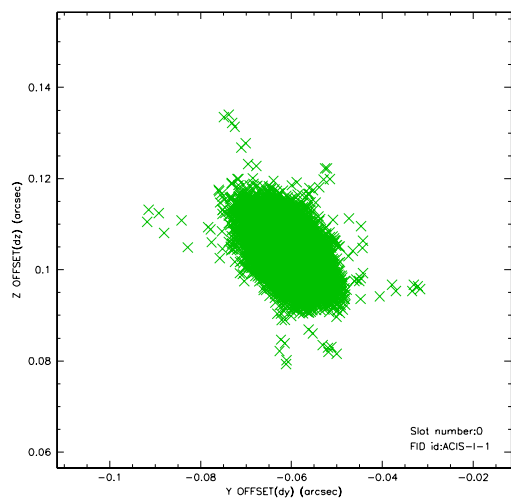


2.4.5 Slot 7

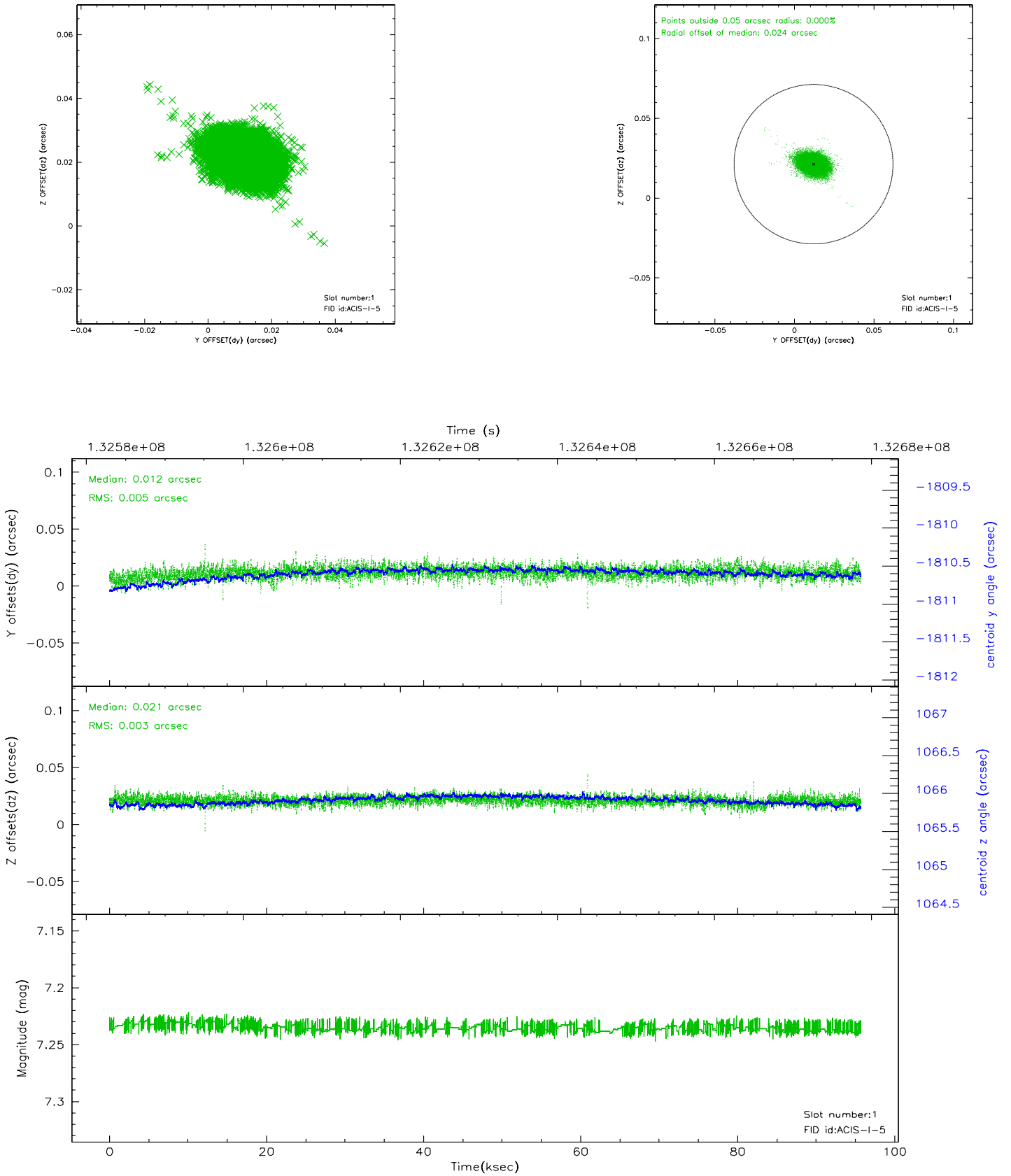


2.5 FID Slots

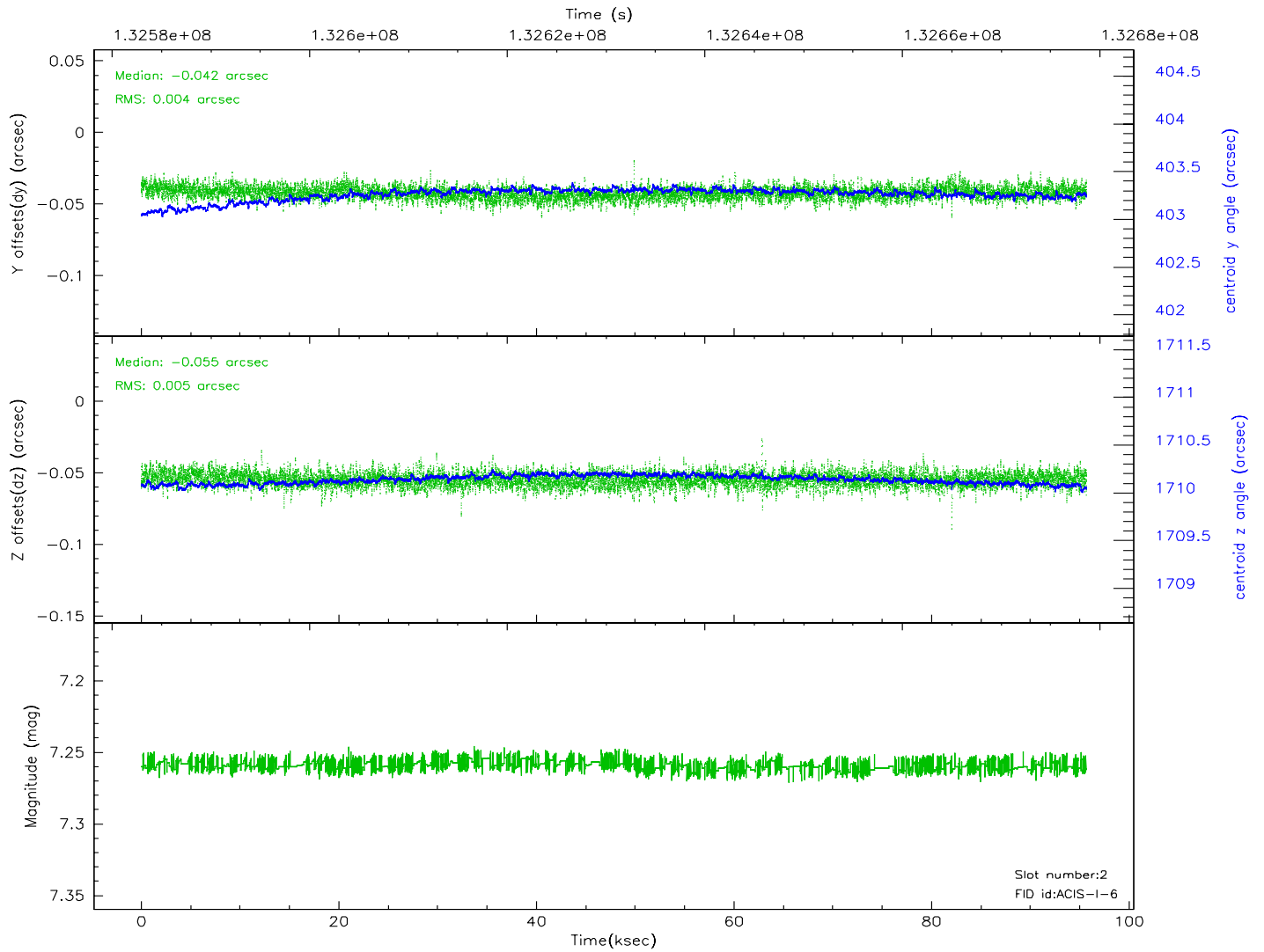
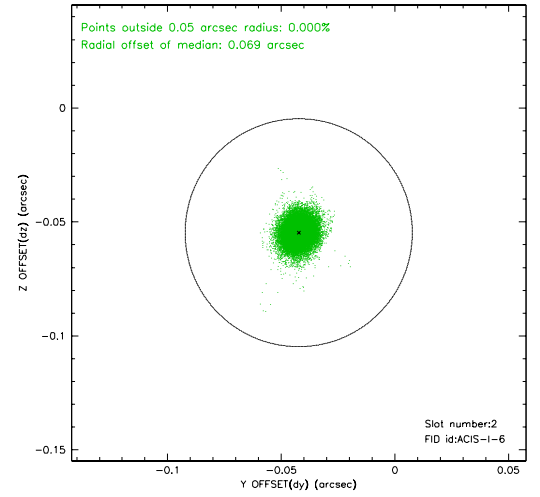
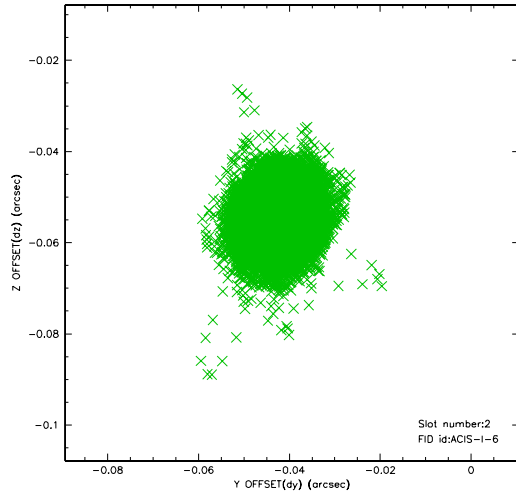
2.5.1 Slot 0



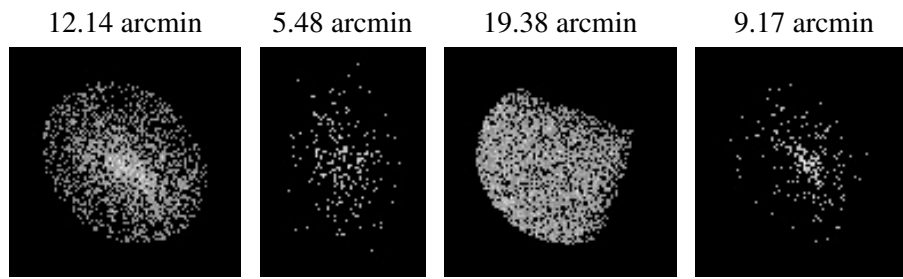
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	95.171

A.2 Comments