

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1875 - L2 Version 001
Chandra X-Ray Center

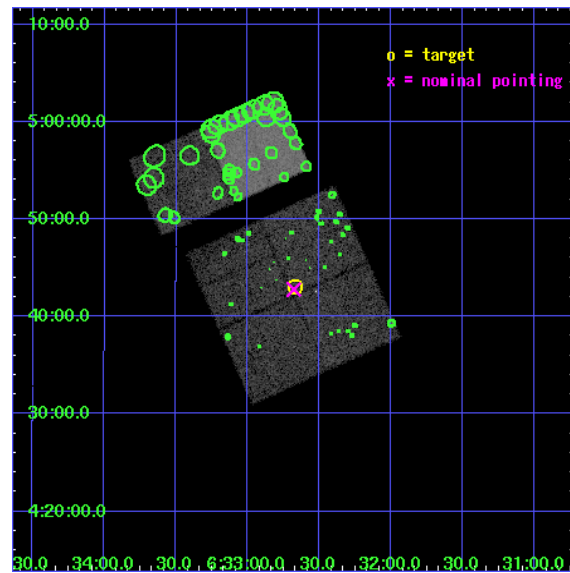
L2 Processing Date : Nov 2 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

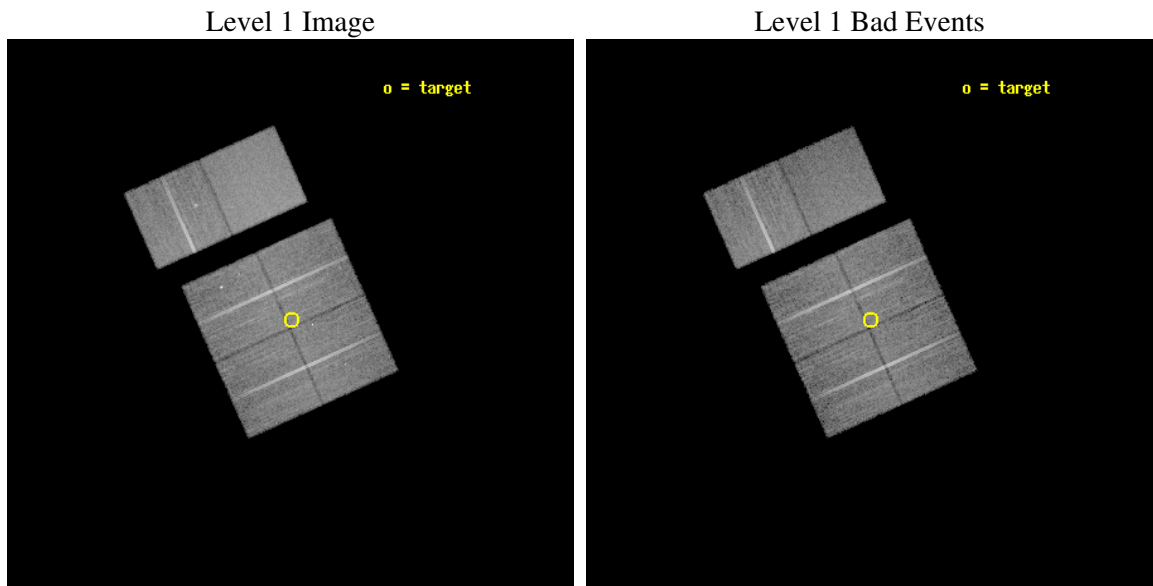
seq_num	200103
obs_id	1875
title	STAR FORMATION IN THE ROSETTE MOLECULAR CLOUD
observer	Dr. Leisa Townsley
object	ROSETTE FIELD 2
dtcycle	0
cycle	P
ra_targ	98.166667
dec_targ	4.716667
ra_nom	98.169922099855
dec_nom	4.713132288733
roll_nom	335.89652758625
revision	2
ontime	19753.600018397
livetime	19503.468040774
ontime0	19753.600018397
ontime1	19753.600018397
ontime2	19753.600018397
ontime3	19753.600018397
ontime6	19753.600018397
ontime7	19753.600018397
l2events	118424



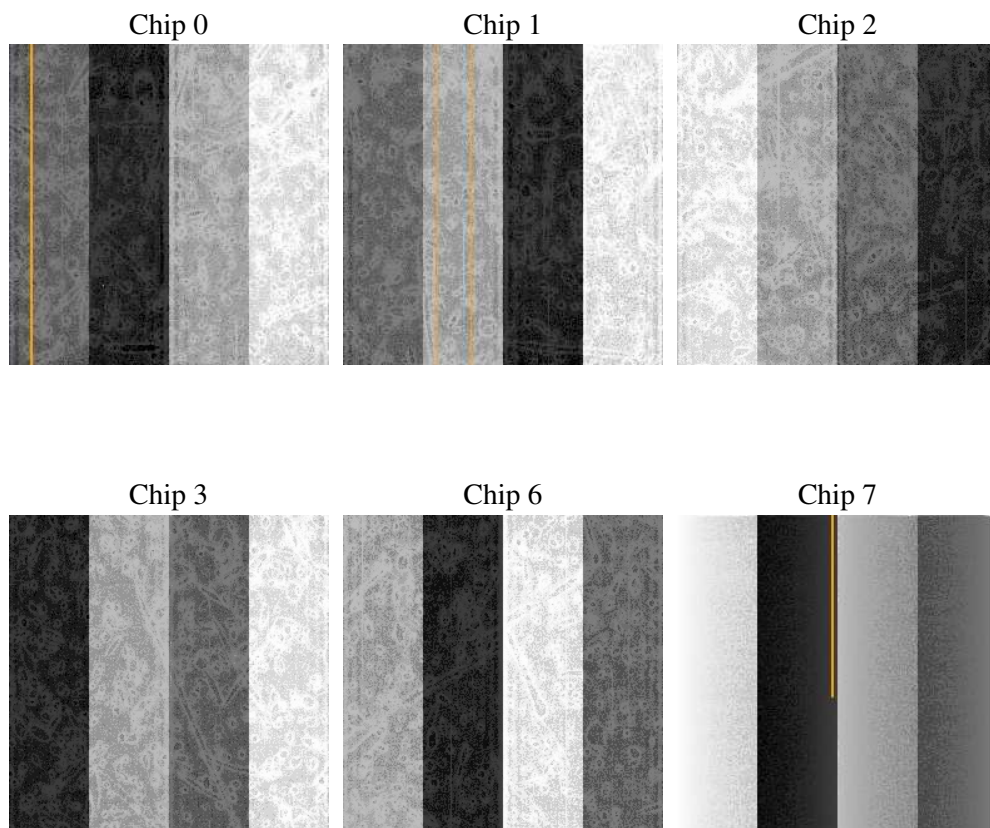
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-02T12:45:23
revision	2

sched_exp_time	20000.000000
ontime	19760.40384753
ontime0	19760.40384753
ontime1	19760.40384753
ontime2	19760.40384753
ontime3	19760.40384753
ontime6	19760.403867453
ontime7	19760.40384753
l1events	729699

2.1.4 Events

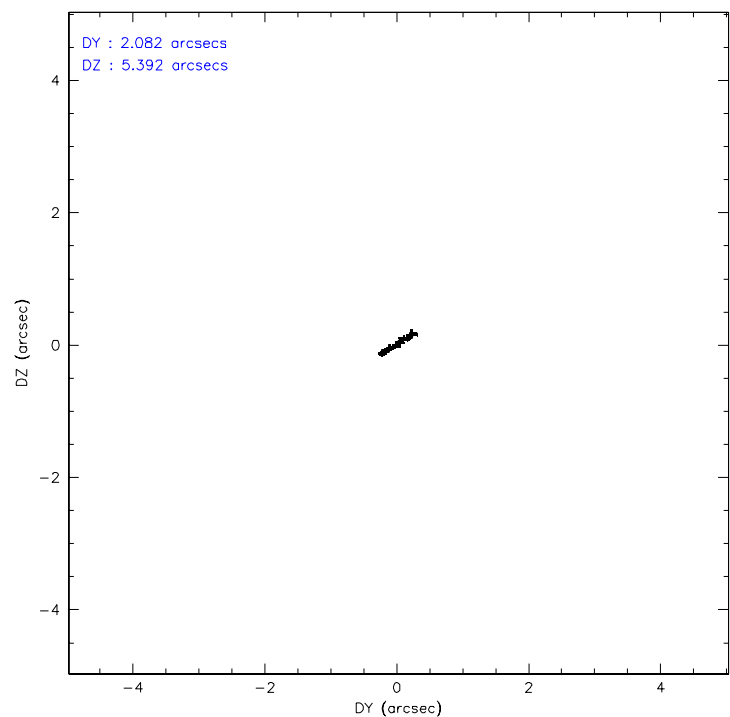
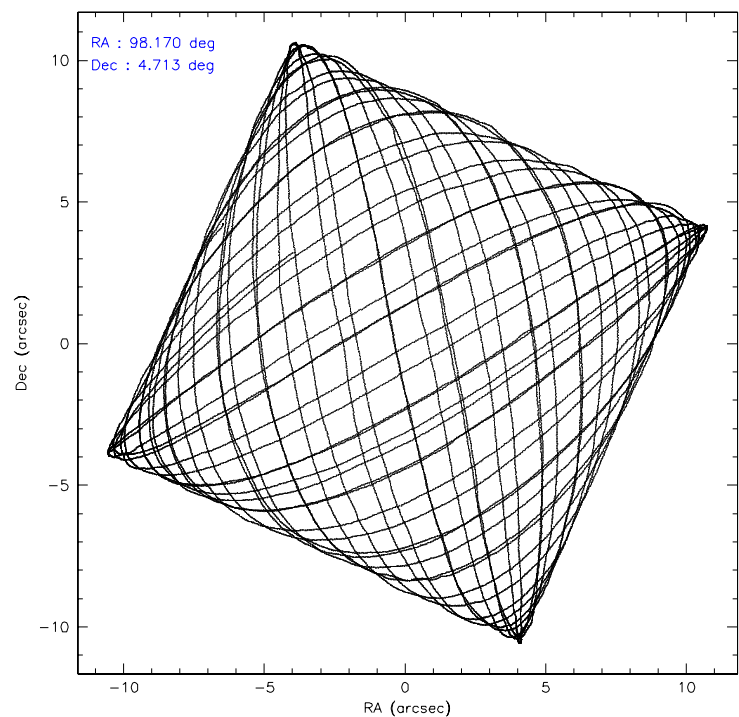
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	107164	110302	118231	117343	126853	149806
rejected events	93534	94924	103616	103157	112384	91838
rejected %	87%	86%	87%	87%	88%	61%

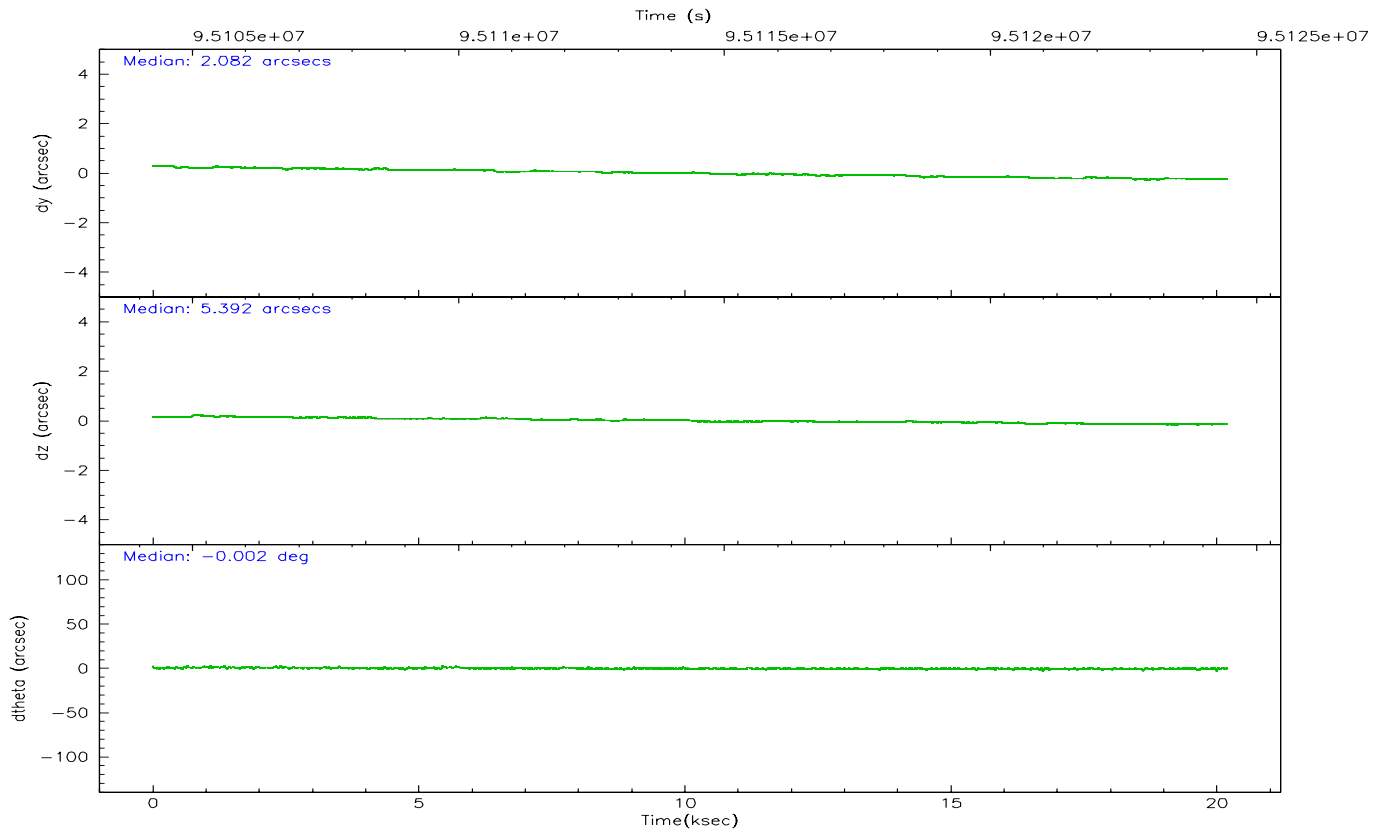
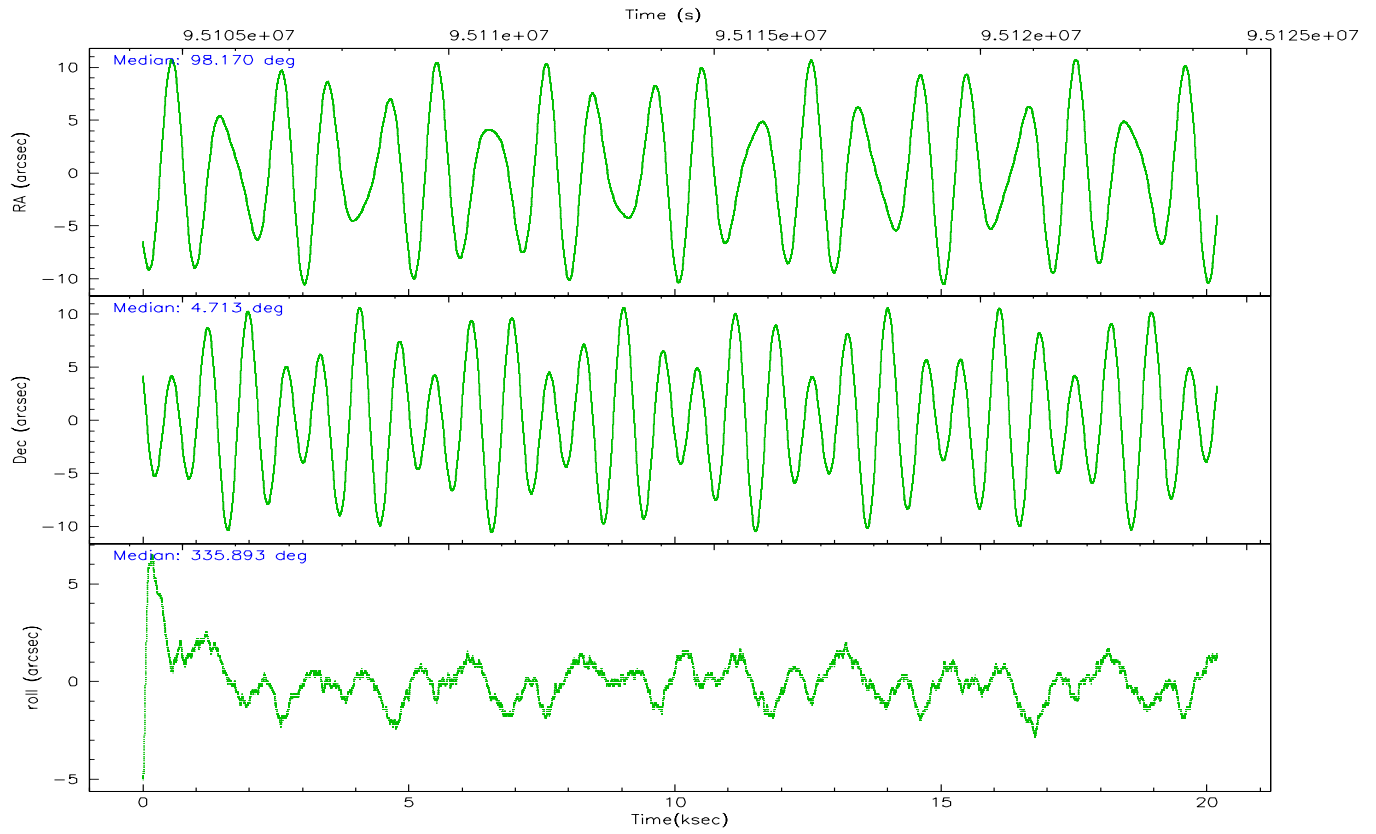
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	5776	6653	6738	6563	6275	3625
	5%	6%	5%	5%	4%	2%
grade 1 events	58	50	55	71	71	76
	0%	0%	0%	0%	0%	0%
grade 2 events	2763	3083	2977	2659	2812	14361
	2%	2%	2%	2%	2%	9%
grade 3 events	1375	1431	1301	1347	1333	3143
	1%	1%	1%	1%	1%	2%
grade 4 events	1279	1505	1256	1272	1323	3115
	1%	1%	1%	1%	1%	2%
grade 5 events	4231	4437	4119	4491	4931	10211
	3%	4%	3%	3%	3%	6%
grade 6 events	2442	2709	2346	2356	2738	33742
	2%	2%	1%	2%	2%	22%
grade 7 events	89240	90434	99439	98584	107370	81533
	83%	81%	84%	84%	84%	54%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	98.142518	98.16992209985457	Subarray requested	NONE	NONE
Pointing Dec	4.710349	4.713132288733012	Alternating exposures requested	N	N
Pointing Roll	335.690091	335.8965275862535	Primary exposure time	0.000000	3.2
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	95104451.184000	95104075.816975			
Observation start date	2001-01-05T17:53:07	2001-01-05T17:47:55			
Observation end time	95124451.184000	95124585.042761			
Observation end date	2001-01-05T23:26:27	2001-01-05T23:29:45			
Read mode	TIMED	TIMED			

2.3 Aspect



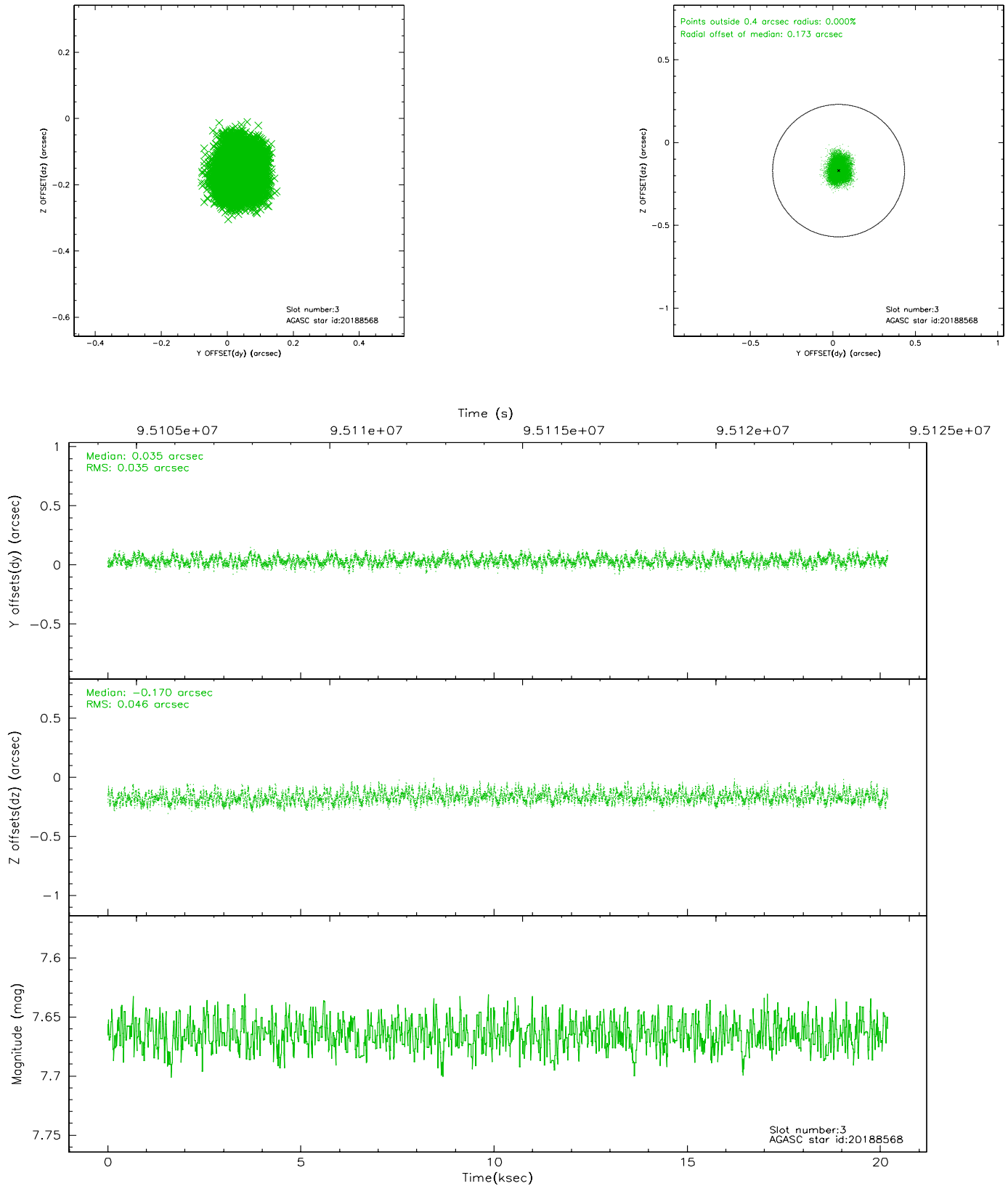


Slot Statistics

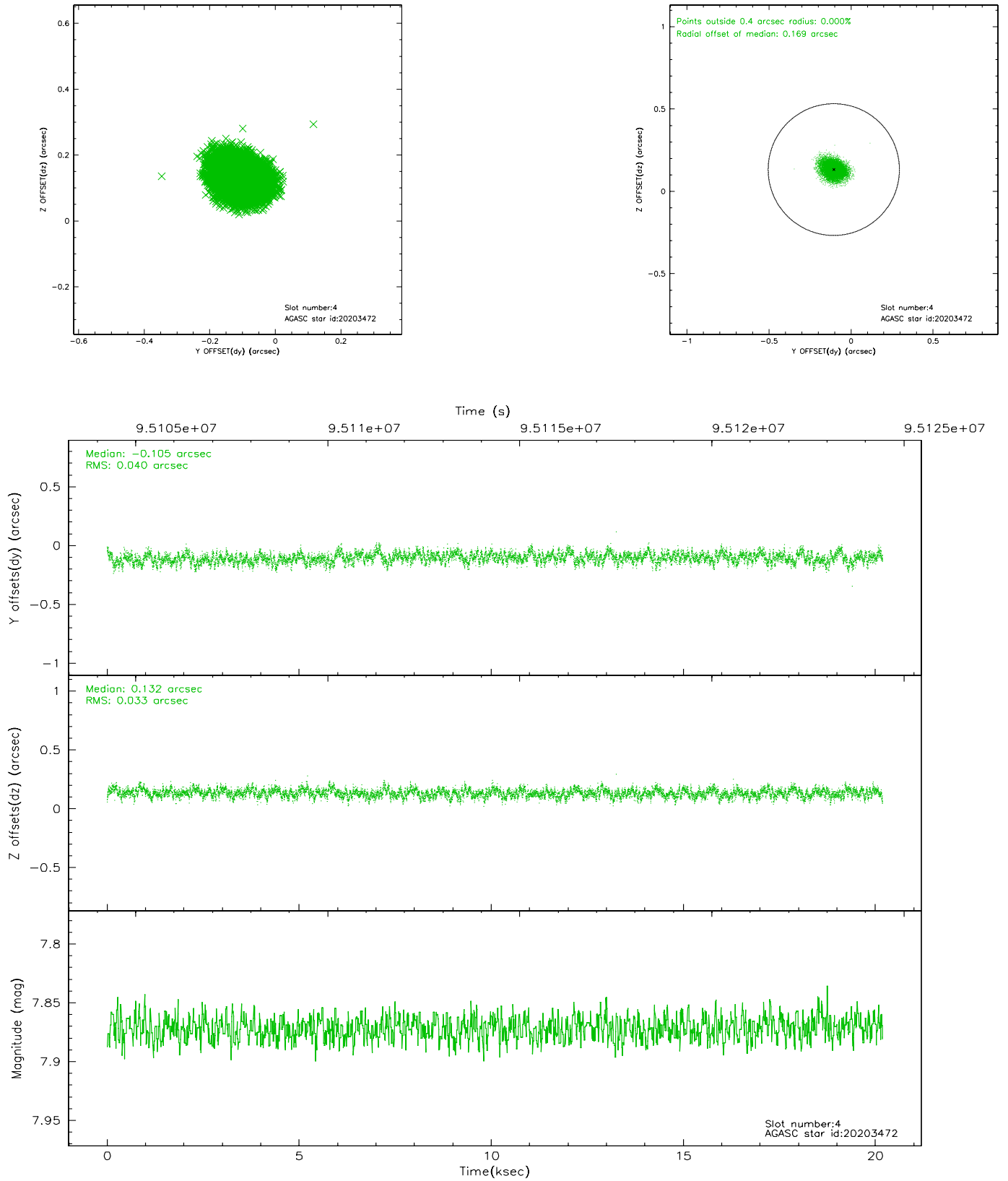
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	4925	-0.017	-0.023	0.012	0.019	0.000000	0.000000	-756.45	-835.14
1	FID	ACIS-I-4	7.19	4923	-0.060	0.026	0.013	0.022	0.000000	0.000000	2157.48	1070.99
2	FID	ACIS-I-5	7.23	4924	-0.023	0.067	0.010	0.016	0.000000	0.000000	-1810.05	1069.08
3	GUIDE	20188568	7.66	9851	0.035	-0.170	0.063	0.097	98.433538	5.215985	201.11	2088.85
4	GUIDE	20203472	7.87	9848	-0.105	0.132	0.055	0.091	98.653479	4.344261	2213.59	-444.53
5	GUIDE	20185648	7.56	9852	0.063	-0.069	0.061	0.096	98.038775	4.823536	-506.83	218.42
6	GUIDE	20194960	7.68	9852	-0.022	0.039	0.054	0.090	97.758599	4.508135	-956.26	-1229.97
7	GUIDE	20204256	7.93	9849	0.027	0.069	0.061	0.099	97.968888	5.033108	-1046.13	802.93

2.4 Star Slots

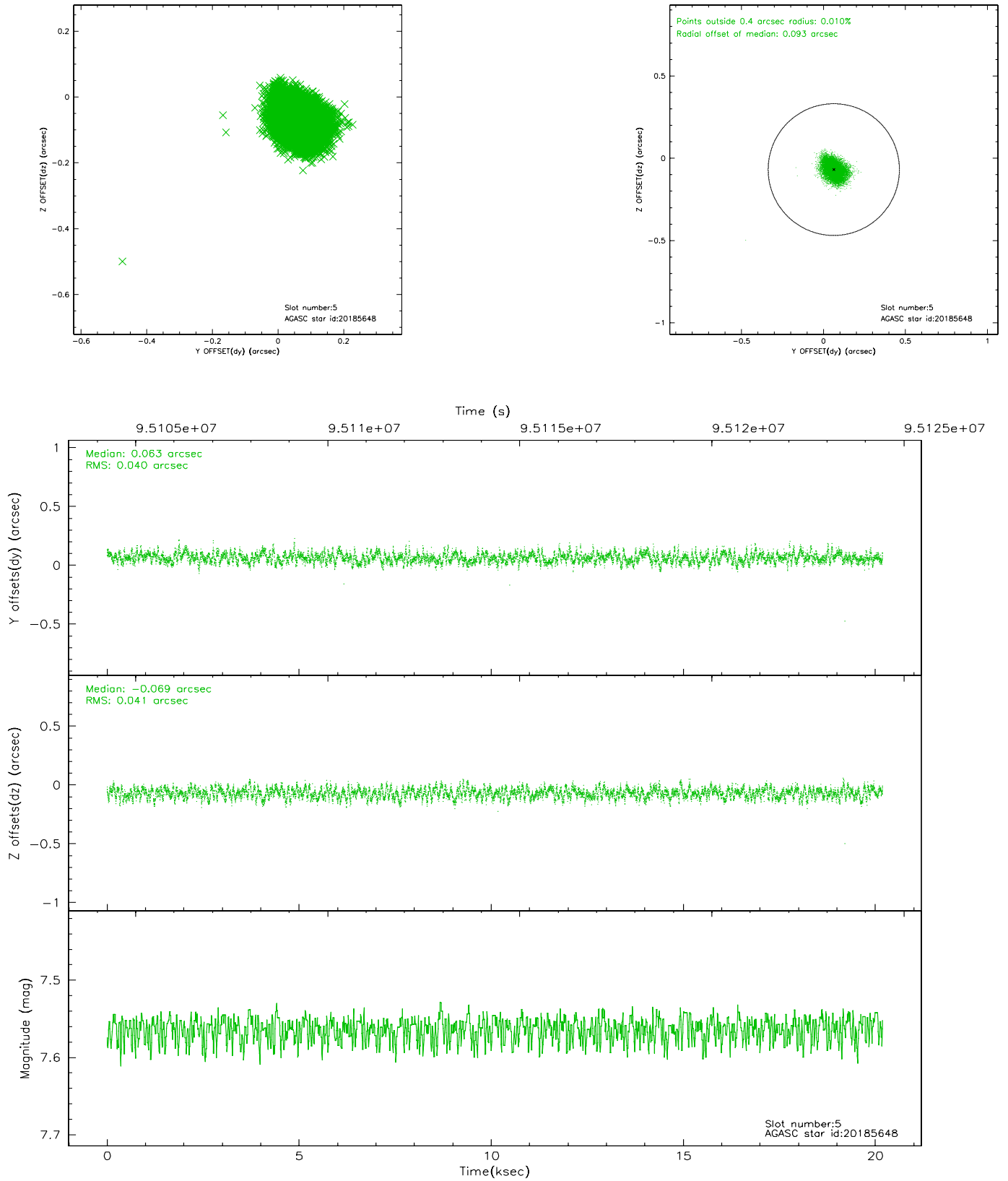
2.4.1 Slot 3



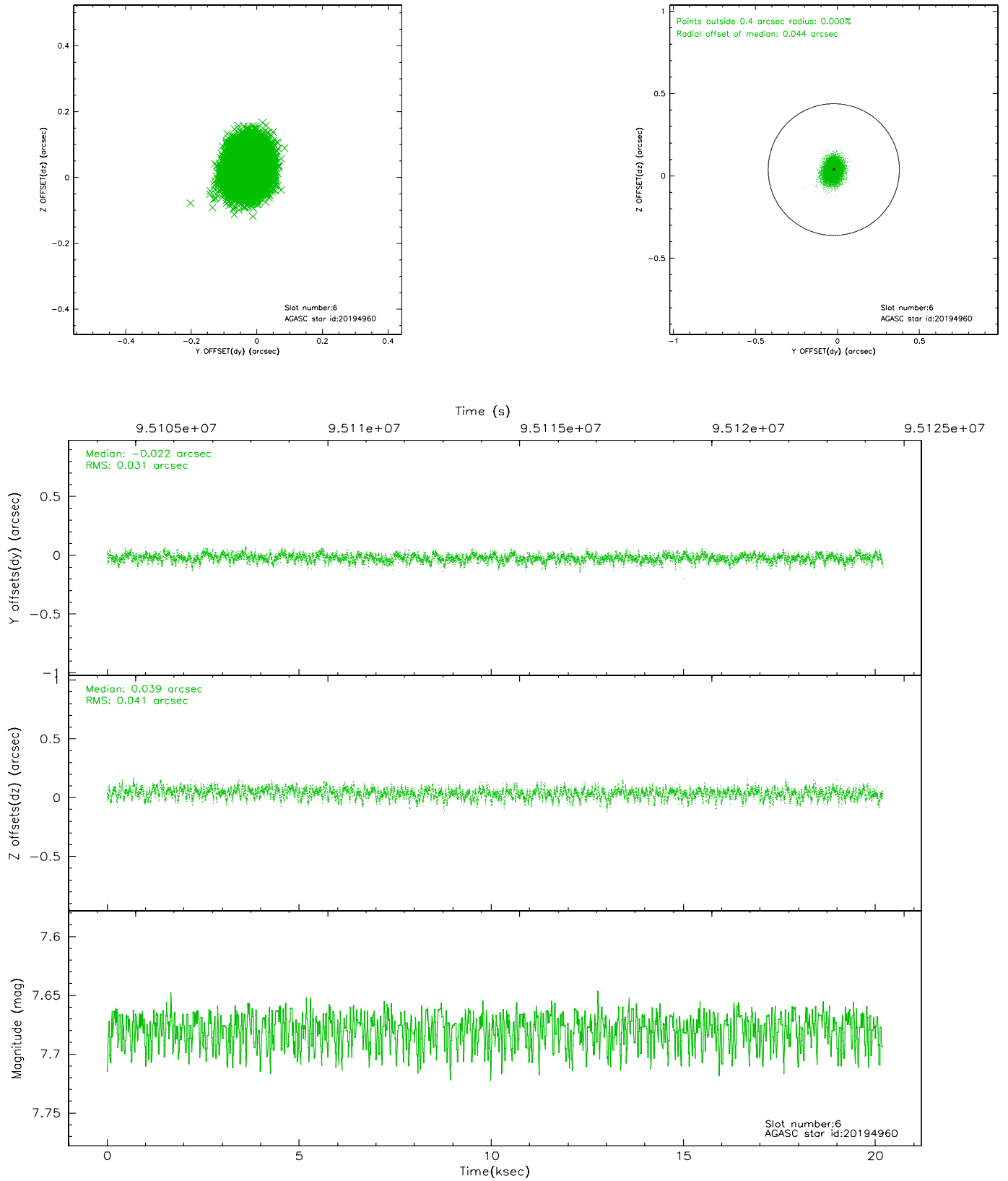
2.4.2 Slot 4



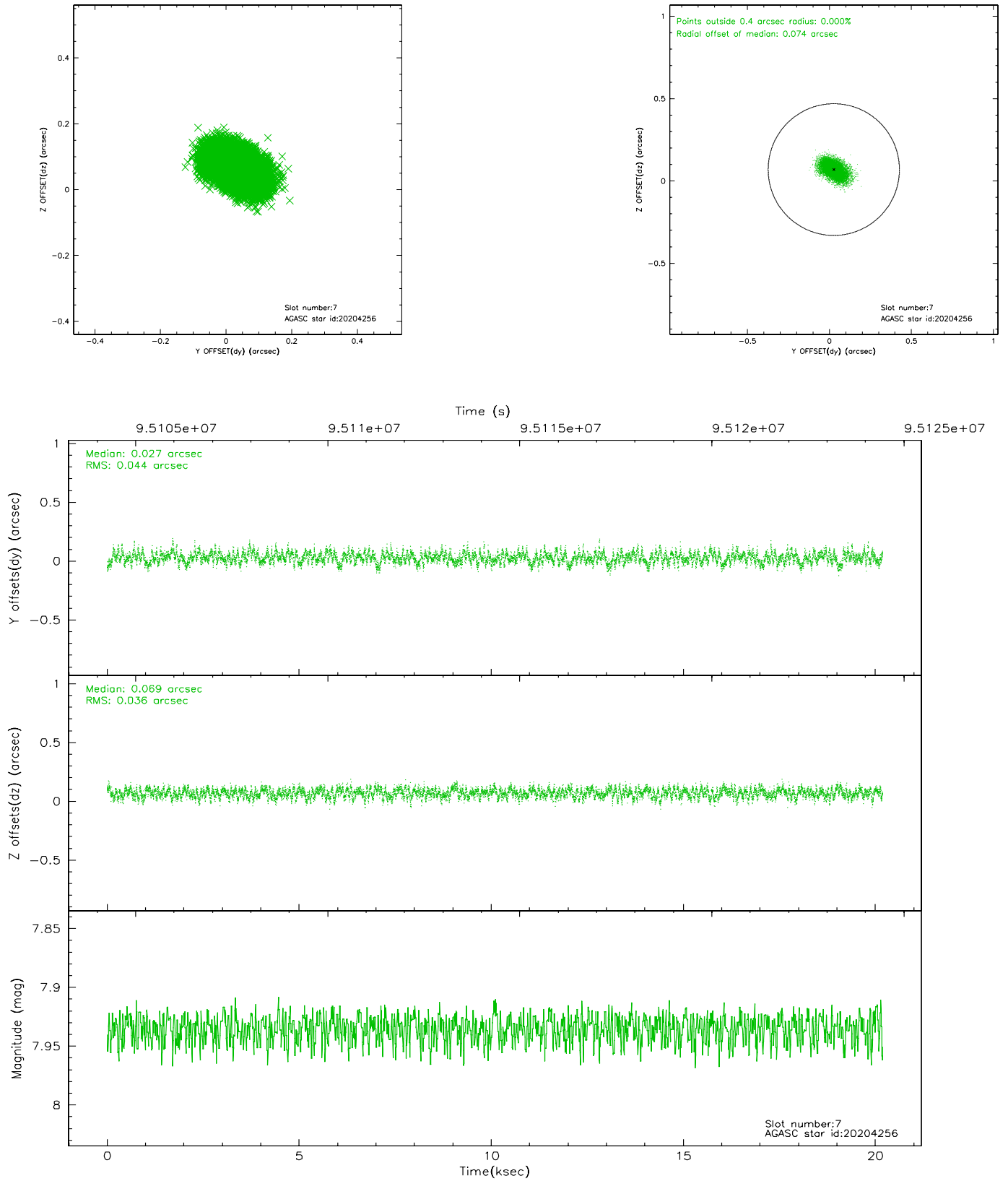
2.4.3 Slot 5



2.4.4 Slot 6

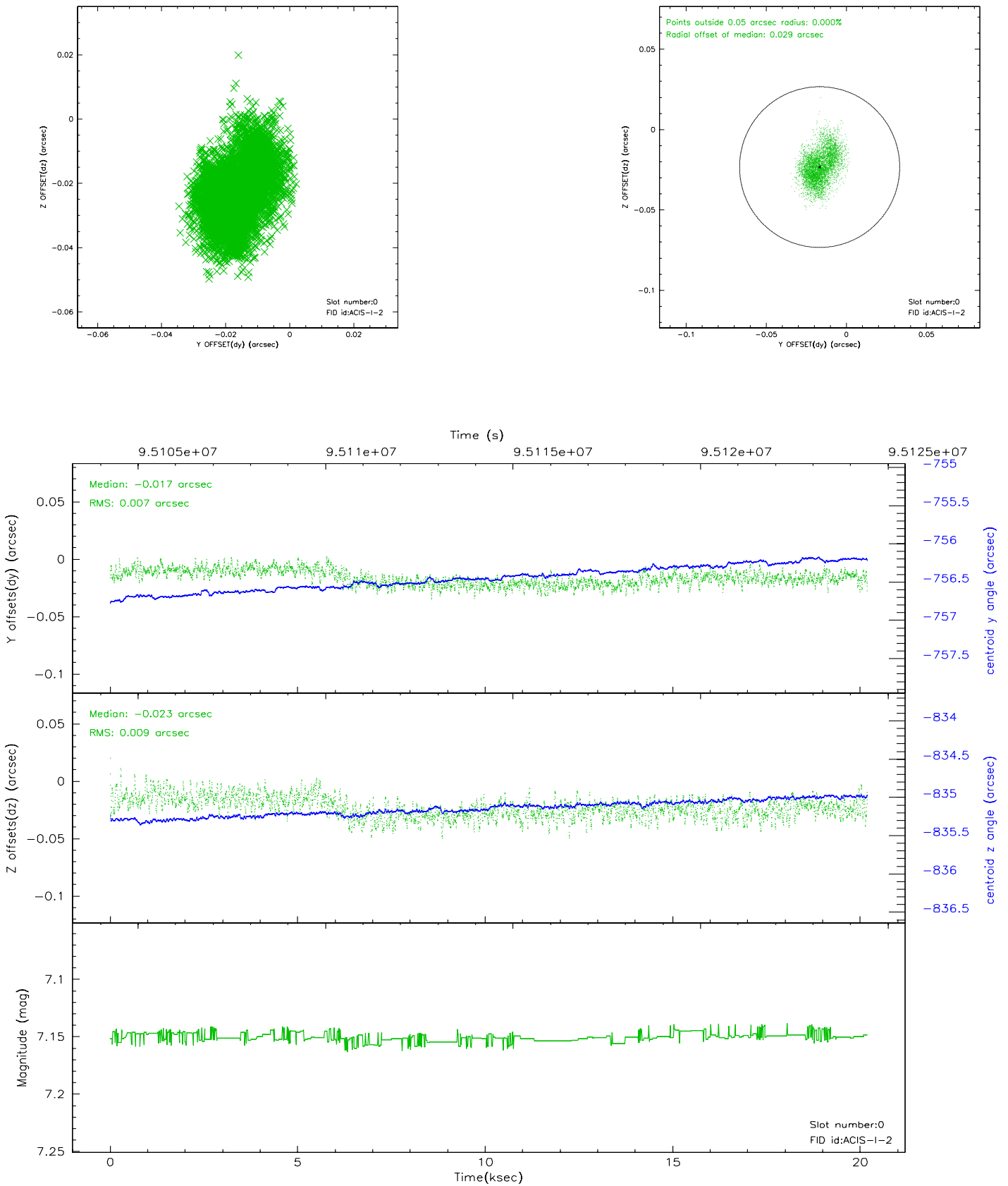


2.4.5 Slot 7

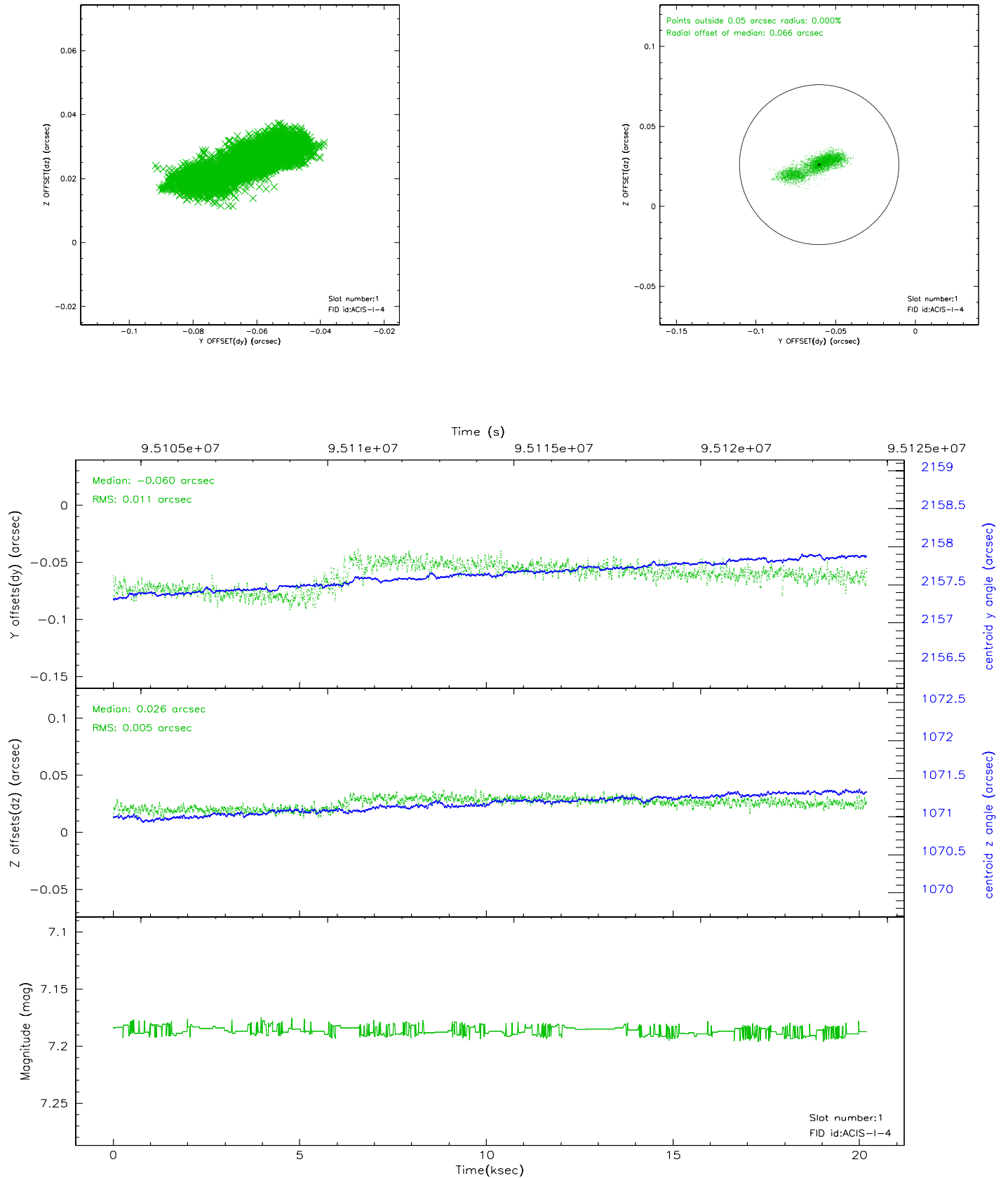


2.5 FID Slots

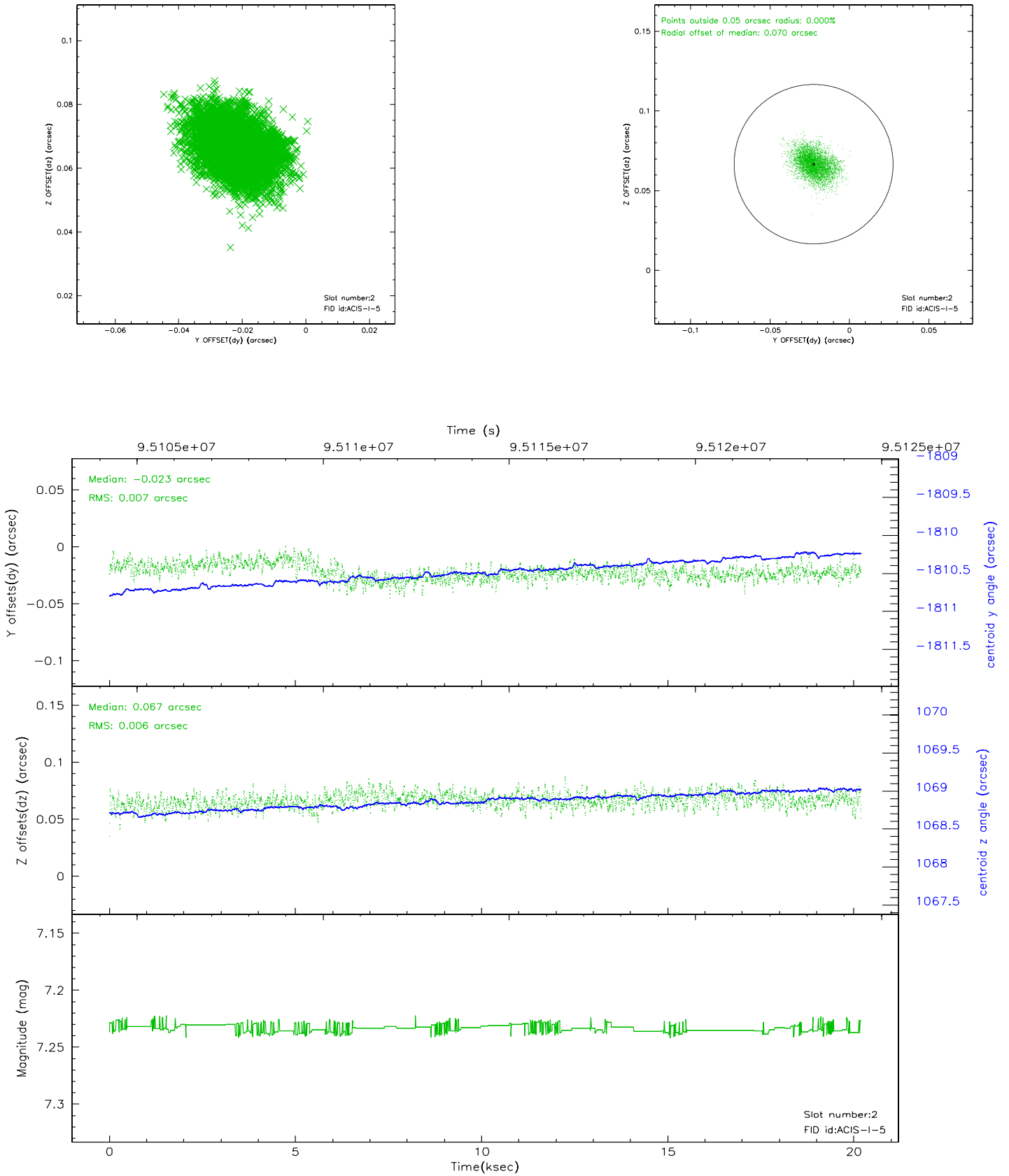
2.5.1 Slot 0



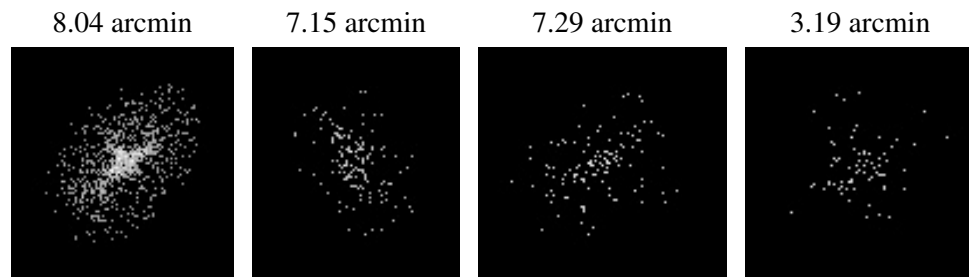
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.756

A.2 Comments