

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4864 - L2 Version 001
Chandra X-Ray Center

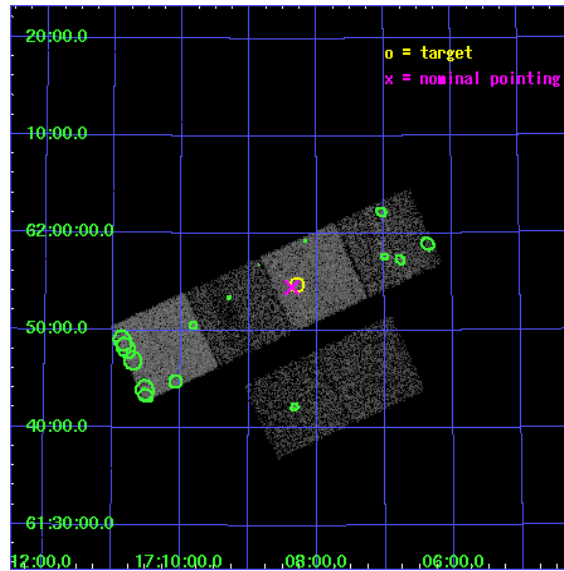
L2 Processing Date : Jun 27 2006

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

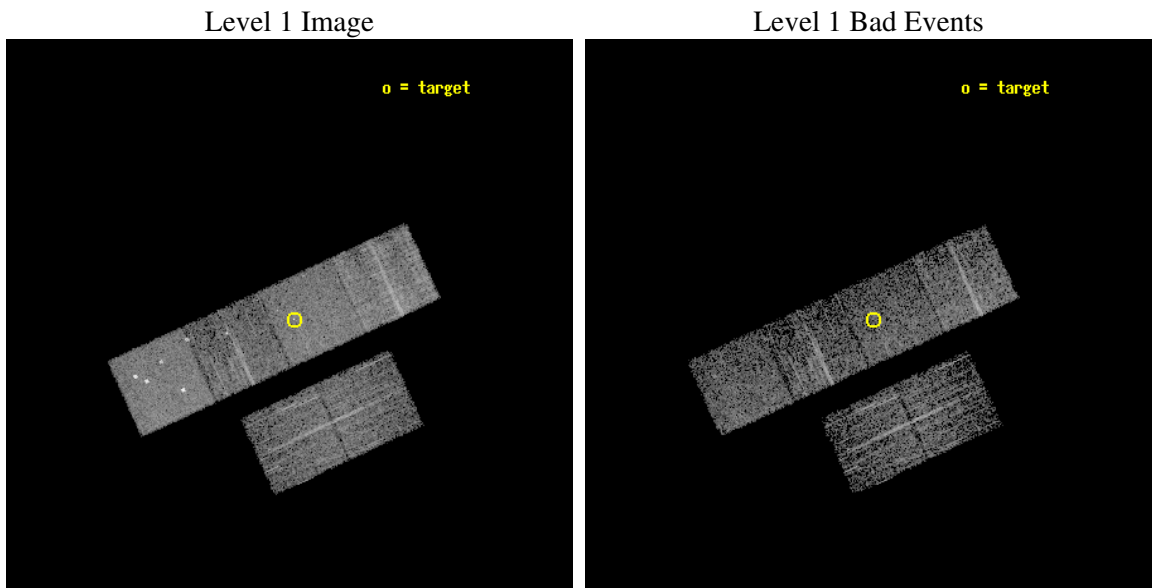
seq_num	700946
obs_id	4864
title	X-ray Properties of Dust Reddened Quasars from the Sloan Digital Sky Survey
observer	Gordon Richards
object	SDSS J170817.87+615448.6
dtcycle	0
cycle	P
ra_targ	257.074583
dec_targ	61.9135
ra_nom	257.0914192572
dec_nom	61.908039372752
roll_nom	335.368777677
revision	2
ontime	4108.7999846935
livetime	4056.771885265
ontime2	4108.7999846935
ontime3	4108.7999846935
ontime5	4108.7999846935
ontime6	4108.7999846935
ontime7	4108.7999846935
ontime8	4105.5590244234
l2events	44568



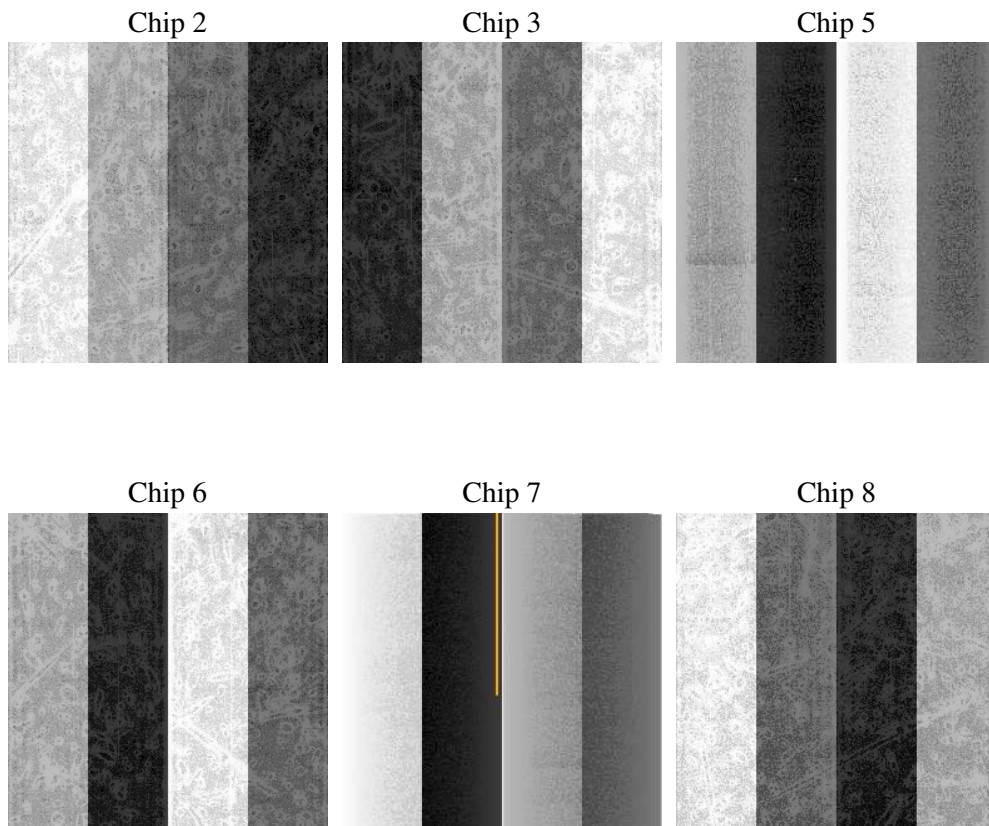
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-28T01:26:48
revision	2

sched_exp_time	4350.000000
ontime	4112.8304279745
ontime2	4112.8304279745
ontime3	4112.8304279745
ontime5	4112.8304279745
ontime6	4112.8304279745
ontime7	4112.8304279745
ontime8	4109.5893381536
l1events	177801

2.1.4 Events

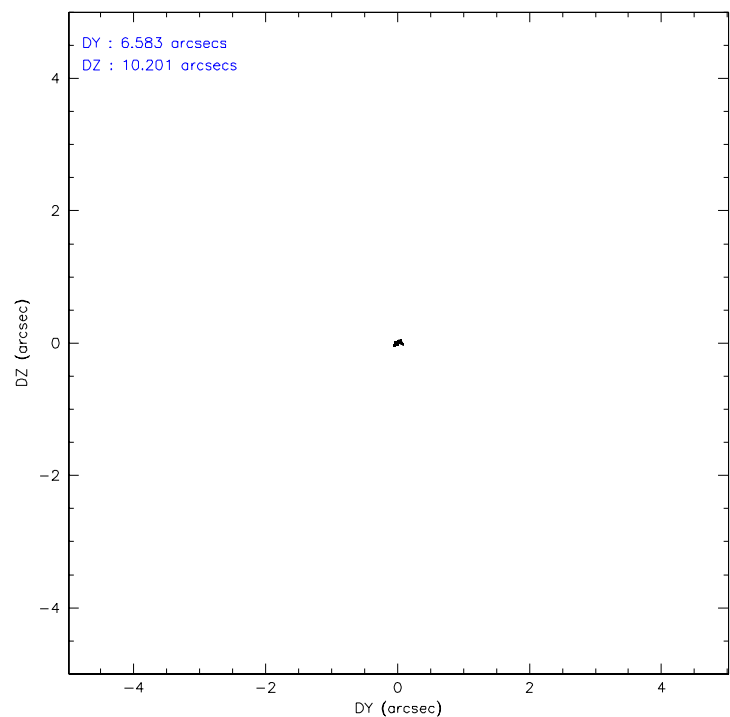
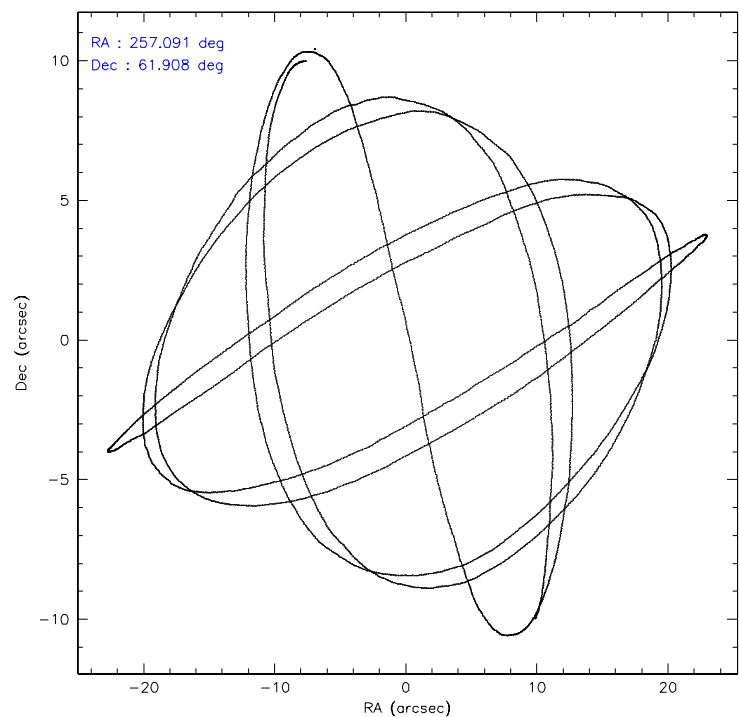
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	23396	22701	37837	23735	31623	38509
rejected events	19247	18587	18783	19137	18585	25813
rejected %	82%	81%	49%	80%	58%	67%

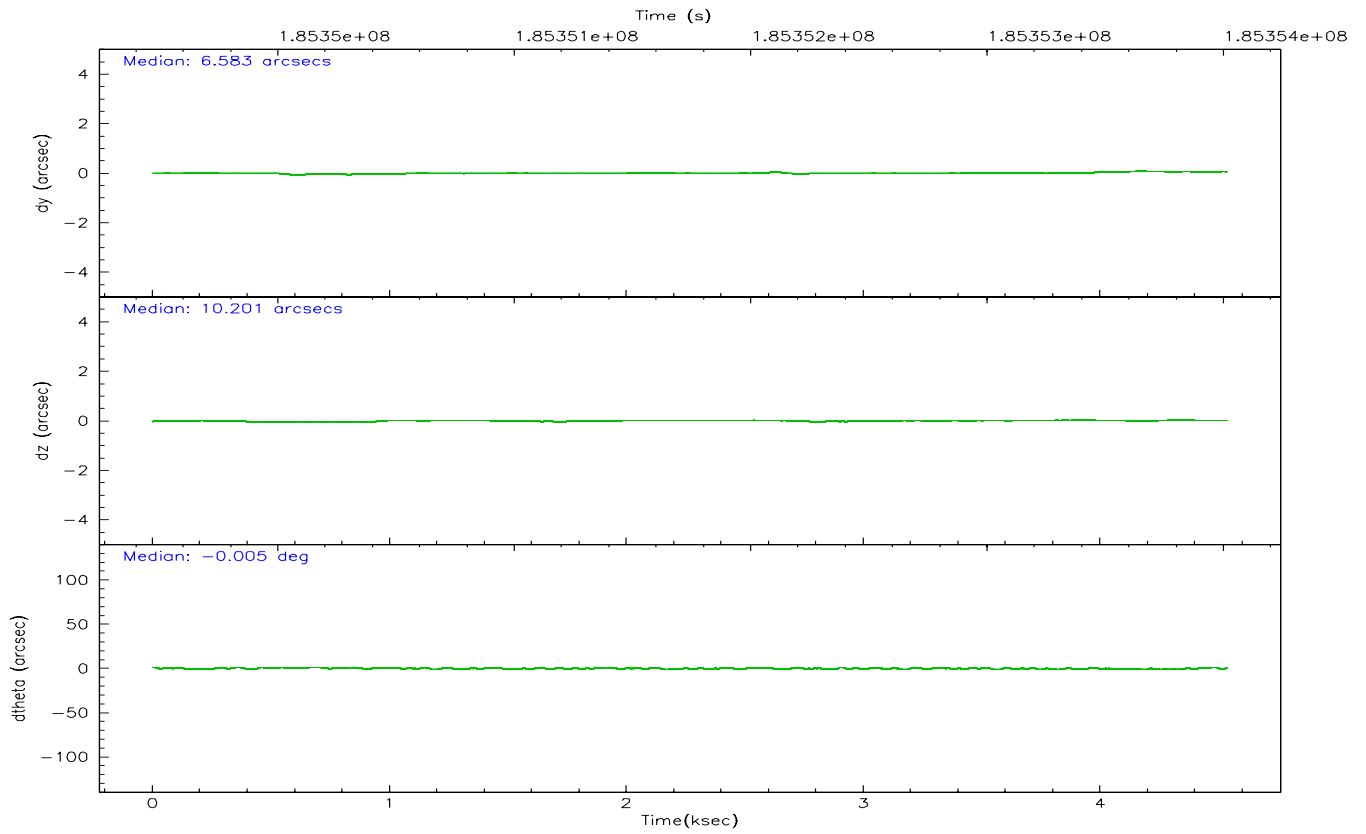
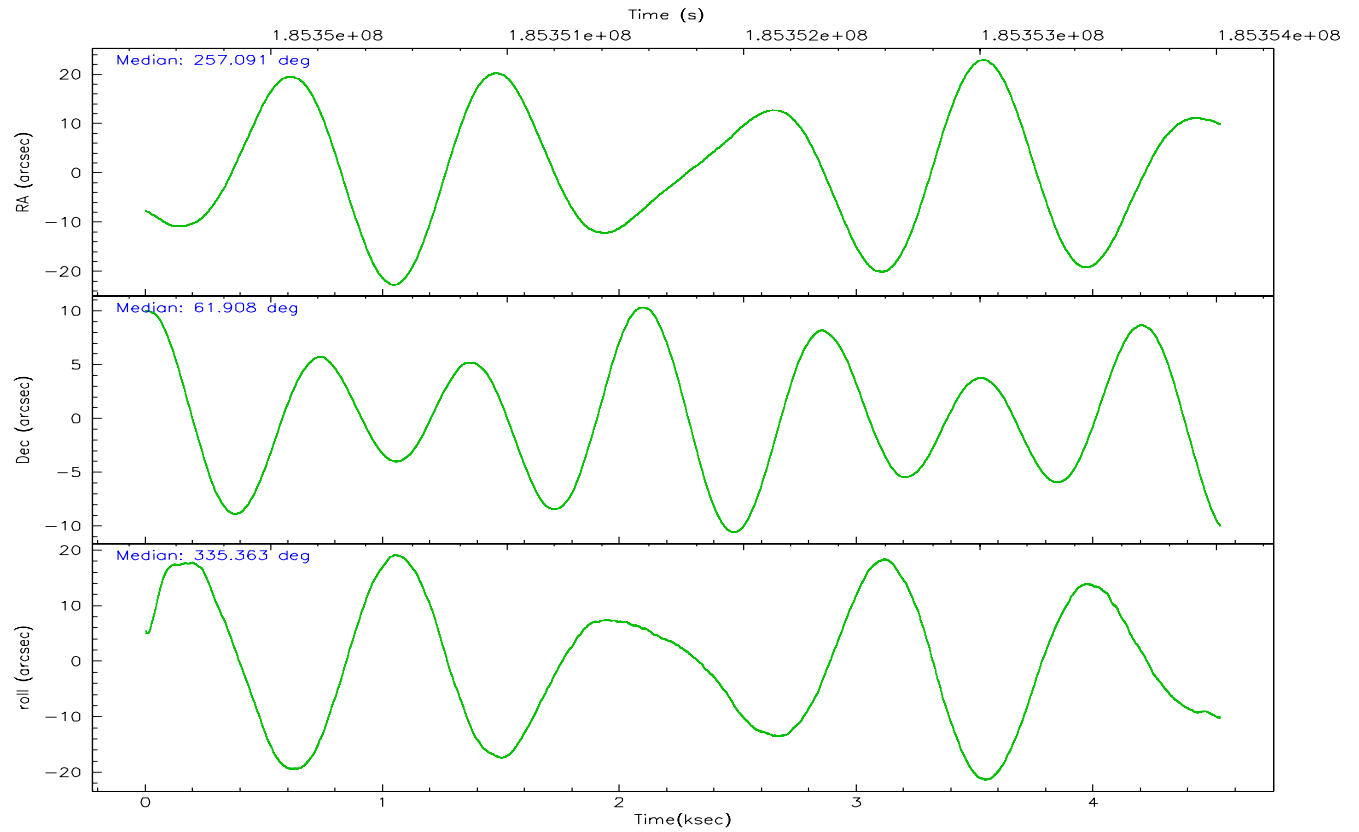
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1980	1766	3632	2028	957	4858
	8%	7%	9%	8%	3%	12%
grade 1 events	16	15	132	8	24	45
	0%	0%	0%	0%	0%	0%
grade 2 events	885	976	5501	1151	3153	2140
	3%	4%	14%	4%	9%	5%
grade 3 events	276	292	471	287	694	1830
	1%	1%	1%	1%	2%	4%
grade 4 events	312	288	497	289	717	1601
	1%	1%	1%	1%	2%	4%
grade 5 events	904	934	1633	987	2073	1353
	3%	4%	4%	4%	6%	3%
grade 6 events	699	800	8974	849	7532	2274
	2%	3%	23%	3%	23%	5%
grade 7 events	18324	17630	16997	18136	16473	24408
	78%	77%	44%	76%	52%	63%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	257.033964	257.0914192571955	Alternating exposures requested	N	N
Pointing Dec	61.905064	61.90803937275248	Primary exposure time	0.000000	3.2
Pointing Roll	335.262836	335.3687776770039			
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	185349659.184000	185349170.78888			
Observation start date	2003-11-16T05:59:55	2003-11-16T05:52:50			
Observation end time	185354009.184000	185355402.27665			
Observation end date	2003-11-16T07:12:25	2003-11-16T07:36:42			
Read mode	TIMED	TIMED			

2.3 Aspect



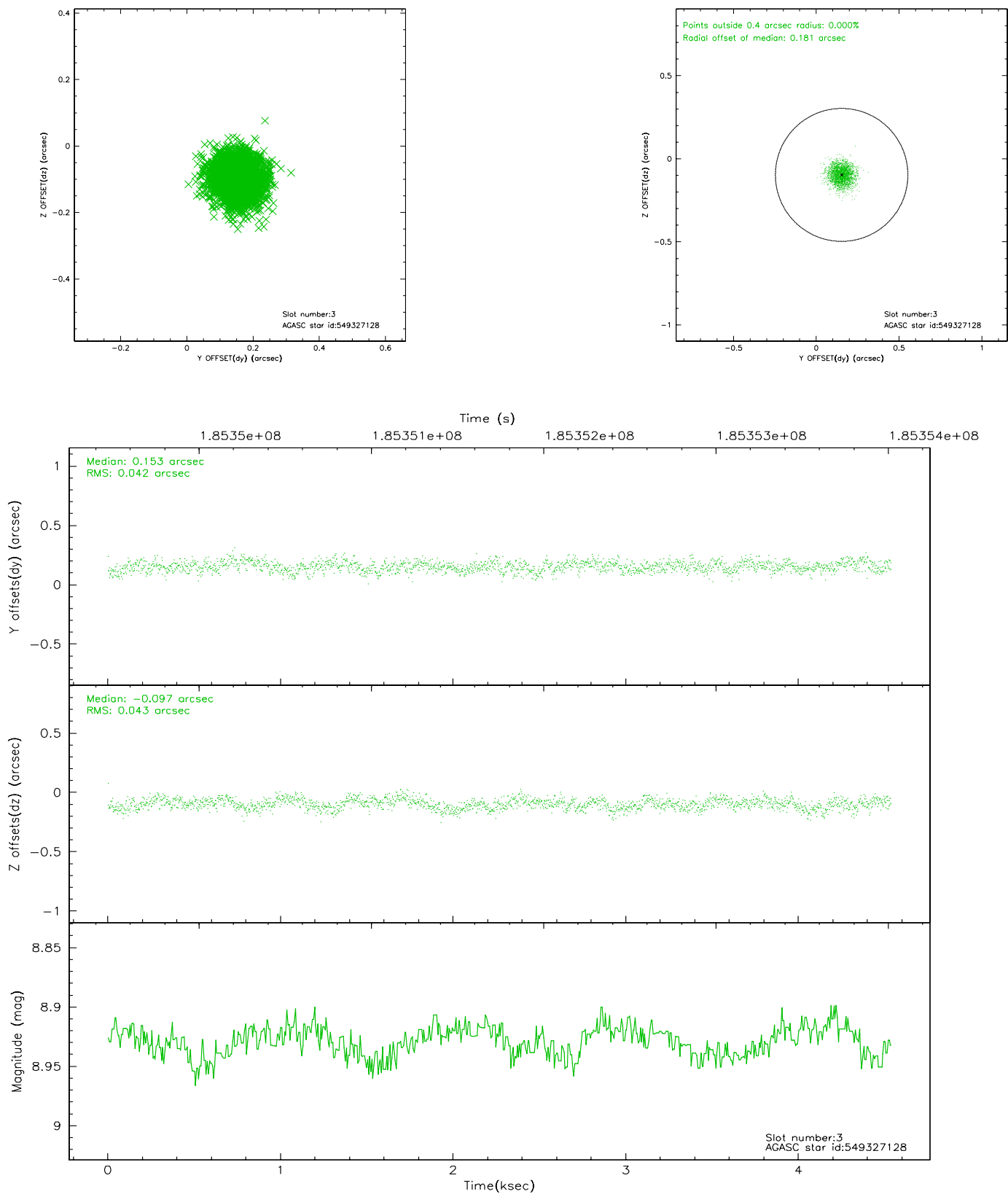


Slot Statistics

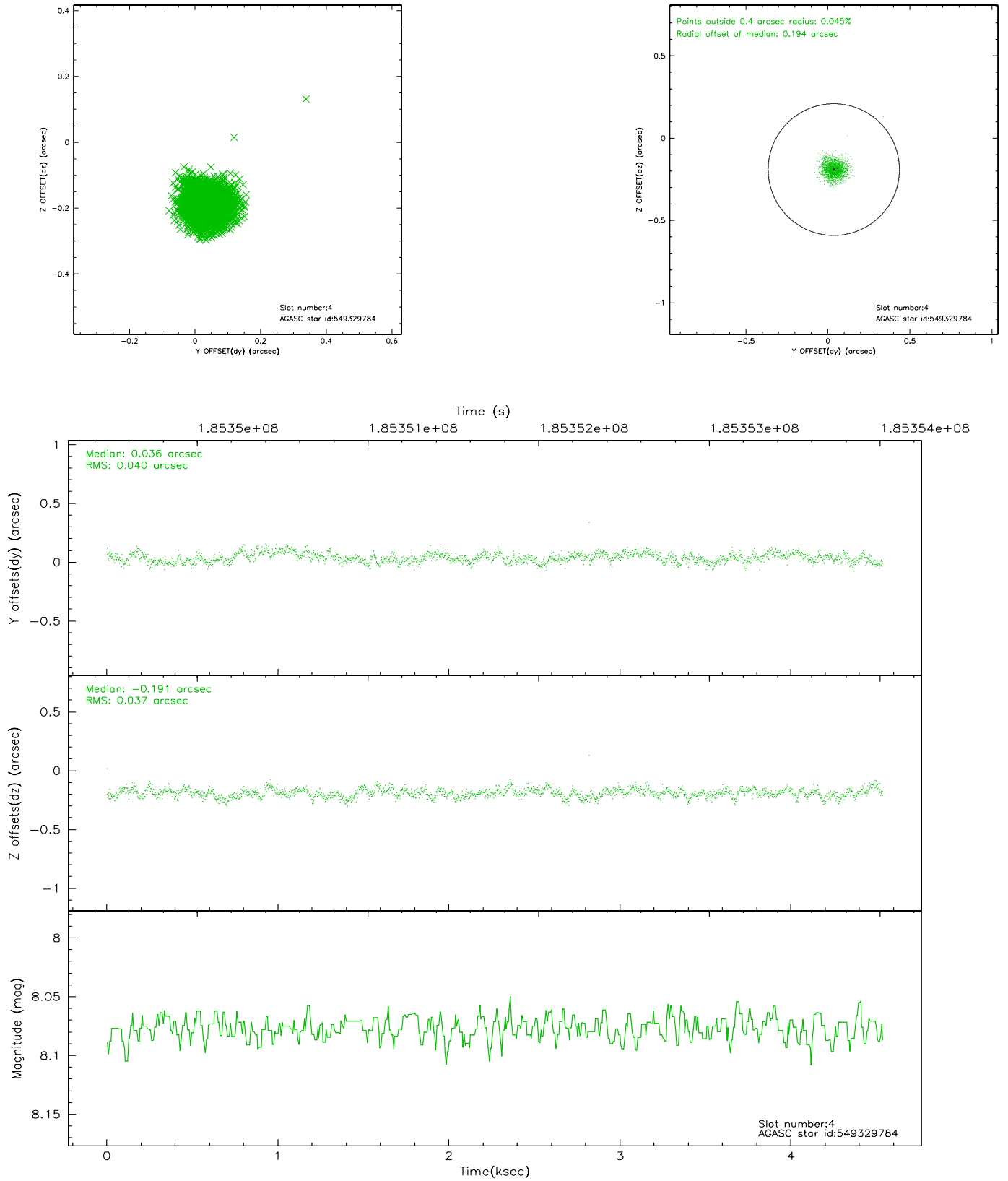
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1107	-0.039	-0.019	0.005	0.010	0.000000	0.000000	-759.35	-1731.48
1	FID	ACIS-S-4	7.20	1106	0.028	0.022	0.006	0.009	0.000000	0.000000	2153.36	175.67
2	FID	ACIS-S-6	7.35	1106	-0.017	0.004	0.007	0.011	0.000000	0.000000	404.38	814.58
3	GUIDE	549327128	8.93	2212	0.153	-0.097	0.065	0.102	255.986843	62.207313	-2057.32	265.76
4	GUIDE	549329784	8.08	2213	0.036	-0.191	0.058	0.092	256.133381	62.172125	-1781.81	249.22
5	GUIDE	549342520	8.65	2212	-0.132	0.120	0.076	0.121	256.593856	61.305117	211.43	-2277.34
6	GUIDE	550767104	9.32	2212	0.076	0.082	0.082	0.134	258.785636	62.176018	2248.58	2152.91
7	GUIDE	549325920	6.91	2212	-0.141	0.090	0.058	0.102	257.031396	61.159618	1120.29	-2437.87

2.4 Star Slots

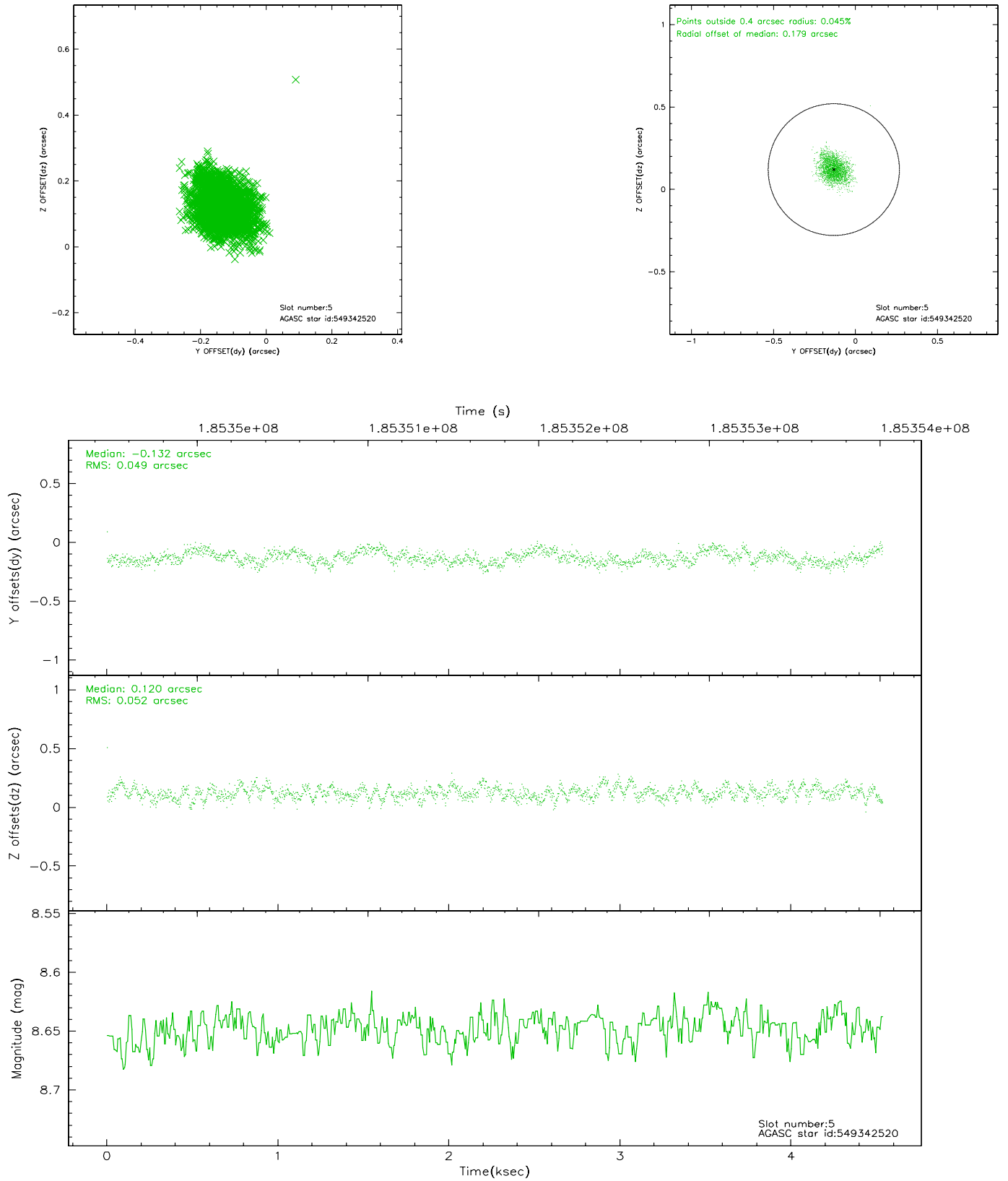
2.4.1 Slot 3



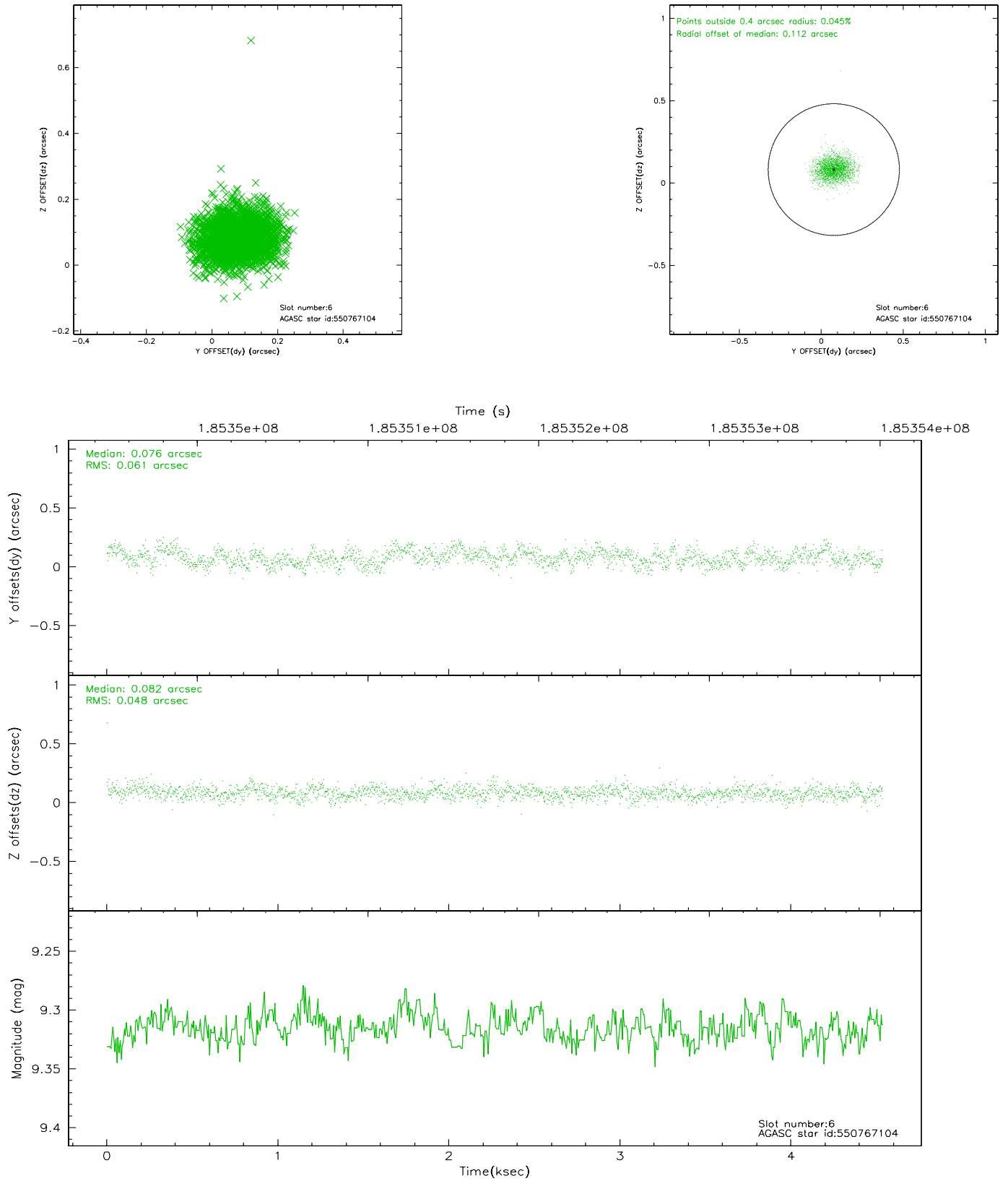
2.4.2 Slot 4



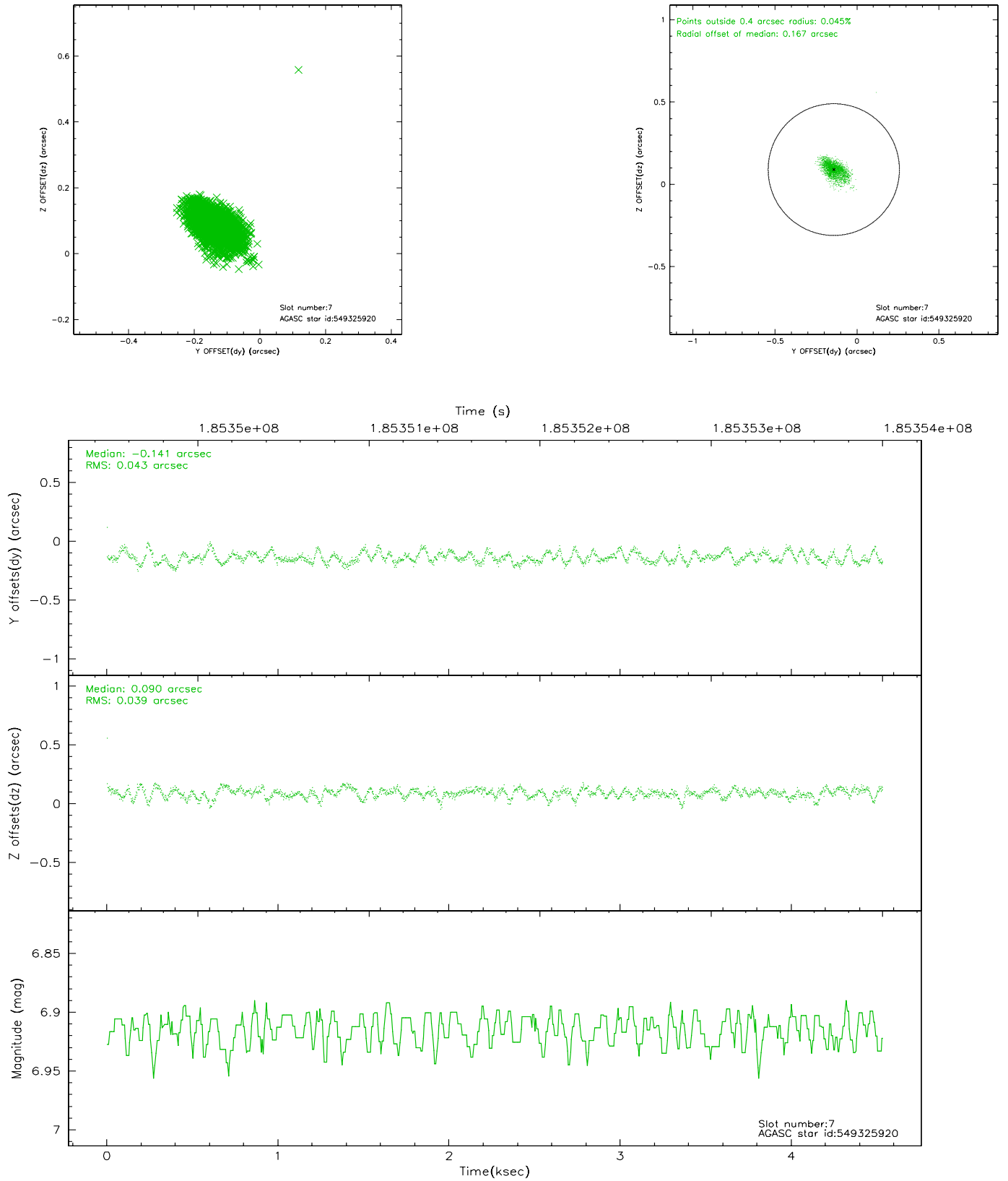
2.4.3 Slot 5



2.4.4 Slot 6

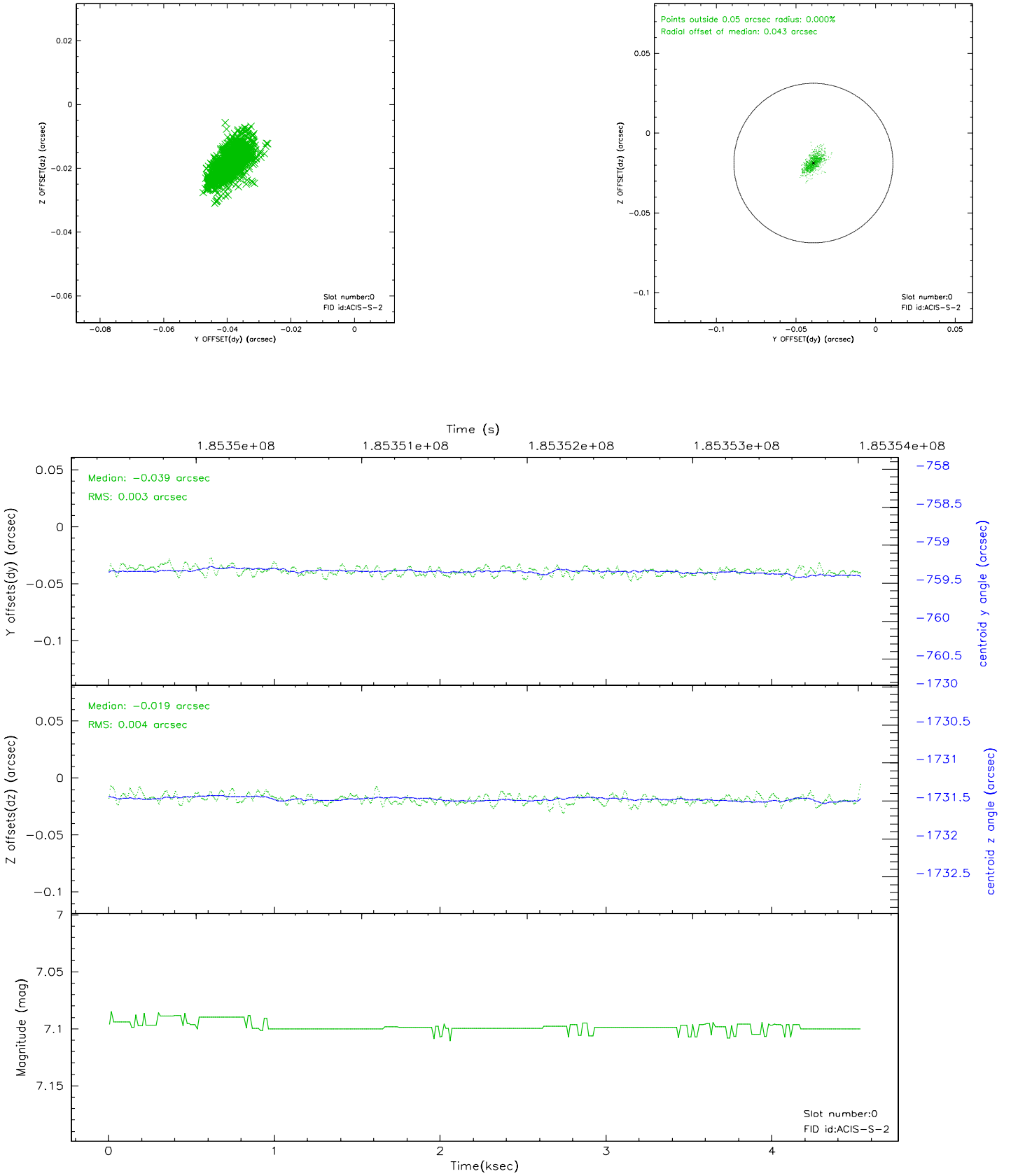


2.4.5 Slot 7

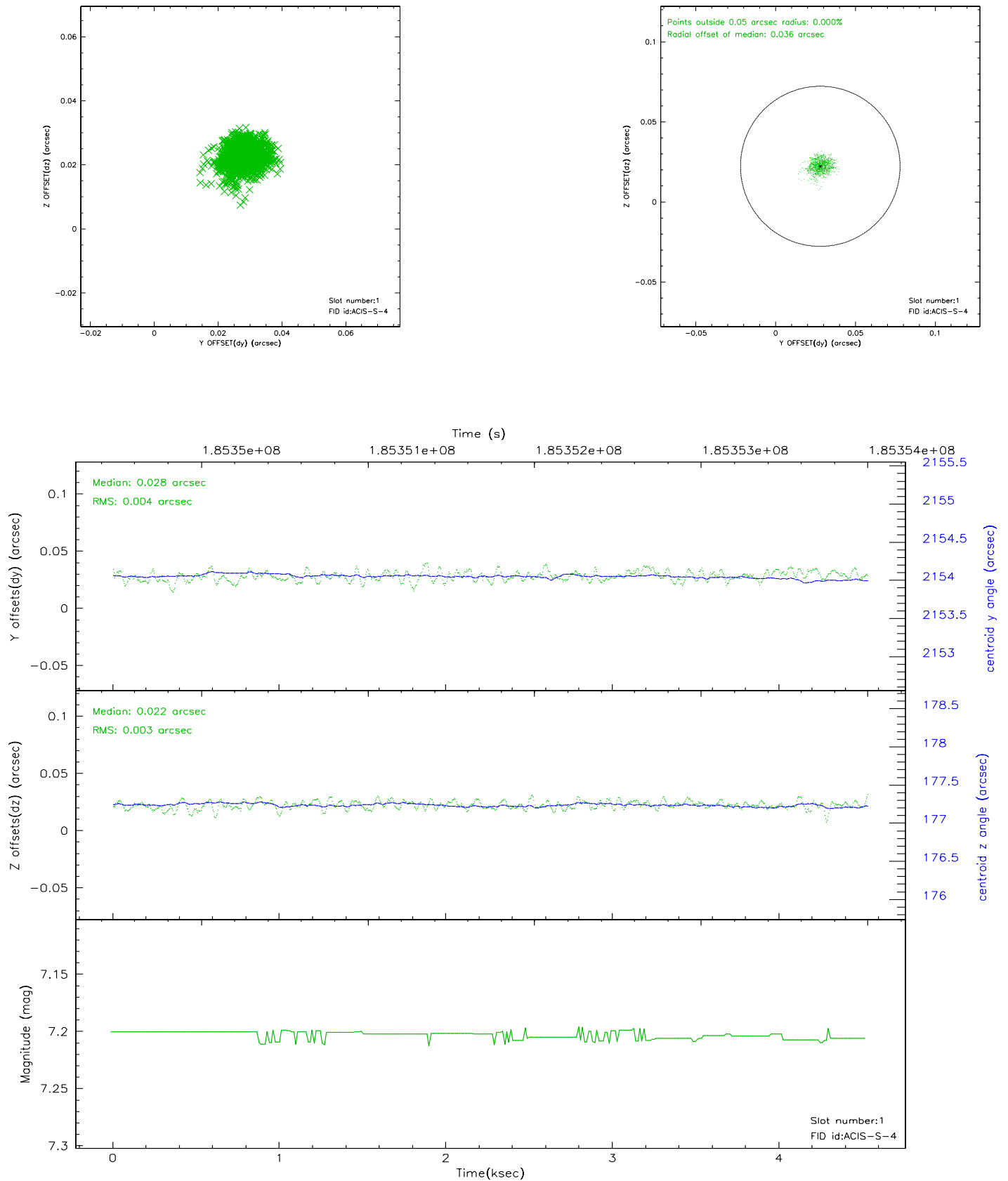


2.5 FID Slots

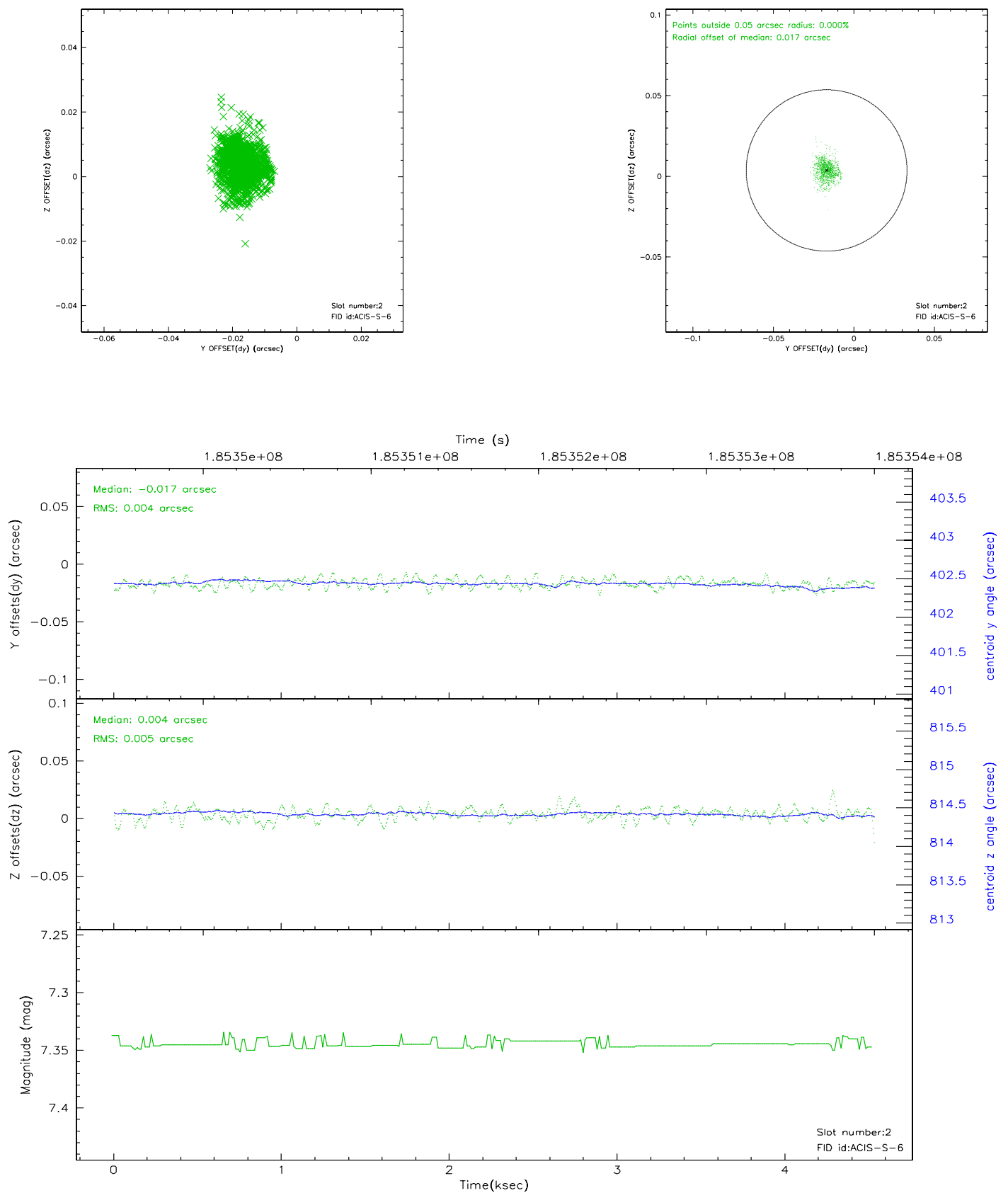
2.5.1 Slot 0



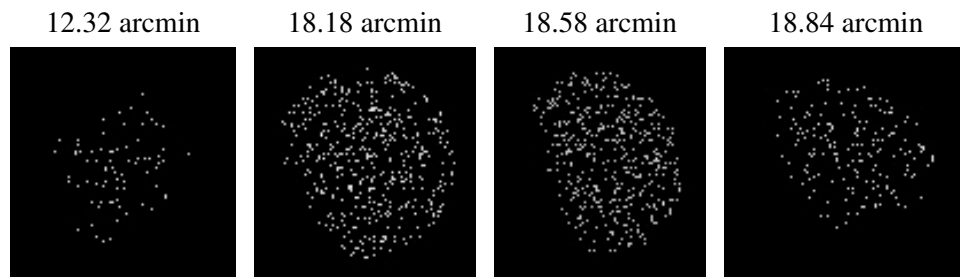
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.111

A.2 Comments