

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4983 - L2 Version 001
Chandra X-Ray Center

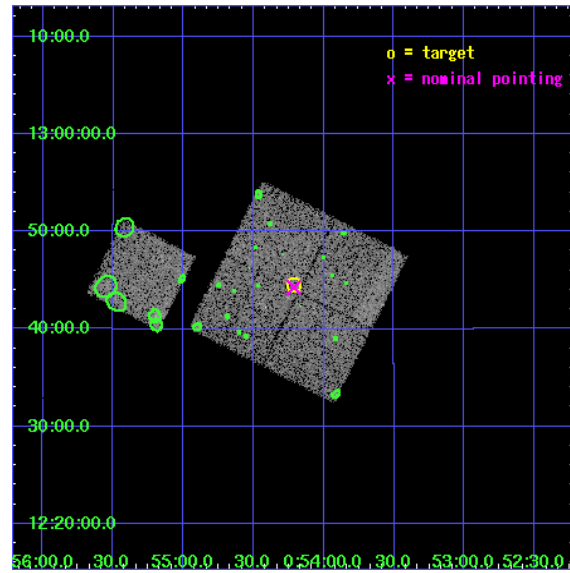
L2 Processing Date : Jun 4 2006

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1 Front

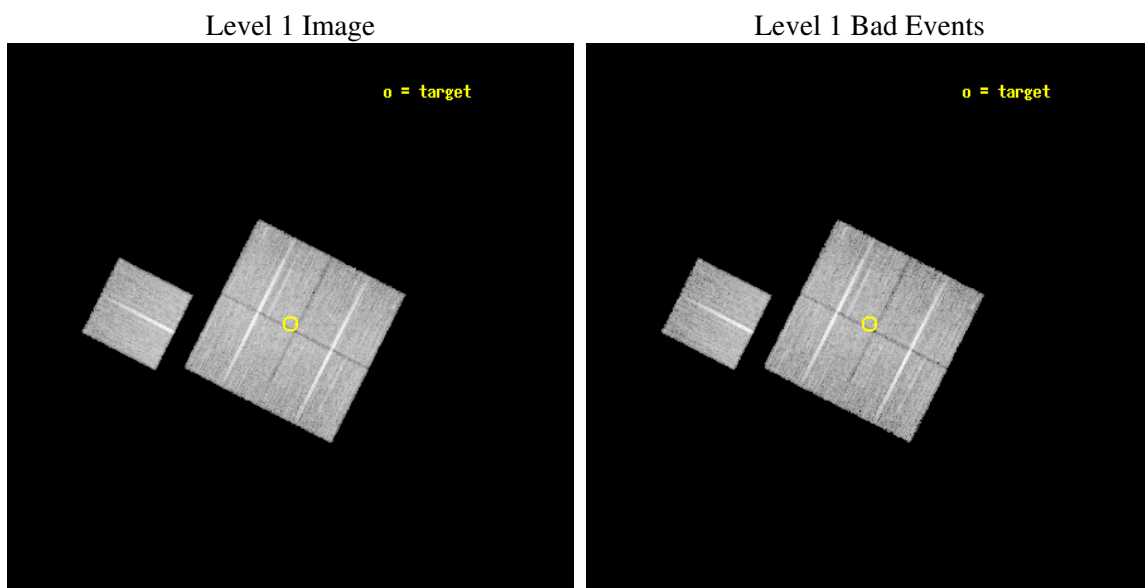
seq_num	800428
obs_id	4983
title	Chandra Observations of DLS Shear-Selected Clusters
observer	Prof. John Hughes
object	DLS J0054+1244
dtcycle	0
cycle	P
ra_targ	13.552917
dec_targ	12.742528
ra_nom	13.553232570656
dec_nom	12.737907005184
roll_nom	296.89118216228
revision	2
ontime	19846.077041209
livetime	19586.773434196
ontime0	19855.499961823
ontime1	19849.218001425
ontime2	19852.358991593
ontime3	19846.077041209
ontime6	19855.499961823
l2events	43703



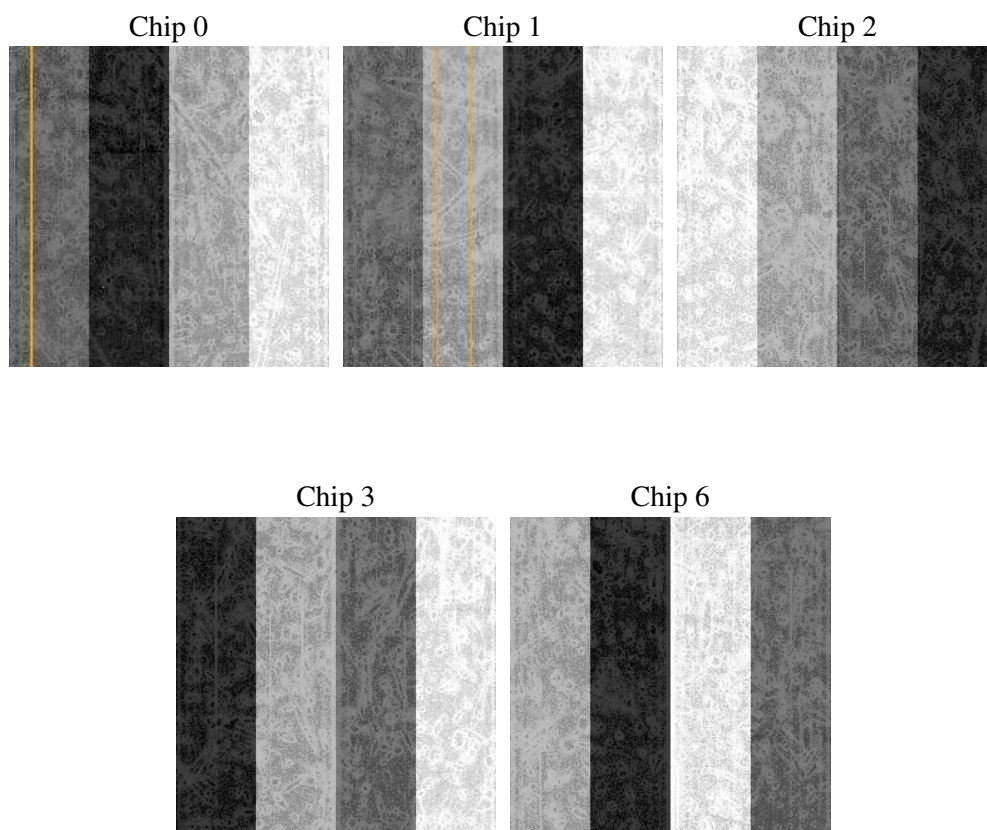
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T13:19:03
revision	2

sched_exp_time	19738.000000
ontime	19851.130427957
ontime0	19860.553348571
ontime1	19854.271368235
ontime2	19857.412378341
ontime3	19851.130427957
ontime6	19860.553348571
l1events	497136

2.1.4 Events

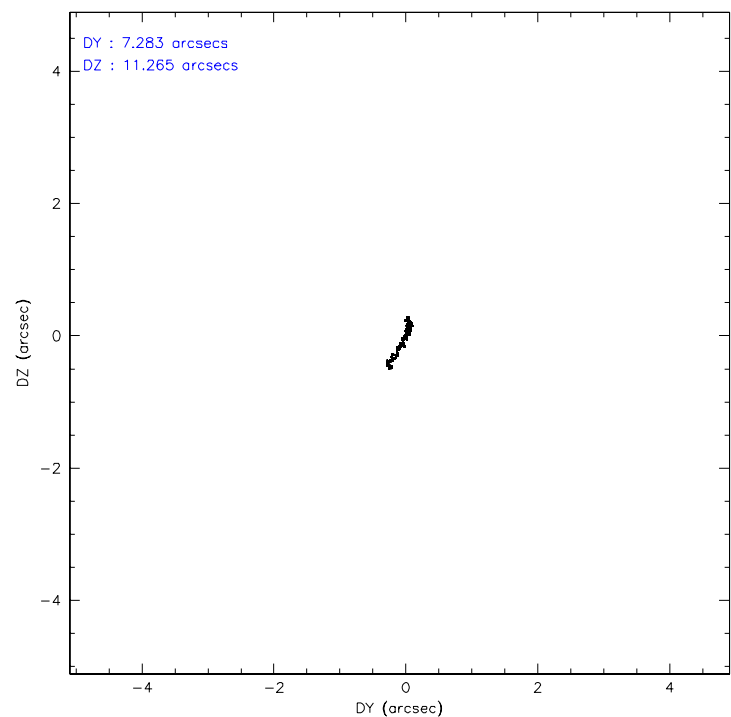
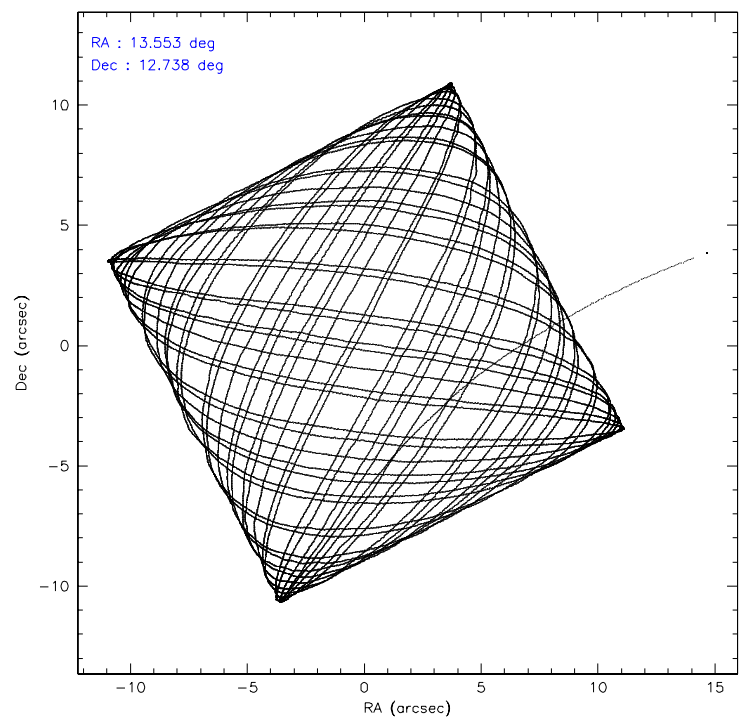
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	96130	94593	103696	100888	101829
rejected events	86093	83212	93382	91012	91152
rejected %	89%	87%	90%	90%	89%

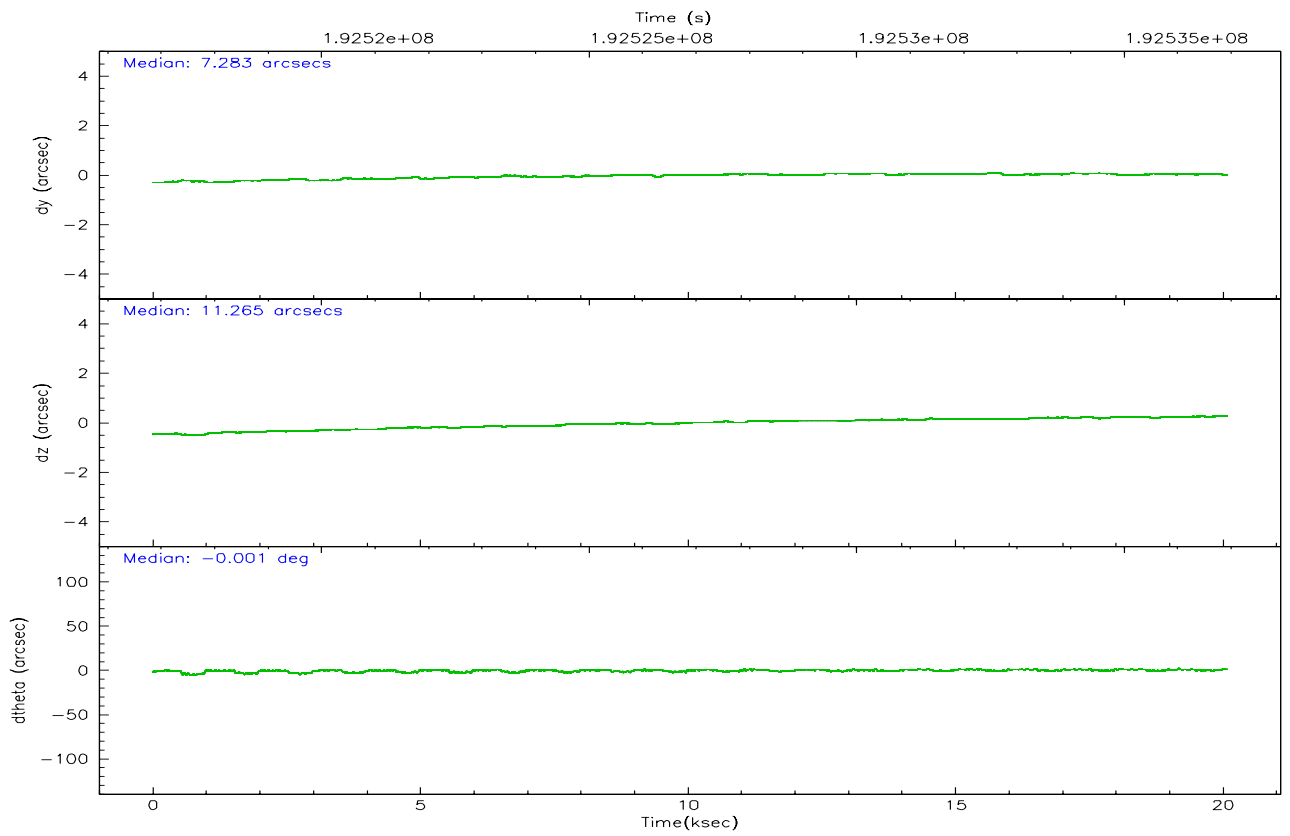
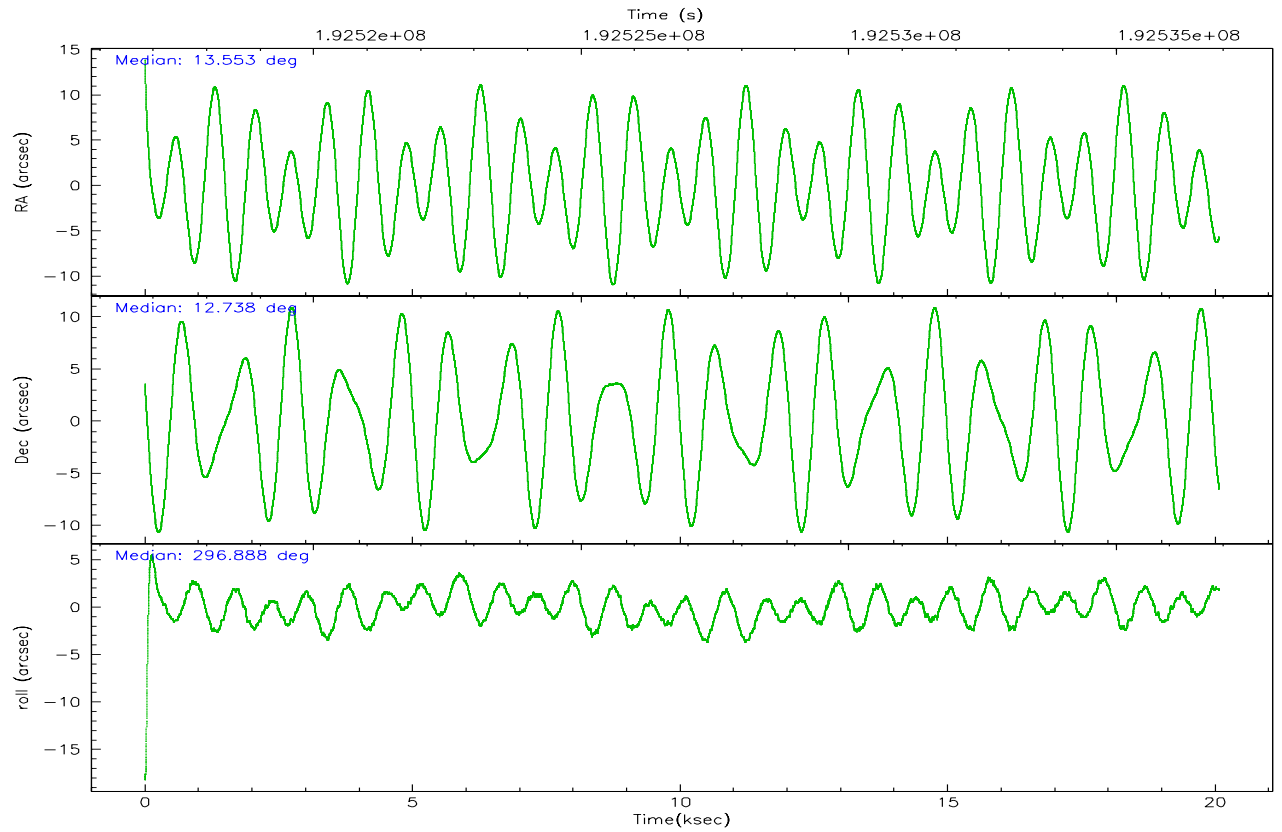
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3435	4137	3819	3456	3861
	3%	4%	3%	3%	3%
grade 1 events	45	51	36	57	63
	0%	0%	0%	0%	0%
grade 2 events	2338	2332	2397	2085	2197
	2%	2%	2%	2%	2%
grade 3 events	1191	1295	1148	1155	1165
	1%	1%	1%	1%	1%
grade 4 events	1057	1269	1152	1211	1180
	1%	1%	1%	1%	1%
grade 5 events	3647	3829	3344	4184	4045
	3%	4%	3%	4%	3%
grade 6 events	2017	2350	1801	1969	2274
	2%	2%	1%	1%	2%
grade 7 events	82400	79330	89999	86771	87044
	85%	83%	86%	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	13.529664	13.55323257065629	Alternating exposures requested	N	N
Pointing Dec	12.752772	12.73790700518395	Primary exposure time	0.000000	3.1
Pointing Roll	296.687712	296.8911821622821			
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	192517186.184000	192516134.58811			
Observation start date	2004-02-07T04:58:42	2004-02-07T04:42:14			
Observation end time	192536924.184000	192538508.80159			
Observation end date	2004-02-07T10:27:40	2004-02-07T10:55:08			
Read mode	TIMED	TIMED			

2.3 Aspect



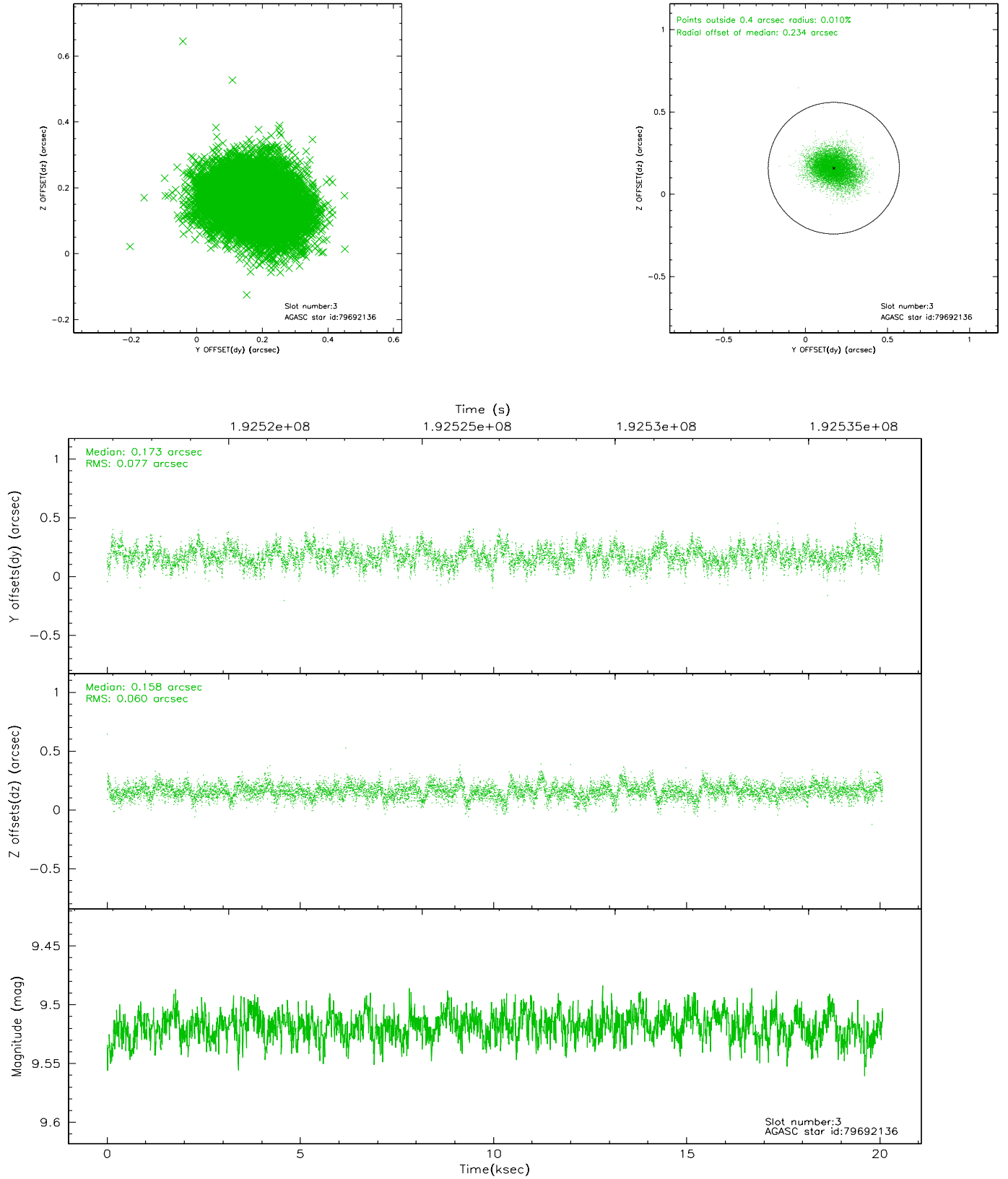


Slot Statistics

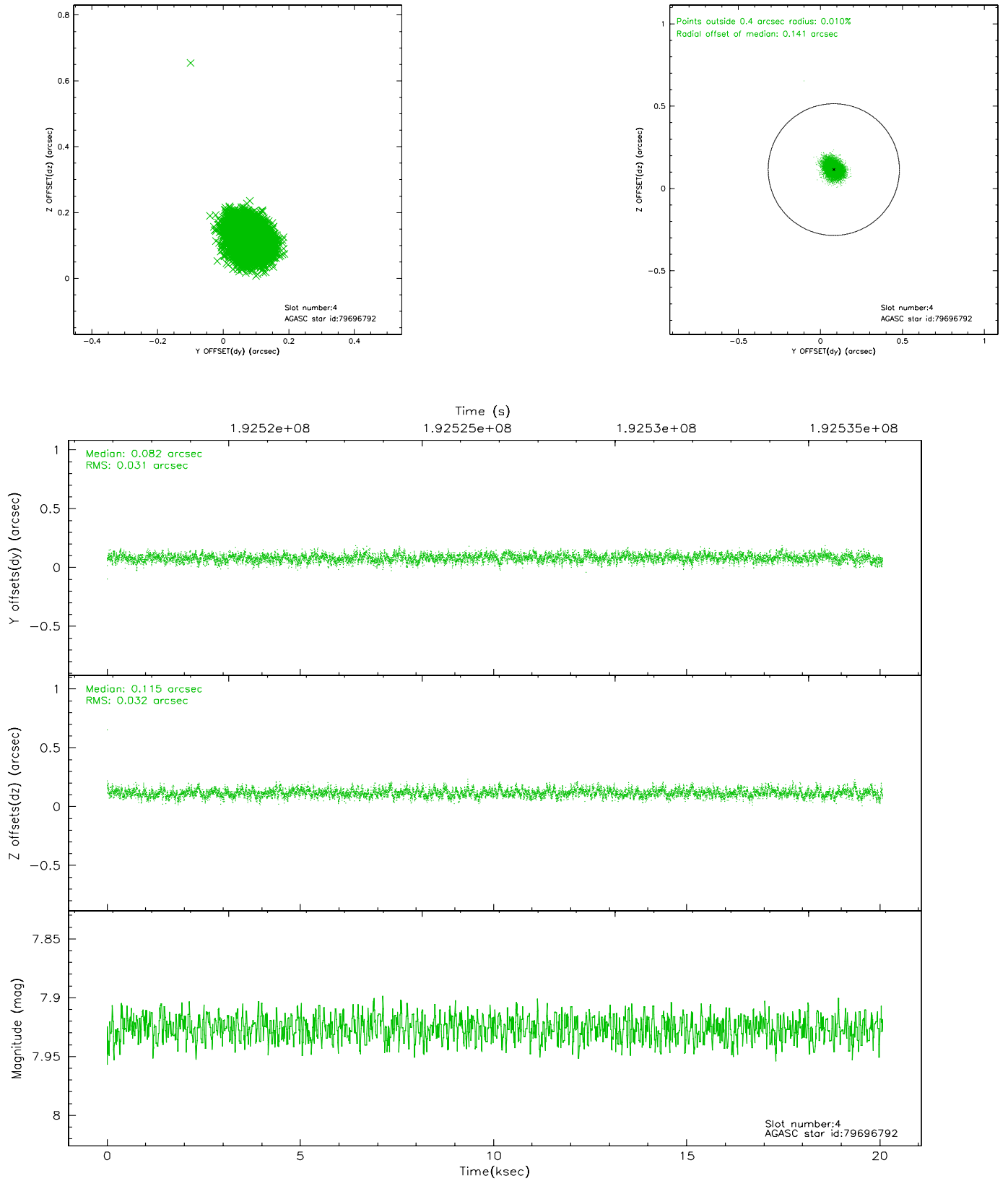
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	4897	0.014	0.014	0.011	0.019	0.000000	0.000000	932.43	-834.74
1	FID	ACIS-I-5	7.23	4896	-0.109	0.050	0.016	0.039	0.000000	0.000000	-1815.66	1062.74
2	FID	ACIS-I-6	7.25	4897	0.008	0.007	0.019	0.042	0.000000	0.000000	397.80	1707.38
3	GUIDE	79692136	9.52	9788	0.173	0.158	0.104	0.171	14.271473	12.477371	2053.78	1886.42
4	GUIDE	79696792	7.93	9792	0.082	0.115	0.047	0.077	14.340252	12.429848	2315.02	2026.60
5	GUIDE	80086608	8.72	9792	-0.057	-0.078	0.071	0.115	14.121497	12.713247	1058.69	1794.38
6	GUIDE	80087120	6.97	9794	-0.005	-0.434	0.047	0.075	12.895367	12.784771	-1105.01	-1936.69
7	GUIDE	80089088	9.27	9788	-0.192	0.238	0.089	0.142	13.088191	13.121971	-1883.83	-785.36

2.4 Star Slots

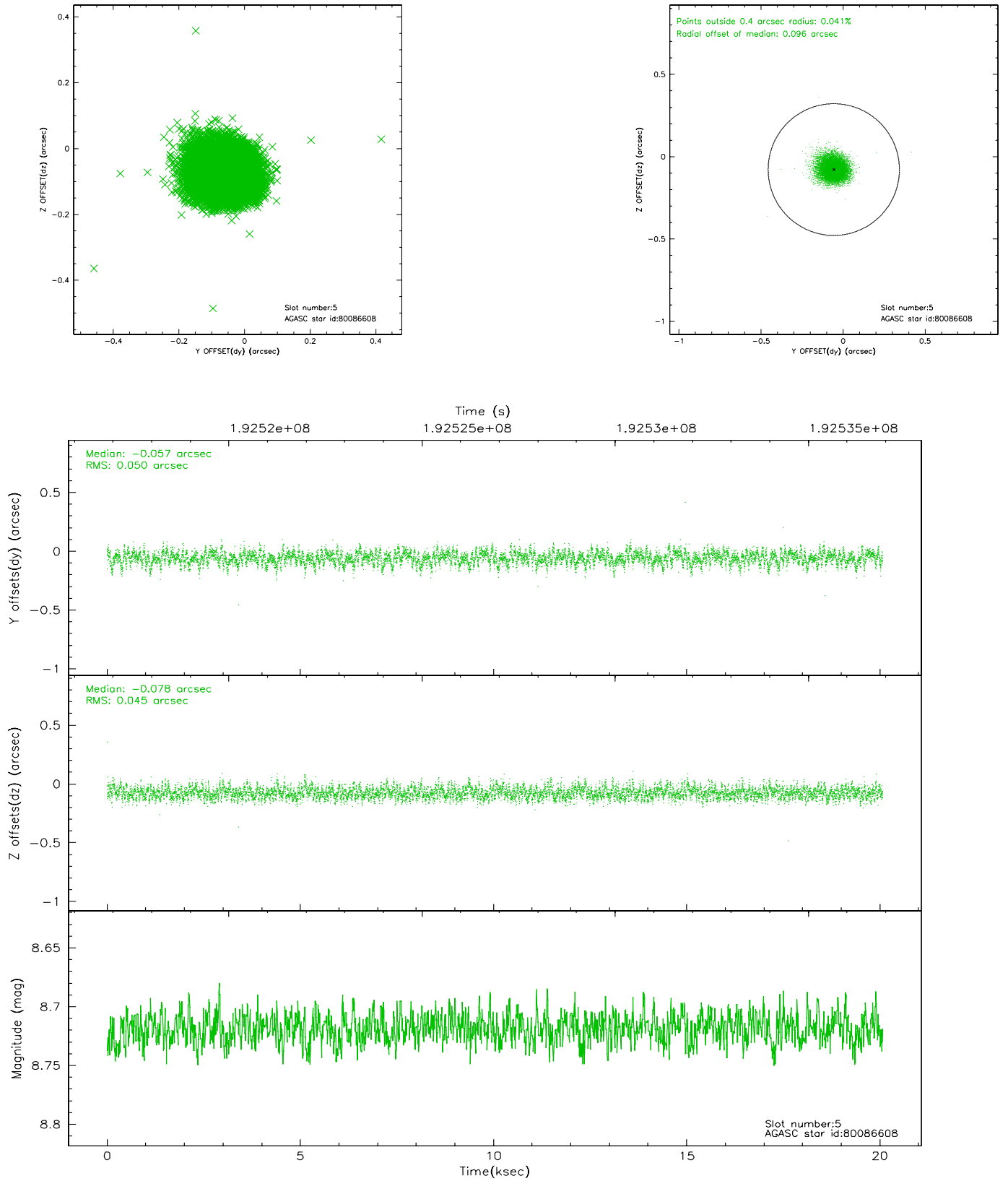
2.4.1 Slot 3



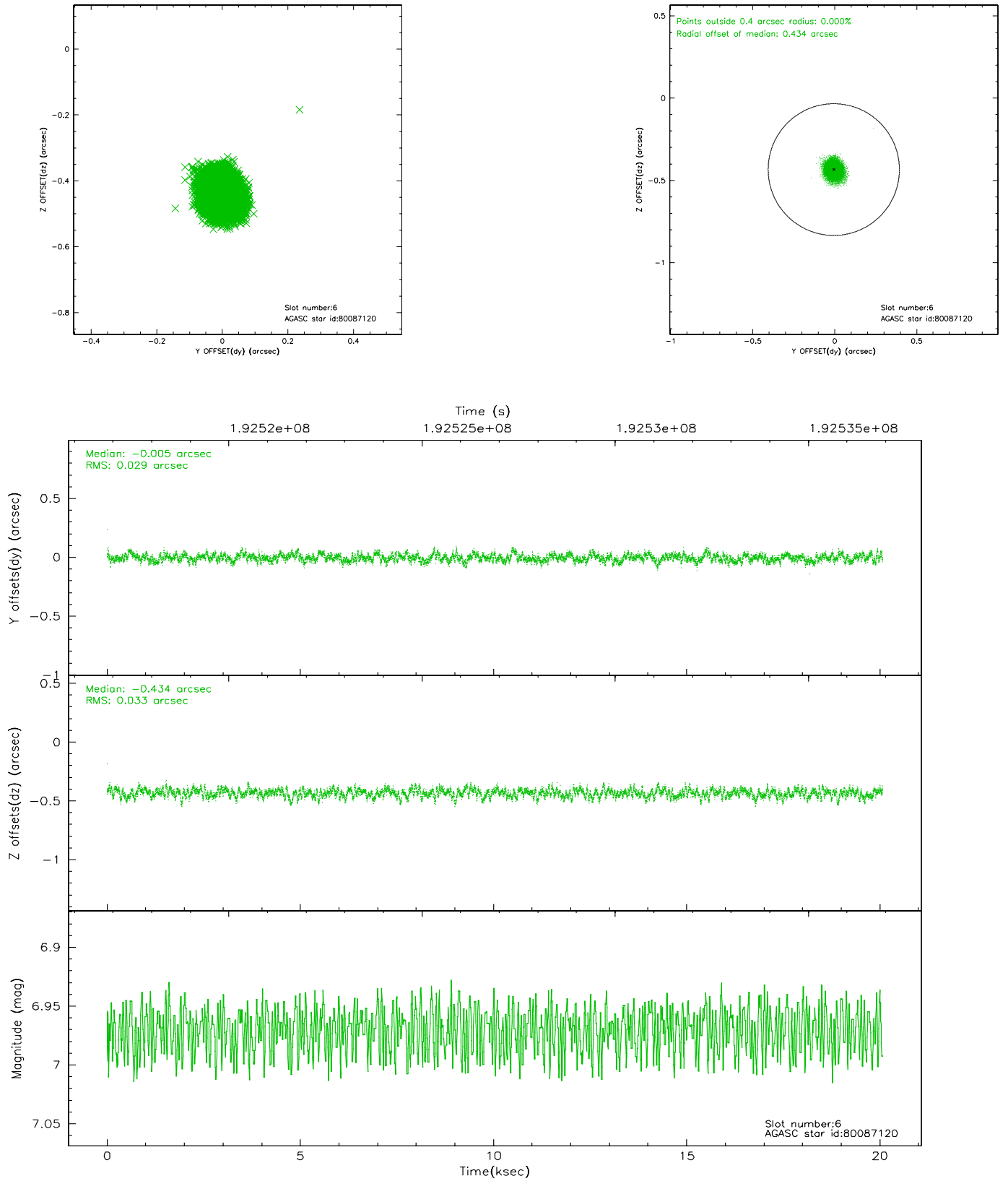
2.4.2 Slot 4



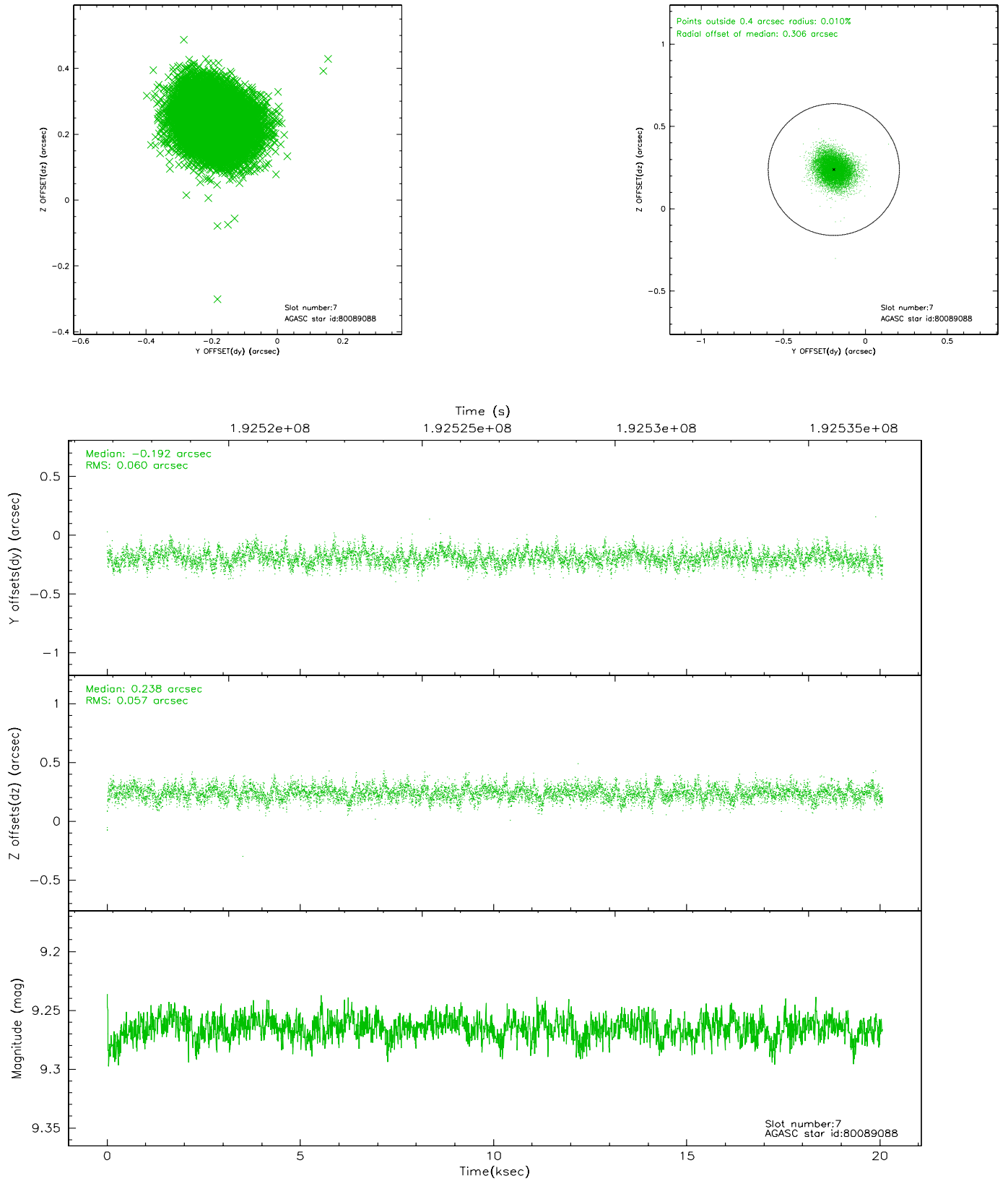
2.4.3 Slot 5



2.4.4 Slot 6

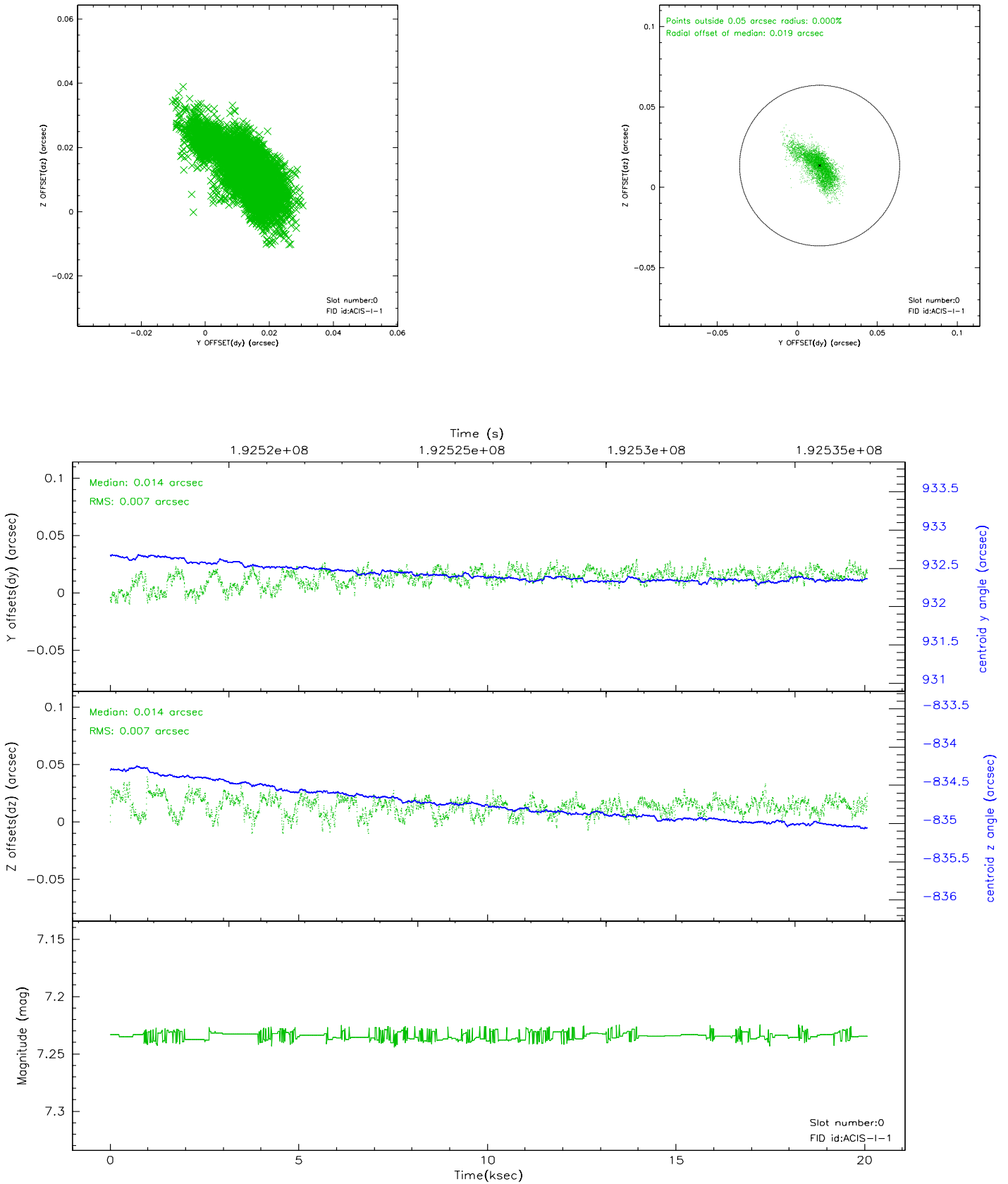


2.4.5 Slot 7

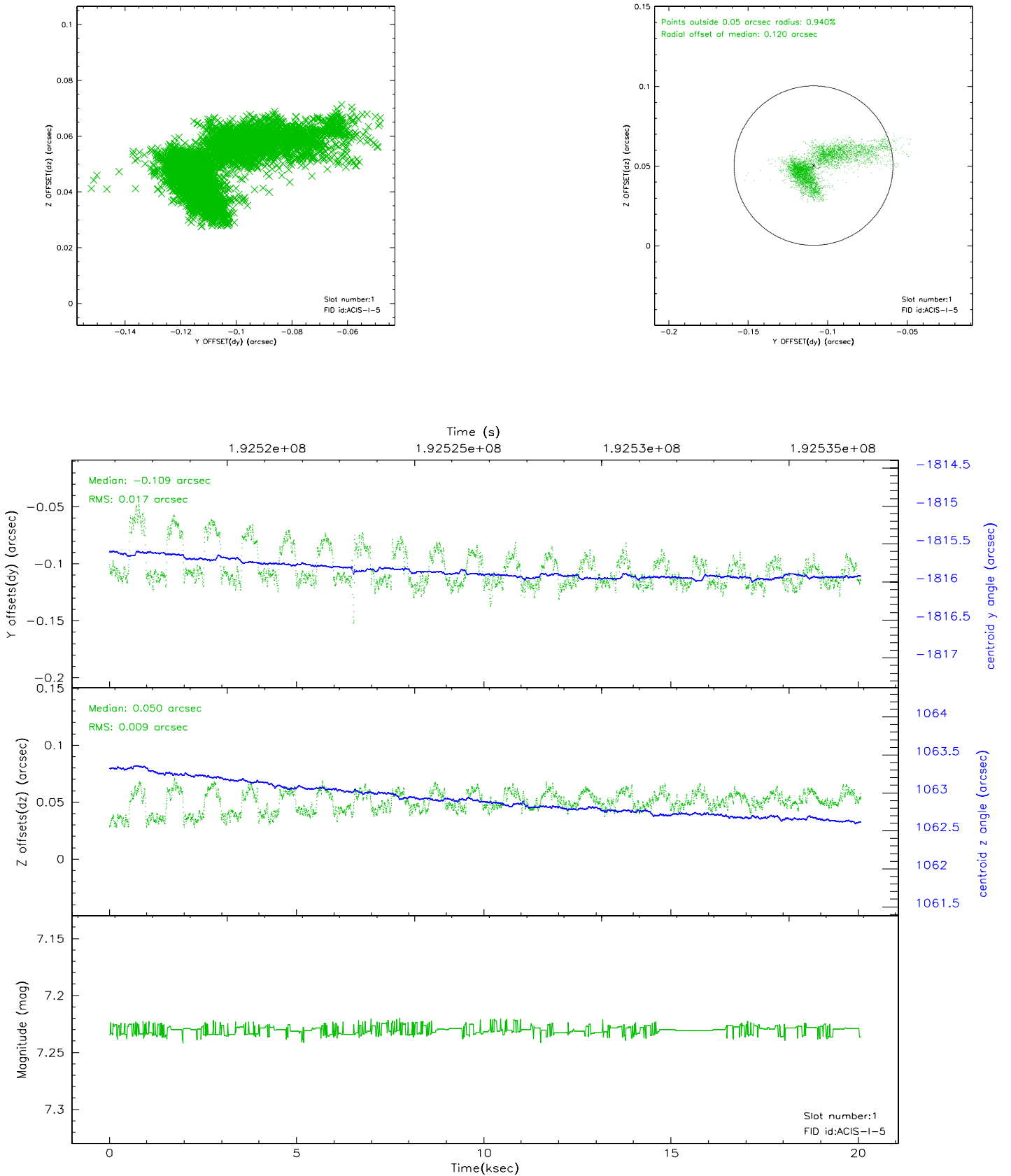


2.5 FID Slots

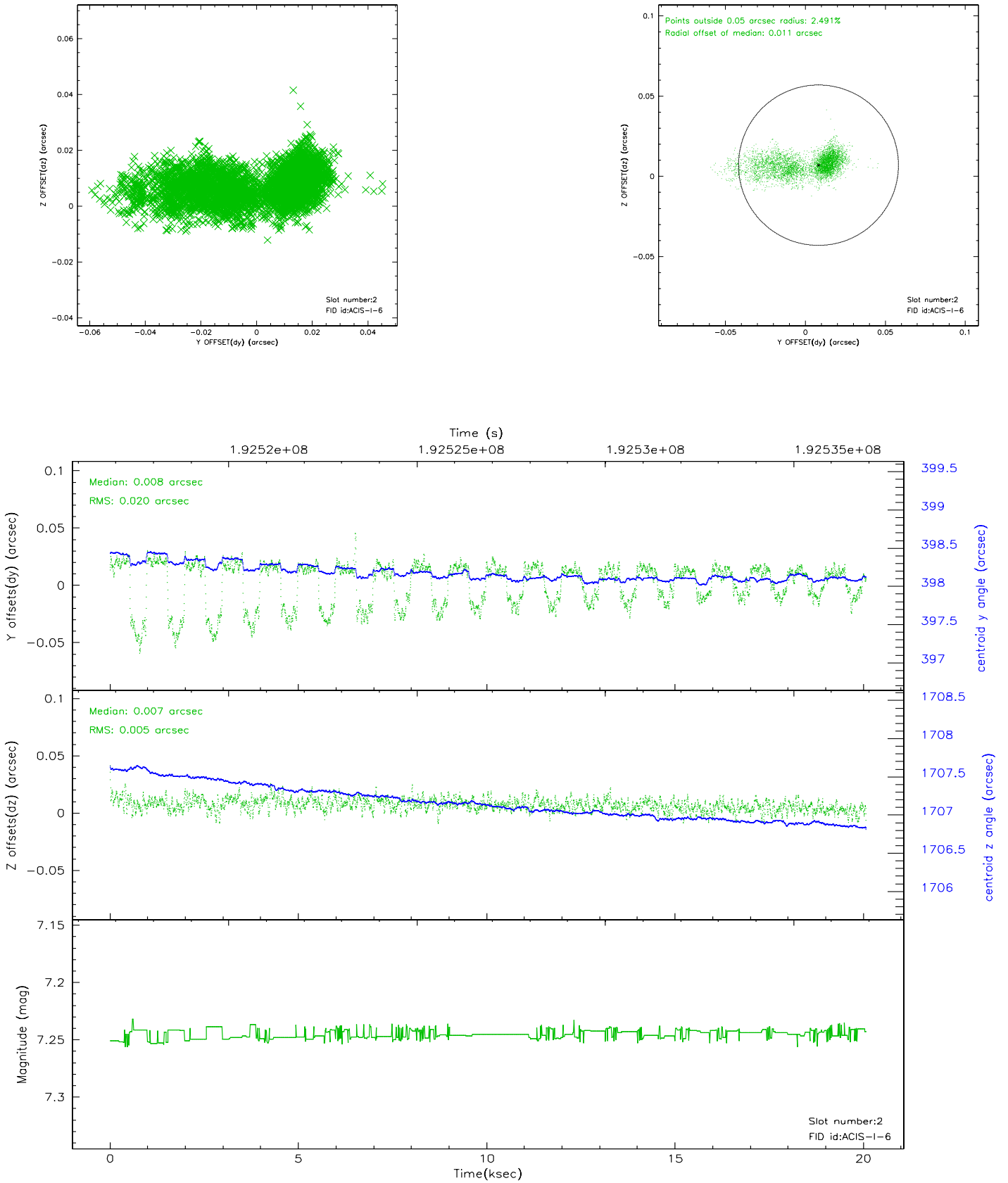
2.5.1 Slot 0



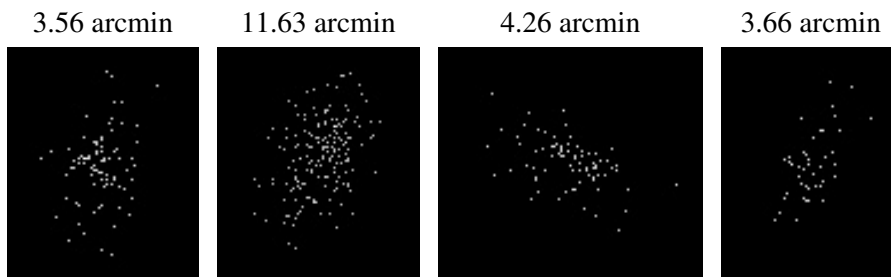
2.5.2 Slot 1



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	19.846

A.2 Comments