

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2759 - L2 Version 001
Chandra X-Ray Center

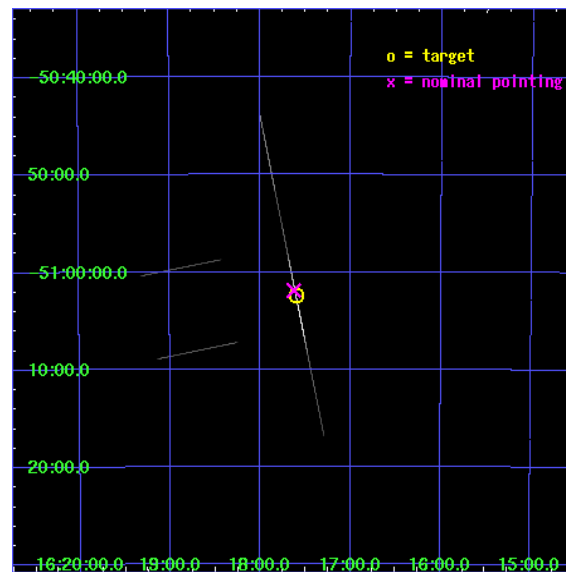
L2 Processing Date : Sep 6 2006

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1 Front

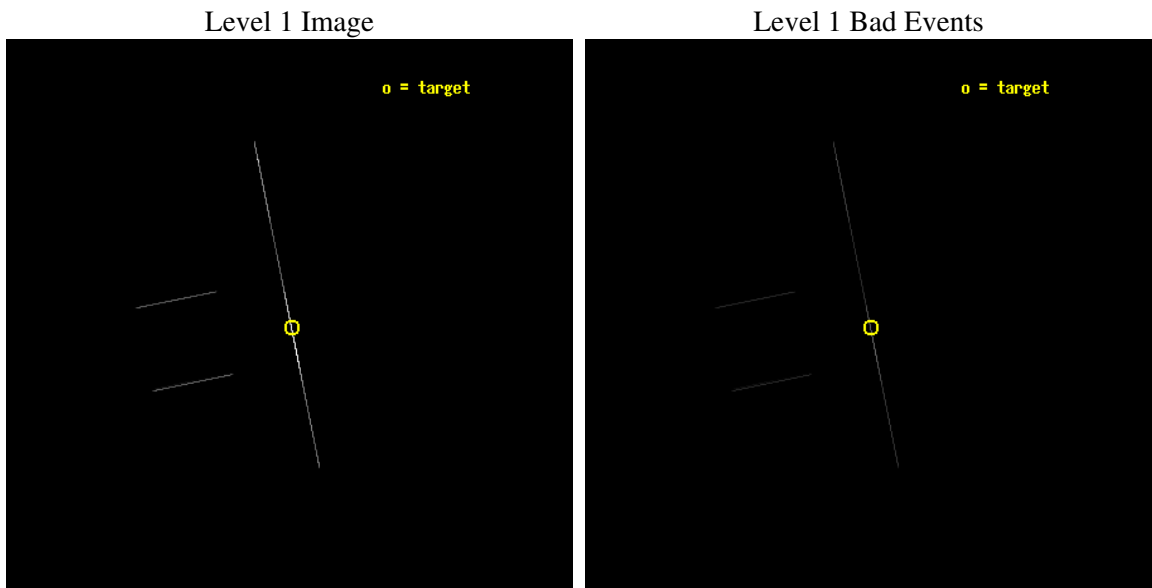
seq_num	500209
obs_id	2759
title	ACIS OBSERVATIONS OF THE CENTRAL OBJECT IN RCW103
observer	Professor Gordon Garmire
object	RCW103
ra_targ	244.40125
dec_targ	-51.040278
ra_nom	244.40679015453
dec_nom	-51.031753557197
roll_nom	78.499352121815
revision	2
ontime	48832.291514441
livetime	48641.540375713
ontime2	48830.832420096
ontime3	48833.75
ontime5	48833.75
ontime6	48833.75
ontime7	48832.291514441
ontime8	48833.75
l2events	3210507



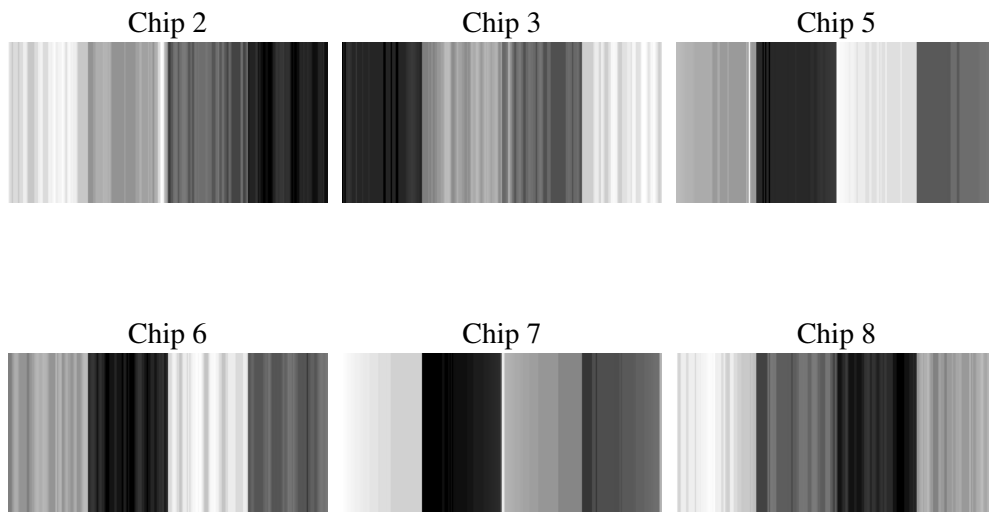
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-06T08:17:13
revision	2

sched_exp_time	48500.000000
ontime	49546.562798068
ontime2	49545.048585162
ontime3	49547.988914117
ontime5	49548.021453083
ontime6	49548.021370471
ontime7	49546.562798068
ontime8	49548.021199331
l1events	3600717

2.1.4 Events

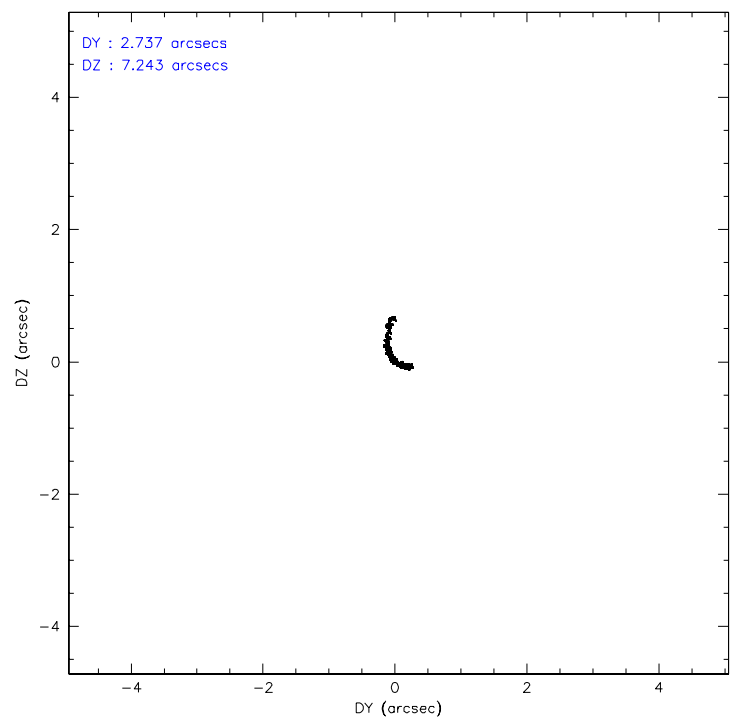
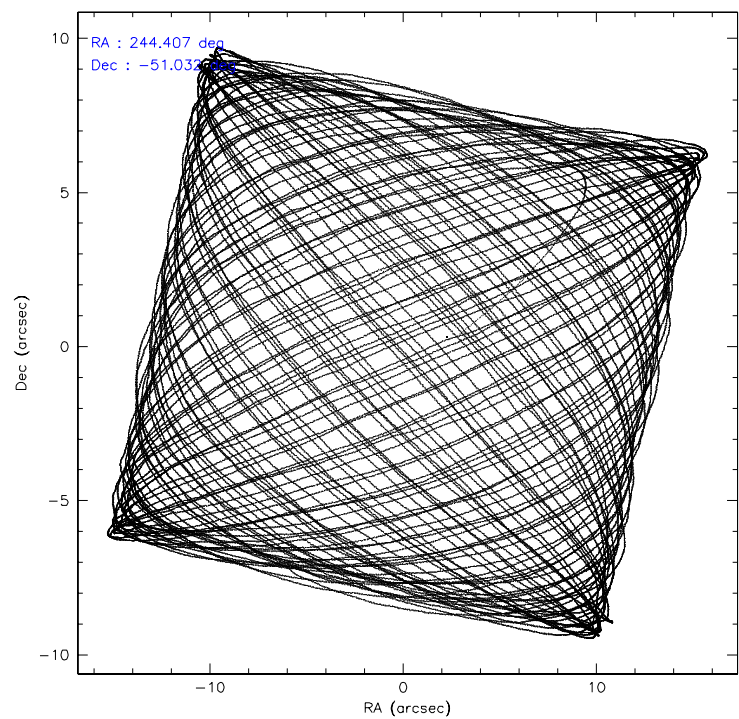
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	70298	78299	318134	226204	2760848	146934
rejected events	12124	13474	29300	14965	60344	20037
rejected %	17%	17%	9%	6%	2%	13%

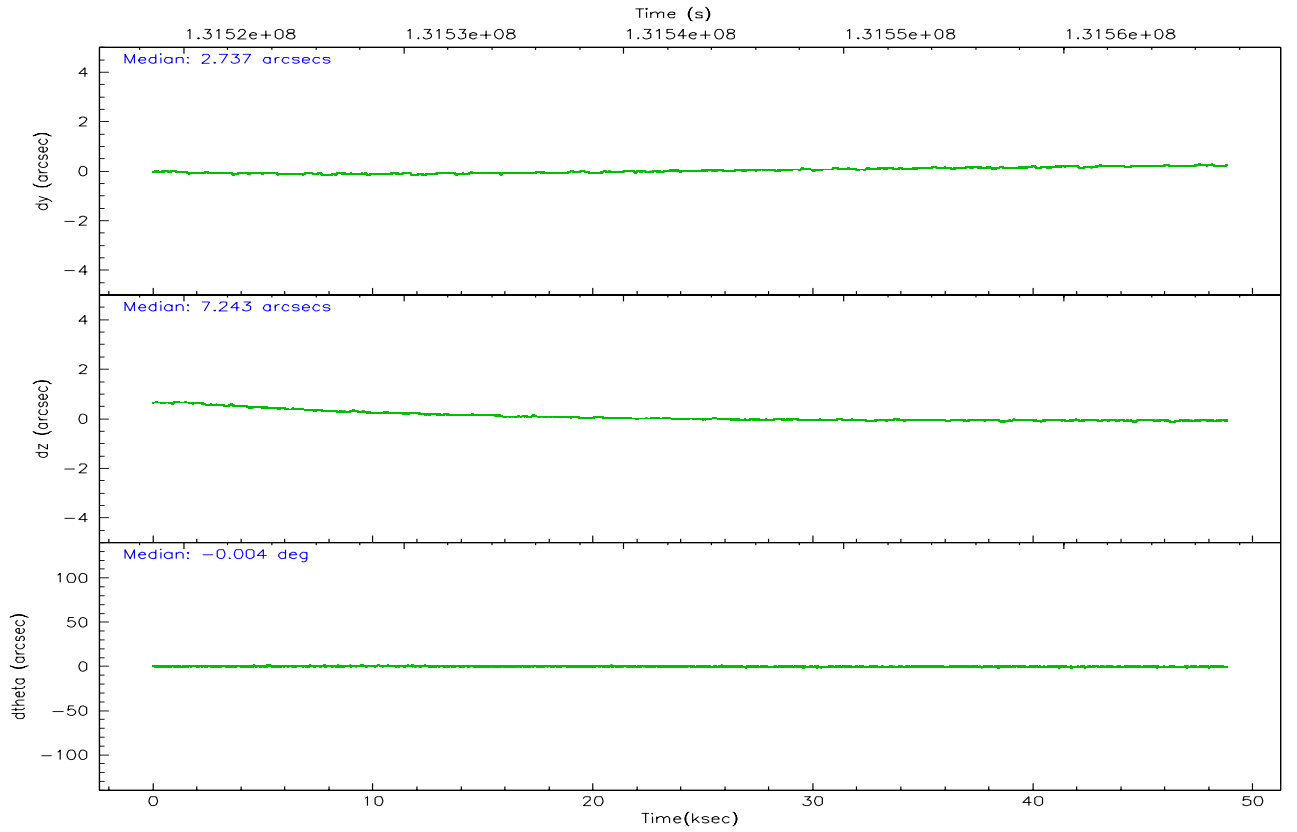
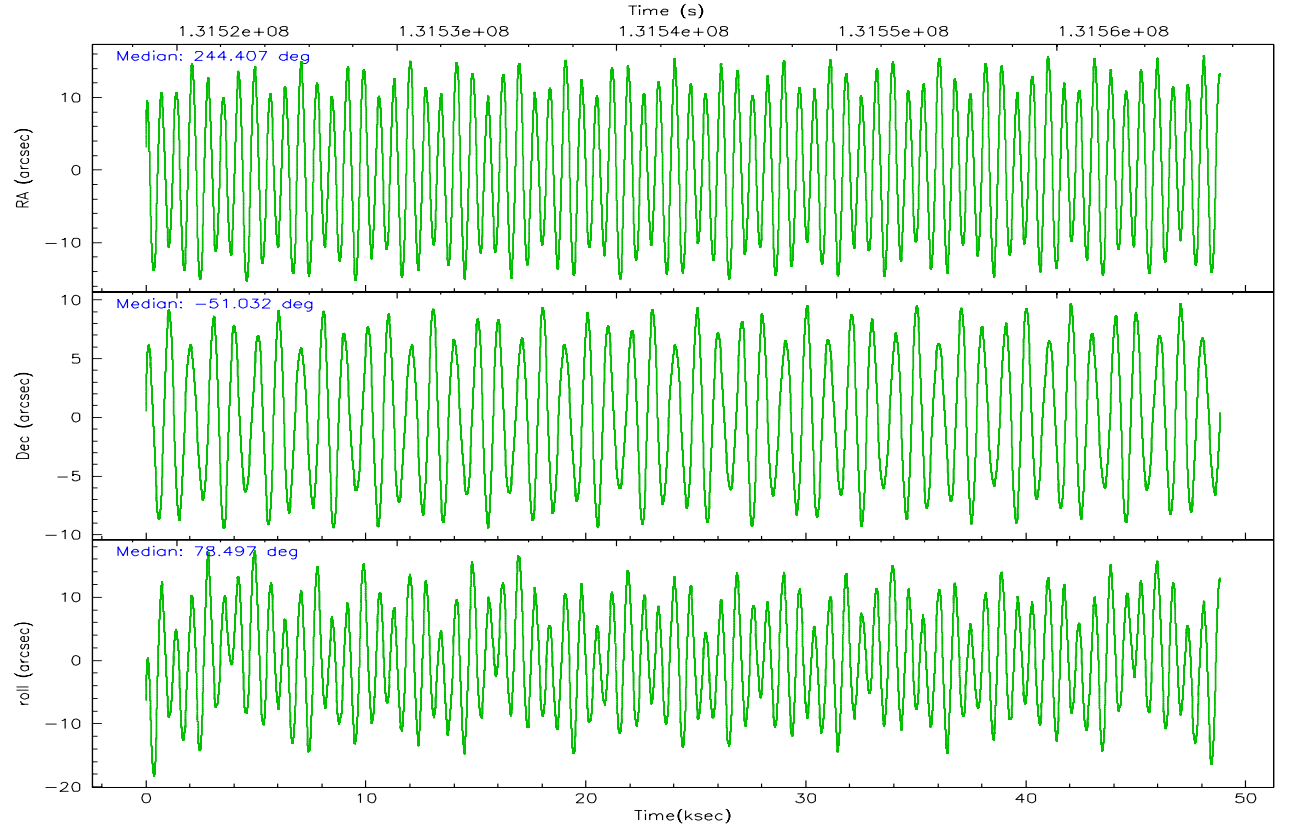
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8513	9128	69564	29723	722216	26828
	12%	11%	21%	13%	26%	18%
grade 1 events	234	233	313	257	979	444
	0%	0%	0%	0%	0%	0%
grade 2 events	24022	28330	78170	148146	853806	43426
	34%	36%	24%	65%	30%	29%
grade 3 events	7525	9132	5462	8163	279249	14140
	10%	11%	1%	3%	10%	9%
grade 4 events	7693	7575	5280	8025	277774	13786
	10%	9%	1%	3%	10%	9%
grade 5 events	11055	11586	24964	13356	48712	17530
	15%	14%	7%	5%	1%	11%
grade 6 events	11256	12315	134381	18534	578112	30780
	16%	15%	42%	8%	20%	20%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	244.421052	244.406790154527	Alternating exposures requested	N	N
Pointing Dec	-51.057486	-51.03175355719691	Primary exposure time	0.000000	0
Pointing Roll	78.353825	78.49935212181491			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	131518940.184000	131517892.58746			
Observation start date	2002-03-03T05:01:16	2002-03-03T04:44:52			
Observation end time	131567440.184000	131568191.38949			
Observation end date	2002-03-03T18:29:36	2002-03-03T18:43:11			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



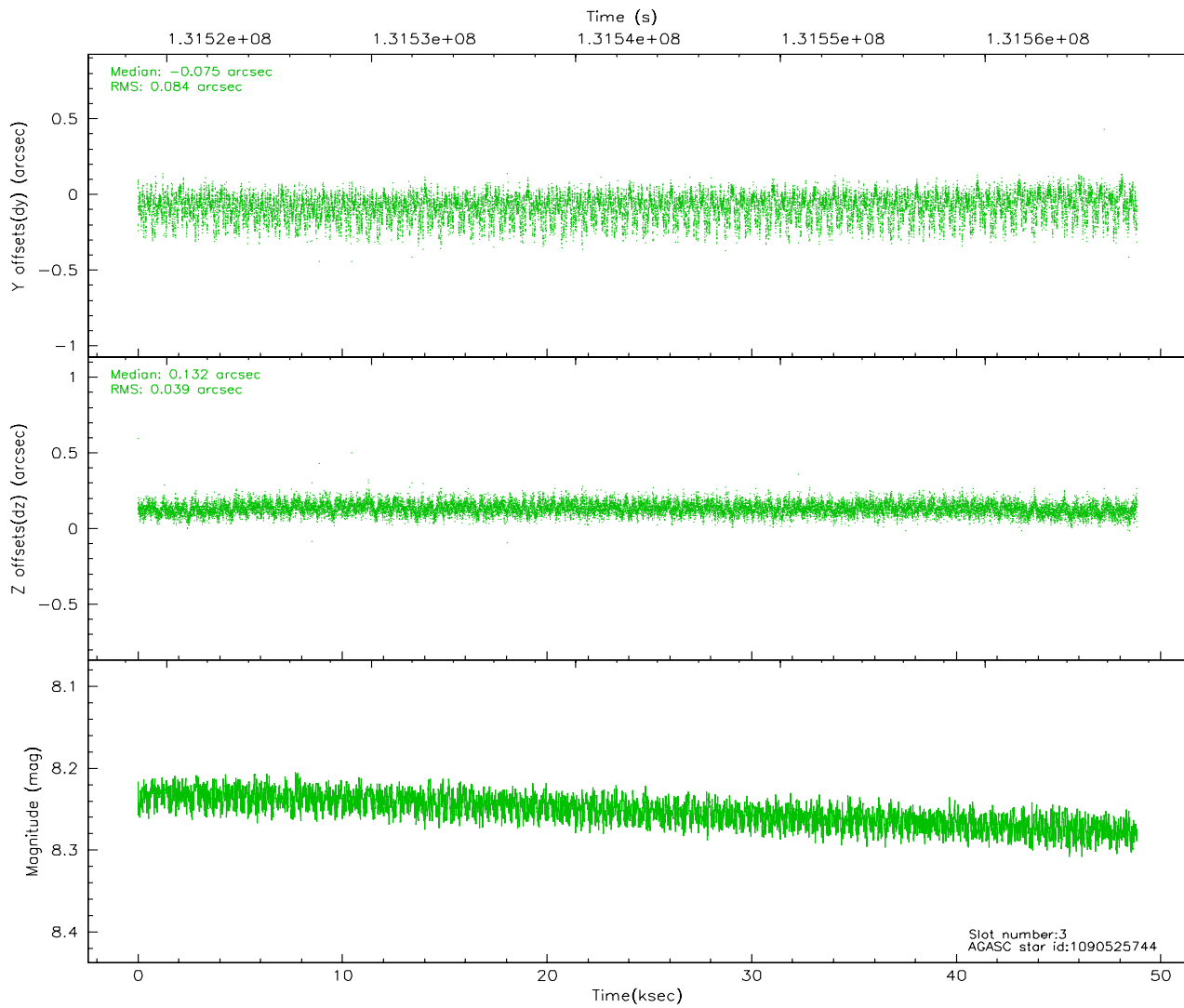
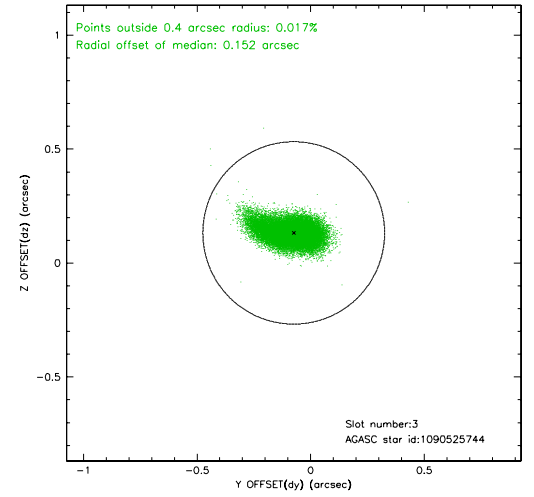
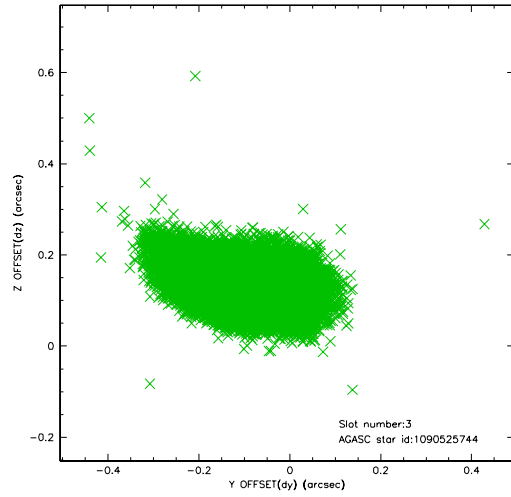


Slot Statistics

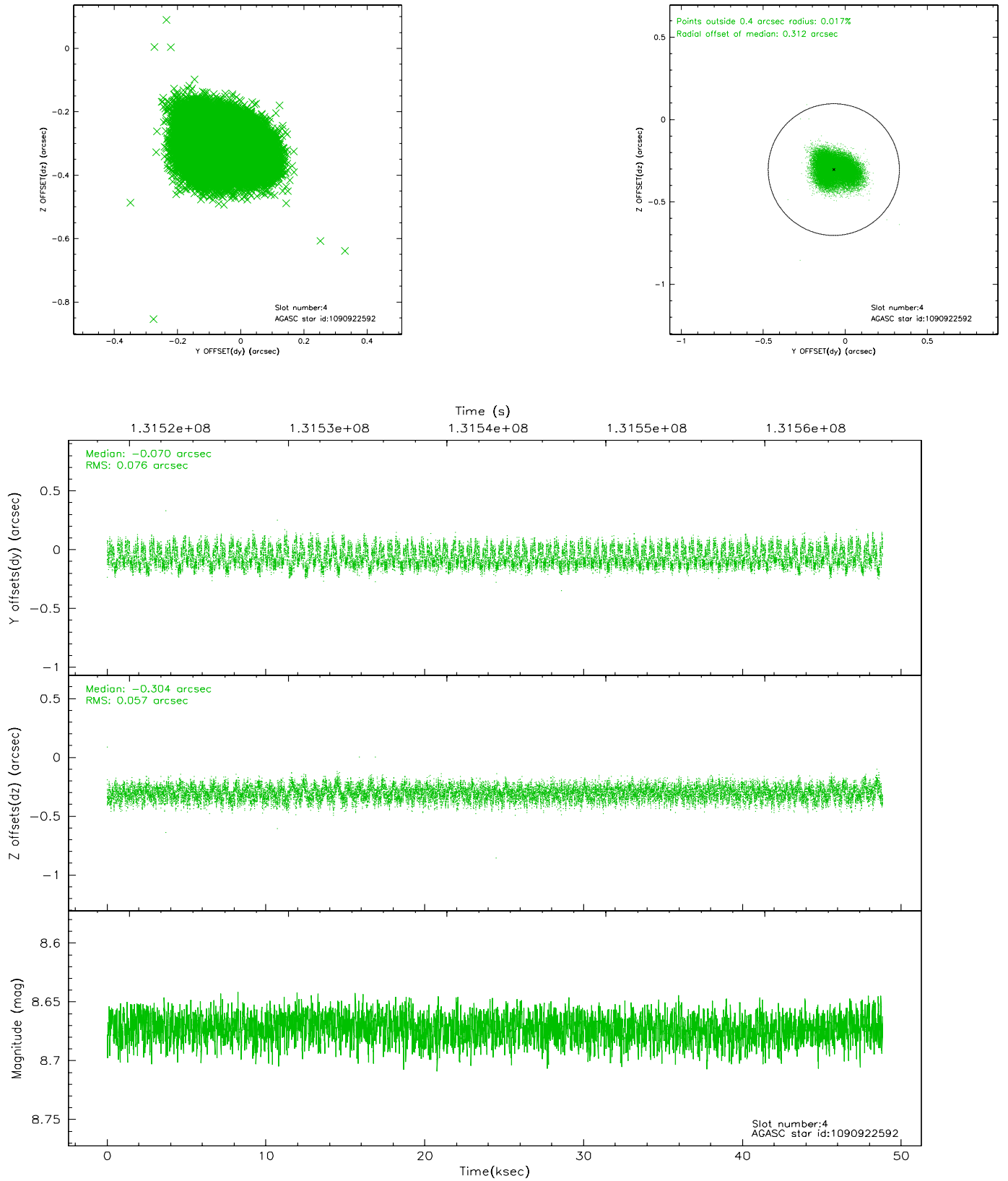
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	11912	0.013	-0.019	0.010	0.023	0.000000	0.000000	940.62	-1724.13
1	FID	ACIS-S-5	7.24	11912	0.029	0.032	0.010	0.016	0.000000	0.000000	-1808.34	173.54
2	FID	ACIS-S-6	7.35	11910	-0.063	-0.000	0.013	0.030	0.000000	0.000000	406.16	817.41
3	GUIDE	1090525744	8.25	23821	-0.075	0.132	0.094	0.171	245.649389	-50.543894	2355.15	-2383.95
4	GUIDE	1090922592	8.67	23822	-0.070	-0.304	0.103	0.156	243.541382	-50.784876	544.24	2155.57
5	GUIDE	1090397136	9.20	23811	-0.092	-0.177	0.081	0.130	243.971780	-50.589354	1439.99	1344.84
6	GUIDE	1091061384	9.33	23804	0.148	0.179	0.093	0.151	245.043918	-51.237076	-355.51	-1506.91
7	GUIDE	1091061088	9.40	23805	0.090	0.168	0.080	0.132	244.721043	-51.407800	-1100.58	-914.99

2.4 Star Slots

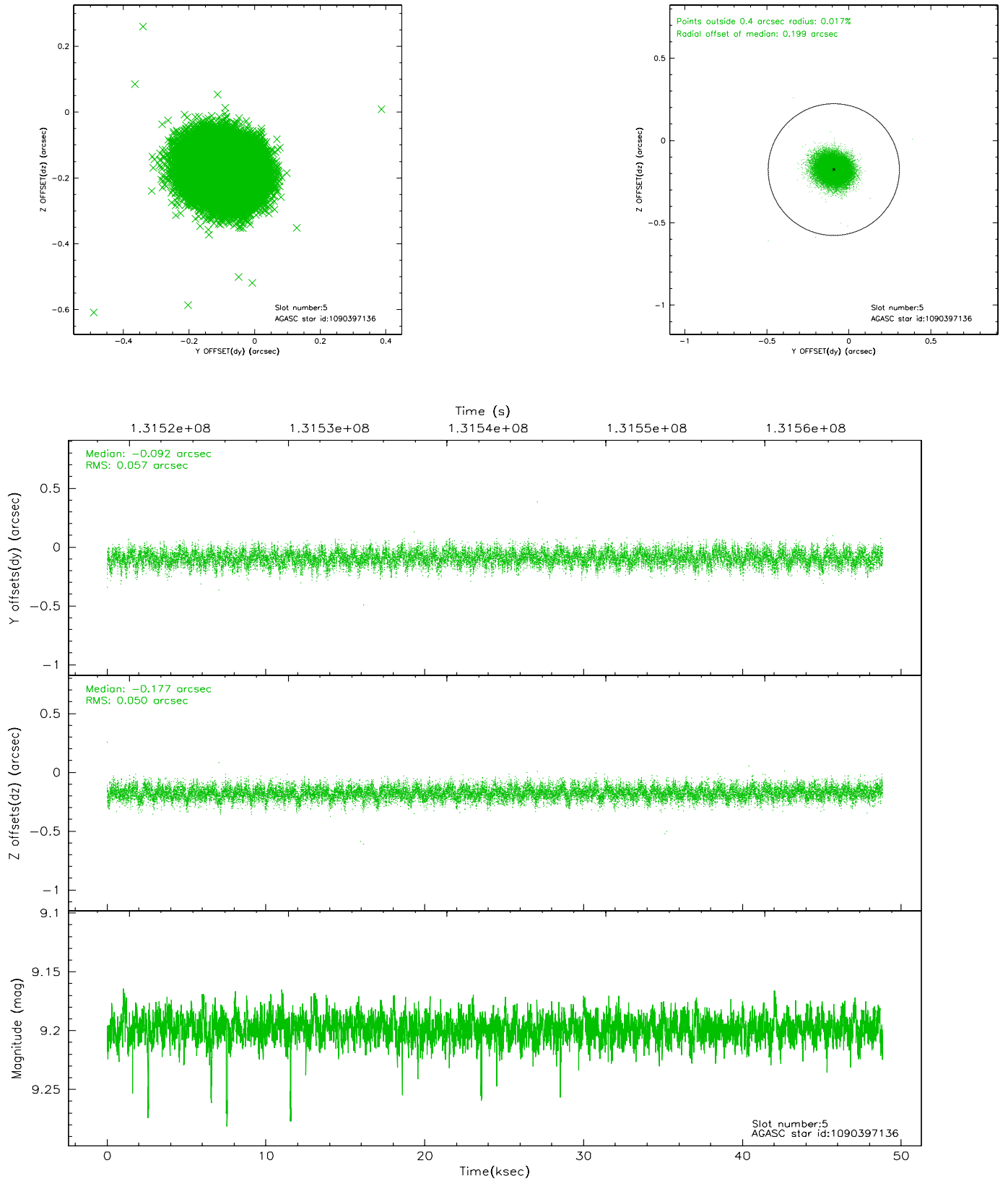
2.4.1 Slot 3



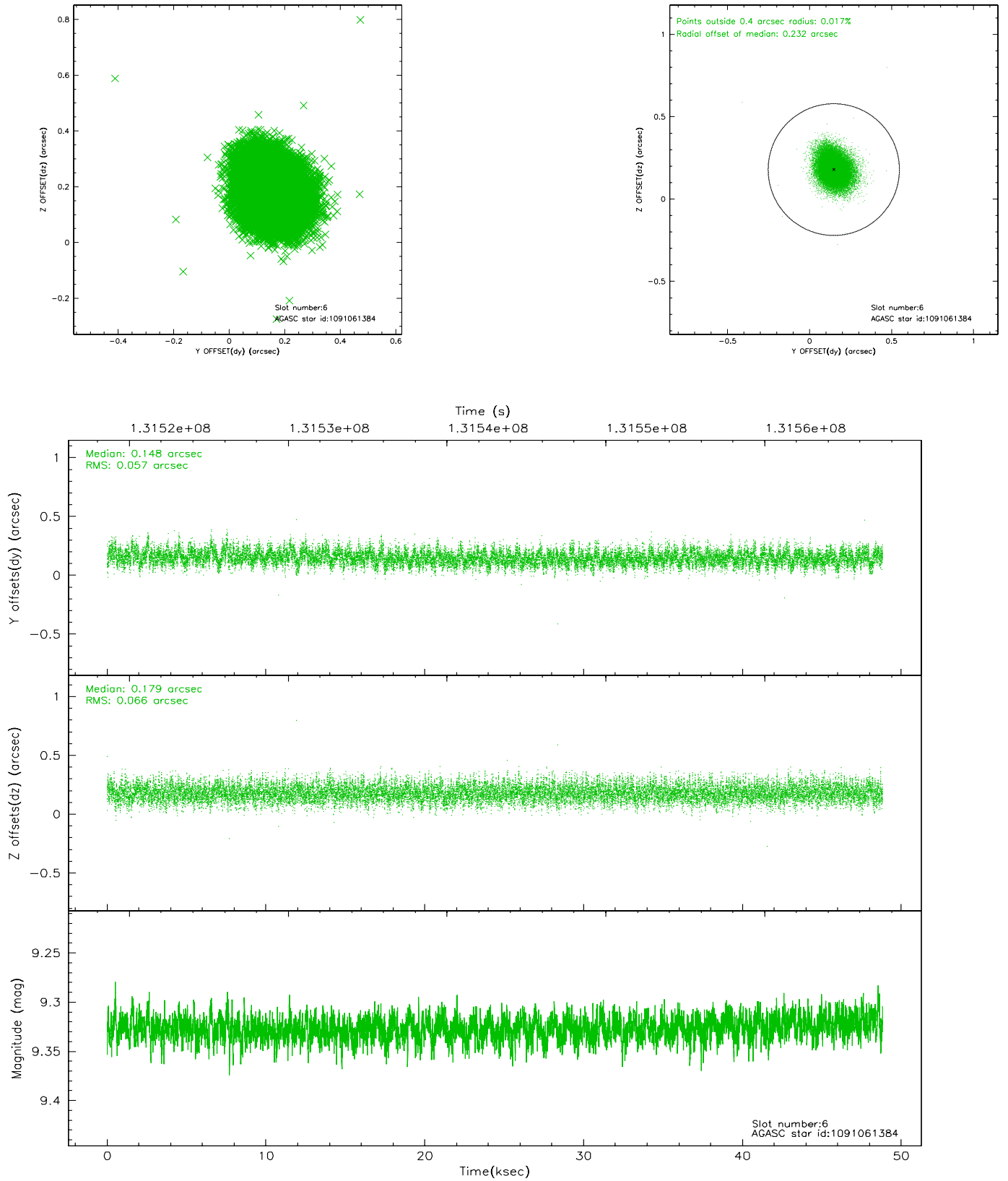
2.4.2 Slot 4



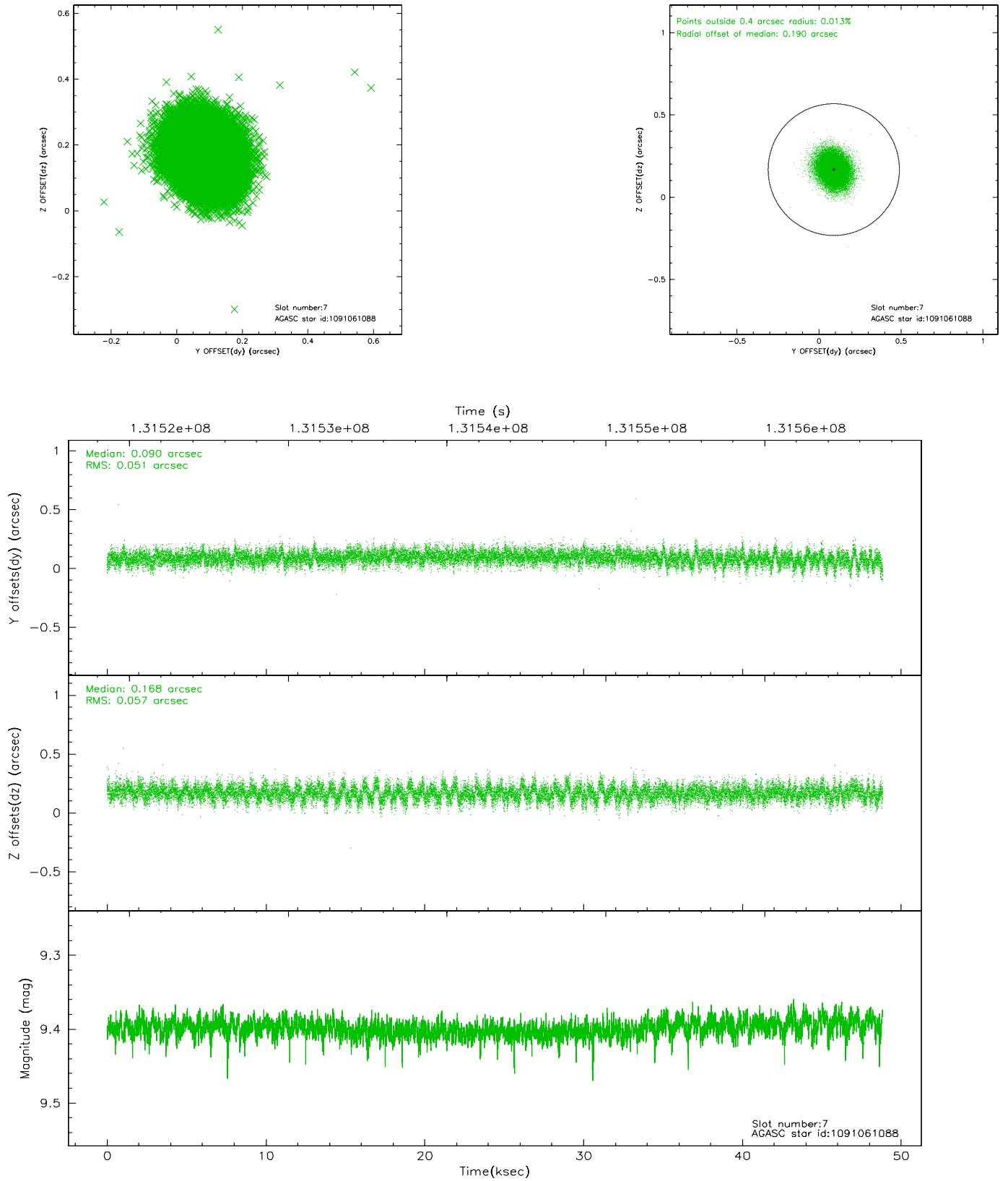
2.4.3 Slot 5



2.4.4 Slot 6

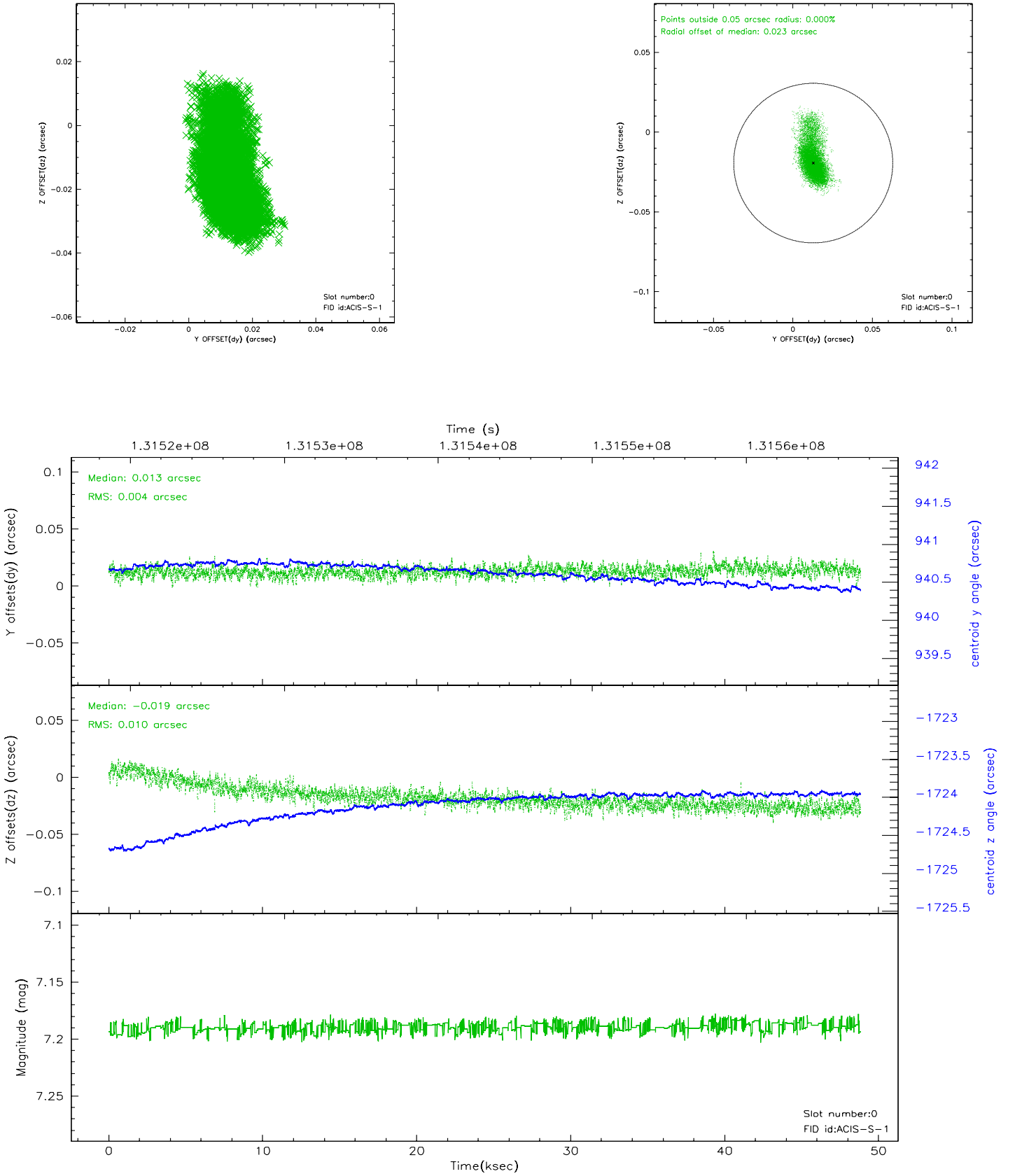


2.4.5 Slot 7

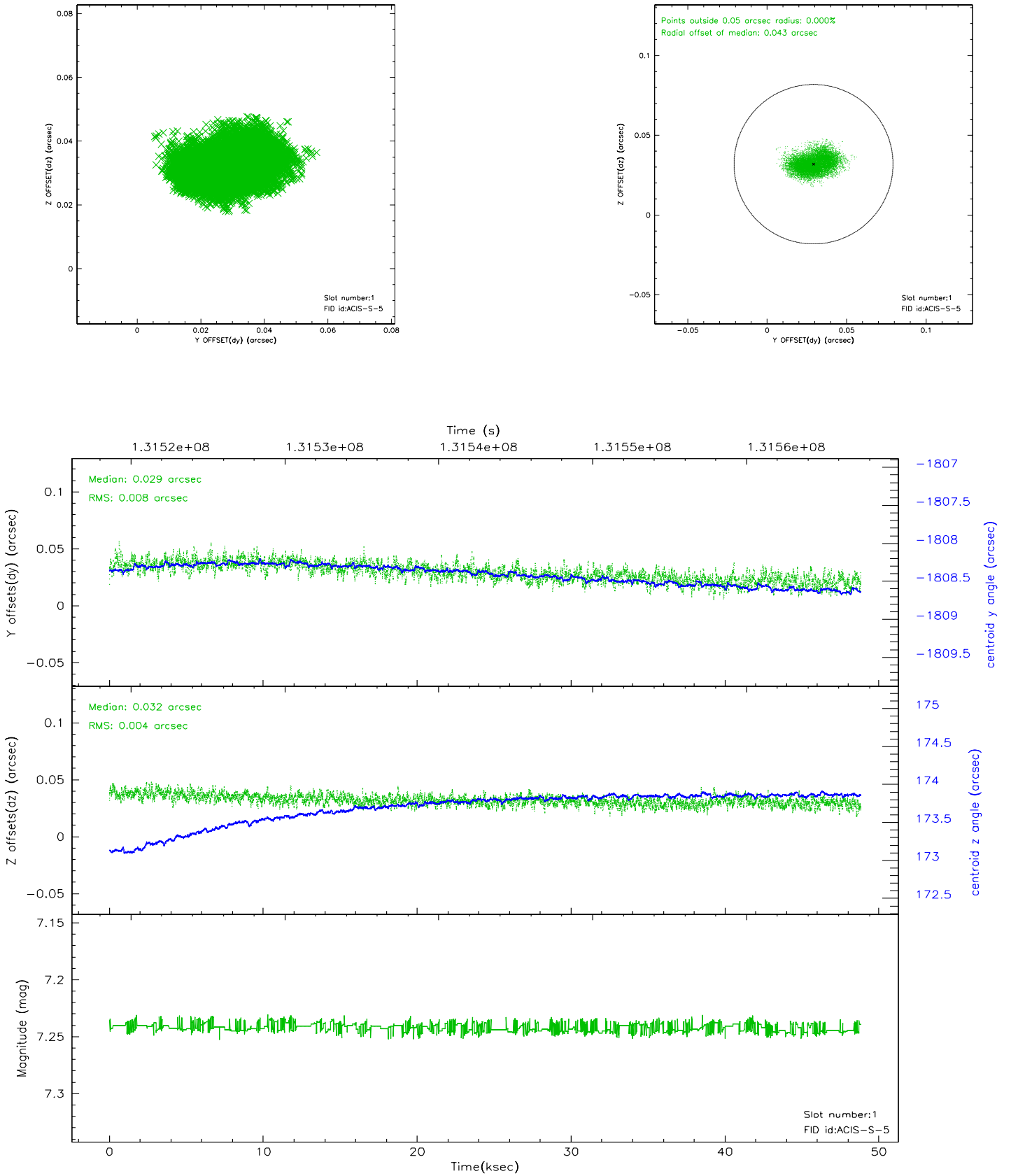


2.5 FID Slots

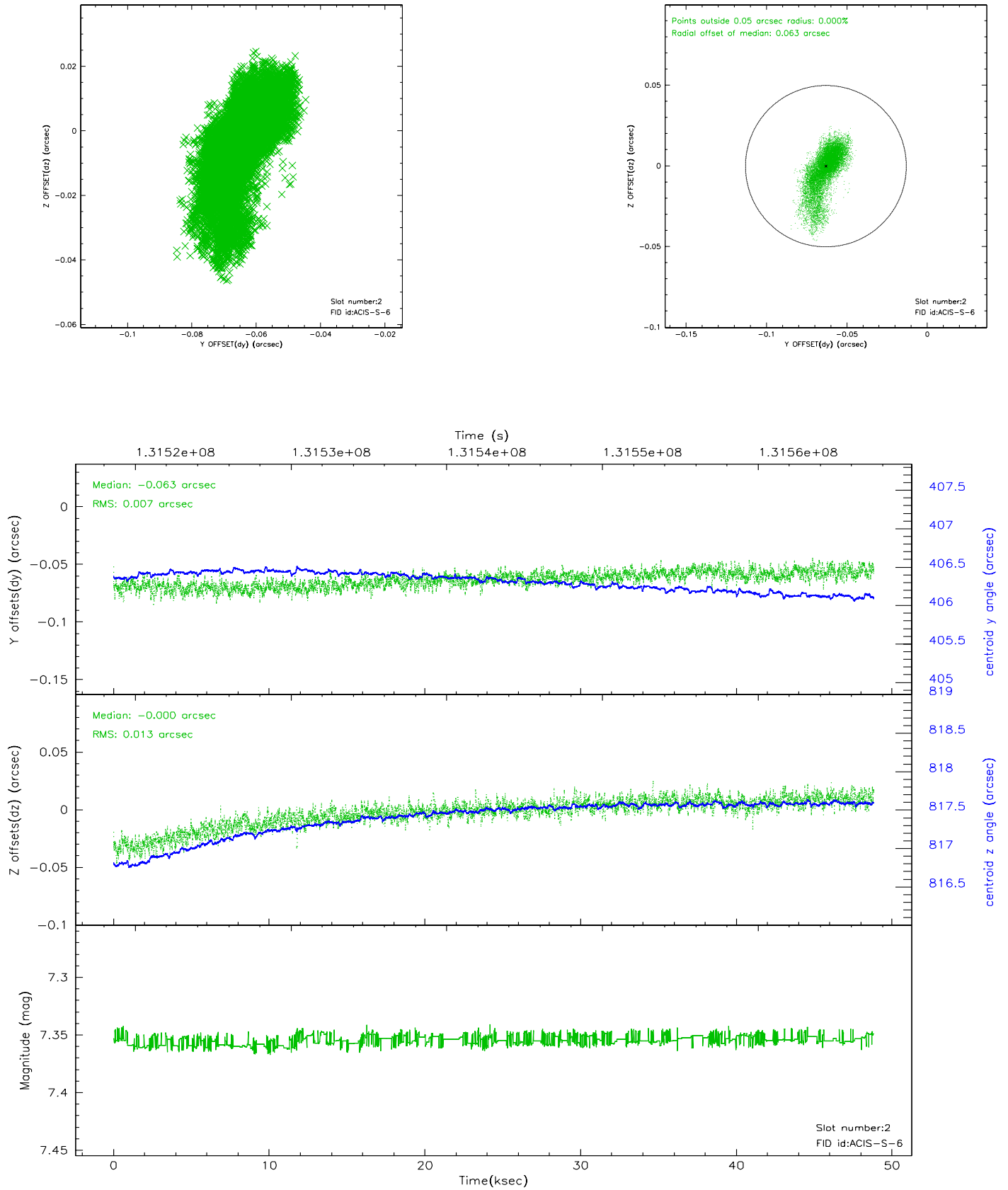
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.833

A.2 Comments