

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4008 - L2 Version 001
Chandra X-Ray Center

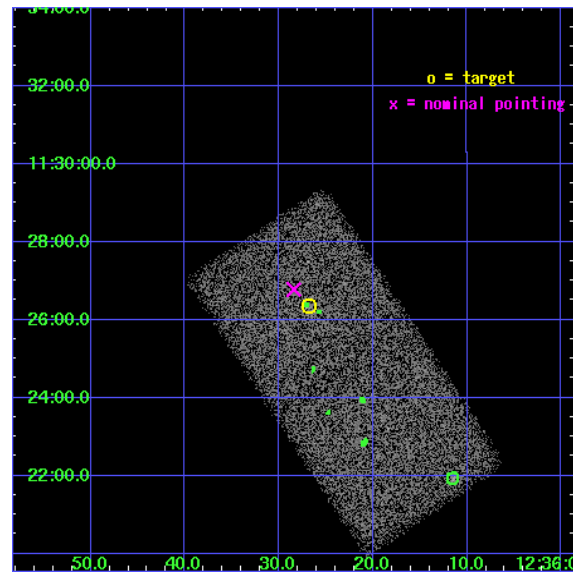
L2 Processing Date : Jun 26 2006

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1 Front

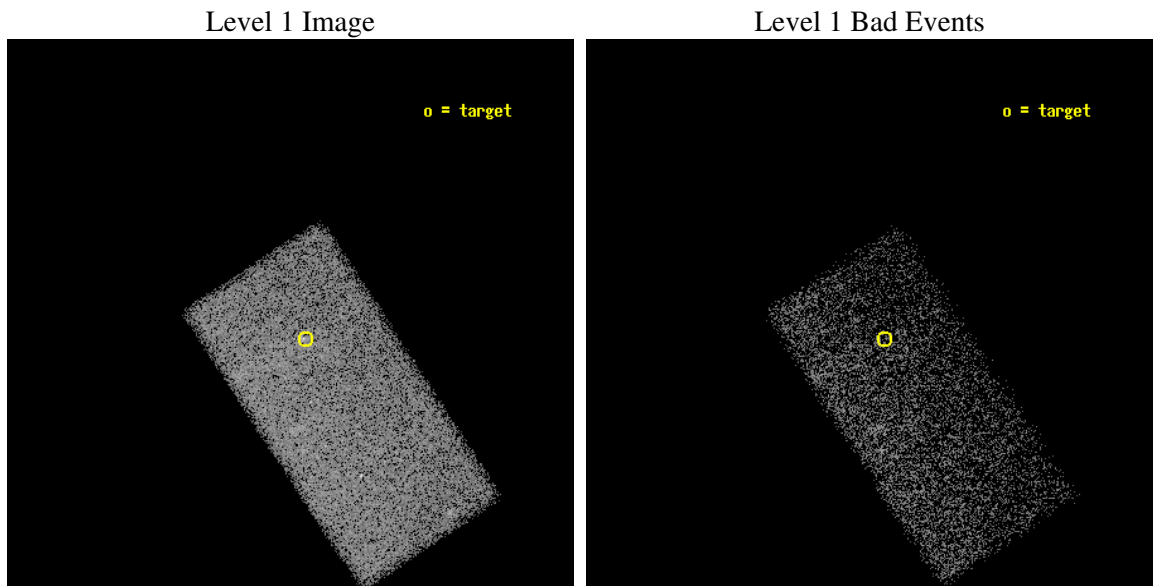
seq_num	700687
obs_id	4008
title	QUIESCENT SUPERMASSIVE BLACK HOLES
observer	Dr Giuseppina Fabbiano
object	NGC 4564
dtcycle	0
cycle	P
ra_targ	189.111667
dec_targ	11.439167
ra_nom	189.11843793278
dec_nom	11.446184960883
roll_nom	56.645259321148
revision	2
ontime	18349.5
livetime	17860.827752686
ontime7	18349.5
l2events	31521



2 OBI

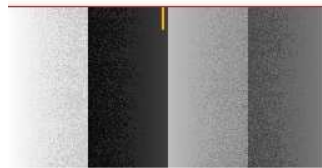
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T16:56:40
revision	2

sched_exp_time	18500.000000
ontime	18352.016355306
ontime7	18352.016355306
l1events	72386

2.1.4 Events

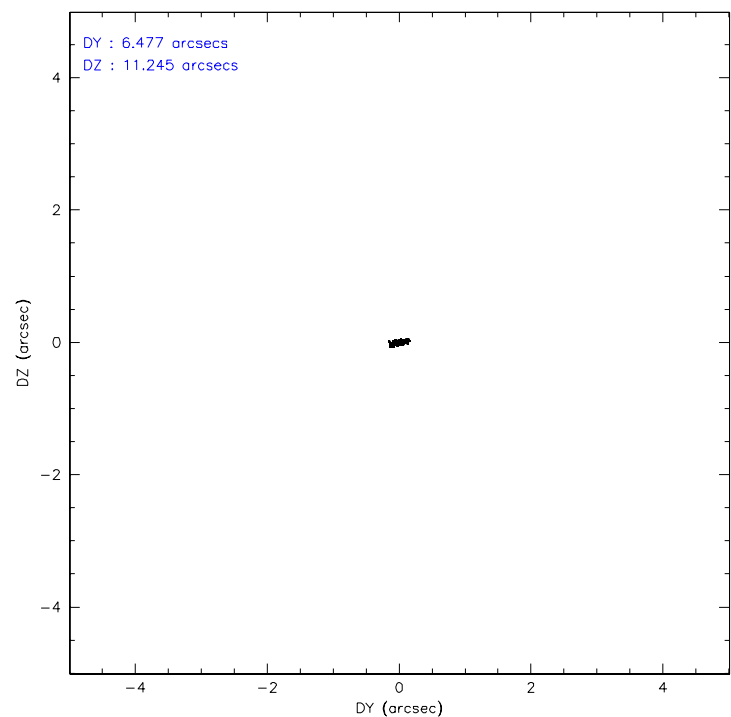
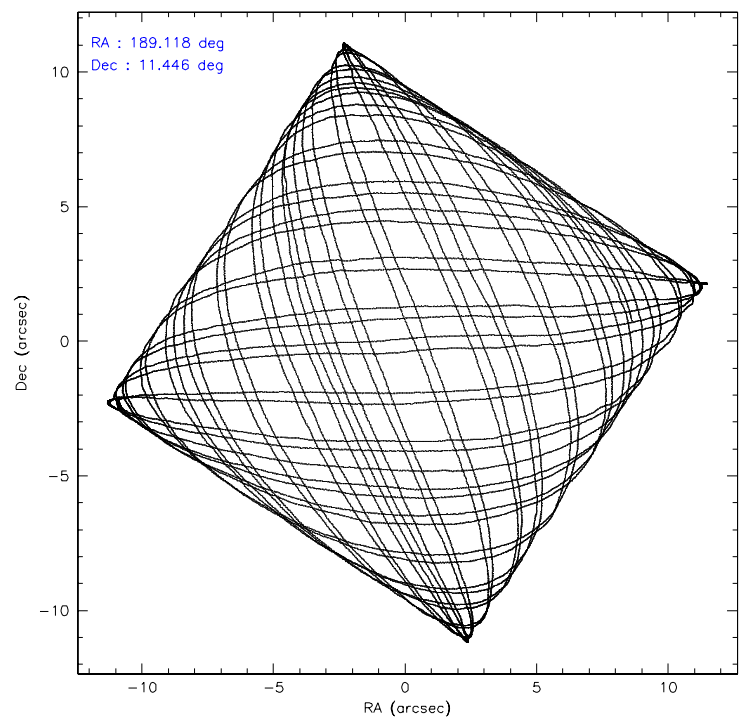
	ccd 7
level 1 events	72386
rejected events	40061
rejected %	55%

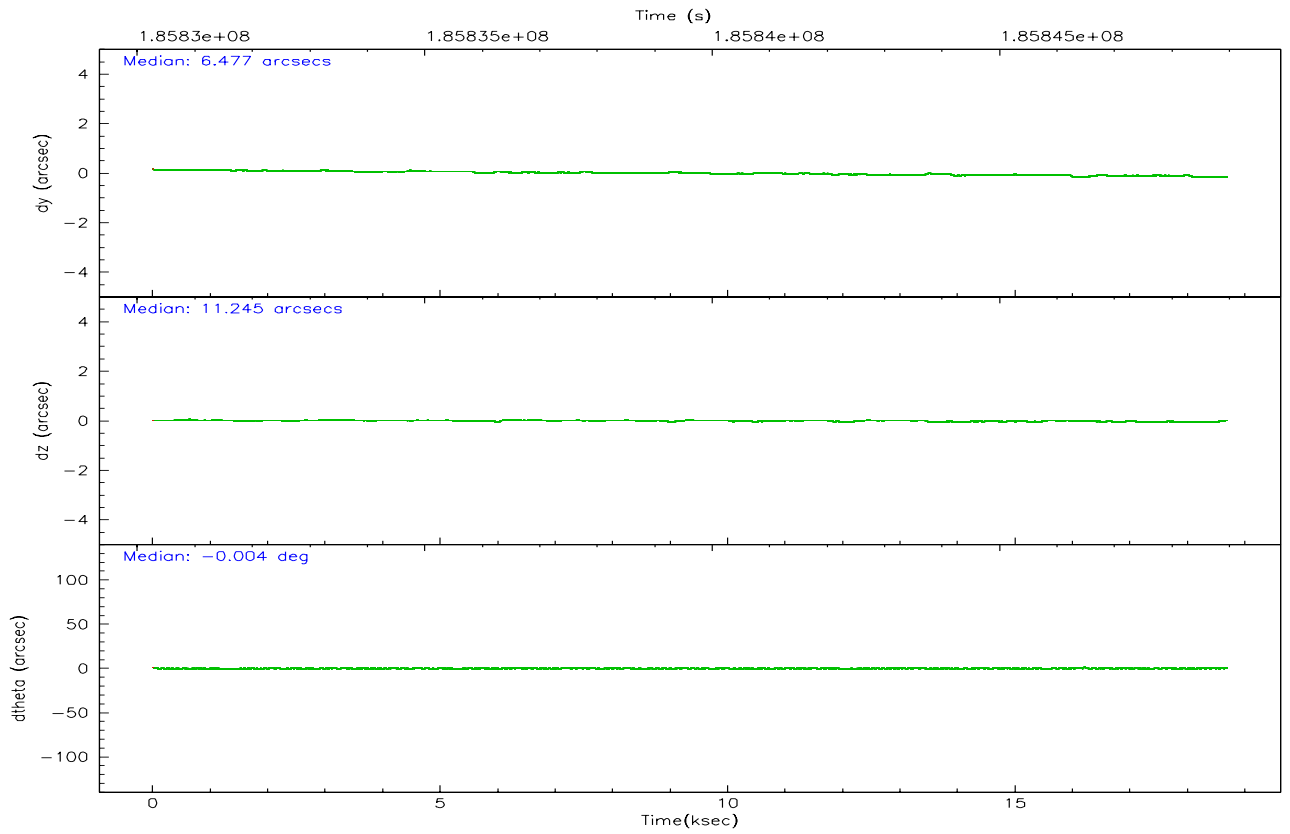
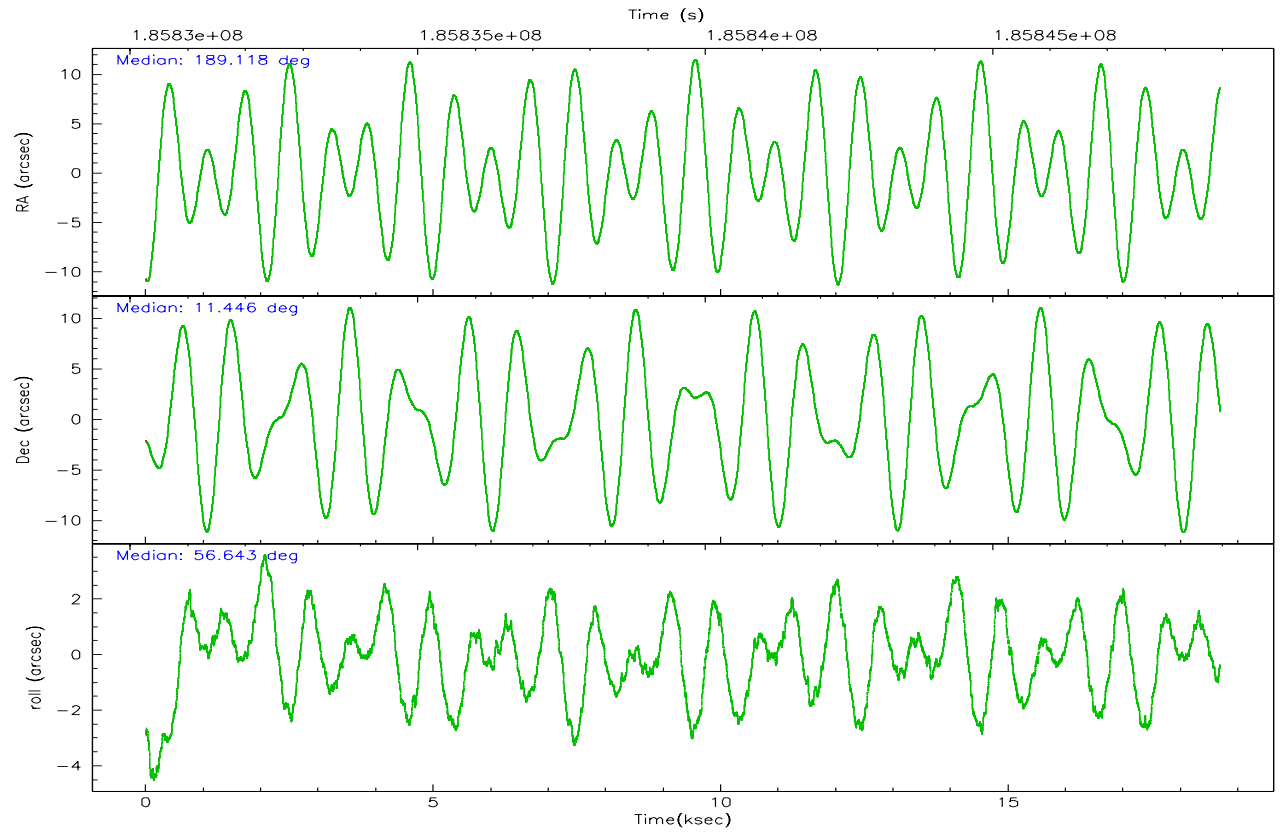
	ccd 7
grade 0 events	2898
	4%
grade 1 events	82
	0%
grade 2 events	8276
	11%
grade 3 events	2226
	3%
grade 4 events	2137
	2%
grade 5 events	4474
	6%
grade 6 events	16790
	23%
grade 7 events	35503
	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/2	1/2
Pointing RA	189.117202	189.1184379327802	Subarray start row	0	257
Pointing Dec	11.418978	11.44618496088282	Subarray row count	1024	512
Pointing Roll	56.488885	56.64525932114826	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.5
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	185830467.184000	185830057.75972			
Observation start date	2003-11-21T19:33:23	2003-11-21T19:27:37			
Observation end time	185848967.184000	185849201.17305			
Observation end date	2003-11-22T00:41:43	2003-11-22T00:46:41			
Read mode	TIMED	TIMED			

2.3 Aspect



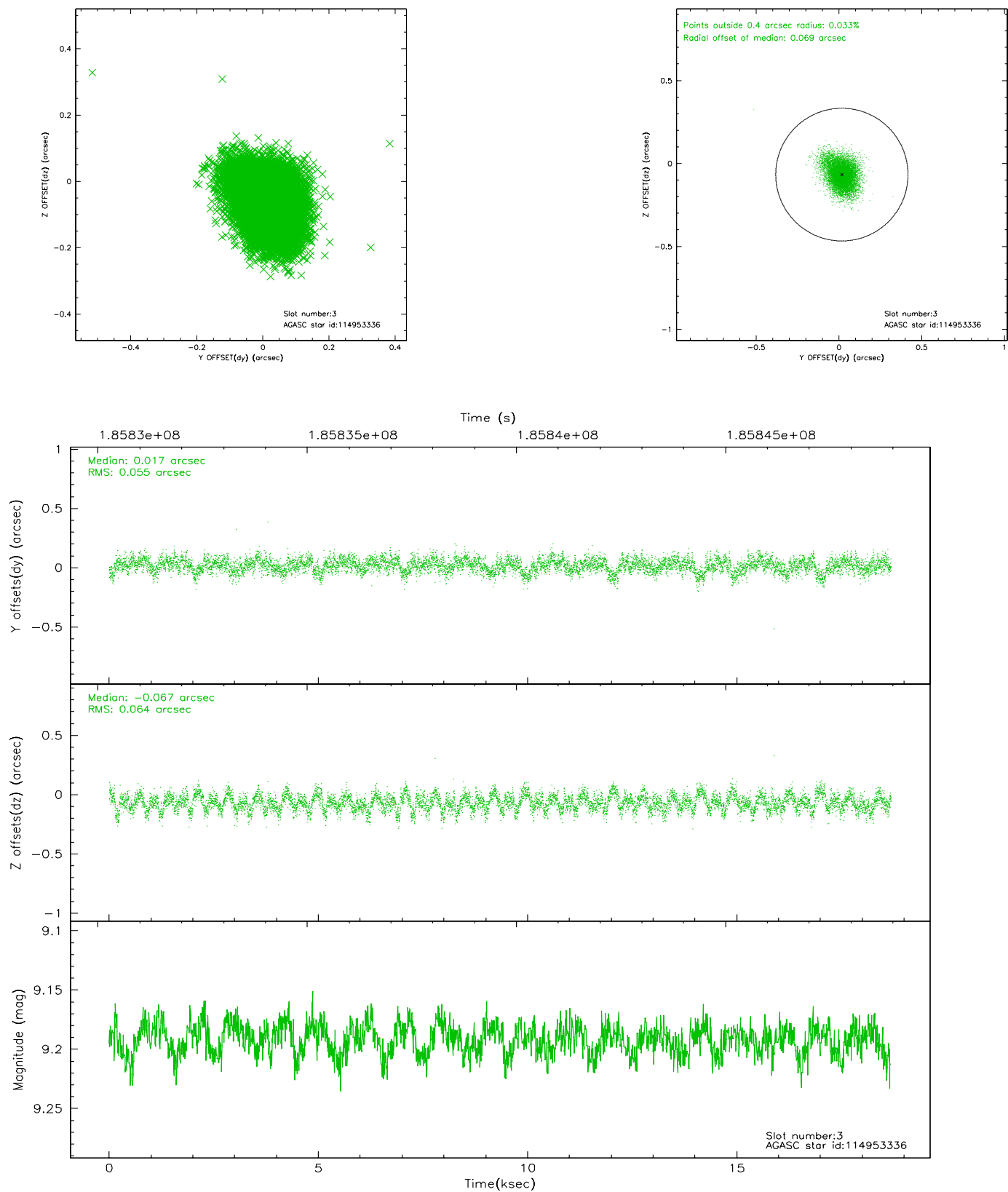


Slot Statistics

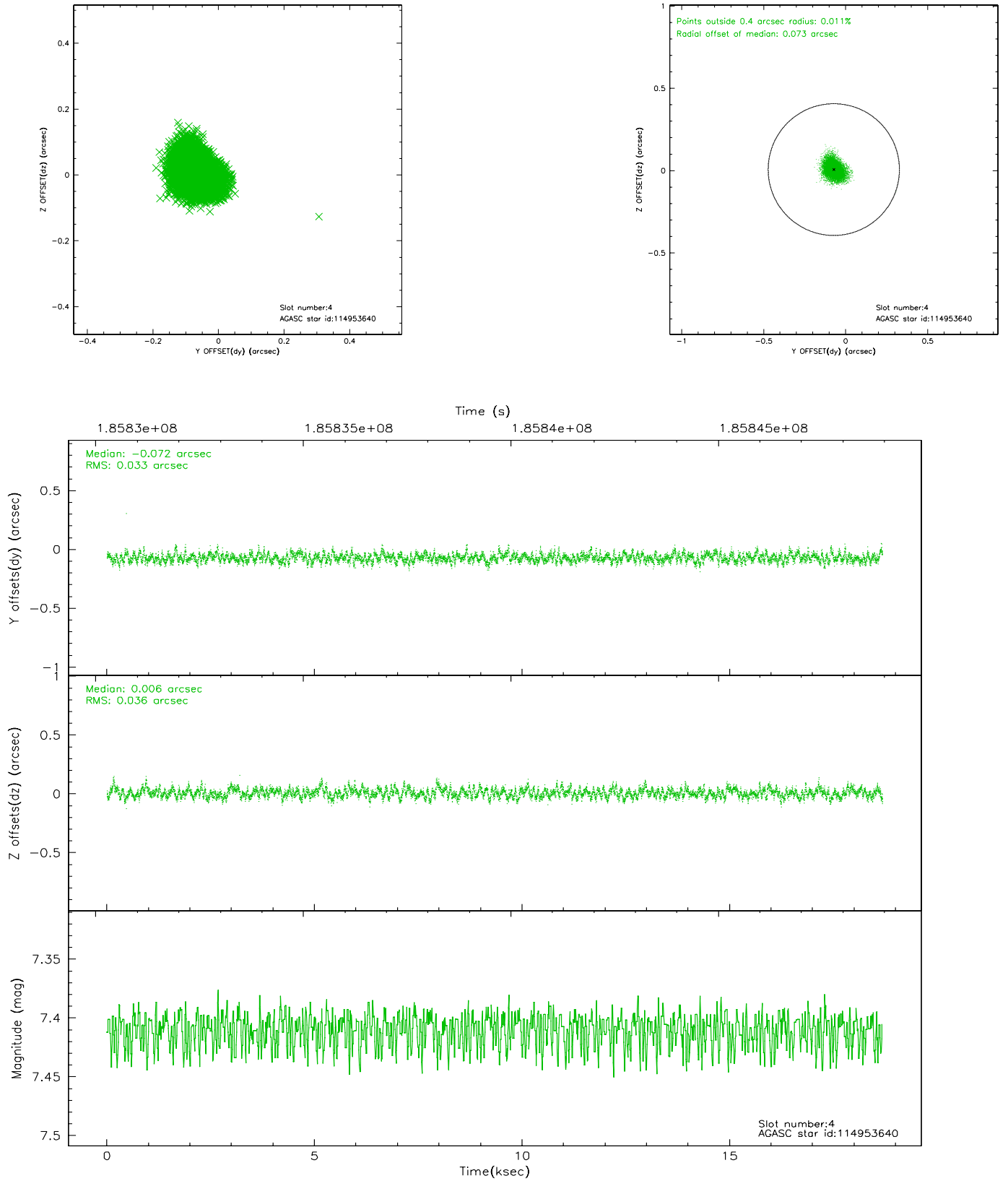
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4557	-0.037	0.008	0.007	0.011	0.000000	0.000000	-759.24	-1732.52
1	FID	ACIS-S-4	7.20	4556	0.014	0.016	0.005	0.009	0.000000	0.000000	2153.98	175.77
2	FID	ACIS-S-5	7.23	4556	-0.008	-0.015	0.006	0.011	0.000000	0.000000	-1811.79	169.62
3	GUIDE	114953336	9.19	9110	0.017	-0.067	0.089	0.148	188.911176	11.326132	-679.94	422.01
4	GUIDE	114953640	7.41	9114	-0.072	0.006	0.052	0.085	188.794711	11.547726	-241.18	1204.82
5	GUIDE	114955592	8.11	9112	-0.014	-0.059	0.059	0.100	188.657433	11.300977	-1249.23	1119.59
6	GUIDE	115085264	7.89	9113	-0.134	-0.075	0.052	0.084	189.302301	11.817775	1557.12	249.15
7	GUIDE	115089856	8.81	9107	0.199	0.194	0.062	0.099	189.118504	10.729832	-2065.54	-1373.50

2.4 Star Slots

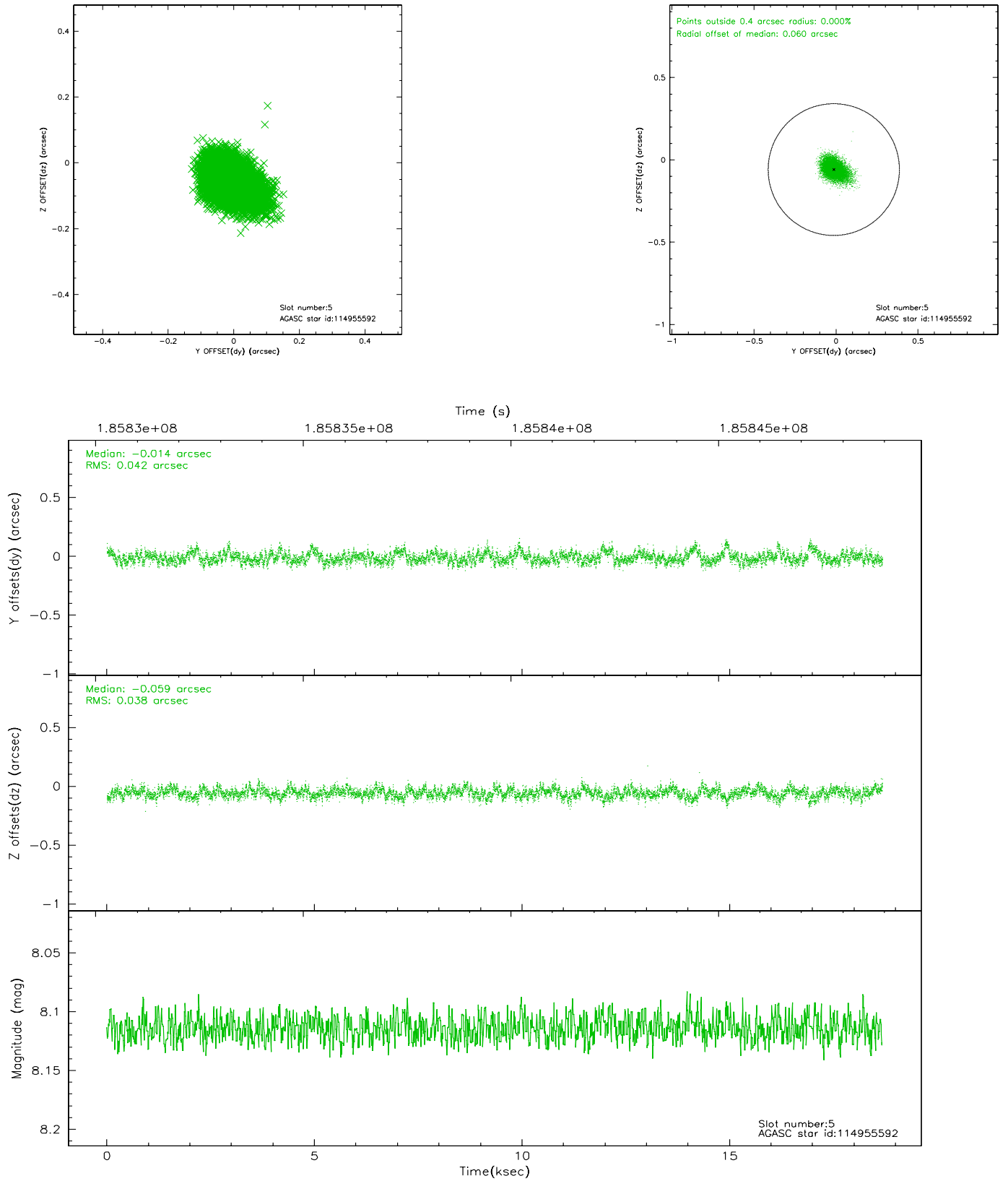
2.4.1 Slot 3



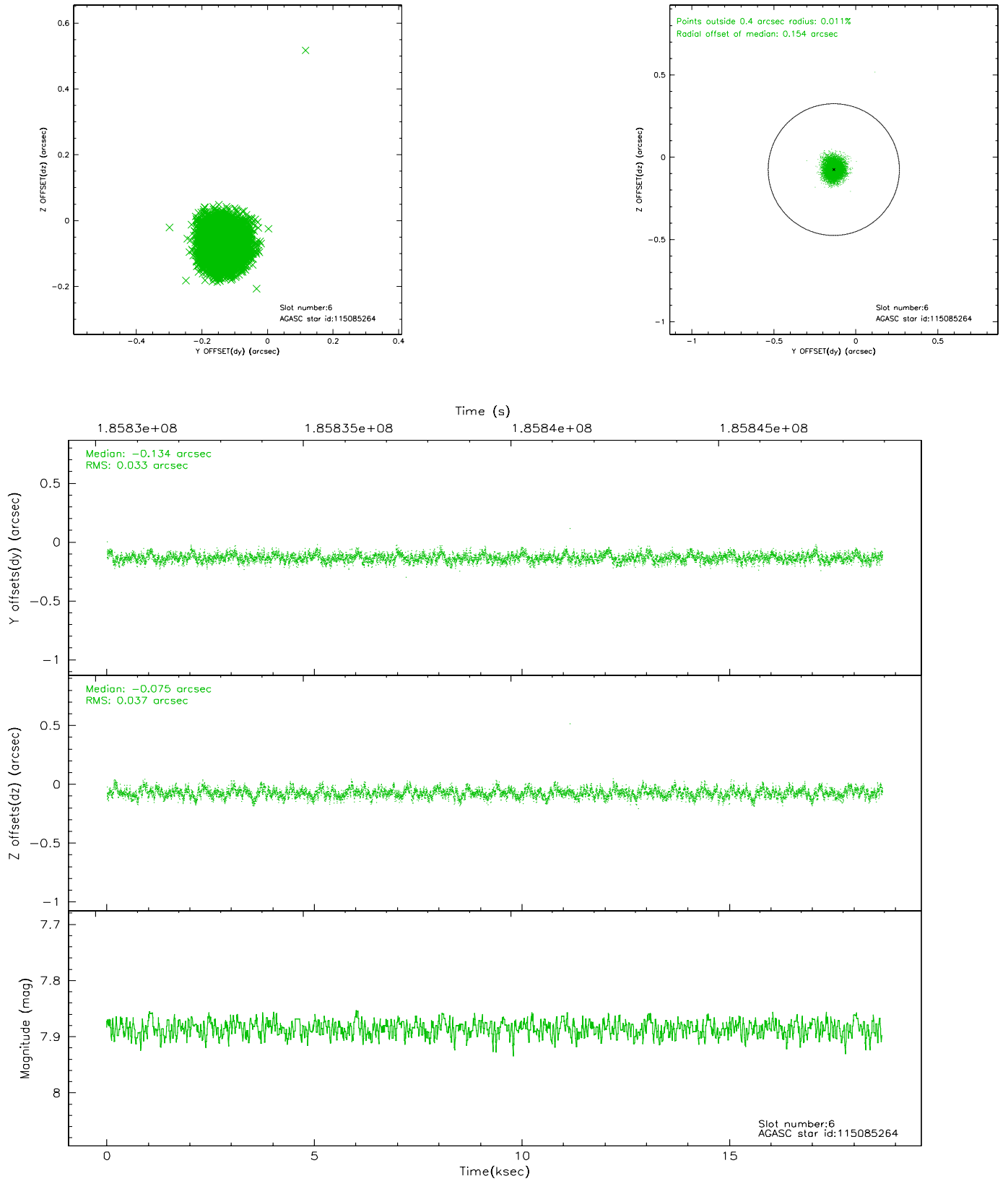
2.4.2 Slot 4



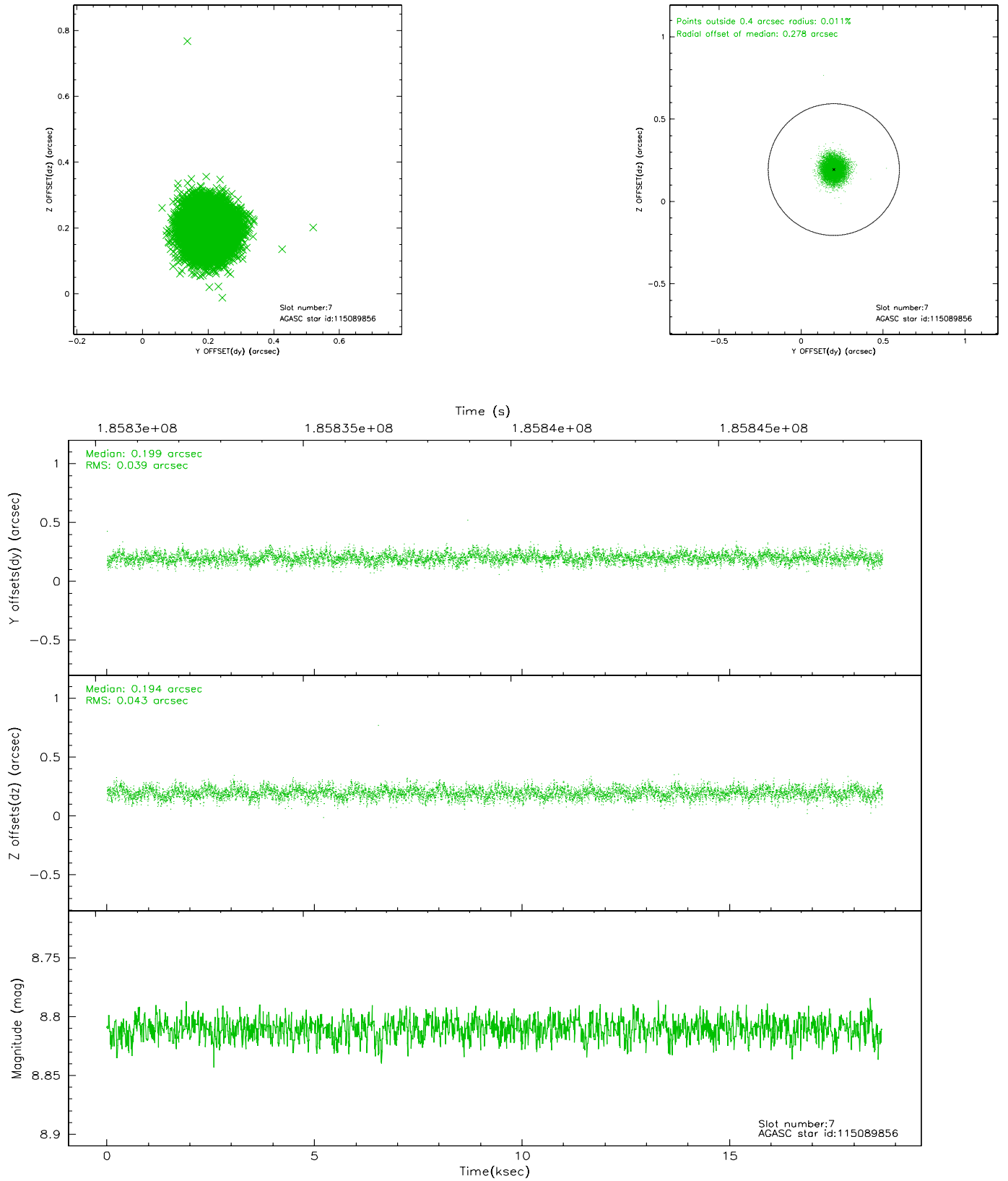
2.4.3 Slot 5



2.4.4 Slot 6

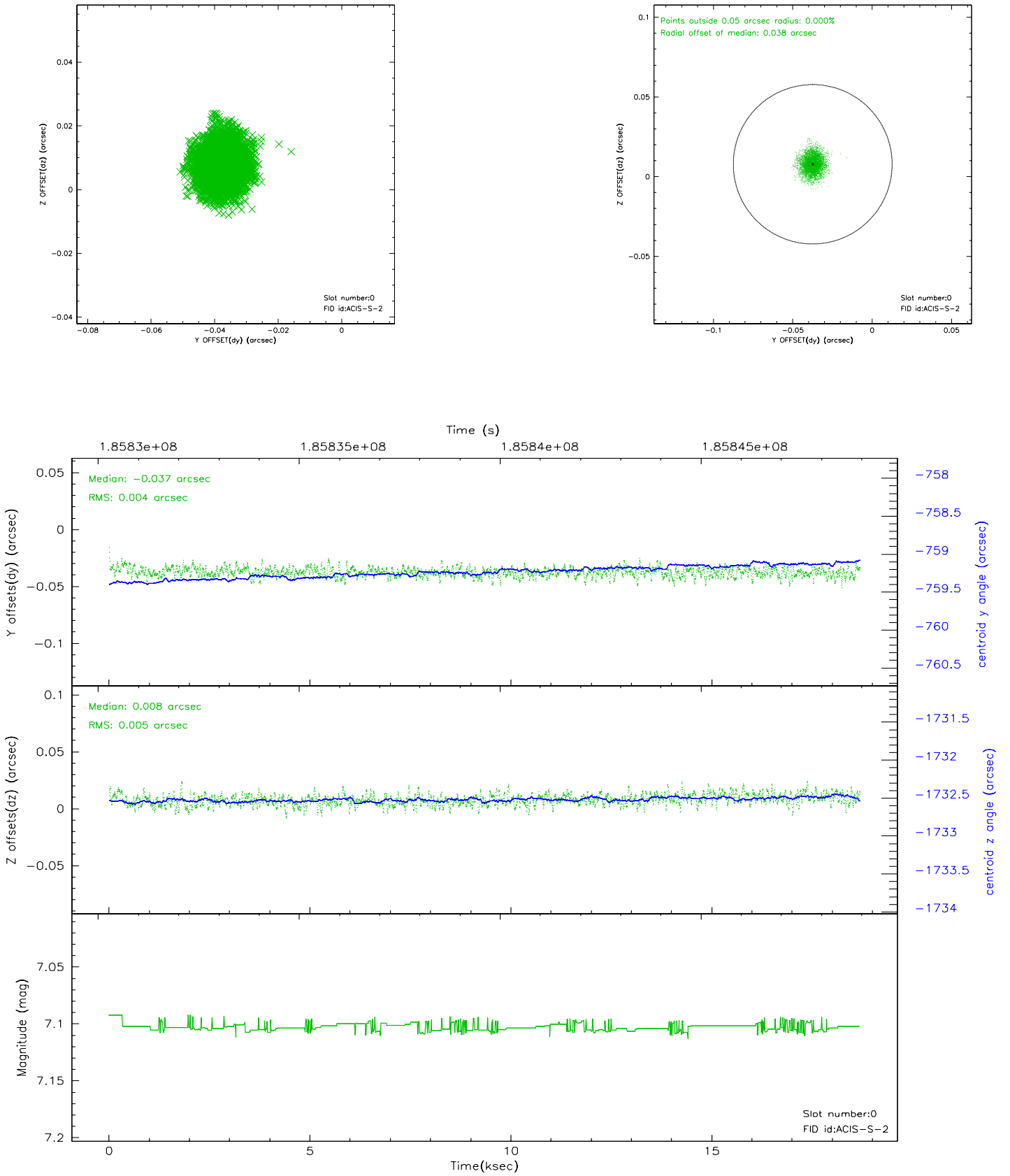


2.4.5 Slot 7

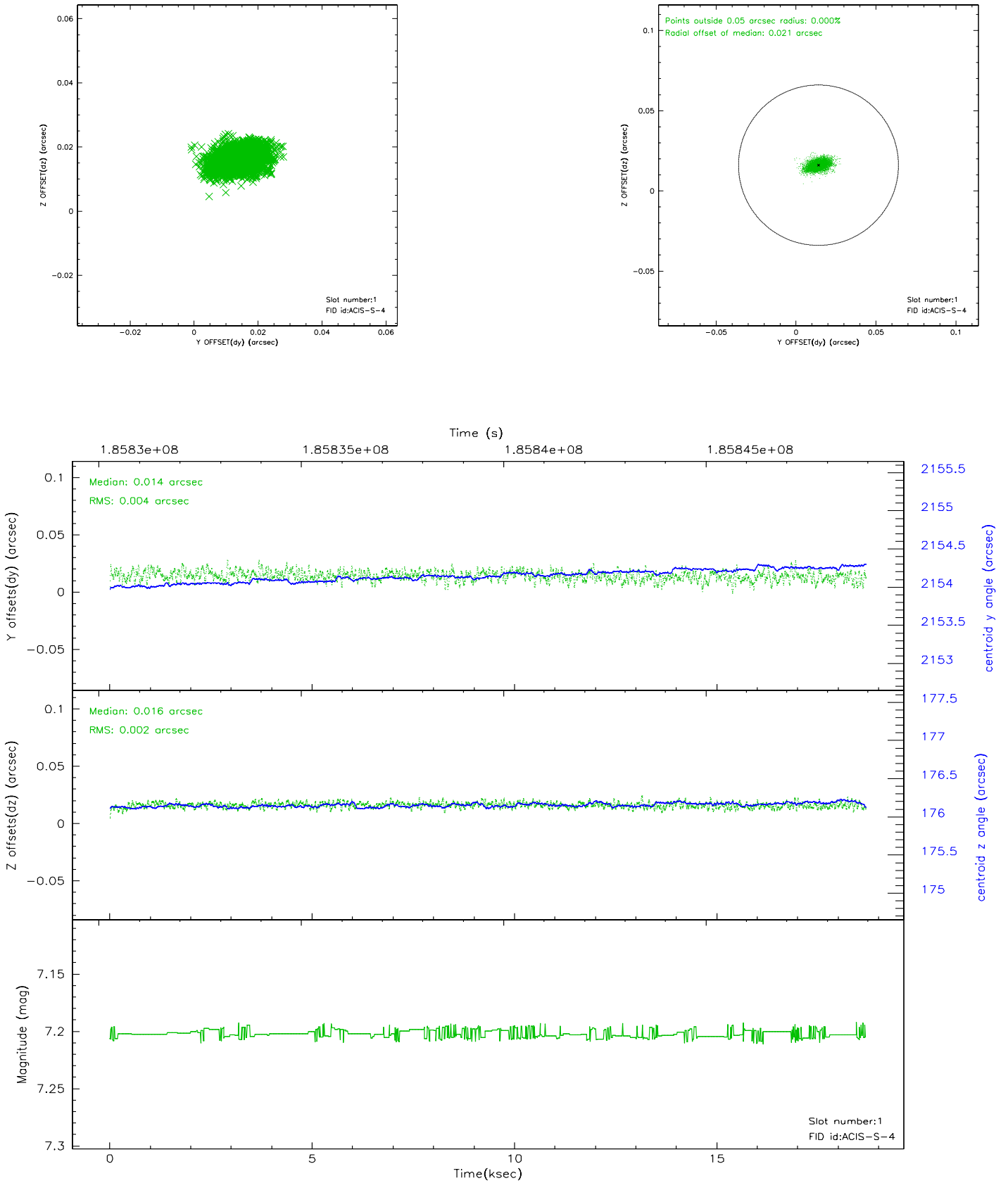


2.5 FID Slots

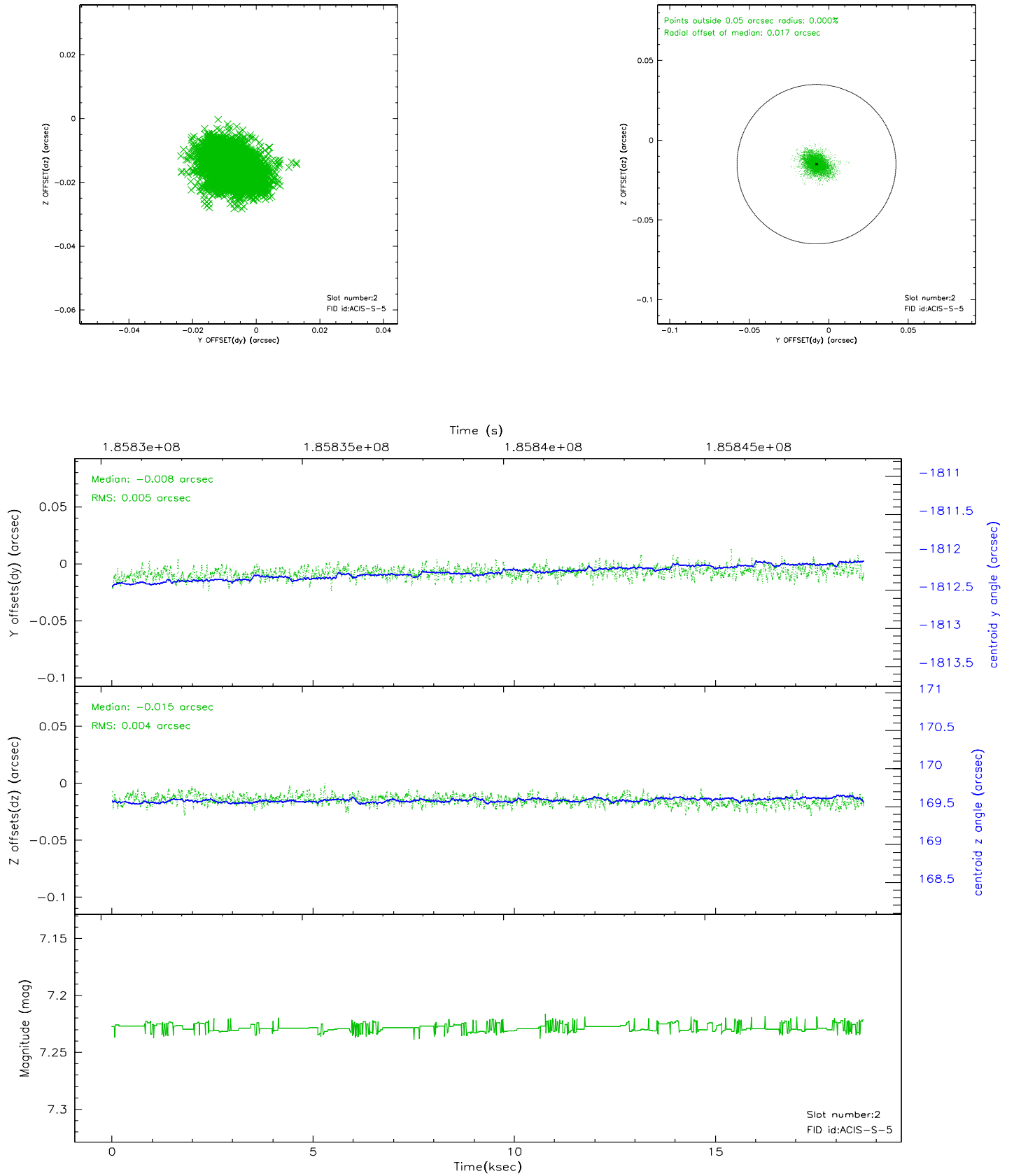
2.5.1 Slot 0



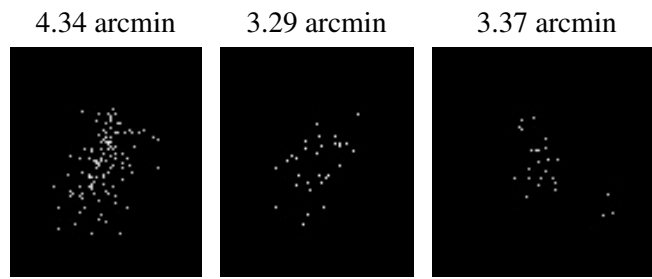
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.351

A.2 Comments