

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5365 - L2 Version 001
Chandra X-Ray Center

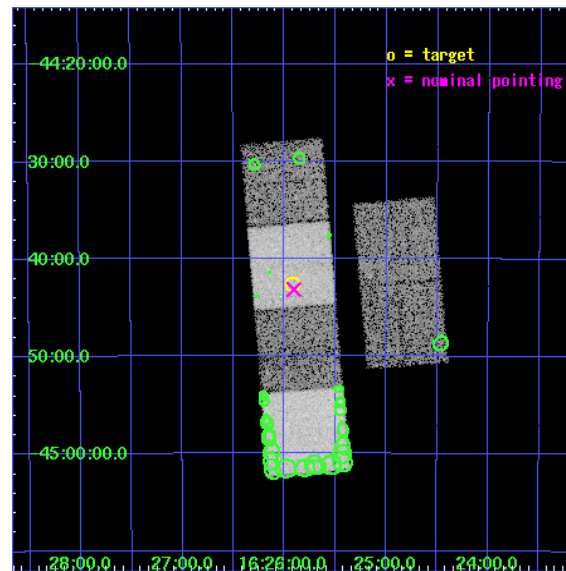
L2 Processing Date : Apr 25 2006

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1 Front

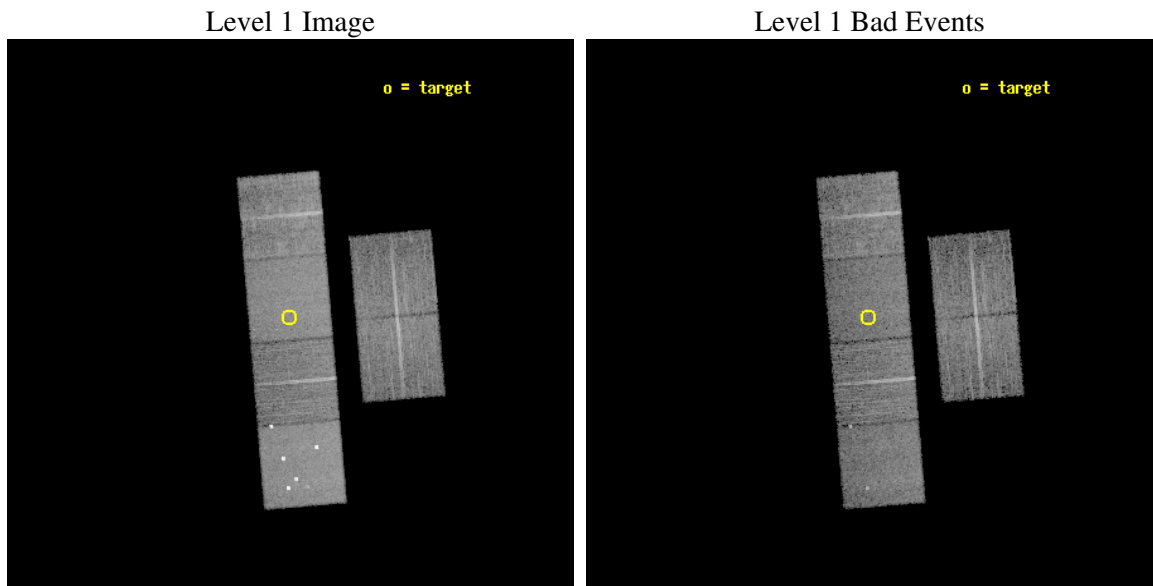
seq_num	500508
obs_id	5365
title	Observations of an extremely X-ray rich GRB detected by Integral
observer	Dr Chryssa Kouveliotou
object	GRB 040812
dtcycle	0
cycle	P
ra_targ	246.48
dec_targ	-44.71
ra_nom	246.47646724676
dec_nom	-44.719350820732
roll_nom	265.15582886369
revision	2
ontime	10163.199962139
livetime	10034.507404674
ontime2	10163.199962139
ontime3	10163.199962139
ontime5	10163.199962139
ontime6	10163.199962139
ontime7	10163.199962139
ontime8	10163.199962139
l2events	118056



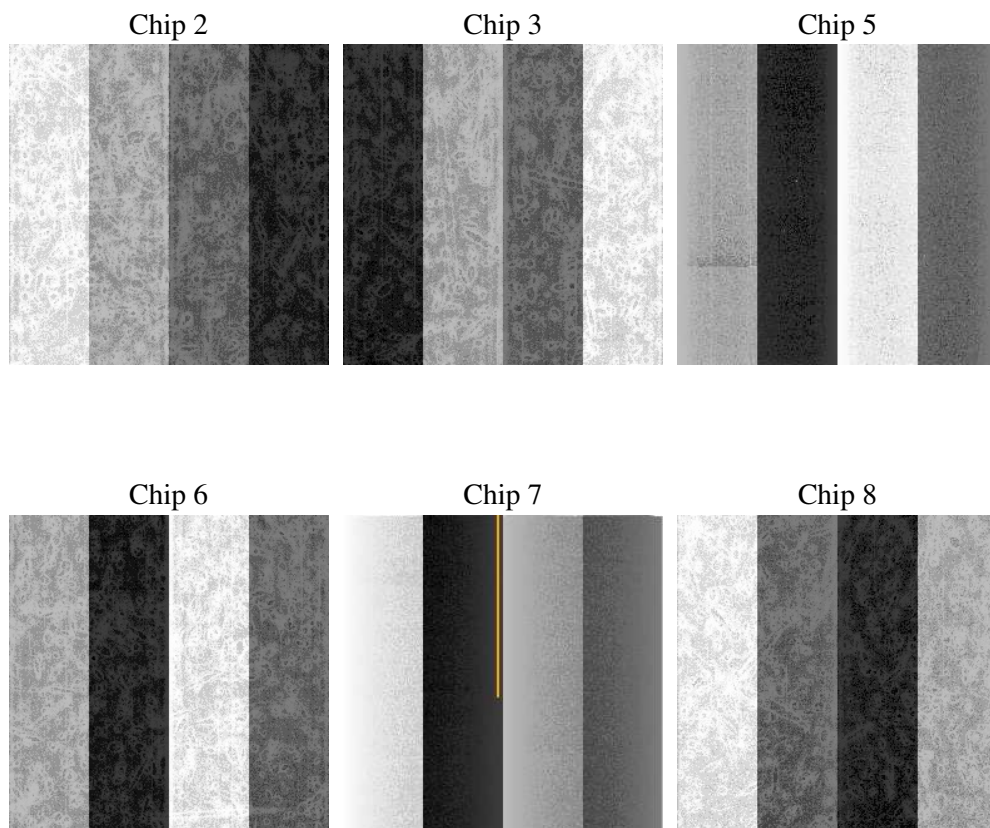
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-25T03:19:21
revision	2

sched_exp_time	10000.000000
ontime	10189.715483874
ontime2	10189.715453953
ontime3	10189.715453953
ontime5	10189.715483874
ontime6	10189.715453953
ontime7	10189.715483874
ontime8	10189.715453953
l1events	545308

2.1.4 Events

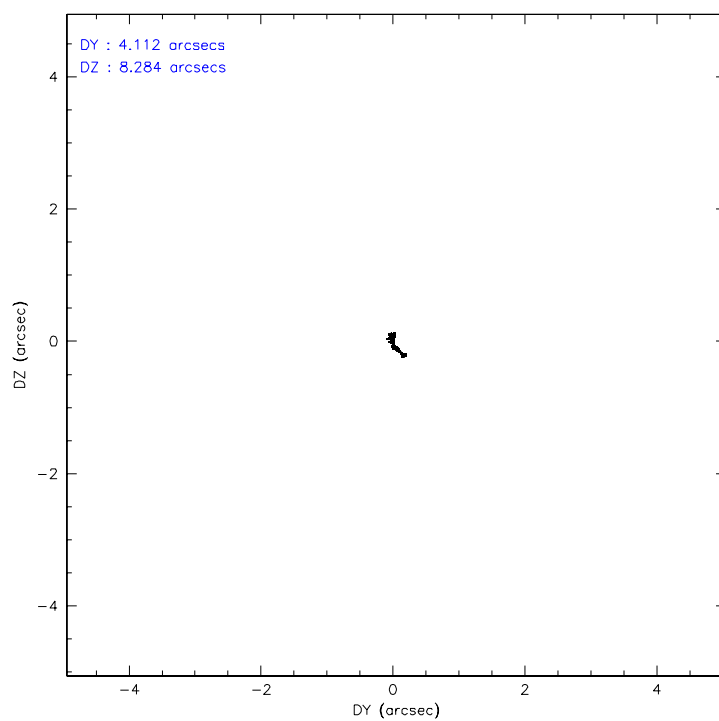
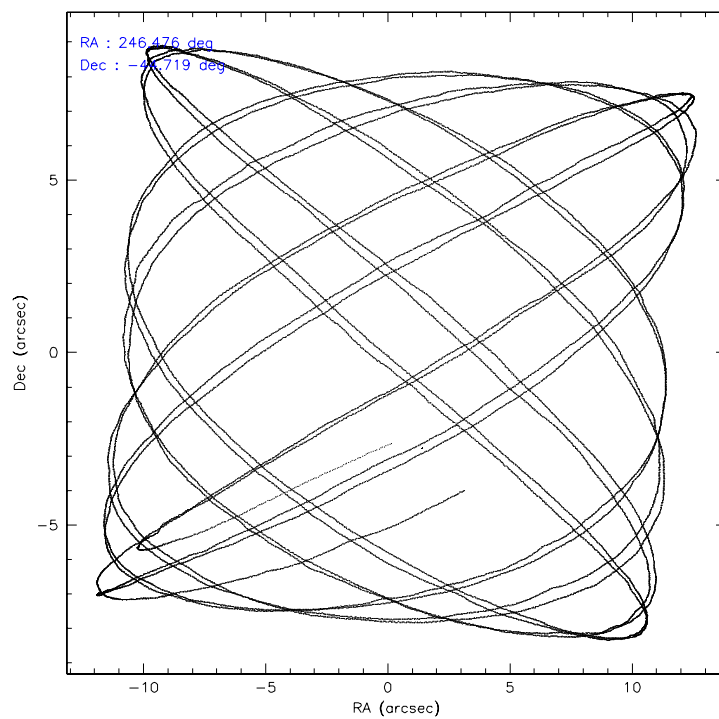
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	75996	71967	123648	76171	101595	95931
rejected events	67114	62902	63251	67030	62354	75658
rejected %	88%	87%	51%	87%	61%	78%

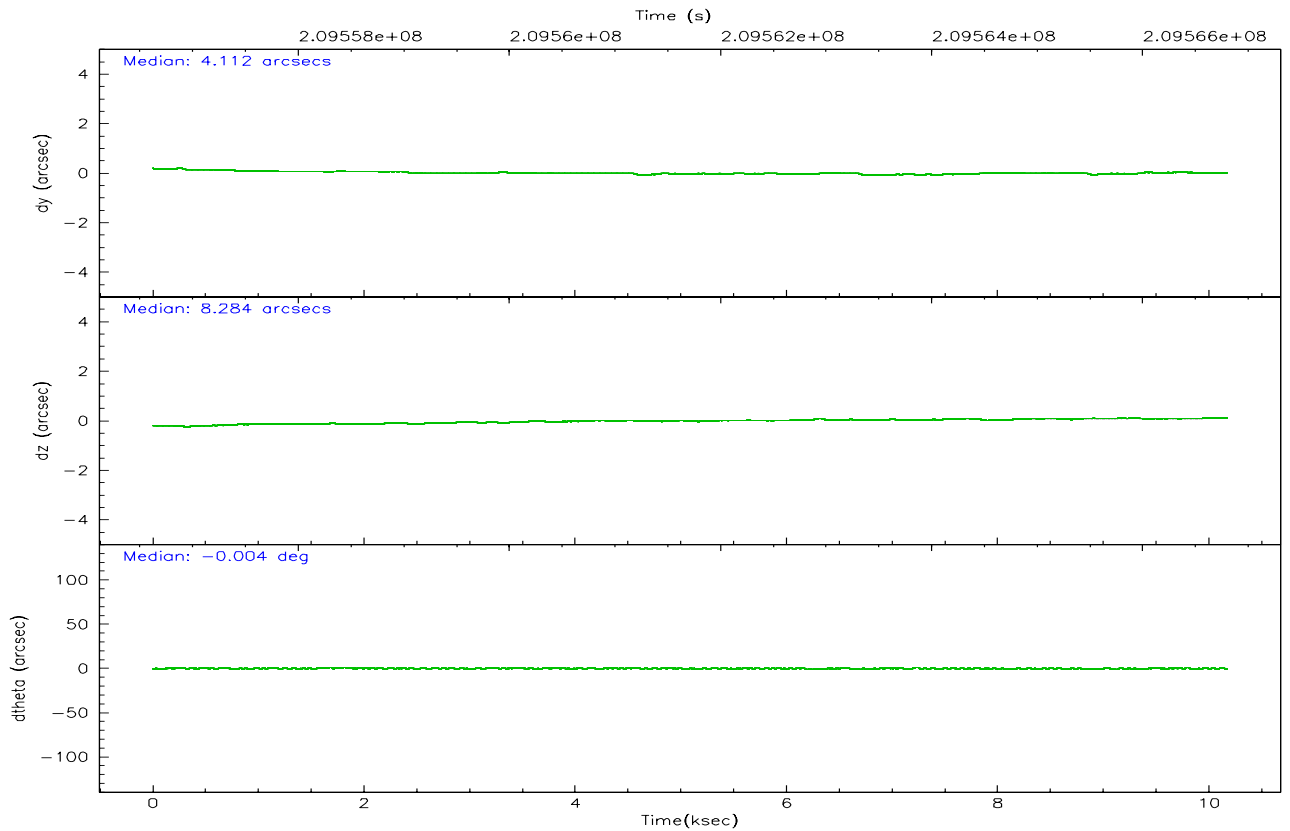
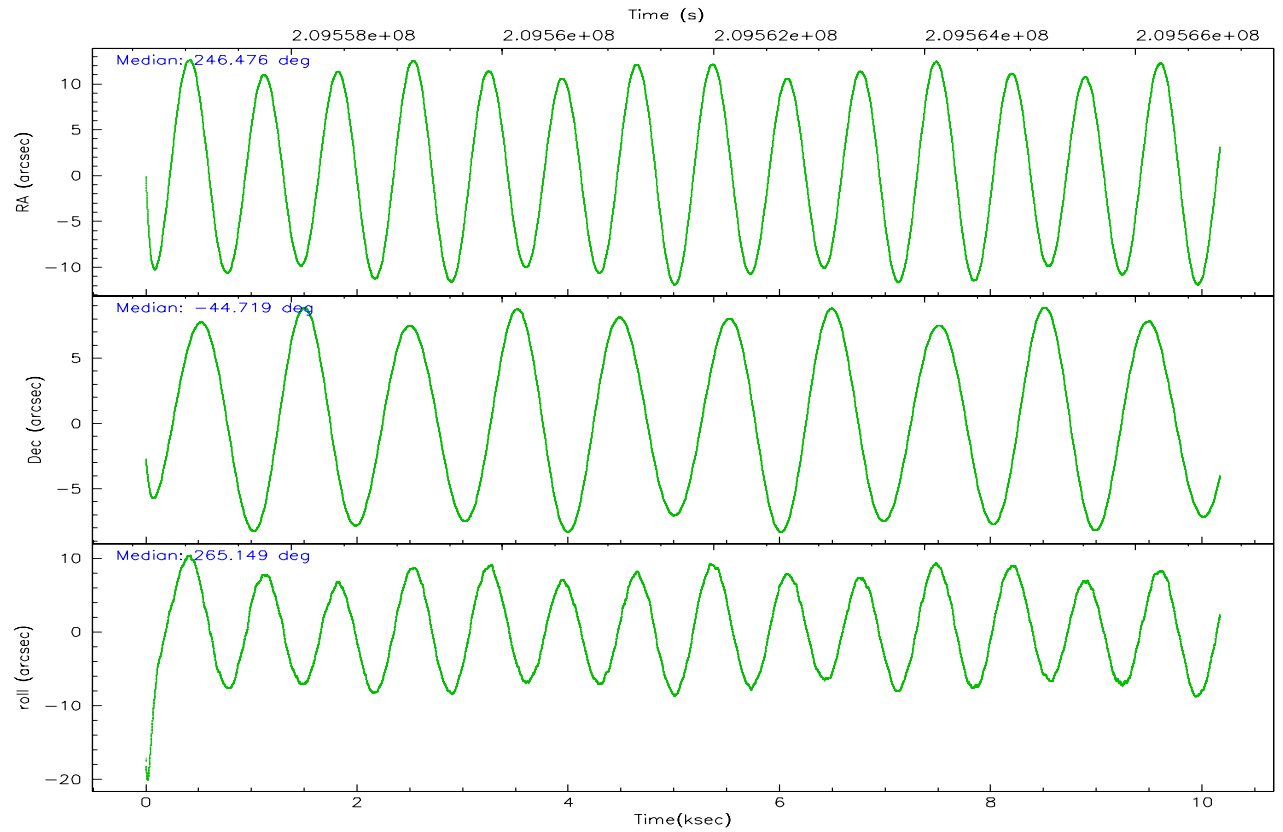
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4016	4080	11555	3906	2371	6525
	5%	5%	9%	5%	2%	6%
grade 1 events	39	52	553	37	62	65
	0%	0%	0%	0%	0%	0%
grade 2 events	1832	1736	17186	1865	9769	4482
	2%	2%	13%	2%	9%	4%
grade 3 events	804	843	1630	823	1992	2126
	1%	1%	1%	1%	1%	2%
grade 4 events	778	914	1233	848	1840	1974
	1%	1%	0%	1%	1%	2%
grade 5 events	2896	3143	5531	3460	6667	4462
	3%	4%	4%	4%	6%	4%
grade 6 events	1478	1518	28945	1730	23373	5265
	1%	2%	23%	2%	23%	5%
grade 7 events	64153	59681	57015	63502	55521	71032
	84%	82%	46%	83%	54%	74%

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	246.459739	246.4764672467638	Alternating exposures requested	N	N
Pointing Dec	-44.694861	-44.71935082073196	Primary exposure time	0.000000	3.2
Pointing Roll	264.987459	265.1558288636855			
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	209556799.184000	209555724.06516			
Observation start date	2004-08-22T10:12:15	2004-08-22T09:55:24			
Observation end time	209566799.184000	209567090.80316			
Observation end date	2004-08-22T12:58:55	2004-08-22T13:04:50			
Read mode	TIMED	TIMED			

2.3 Aspect



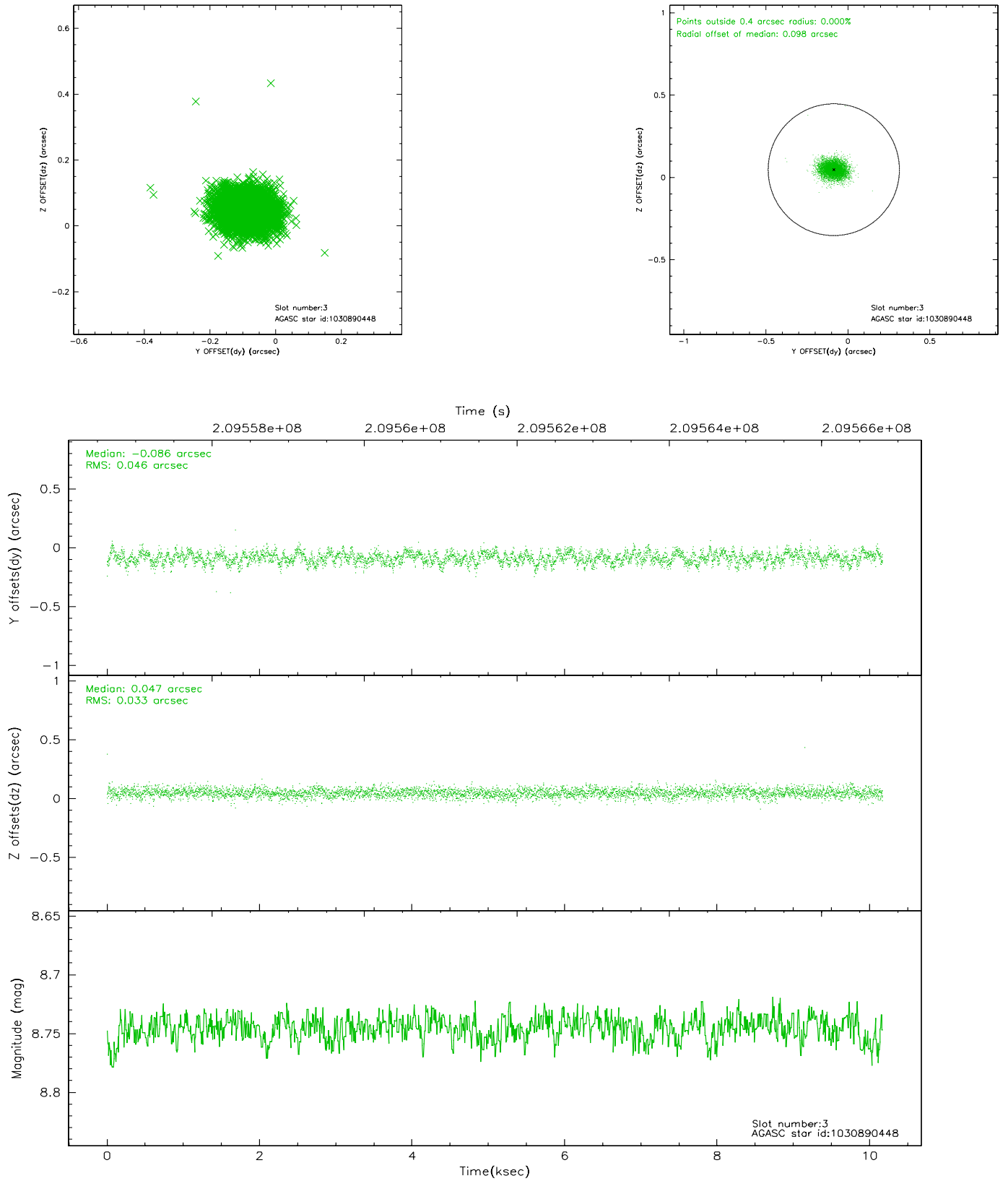


Slot Statistics

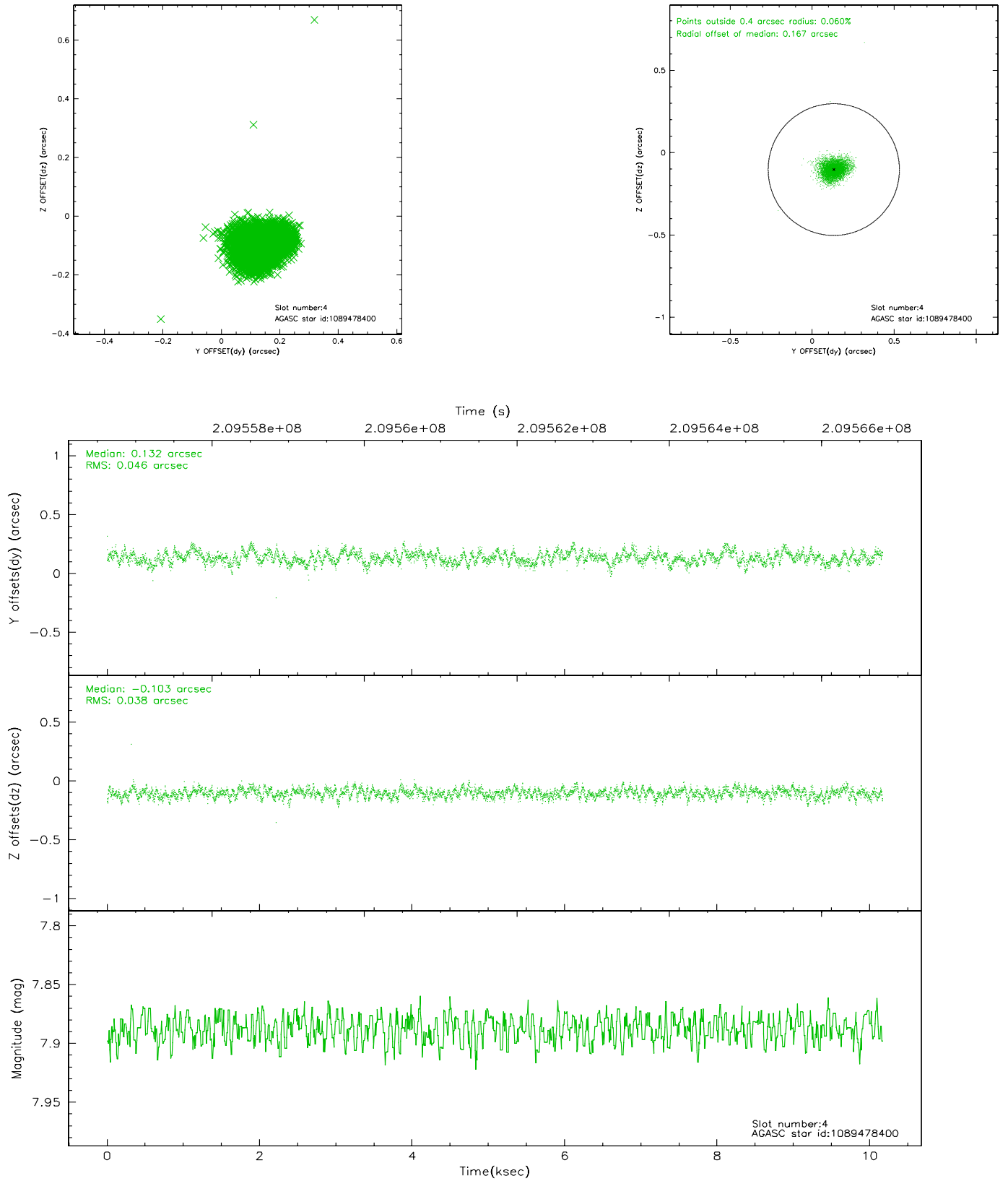
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2481	-0.022	-0.025	0.006	0.011	0.000000	0.000000	-756.83	-1729.48
1	FID	ACIS-S-4	7.20	2481	0.056	0.017	0.005	0.008	0.000000	0.000000	2156.30	178.48
2	FID	ACIS-S-5	7.23	2482	-0.065	0.017	0.006	0.011	0.000000	0.000000	-1809.04	172.78
3	GUIDE	1030890448	8.75	4962	-0.086	0.047	0.060	0.098	246.960720	-44.309948	-1489.34	1164.78
4	GUIDE	1089478400	7.89	4963	0.132	-0.103	0.062	0.102	246.169044	-45.180500	1807.39	-581.65
5	GUIDE	1089481136	8.07	4962	0.056	0.038	0.069	0.108	247.200676	-45.033759	1059.56	1985.18
6	GUIDE	1030898272	7.20	4961	-0.077	0.018	0.071	0.108	247.207863	-44.812617	264.13	1941.55
7	GUIDE	1089502312	6.73	4962	-0.027	0.006	0.062	0.101	246.225648	-45.349496	2400.51	-383.26

2.4 Star Slots

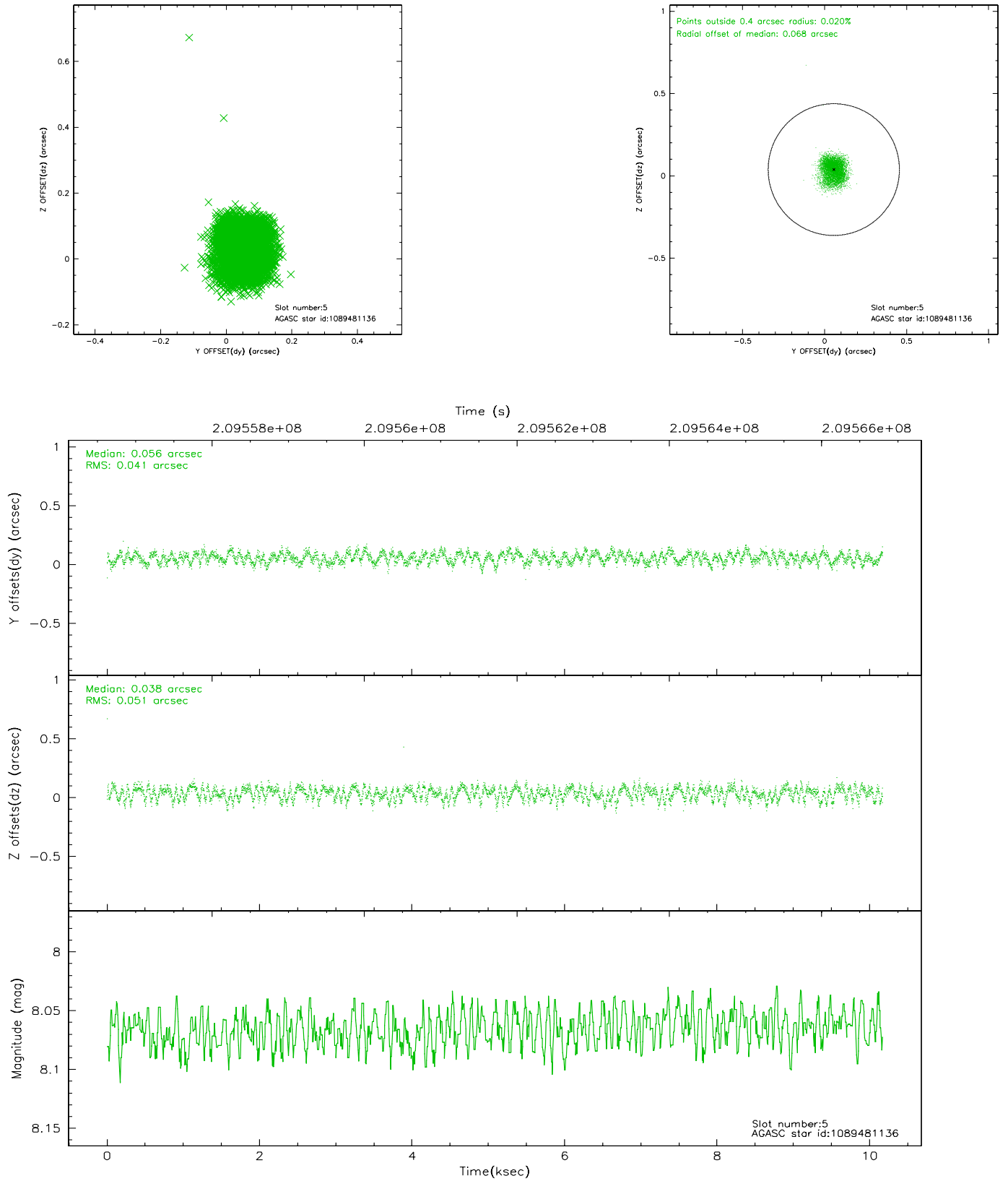
2.4.1 Slot 3



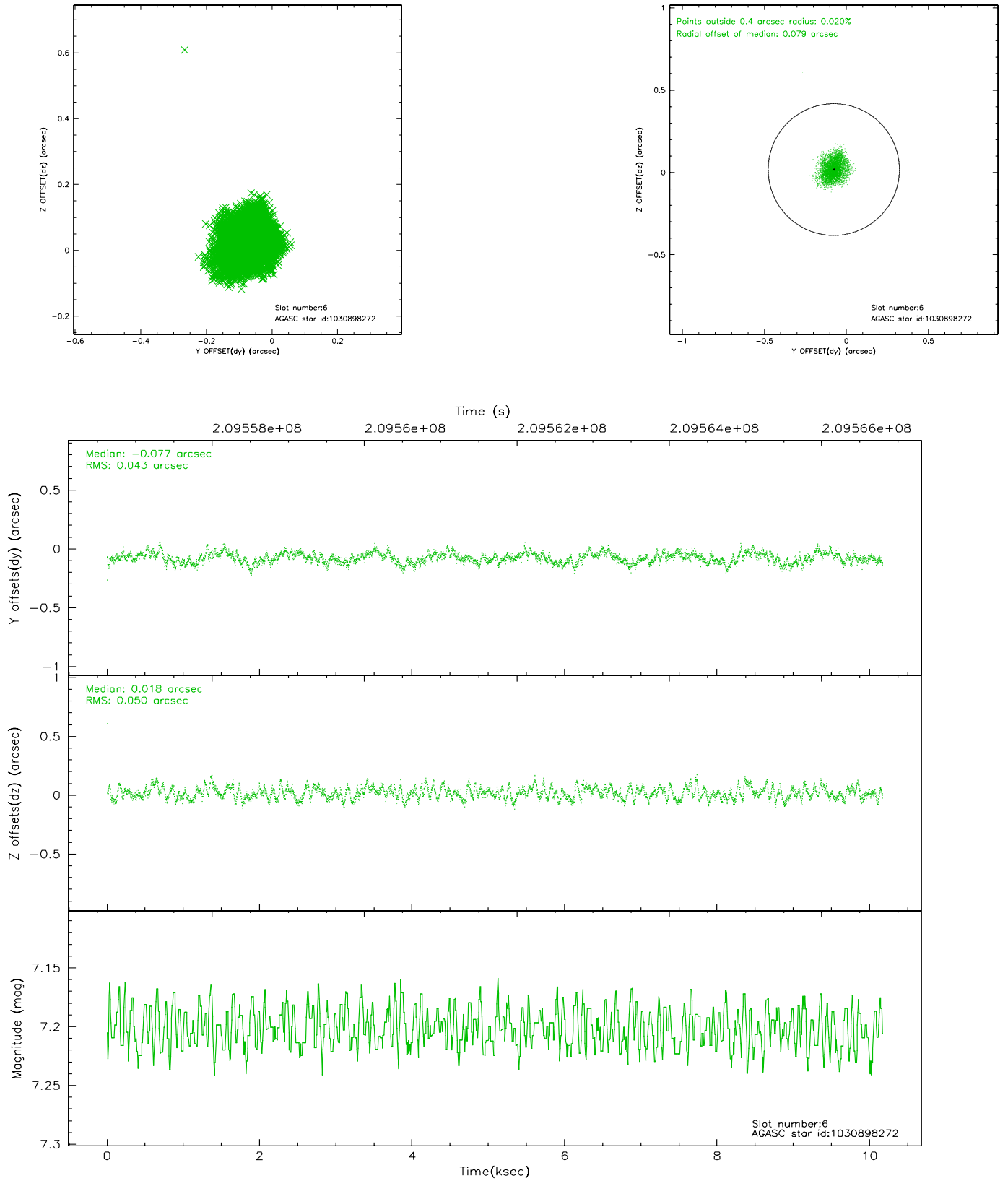
2.4.2 Slot 4



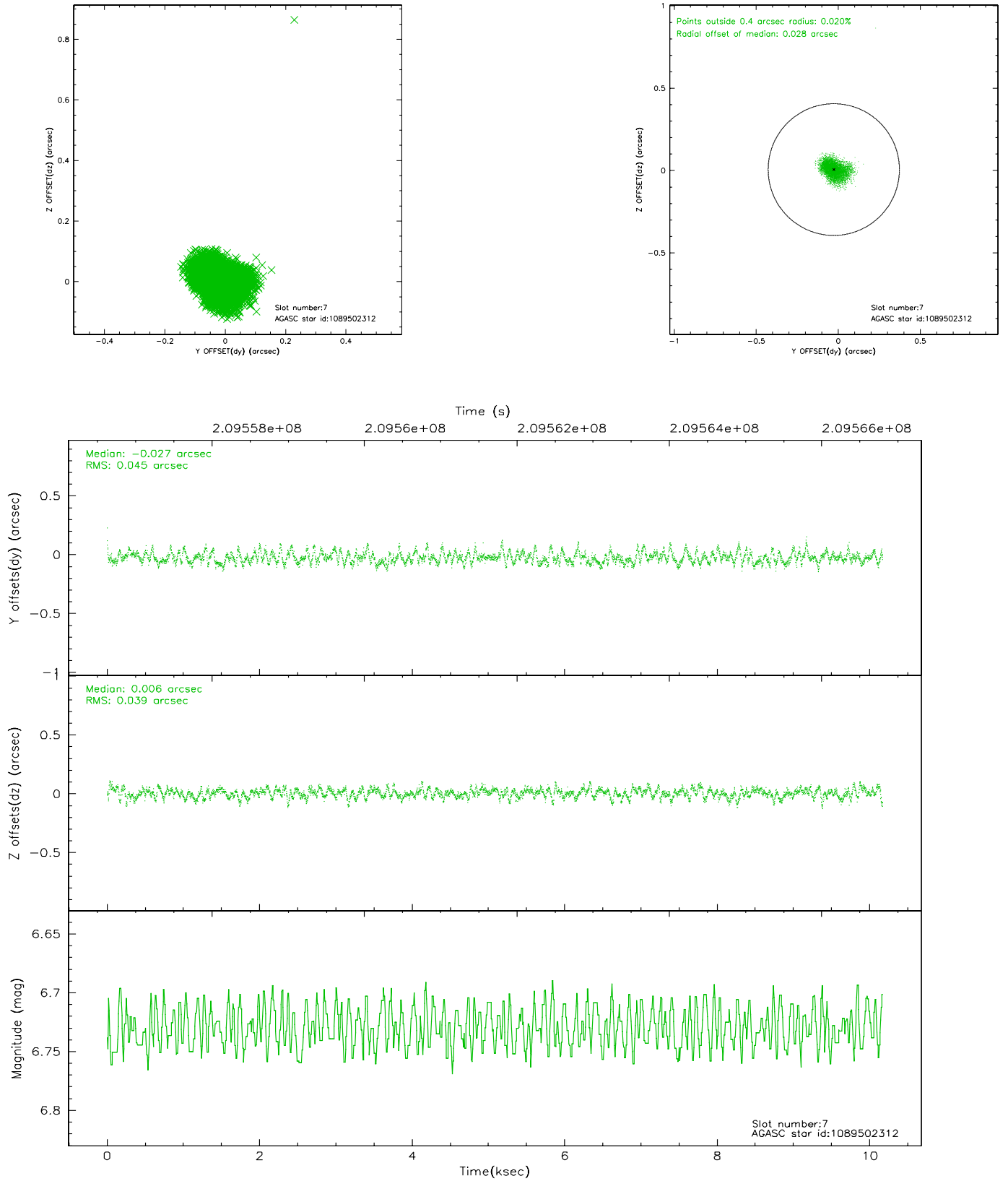
2.4.3 Slot 5



2.4.4 Slot 6

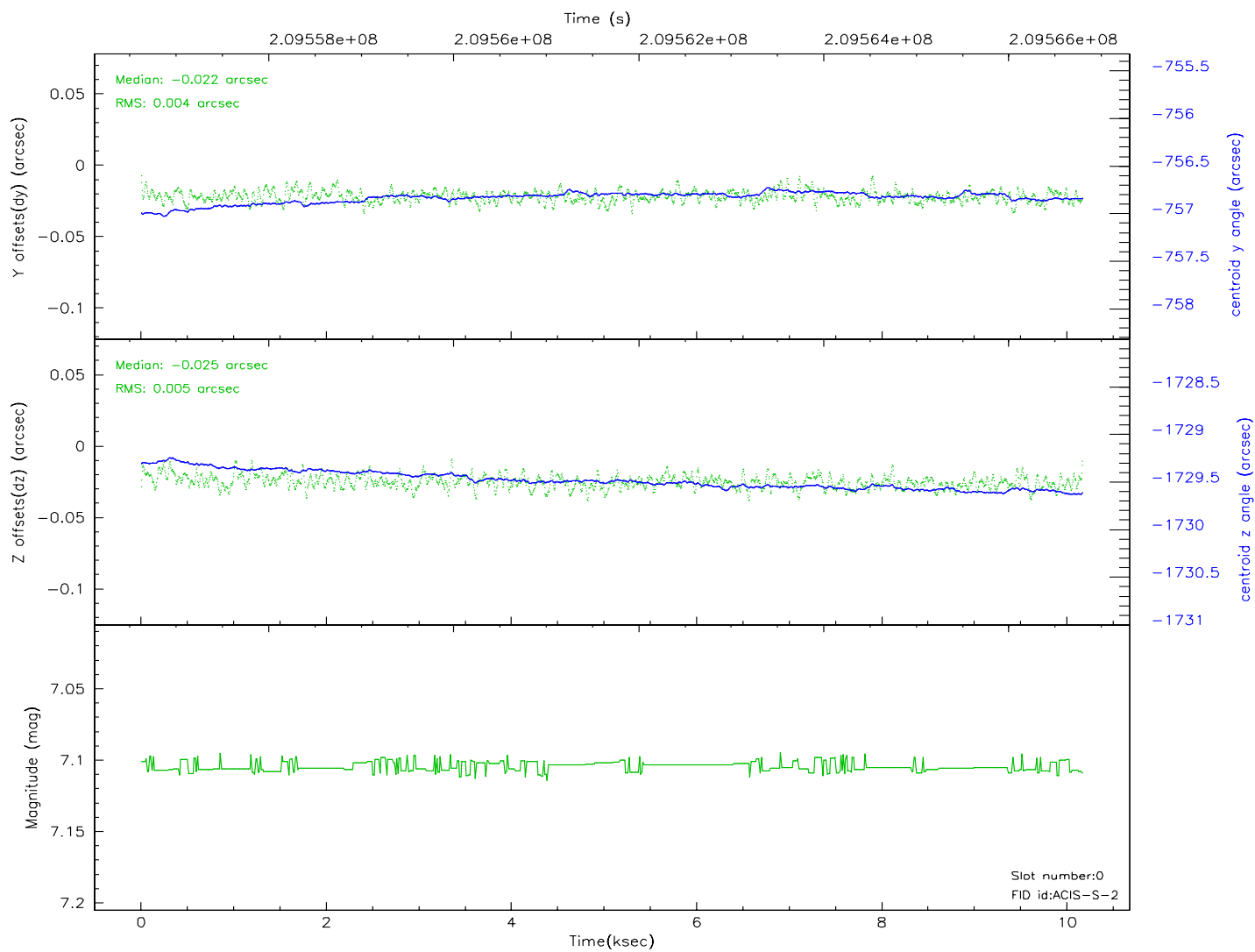
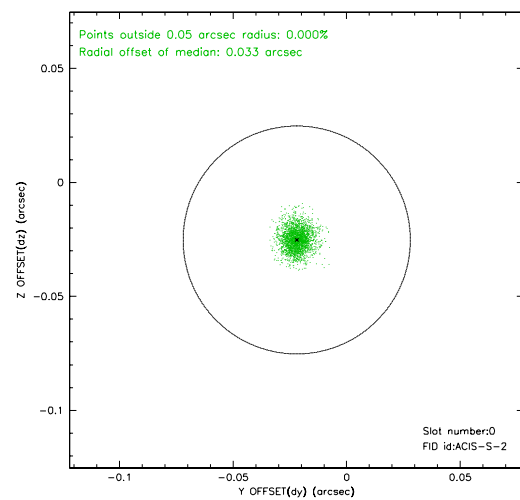
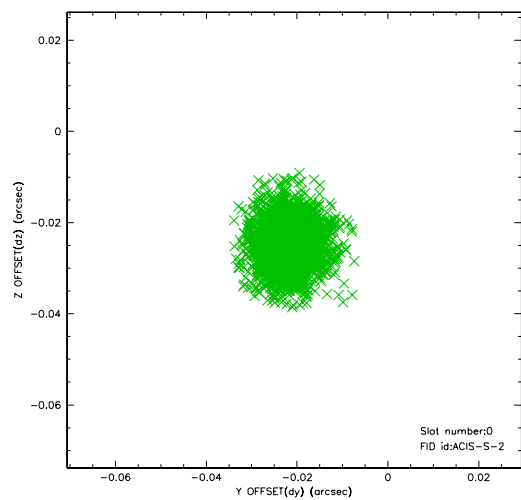


2.4.5 Slot 7

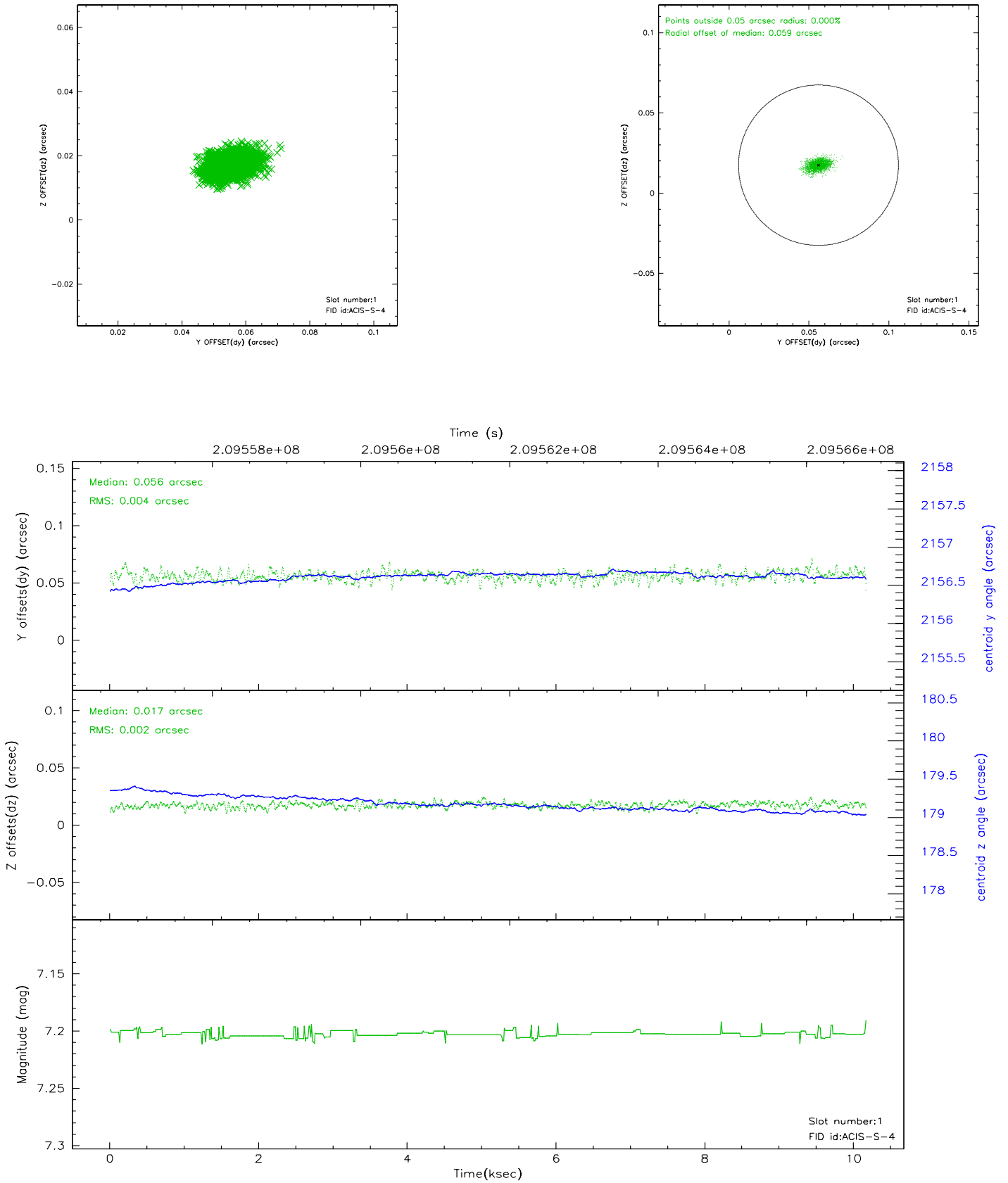


2.5 FID Slots

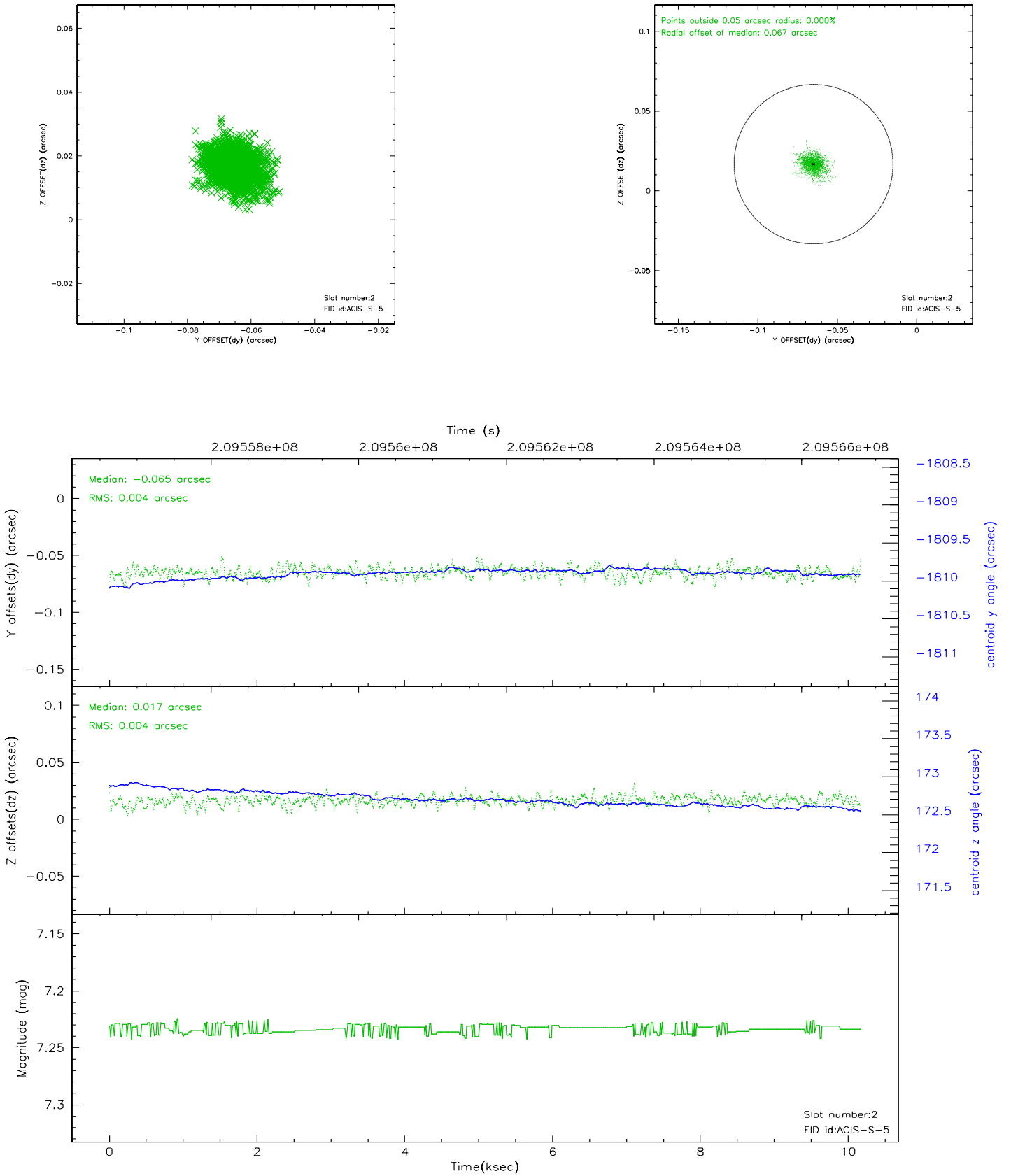
2.5.1 Slot 0



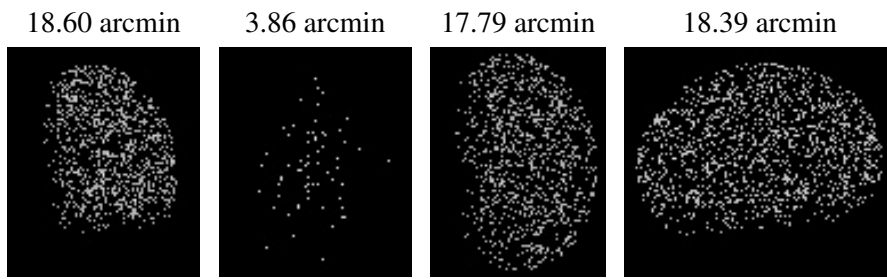
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.163

A.2 Comments