

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4982 - L2 Version 001
Chandra X-Ray Center

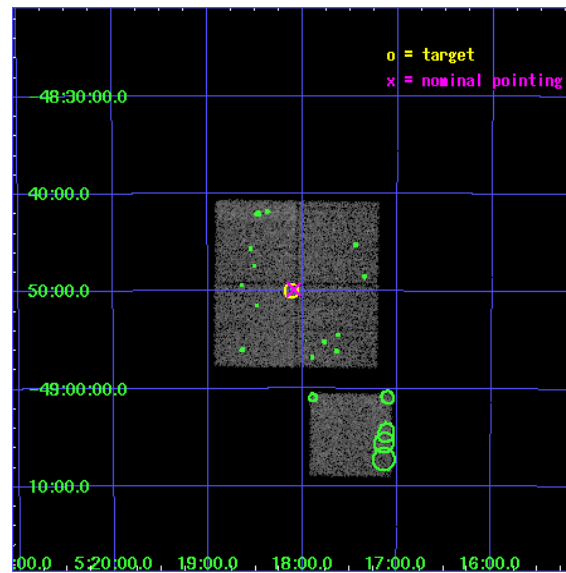
L2 Processing Date : May 1 2006

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1 Front

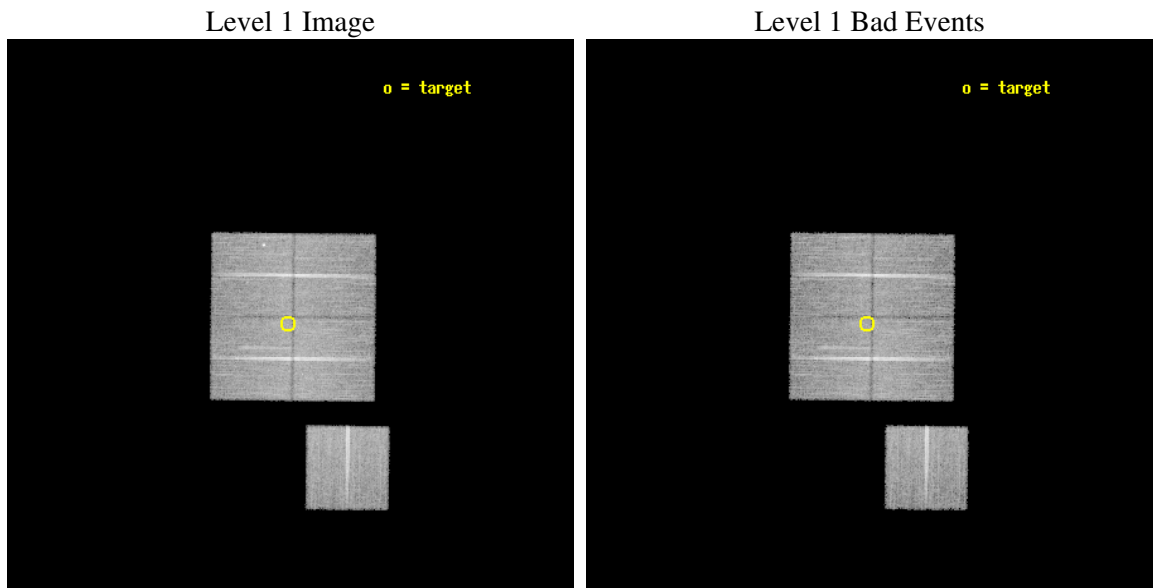
seq_num	800427
obs_id	4982
title	Chandra Observations of DLS Shear-Selected Clusters
observer	Prof. John Hughes
object	DLS J0518-4849
dtcycle	0
cycle	P
ra_targ	79.529583
dec_targ	-48.832472
ra_nom	79.52306676275
dec_nom	-48.830690062749
roll_nom	180.63895153892
revision	2
ontime	20097.218010932
livetime	19834.633062263
ontime0	20103.499961346
ontime1	20103.499961346
ontime2	20103.499961346
ontime3	20097.218010932
ontime6	20103.499961346
l2events	51101



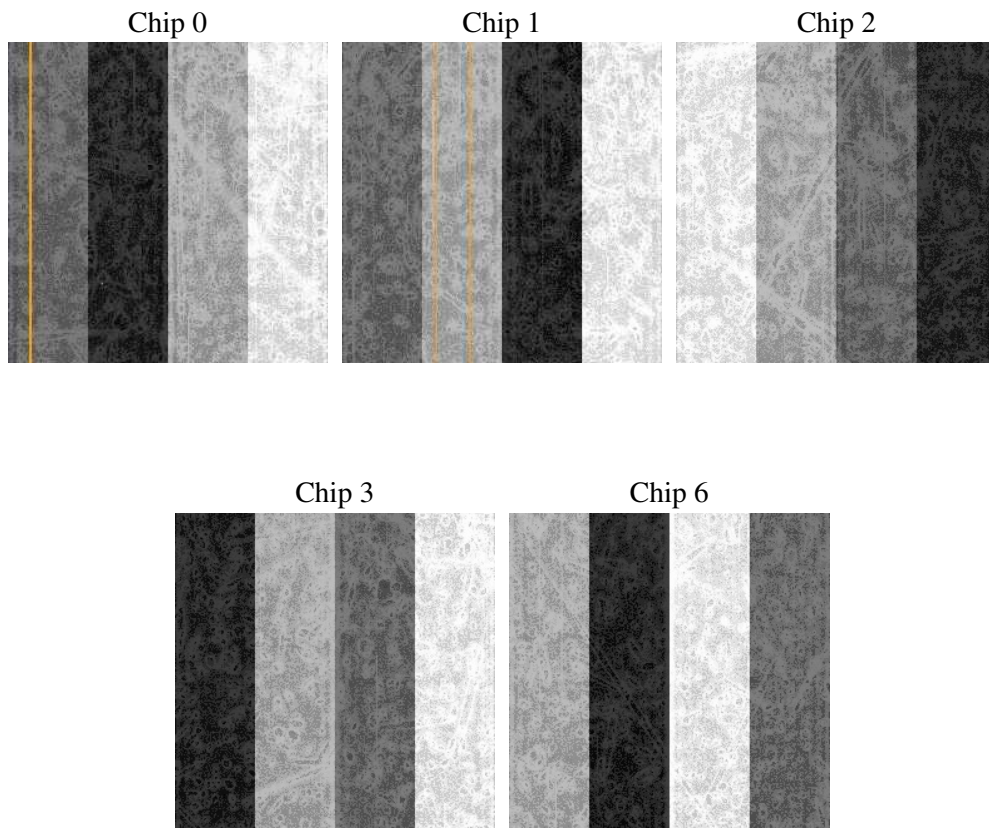
2 OBI

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	2006-05-01T15:18:23
revision	2

sched_exp_time	20000.000000
ontime	20102.422389418
ontime0	20108.704339832
ontime1	20108.704339832
ontime2	20108.704339832
ontime3	20102.422389418
ontime6	20108.704339832
l1events	595458

2.1.4 Events

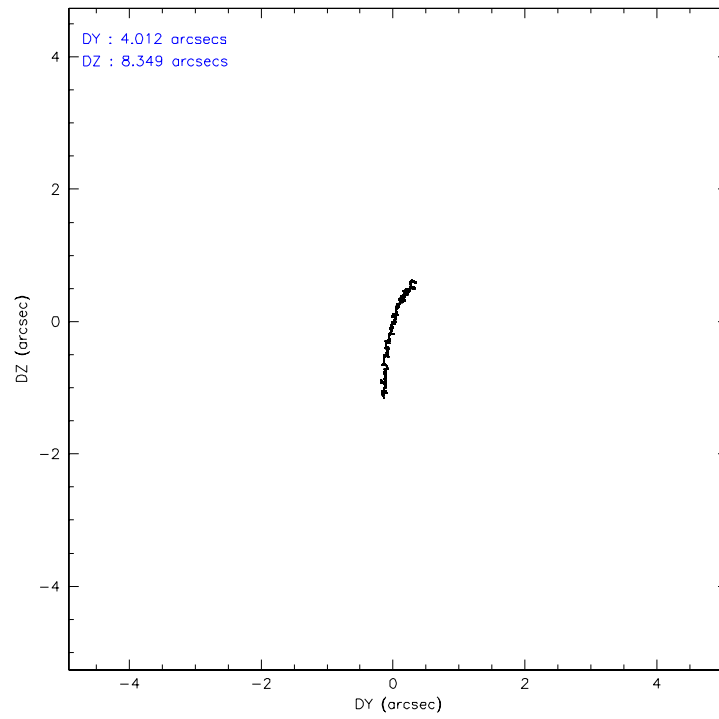
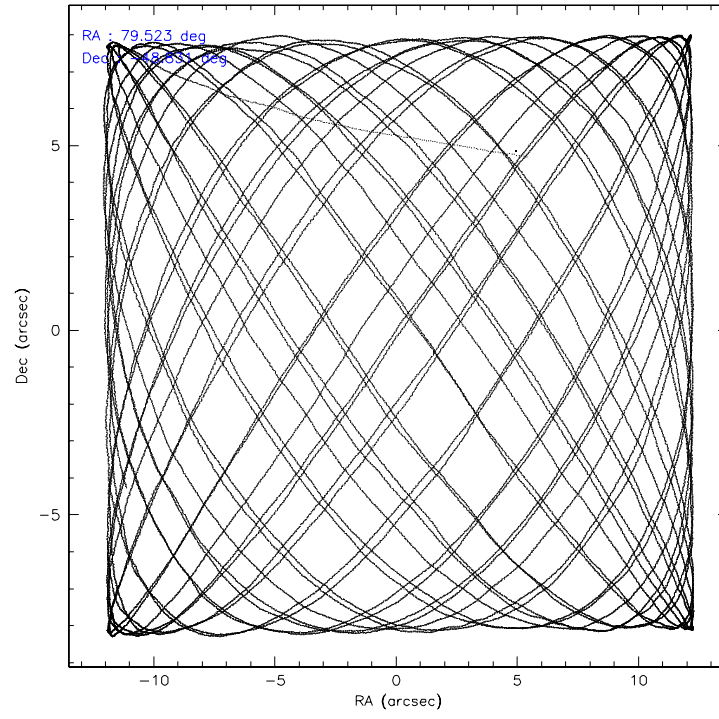
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	112718	116230	126912	119888	119710
rejected events	100882	101939	115279	108613	107453
rejected %	89%	87%	90%	90%	89%

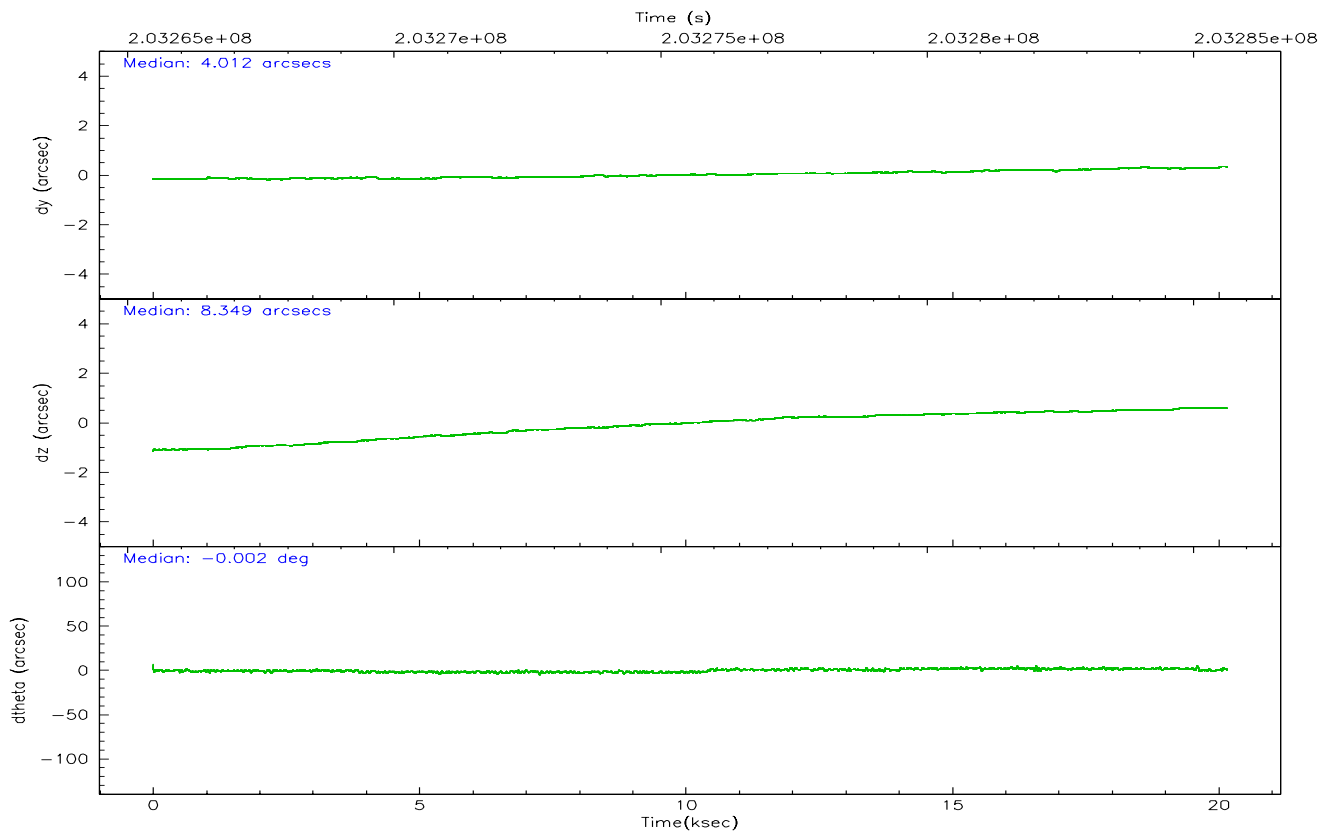
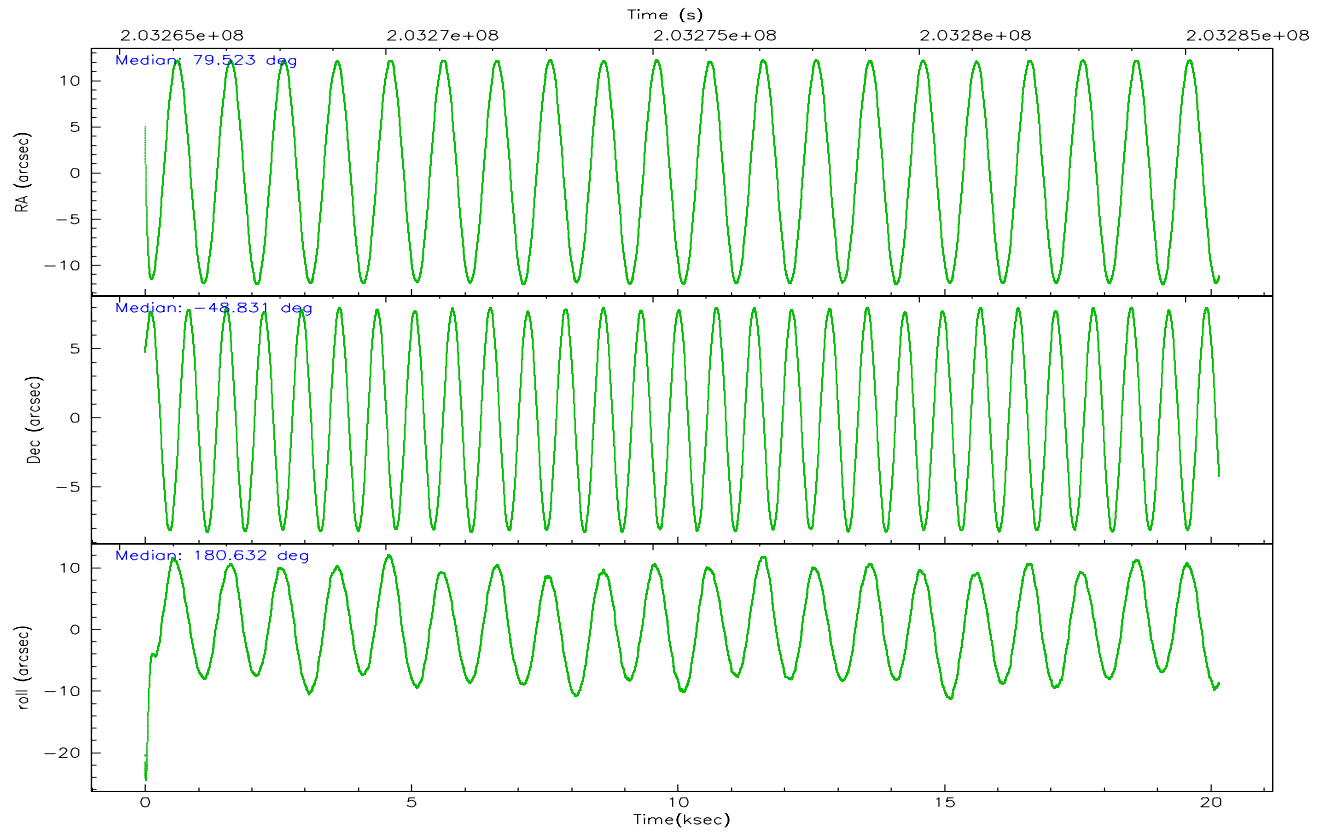
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3978	5535	4183	3892	4122
	3%	4%	3%	3%	3%
grade 1 events	41	65	59	63	44
	0%	0%	0%	0%	0%
grade 2 events	2743	2974	2616	2500	2715
	2%	2%	2%	2%	2%
grade 3 events	1443	1553	1335	1305	1400
	1%	1%	1%	1%	1%
grade 4 events	1301	1529	1378	1317	1417
	1%	1%	1%	1%	1%
grade 5 events	4306	4682	4074	4863	4721
	3%	4%	3%	4%	3%
grade 6 events	2374	2703	2126	2262	2609
	2%	2%	1%	1%	2%
grade 7 events	96532	97189	111141	103686	102682
	85%	83%	87%	86%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	NONE	NONE
Pointing RA	79.558760	79.52306676275045	Alternating exposures requested	N	N
Pointing Dec	-48.816658	-48.83069006274928	Primary exposure time	0.000000	3.1
Pointing Roll	180.457155	180.6389515389235			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	203265628.184000	203264674.5609			
Observation start date	2004-06-10T14:39:24	2004-06-10T14:24:34			
Observation end time	203285628.184000	203286312.82435			
Observation end date	2004-06-10T20:12:44	2004-06-10T20:25:12			
Read mode	TIMED	TIMED			

2.3 Aspect



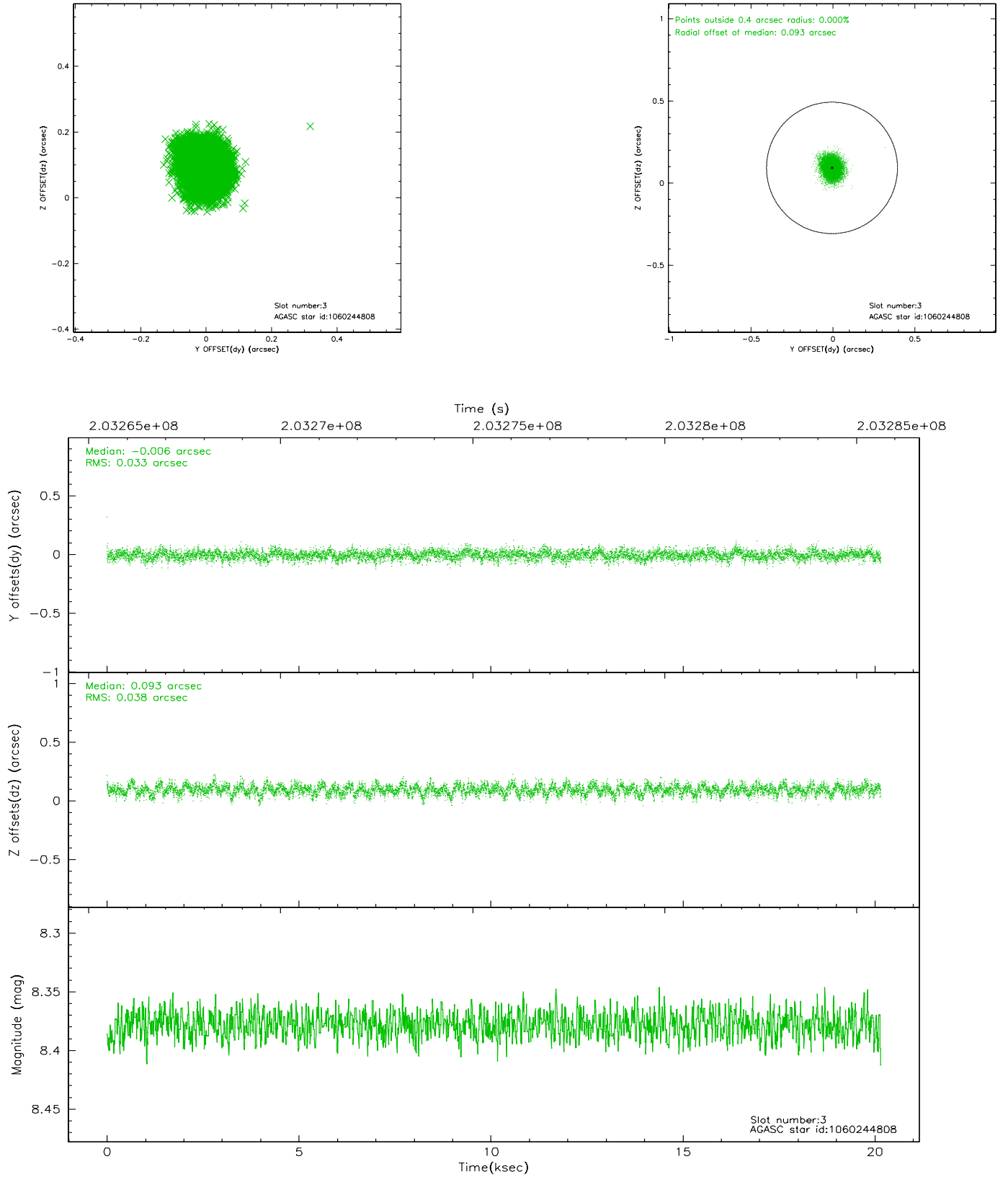


Slot Statistics

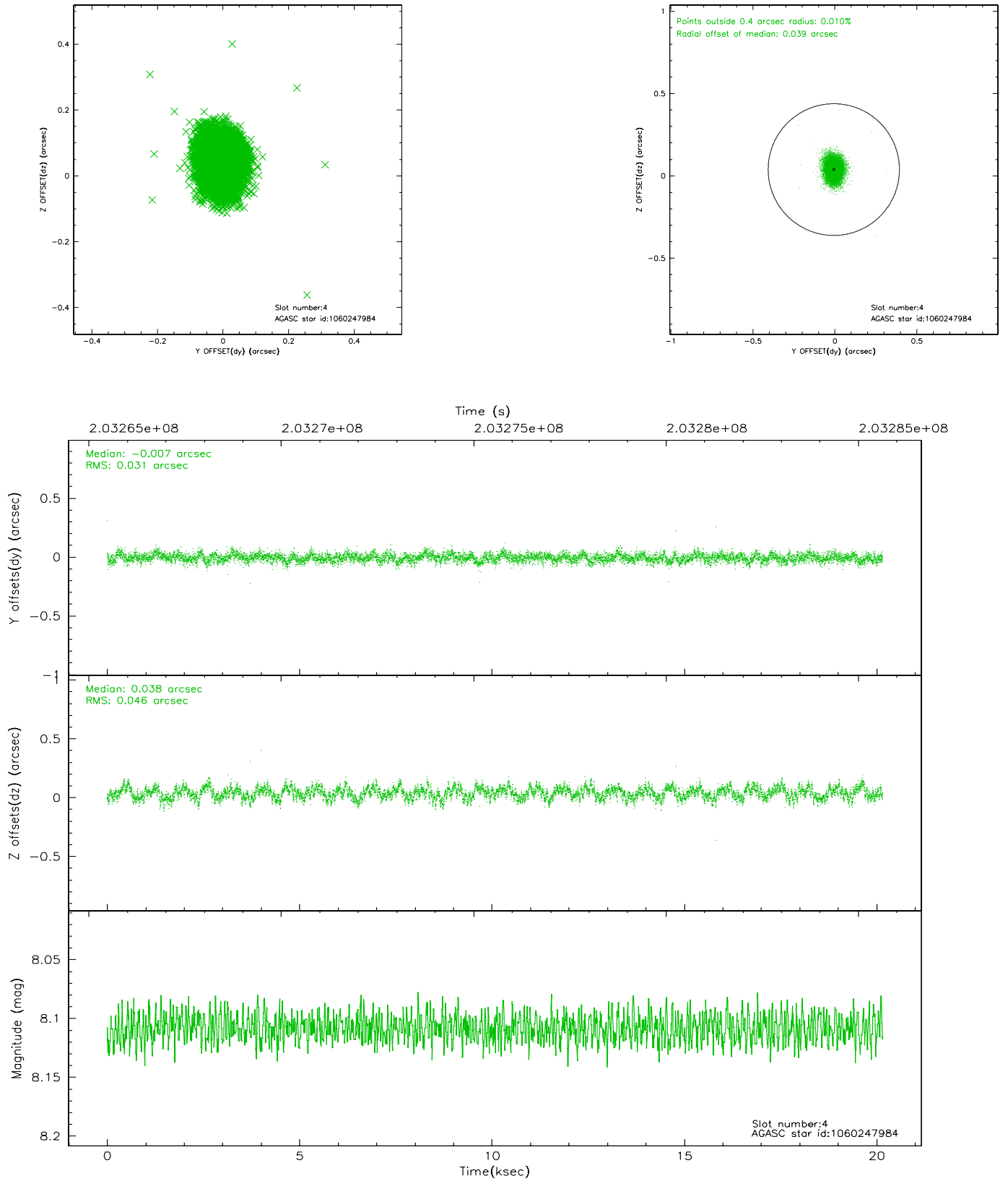
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	4918	-0.114	-0.027	0.016	0.030	0.000000	0.000000	-758.56	-838.05
1	FID	ACIS-I-4	7.17	4917	0.050	0.074	0.017	0.025	0.000000	0.000000	2155.57	1068.14
2	FID	ACIS-I-6	7.25	4918	-0.037	0.015	0.014	0.023	0.000000	0.000000	401.82	1710.47
3	GUIDE	1060244808	8.38	9835	-0.006	0.093	0.054	0.087	78.979100	-48.690695	1374.08	-458.06
4	GUIDE	1060247984	8.11	9835	-0.007	0.038	0.059	0.096	79.200991	-48.640794	846.08	-637.27
5	GUIDE	1060766192	8.87	9836	0.045	-0.060	0.073	0.119	80.252562	-49.173251	-1622.62	1304.31
6	GUIDE	1060771312	9.39	9830	-0.118	-0.093	0.087	0.148	79.424524	-48.911494	319.98	339.64
7	GUIDE	1060771792	9.42	9826	0.085	0.018	0.107	0.174	80.313577	-49.351204	-1754.83	1947.54

2.4 Star Slots

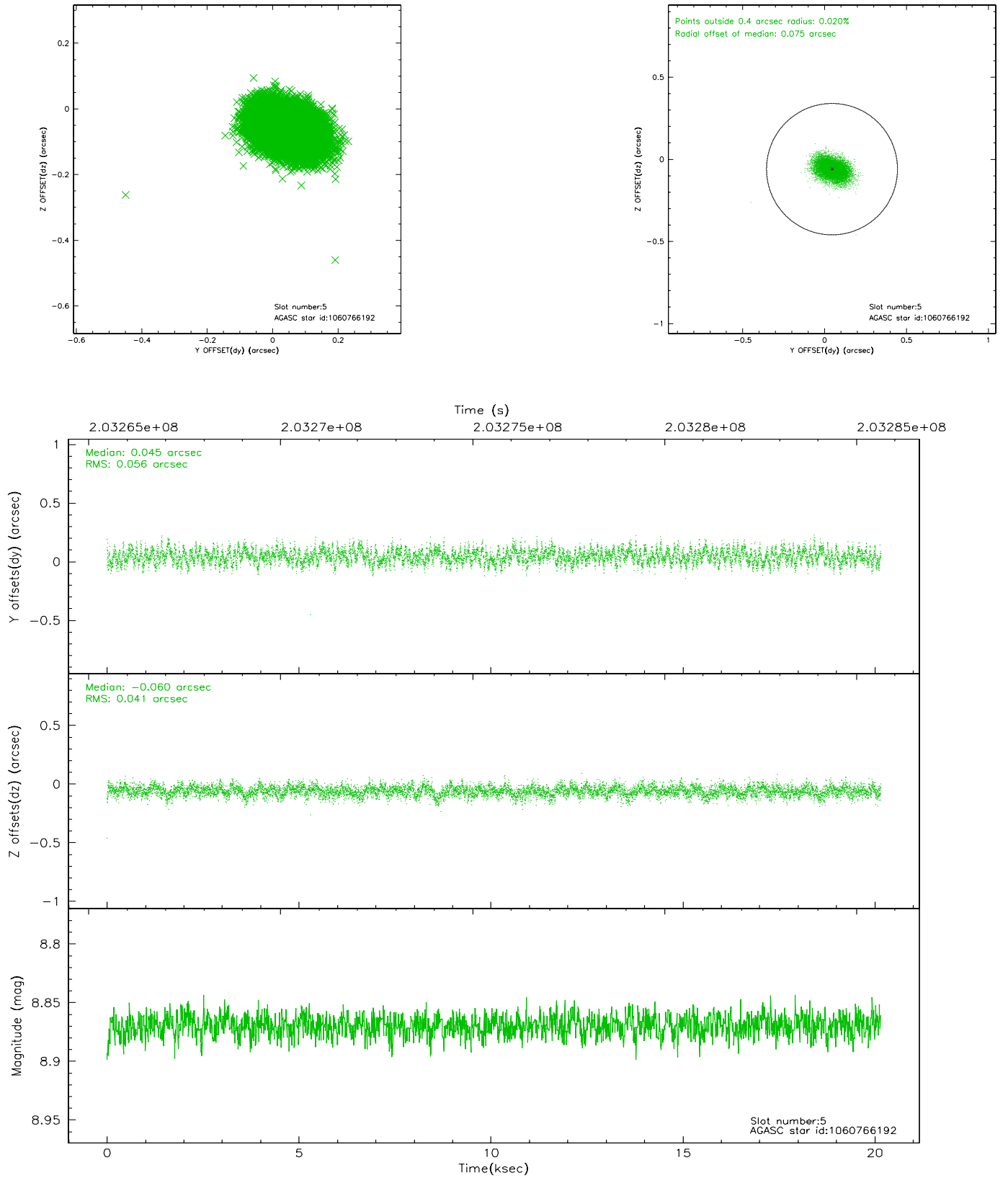
2.4.1 Slot 3



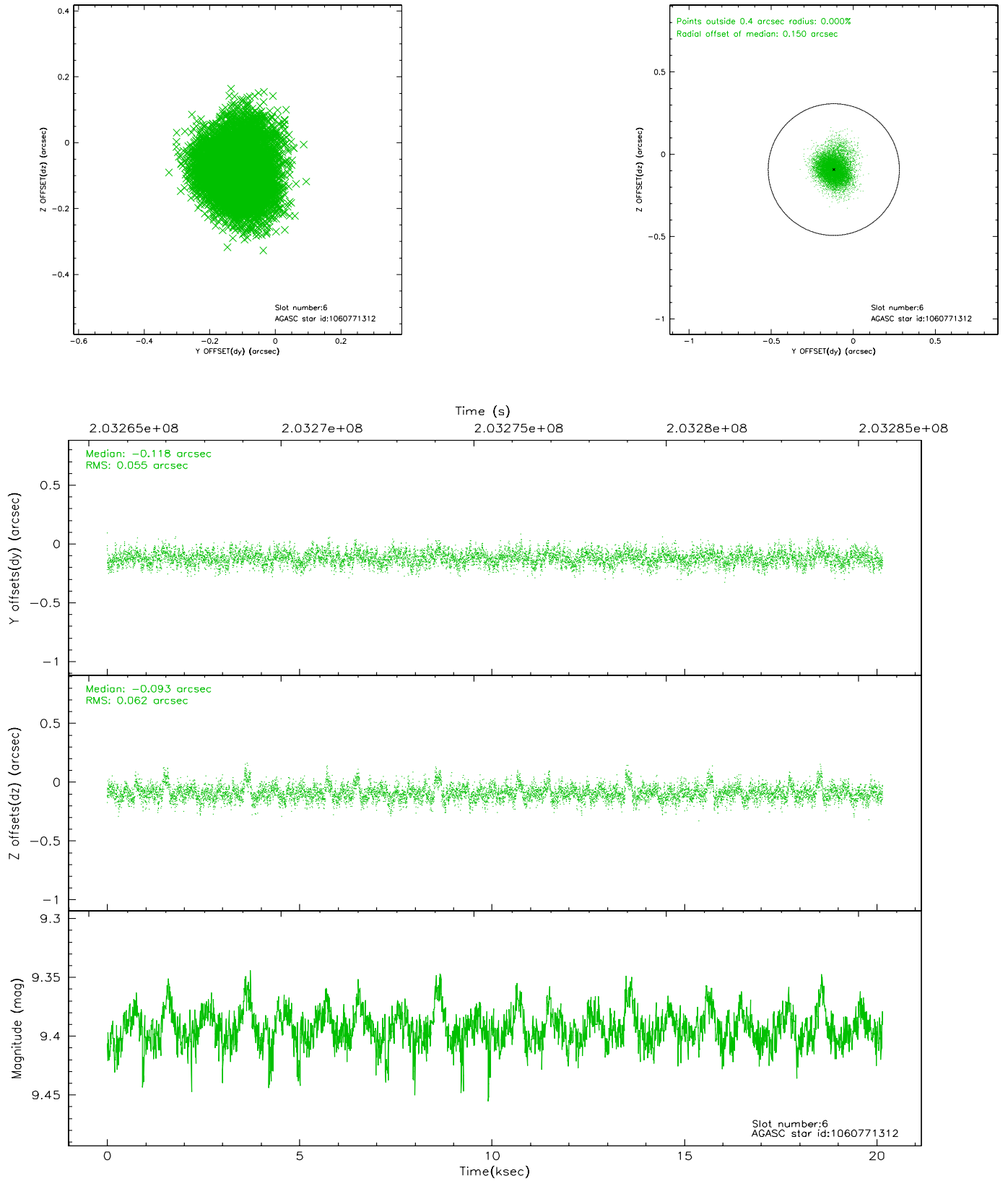
2.4.2 Slot 4



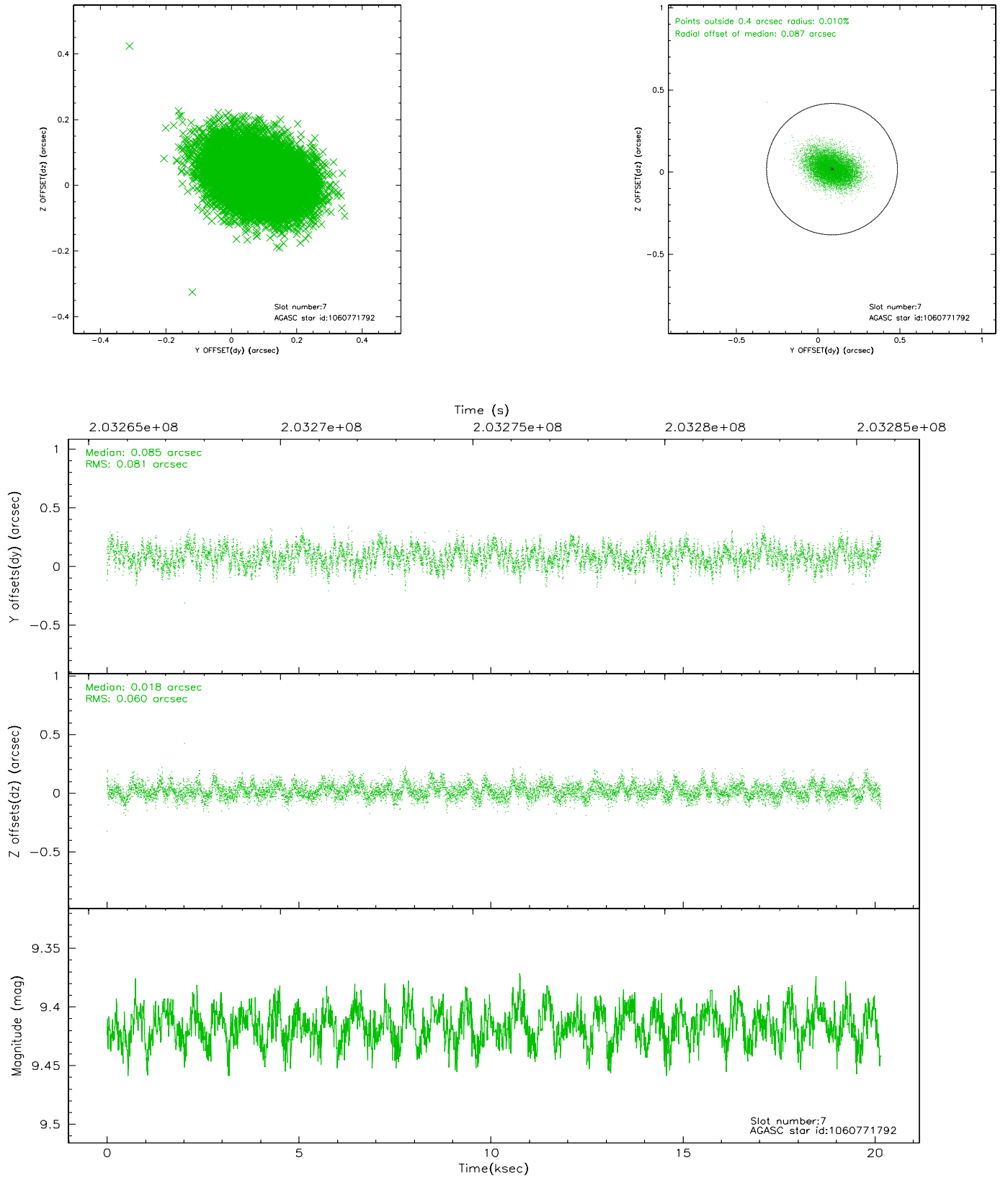
2.4.3 Slot 5



2.4.4 Slot 6

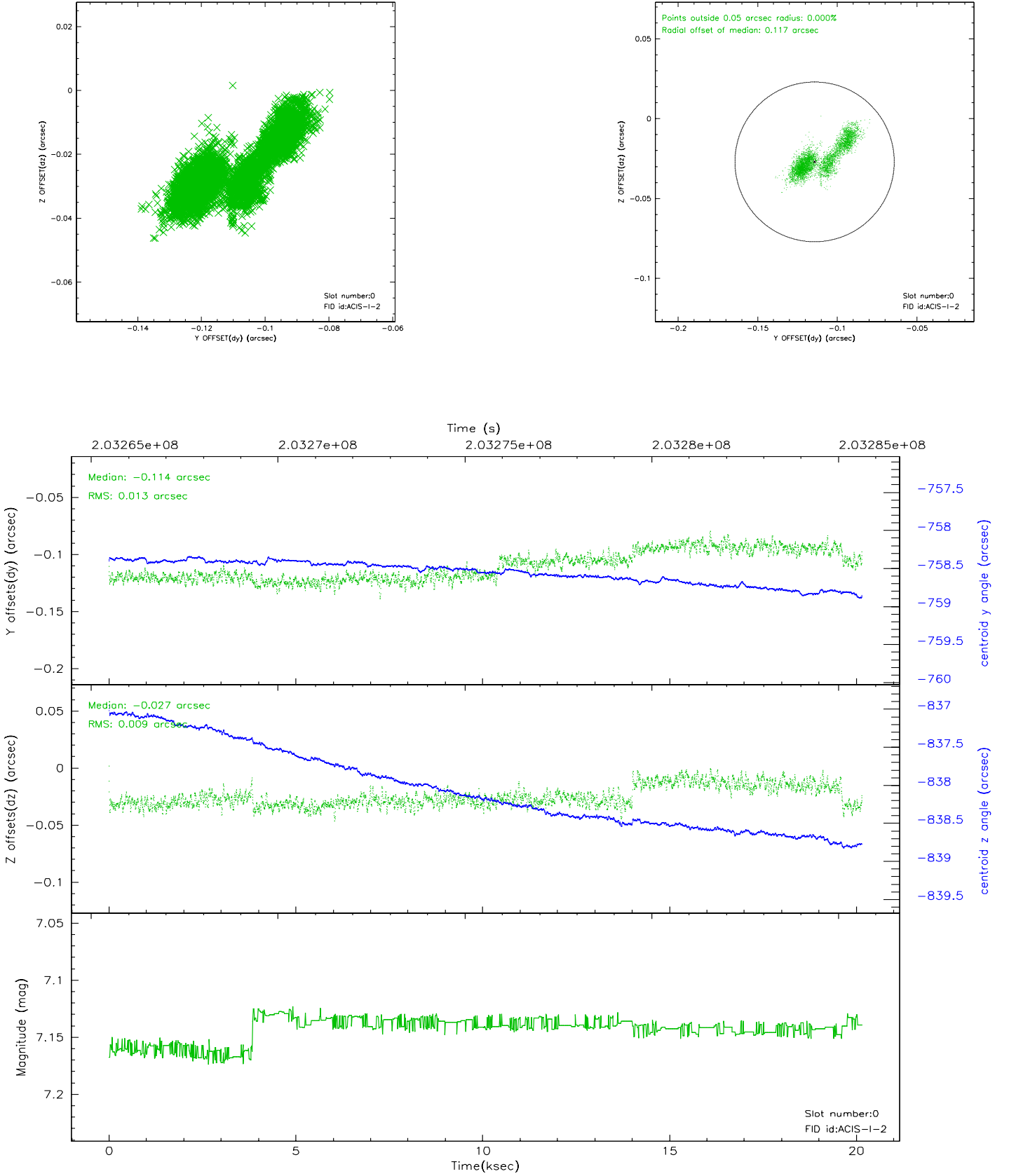


2.4.5 Slot 7

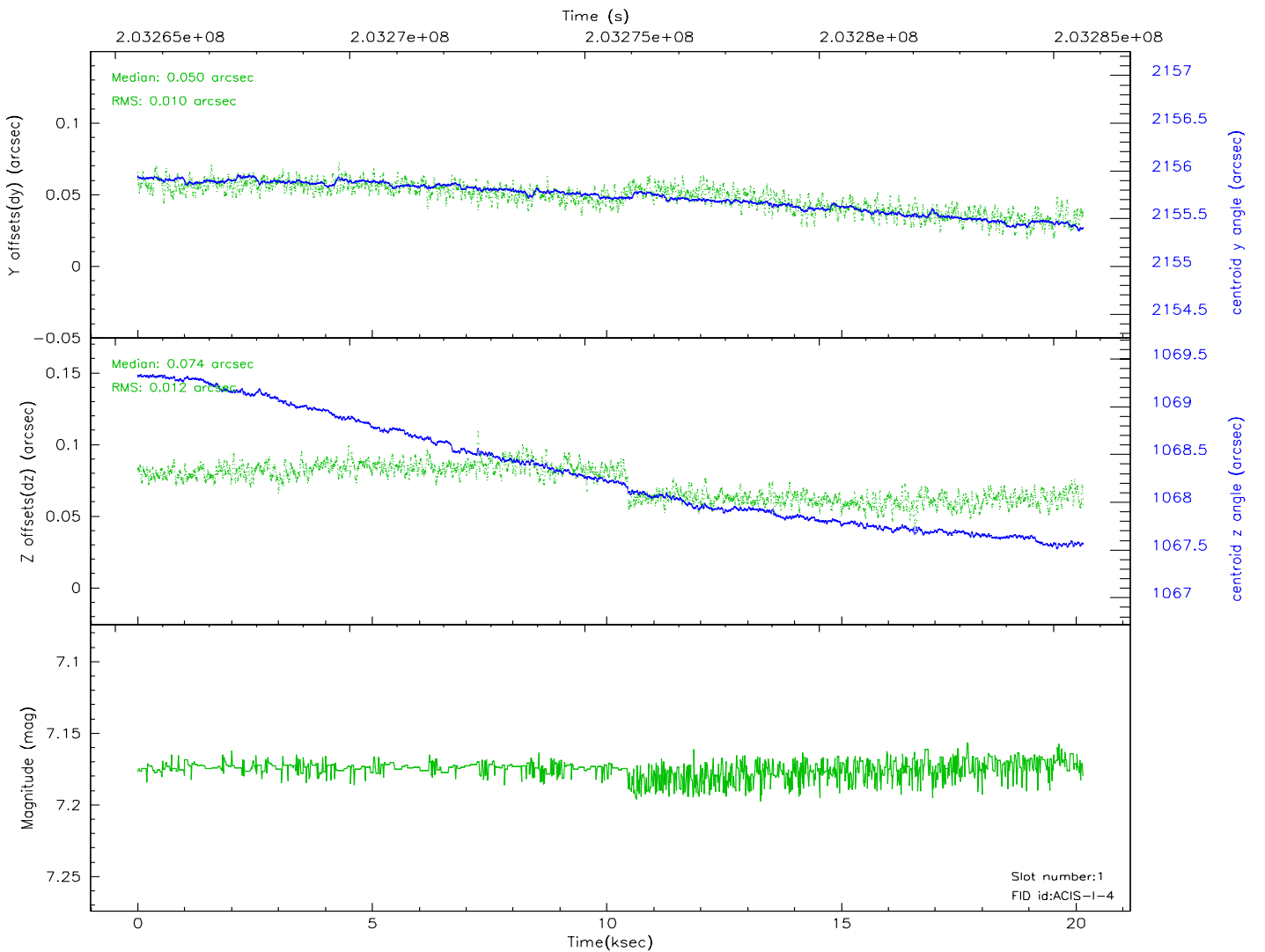
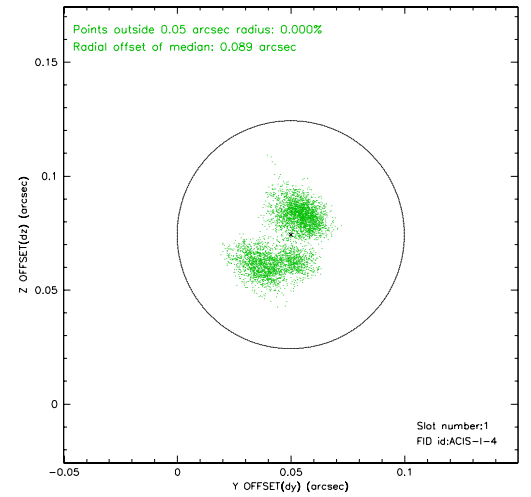
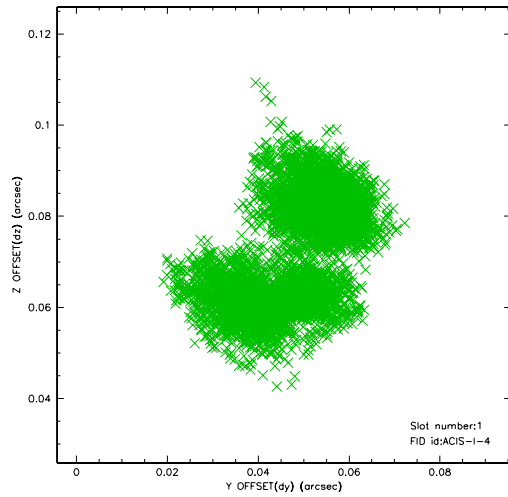


2.5 FID Slots

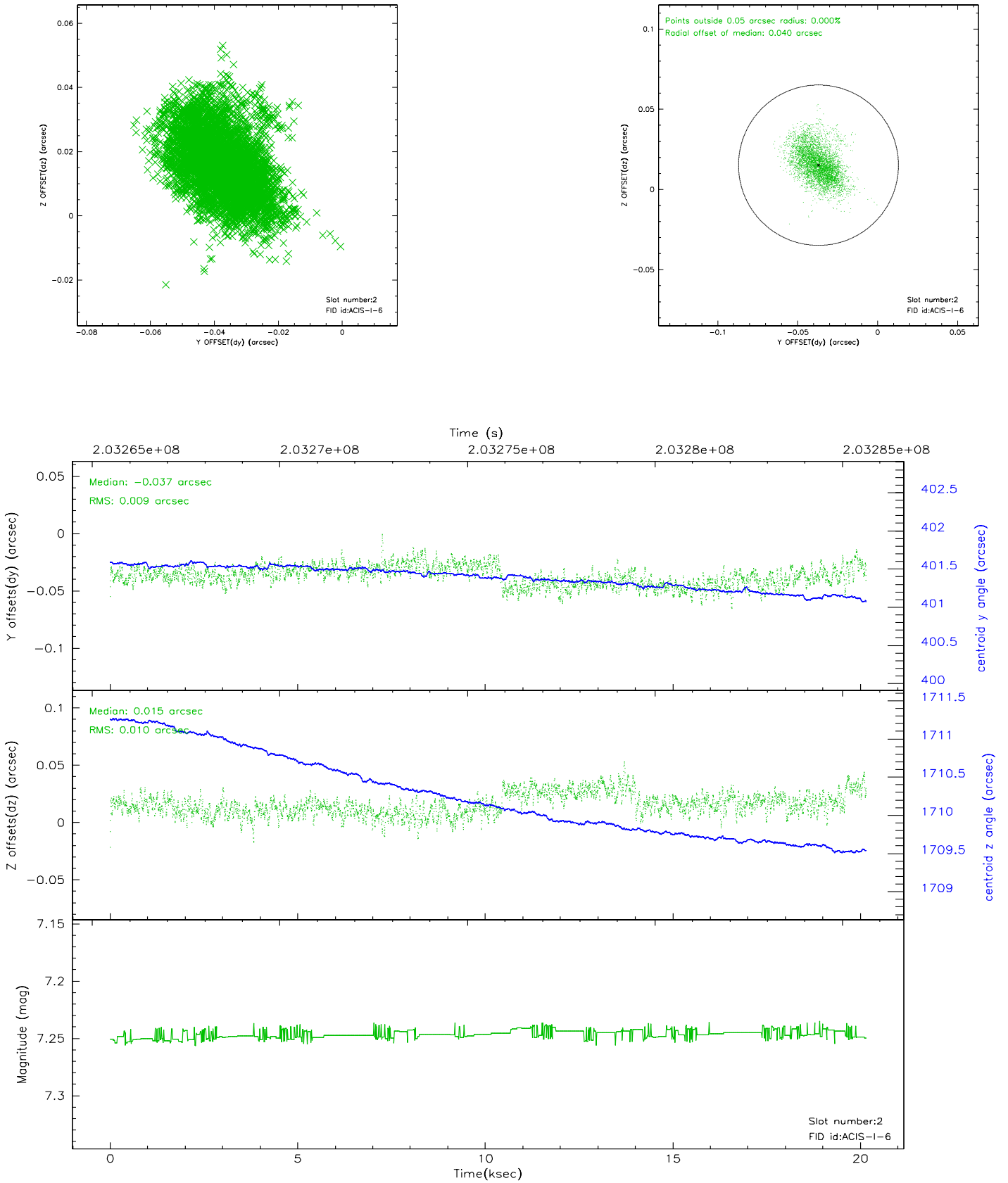
2.5.1 Slot 0



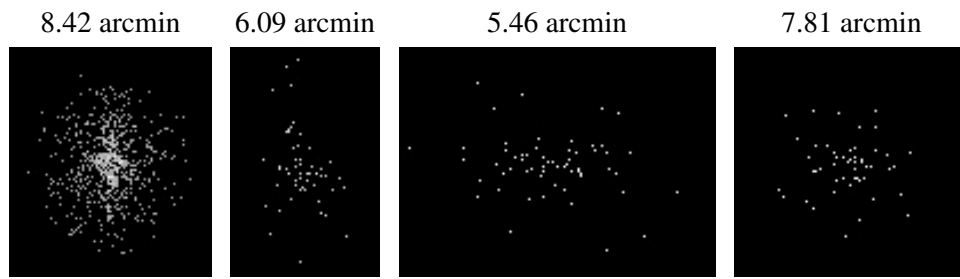
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.097

A.2 Comments