

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5193 - L2 Version 001
Chandra X-Ray Center

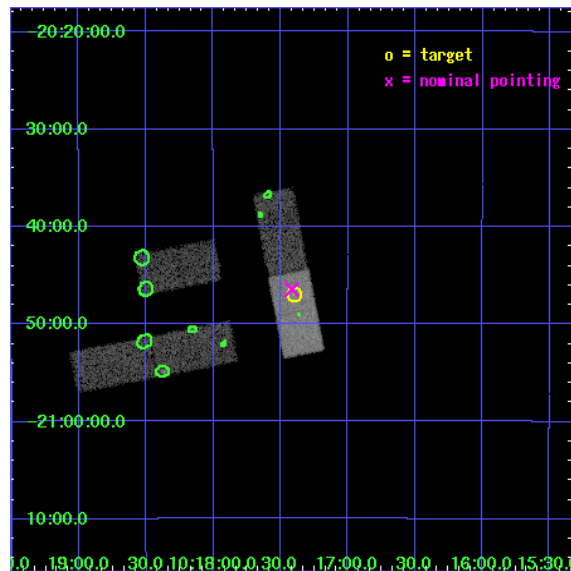
L2 Processing Date : Jun 30 2006

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1 Front

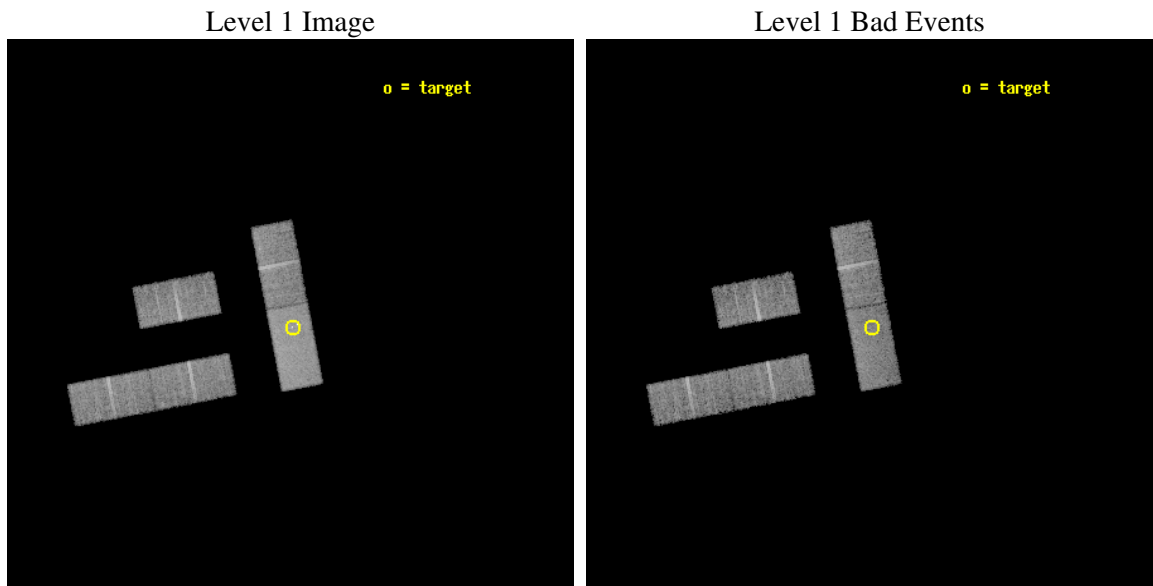
seq_num	701007
obs_id	5193
title	Alternate - A STUDY OF QUASAR EVOLUTION WITH THE AID OF LENSING
observer	Professor Gordon Garmire
object	Q1017-207
dtcycle	0
cycle	P
ra_targ	154.350417
dec_targ	-20.783444
ra_nom	154.35412782619
dec_nom	-20.774439668546
roll_nom	79.079871164335
revision	2
ontime	15005.899894774
livetime	14652.17905454
ontime1	15005.899894774
ontime2	15004.158884645
ontime3	15005.899894774
ontime6	15005.899894774
ontime7	15005.899894774
l2events	51254



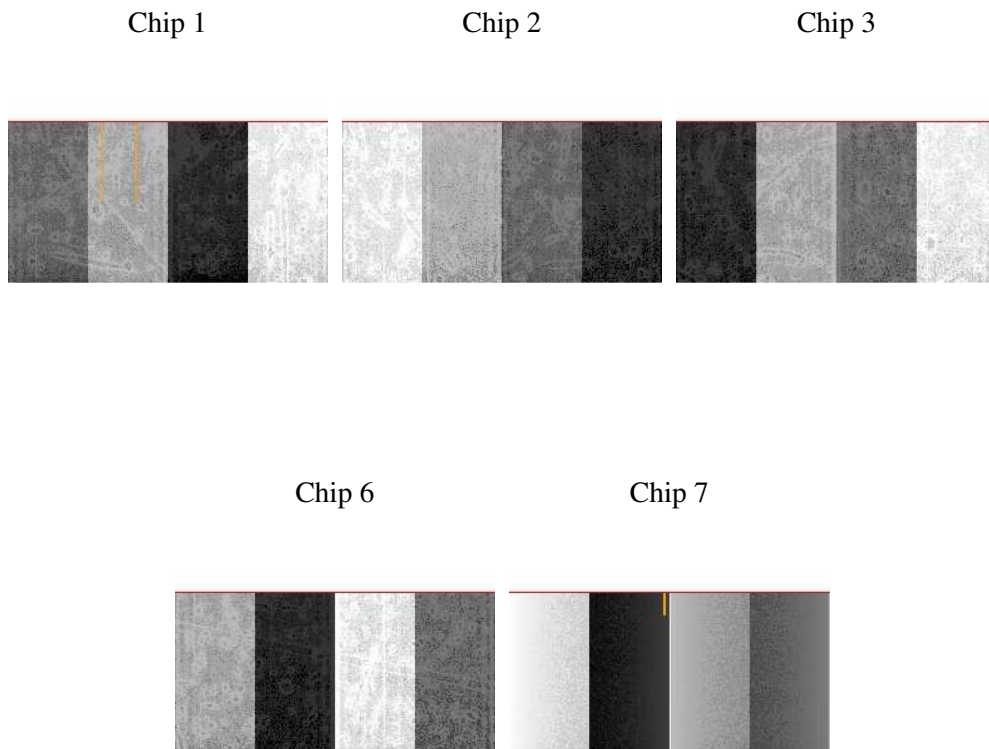
2 OBI

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	2006-06-30T12:40:49
revision	2

sched_exp_time	14800.000000
ontime	15284.402572632
ontime1	15284.402572632
ontime2	15282.661562502
ontime3	15284.402572632
ontime6	15284.402572632
ontime7	15284.402572632
l1events	256875

2.1.4 Events

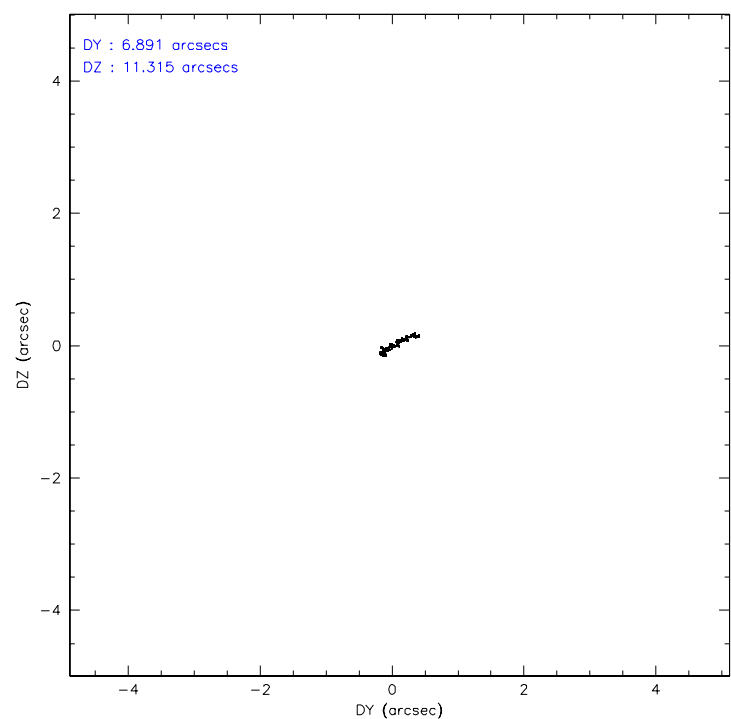
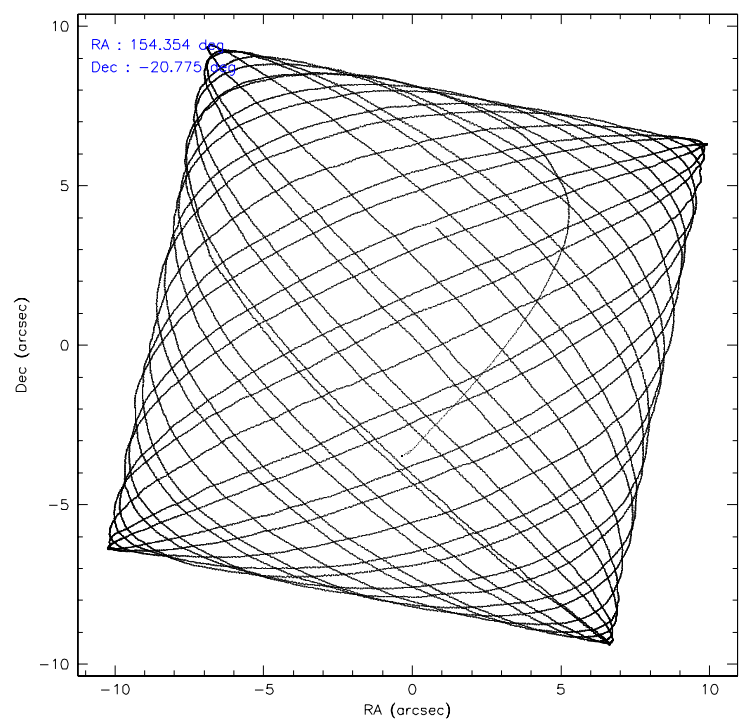
	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	46191	46229	46373	48896	69186
rejected events	39829	40254	40104	42173	38935
rejected %	86%	87%	86%	86%	56%

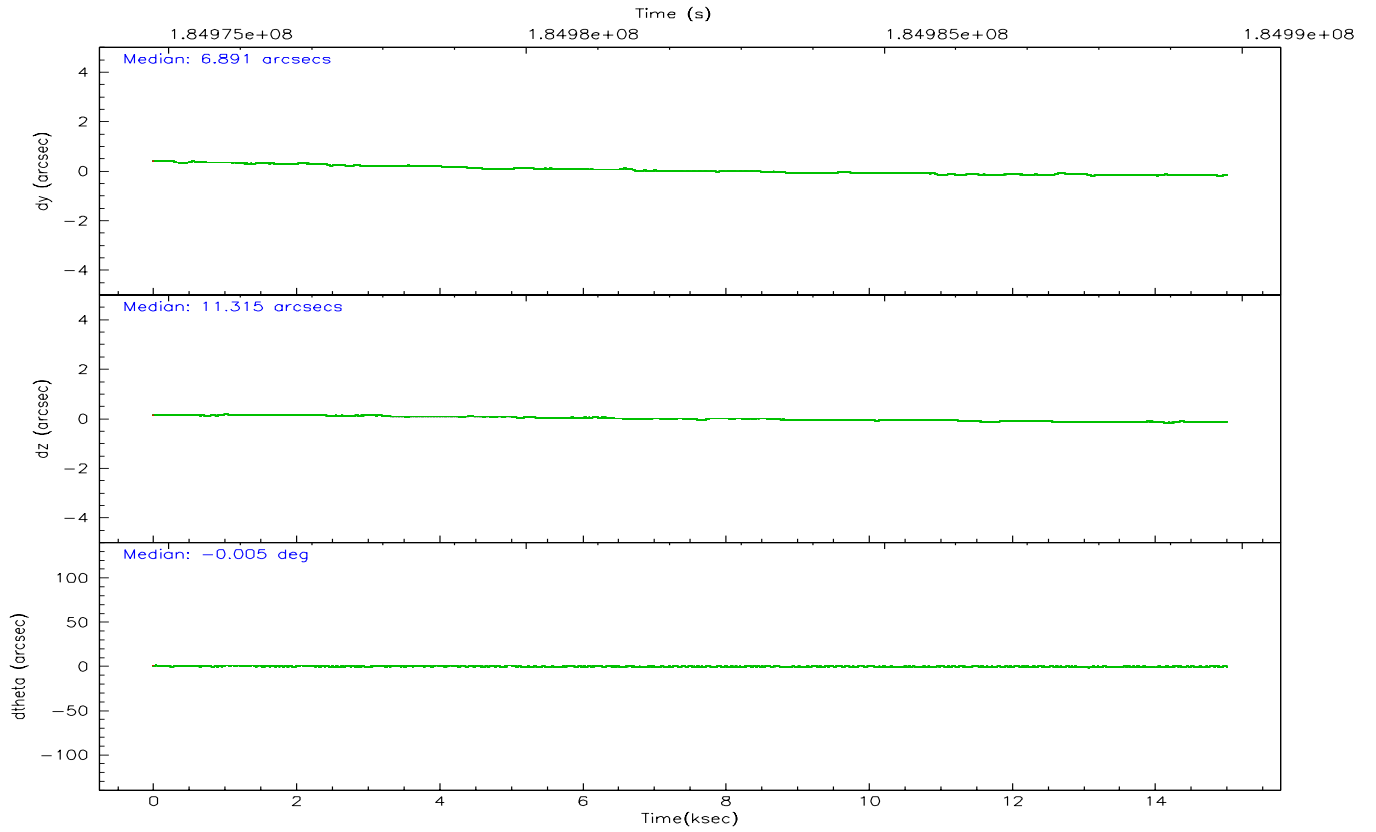
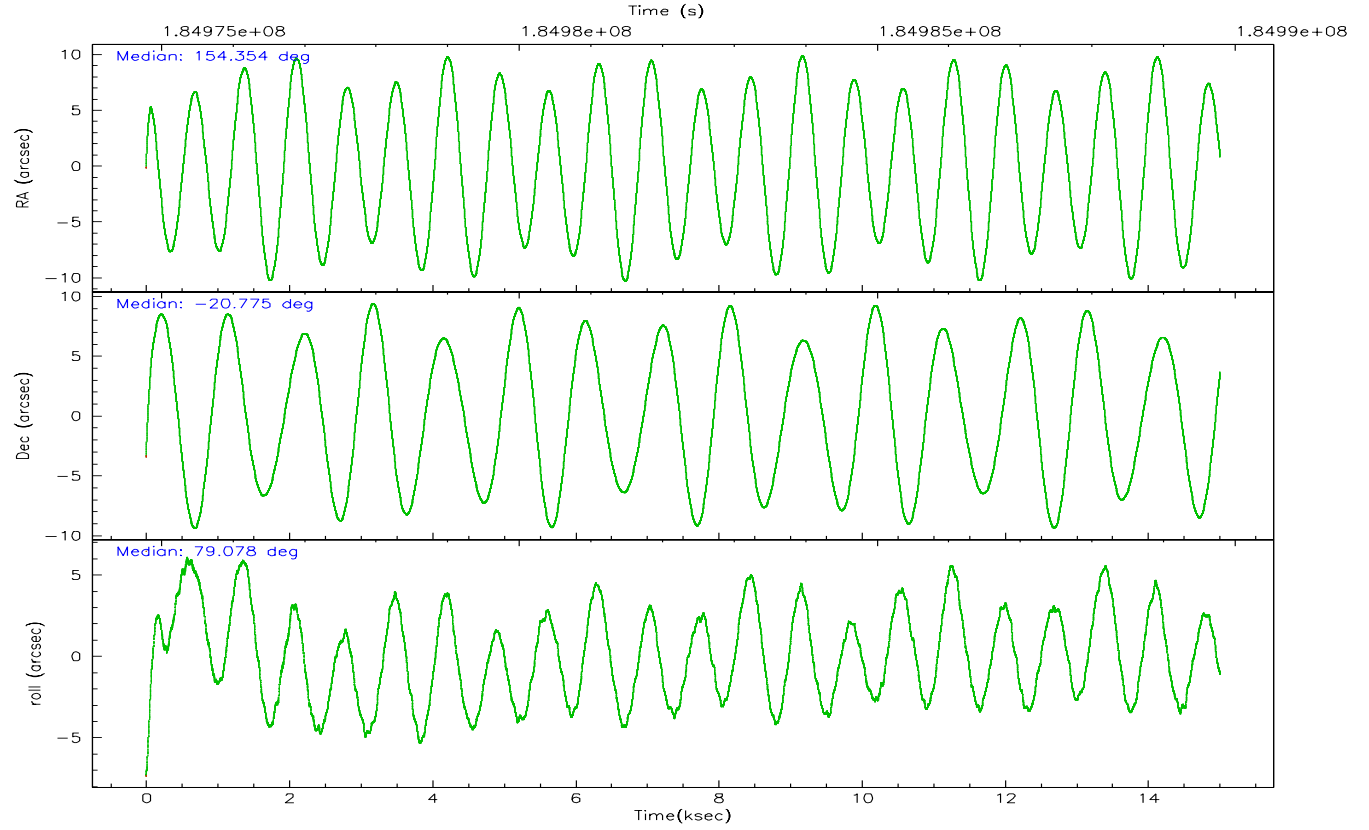
	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2571	2747	2847	3007	2437
	5%	5%	6%	6%	3%
grade 1 events	15	18	25	18	39
	0%	0%	0%	0%	0%
grade 2 events	1361	1109	1120	1259	7564
	2%	2%	2%	2%	10%
grade 3 events	724	641	695	721	1940
	1%	1%	1%	1%	2%
grade 4 events	698	618	702	678	1874
	1%	1%	1%	1%	2%
grade 5 events	1894	1793	1954	2225	4462
	4%	3%	4%	4%	6%
grade 6 events	1118	957	1021	1188	16962
	2%	2%	2%	2%	24%
grade 7 events	37810	38346	38009	39800	33908
	81%	82%	81%	81%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-12367	ACIS-12367	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	154.364021	154.3541278261888	Subarray start row	0	257
Pointing Dec	-20.800034	-20.7744396685457	Subarray row count	1024	512
Pointing Roll	78.926762	79.07987116433455	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.7
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	184974986.184000	184974012.57262			
Observation start date	2003-11-11T21:55:22	2003-11-11T21:40:12			
Observation end time	184989786.184000	184990574.52333			
Observation end date	2003-11-12T02:02:02	2003-11-12T02:16:14			
Read mode	TIMED	TIMED			

2.3 Aspect



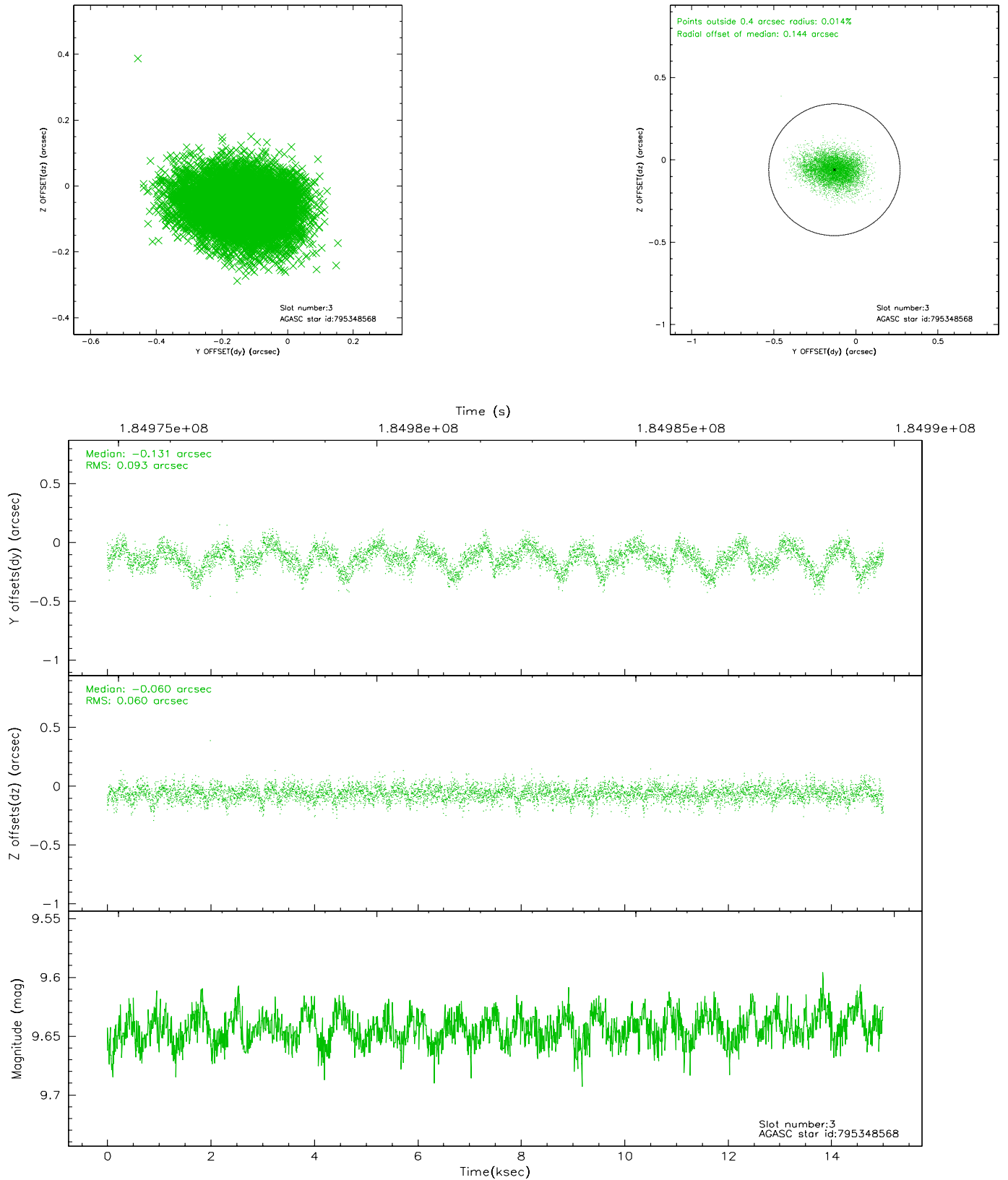


Slot Statistics

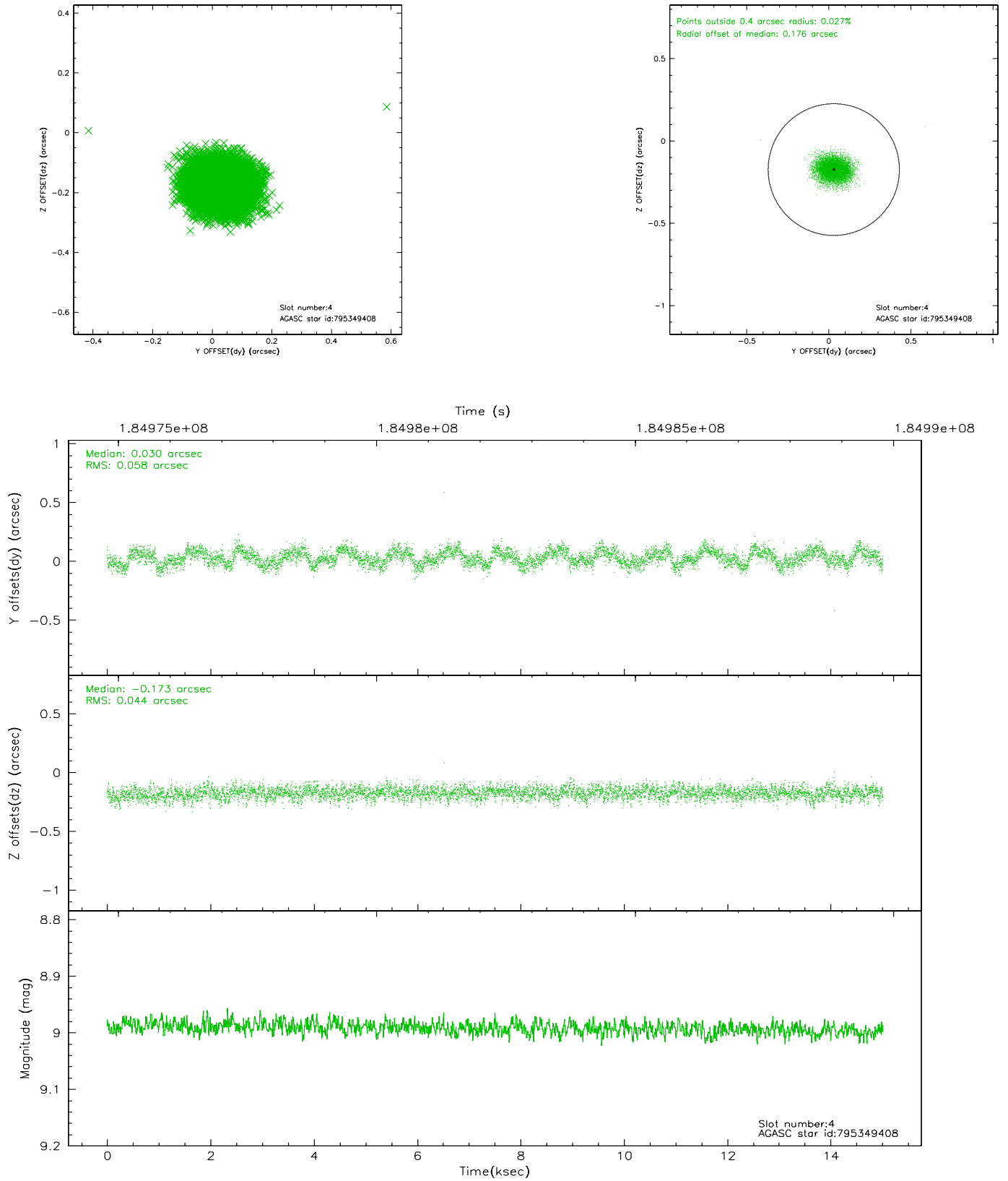
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3662	-0.033	0.006	0.010	0.027	0.000000	0.000000	-759.70	-1732.61
1	FID	ACIS-S-4	7.20	3661	0.019	0.014	0.007	0.029	0.000000	0.000000	2153.47	175.60
2	FID	ACIS-S-5	7.23	3661	-0.016	-0.012	0.008	0.015	0.000000	0.000000	-1812.16	169.55
3	GUIDE	795348568	9.64	7319	-0.131	-0.060	0.117	0.193	154.597868	-20.494010	1232.27	-562.28
4	GUIDE	795349408	8.99	7321	0.030	-0.173	0.078	0.123	154.208540	-20.493910	981.02	726.15
5	GUIDE	795351136	8.43	7321	-0.195	0.131	0.060	0.097	154.748596	-20.311207	1975.17	-936.11
6	GUIDE	795875200	9.34	7319	0.250	0.064	0.081	0.131	154.628771	-21.519433	-2371.26	-1367.71
7	GUIDE	795878120	8.55	7319	0.049	0.040	0.082	0.122	155.010361	-21.224251	-1086.39	-2422.84

2.4 Star Slots

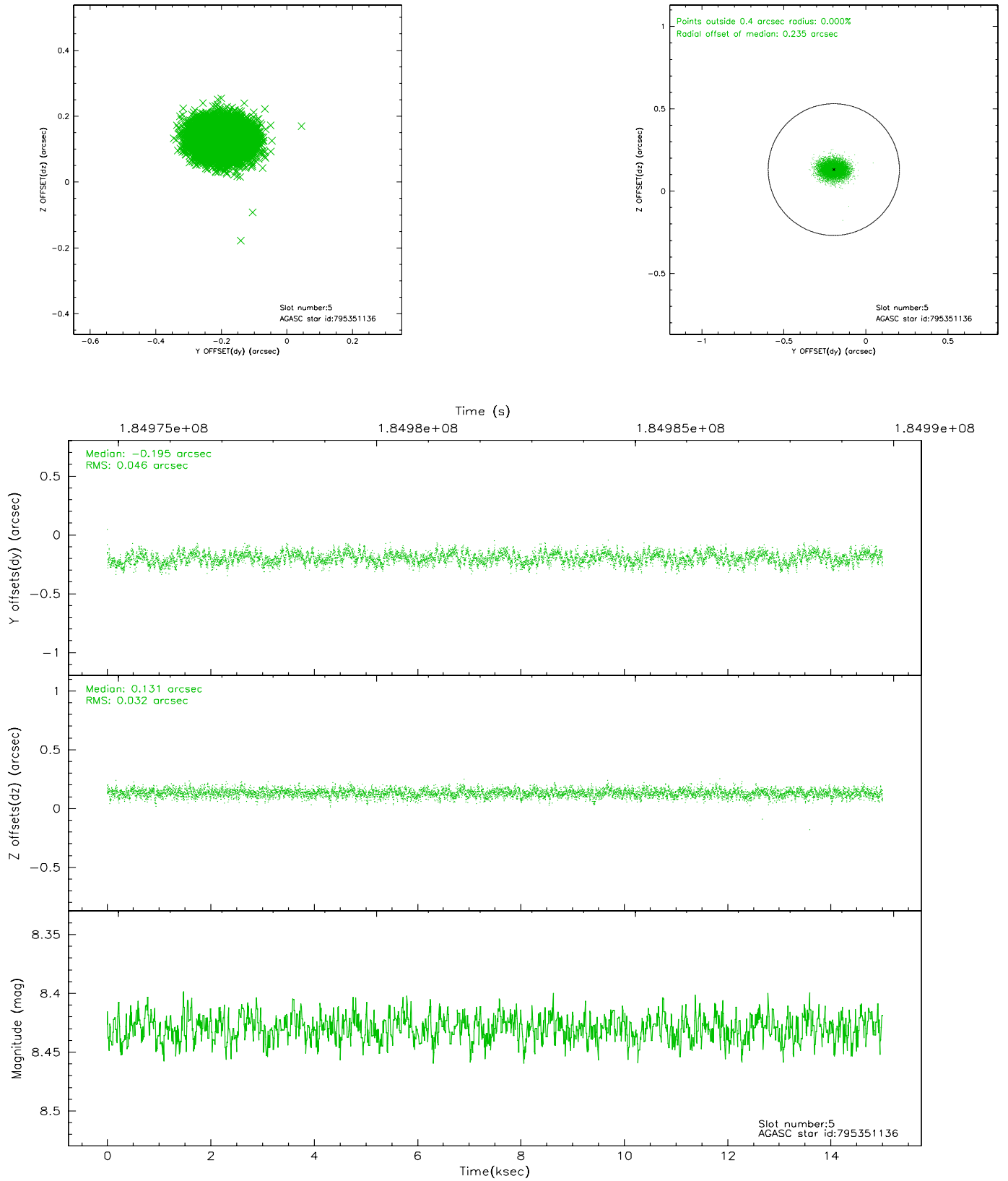
2.4.1 Slot 3



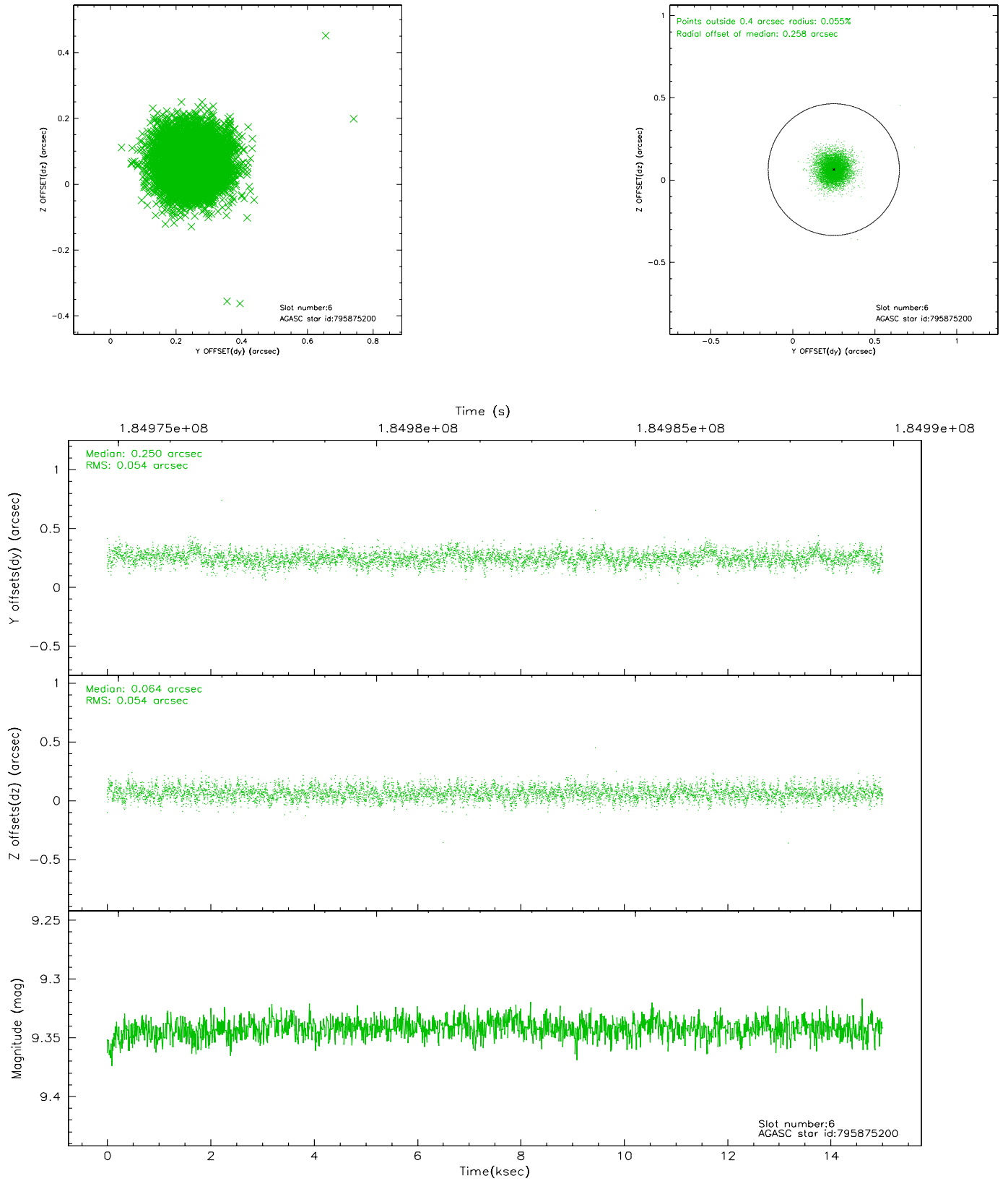
2.4.2 Slot 4



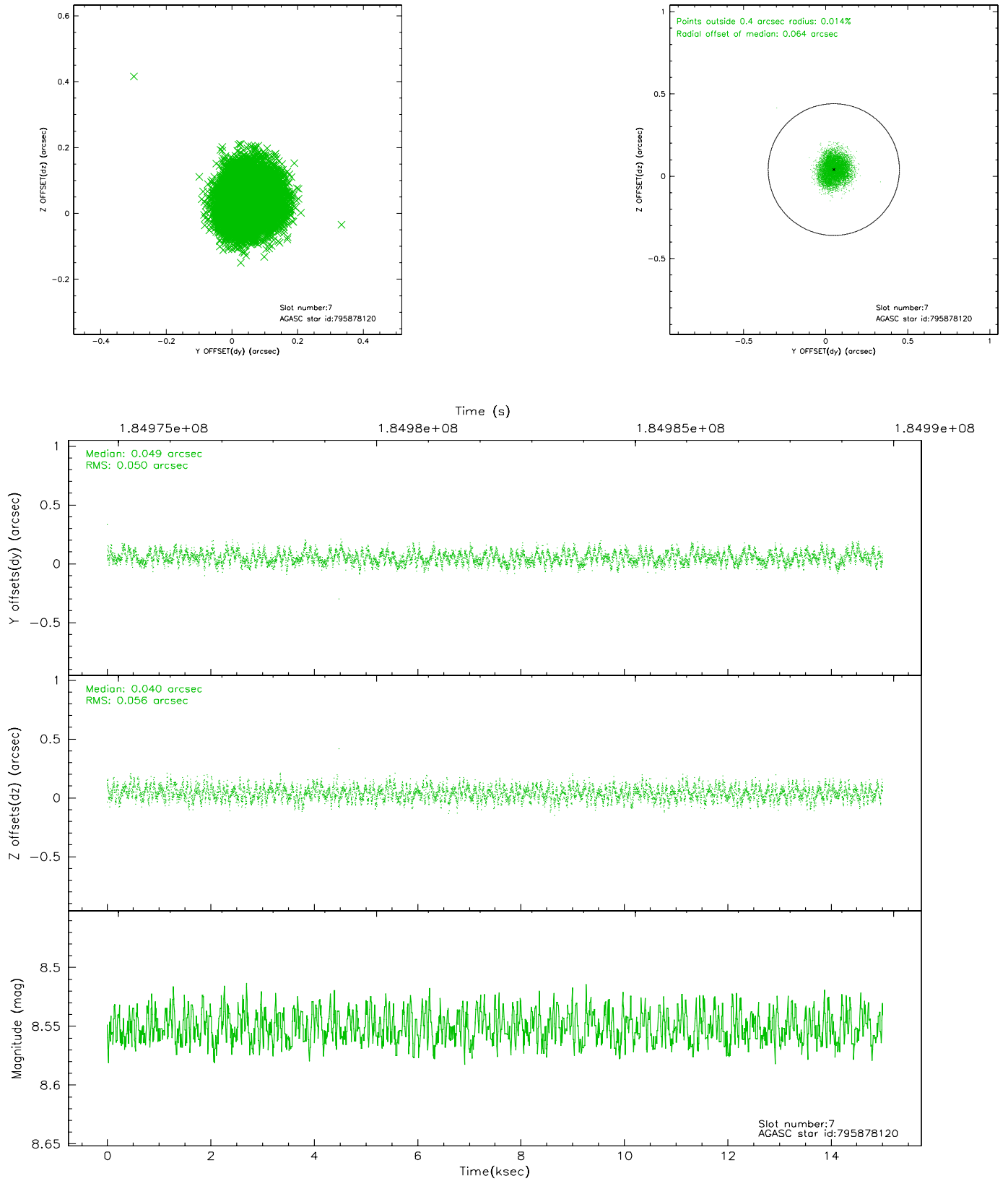
2.4.3 Slot 5



2.4.4 Slot 6

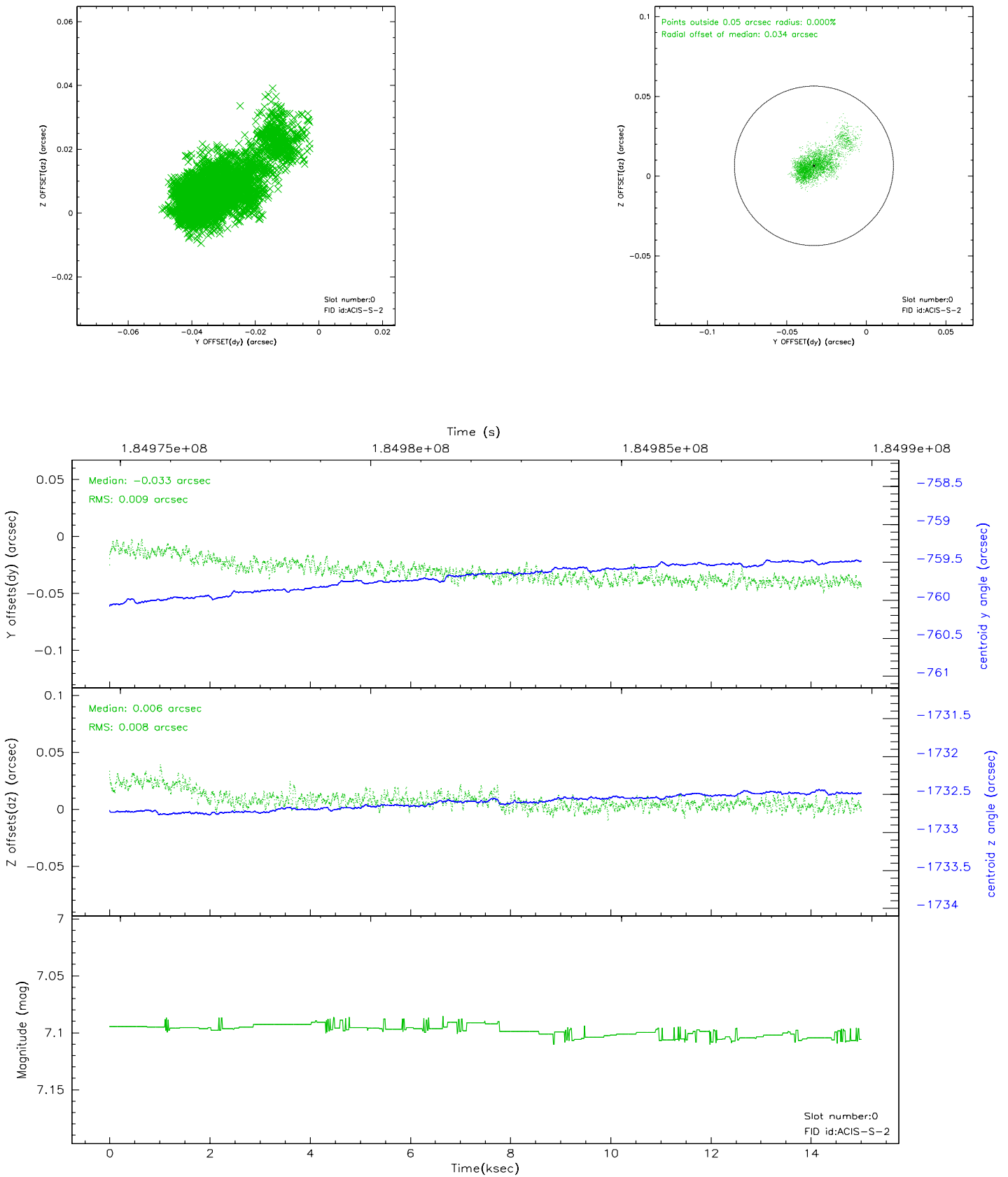


2.4.5 Slot 7

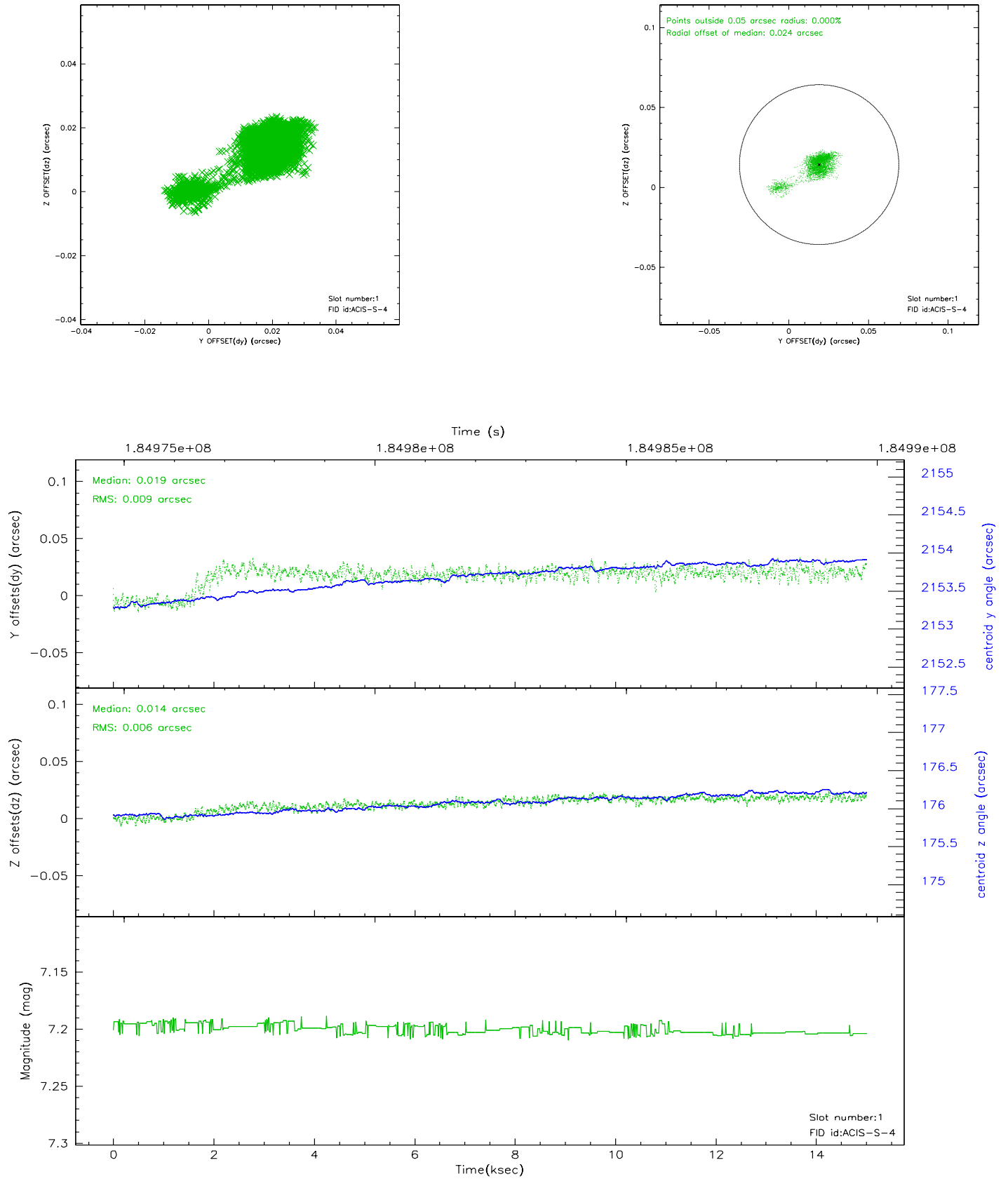


2.5 FID Slots

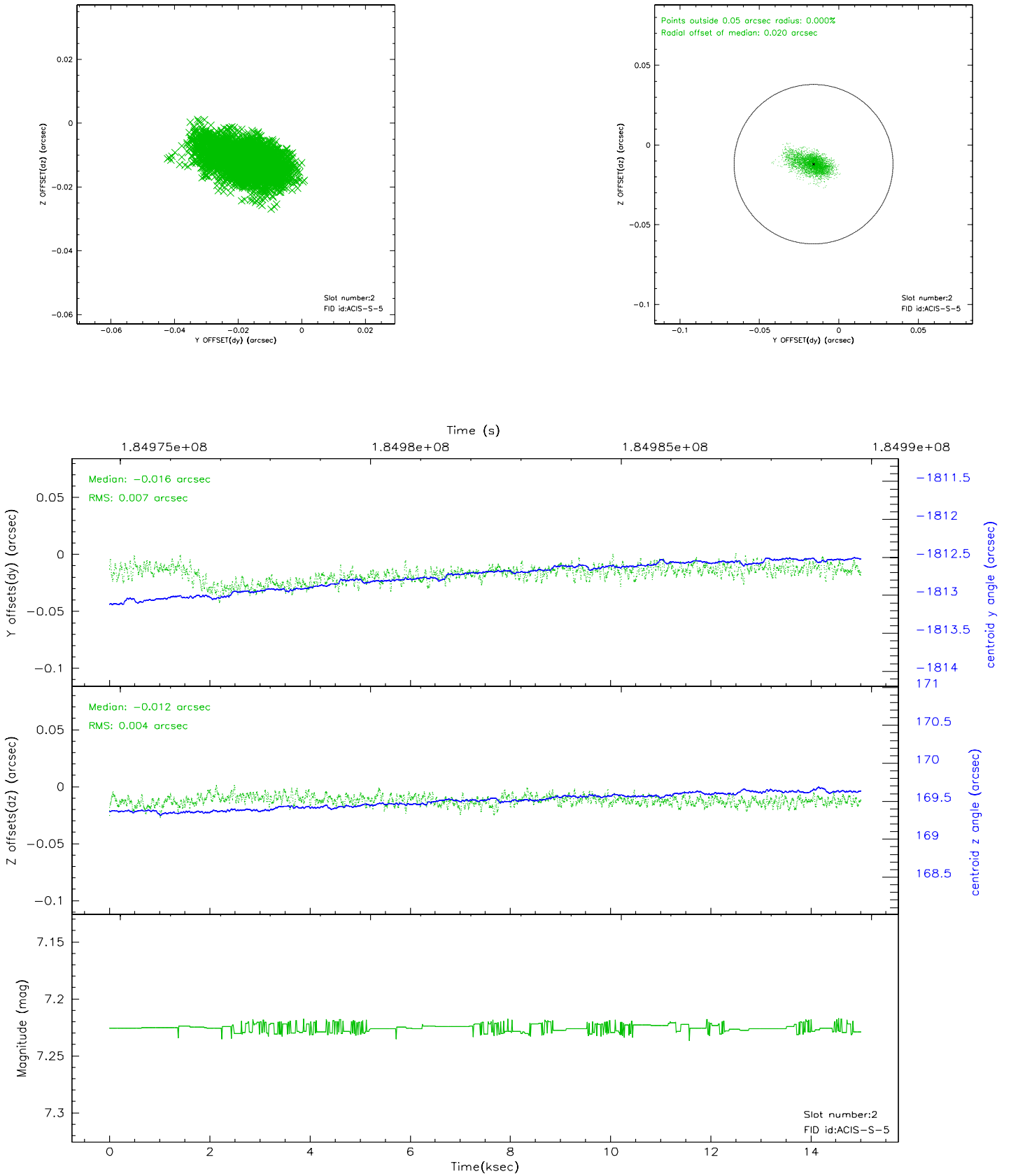
2.5.1 Slot 0



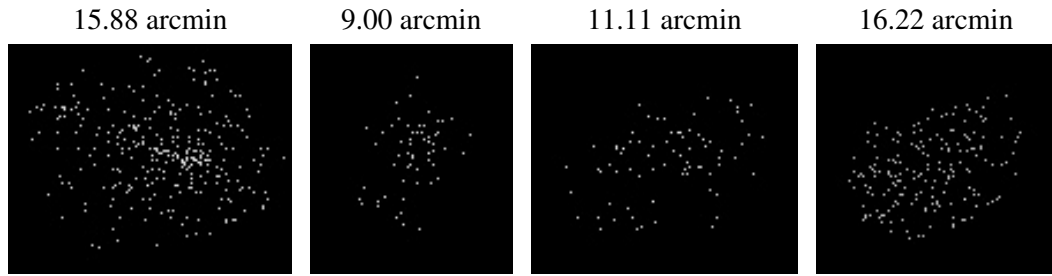
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.005

A.2 Comments