

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4529 - L2 Version 001
Chandra X-Ray Center

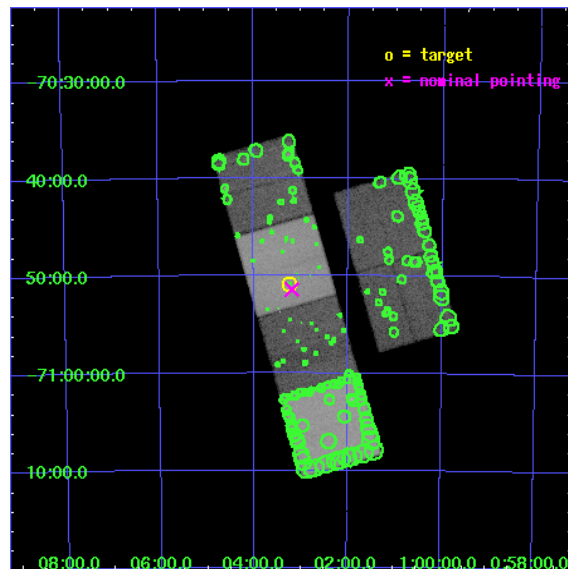
L2 Processing Date : Jun 4 2006

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

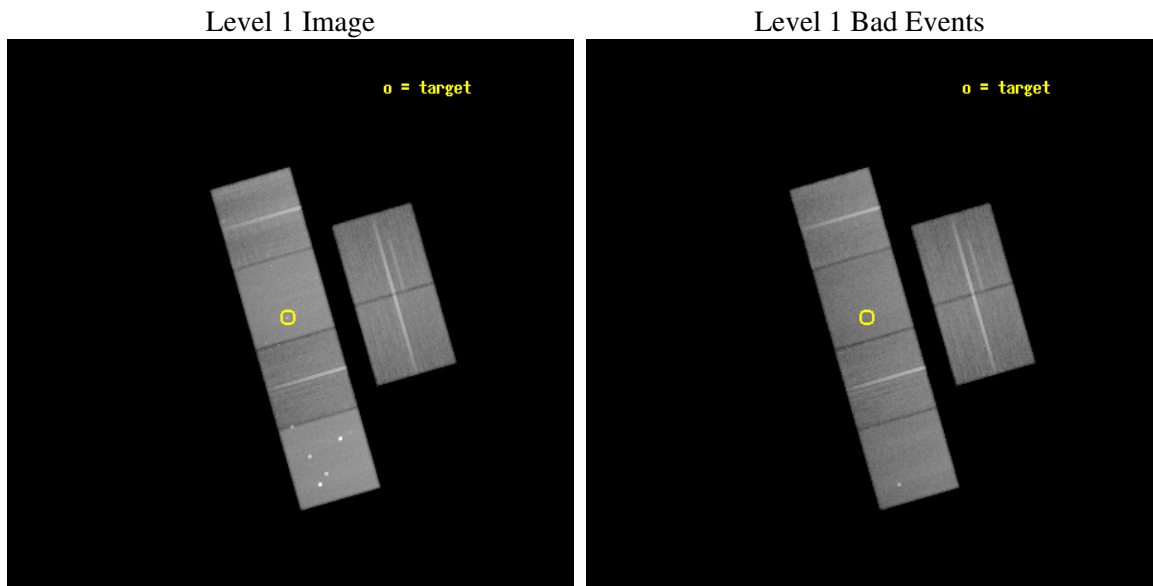
seq_num	300123
obs_id	4529
title	A Uniform Study of Globular Cluster X-ray Sources: The Keys to Cluster Dynamical Evolution
observer	Prof. Walter Lewin
object	NGC 362
dtcycle	0
cycle	P
ra_targ	15.809583
dec_targ	-70.848333
ra_nom	15.796608061592
dec_nom	-70.856997159414
roll_nom	253.96637408851
revision	2
ontime	66694.399751544
livetime	65849.875103344
ontime2	66691.15878126
ontime3	66694.399751544
ontime5	66694.399751544
ontime6	66687.91782099
ontime7	66694.399751544
ontime8	66694.399751544
l2events	657727



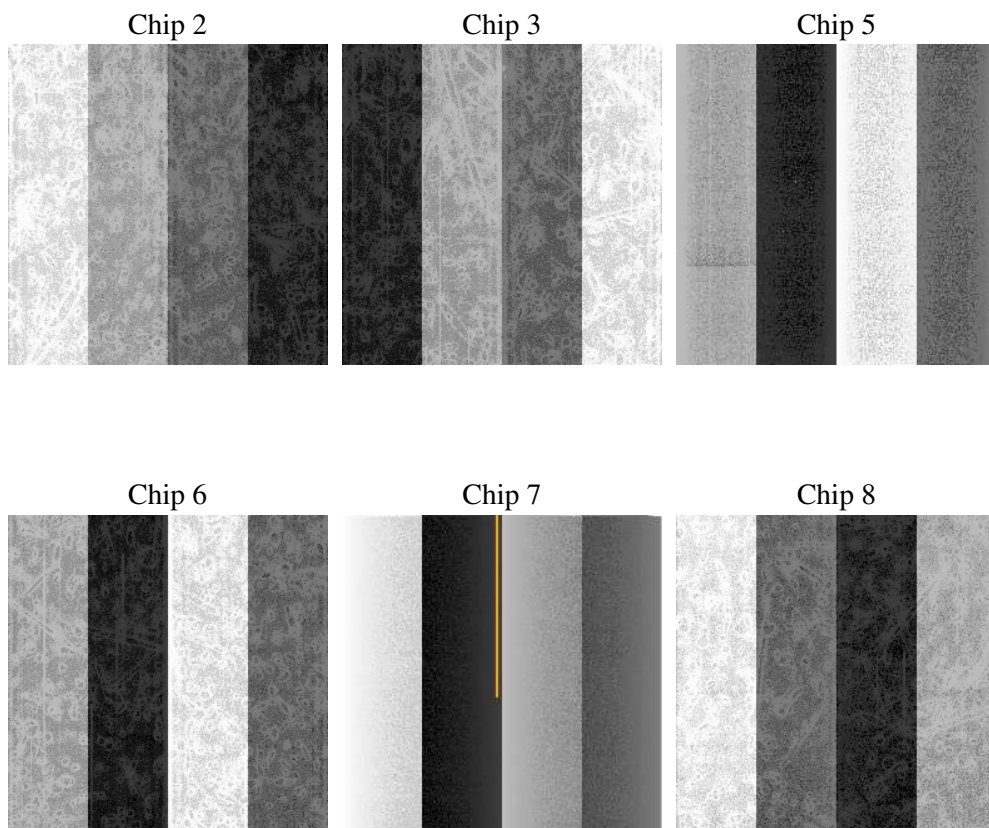
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-04T05:02:42
revision	2

sched_exp_time	66733.714000
ontime	66699.814774424
ontime2	66696.57380414
ontime3	66699.814774424
ontime5	66699.814774424
ontime6	66693.33284387
ontime7	66699.814774424
ontime8	66699.814774424
l1events	2921987

2.1.4 Events

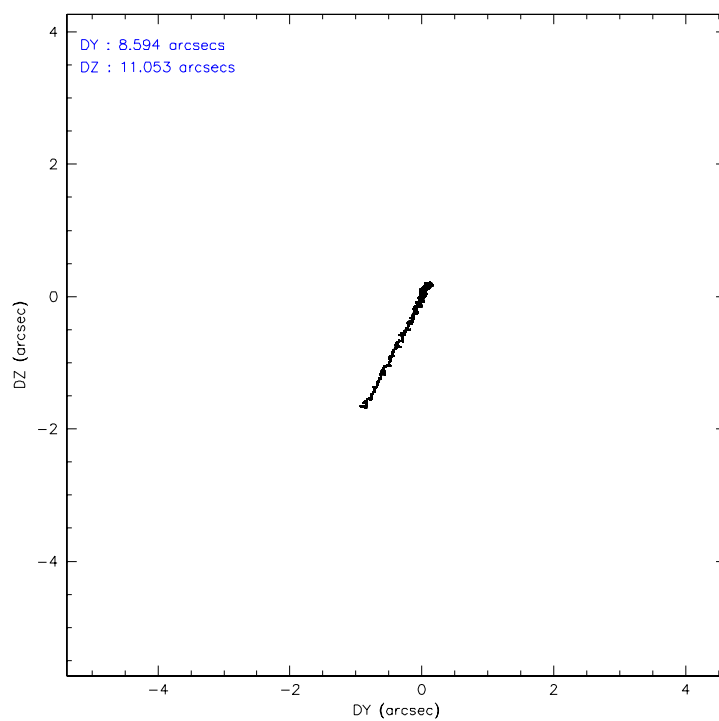
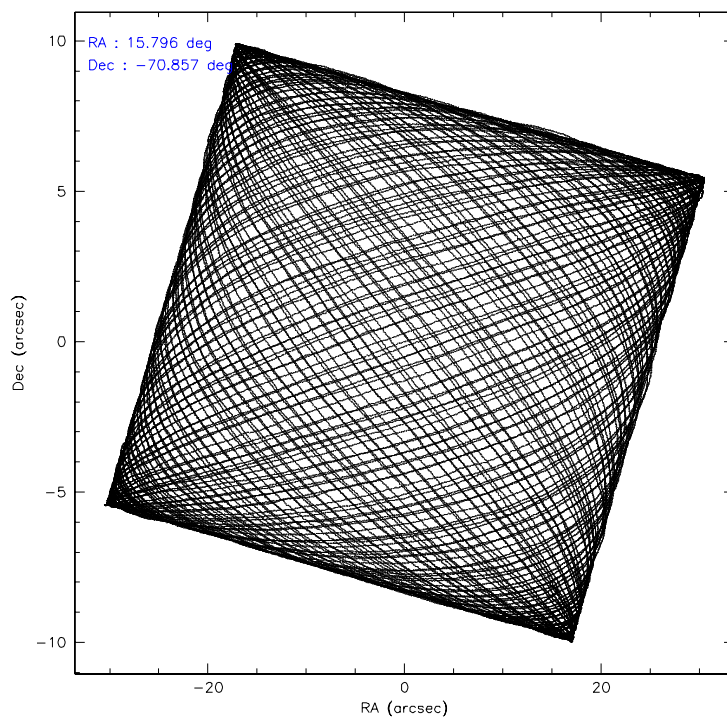
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	413038	390012	645542	404708	565071	503616
rejected events	363122	342843	341082	353164	342459	395865
rejected %	87%	87%	52%	87%	60%	78%

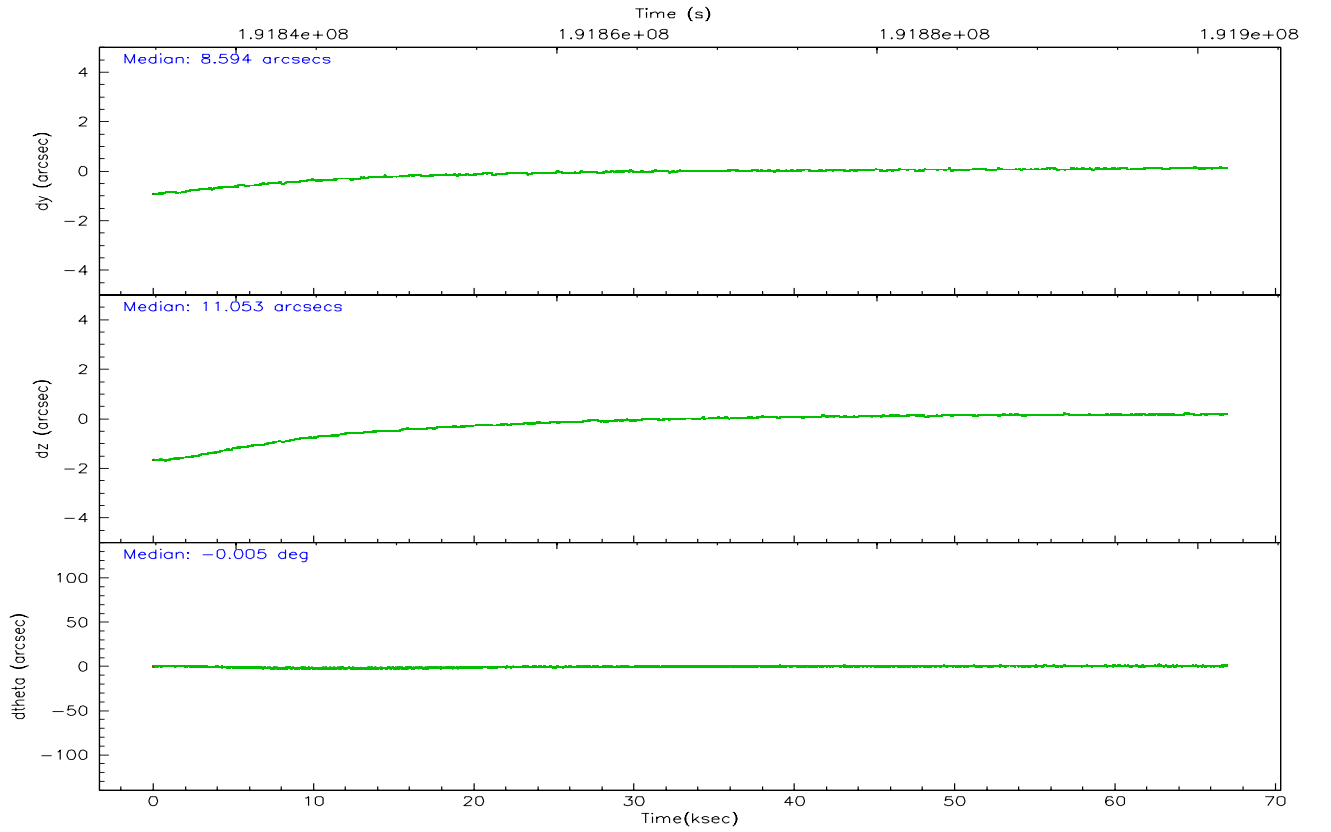
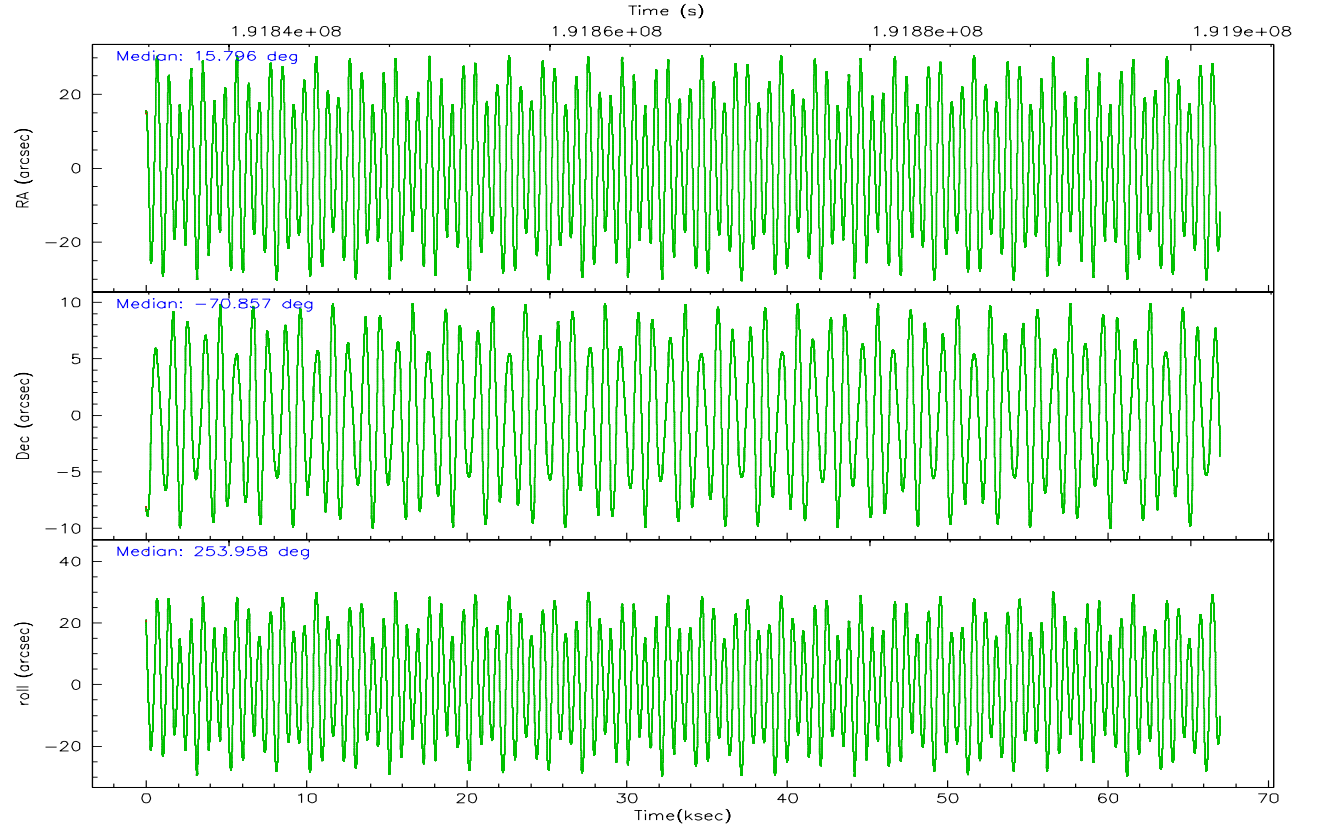
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	22307	20659	41661	21482	14457	36073
	5%	5%	6%	5%	2%	7%
grade 1 events	270	242	2338	188	314	323
	0%	0%	0%	0%	0%	0%
grade 2 events	10318	9166	94370	10537	54202	23118
	2%	2%	14%	2%	9%	4%
grade 3 events	4439	4619	6486	4796	11105	11065
	1%	1%	1%	1%	1%	2%
grade 4 events	4702	4537	6139	4782	11238	10683
	1%	1%	0%	1%	1%	2%
grade 5 events	16328	17961	28554	19212	36067	24267
	3%	4%	4%	4%	6%	4%
grade 6 events	8151	8195	155827	9950	131626	26815
	1%	2%	24%	2%	23%	5%
grade 7 events	346523	324633	310167	333761	306062	371272
	83%	83%	48%	82%	54%	73%

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	15.775492	15.79660806159234	Alternating exposures requested	N	N
Pointing Dec	-70.830691	-70.85699715941435	Primary exposure time	0.000000	3.2
Pointing Roll	253.789794	253.9663740885088			
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	191835090.184000	191834083.6708			
Observation start date	2004-01-30T07:30:26	2004-01-30T07:14:43			
Observation end time	191901823.184000	191902138.03627			
Observation end date	2004-01-31T02:02:39	2004-01-31T02:08:58			
Read mode	TIMED	TIMED			

2.3 Aspect



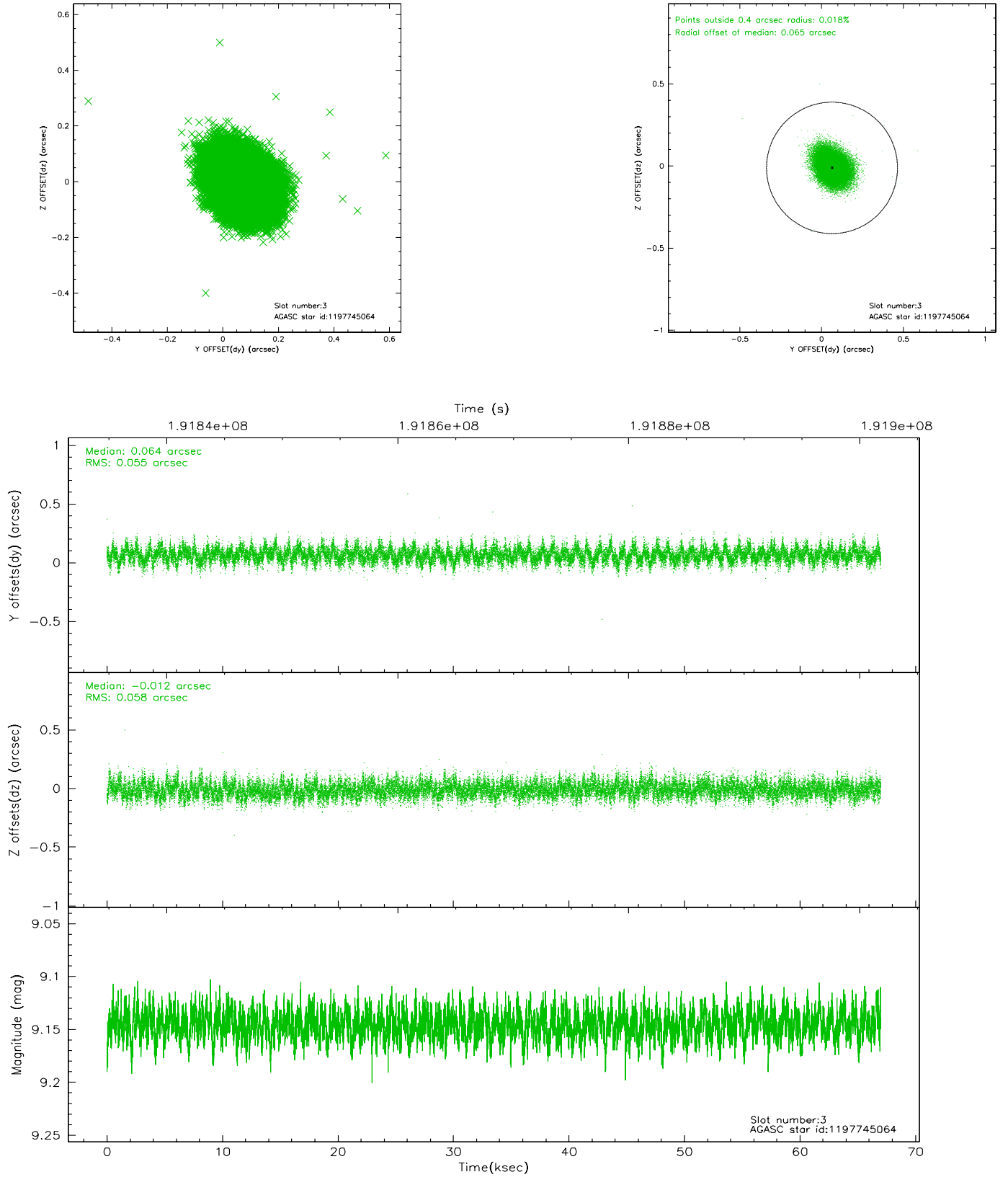


Slot Statistics

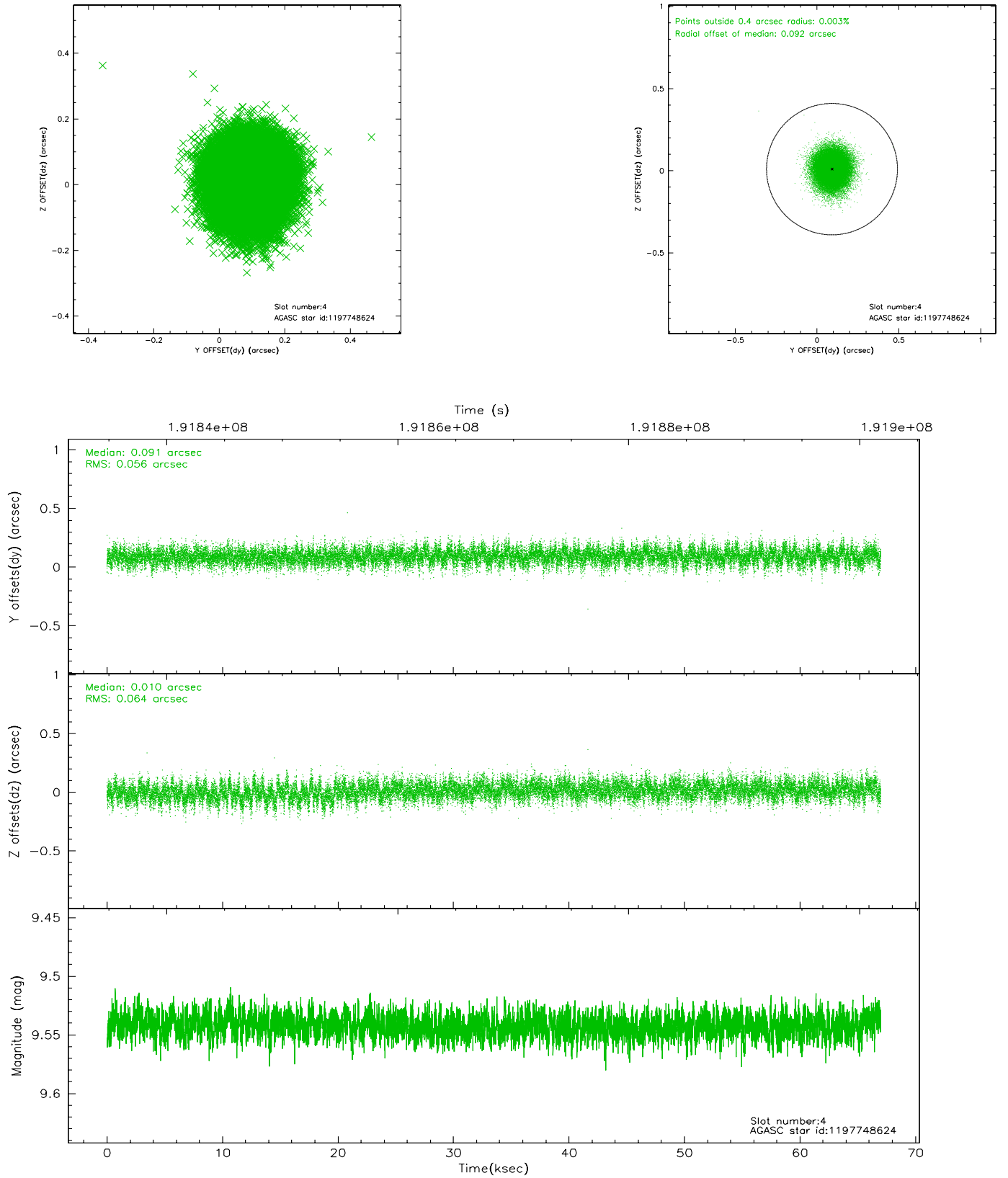
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	16344	-0.008	0.022	0.014	0.029	0.000000	0.000000	-761.26	-1732.05
1	FID	ACIS-S-4	7.20	16345	0.041	-0.002	0.010	0.026	0.000000	0.000000	2152.06	176.52
2	FID	ACIS-S-5	7.23	16345	-0.065	-0.010	0.009	0.018	0.000000	0.000000	-1814.26	170.05
3	GUIDE	1197745064	9.15	32674	0.064	-0.012	0.085	0.140	14.488483	-70.869346	573.70	-1414.16
4	GUIDE	1197748624	9.54	32676	0.091	0.010	0.090	0.147	14.991477	-70.268725	-1670.26	-1477.90
5	GUIDE	1197874240	9.41	32678	-0.027	0.275	0.083	0.135	17.264679	-70.473371	-1714.35	1367.98
6	GUIDE	1197875368	8.17	32682	-0.032	-0.131	0.071	0.110	17.140782	-70.666831	-1003.13	1402.98
7	GUIDE	1197877312	7.92	32684	-0.094	-0.140	0.083	0.128	16.362782	-70.933298	165.11	767.58

2.4 Star Slots

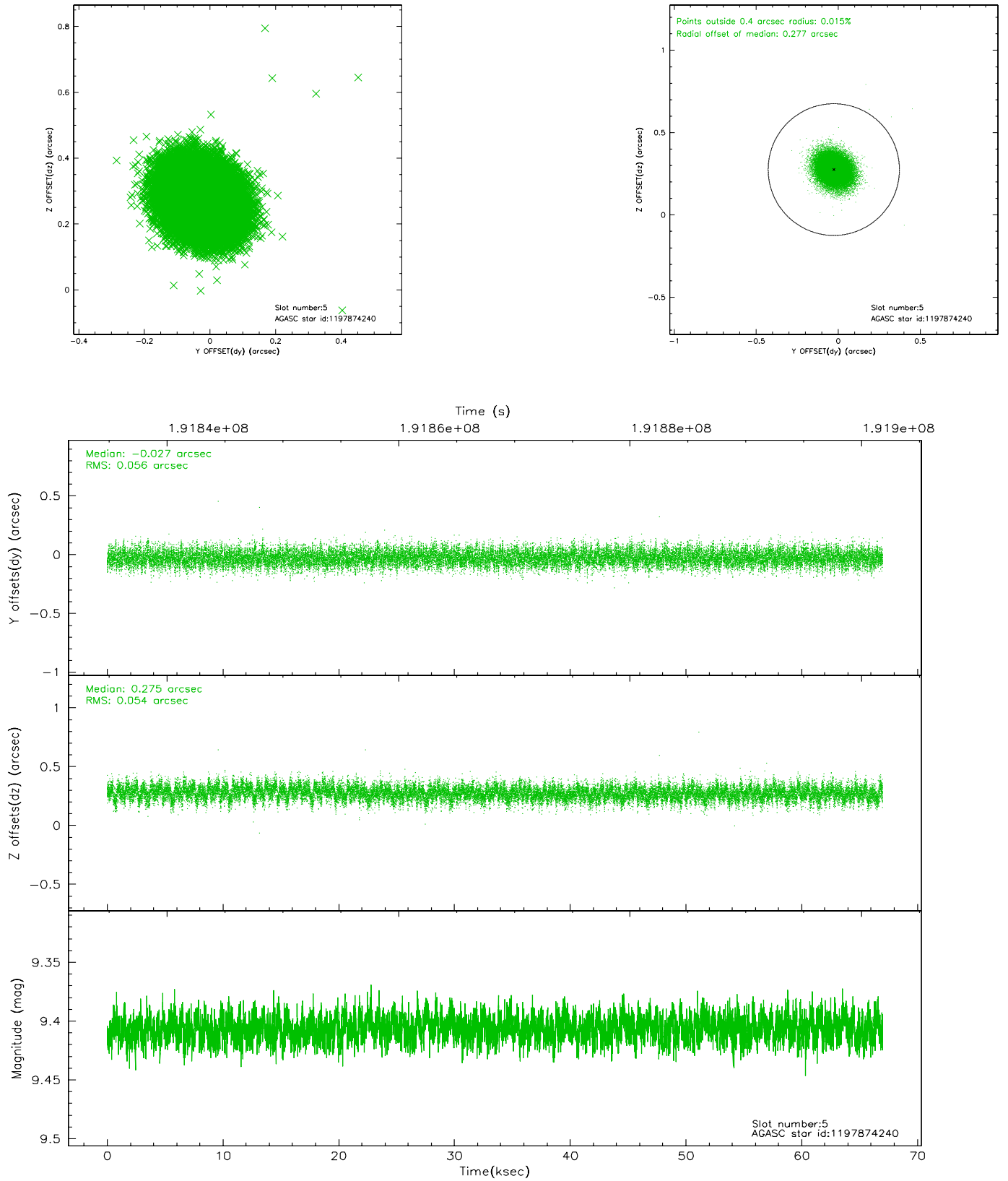
2.4.1 Slot 3



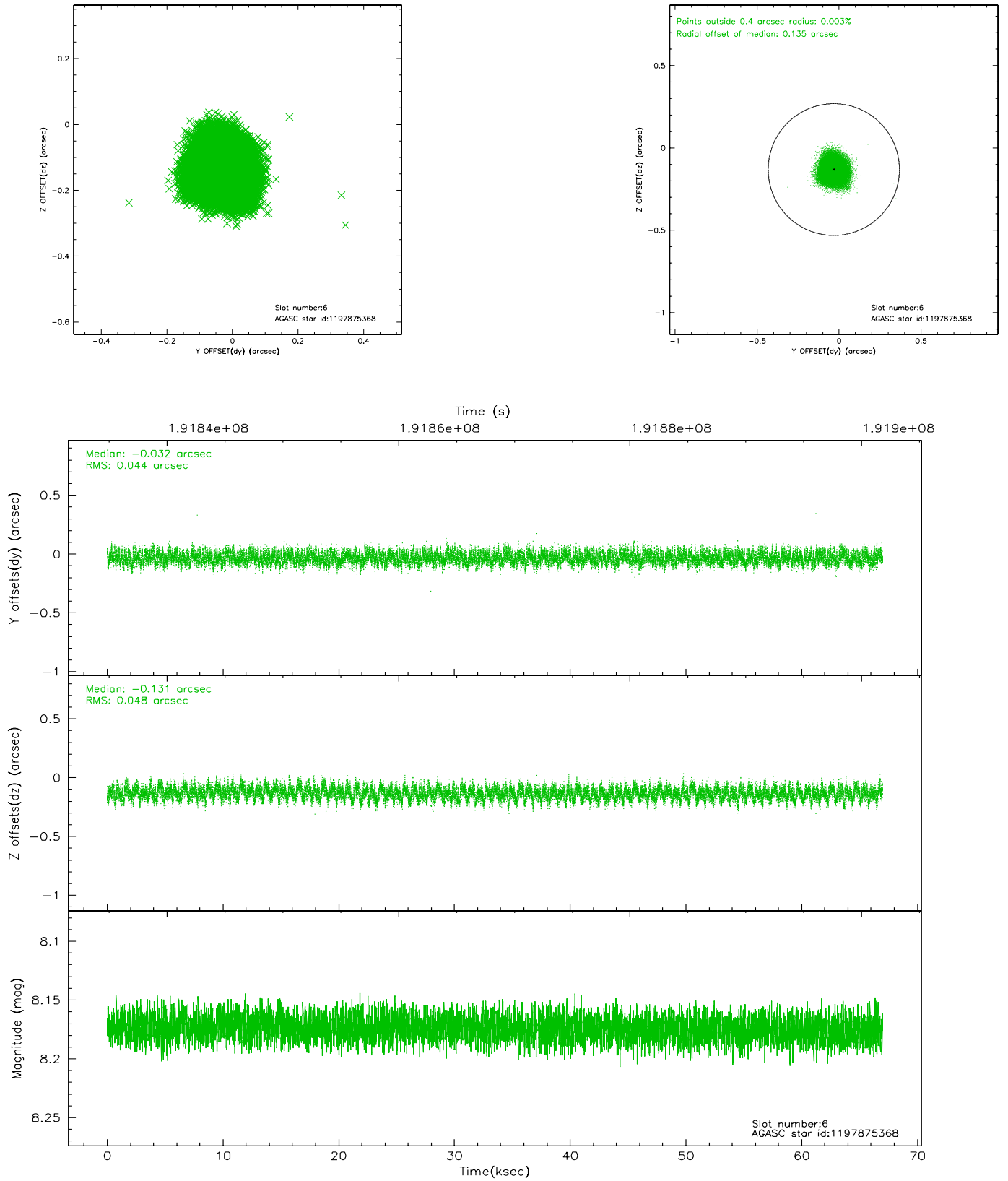
2.4.2 Slot 4



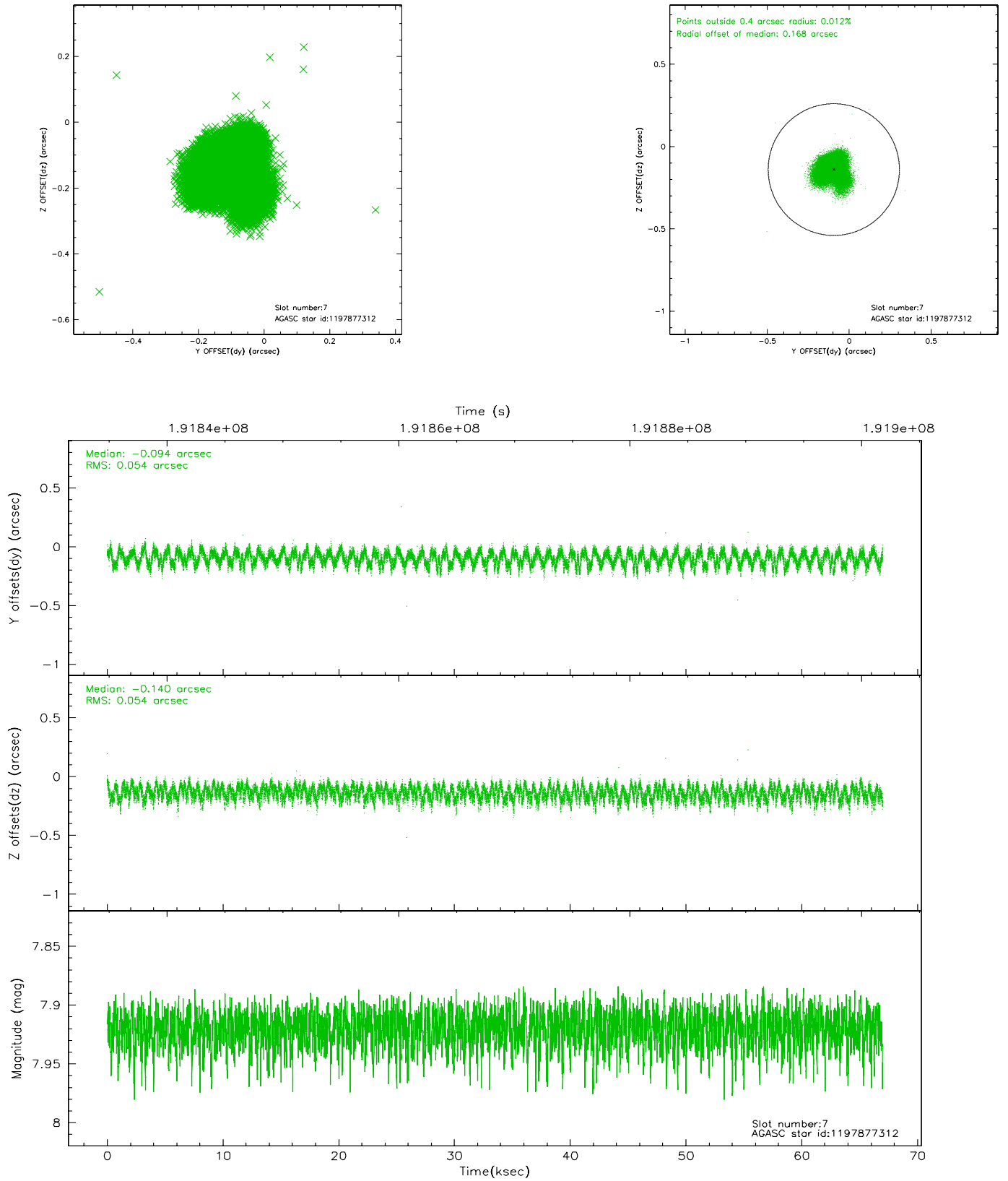
2.4.3 Slot 5



2.4.4 Slot 6

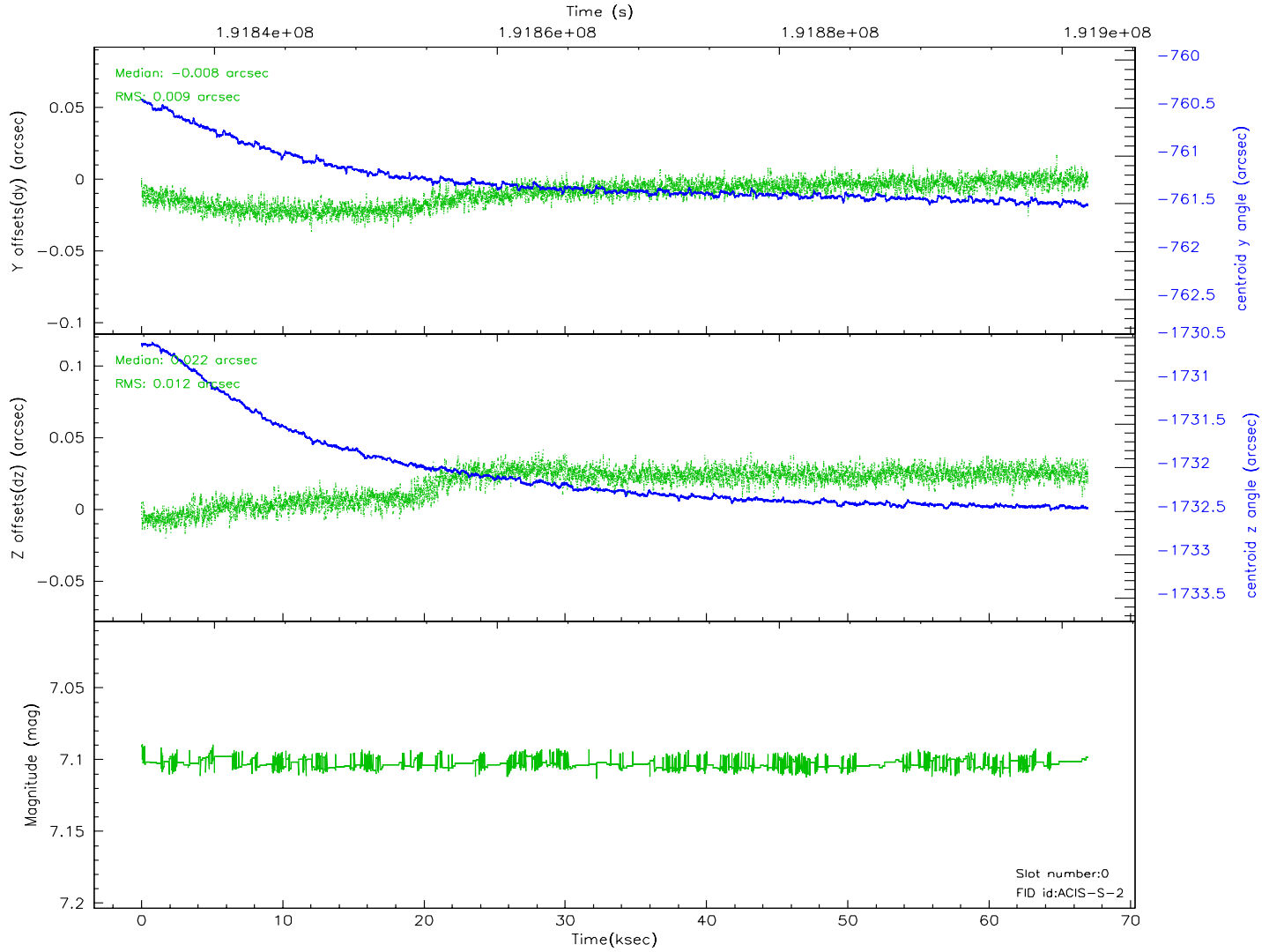
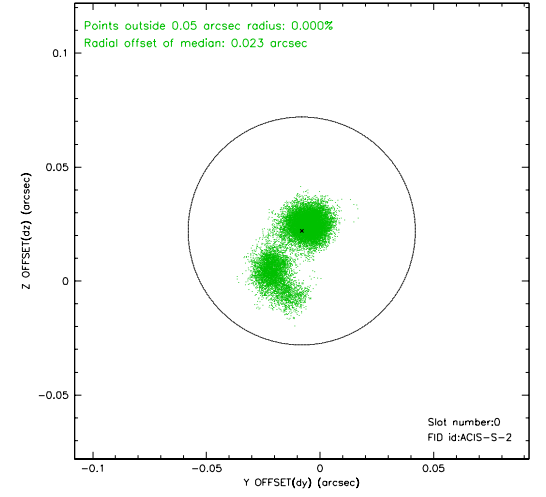
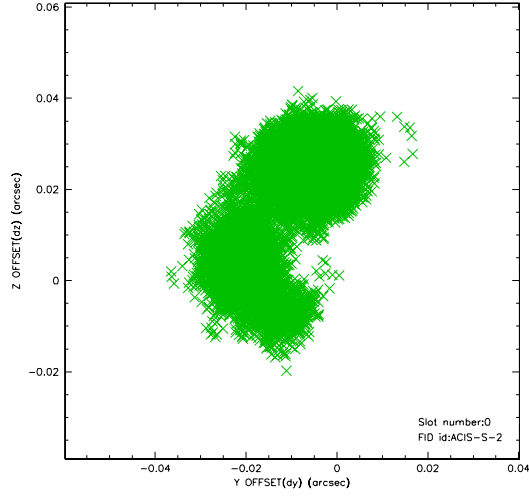


2.4.5 Slot 7

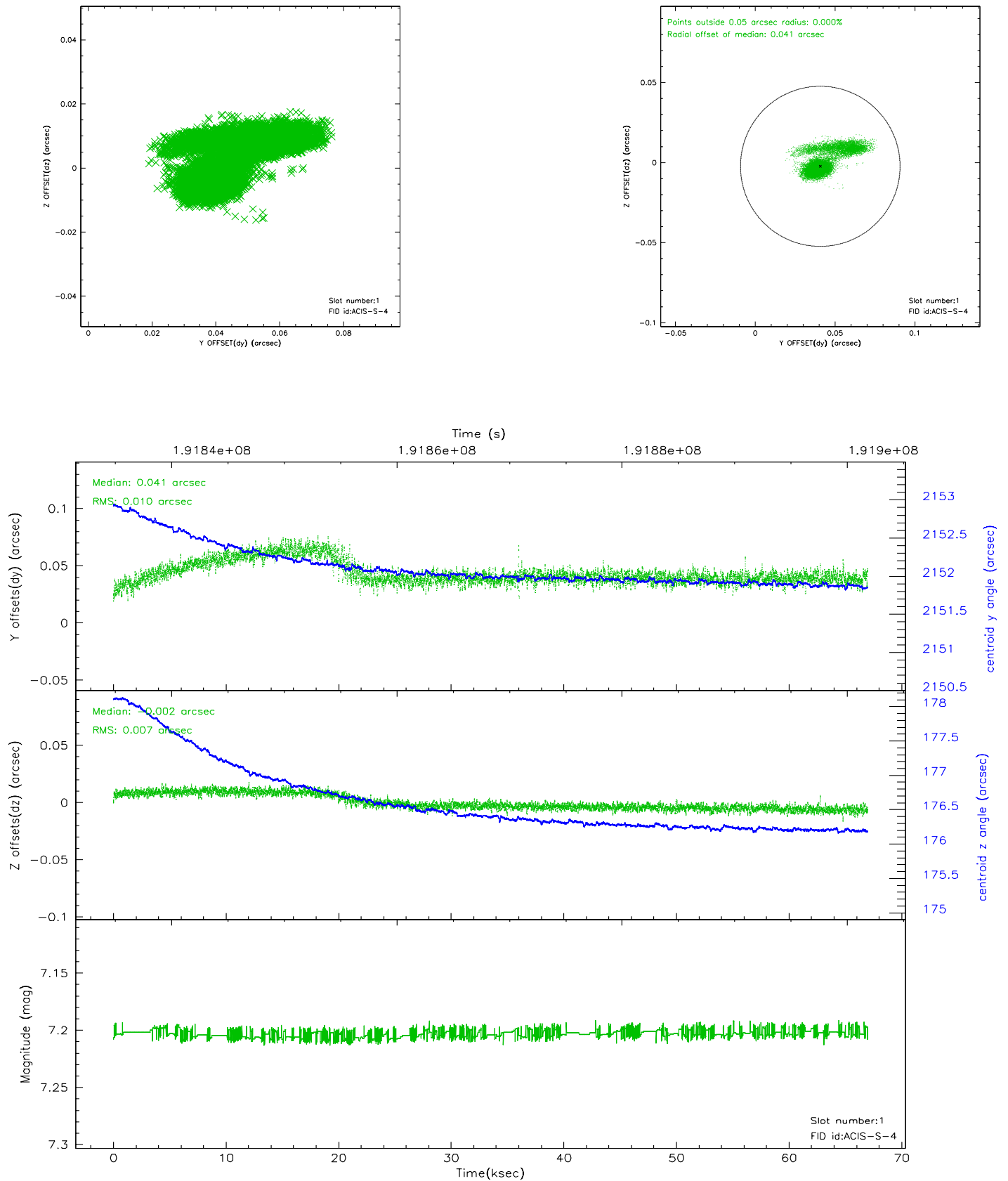


2.5 FID Slots

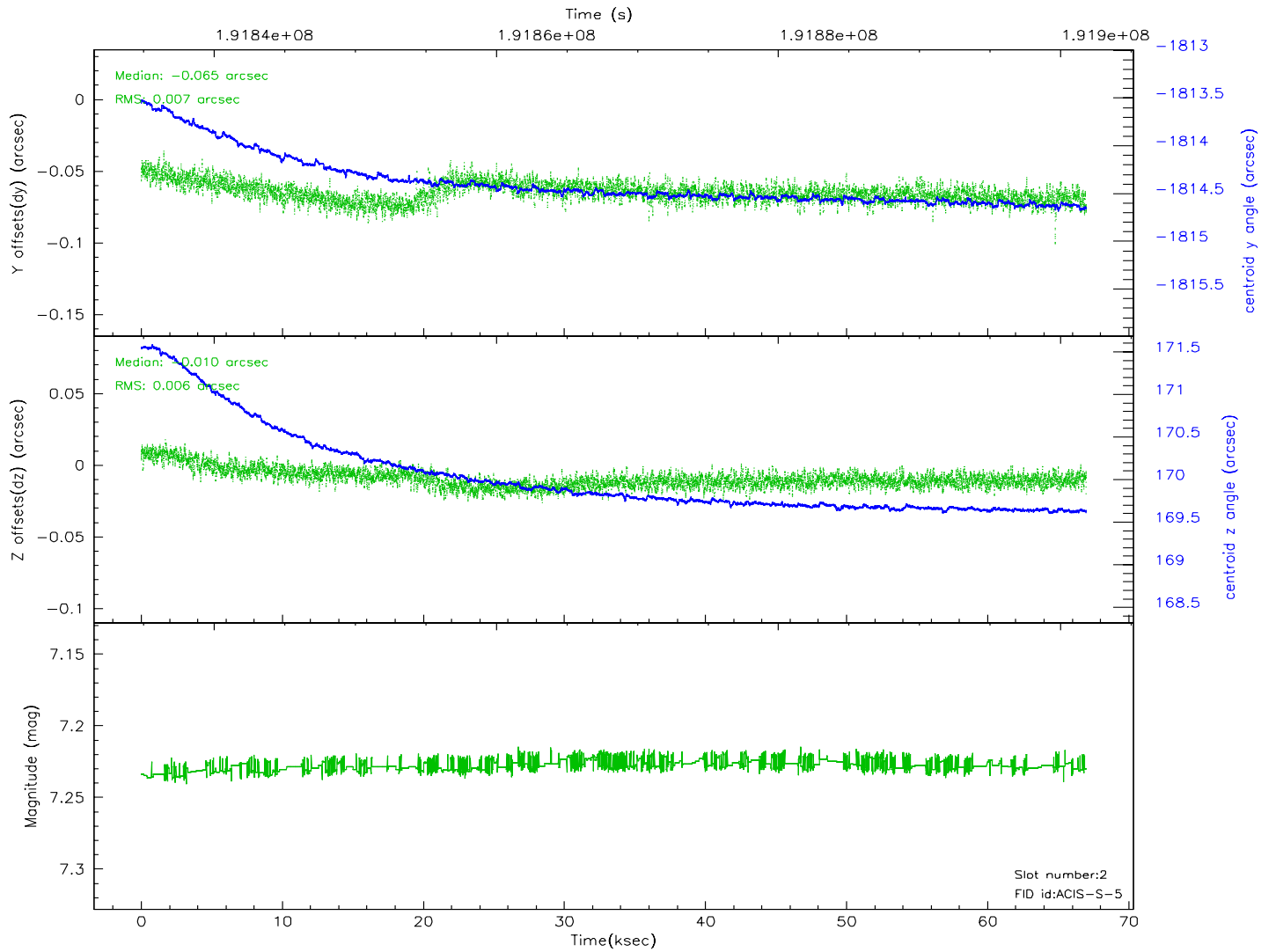
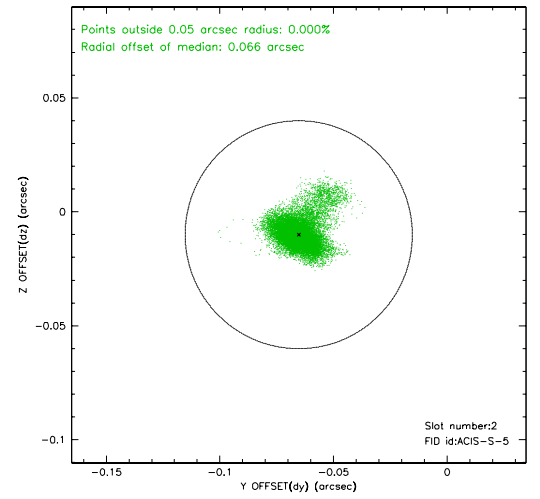
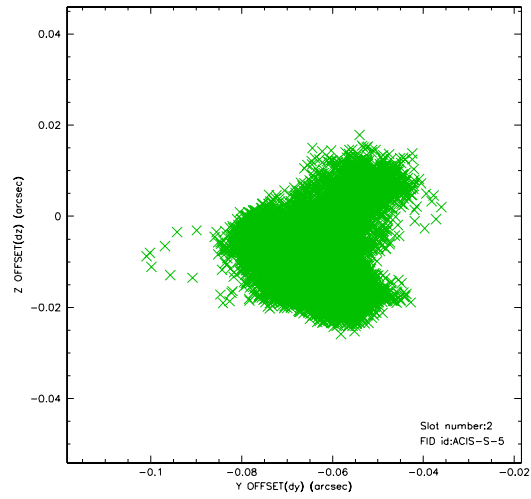
2.5.1 Slot 0



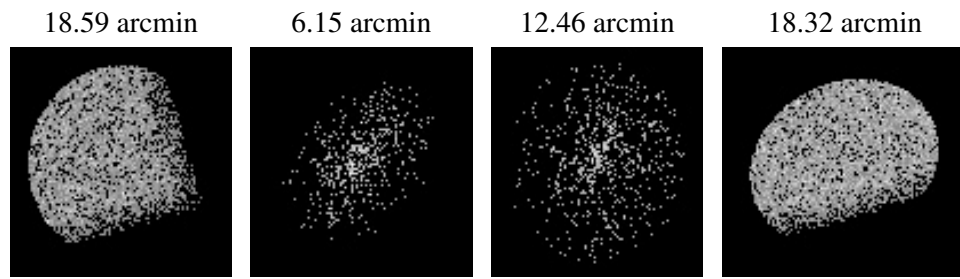
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	66.694

A.2 Comments