

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3863 - L2 Version 001
Chandra X-Ray Center

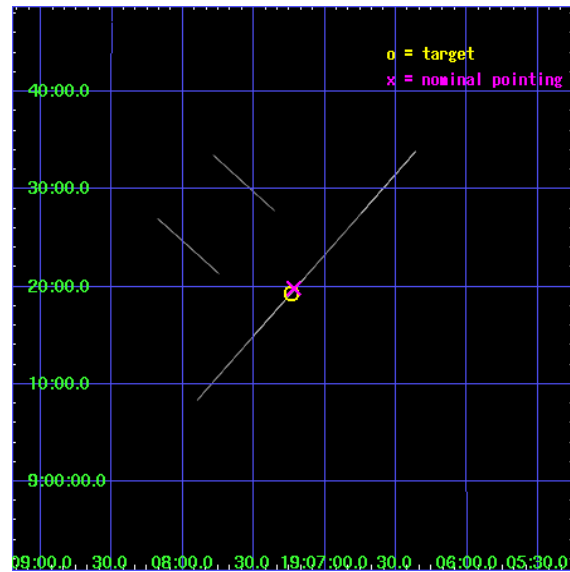
L2 Processing Date : Aug 3 2006

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1 Front

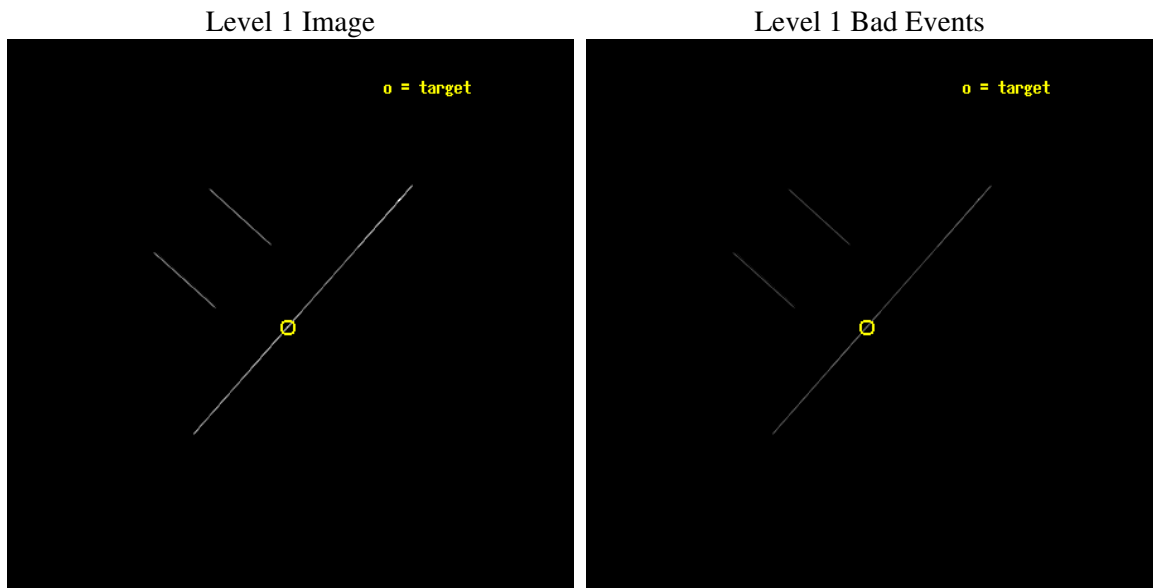
seq_num	500342
obs_id	3863
title	PROBING THE NATURE OF THE TORQUE VARIABILITY IN SGR 1900+14
observer	Dr. Peter Woods
object	SGR 1900+14
ra_targ	286.809583
dec_targ	9.32225
ra_nom	286.80445426964
dec_nom	9.3304507055083
roll_nom	131.6787193908
revision	2
ontime	25692.25
livetime	25591.889648438
ontime2	25692.25
ontime3	25692.25
ontime5	25692.25
ontime6	25692.25
ontime7	25692.25
ontime8	25692.25
l2events	297077



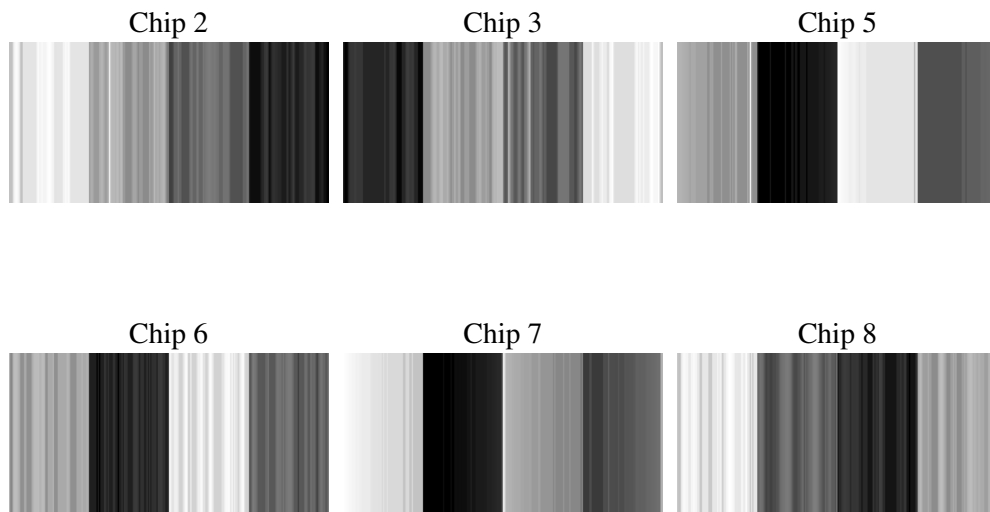
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-08-03T07:14:22
revision	2

sched_exp_time	25000.000000
ontime	26063.947118521
ontime2	26062.46772632
ontime3	26064.015487522
ontime5	26063.947290748
ontime6	26063.947191268
ontime7	26063.947118521
ontime8	26063.947017908
l1events	461897

2.1.4 Events

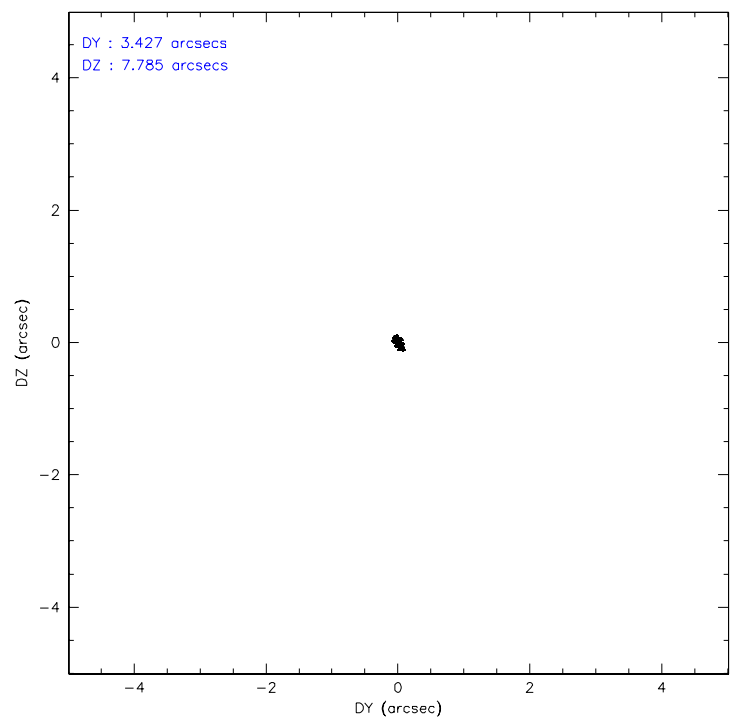
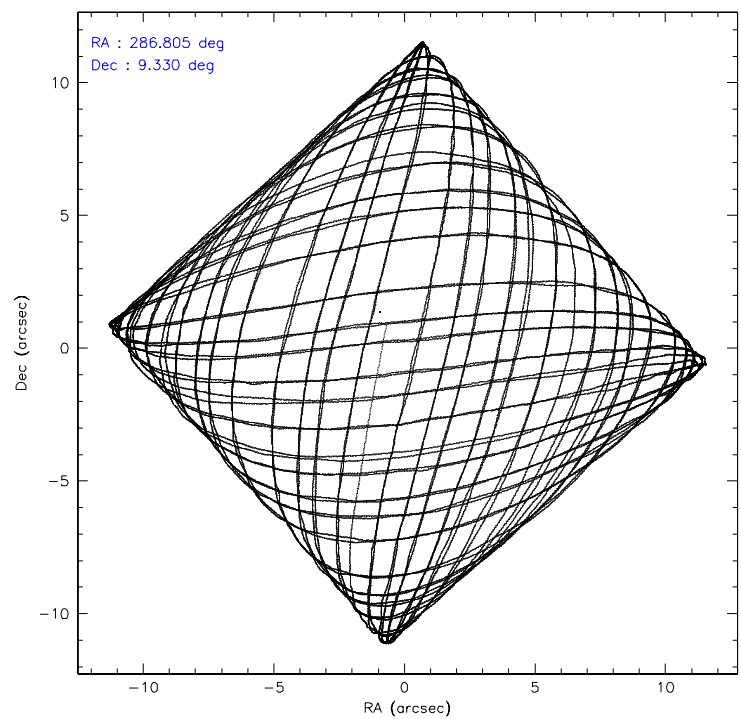
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	30957	33952	182172	34733	117045	63038
rejected events	6025	6466	14339	6758	16638	9580
rejected %	19%	19%	7%	19%	14%	15%

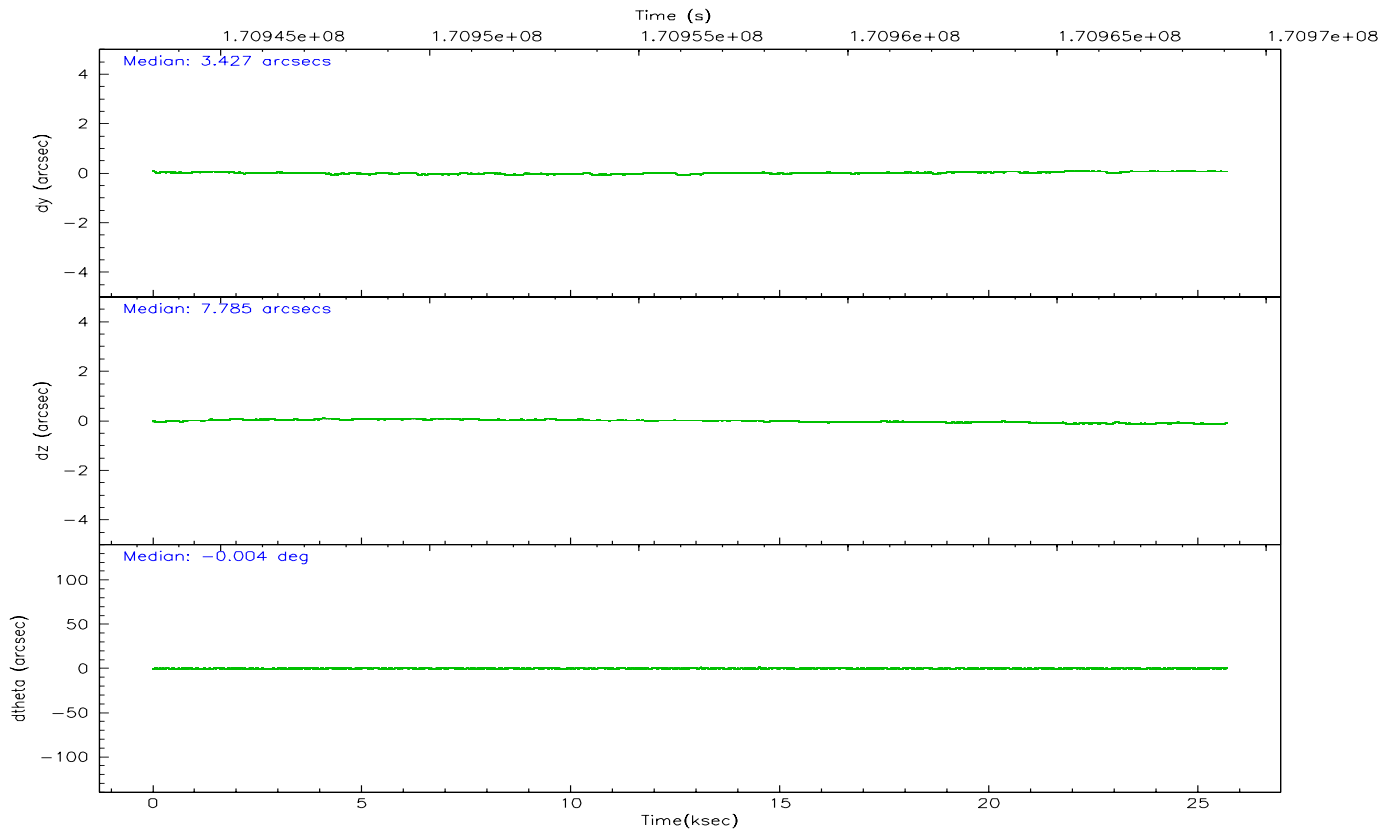
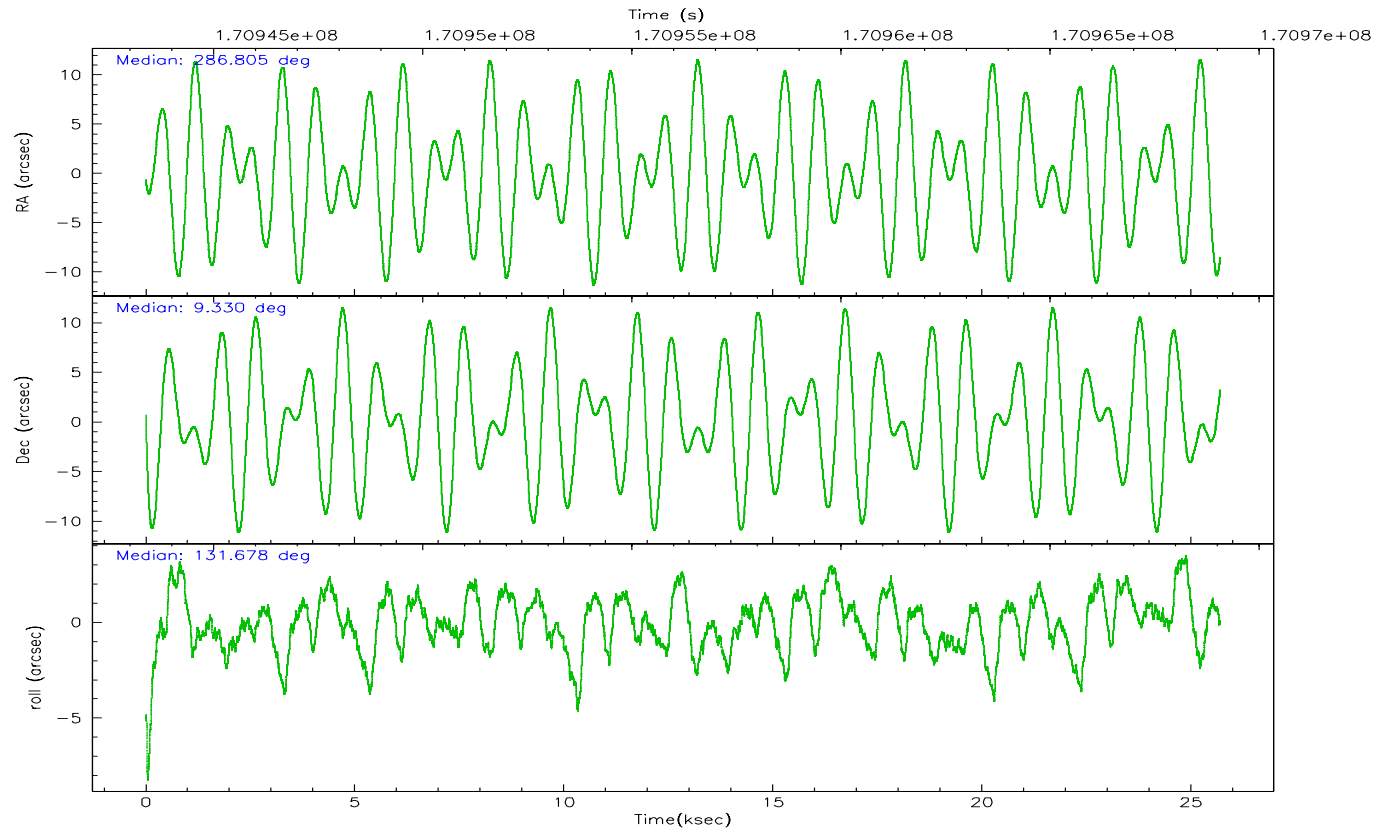
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3731	3722	55429	3430	7718	10305
	12%	10%	30%	9%	6%	16%
grade 1 events	114	136	142	107	181	210
	0%	0%	0%	0%	0%	0%
grade 2 events	9395	10706	43231	11347	26921	16970
	30%	31%	23%	32%	23%	26%
grade 3 events	3319	4136	2518	3596	5144	6332
	10%	12%	1%	10%	4%	10%
grade 4 events	3449	3344	2309	3451	5077	6263
	11%	9%	1%	9%	4%	9%
grade 5 events	5568	5944	11943	6232	15201	8725
	17%	17%	6%	17%	12%	13%
grade 6 events	5381	5964	66600	6570	56803	14233
	17%	17%	36%	18%	48%	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	286.830756	286.8044542696386	Alternating exposures requested	N	N
Pointing Dec	9.322277	9.330450705508254	Primary exposure time	0.000000	0
Pointing Roll	131.517826	131.6787193907972			
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	170944078.184000	170942858.20978			
Observation start date	2003-06-02T12:26:54	2003-06-02T12:07:38			
Observation end time	170969078.184000	170969767.53592			
Observation end date	2003-06-02T19:23:34	2003-06-02T19:36:07			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



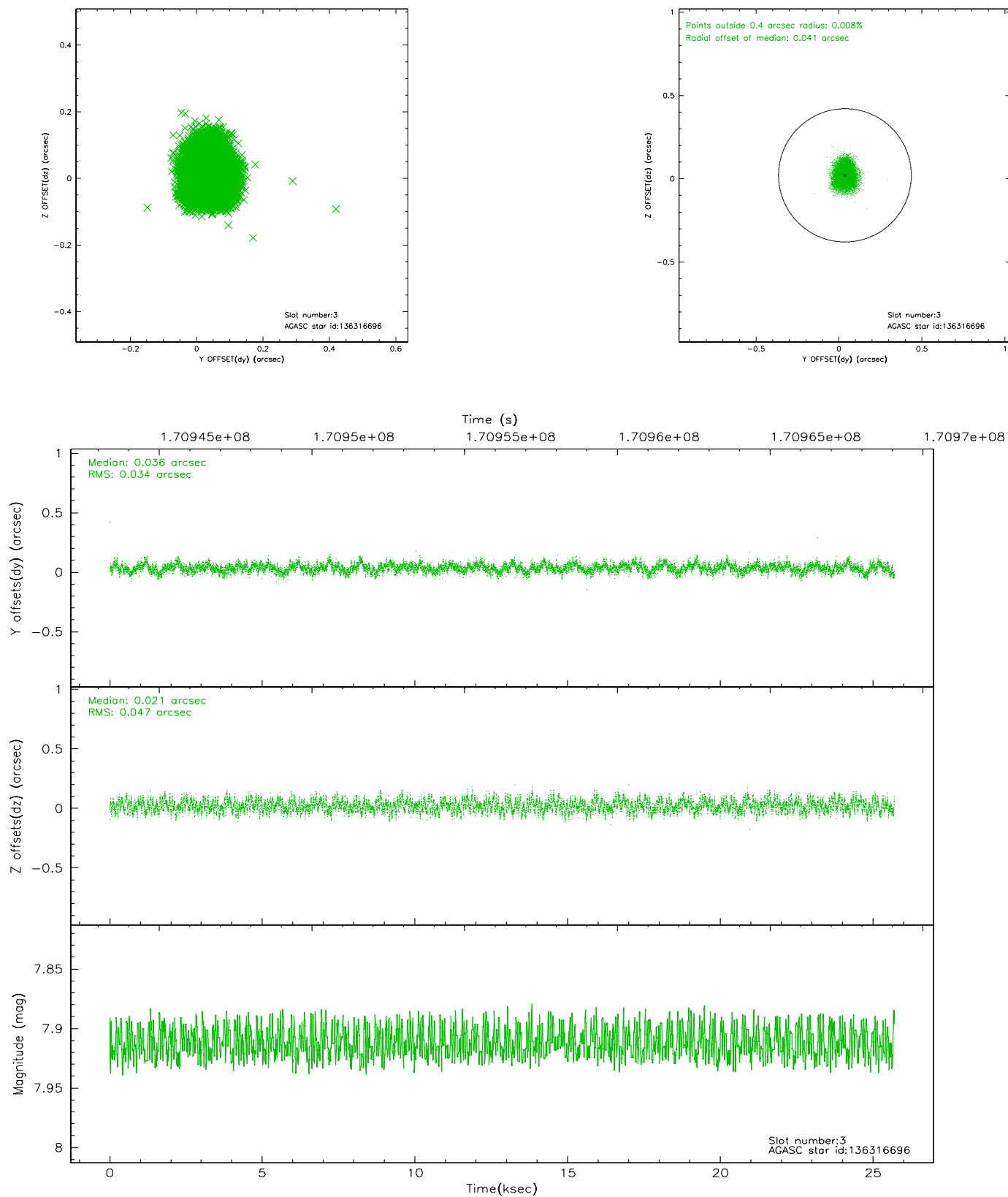


Slot Statistics

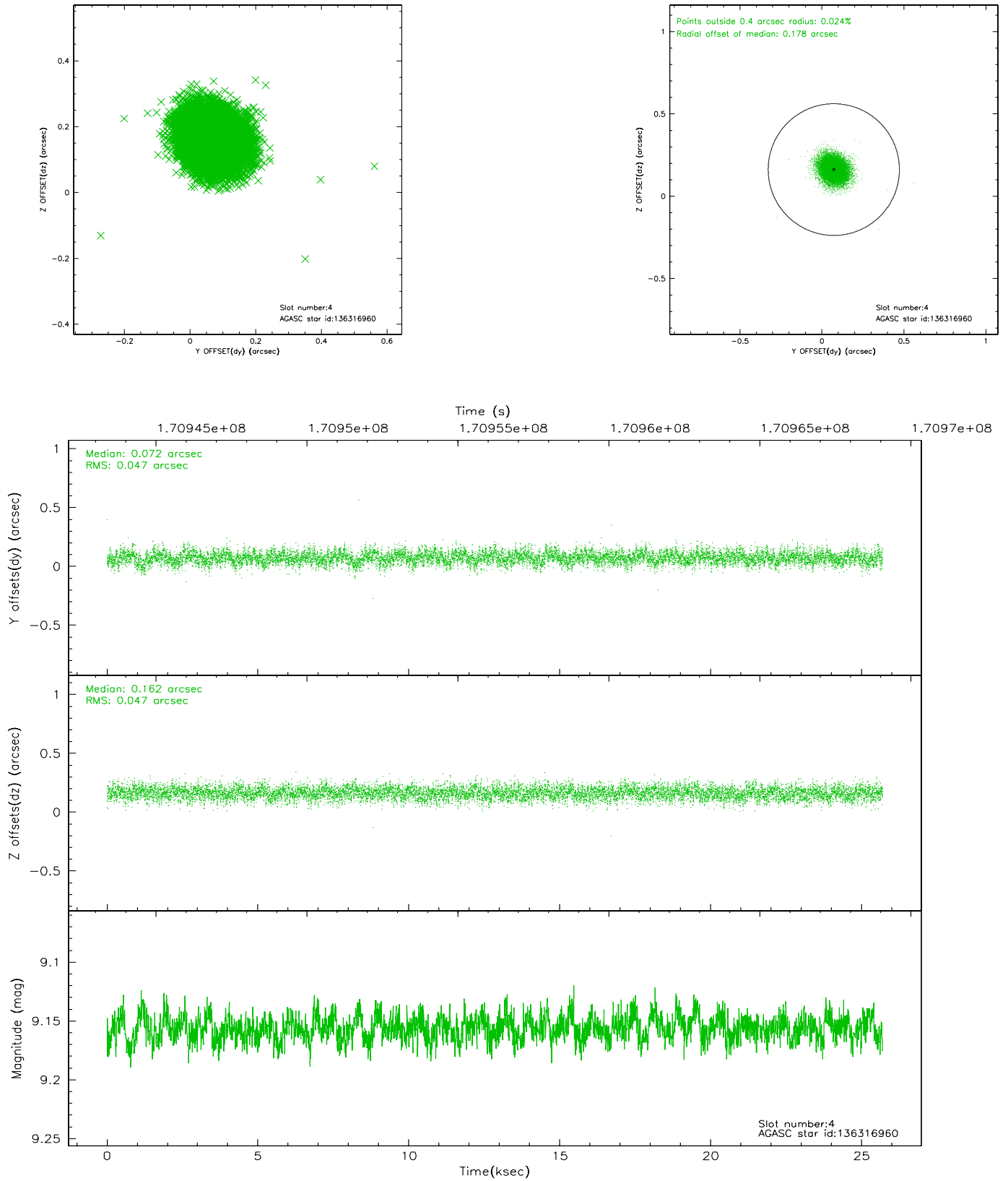
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	6268	0.032	-0.018	0.008	0.013	0.000000	0.000000	939.94	-1724.63
1	FID	ACIS-S-4	7.20	6268	-0.025	0.001	0.007	0.011	0.000000	0.000000	2157.38	179.42
2	FID	ACIS-S-5	7.24	6268	-0.034	0.029	0.006	0.011	0.000000	0.000000	-1808.82	173.23
3	GUIDE	136316696	7.91	12534	0.036	0.021	0.062	0.099	287.190166	9.367792	-722.52	-1064.74
4	GUIDE	136316960	9.16	12532	0.072	0.162	0.071	0.114	287.104881	9.133555	-1153.92	-279.29
5	GUIDE	136317344	9.24	12527	0.116	-0.117	0.076	0.124	287.032148	8.921467	-1554.66	419.96
6	GUIDE	136845056	9.49	12526	0.016	0.031	0.087	0.142	286.321553	9.661191	2112.61	543.72
7	GUIDE	136845920	7.22	12530	-0.244	-0.098	0.045	0.076	286.285607	9.642131	2146.04	684.56

2.4 Star Slots

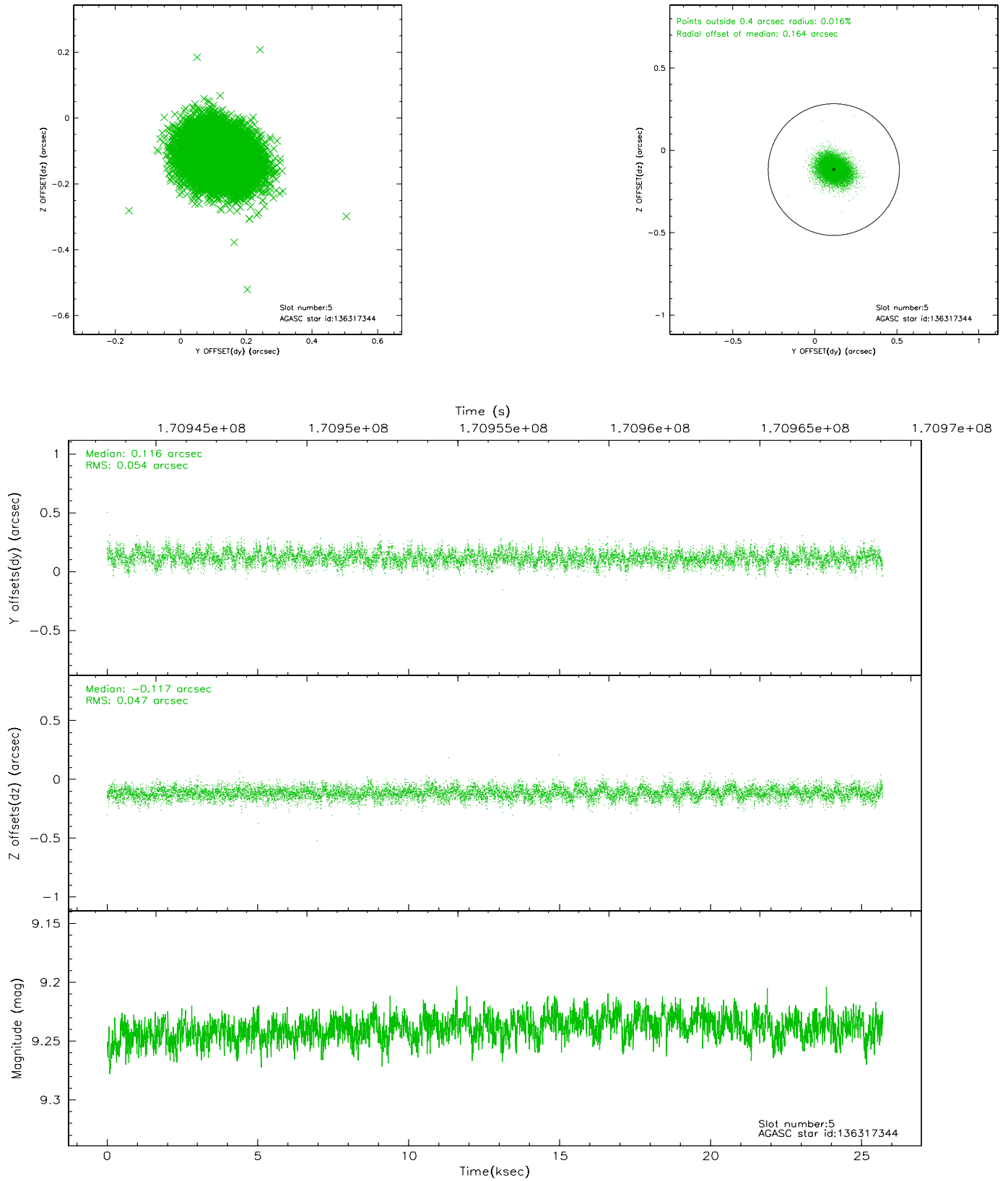
2.4.1 Slot 3



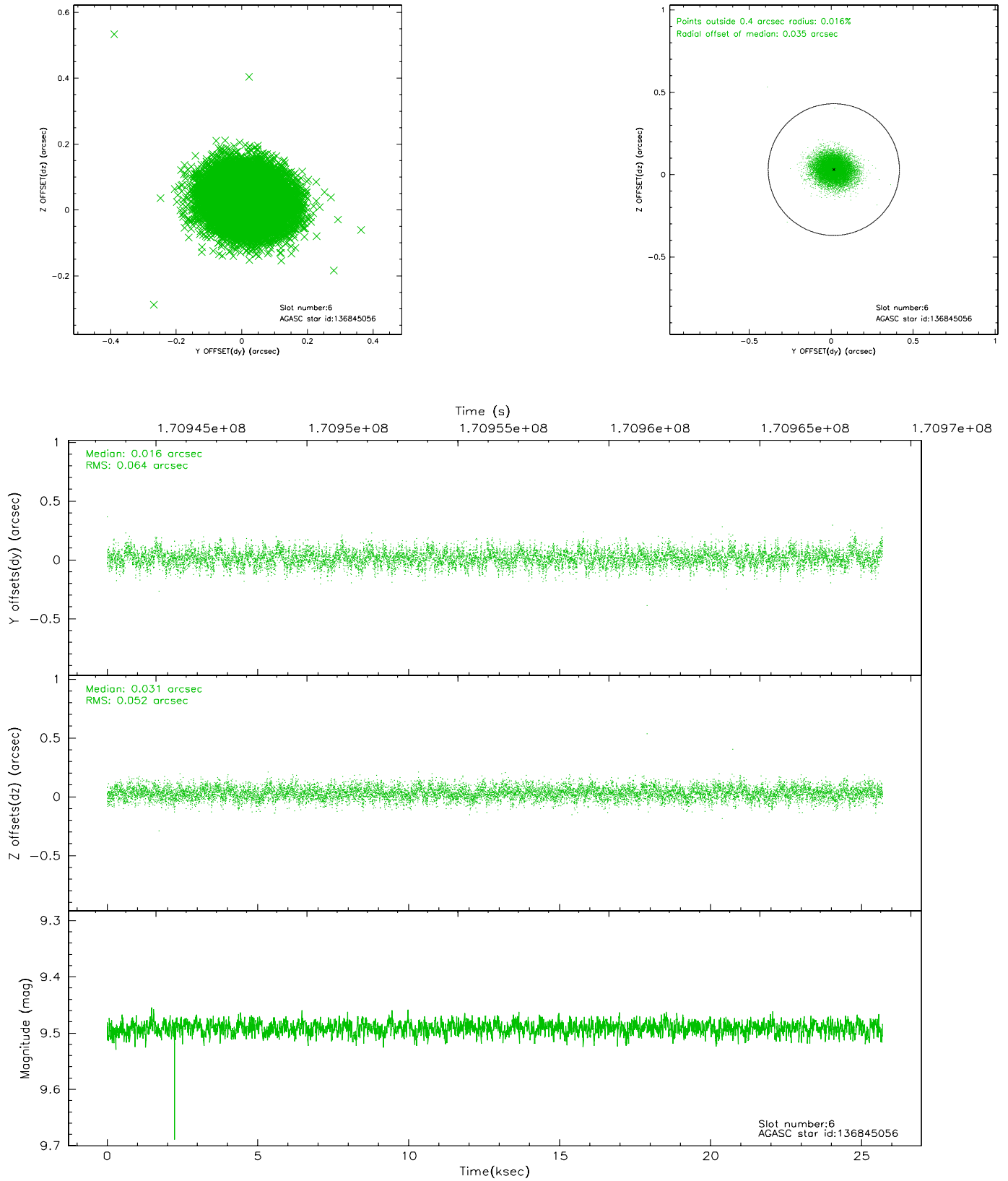
2.4.2 Slot 4



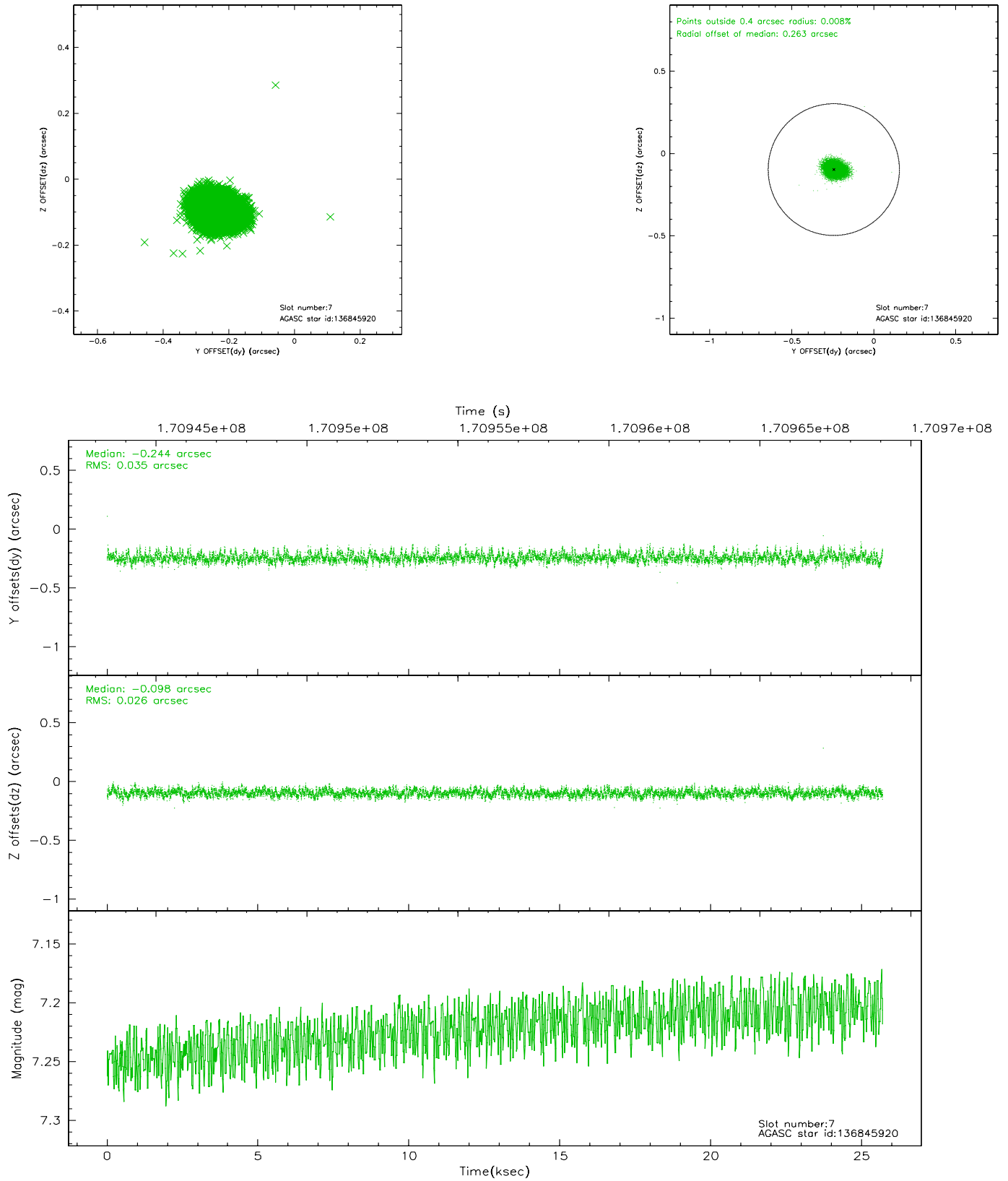
2.4.3 Slot 5



2.4.4 Slot 6

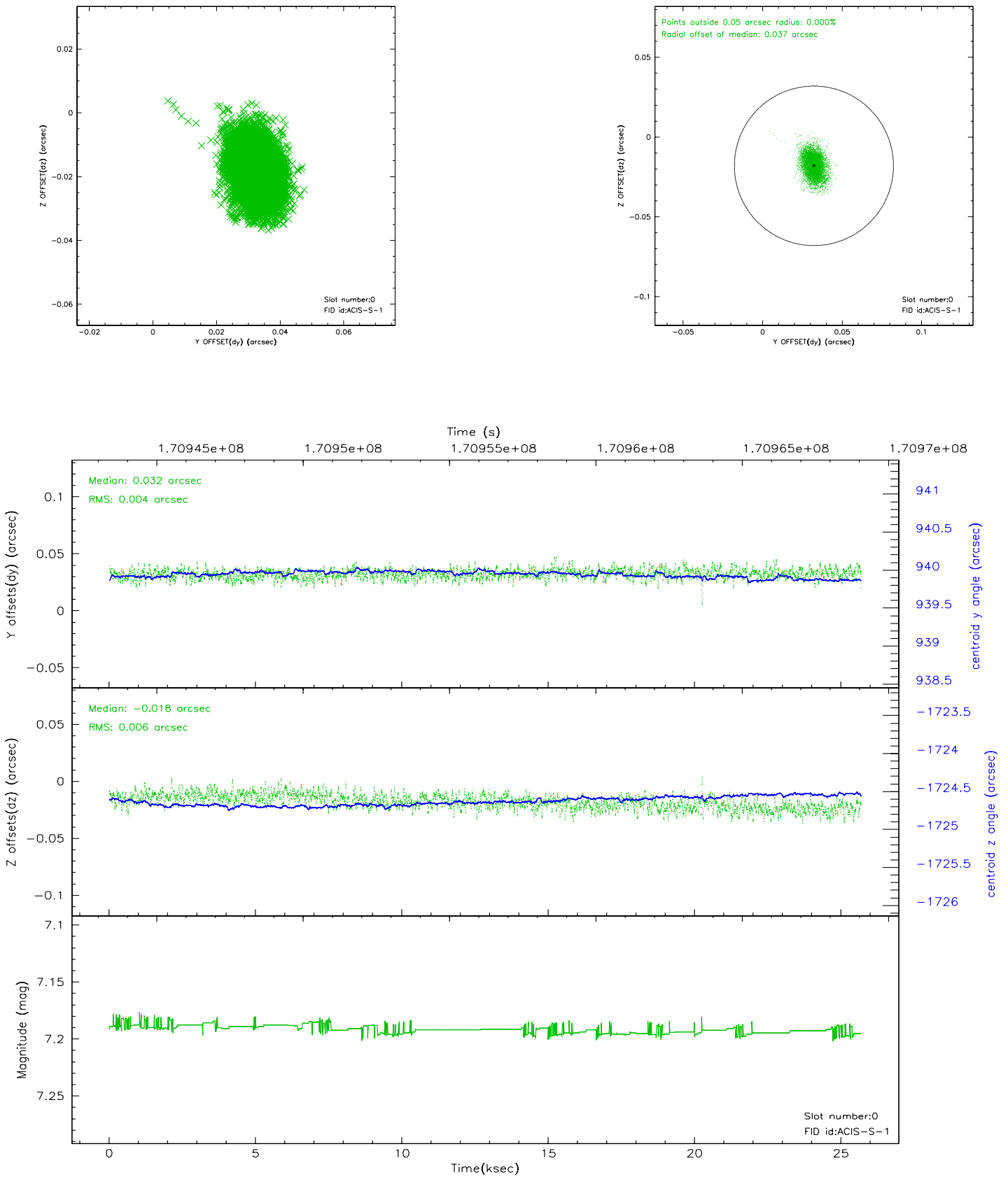


2.4.5 Slot 7

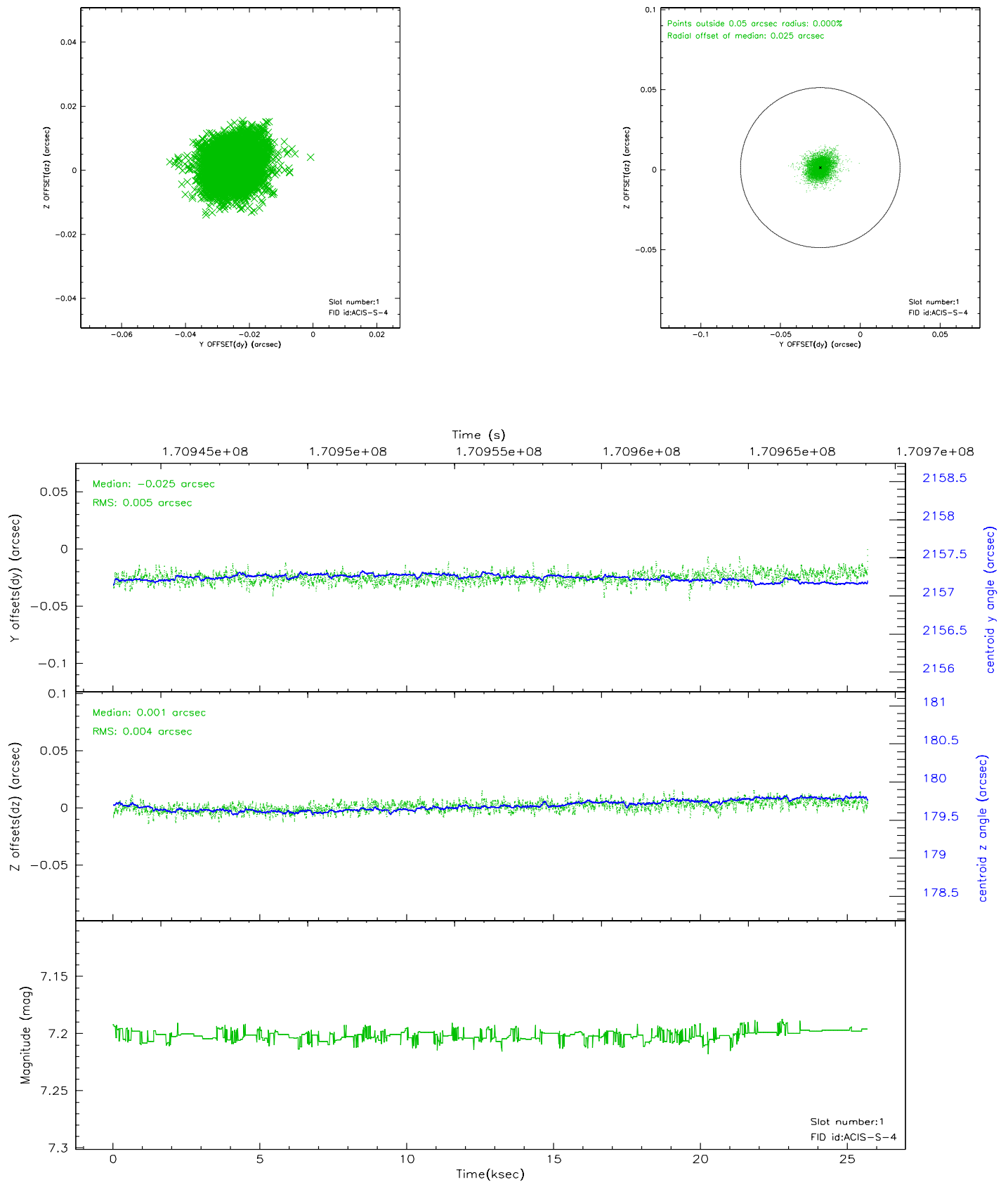


2.5 FID Slots

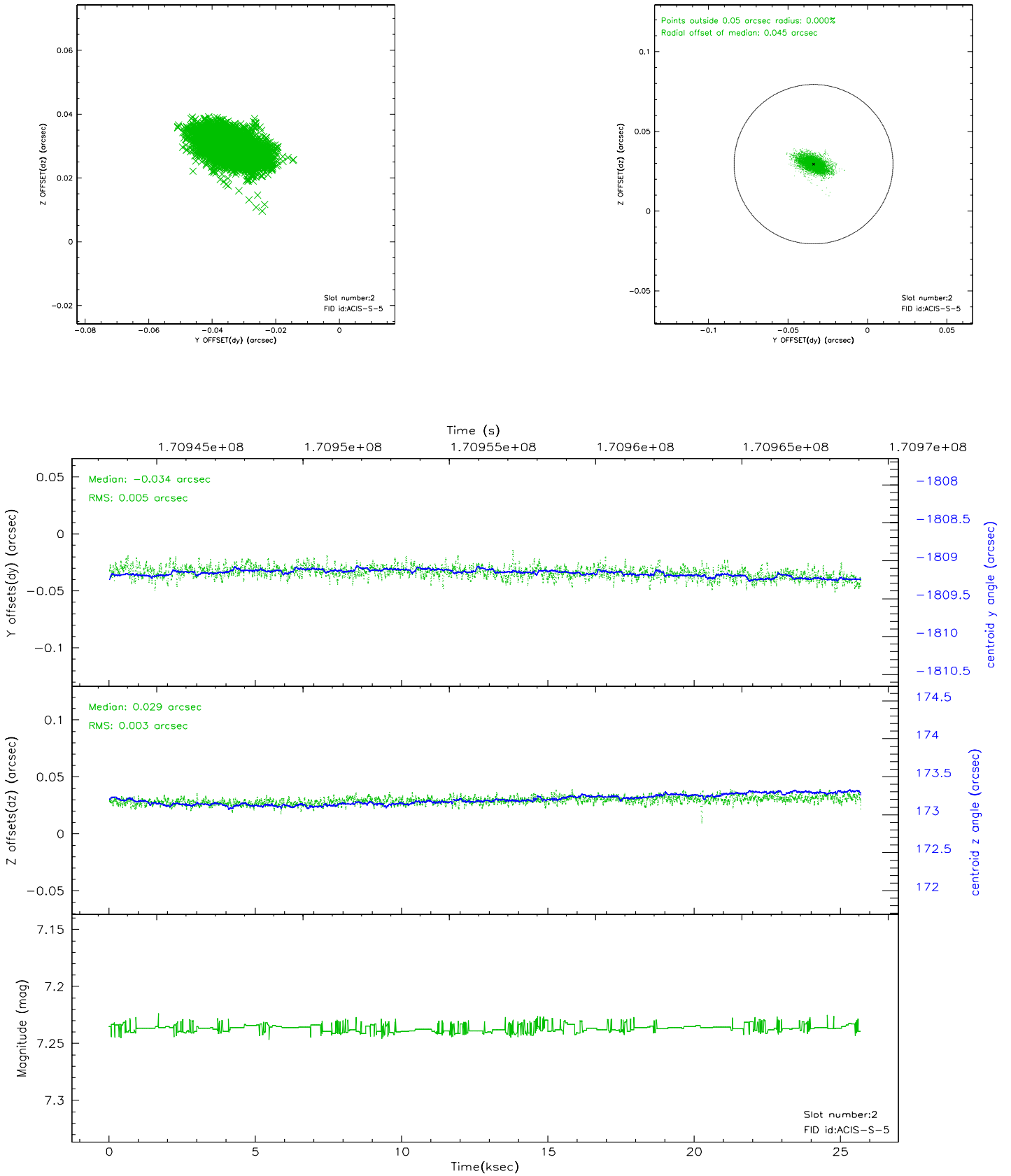
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.696

A.2 Comments