

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 6207 - L2 Version 003
Chandra X-Ray Center

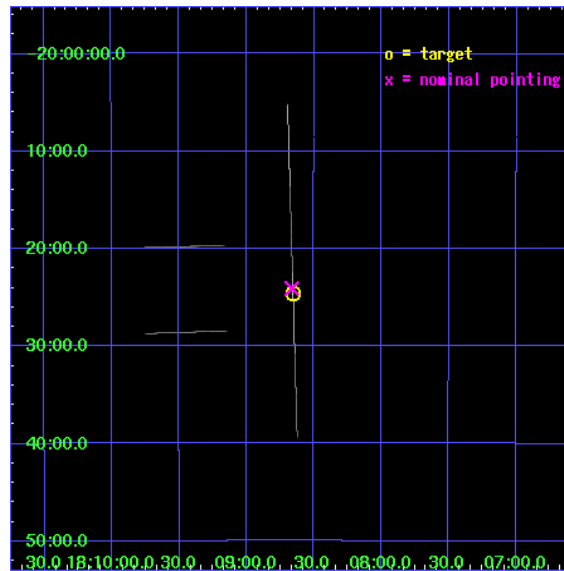
L2 Processing Date : Sep 25 2006

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1 Front

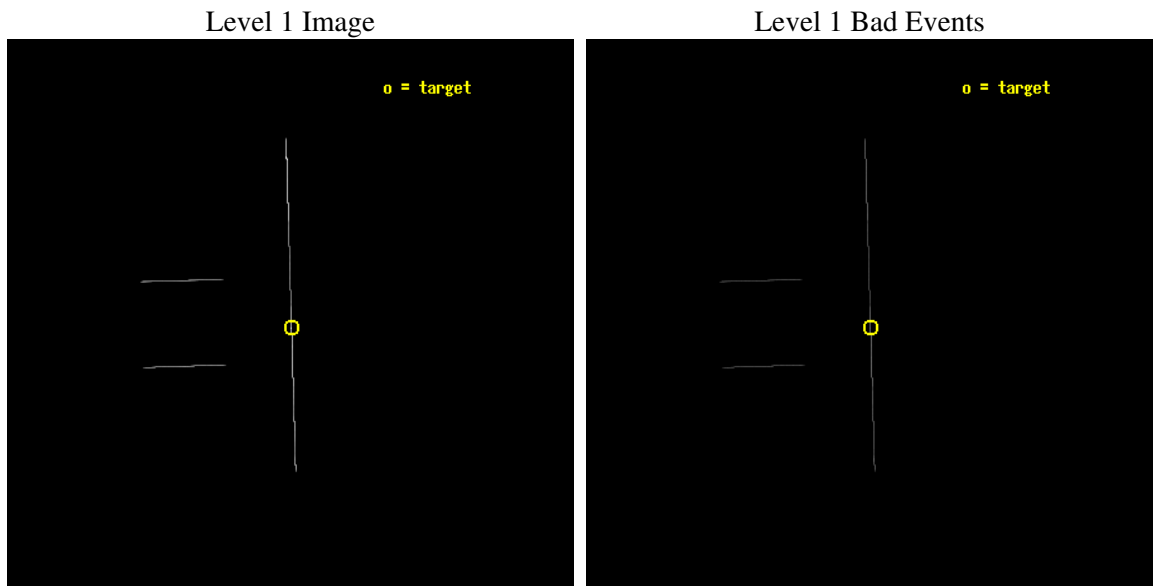
seq_num	500597
obs_id	6207
title	Searching for atomic and/or cyclotron features in the Giant Flares decay of SGR 1806-20
observer	Dr. Nanda Rea
object	SGR 1806-20
ra_targ	272.16375
dec_targ	-20.411028
ra_nom	272.16584714685
dec_nom	-20.401573517976
roll_nom	88.289340262156
revision	3
ontime	29100.5
livetime	28986.826171875
ontime2	29100.5
ontime3	29100.5
ontime5	29100.5
ontime6	29100.5
ontime7	29100.5
ontime8	29100.5
l2events	439730



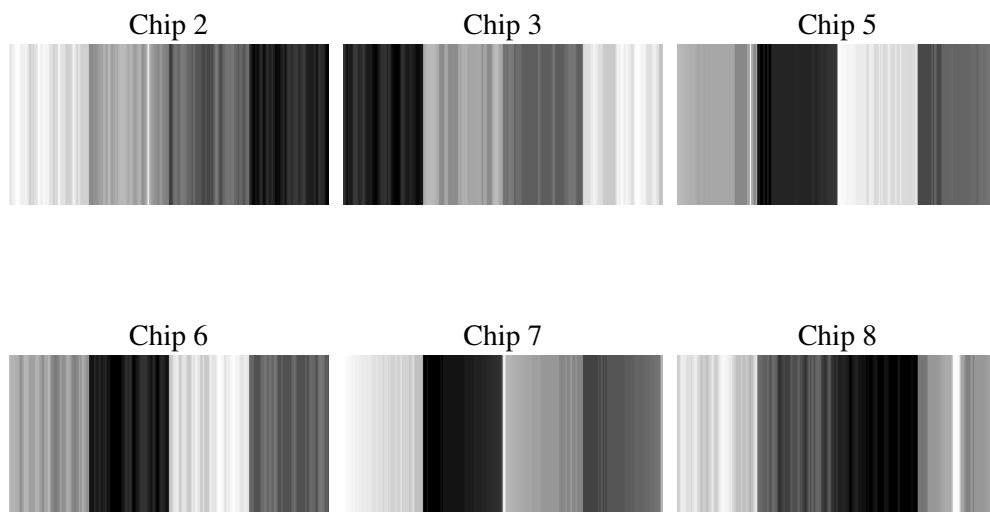
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-25T14:59:24
revision	3

sched_exp_time	29000.000000
ontime	29103.399701864
ontime2	29103.370868772
ontime3	29104.871308744
ontime5	29103.399574578
ontime6	29103.399641365
ontime7	29103.399701864
ontime8	29104.859220803
l1events	632171

2.1.4 Events

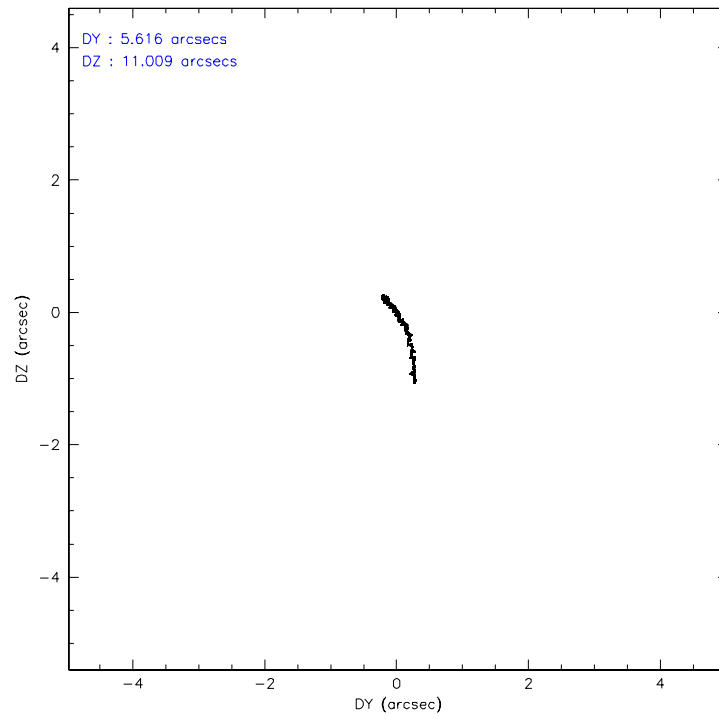
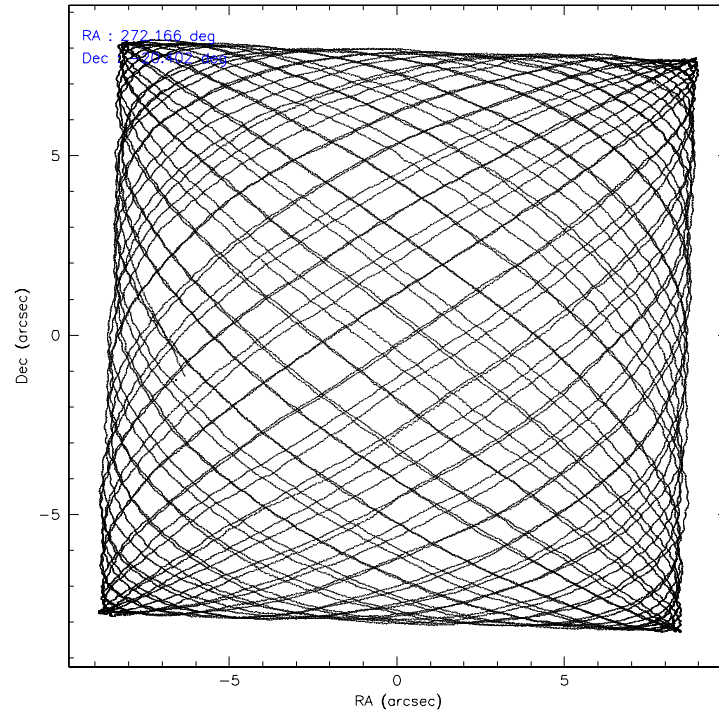
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	42621	46385	221364	48109	180507	93185
rejected events	7879	8453	16743	9171	21092	13497
rejected %	18%	18%	7%	19%	11%	14%

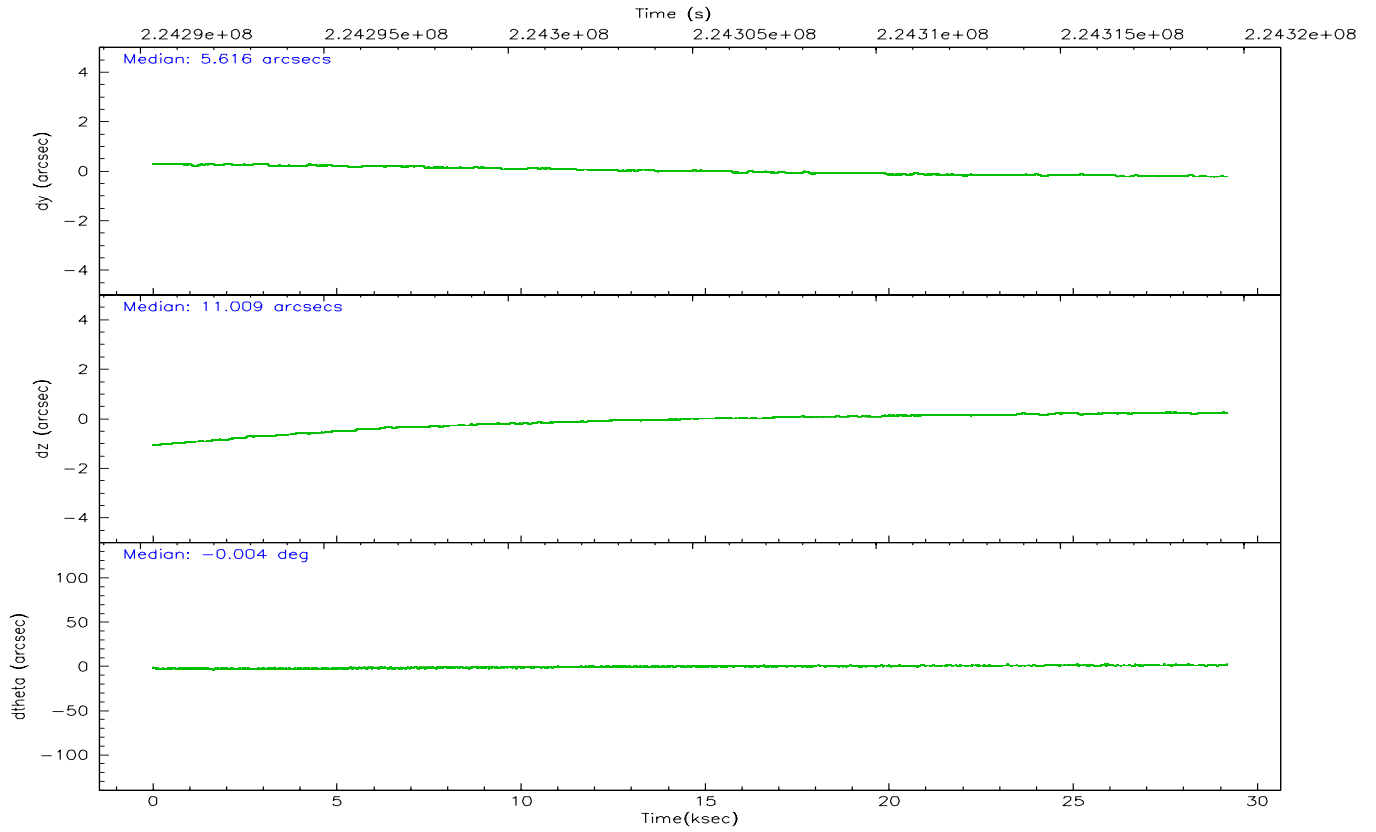
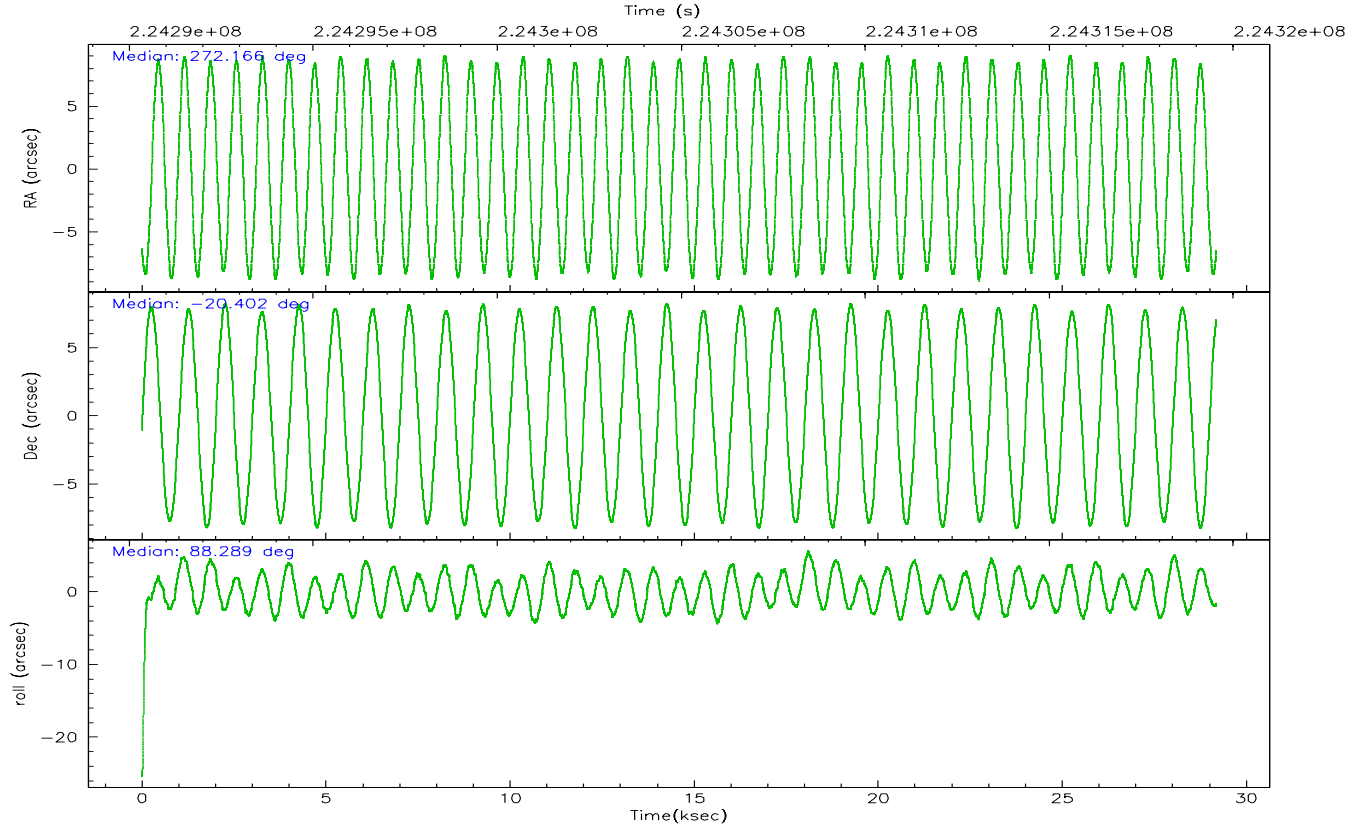
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5040	5239	45333	4587	12707	15912
	11%	11%	20%	9%	7%	17%
grade 1 events	168	178	216	158	259	372
	0%	0%	0%	0%	0%	0%
grade 2 events	14279	15311	55967	16614	42859	26100
	33%	33%	25%	34%	23%	28%
grade 3 events	4048	4973	3408	4334	7793	8937
	9%	10%	1%	9%	4%	9%
grade 4 events	4150	4314	3303	4255	7614	8259
	9%	9%	1%	8%	4%	8%
grade 5 events	7708	8271	16503	9012	20807	13118
	18%	17%	7%	18%	11%	14%
grade 6 events	7228	8099	96634	9149	88468	20487
	16%	17%	43%	19%	49%	21%
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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	272.179974	272.1658471468469	Subarray requested	NONE	NONE
Pointing Dec	-20.425365	-20.40157351797639	Alternating exposures requested	N	N
Pointing Roll	88.137646	88.28934026215632	Primary exposure time	0.000000	0
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	224290536.184000	224290054.62641			
Observation start date	2005-02-08T22:54:32	2005-02-08T22:47:34			
Observation end time	224319536.184000	224319669.95275			
Observation end date	2005-02-09T06:57:52	2005-02-09T07:01:09			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



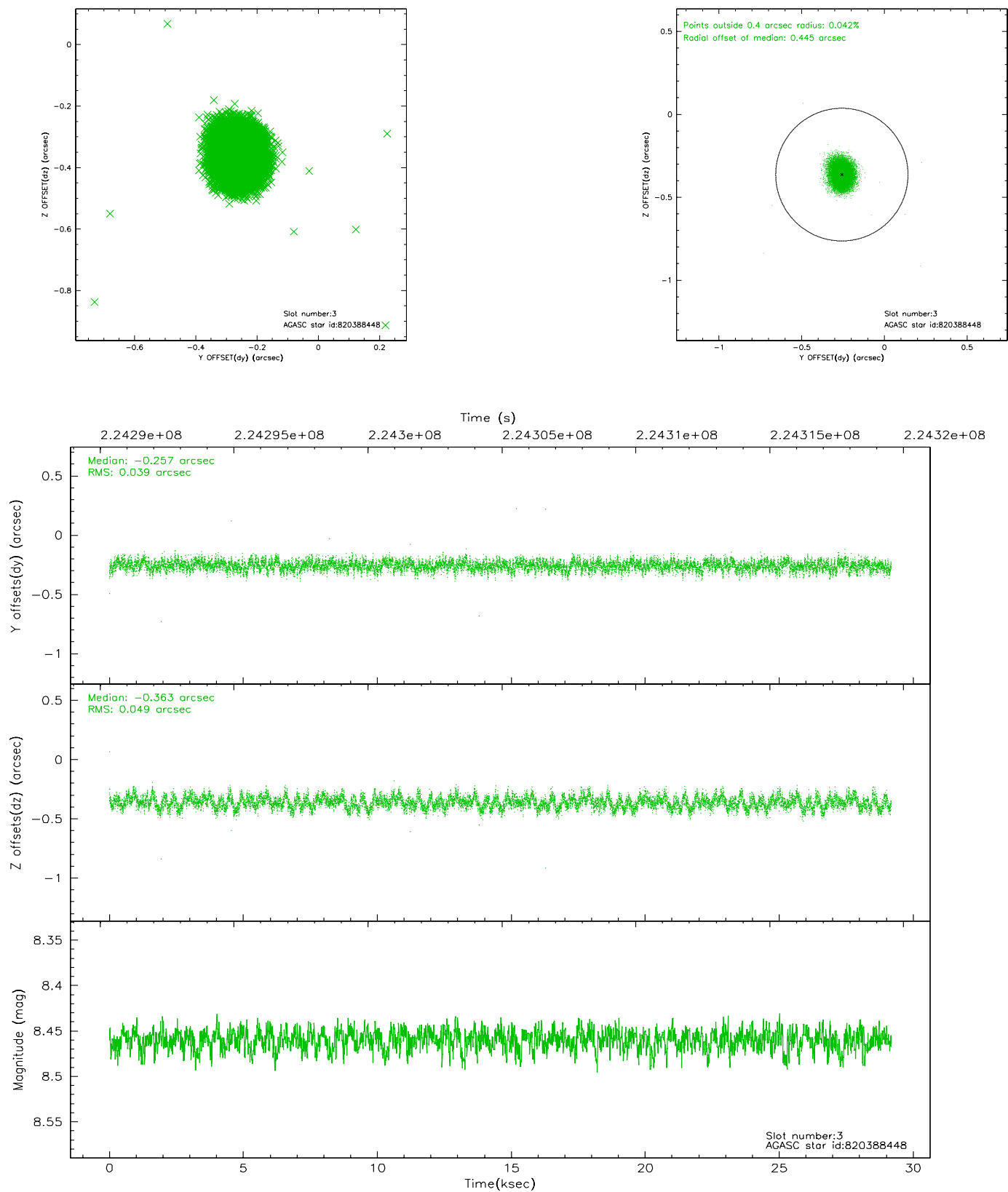


Slot Statistics

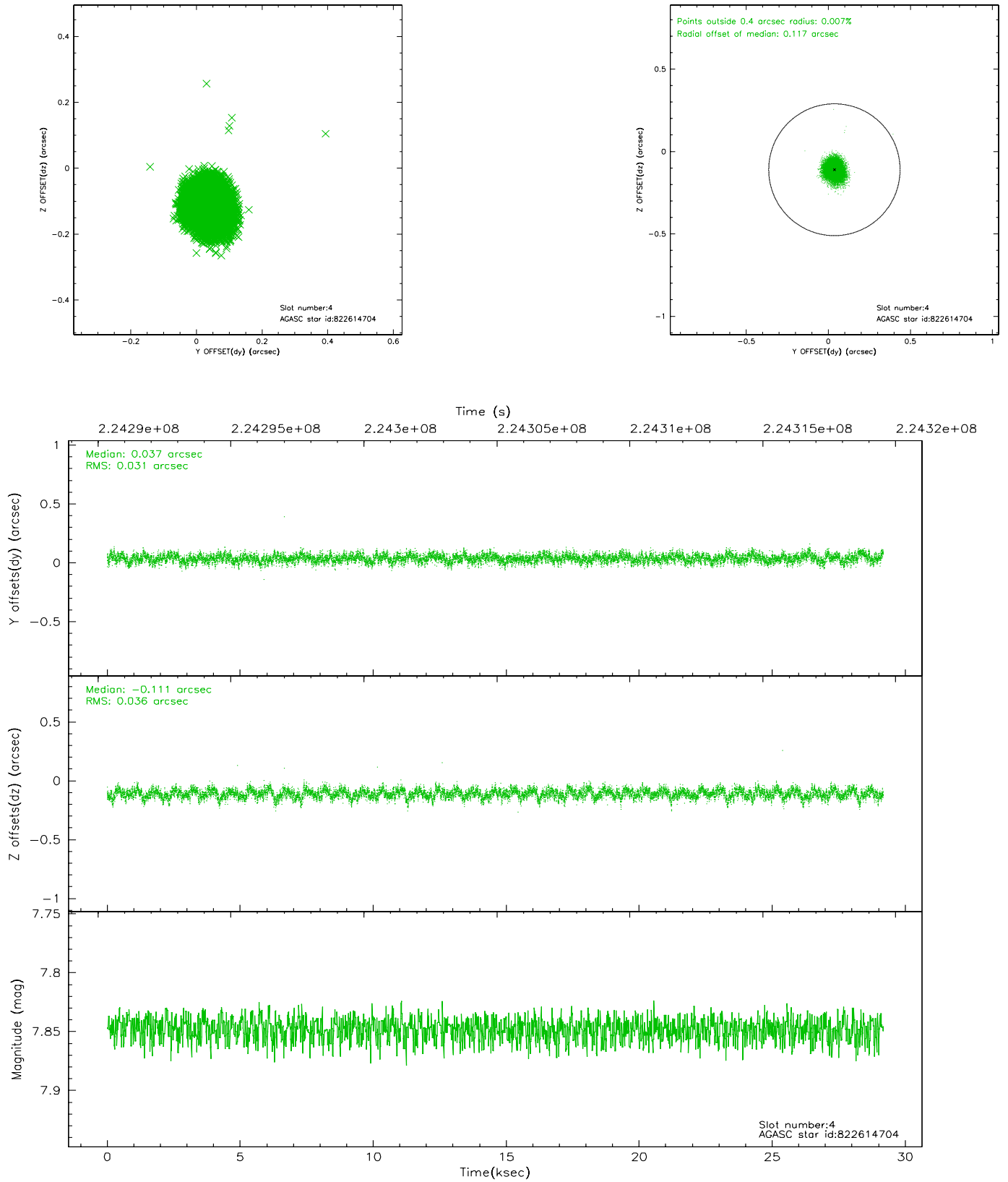
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	7118	0.003	-0.032	0.010	0.031	0.000000	0.000000	937.66	-1727.83
1	FID	ACIS-S-5	7.23	7118	-0.048	-0.004	0.006	0.010	0.000000	0.000000	-1811.31	169.72
2	FID	ACIS-S-6	7.35	7118	0.023	0.046	0.010	0.028	0.000000	0.000000	403.20	813.78
3	GUIDE	820388448	8.46	14229	-0.257	-0.363	0.066	0.106	271.630569	-19.882892	1888.22	1922.14
4	GUIDE	822614704	7.85	14235	0.037	-0.111	0.050	0.081	272.076243	-20.843493	-1515.66	300.00
5	GUIDE	822617304	8.98	14160	0.081	0.131	0.065	0.105	272.421826	-20.831304	-1434.68	-860.64
6	GUIDE	822098736	8.51	14234	-0.068	0.195	0.061	0.098	272.269355	-19.875225	1989.13	-237.88
7	GUIDE	822616024	8.42	14233	0.206	0.149	0.062	0.100	272.218514	-20.919122	-1772.09	-187.30

2.4 Star Slots

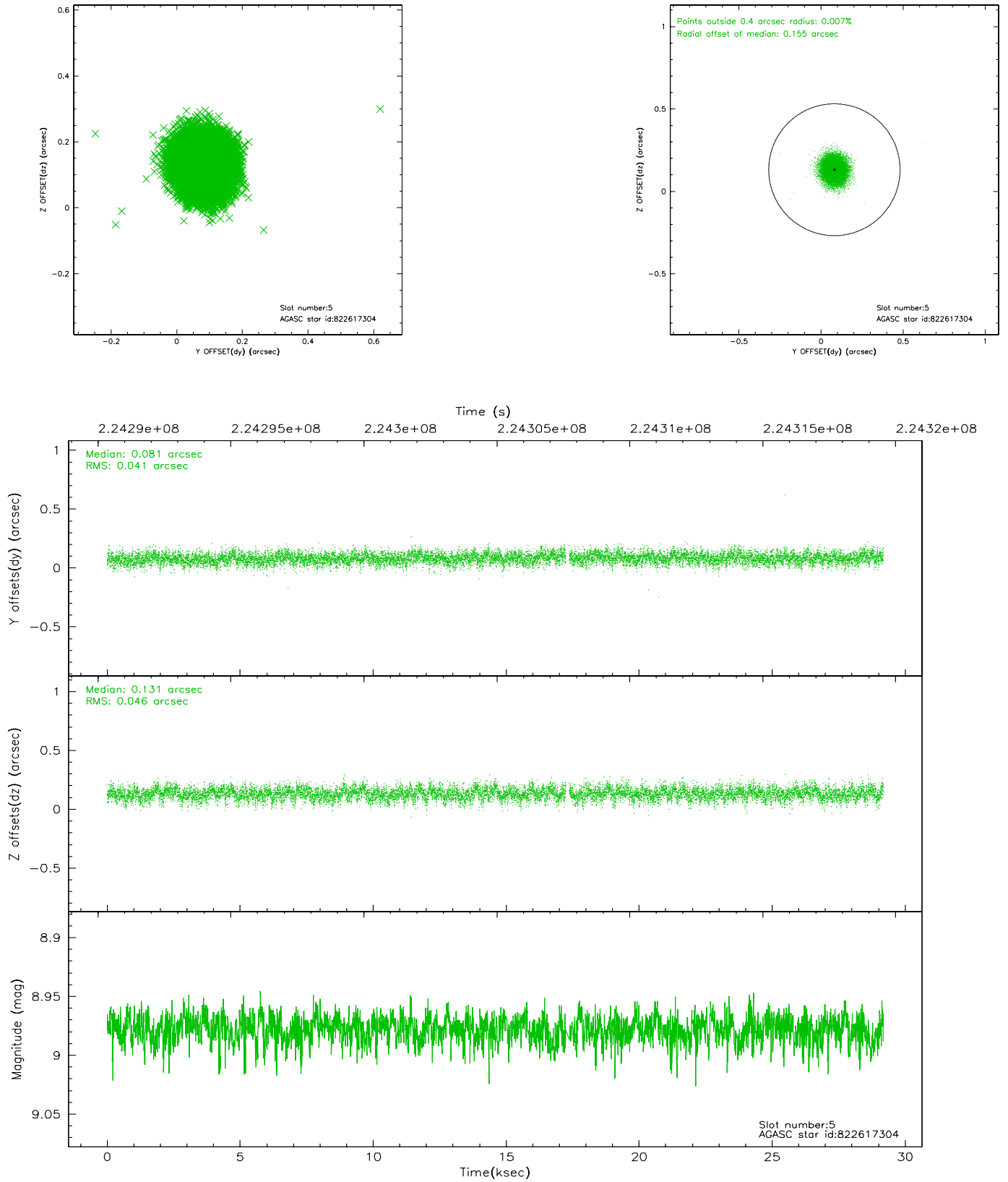
2.4.1 Slot 3



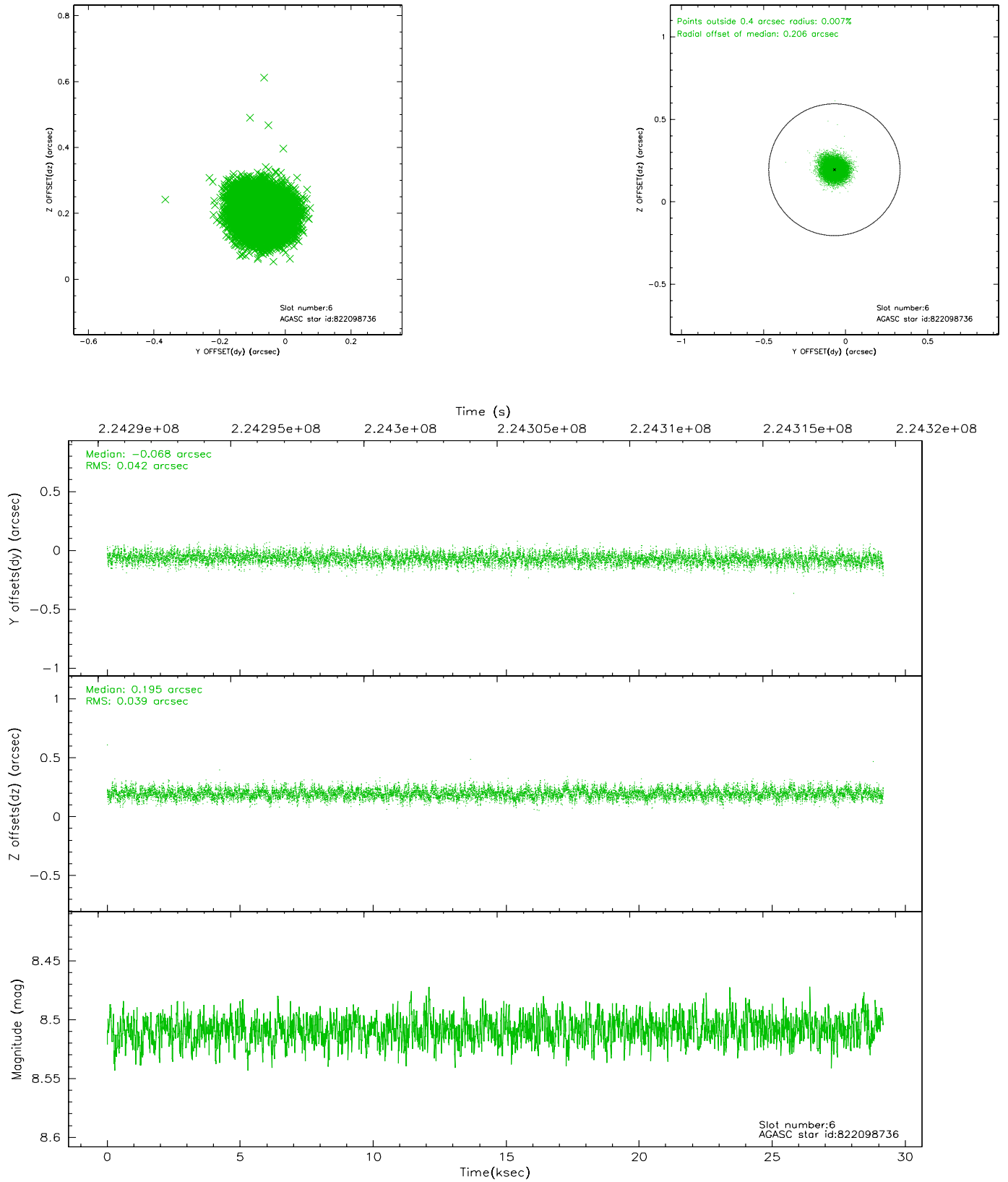
2.4.2 Slot 4



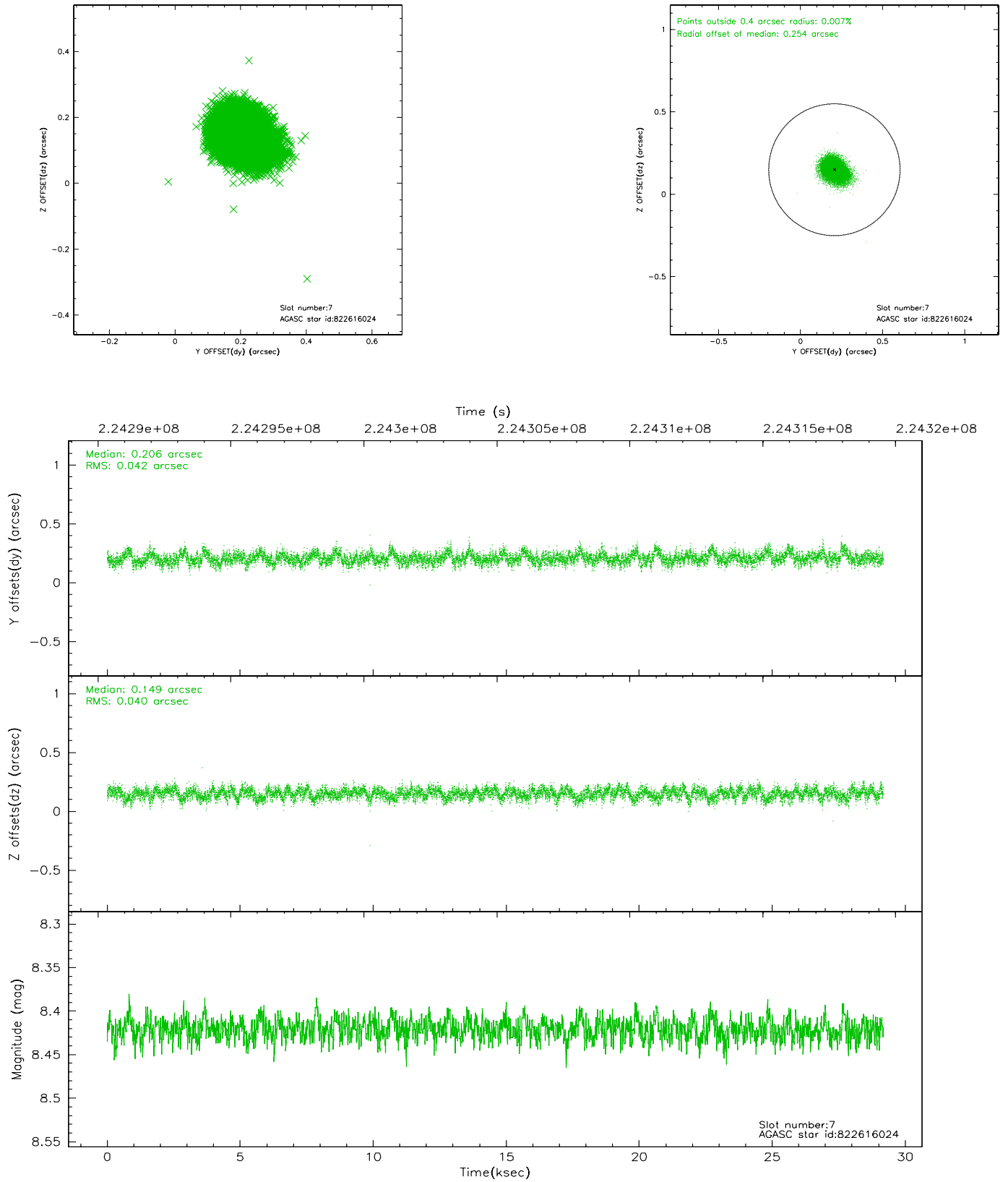
2.4.3 Slot 5



2.4.4 Slot 6

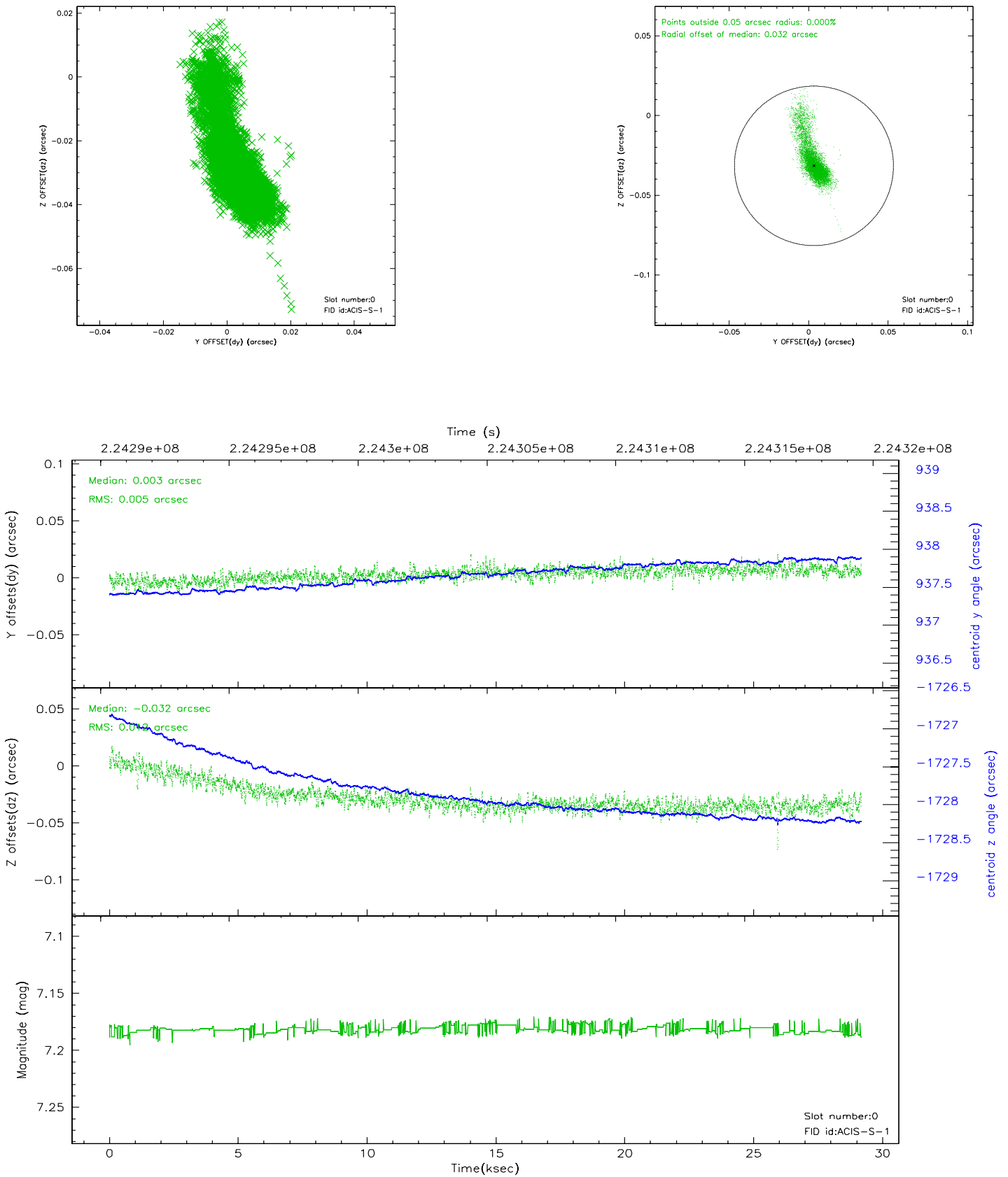


2.4.5 Slot 7

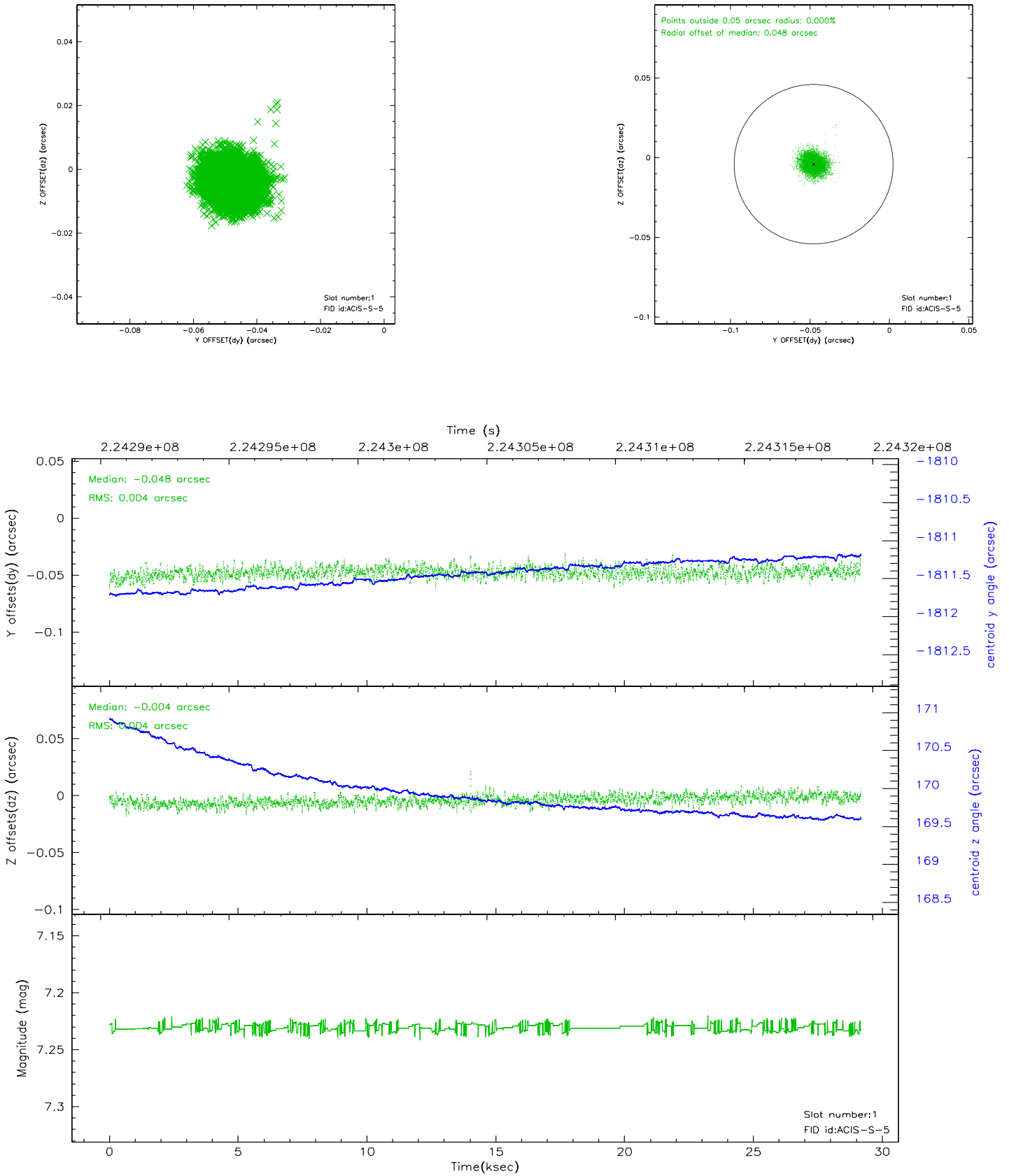


2.5 FID Slots

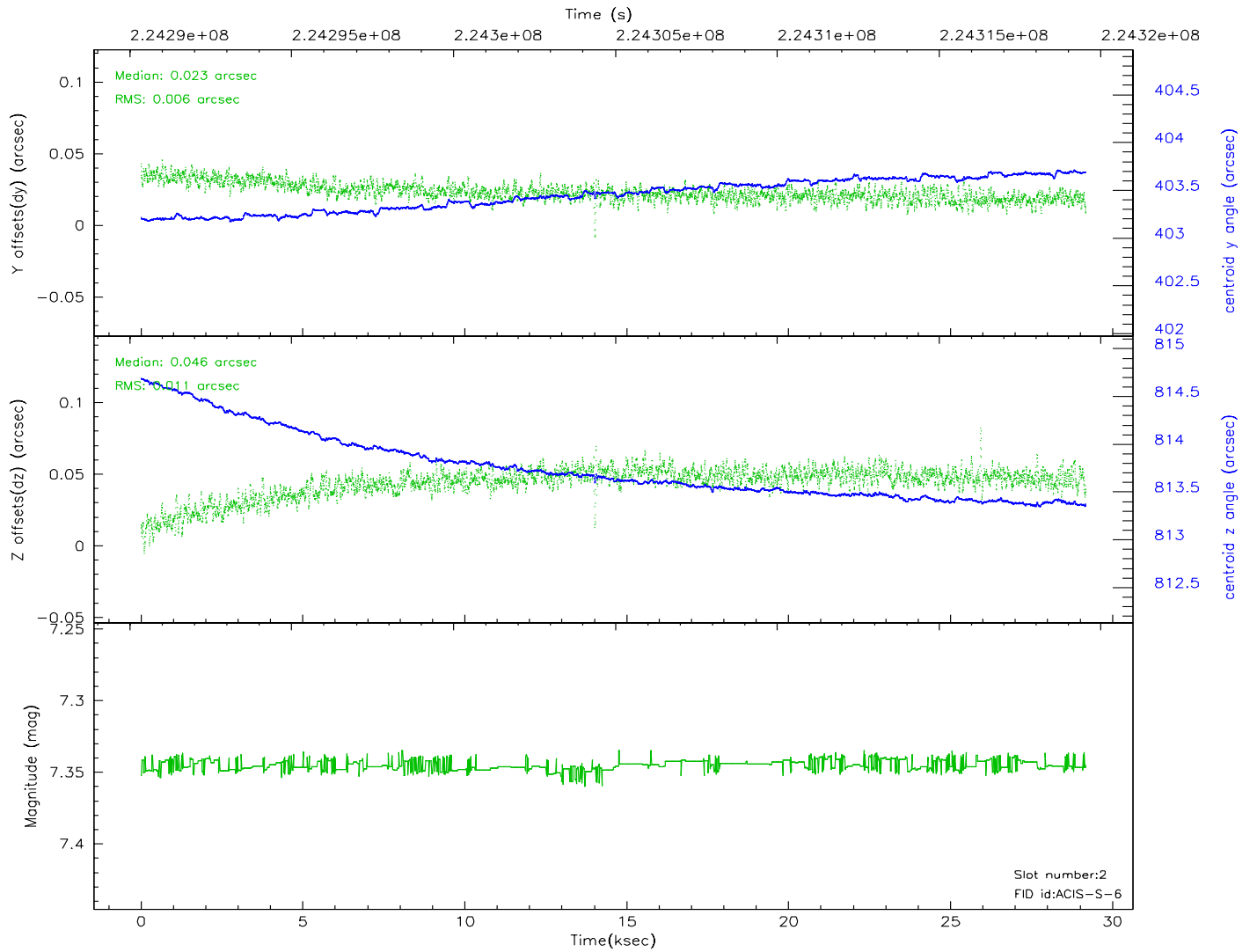
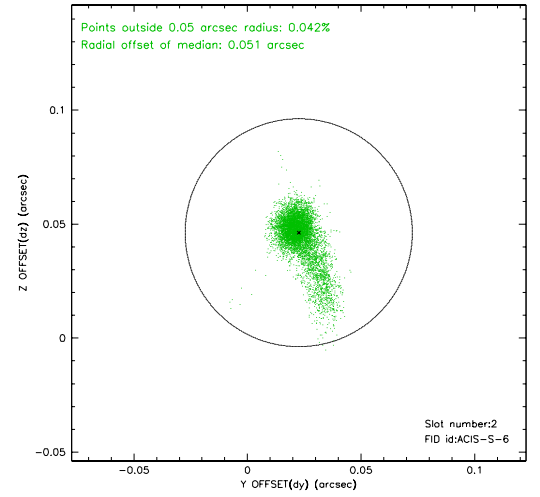
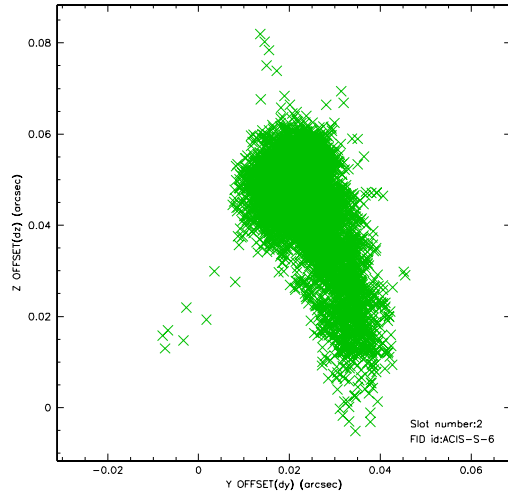
2.5.1 Slot 0



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)	2006.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.1005

A.2 Comments