

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3862 - L2 Version 001
Chandra X-Ray Center

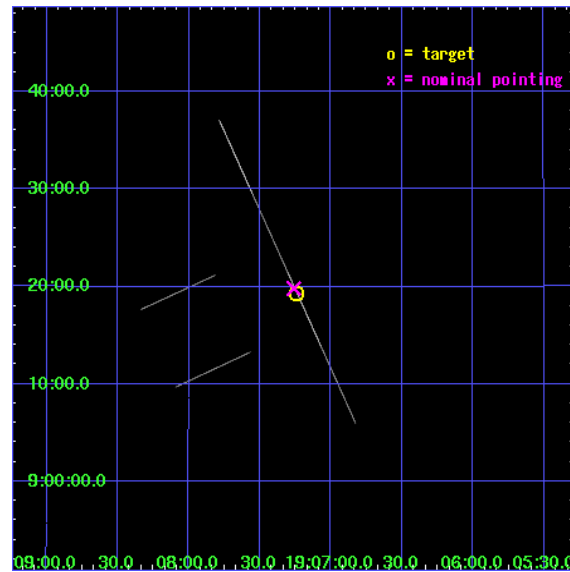
L2 Processing Date : Jul 27 2006

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1 Front

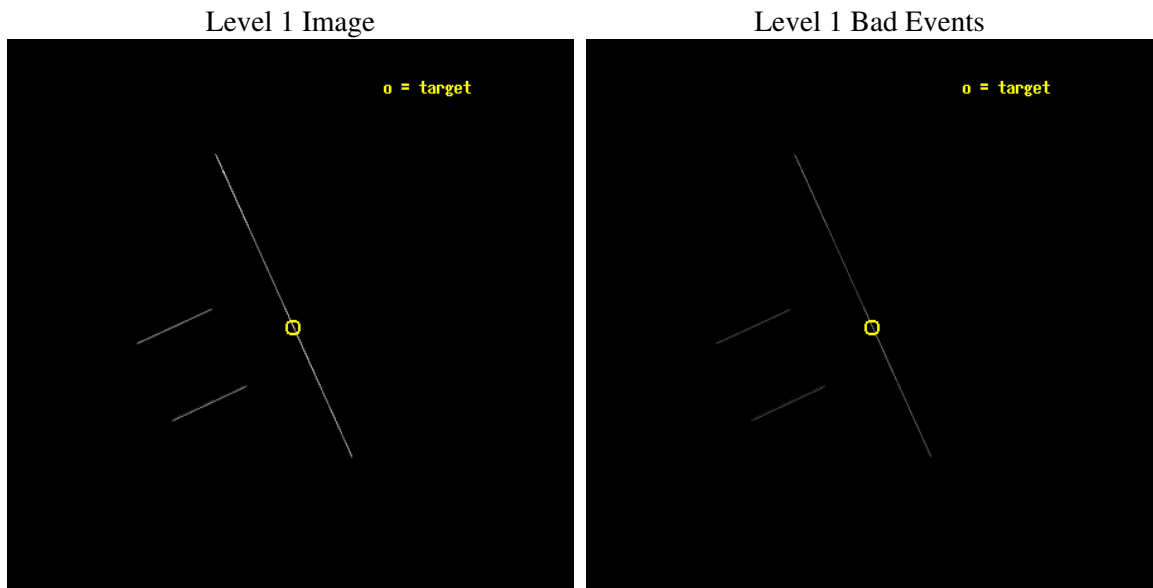
seq_num	500341
obs_id	3862
title	PROBING THE NATURE OF THE TORQUE VARIABILITY IN SGR 1900+14
observer	Dr. Peter Woods
object	SGR 1900+14
ra_targ	286.809583
dec_targ	9.32225
ra_nom	286.81514865481
dec_nom	9.3302103001866
roll_nom	65.417237424266
revision	2
ontime	25228.5
livetime	25129.951171875
ontime2	25228.5
ontime3	25228.5
ontime5	25228.5
ontime6	25228.5
ontime7	25228.5
ontime8	25228.5
l2events	287722



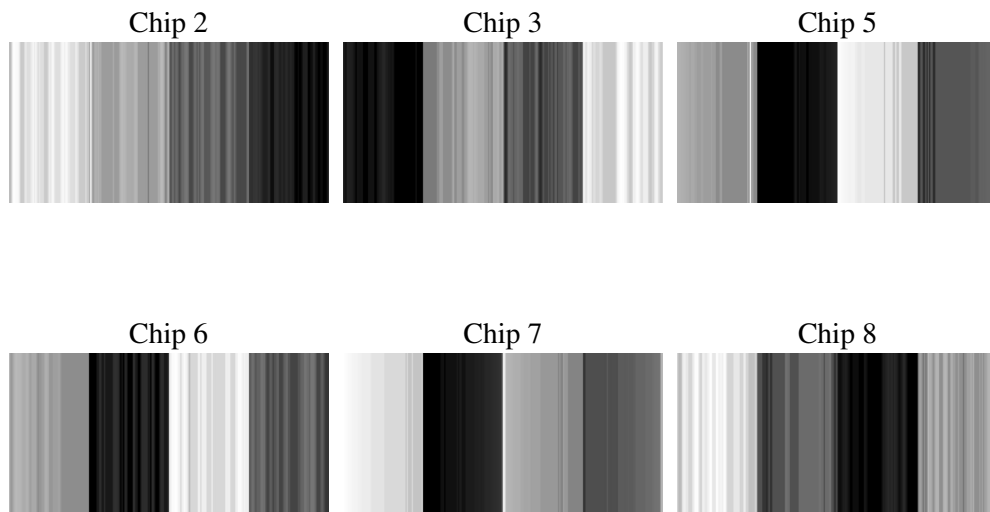
2 OBI

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	2006-07-27T16:38:45
revision	2

sched_exp_time	25000.000000
ontime	26004.063352257
ontime2	26005.495462149
ontime3	26007.031748176
ontime5	26004.064366817
ontime6	26004.063865721
ontime7	26004.063352257
ontime8	26006.981752396
l1events	440900

2.1.4 Events

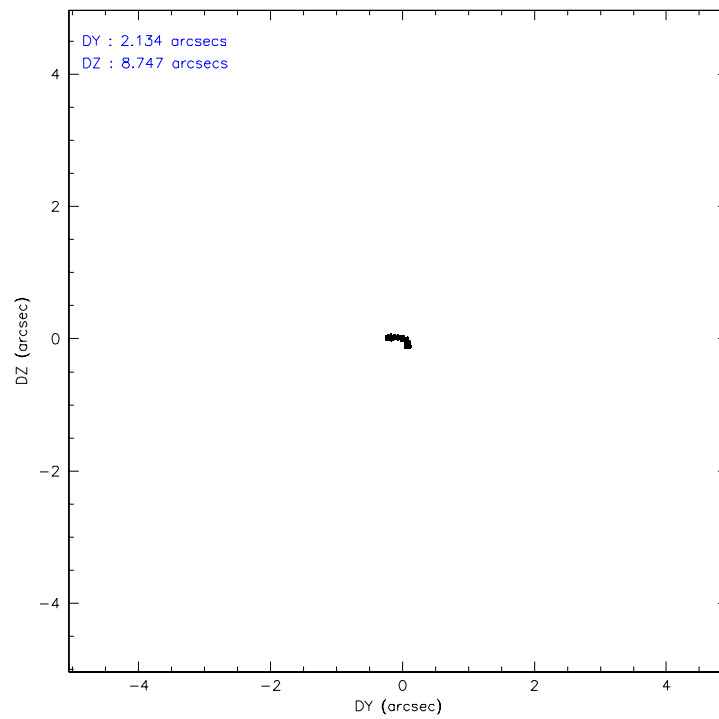
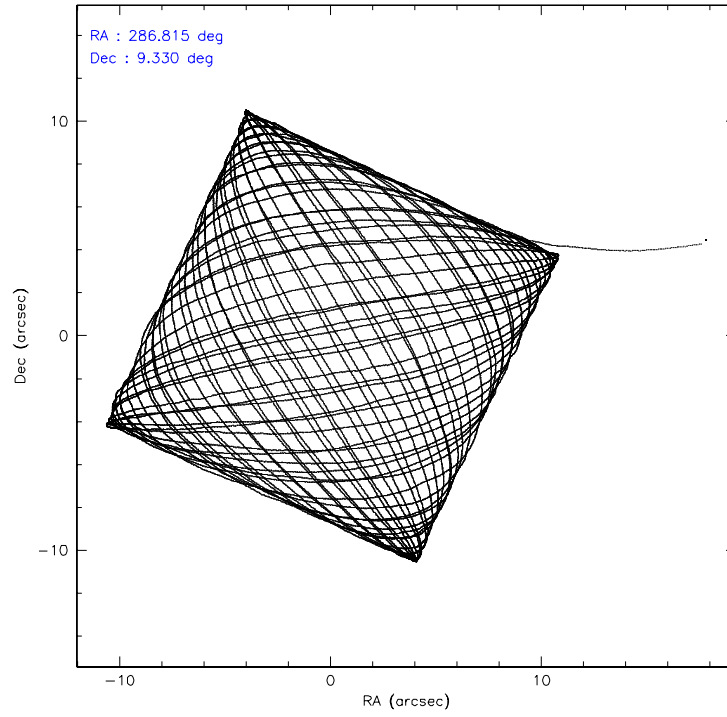
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	34155	33645	160797	34308	112469	65526
rejected events	6386	6823	16881	7363	17895	10784
rejected %	18%	20%	10%	21%	15%	16%

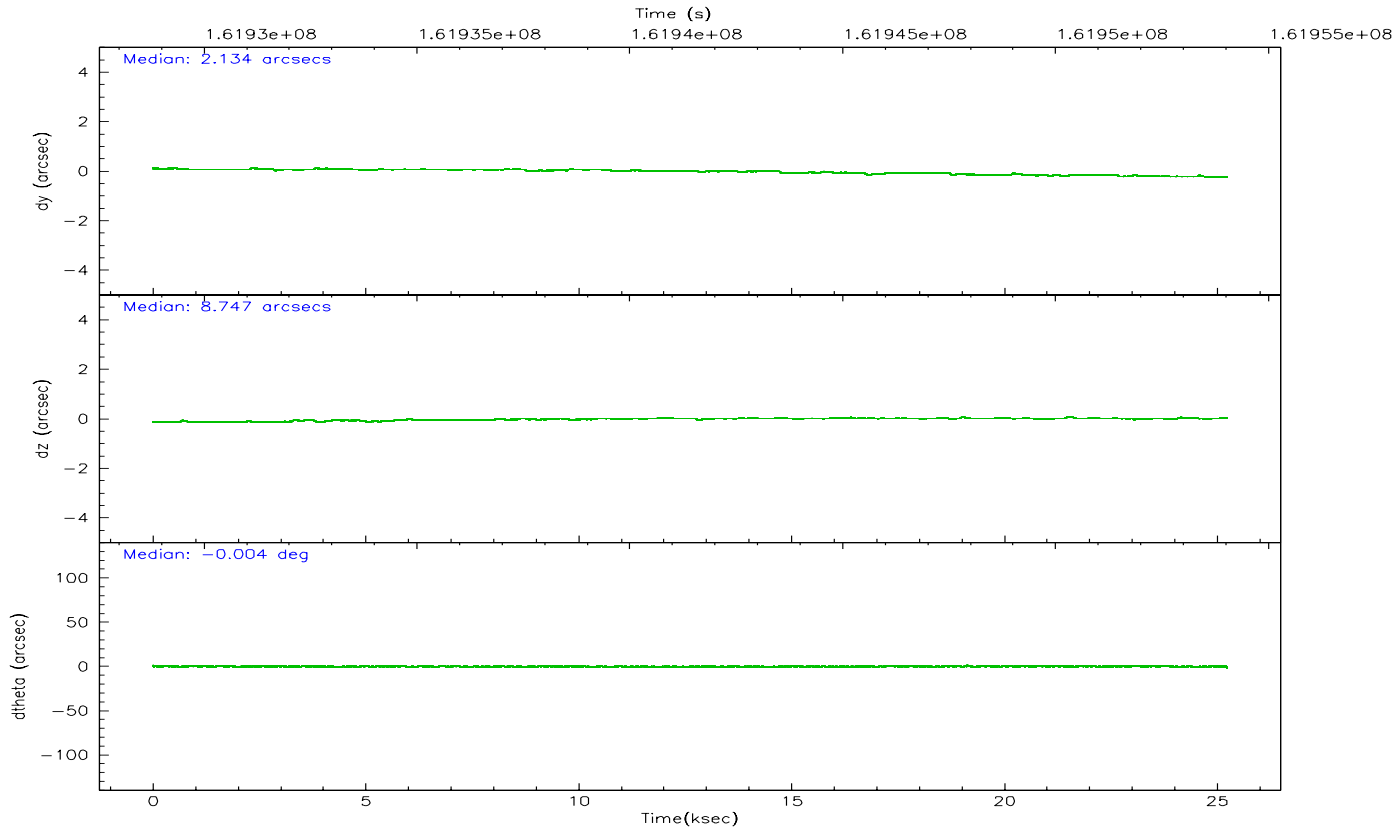
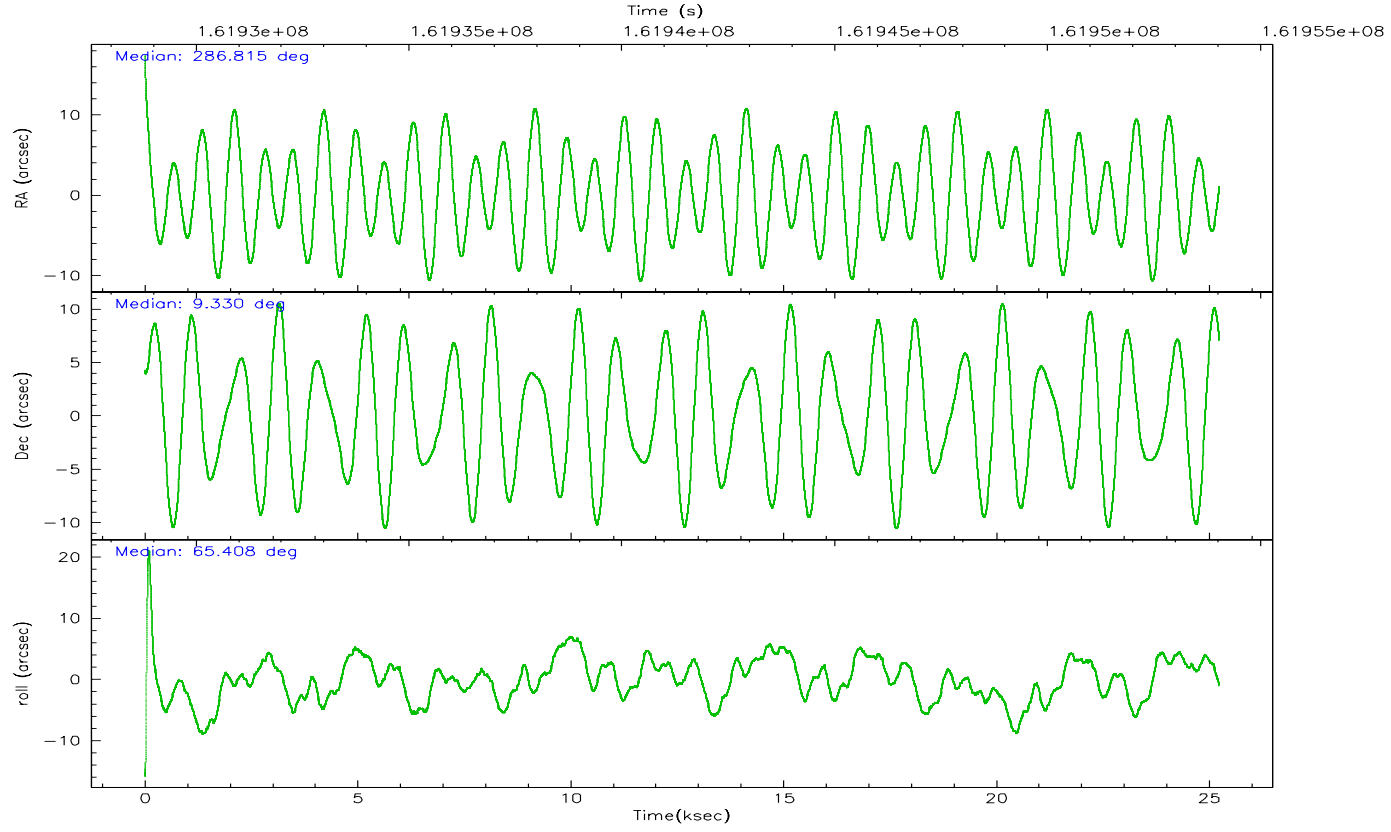
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4833	3672	39528	3232	7030	10652
	14%	10%	24%	9%	6%	16%
grade 1 events	130	100	150	127	156	219
	0%	0%	0%	0%	0%	0%
grade 2 events	11132	10429	38274	10735	25577	17092
	32%	30%	23%	31%	22%	26%
grade 3 events	3568	4130	2517	3647	4757	7032
	10%	12%	1%	10%	4%	10%
grade 4 events	3646	3559	2334	3505	4689	6774
	10%	10%	1%	10%	4%	10%
grade 5 events	5503	5954	12262	6352	15187	8994
	16%	17%	7%	18%	13%	13%
grade 6 events	5343	5801	65732	6710	55073	14763
	15%	17%	40%	19%	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	286.818129	286.8151486548143	Alternating exposures requested	N	N
Pointing Dec	9.303130	9.330210300186593	Primary exposure time	0.000000	0
Pointing Roll	65.260150	65.41723742426602			
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	161929032.184000	161928028.44168			
Observation start date	2003-02-18T04:16:08	2003-02-18T04:00:28			
Observation end time	161954032.184000	161954467.8053			
Observation end date	2003-02-18T11:12:48	2003-02-18T11:21:07			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



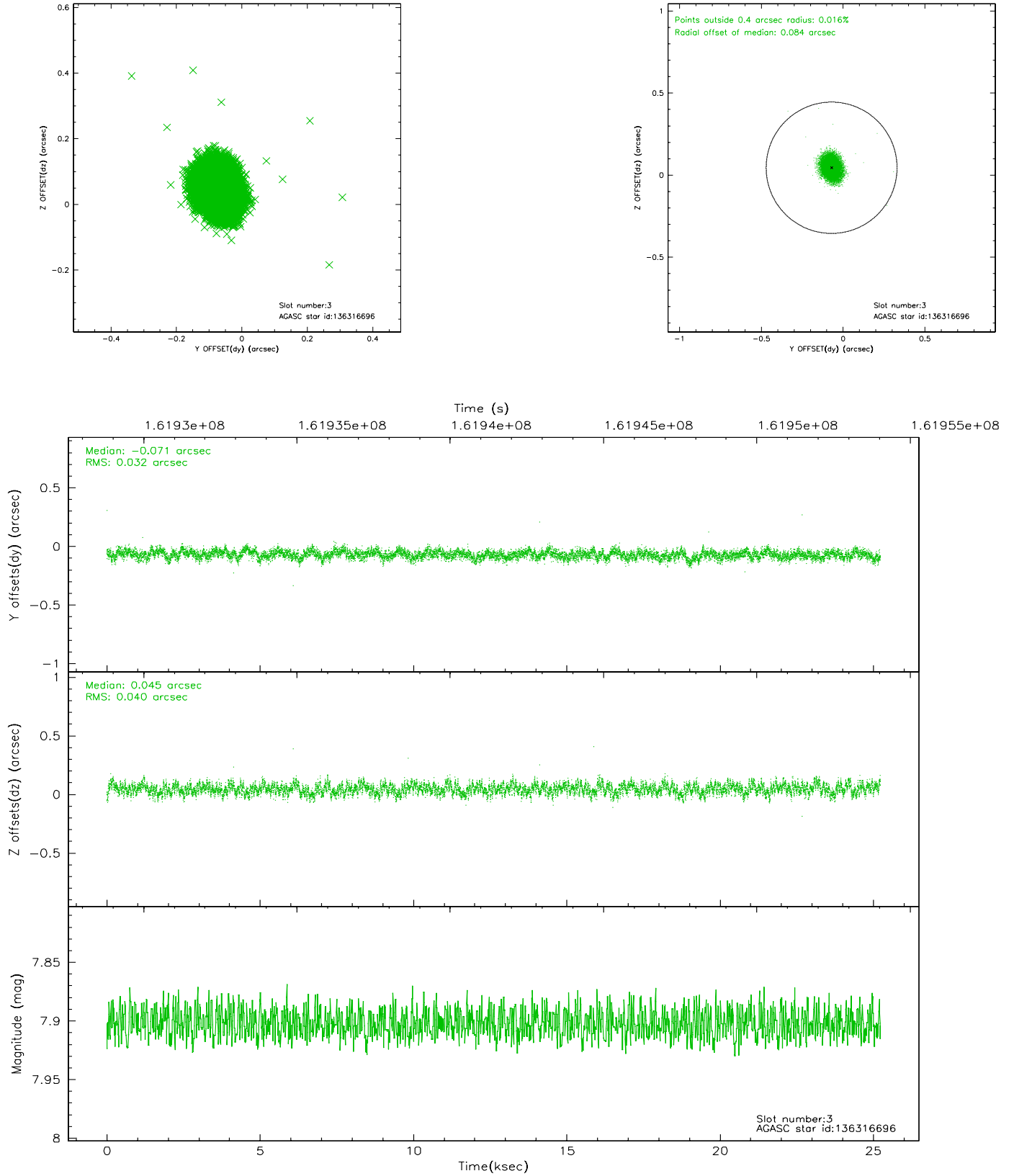


Slot Statistics

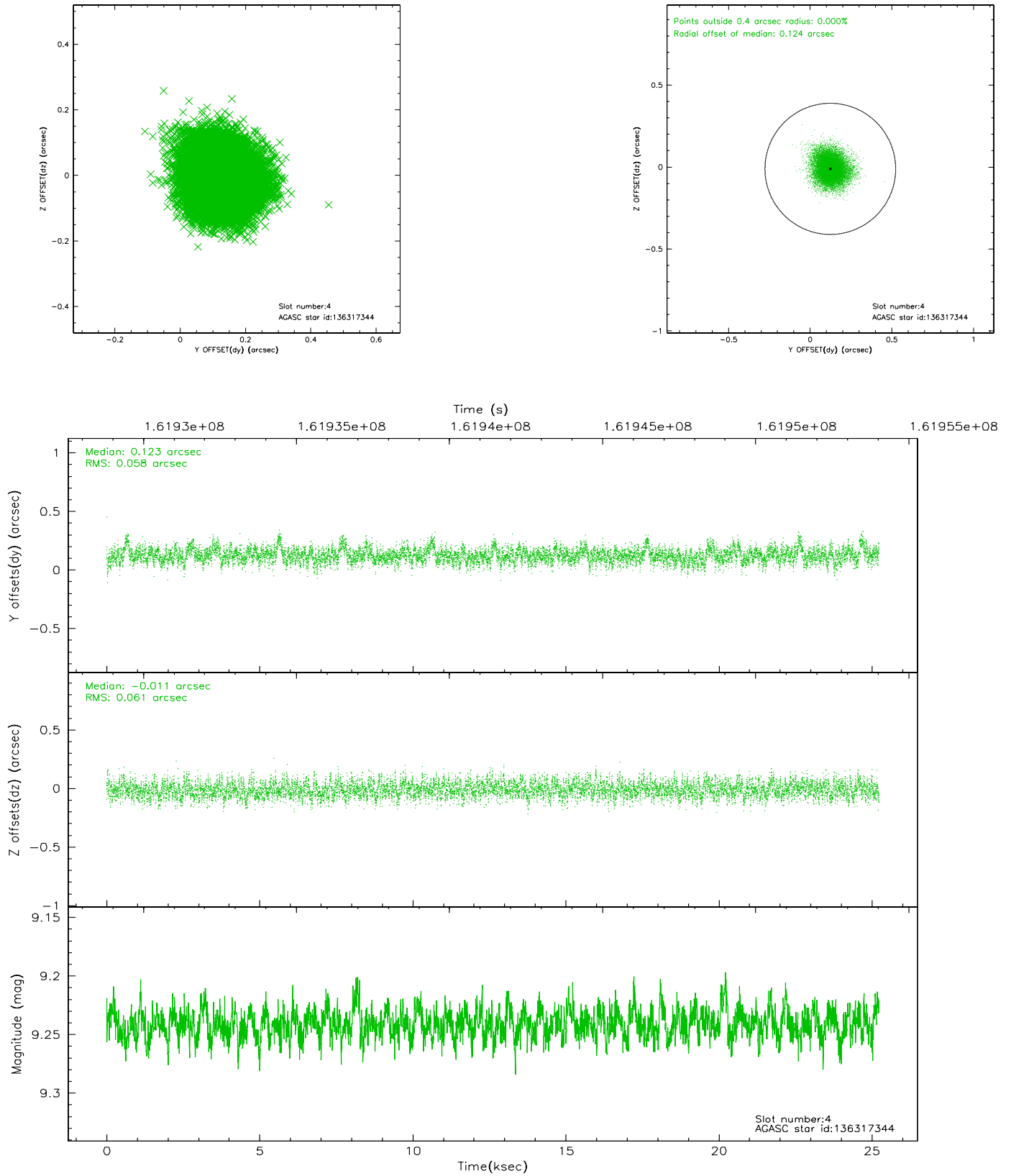
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6154	-0.025	0.002	0.007	0.011	0.000000	0.000000	-754.75	-1729.89
1	FID	ACIS-S-4	7.20	6154	-0.037	0.012	0.005	0.010	0.000000	0.000000	2158.46	178.49
2	FID	ACIS-S-5	7.23	6153	0.032	-0.005	0.007	0.012	0.000000	0.000000	-1807.38	172.27
3	GUIDE	136316696	7.90	12309	-0.071	0.045	0.055	0.087	287.190166	9.367792	765.31	-1102.05
4	GUIDE	136317344	9.24	12301	0.123	-0.011	0.090	0.145	287.032148	8.921467	-928.63	-1266.36
5	GUIDE	136844512	7.37	12308	-0.179	-0.237	0.061	0.095	286.436543	9.770401	961.38	1933.82
6	GUIDE	136317768	9.47	12273	0.234	0.221	0.096	0.162	286.604147	8.690245	-2321.91	-231.59
7	GUIDE	136845056	9.48	12277	-0.109	-0.026	0.119	0.211	286.321553	9.661191	433.79	2140.71

2.4 Star Slots

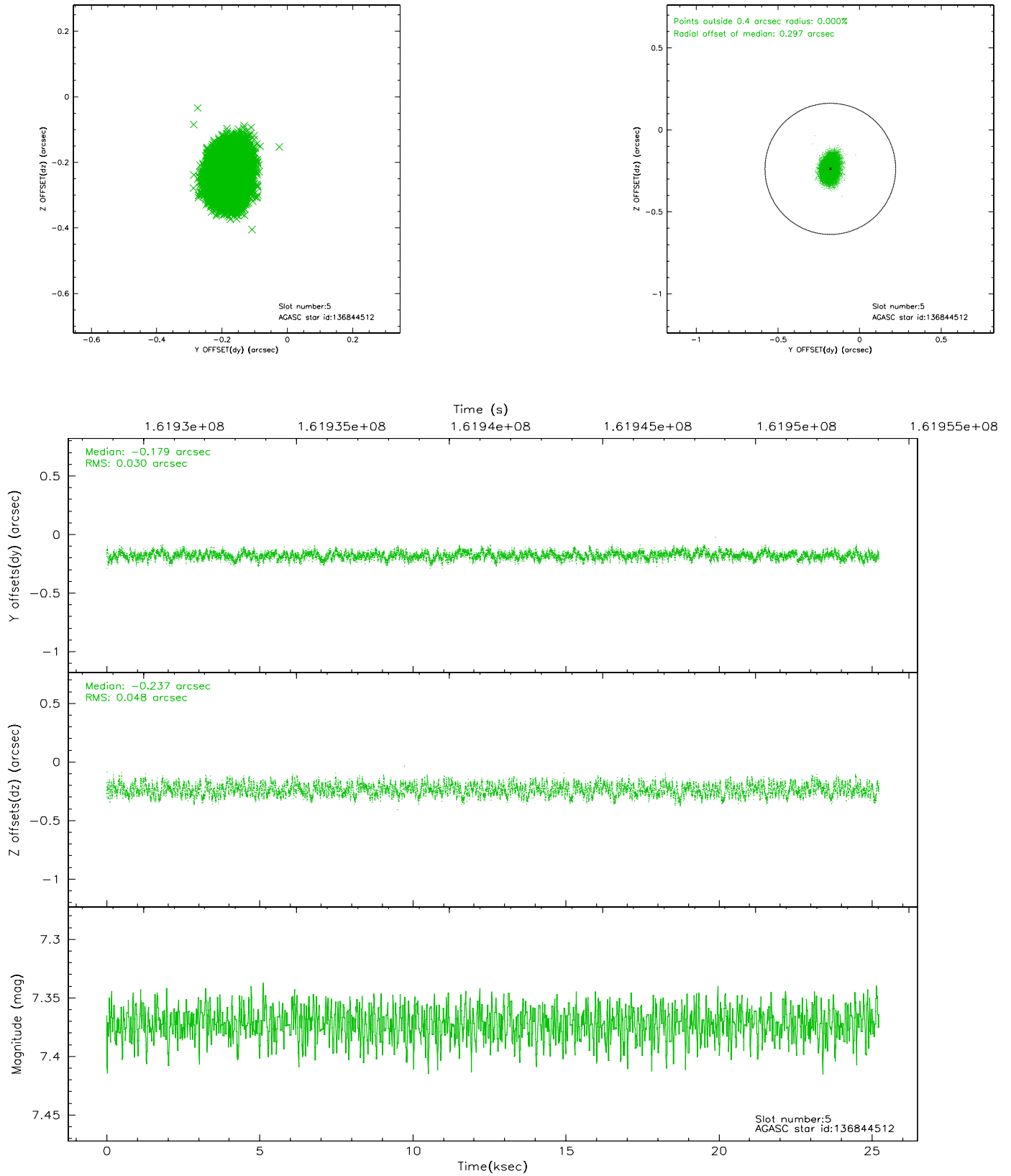
2.4.1 Slot 3



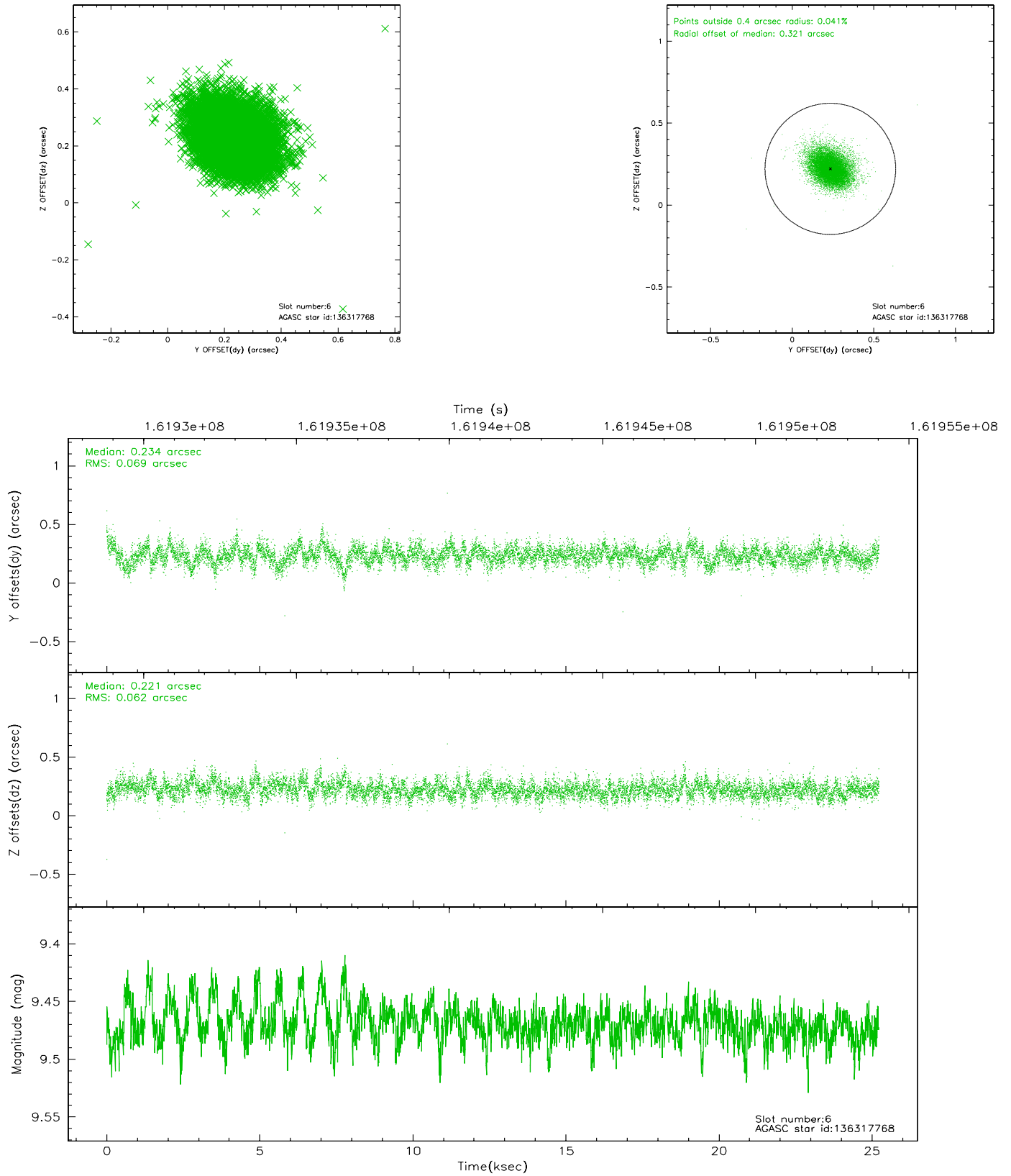
2.4.2 Slot 4



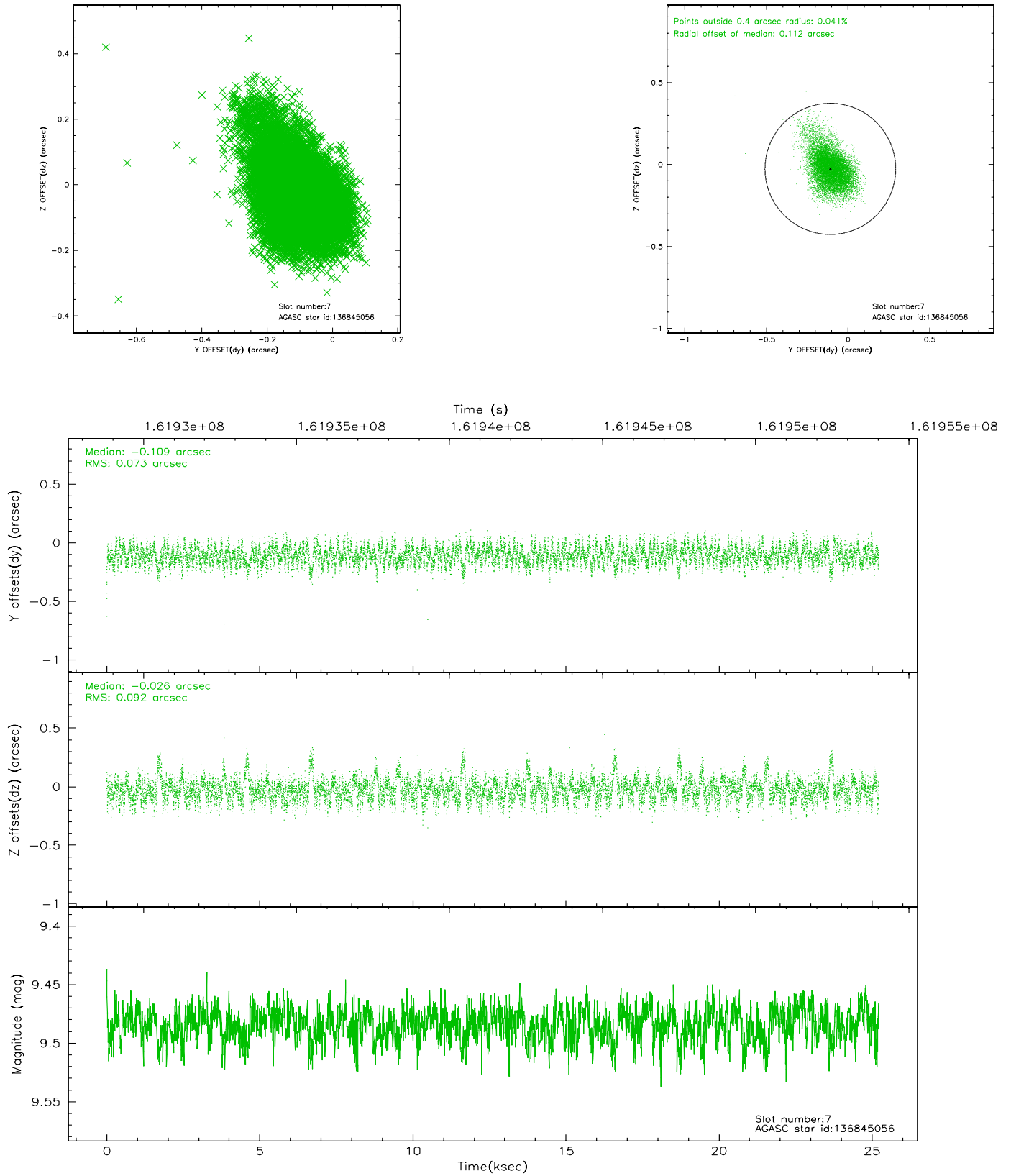
2.4.3 Slot 5



2.4.4 Slot 6

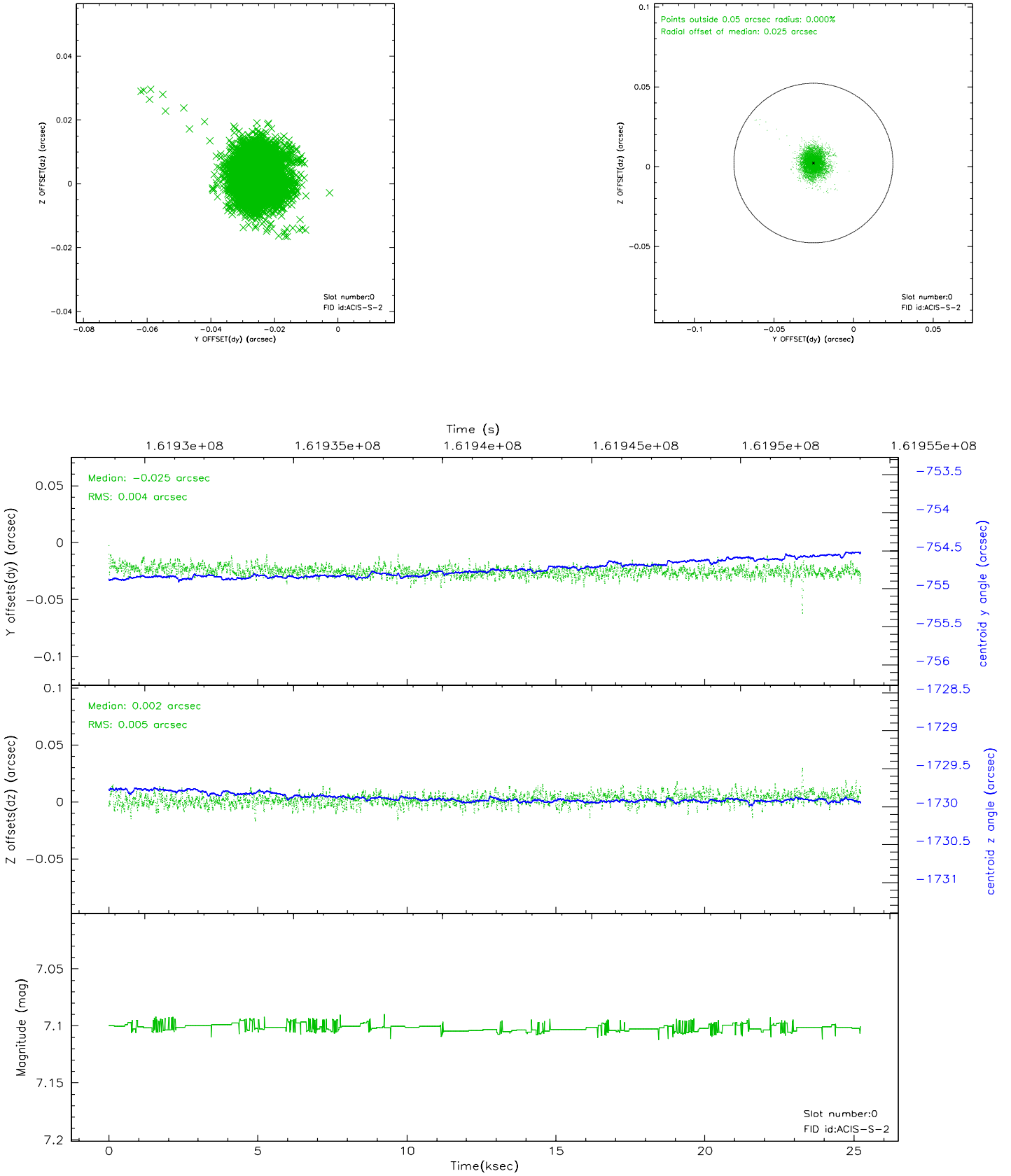


2.4.5 Slot 7

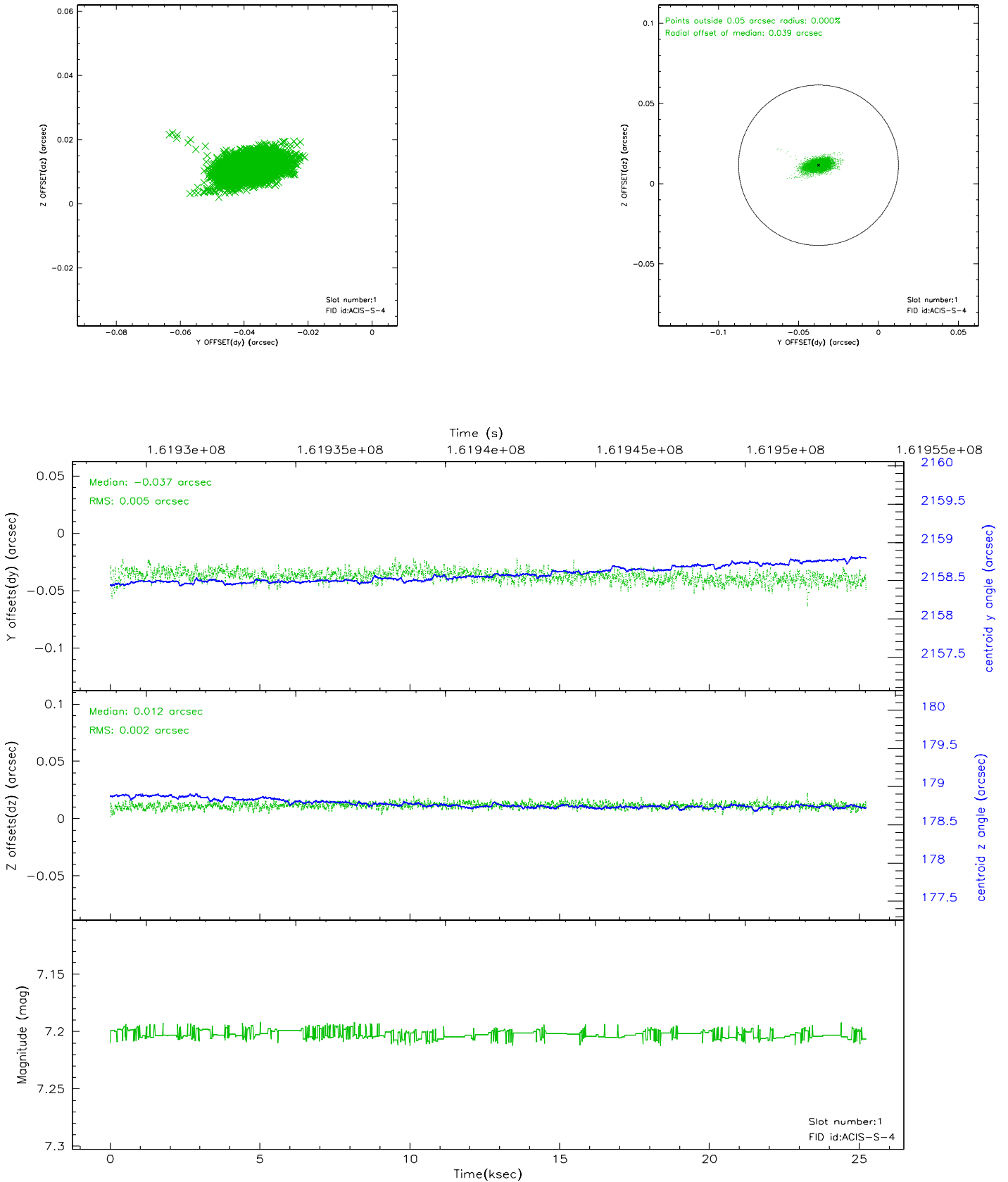


2.5 FID Slots

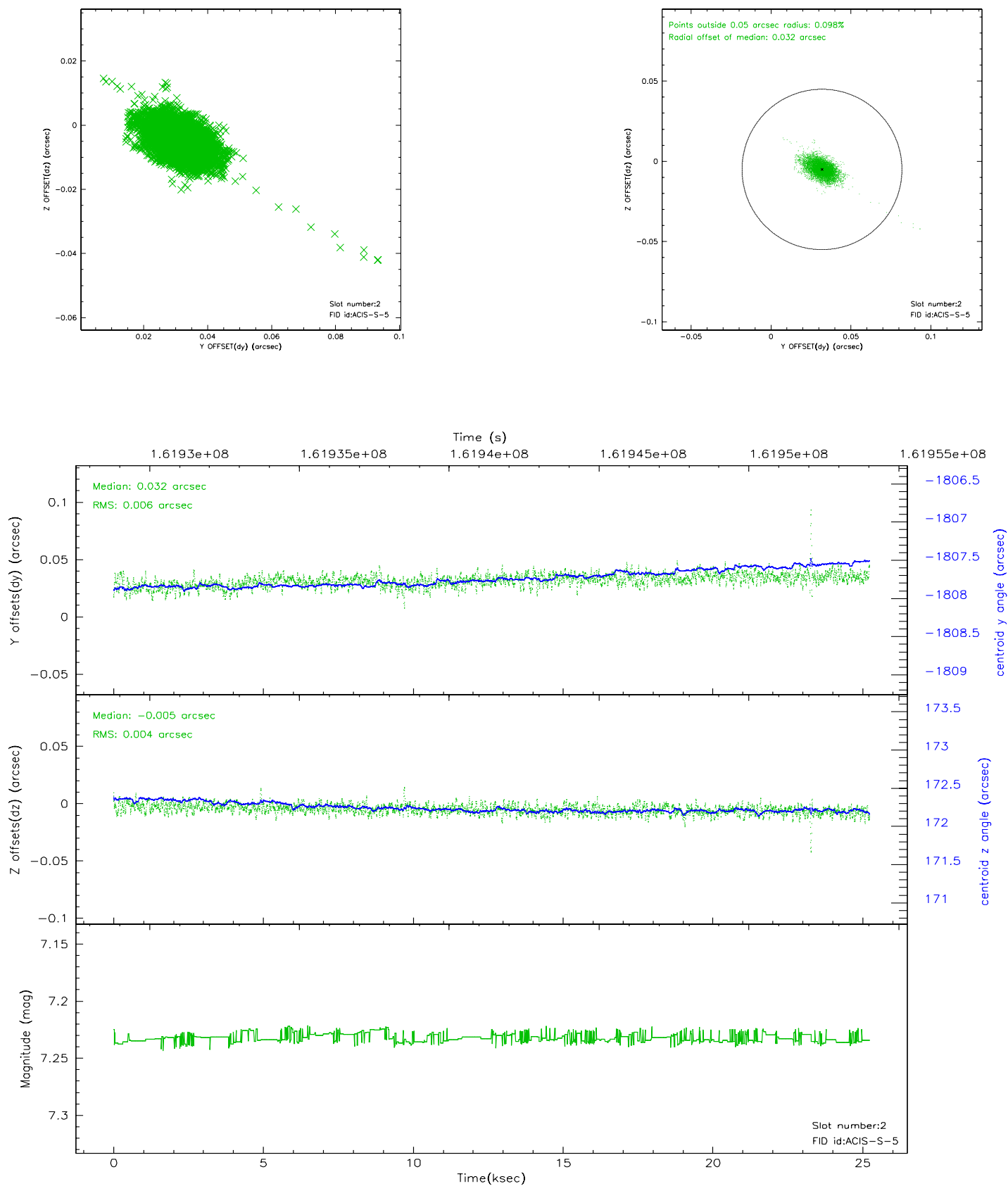
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.232

A.2 Comments