

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4164 - L2 Version 001
Chandra X-Ray Center

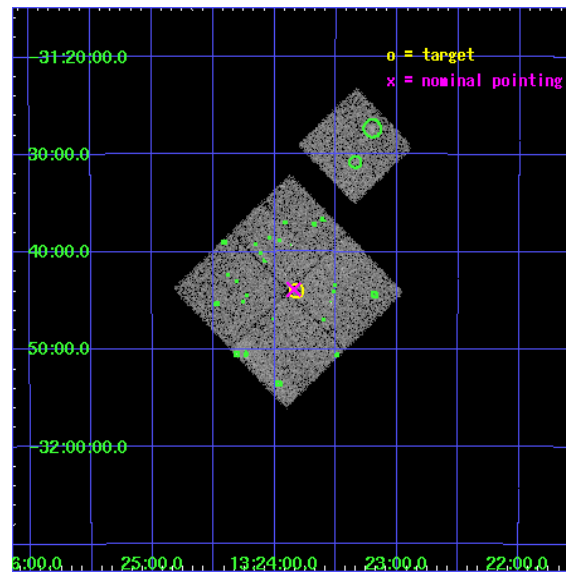
L2 Processing Date : Jul 22 2006

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1 Front

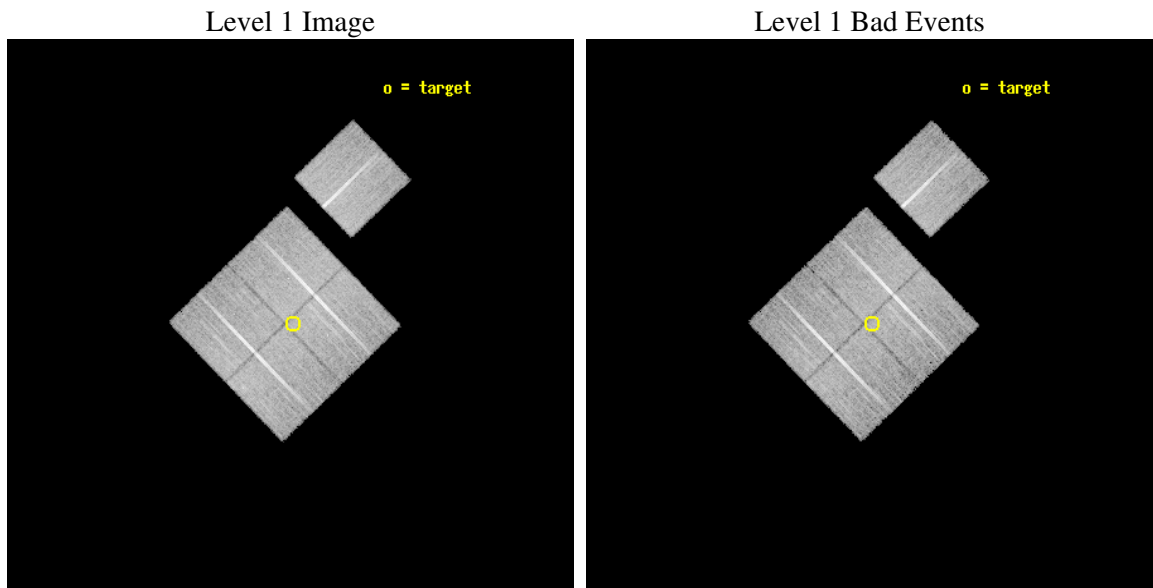
seq_num	800320
obs_id	4164
title	SPATIALLY RESOLVED OBSERVATION OF A MAJOR MERGING EVENT IN THE SHAPLEY SUPERCLUSTER
observer	DR STEFANO ETTORI
object	A3556
dtcycle	0
cycle	P
ra_targ	200.955833
dec_targ	-31.733056
ra_nom	200.96083638631
dec_nom	-31.731258937999
roll_nom	45.934253929022
revision	2
ontime	20050.75906083
livetime	19788.781132546
ontime0	20044.477000773
ontime1	20047.617961138
ontime2	20041.336030602
ontime3	20050.75906083
ontime6	20047.618000984
l2events	53838



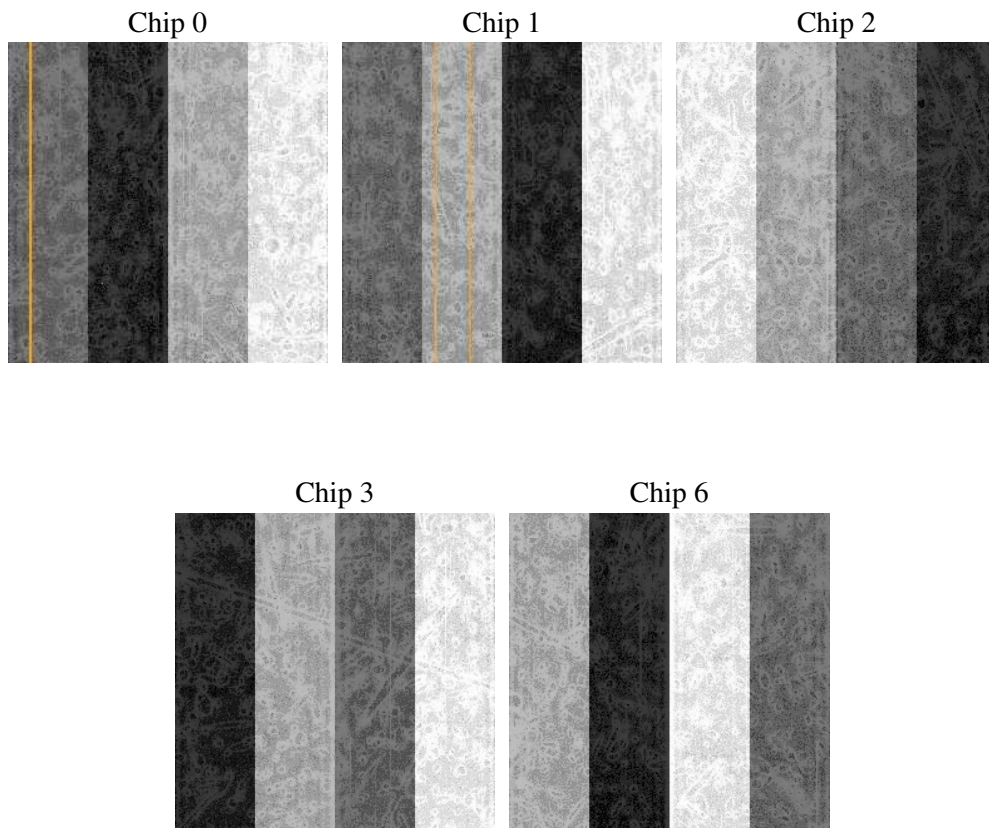
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-22T16:32:43
revision	2

sched_exp_time	20282.752000
ontime	20055.343693346
ontime0	20052.202653378
ontime1	20052.202593654
ontime2	20045.920663118
ontime3	20055.343693346
ontime6	20055.343653589
l1events	541911

2.1.4 Events

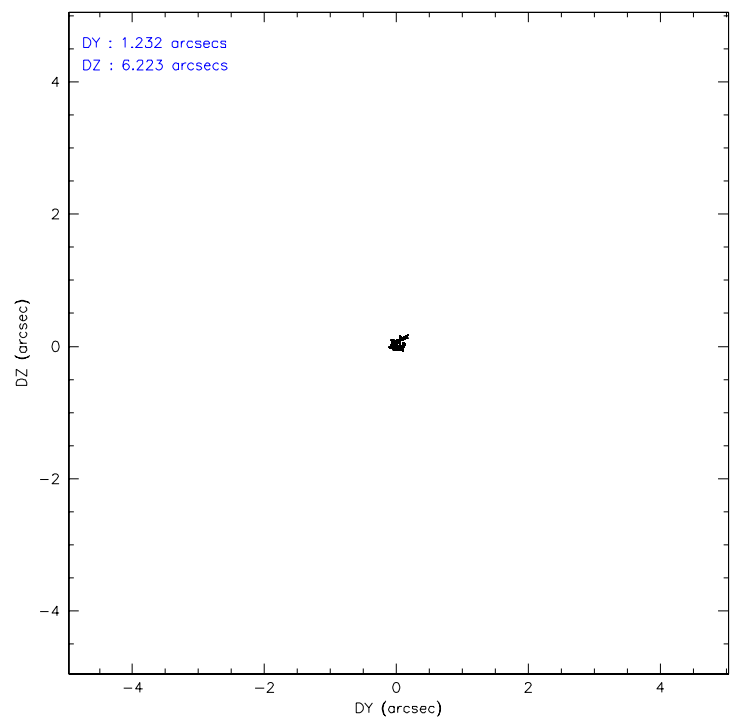
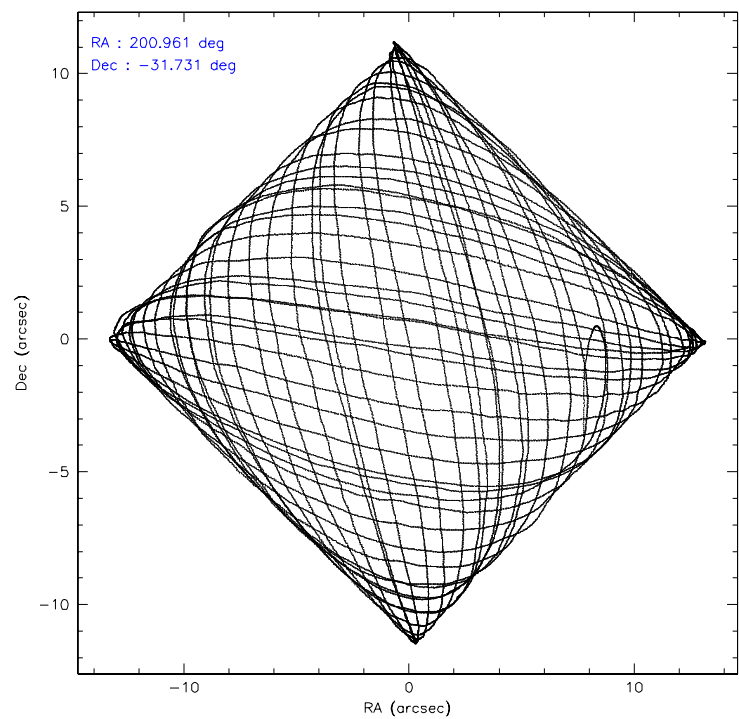
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	103455	107006	111703	109128	110619
rejected events	91234	92534	98510	96752	99416
rejected %	88%	86%	88%	88%	89%

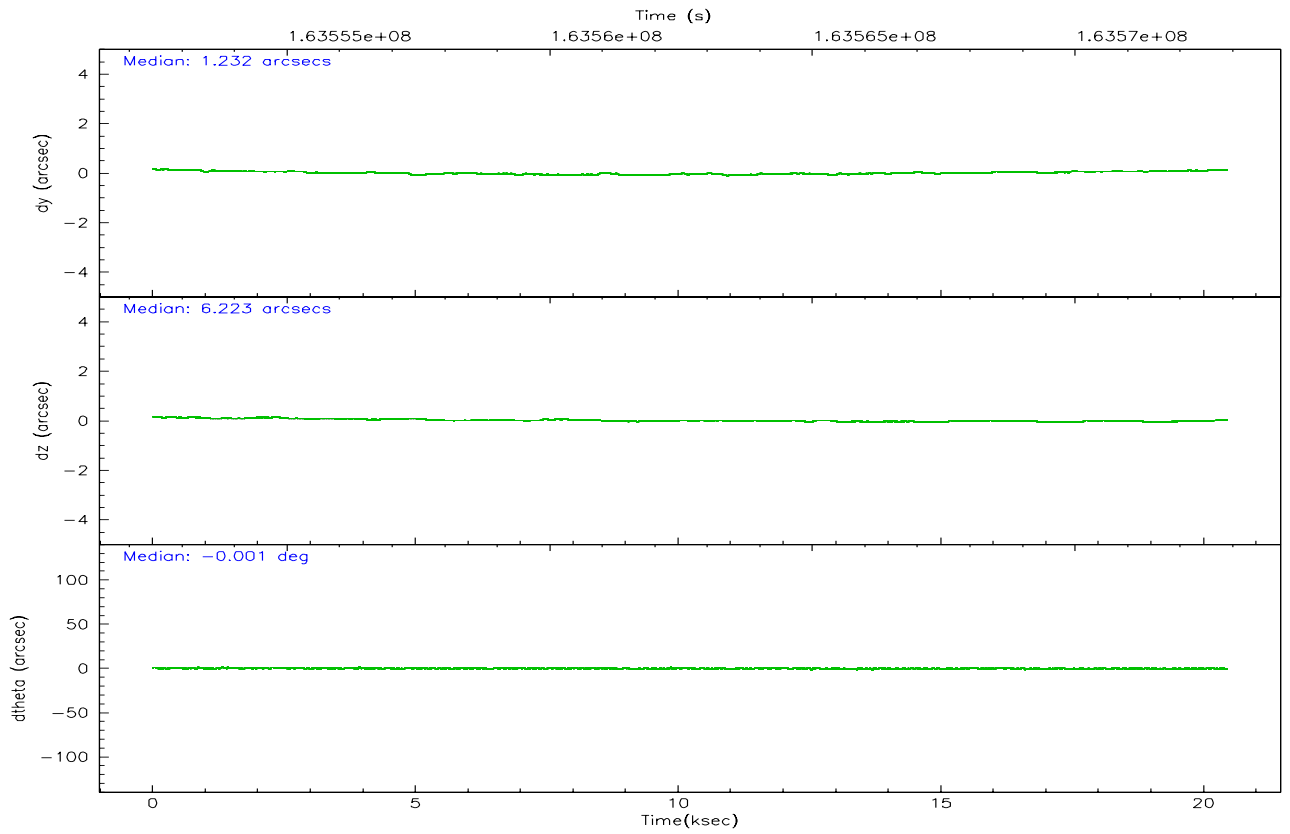
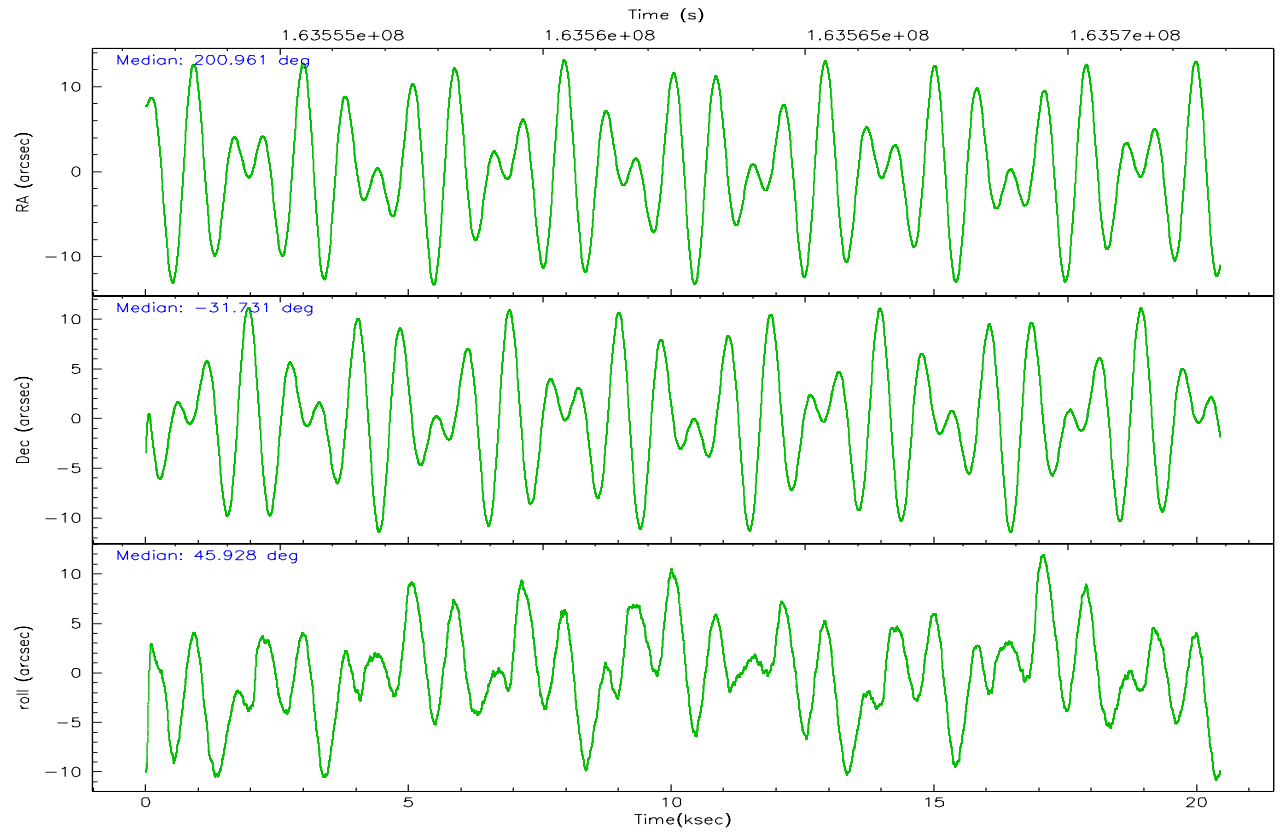
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	5054	6470	6126	5538	4190
	4%	6%	5%	5%	3%
grade 1 events	68	62	60	61	47
	0%	0%	0%	0%	0%
grade 2 events	2578	2696	2608	2246	2272
	2%	2%	2%	2%	2%
grade 3 events	1317	1413	1208	1256	1242
	1%	1%	1%	1%	1%
grade 4 events	1217	1398	1289	1202	1236
	1%	1%	1%	1%	1%
grade 5 events	3671	3954	3543	4072	4106
	3%	3%	3%	3%	3%
grade 6 events	2059	2498	1965	2136	2267
	1%	2%	1%	1%	2%
grade 7 events	87491	88515	94904	92617	95259
	84%	82%	84%	84%	86%

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	200.953145	200.9608363863086	Alternating exposures requested	N	N
Pointing Dec	-31.757838	-31.73125893799892	Primary exposure time	0.000000	3.1
Pointing Roll	45.721521	45.93425392902219			
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	163552618.184000	163551025.80993			
Observation start date	2003-03-08T23:15:54	2003-03-08T22:50:25			
Observation end time	163572901.184000	163573215.52336			
Observation end date	2003-03-09T04:53:57	2003-03-09T05:00:15			
Read mode	TIMED	TIMED			

2.3 Aspect



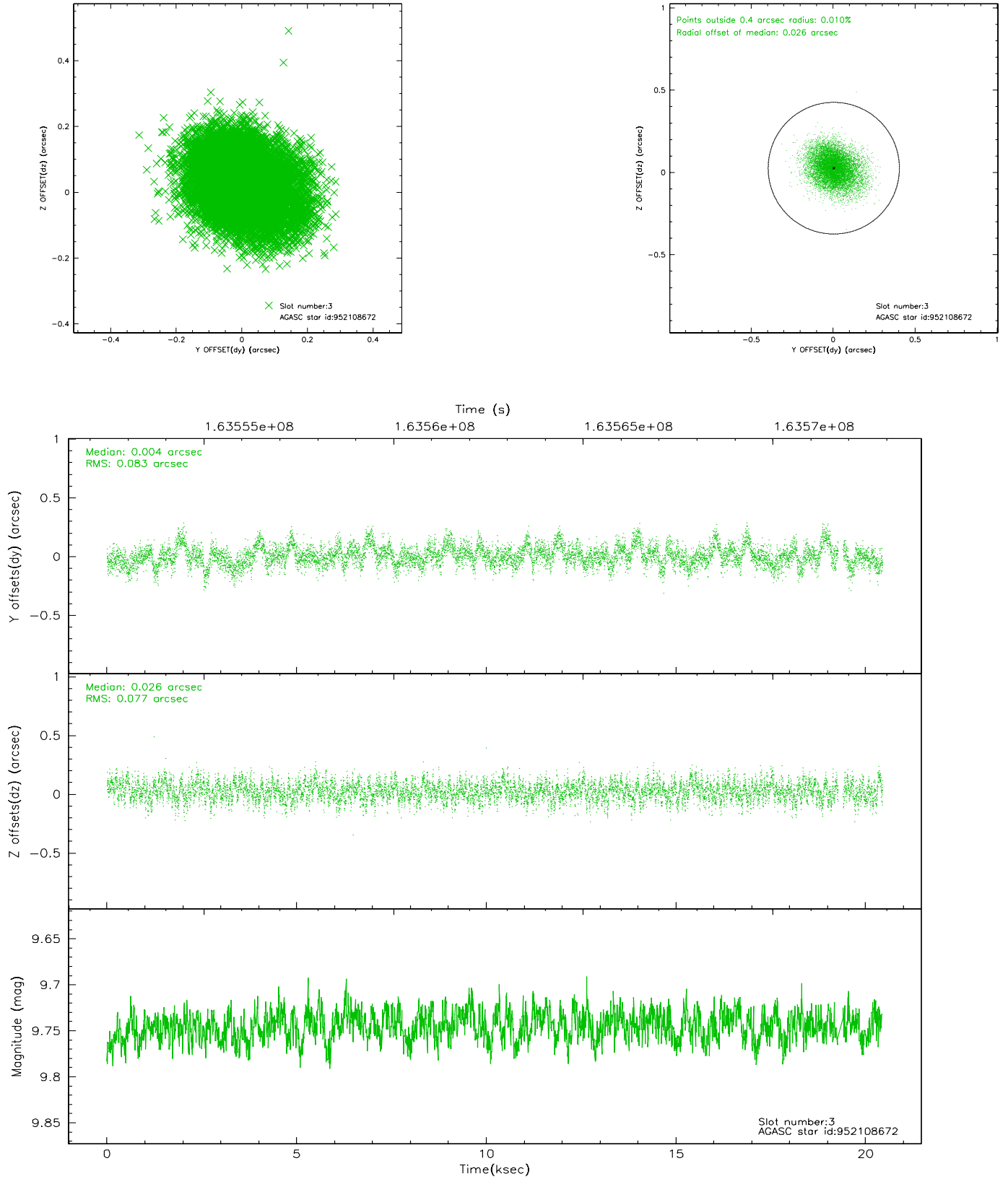


Slot Statistics

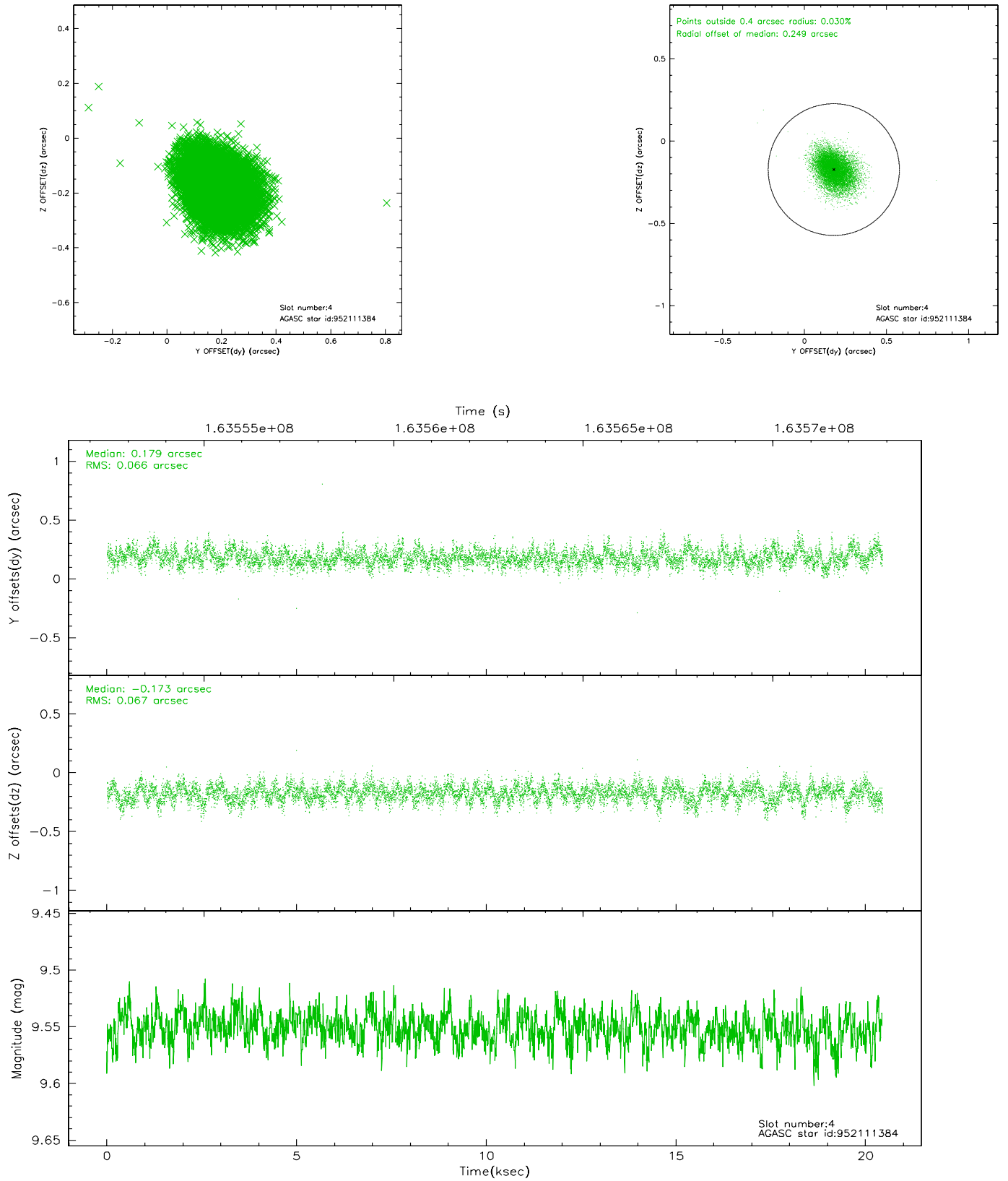
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	4987	-0.012	0.021	0.006	0.010	0.000000	0.000000	938.57	-829.61
1	FID	ACIS-I-5	7.24	4987	-0.058	0.037	0.006	0.010	0.000000	0.000000	-1809.45	1067.85
2	FID	ACIS-I-6	7.27	4987	-0.021	0.013	0.007	0.011	0.000000	0.000000	403.95	1712.50
3	GUIDE	952108672	9.75	9907	0.004	0.026	0.120	0.197	201.580324	-31.516727	1961.63	-775.80
4	GUIDE	952111384	9.55	9965	0.179	-0.173	0.099	0.165	200.542065	-31.669320	-652.47	1122.32
5	GUIDE	952113888	8.10	9970	-0.093	0.123	0.097	0.149	201.647854	-31.450482	2276.96	-759.32
6	GUIDE	952114936	8.51	9974	-0.109	-0.202	0.065	0.103	201.294532	-31.198626	2174.45	651.40
7	GUIDE	952646264	9.60	9969	0.007	0.233	0.112	0.186	201.642199	-32.039051	739.25	-2216.60

2.4 Star Slots

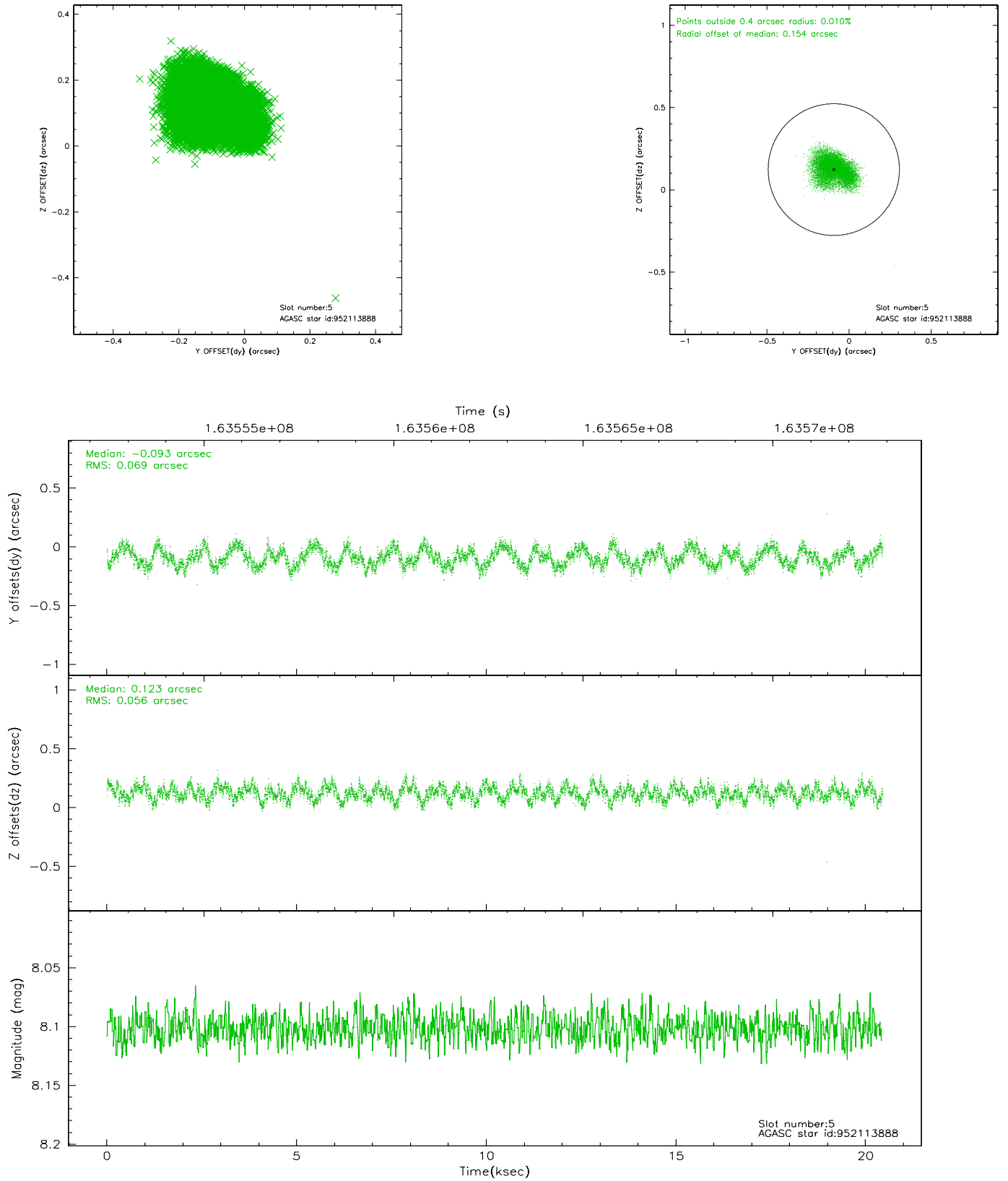
2.4.1 Slot 3



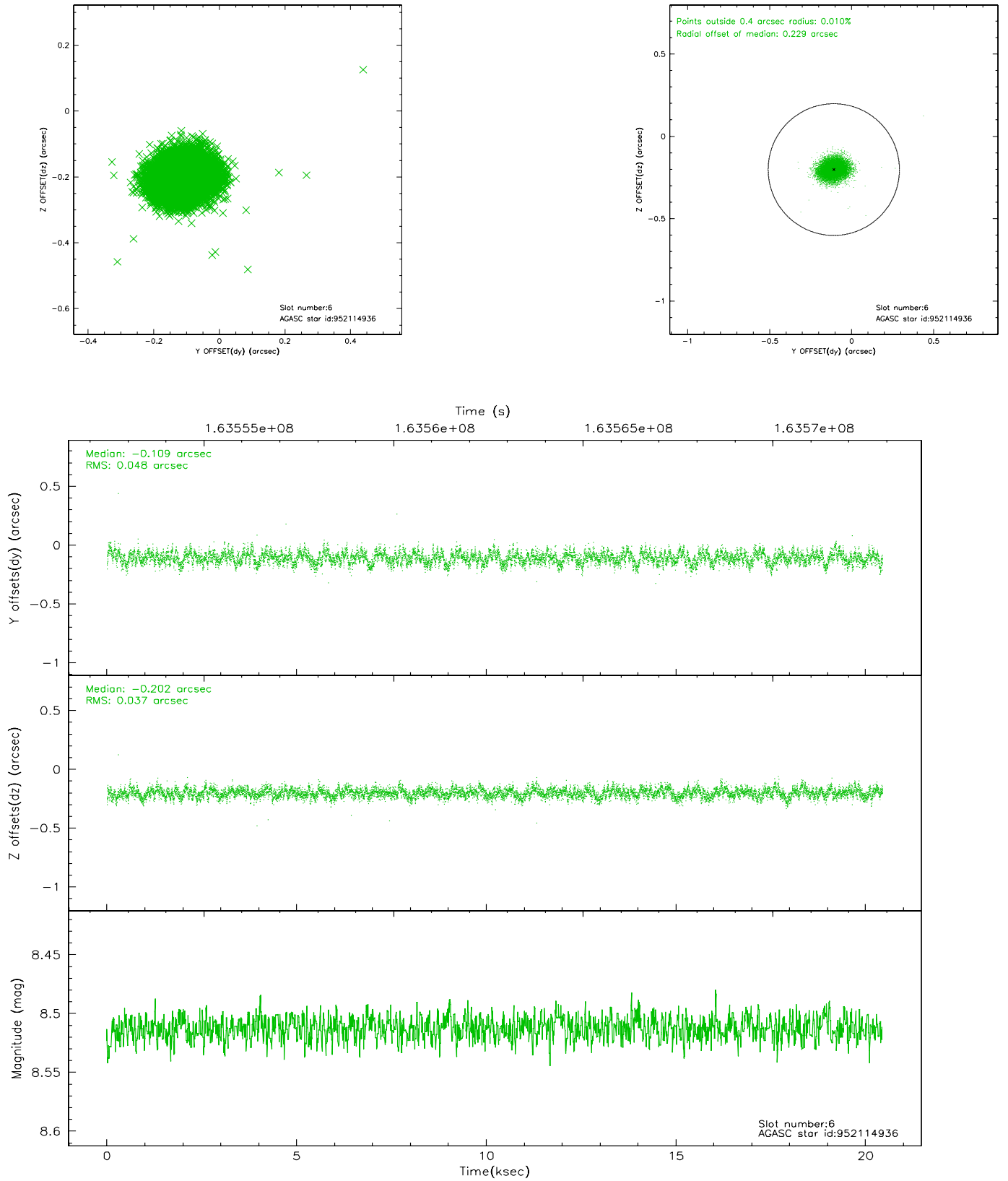
2.4.2 Slot 4



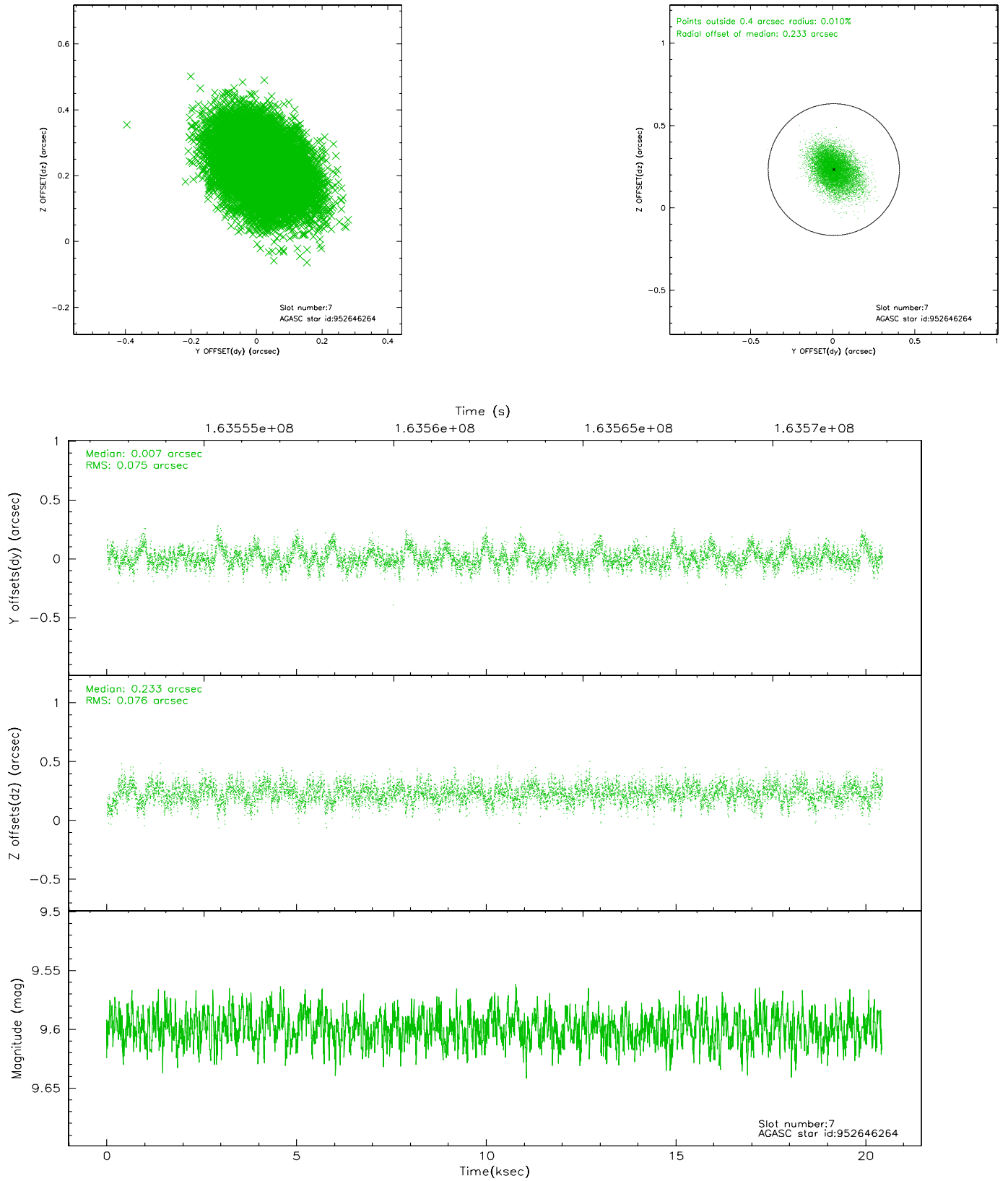
2.4.3 Slot 5



2.4.4 Slot 6

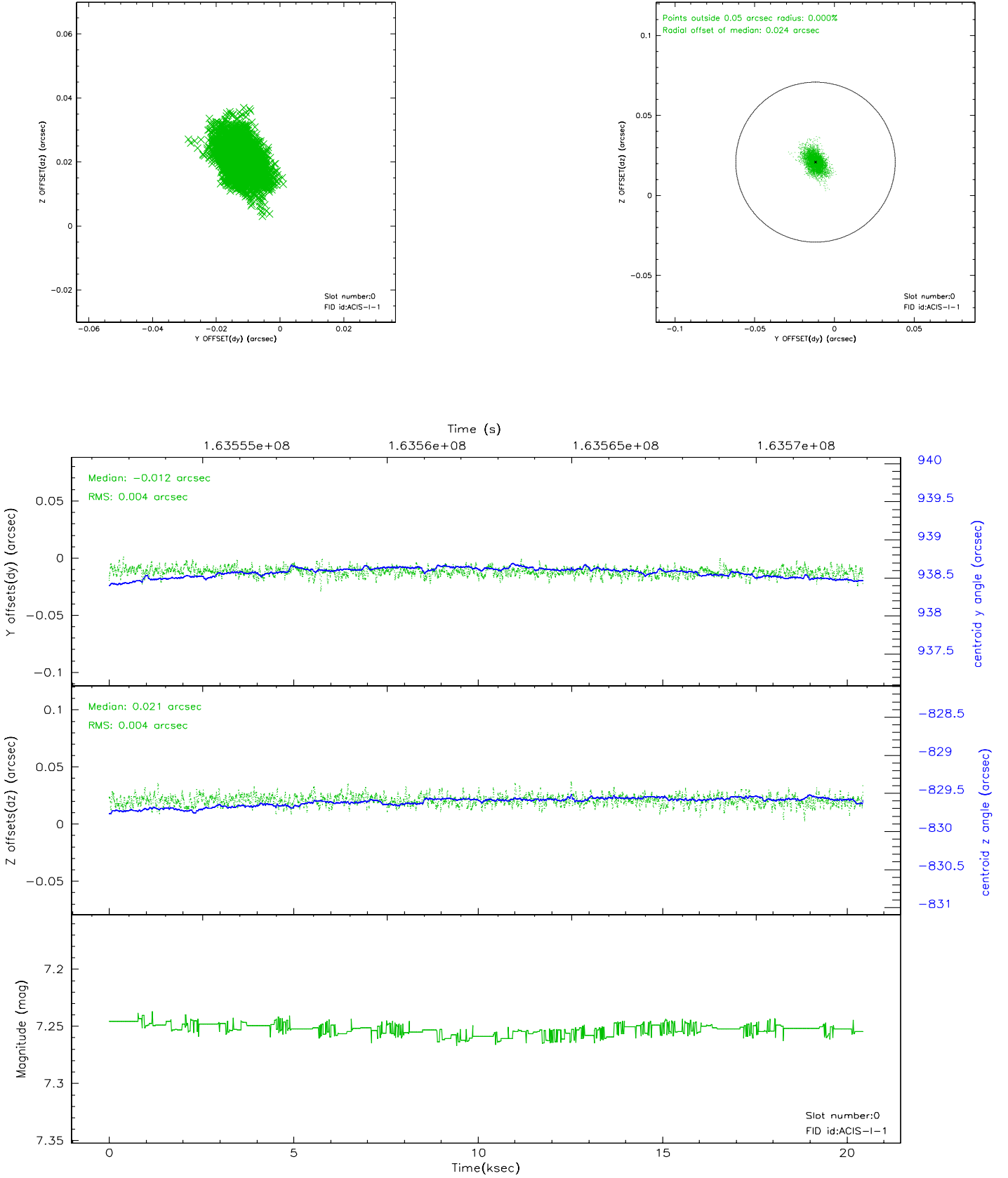


2.4.5 Slot 7

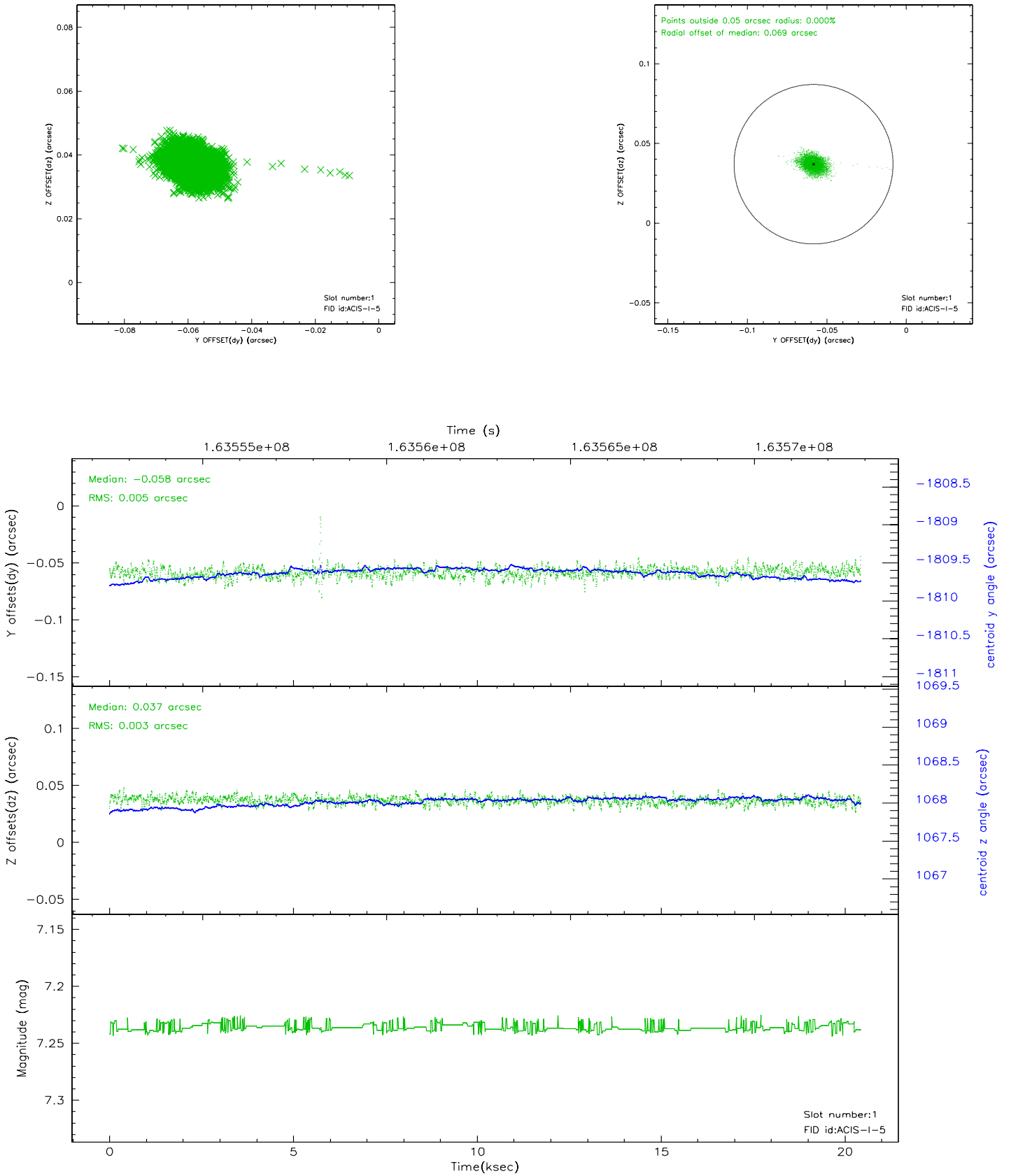


2.5 FID Slots

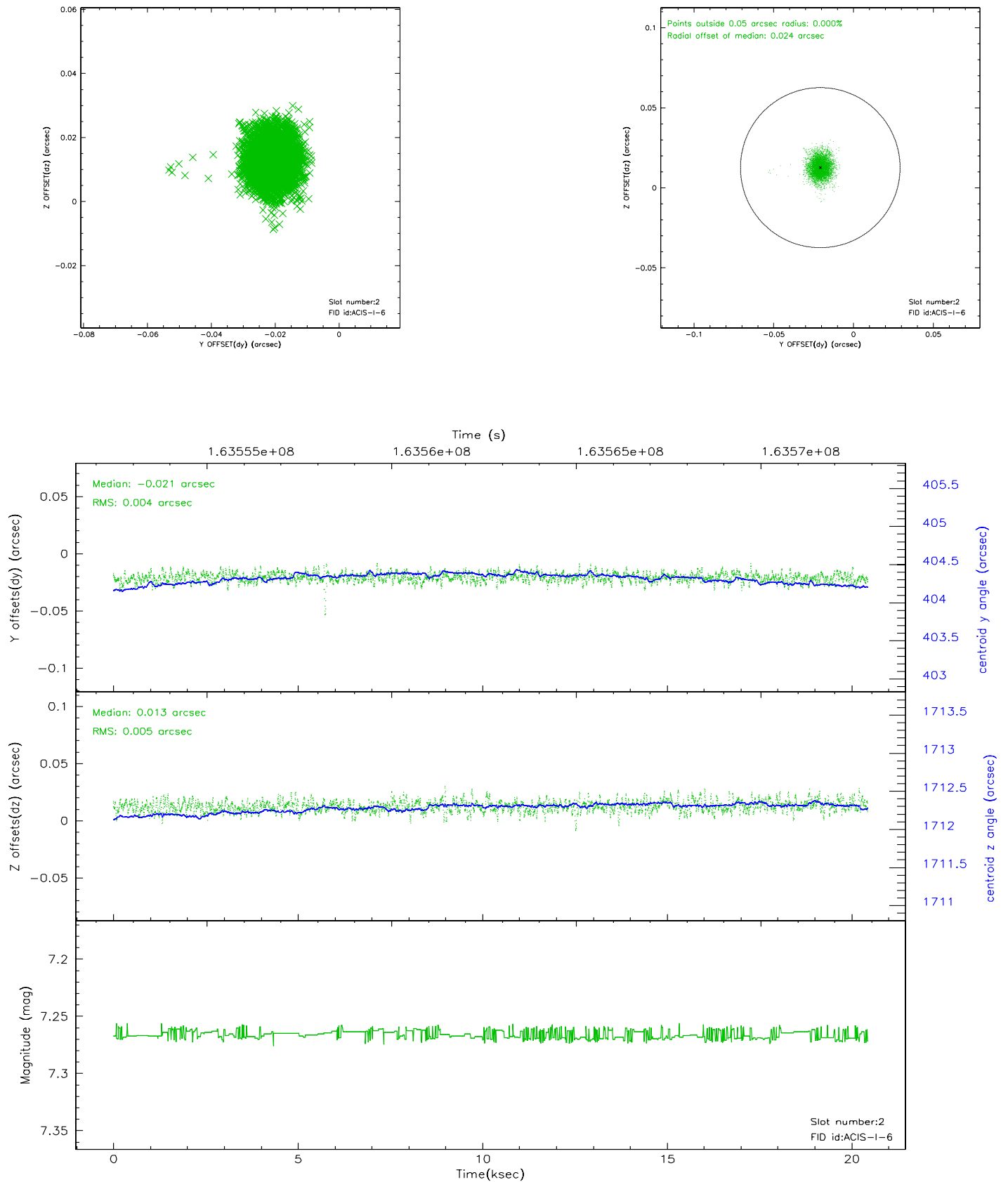
2.5.1 Slot 0



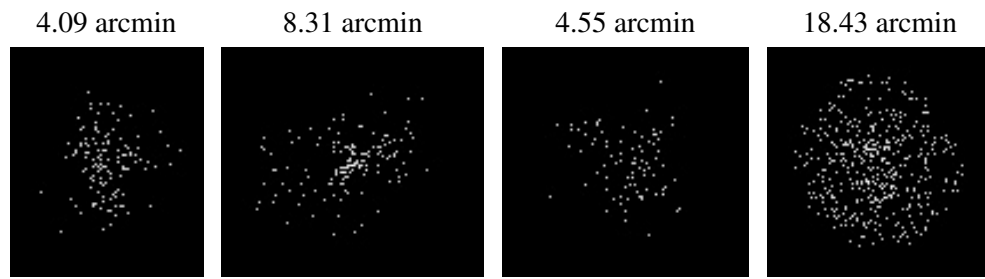
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.05

A.2 Comments