

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3864 - L2 Version 001
Chandra X-Ray Center

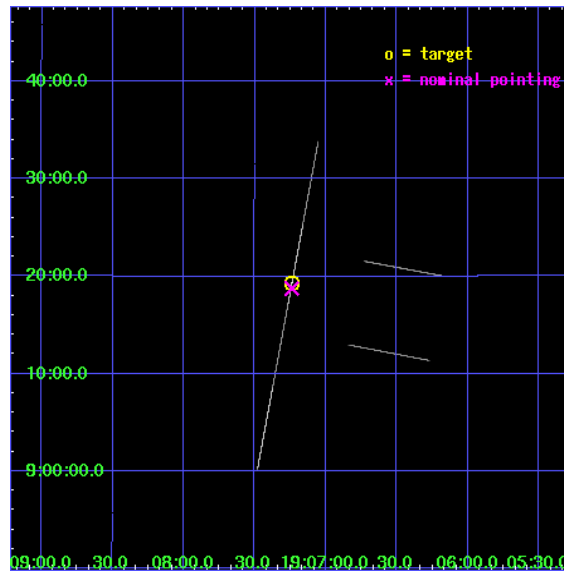
L2 Processing Date : Jun 29 2006

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1 Front

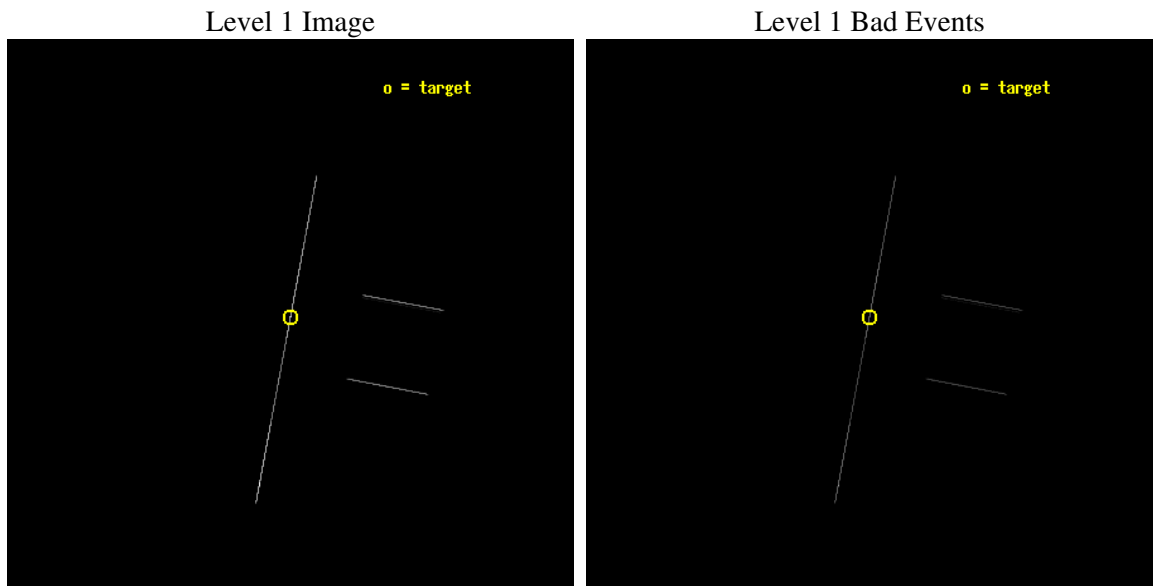
seq_num	500343
obs_id	3864
title	PROBING THE NATURE OF THE TORQUE VARIABILITY IN SGR 1900+14
observer	Dr. Peter Woods
object	SGR 1900+14
ra_targ	286.809583
dec_targ	9.32225
ra_nom	286.80967520372
dec_nom	9.312621455017
roll_nom	280.62159629649
revision	2
ontime	25399.332355082
livetime	25300.11621307
ontime2	25399.330227166
ontime3	25399.333087862
ontime5	25399.332352877
ontime6	25399.332354218
ontime7	25399.332355082
ontime8	25397.873585254
l2events	305263



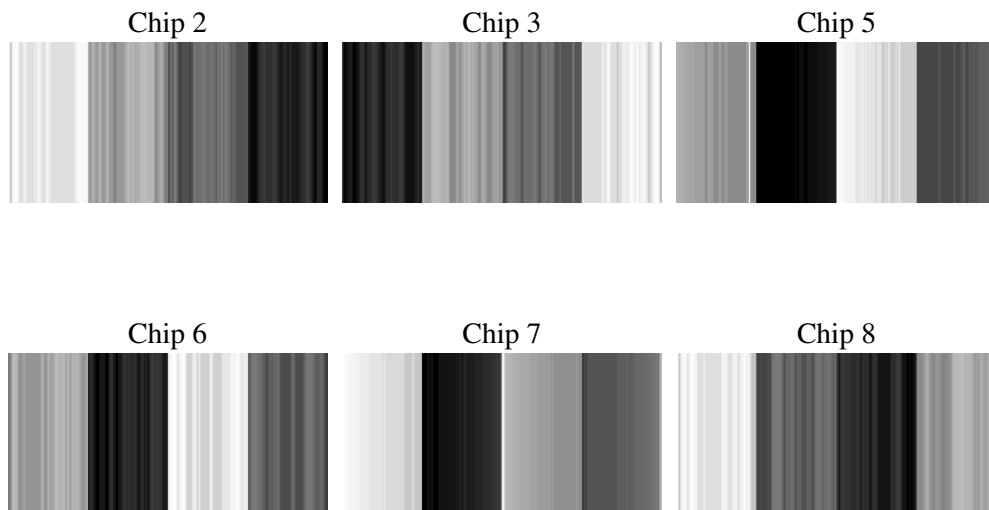
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-29T10:21:34
revision	2

sched_exp_time	25000.000000
ontime	26063.936524272
ontime2	26063.922519028
ontime3	26065.380633831
ontime5	26063.937140435
ontime6	26065.396618158
ontime7	26063.936524272
ontime8	26063.93723166
l1events	476611

2.1.4 Events

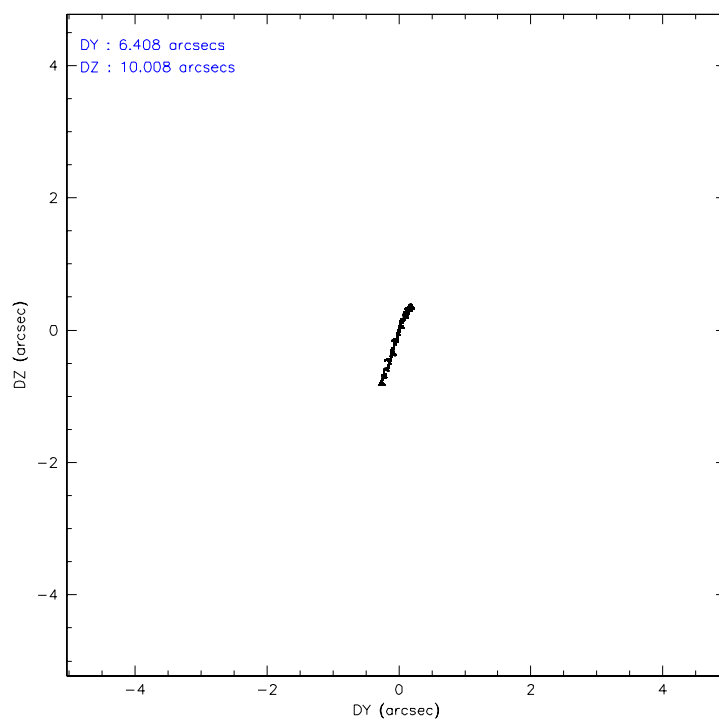
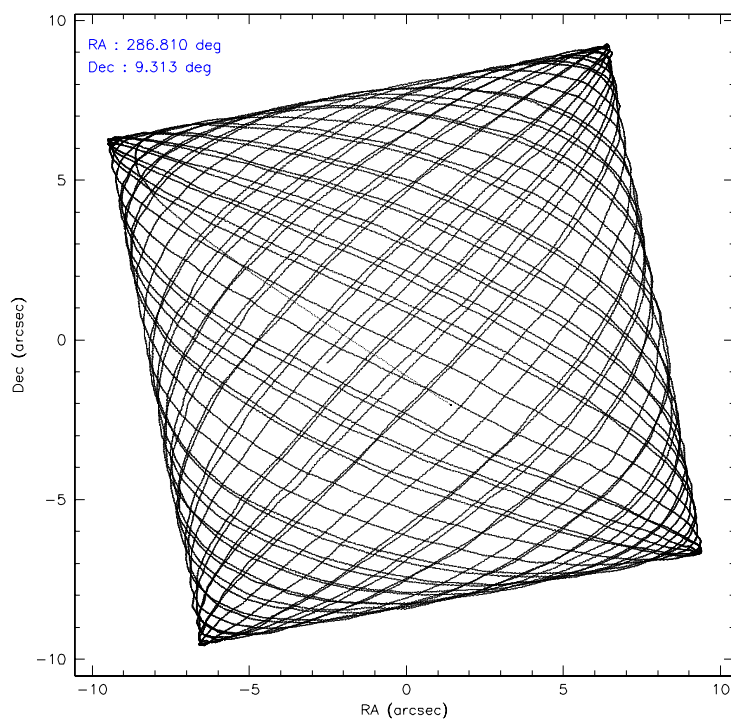
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	33614	36149	176916	36353	121967	71612
rejected events	6707	7453	18130	7728	19748	11424
rejected %	19%	20%	10%	21%	16%	15%

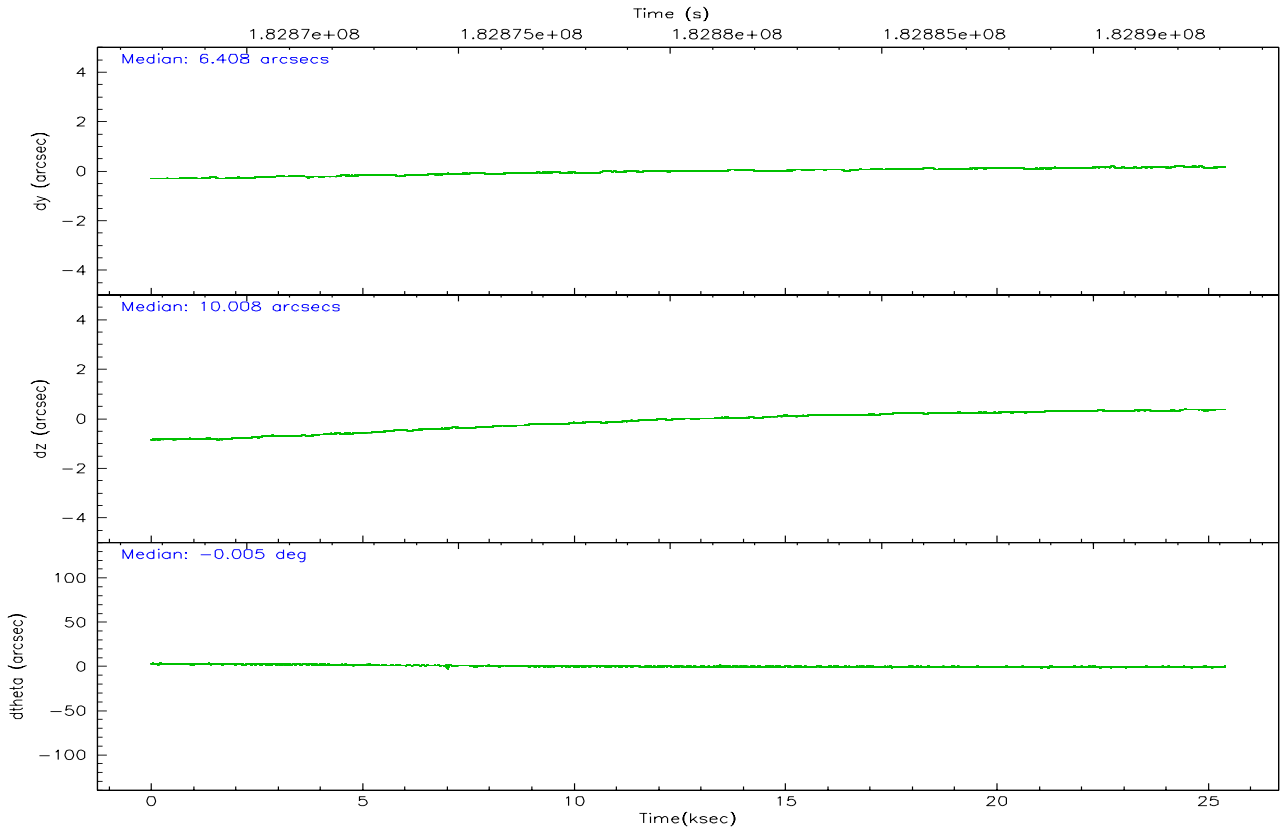
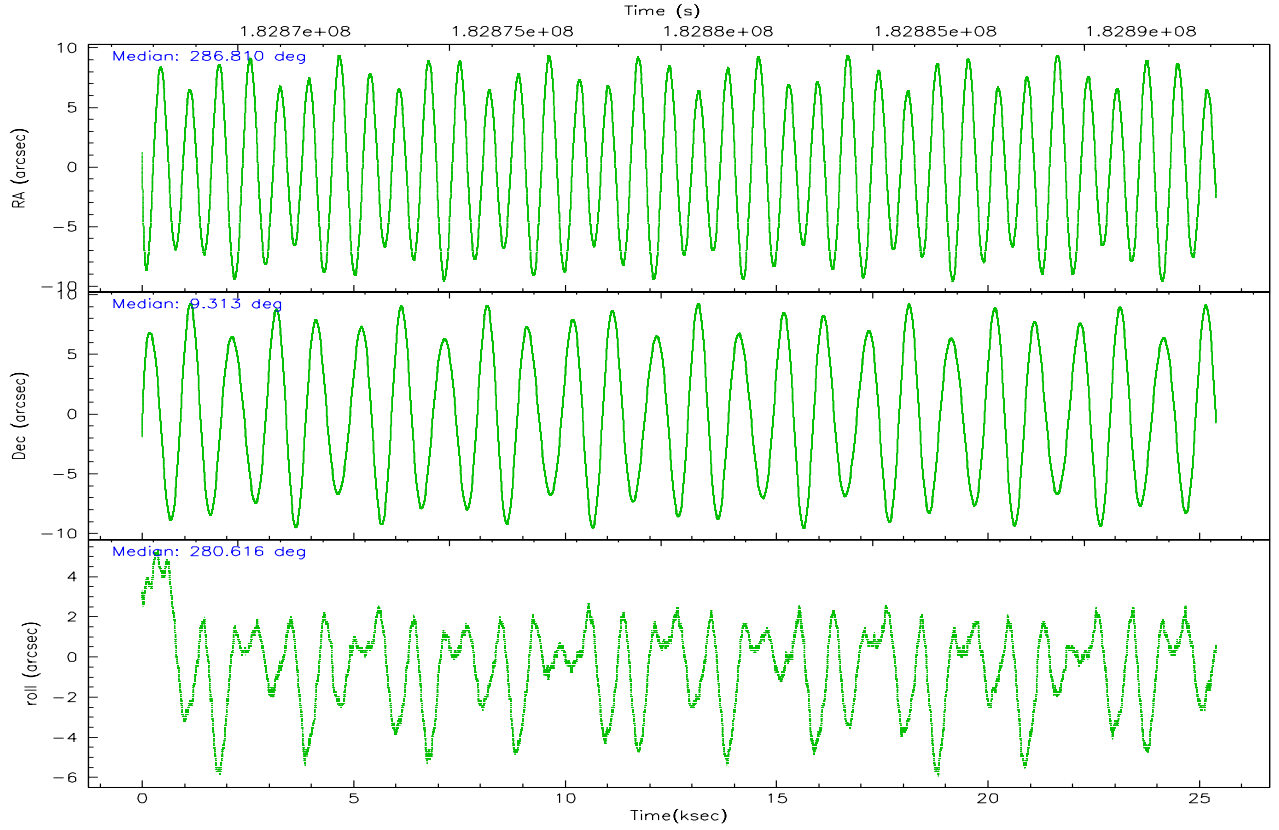
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3906	3908	44078	3299	7189	11542
	11%	10%	24%	9%	5%	16%
grade 1 events	136	138	162	138	221	251
	0%	0%	0%	0%	0%	0%
grade 2 events	10197	11117	42631	11347	27508	19069
	30%	30%	24%	31%	22%	26%
grade 3 events	3803	4345	2560	3862	4976	7424
	11%	12%	1%	10%	4%	10%
grade 4 events	3749	3706	2406	3745	4708	7019
	11%	10%	1%	10%	3%	9%
grade 5 events	5905	6581	13641	6935	17051	9846
	17%	18%	7%	19%	13%	13%
grade 6 events	5918	6354	71438	7027	60314	16461
	17%	17%	40%	19%	49%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	286.791424	286.8096752037154	Alternating exposures requested	N	N
Pointing Dec	9.333009	9.31262145501705	Primary exposure time	0.000000	0
Pointing Roll	280.467928	280.6215962964947			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	182868127.184000	182867055.28168			
Observation start date	2003-10-18T12:41:03	2003-10-18T12:24:15			
Observation end time	182893127.184000	182893680.68283			
Observation end date	2003-10-18T19:37:43	2003-10-18T19:48:00			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



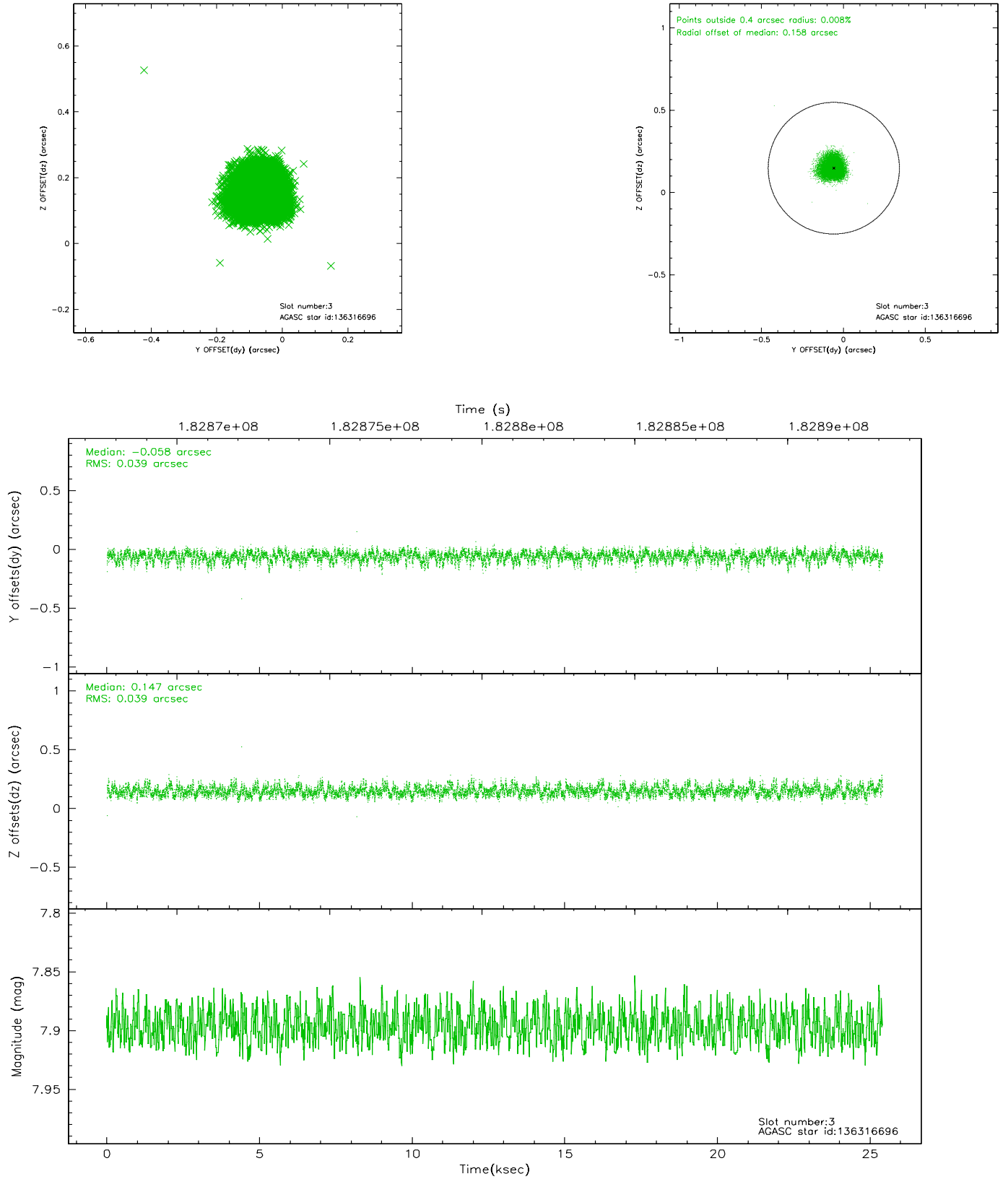


Slot Statistics

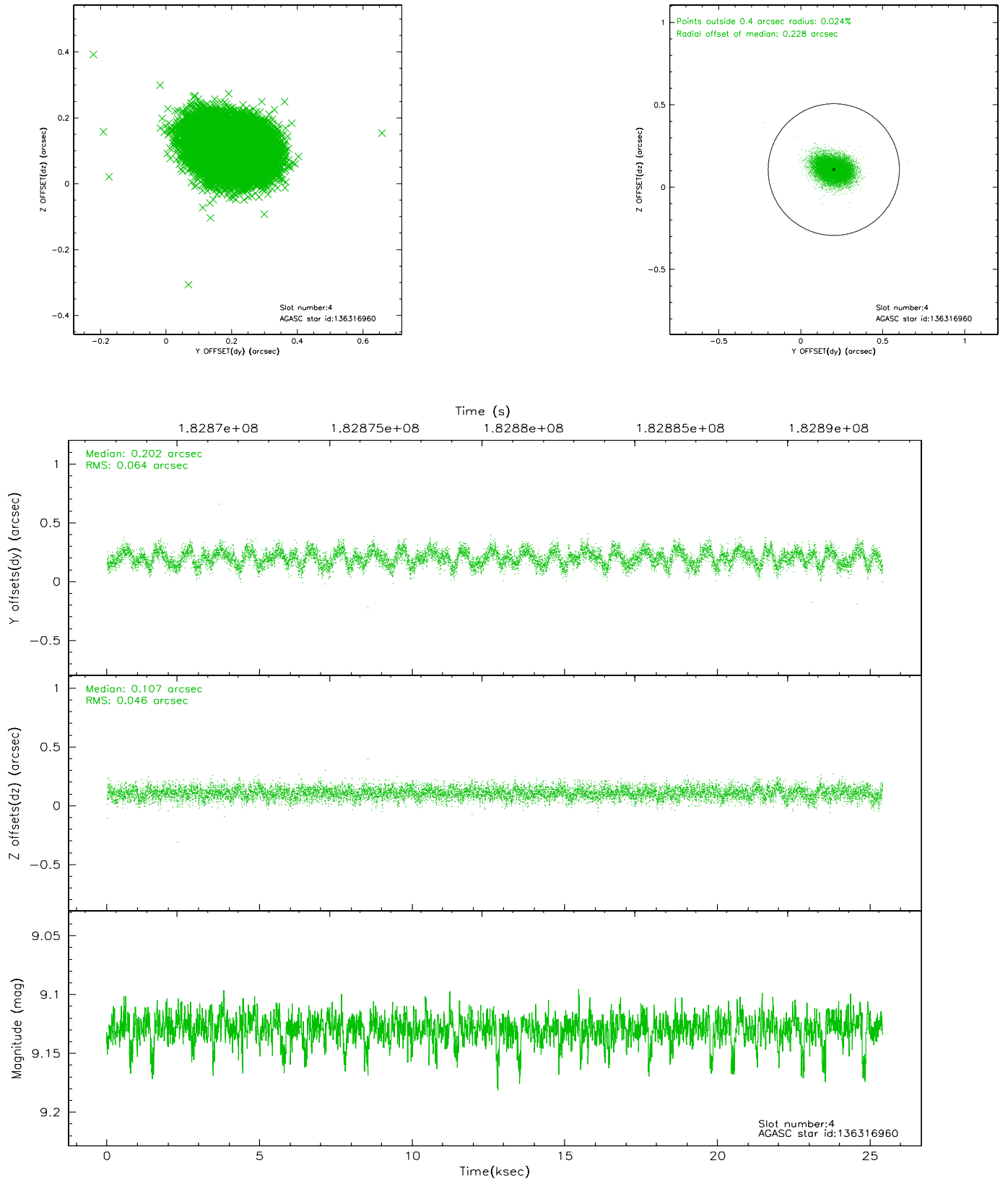
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6194	-0.048	-0.002	0.010	0.018	0.000000	0.000000	-759.15	-1731.10
1	FID	ACIS-S-4	7.20	6194	0.034	0.023	0.005	0.010	0.000000	0.000000	2154.14	177.32
2	FID	ACIS-S-5	7.23	6194	-0.018	-0.014	0.009	0.017	0.000000	0.000000	-1811.83	171.05
3	GUIDE	136316696	7.90	12390	-0.058	0.147	0.059	0.095	287.190166	9.367792	133.47	1415.79
4	GUIDE	136316960	9.13	12377	0.202	0.107	0.084	0.134	287.104881	9.133555	908.52	965.67
5	GUIDE	136323720	8.86	12386	0.153	-0.109	0.079	0.130	286.331708	8.774626	1679.52	-1973.32
6	GUIDE	136844512	7.38	12392	-0.159	0.028	0.056	0.086	286.436543	9.770401	-1777.29	-952.21
7	GUIDE	136845056	9.46	12384	-0.132	-0.174	0.080	0.132	286.321553	9.661191	-1465.63	-1425.26

2.4 Star Slots

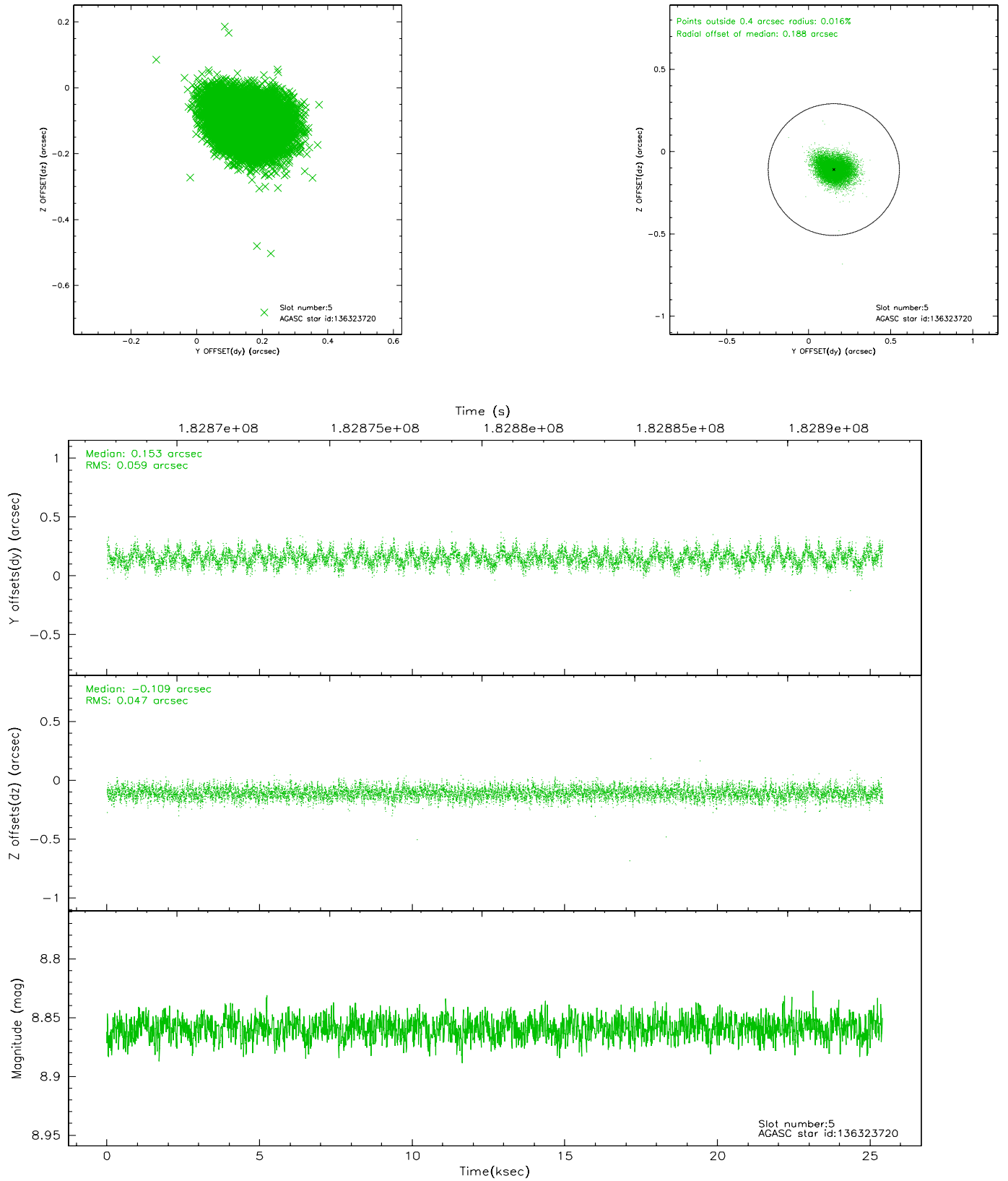
2.4.1 Slot 3



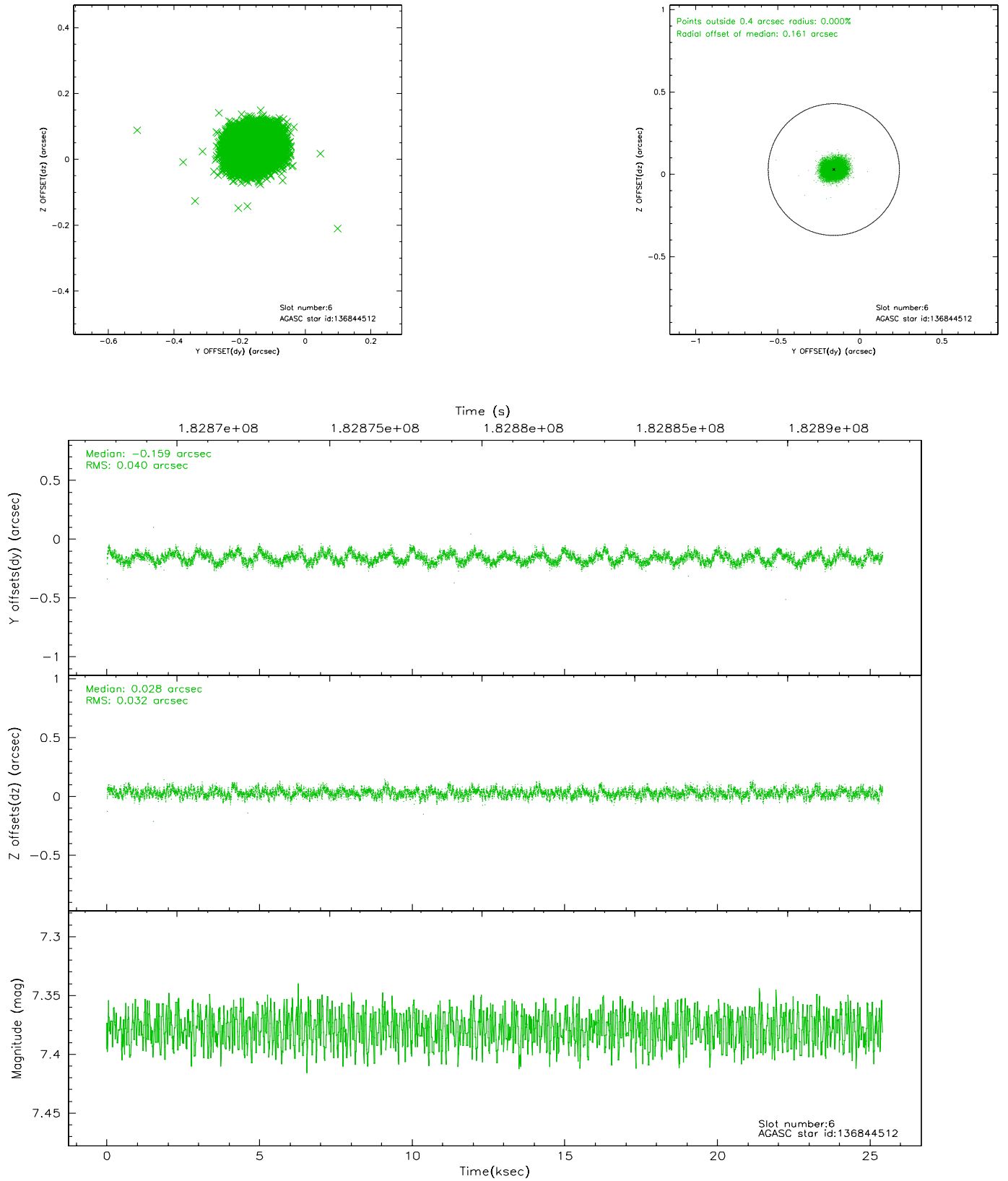
2.4.2 Slot 4



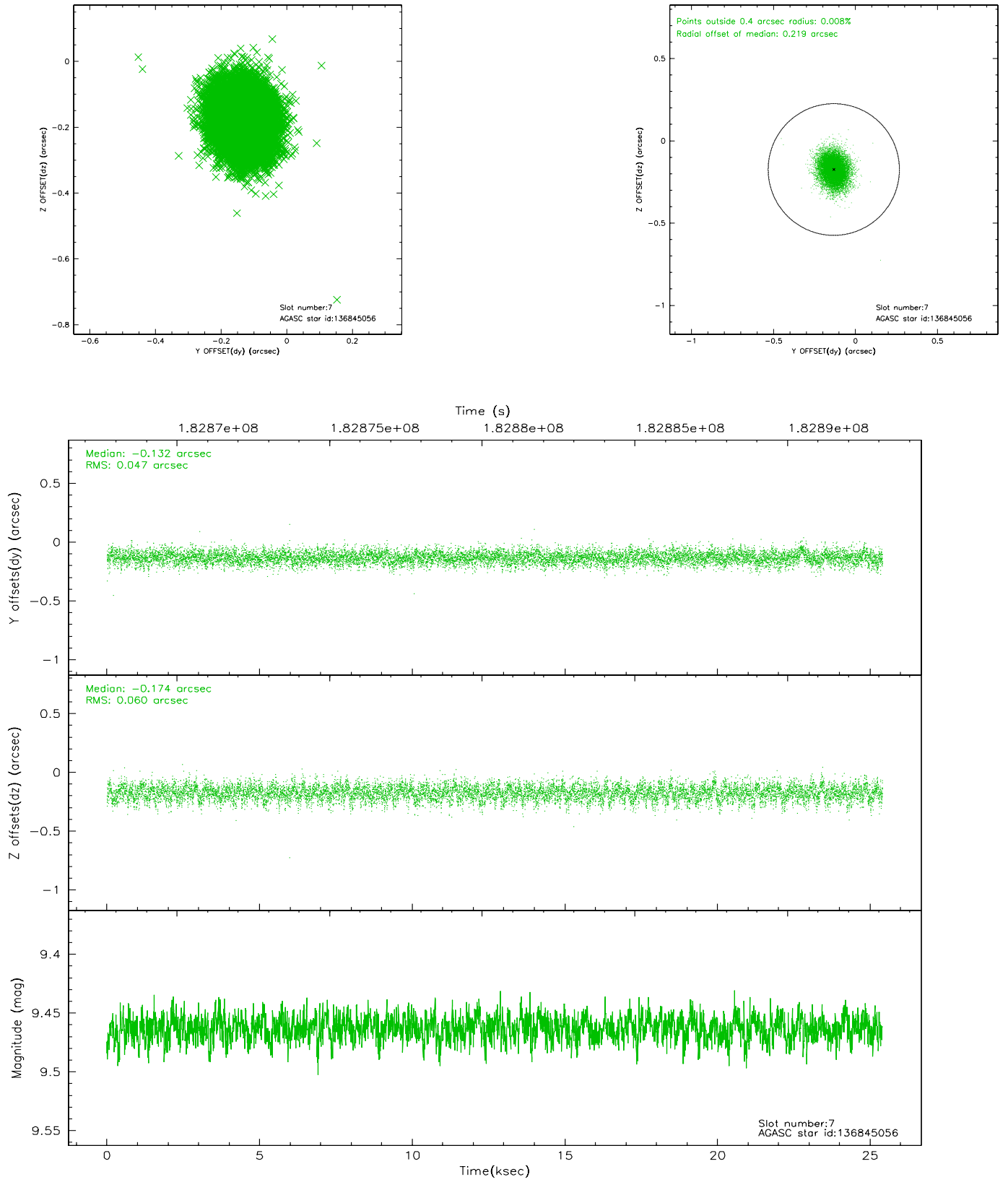
2.4.3 Slot 5



2.4.4 Slot 6

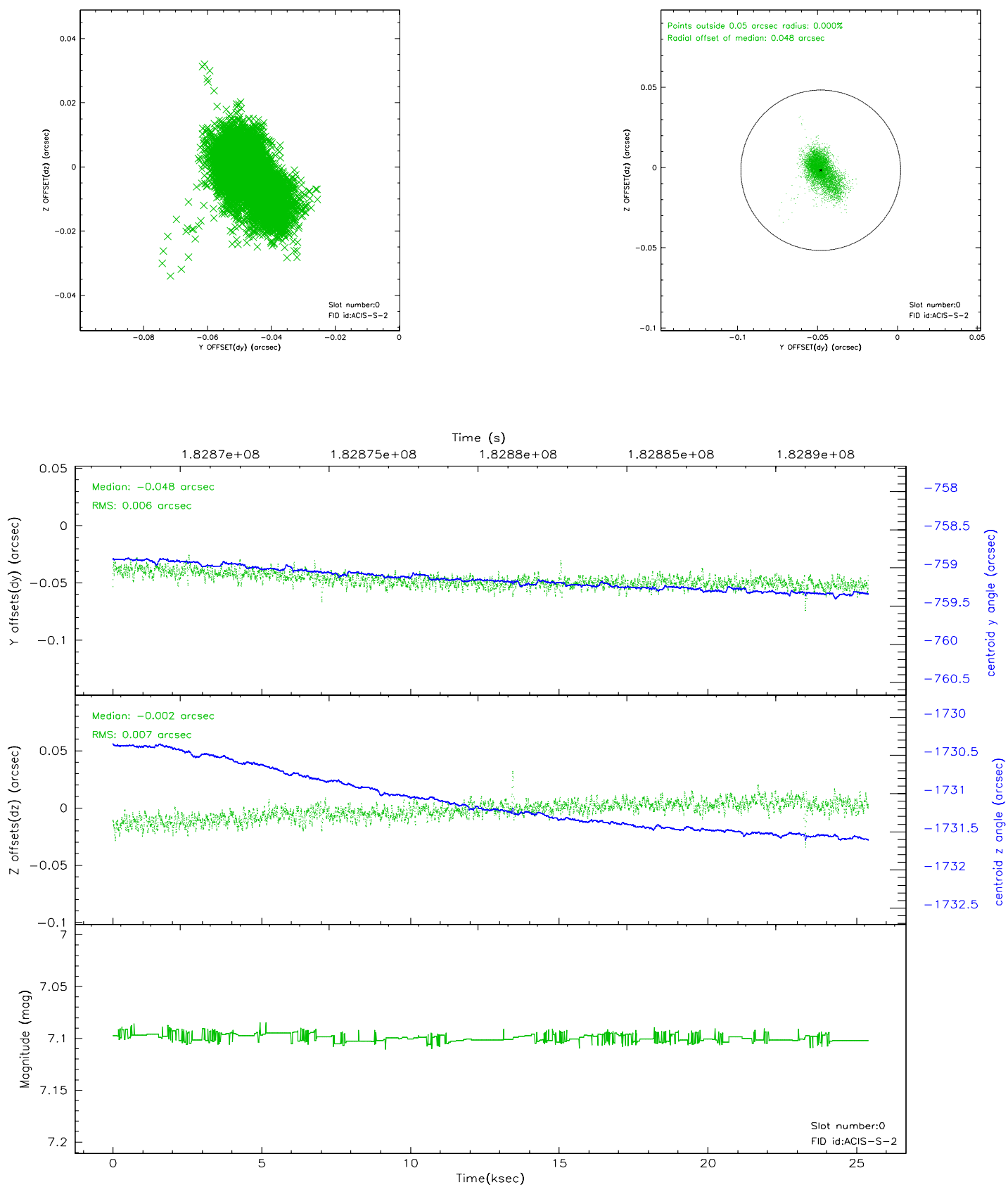


2.4.5 Slot 7

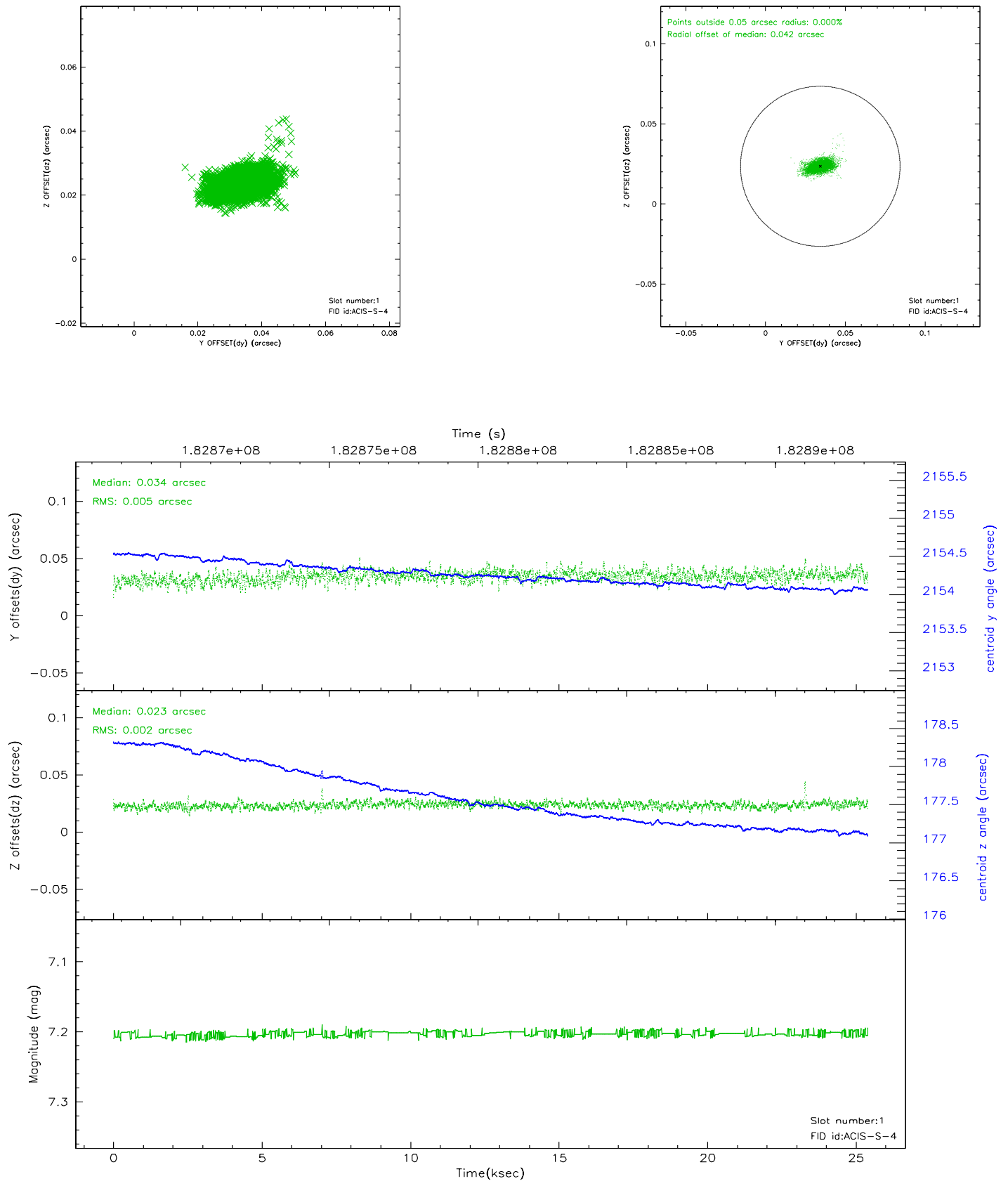


2.5 FID Slots

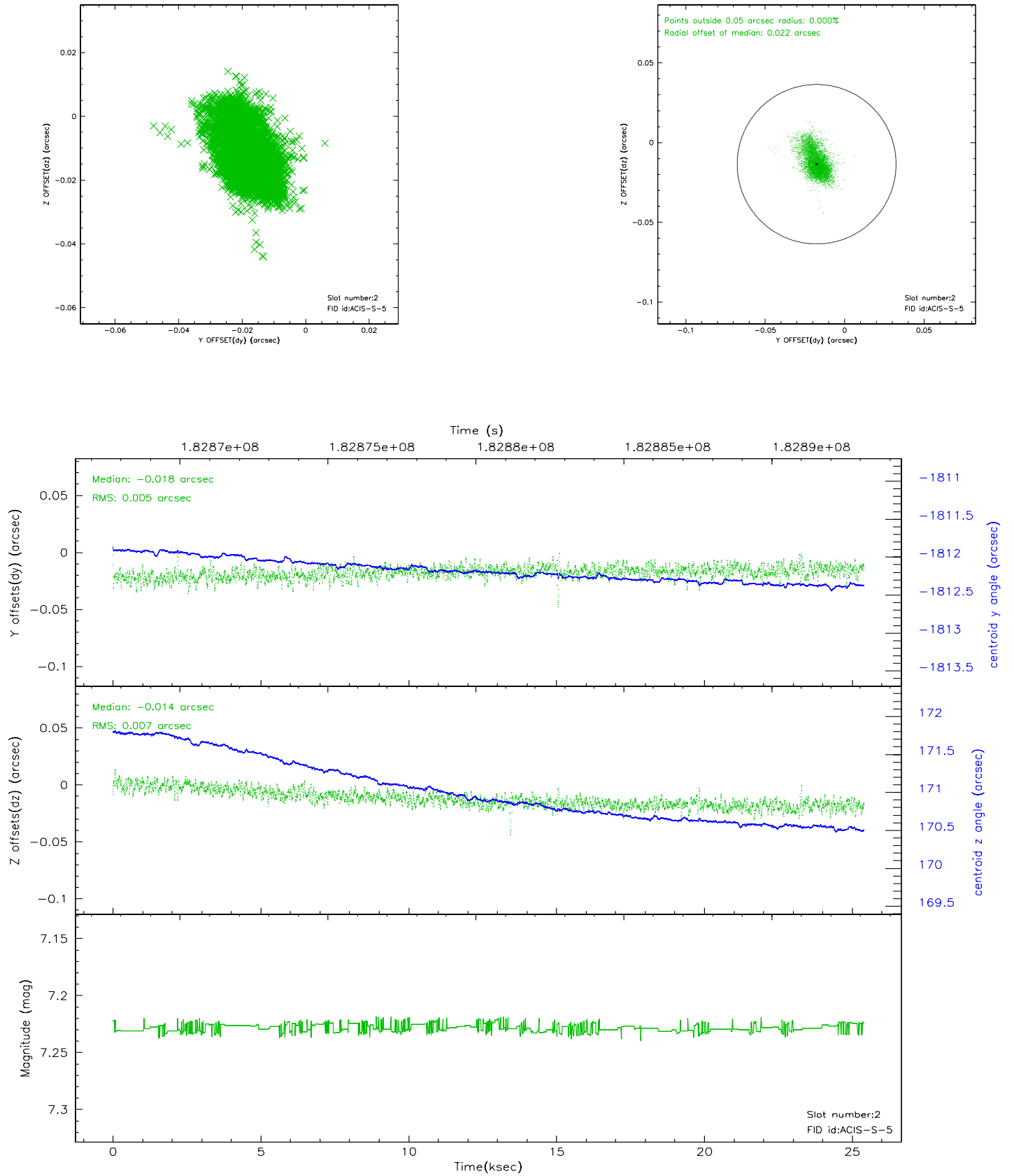
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.402

A.2 Comments