

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3004 - L2 Version 001
Chandra X-Ray Center

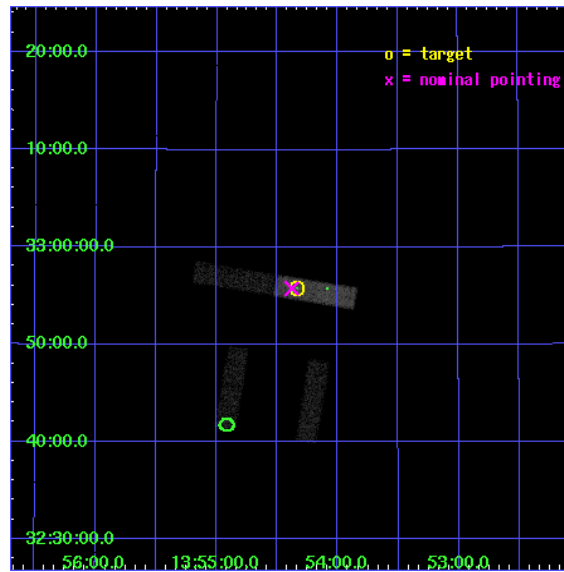
L2 Processing Date : Oct 26 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

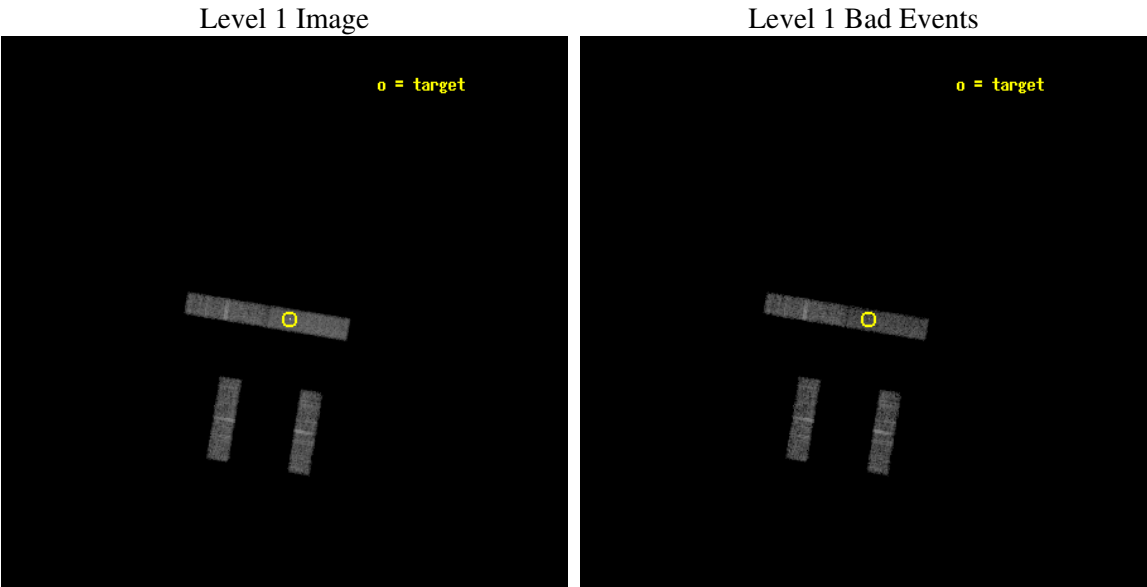
seq_num	700443
obs_id	3004
title	CHANDRA SNAPSHOT OBSERVATIONS OF SOFT X-RAY TRANSIENT AGN
observer	Dr Rick Edelson
object	MRK 663
dtcycle	0
cycle	P
ra_targ	208.582917
dec_targ	32.929722
ra_nom	208.59447324578
dec_nom	32.929580270132
roll_nom	9.3103929719175
revision	3
ontime	9894.0
livetime	9503.9575808807
ontime2	9894.0
ontime3	9894.0
ontime6	9894.0
ontime7	9894.0
l2events	16780



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 6



Chip 7



2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-26T18:28:22
revision	3

sched_exp_time	9750.000000
ontime	10520.61914745
ontime2	10520.61914745
ontime3	10520.61914745
ontime6	10520.61914745
ontime7	10520.61914745
l1events	87130

2.1.4 Events

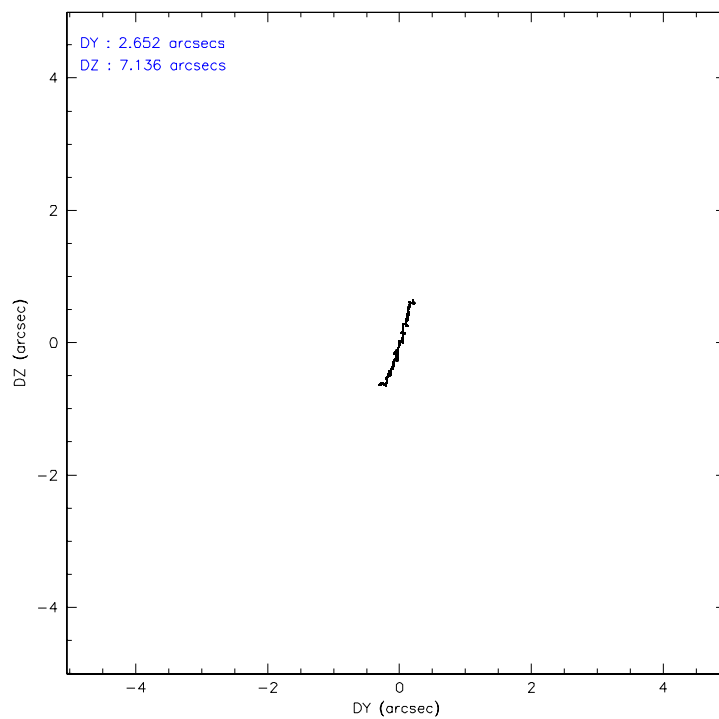
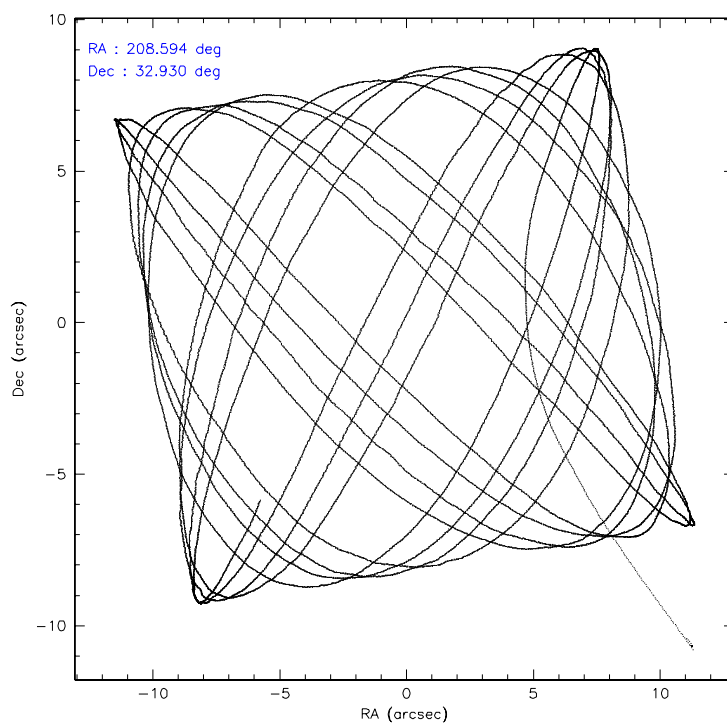
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	19742	19924	21620	25844
rejected events	17461	17723	19337	14343
rejected %	88%	88%	89%	55%

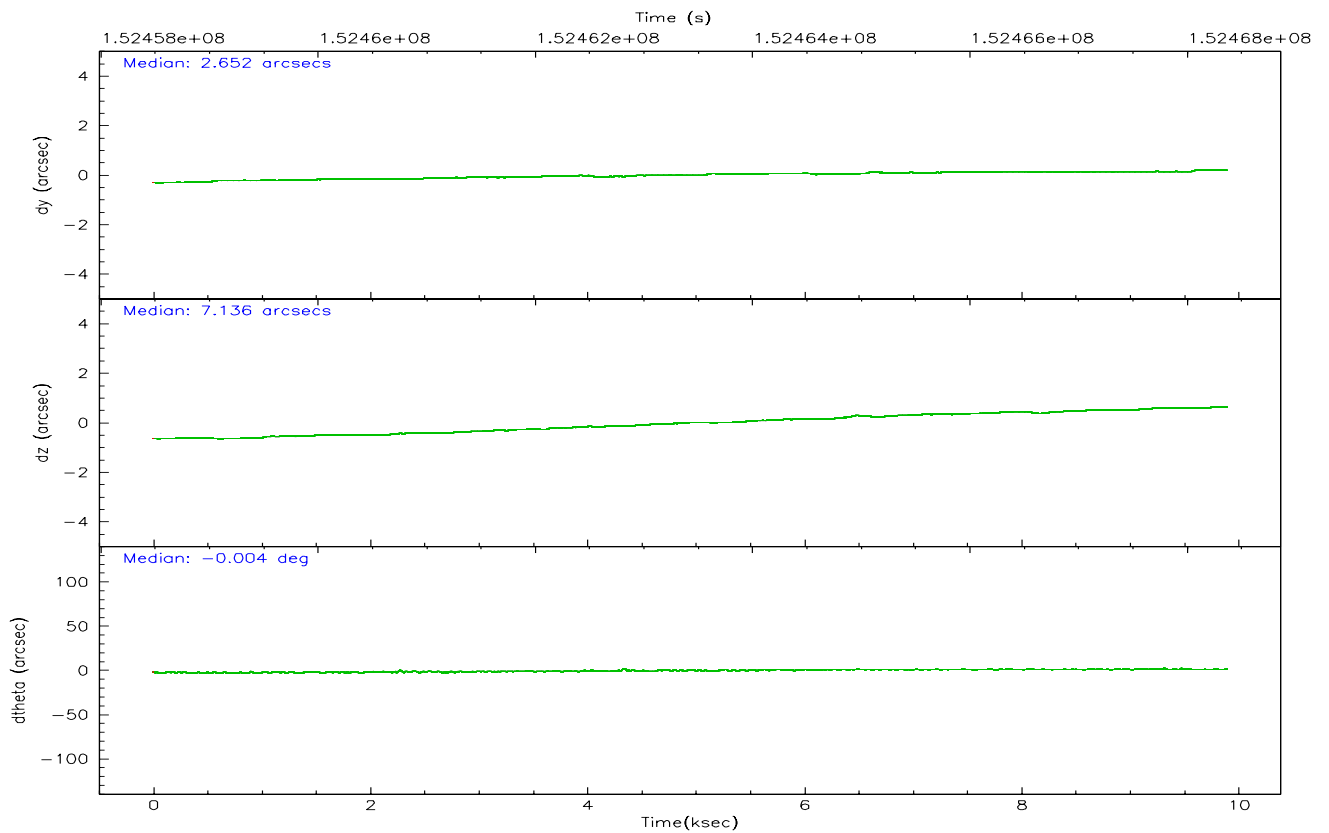
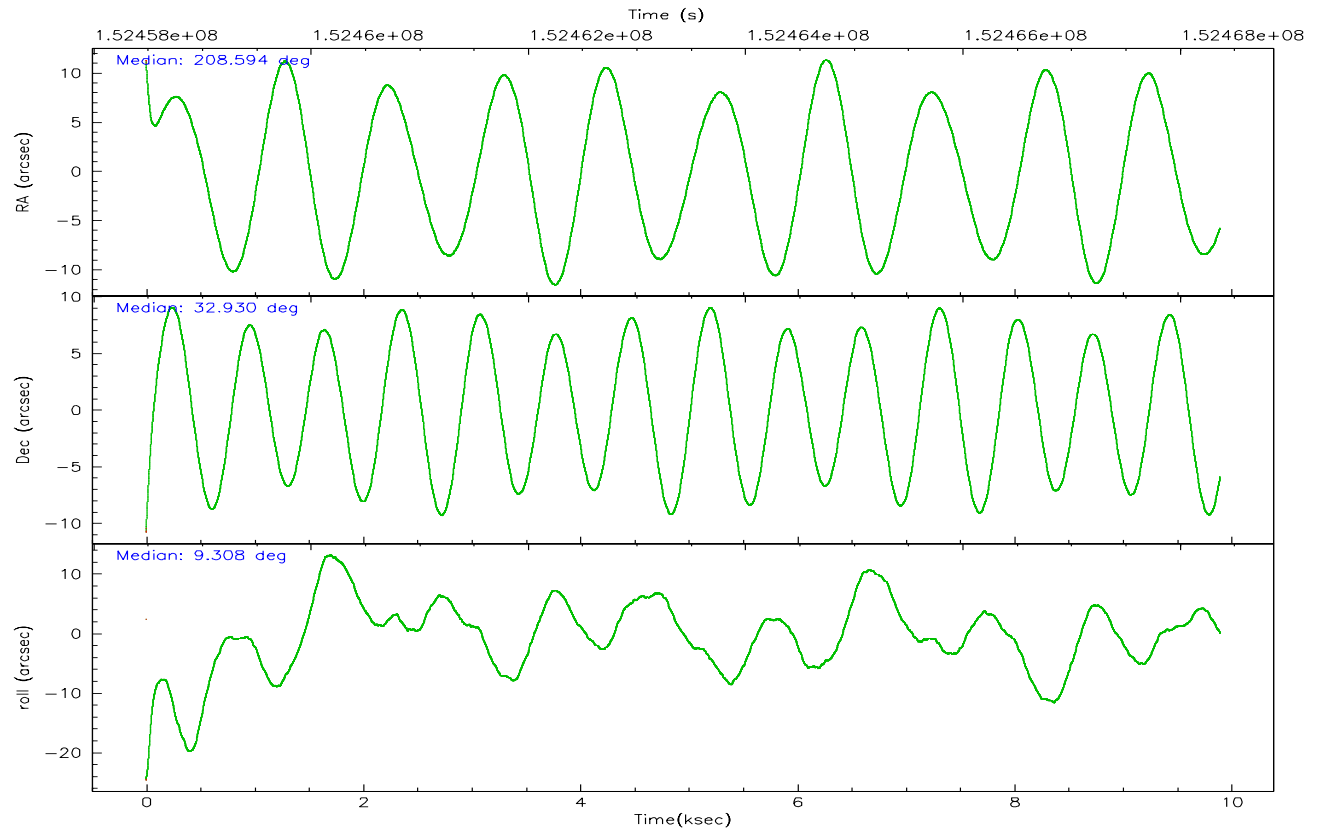
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	980	927	846	1353
	4%	4%	3%	5%
grade 1 events	8	5	6	30
	0%	0%	0%	0%
grade 2 events	445	408	425	2970
	2%	2%	1%	11%
grade 3 events	309	343	341	993
	1%	1%	1%	3%
grade 4 events	325	299	377	940
	1%	1%	1%	3%
grade 5 events	612	735	809	1607
	3%	3%	3%	6%
grade 6 events	358	360	440	5950
	1%	1%	2%	23%
grade 7 events	16705	16847	18376	12001
	84%	84%	84%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	208.569630	208.594473245776	Subarray requested	1/4	1/4
Pointing Dec	32.912052	32.92958027013218	Subarray start row	0	385
Pointing Roll	9.167281	9.31039297191754	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	152458621.184000	152457605.12102			
Observation start date	2002-10-31T13:35:57	2002-10-31T13:20:05			
Observation end time	152468371.184000	152468505.48398			
Observation end date	2002-10-31T16:18:27	2002-10-31T16:21:45			
Read mode	TIMED	TIMED			

2.3 Aspect



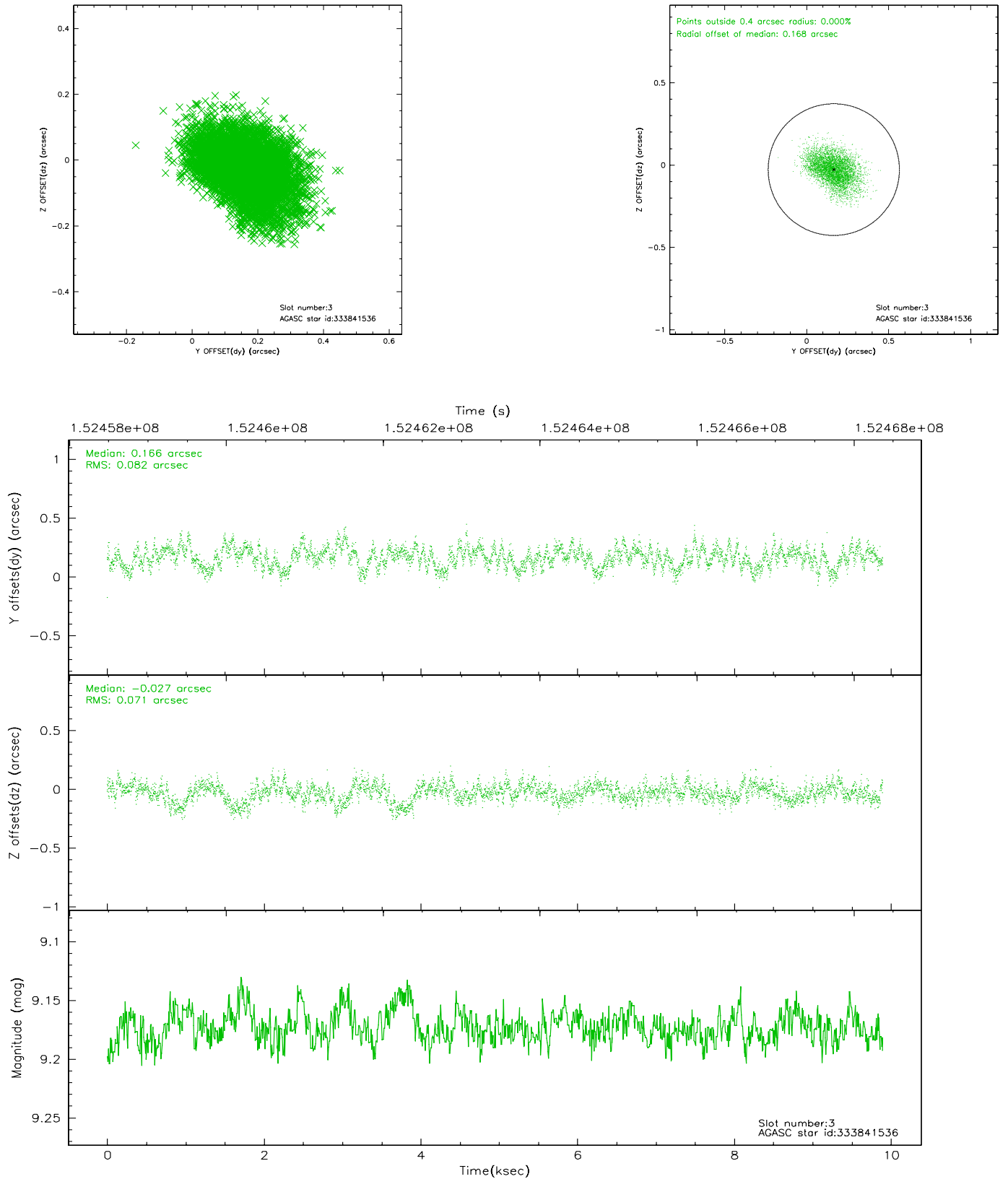


Slot Statistics

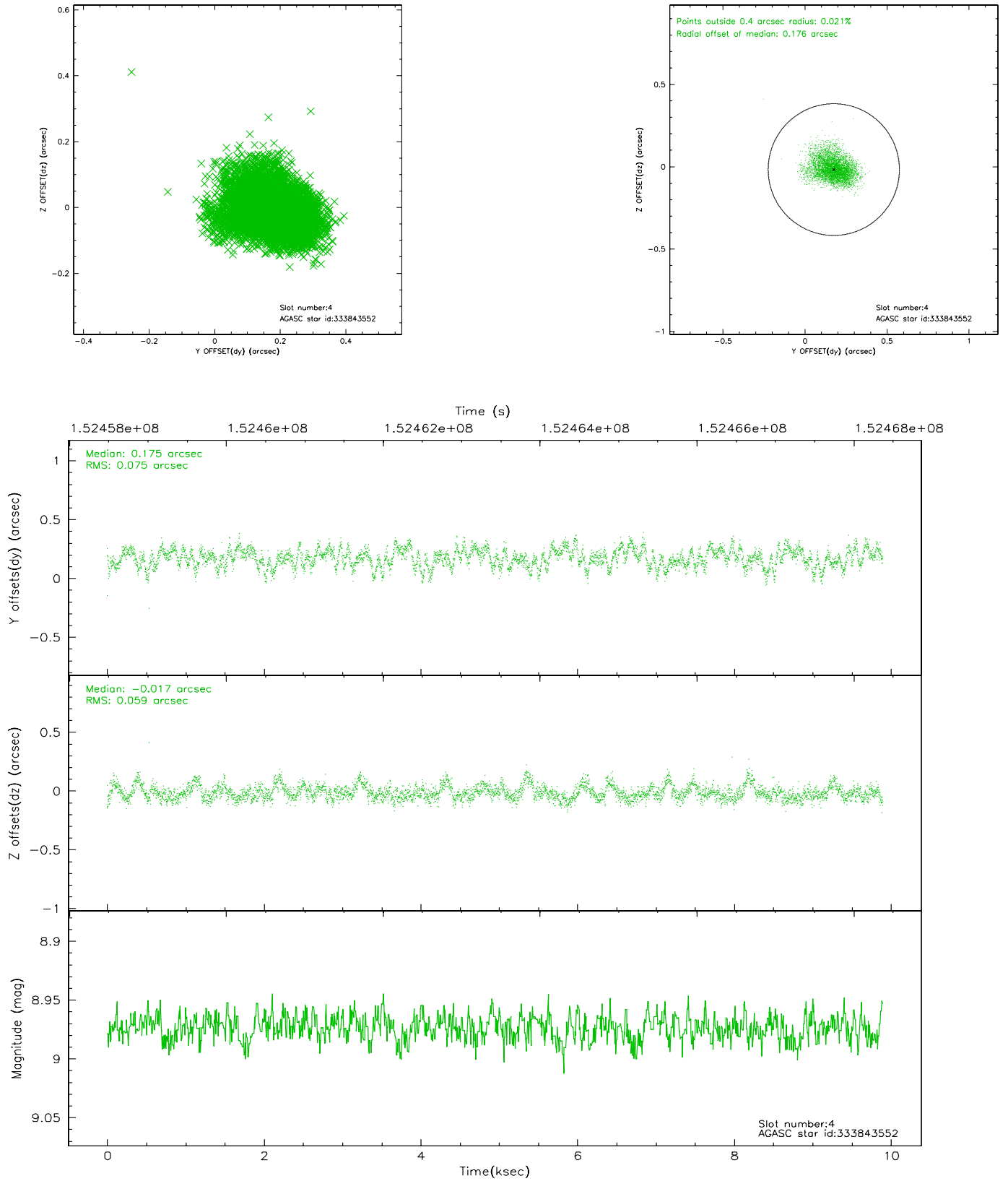
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2414	-0.005	0.030	0.015	0.021	0.000000	0.000000	-755.27	-1728.20
1	FID	ACIS-S-4	7.20	2415	-0.065	-0.006	0.009	0.014	0.000000	0.000000	2157.70	179.70
2	FID	ACIS-S-5	7.24	2414	0.039	-0.015	0.013	0.020	0.000000	0.000000	-1807.38	173.96
3	GUIDE	333841536	9.17	4823	0.166	-0.027	0.115	0.190	207.736517	33.263675	-2271.39	1658.91
4	GUIDE	333843552	8.97	4827	0.175	-0.017	0.102	0.168	207.943128	33.286944	-1644.77	1638.58
5	GUIDE	333843816	9.56	4824	0.073	-0.210	0.099	0.166	208.078015	32.856933	-1497.95	44.40
6	GUIDE	333848960	10.13	4822	-0.205	0.102	0.261	0.394	208.878999	32.756079	836.02	-702.09
7	GUIDE	333848744	8.92	4827	-0.205	0.156	0.113	0.177	209.384333	32.808665	2376.81	-750.75

2.4 Star Slots

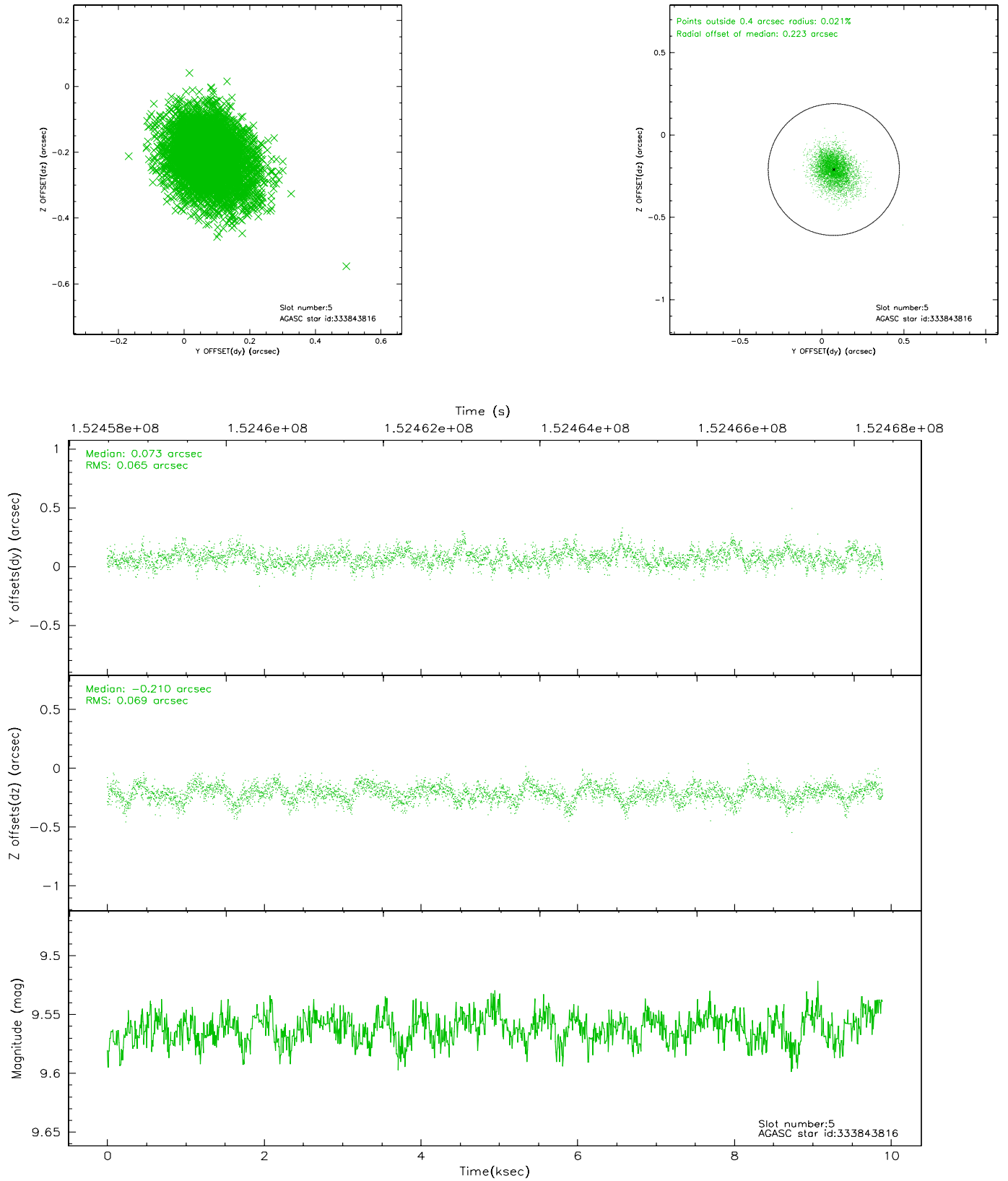
2.4.1 Slot 3



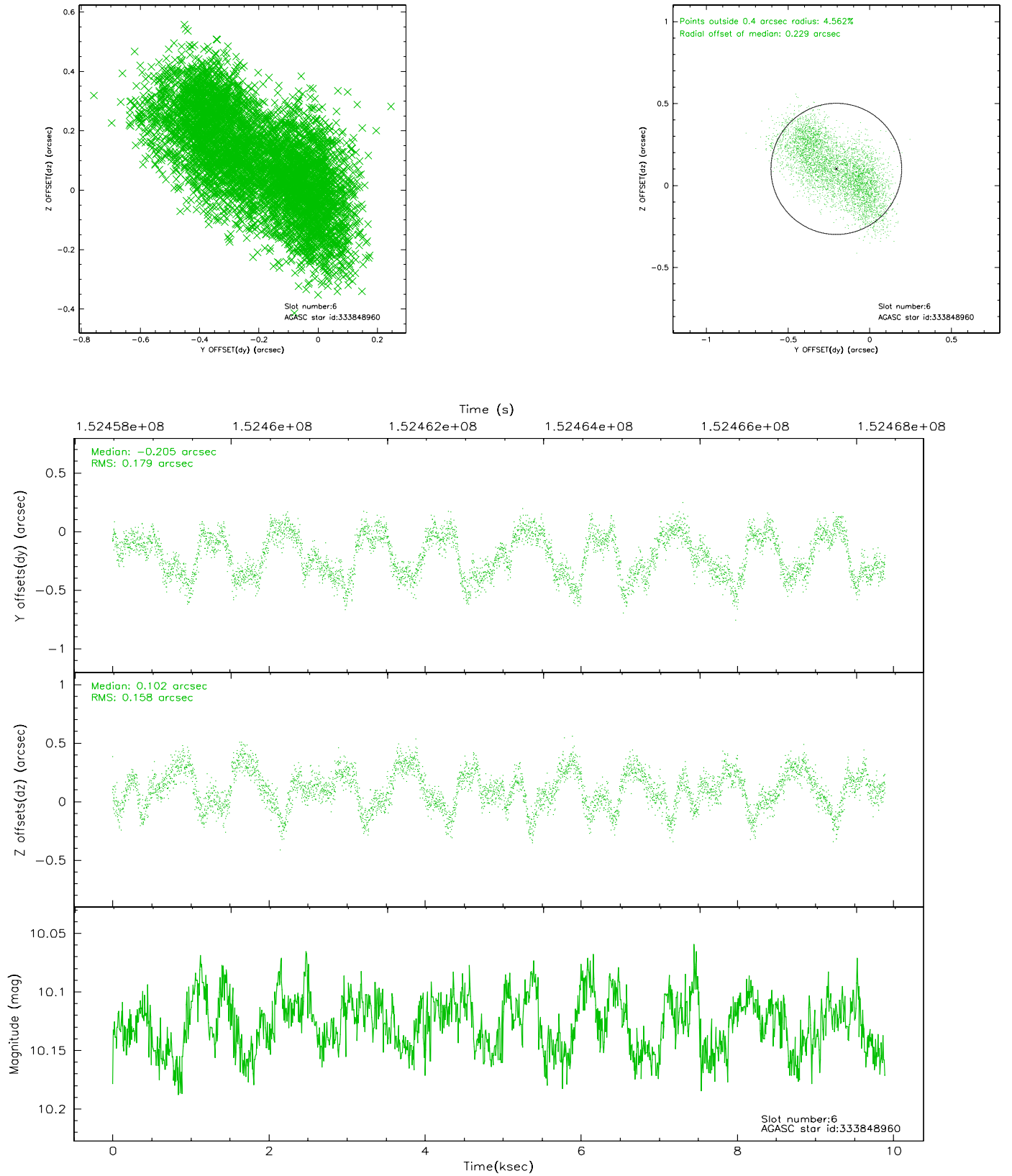
2.4.2 Slot 4



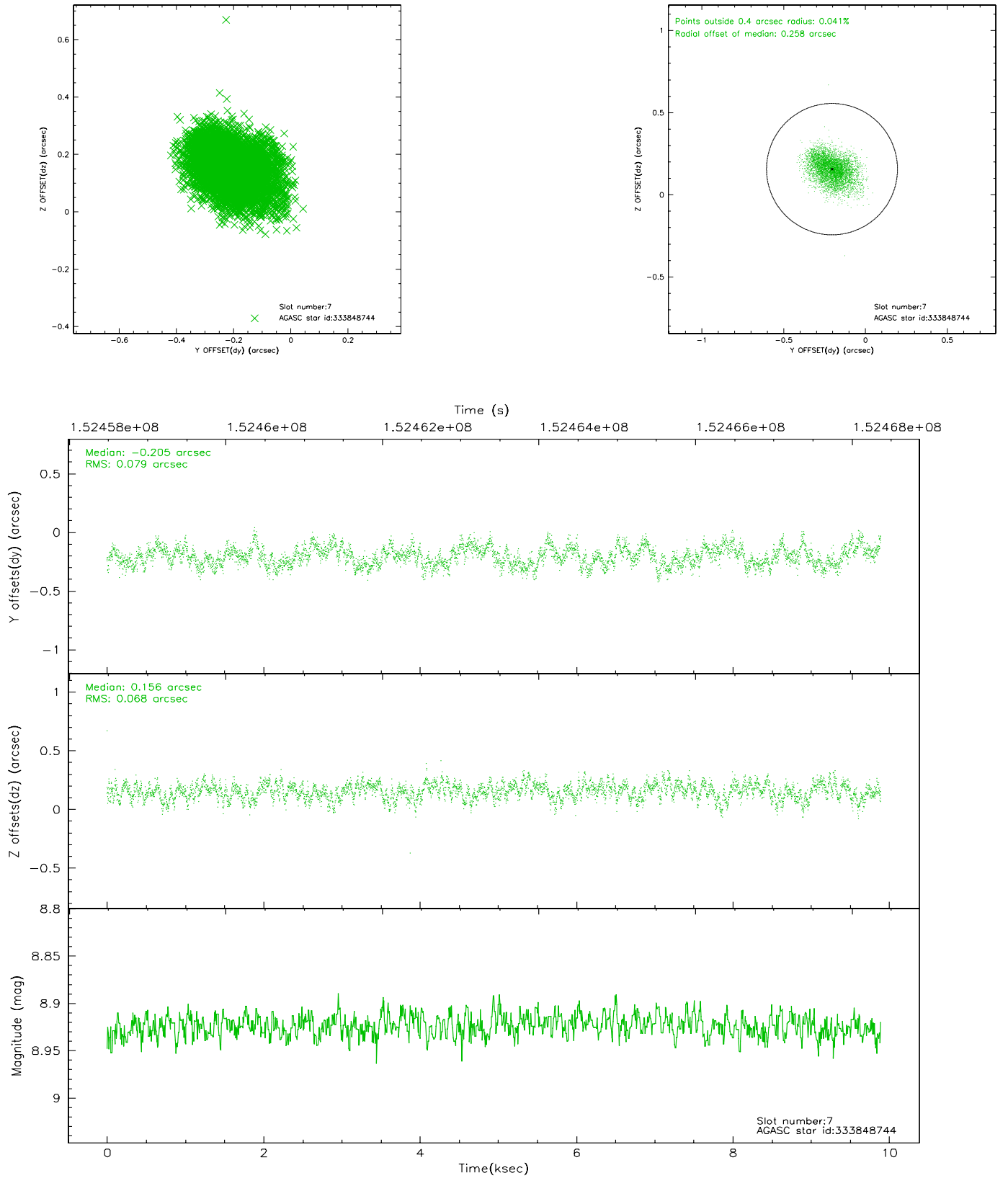
2.4.3 Slot 5



2.4.4 Slot 6

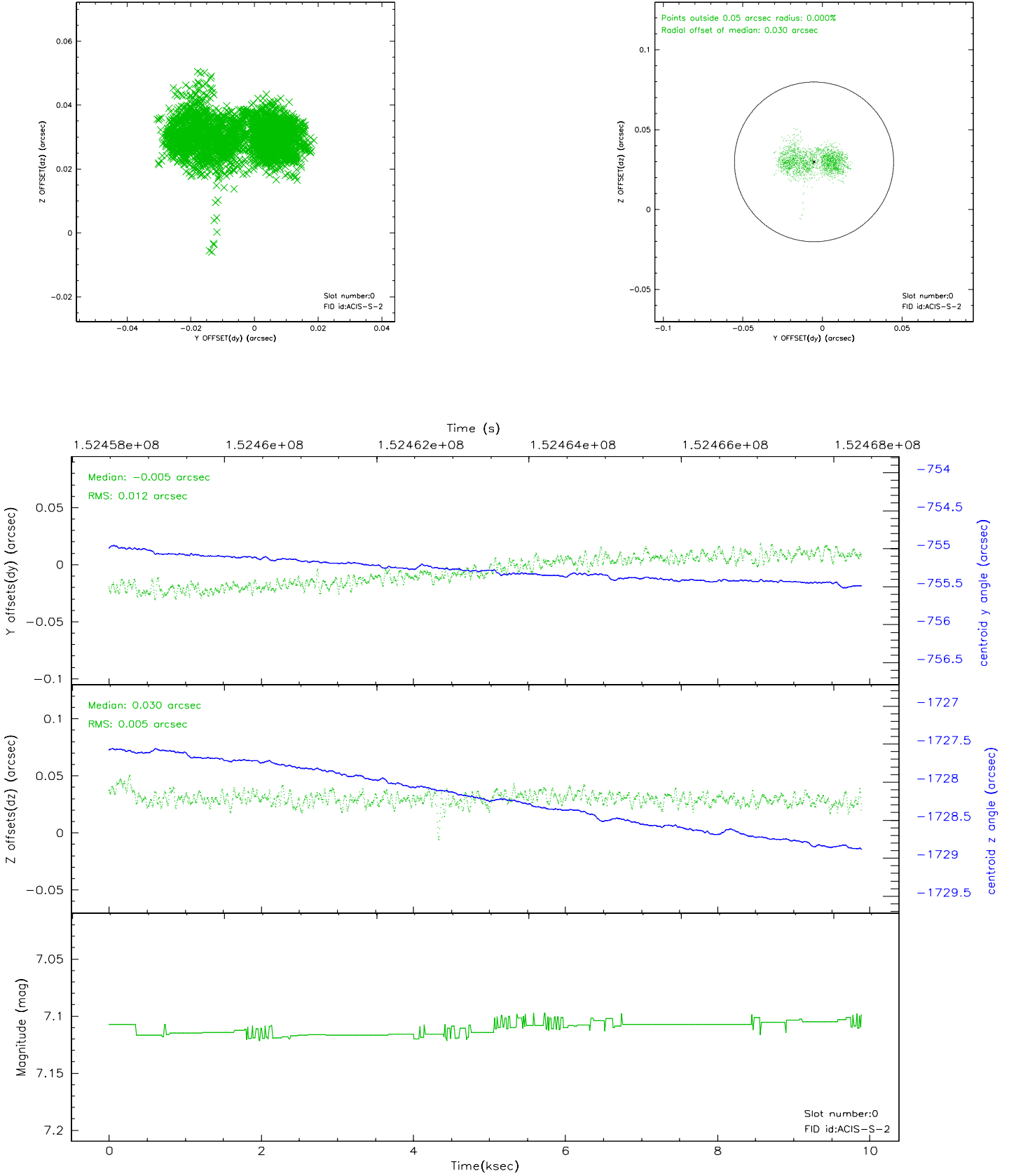


2.4.5 Slot 7

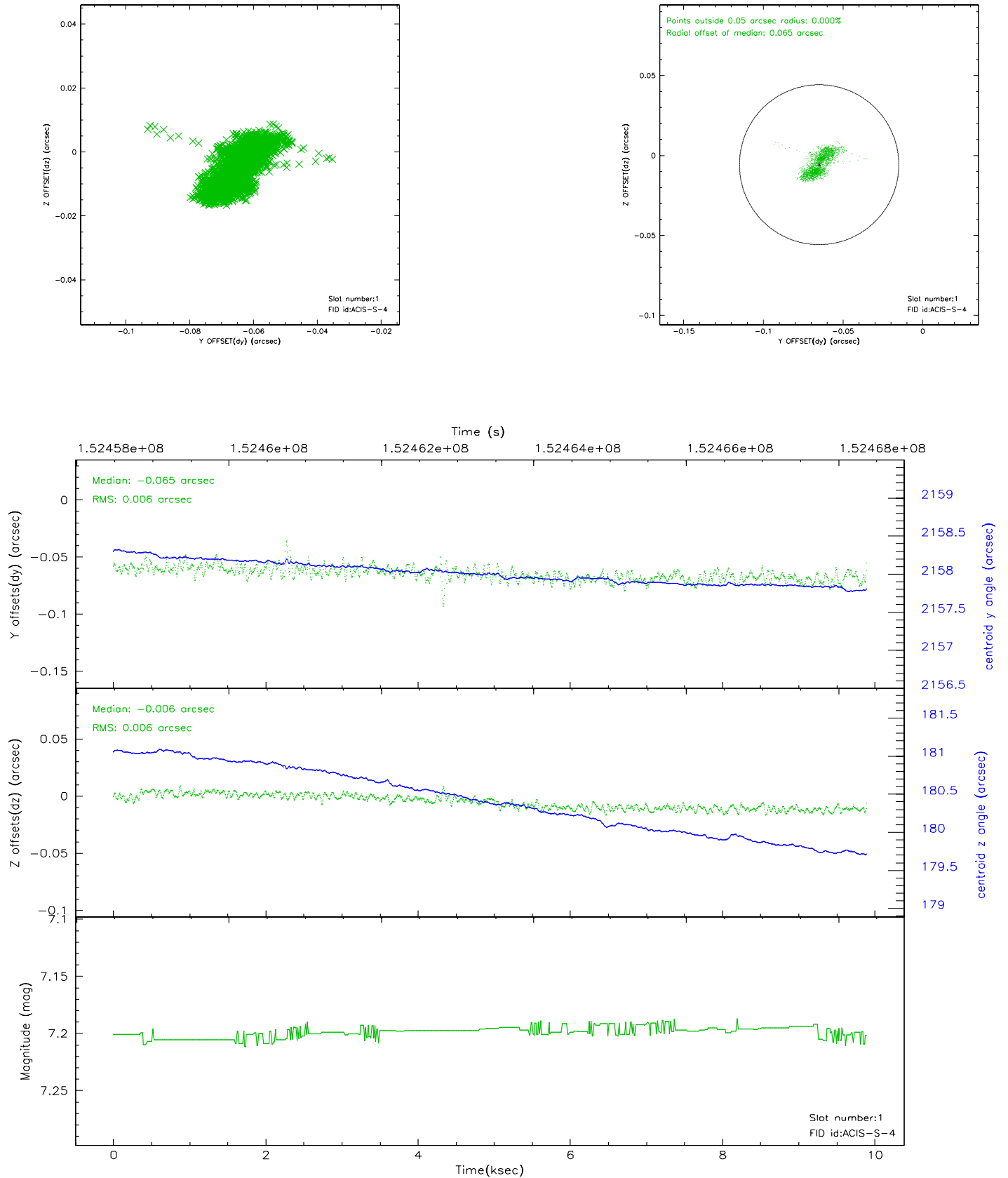


2.5 FID Slots

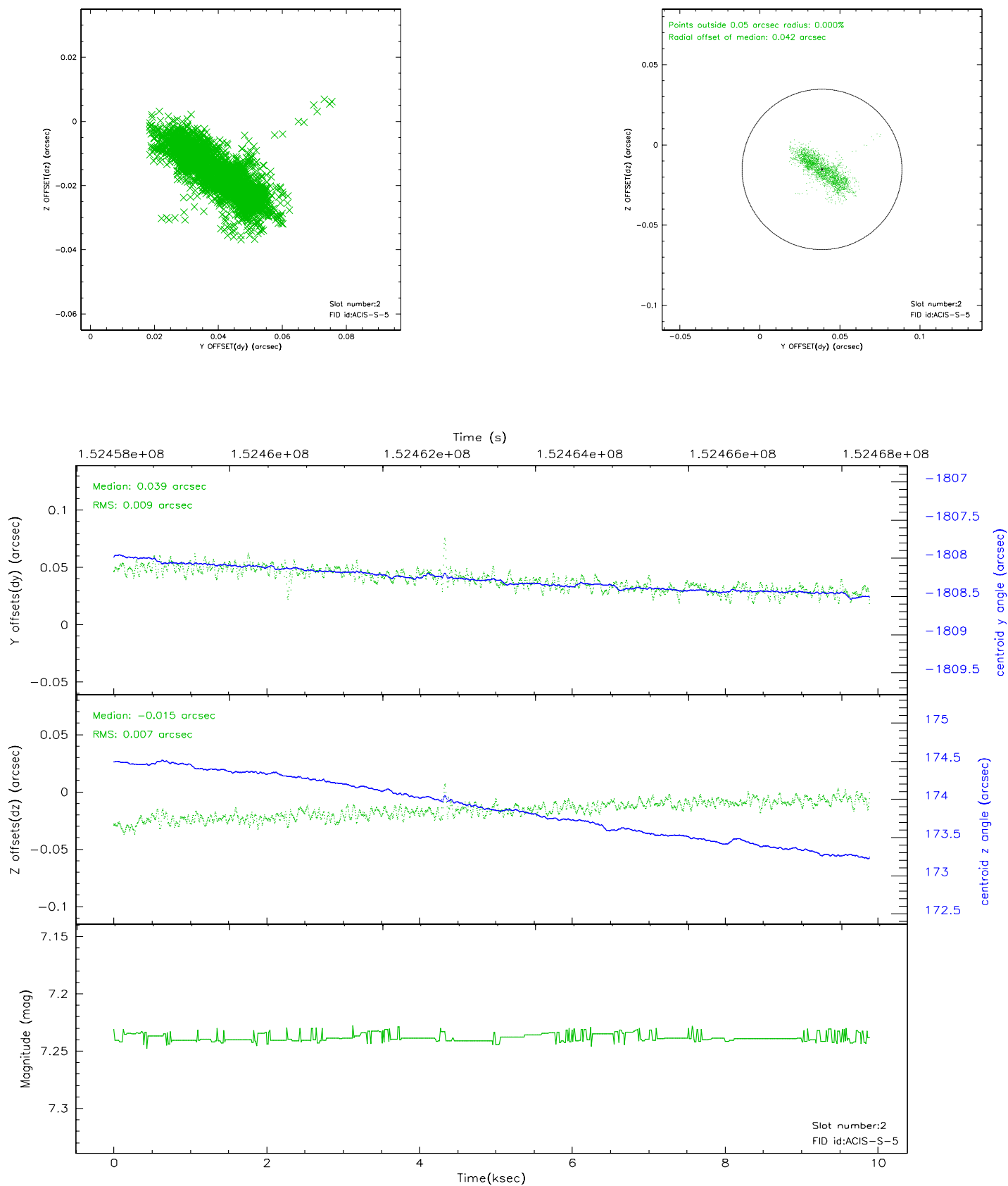
2.5.1 Slot 0



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)	2006.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.894

A.2 Comments