

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11285 - L2 Version 2
Chandra X-Ray Center

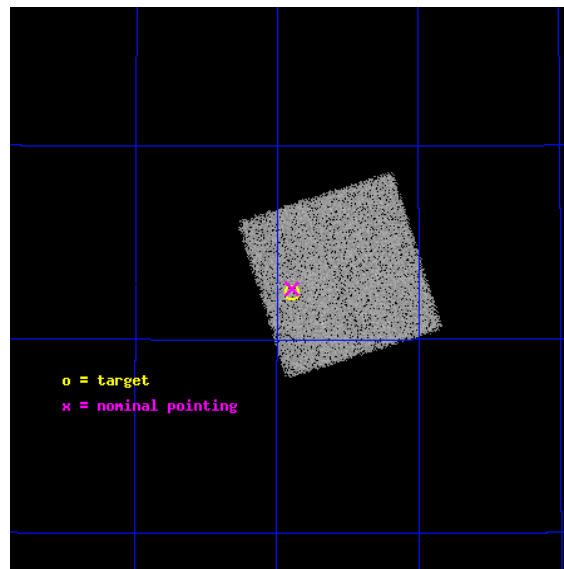
L2 Processing Date : Jul 2 2012

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
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

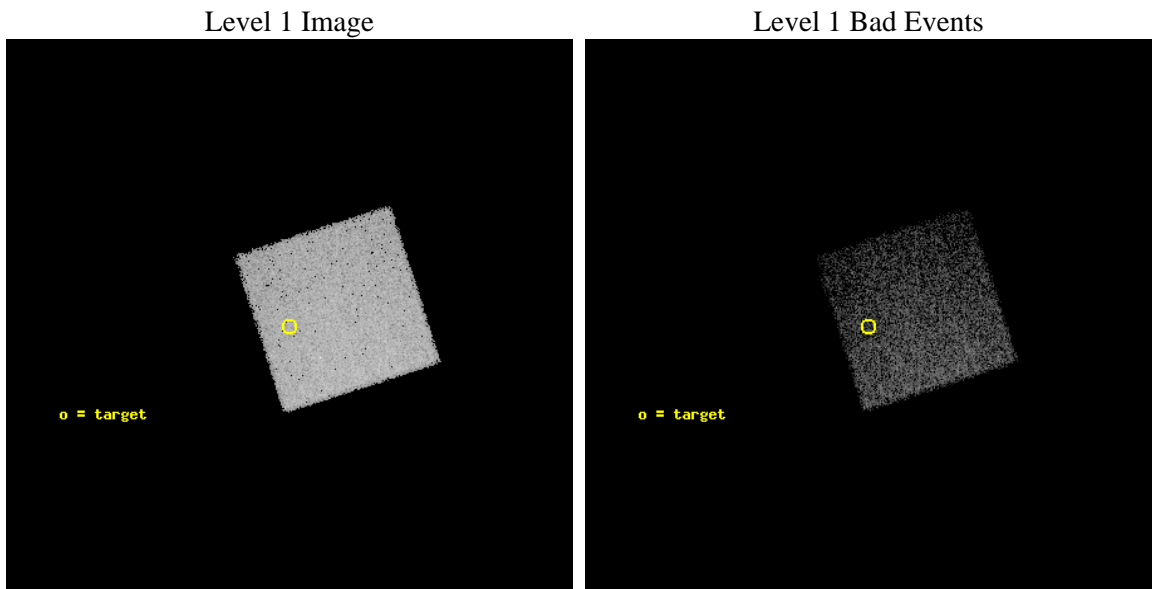
seq_num	600804	Sequence number
obs_id	11285	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	SBS 1102+606	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.47375	Observer's specified target RA [deg]
dec_targ	60.374639	Observer's specified target Dec [deg]
ra_nom	166.47365225797	Nominal RA [deg]
dec_nom	60.377359473621	Nominal Dec [deg]
roll_nom	342.22322505496	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10338.0	Sum of GTIs [s]
livetime	10198.484728909	Livetime [s]
ontime7	10338.0	Sum of GTIs [s]
l2events	40910	Number of level 2 events



2 OBI

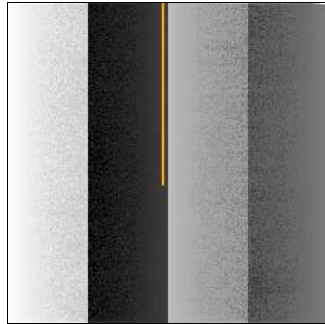
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10261.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10338.0	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	10338.0	Sum of GTIs [s]
date	2012-07-02T05:36:02	Date and time of file creation	l1events	92977	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

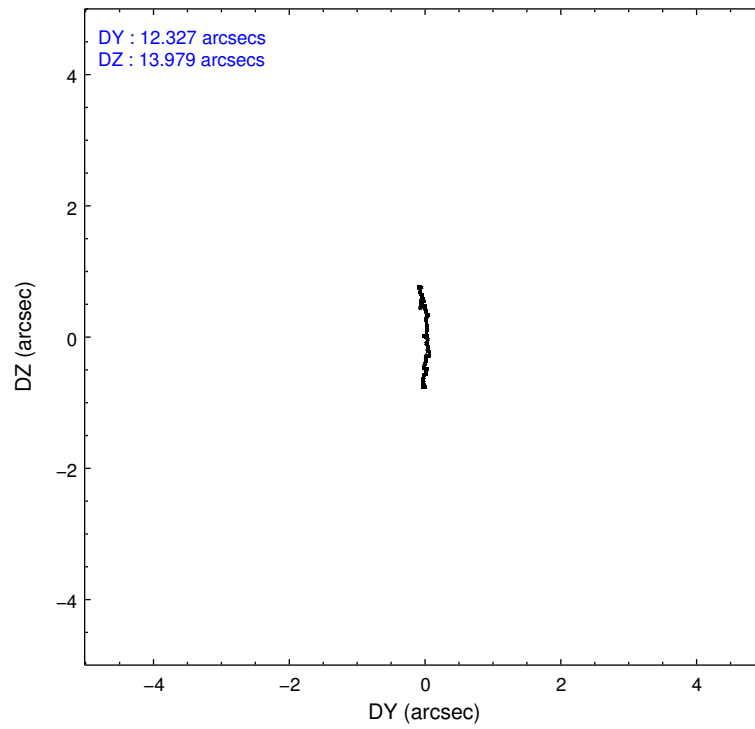
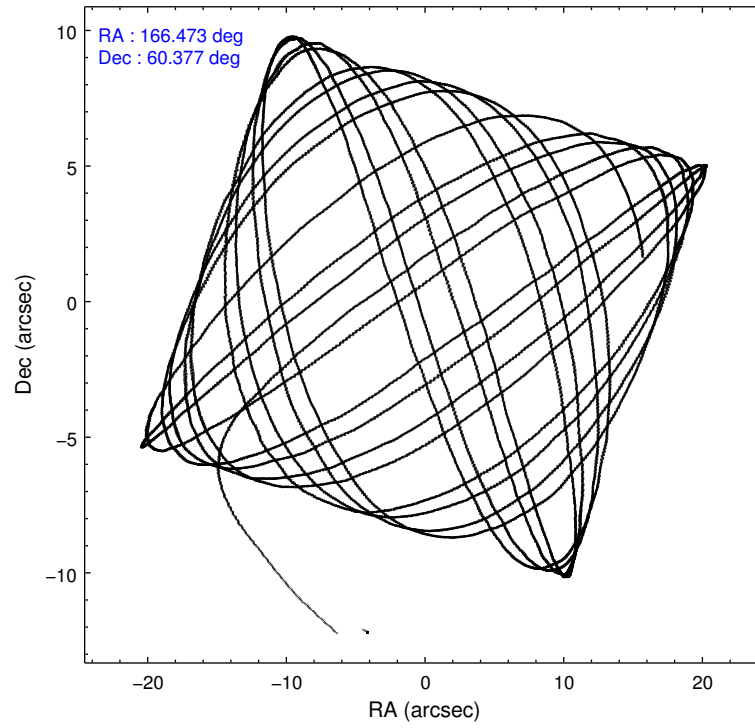
	ccd 7
level 1 events	92977
rejected events	50916
rejected %	54%

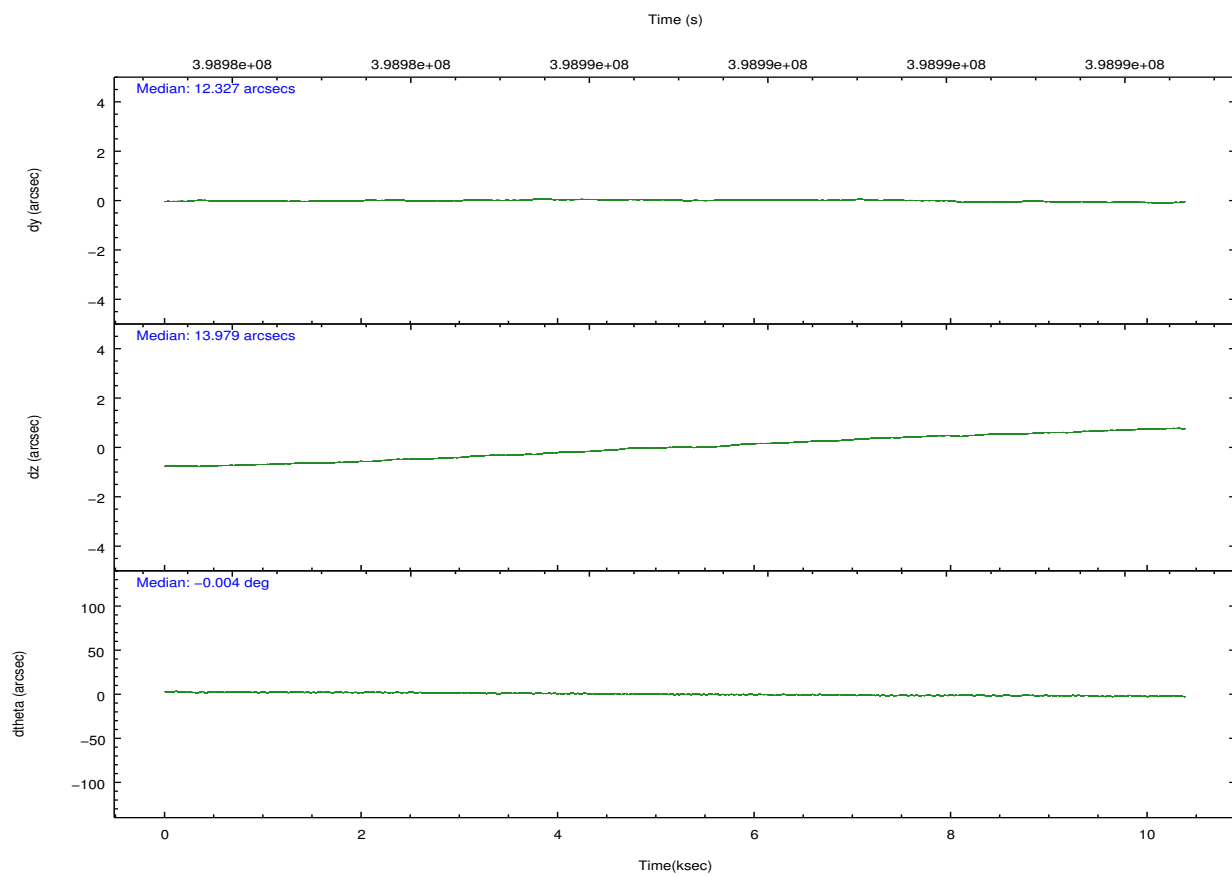
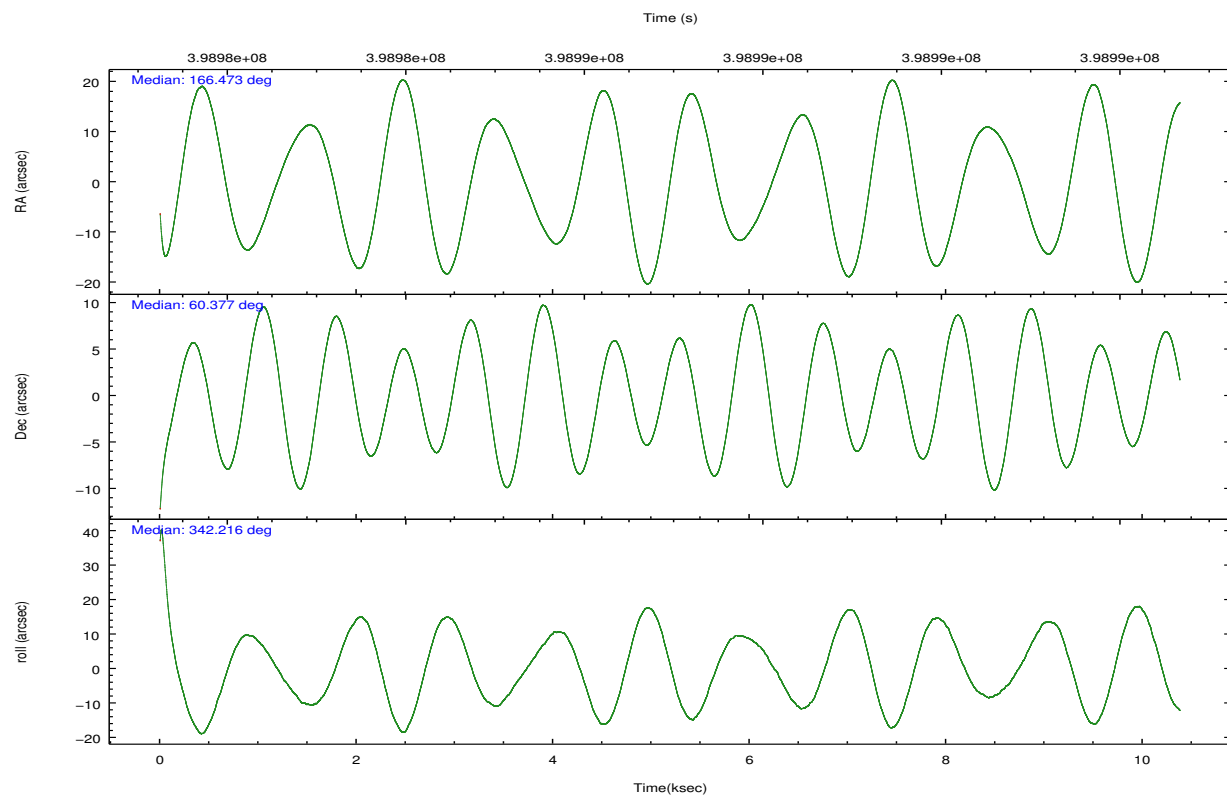
	ccd 7
grade 0 events	3772
	4%
grade 1 events	112
	0%
grade 2 events	8324
	8%
grade 3 events	3797
	4%
grade 4 events	3711
	3%
grade 5 events	9708
	10%
grade 6 events	22462
	24%
grade 7 events	41091
	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	166.419763	166.473652257974	Subarray requested	NONE	NONE
[deg] Pointing Dec	60.371169	60.37735947362074	Alternating exposures requested	N	N
[deg] Pointing Roll	342.113406	342.2232250549573	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	398981884.184000	398980642.16894			
Observation start date	2010-08-23T20:16:58	2010-08-23T19:57:22			
[s] Observation end time (MET)	398992145.184000	398993196.88208			
Observation end date	2010-08-23T23:07:59	2010-08-23T23:26:36			
Read mode	TIMED	TIMED			

2.3 Aspect



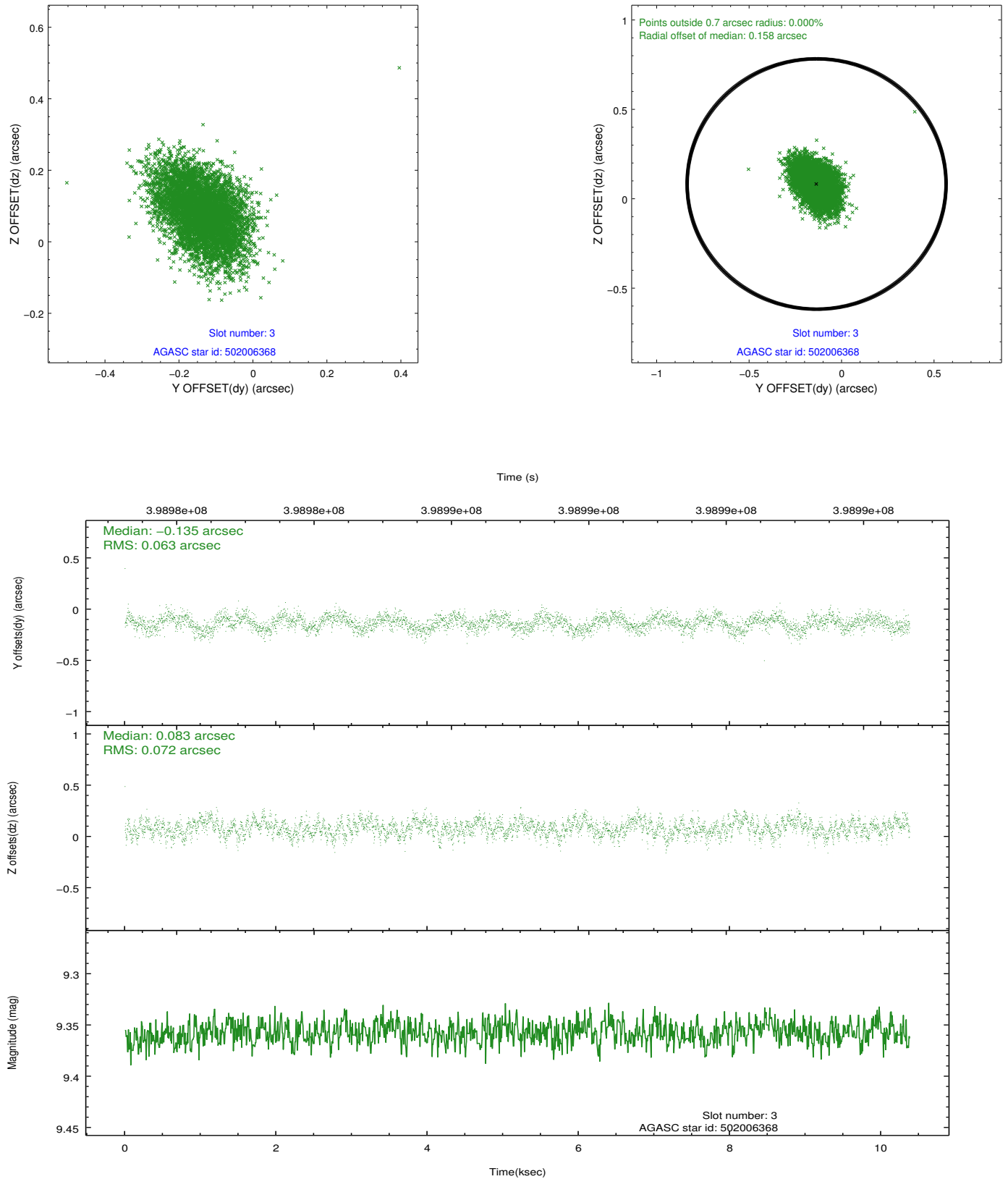


Slot Statistics

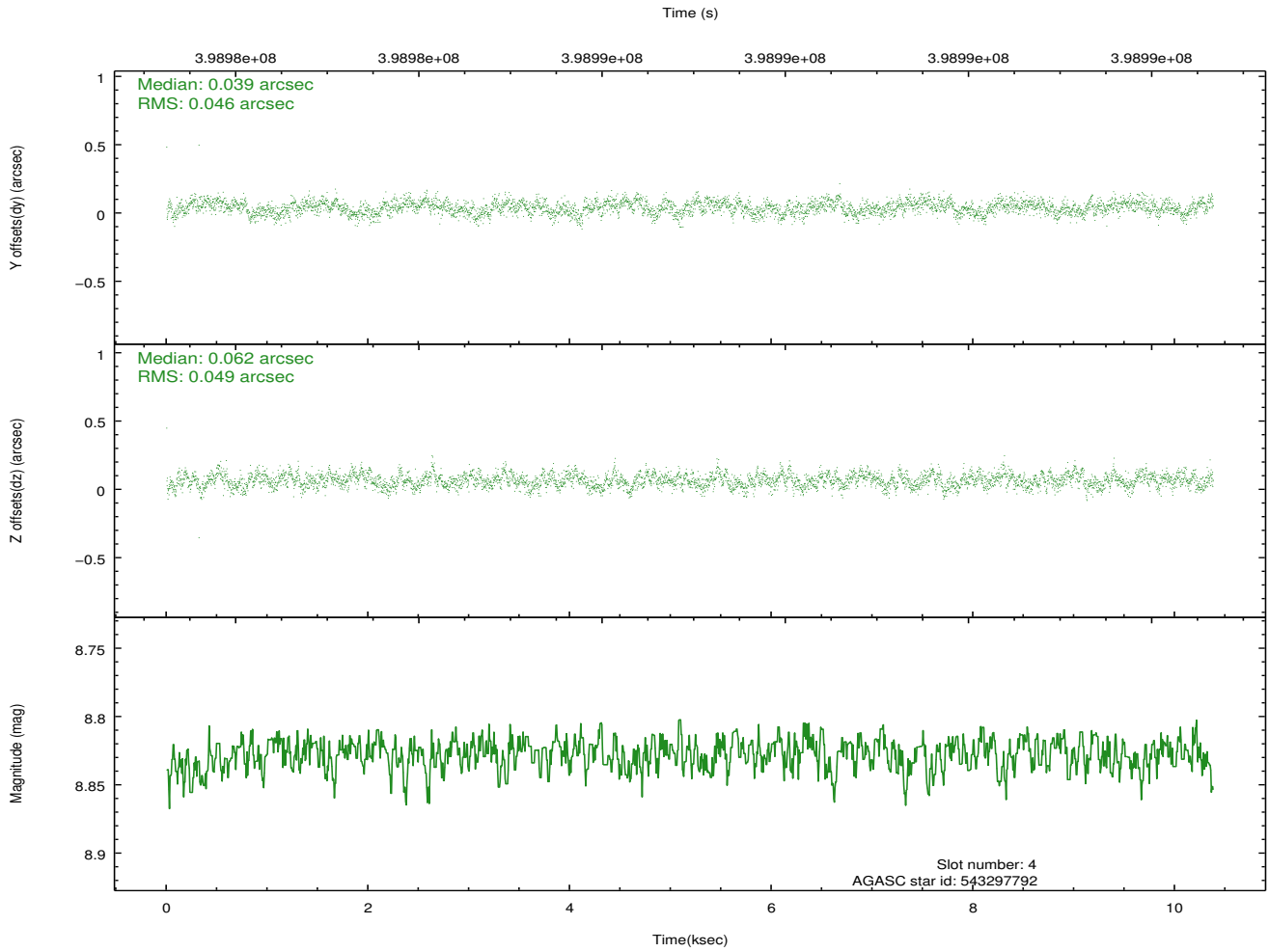
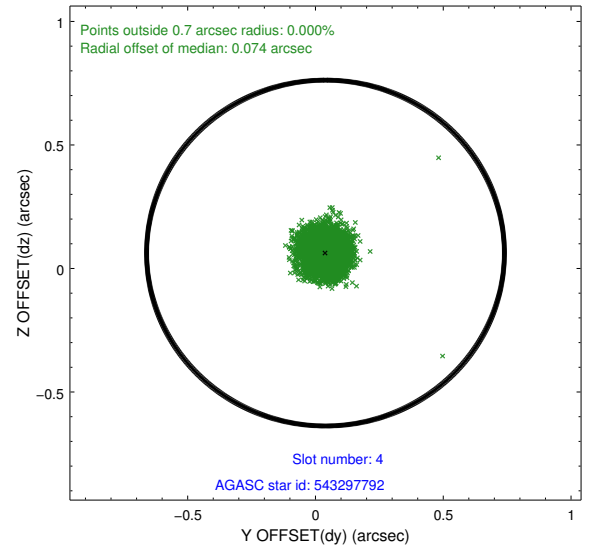
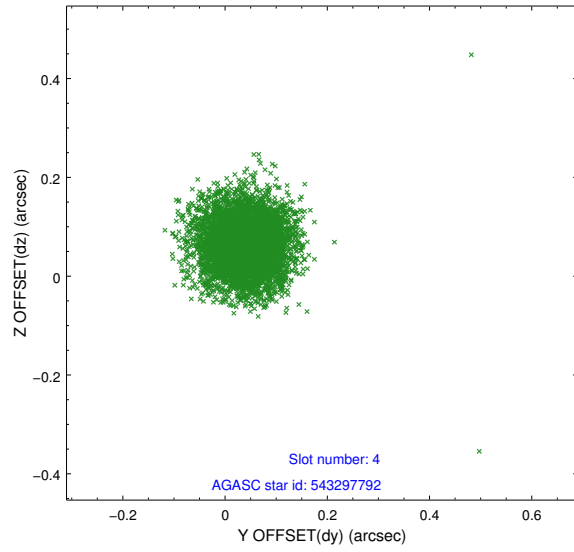
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.95	2532	-0.034	-0.044	0.015	0.024	0.000000	0.000000	-765.24	-1735.31
1	FID	ACIS-S-4	7.04	2532	0.143	0.029	0.012	0.019	0.000000	0.000000	2147.97	172.73
2	FID	ACIS-S-5	7.08	2532	-0.139	0.026	0.012	0.021	0.000000	0.000000	-1817.55	166.95
3	GUIDE	502006368	9.36	5053	-0.135	0.083	0.102	0.165	166.485137	59.835674	705.14	-1797.95
4	GUIDE	543297792	8.83	5063	0.039	0.062	0.071	0.115	165.408156	60.126451	-1459.13	-1382.64
5	GUIDE	543431040	9.30	5059	0.281	0.067	0.092	0.149	165.729791	60.147413	-930.95	-1141.61
6	GUIDE	543433168	7.62	5060	-0.167	-0.253	0.064	0.101	167.468171	60.782635	1293.69	1989.58
7	GUIDE	502007032	8.48	5062	-0.018	0.042	0.087	0.140	166.143012	59.802020	152.99	-2102.25

2.4 Star Slots

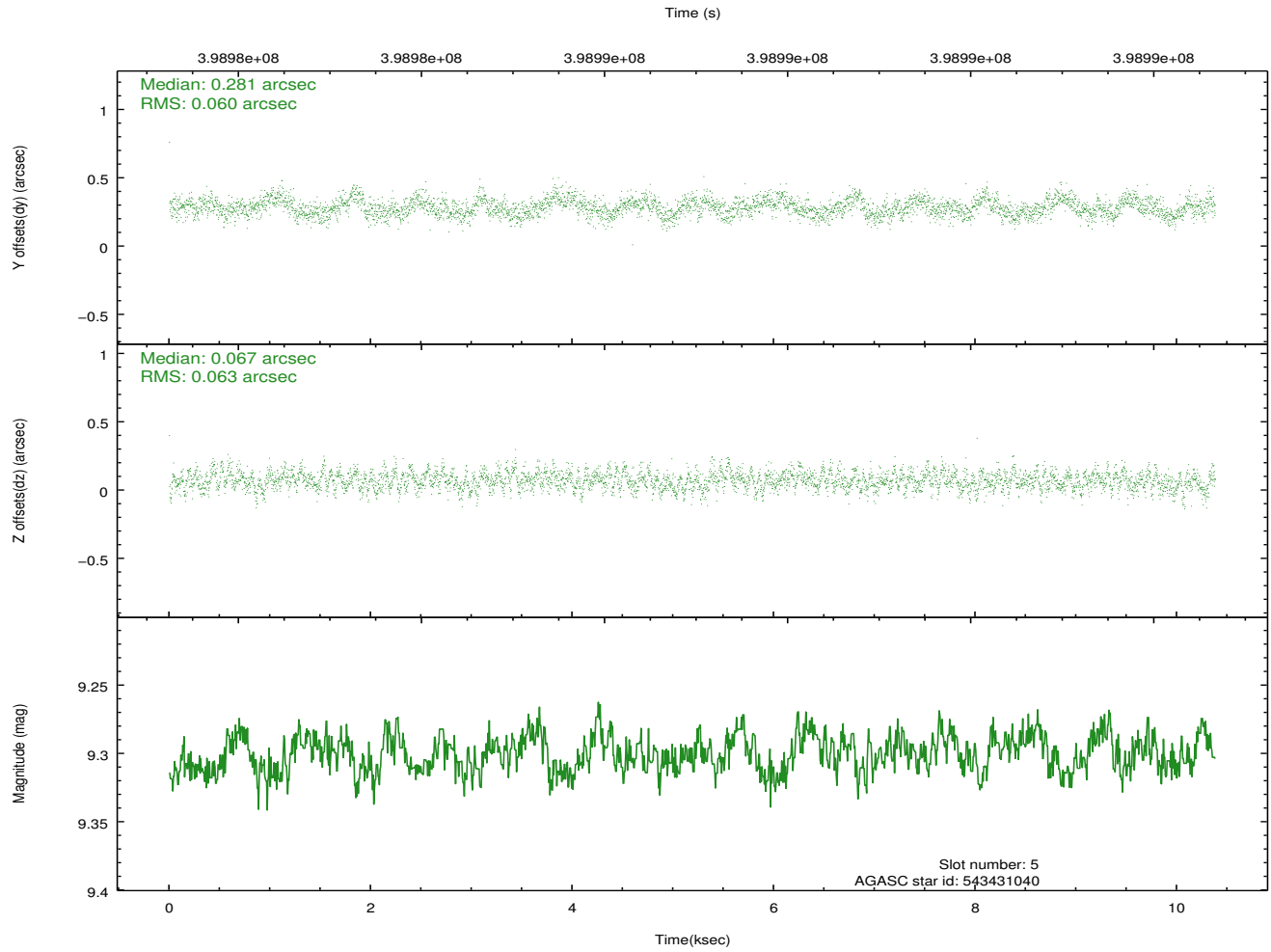
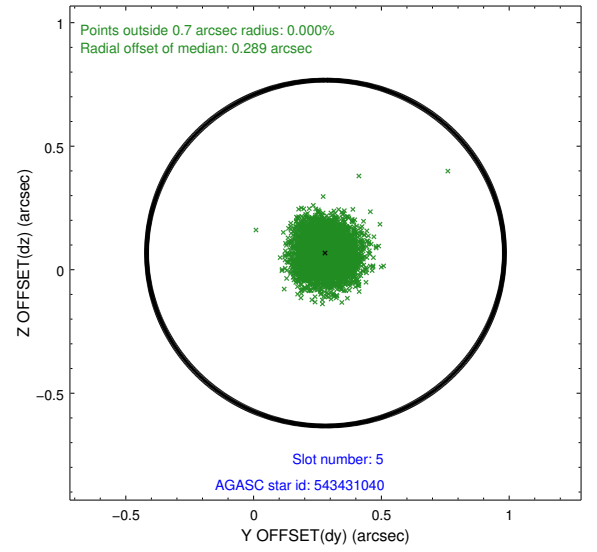
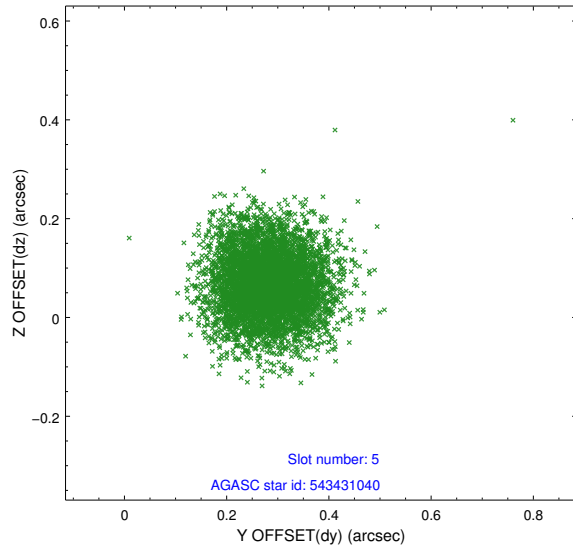
2.4.1 Slot 3



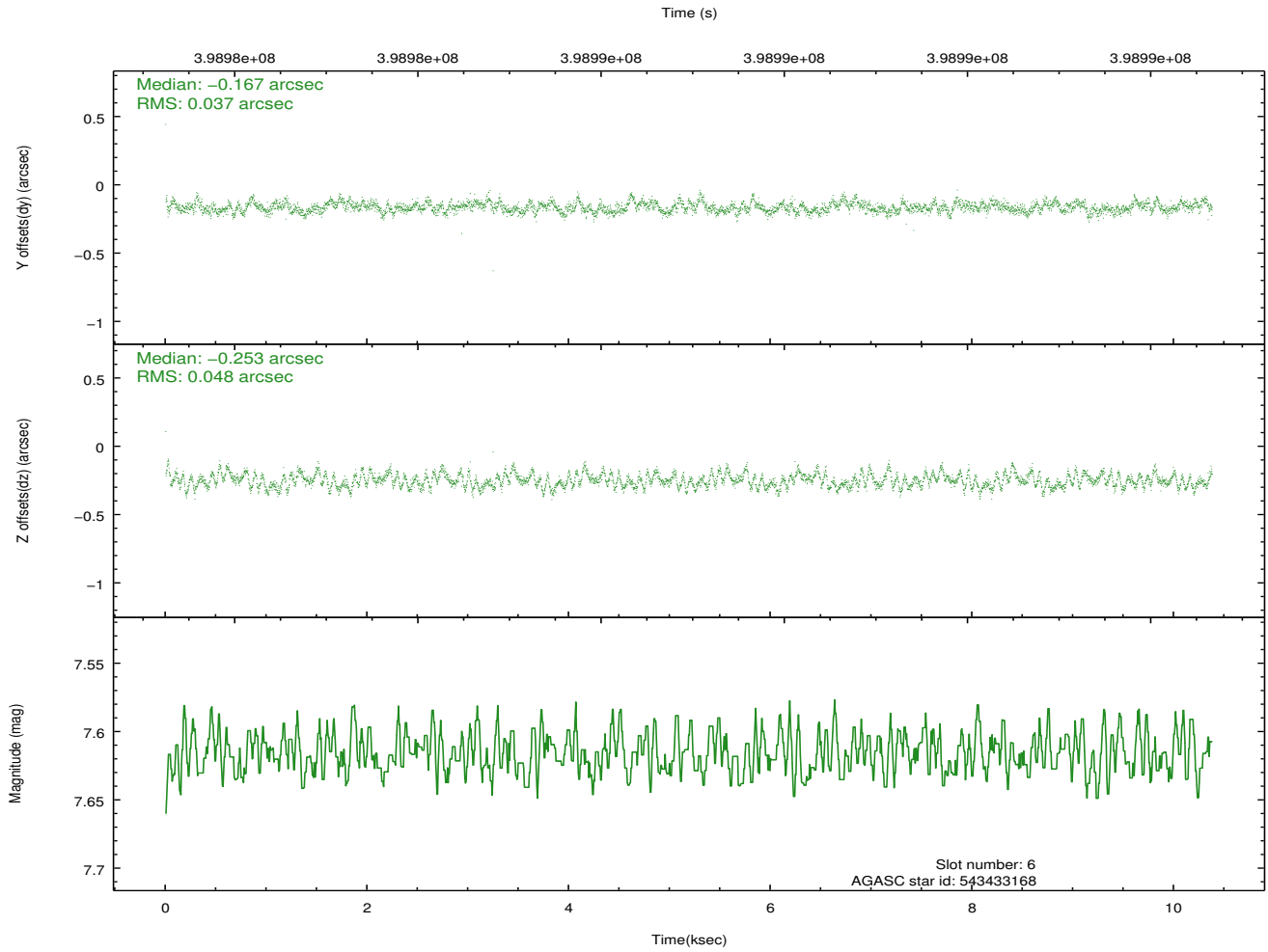
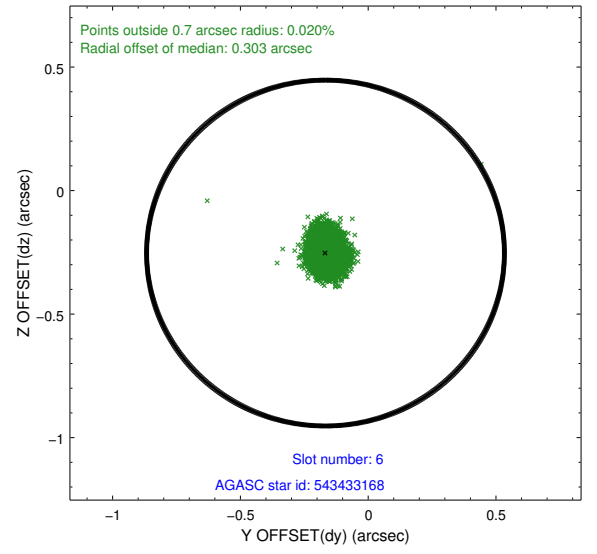
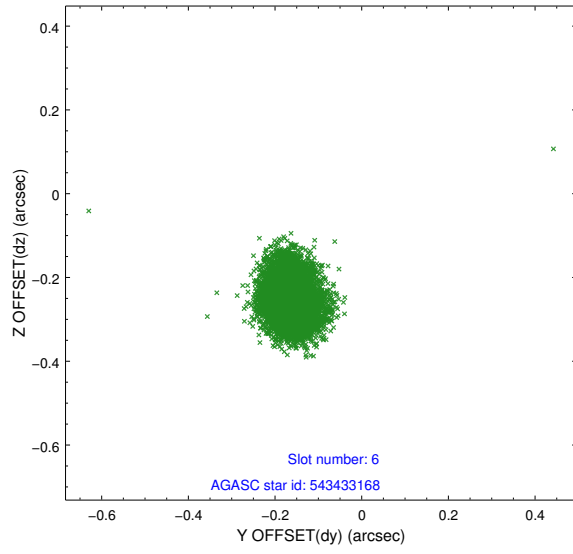
2.4.2 Slot 4



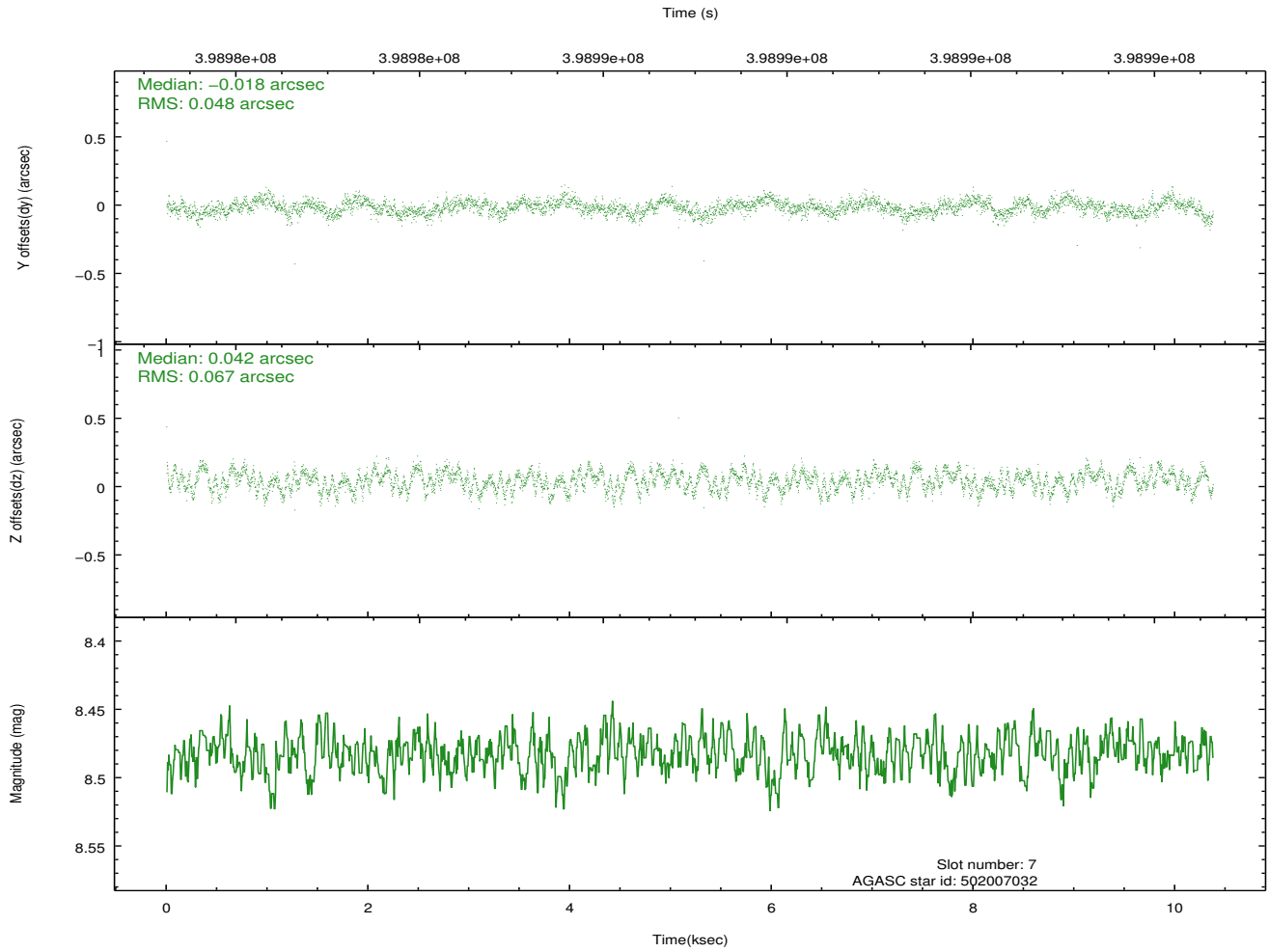
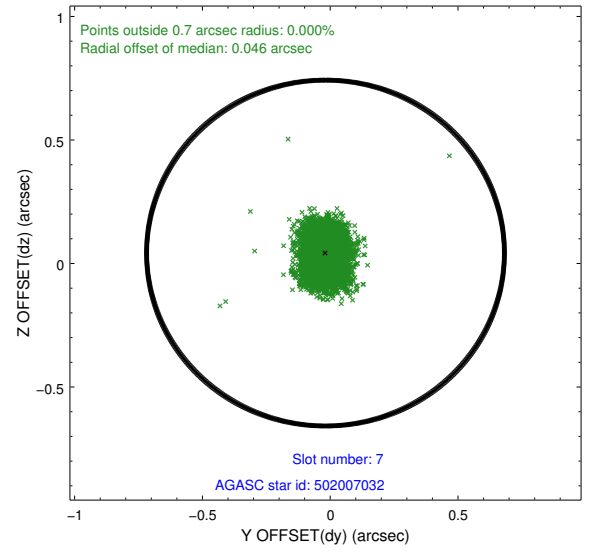
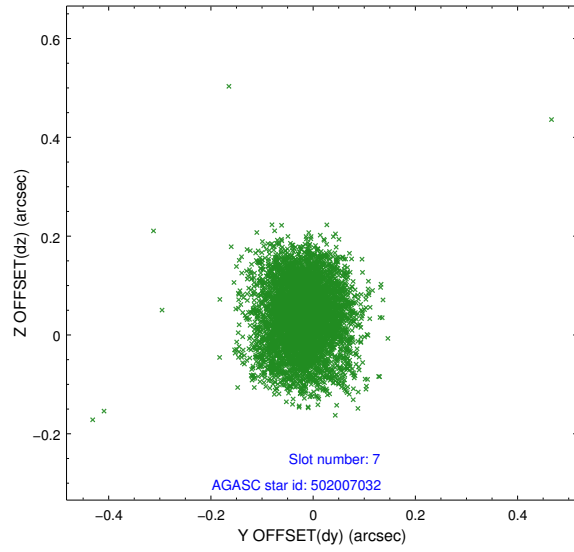
2.4.3 Slot 5



2.4.4 Slot 6

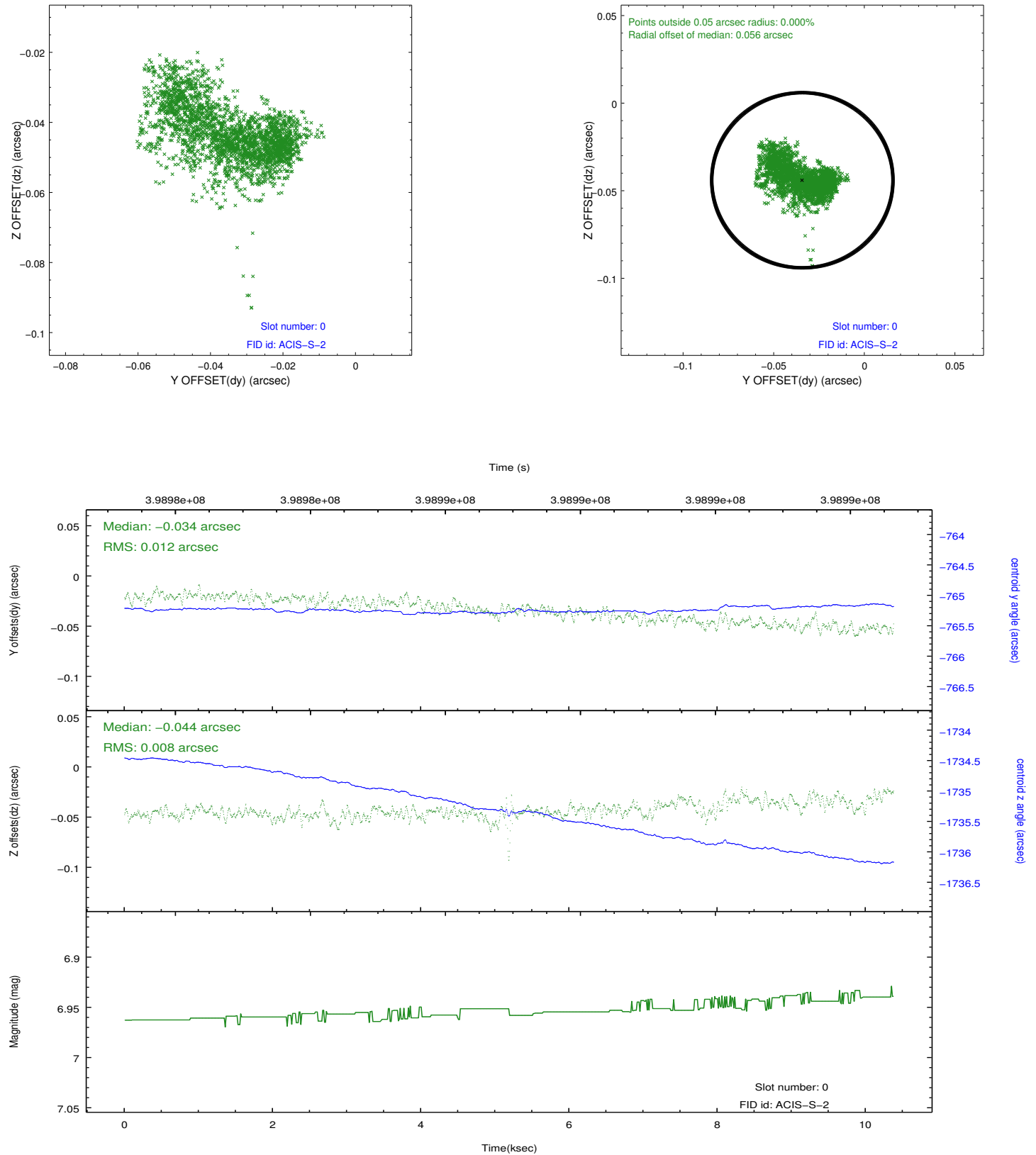


2.4.5 Slot 7

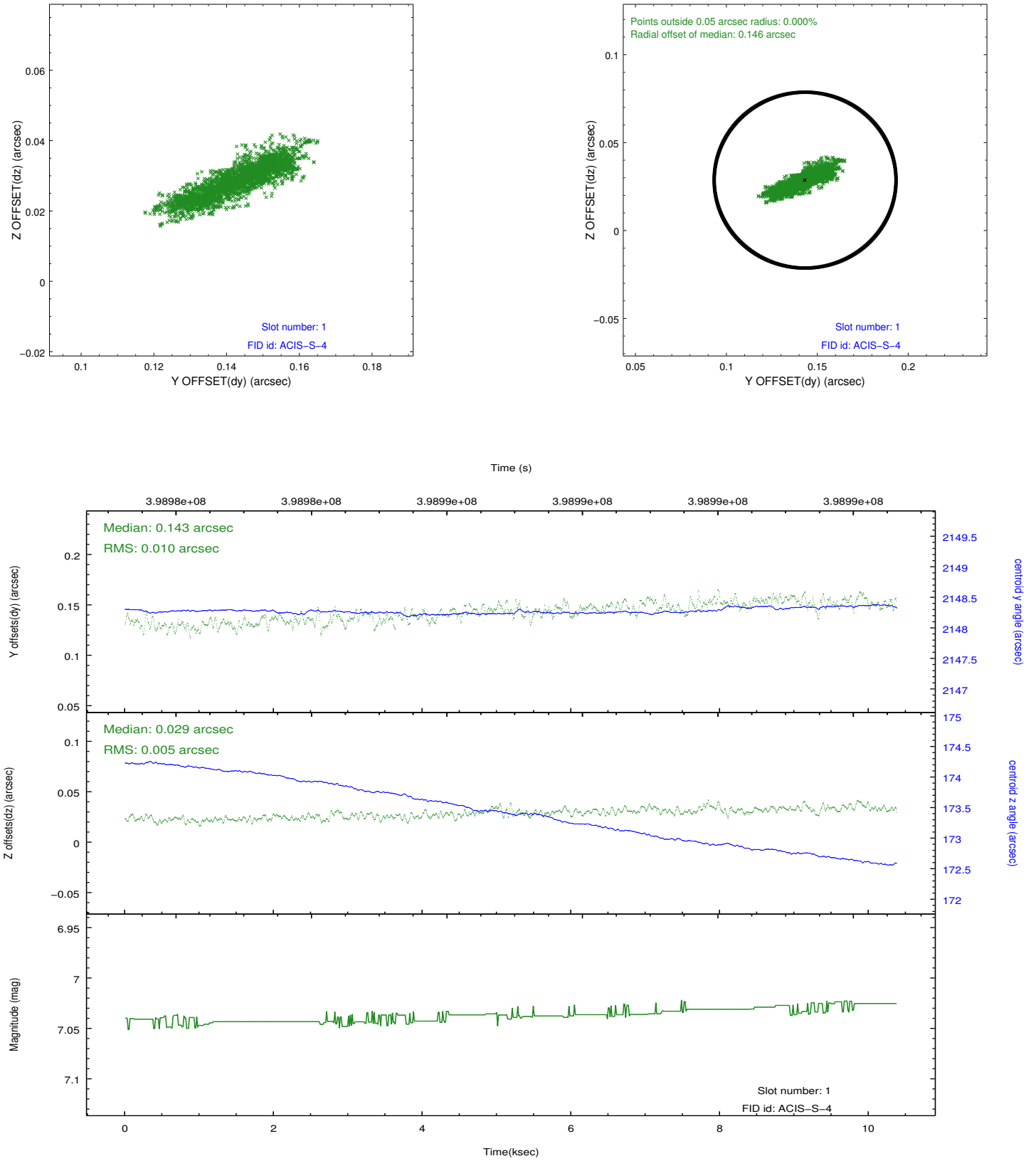


2.5 FID Slots

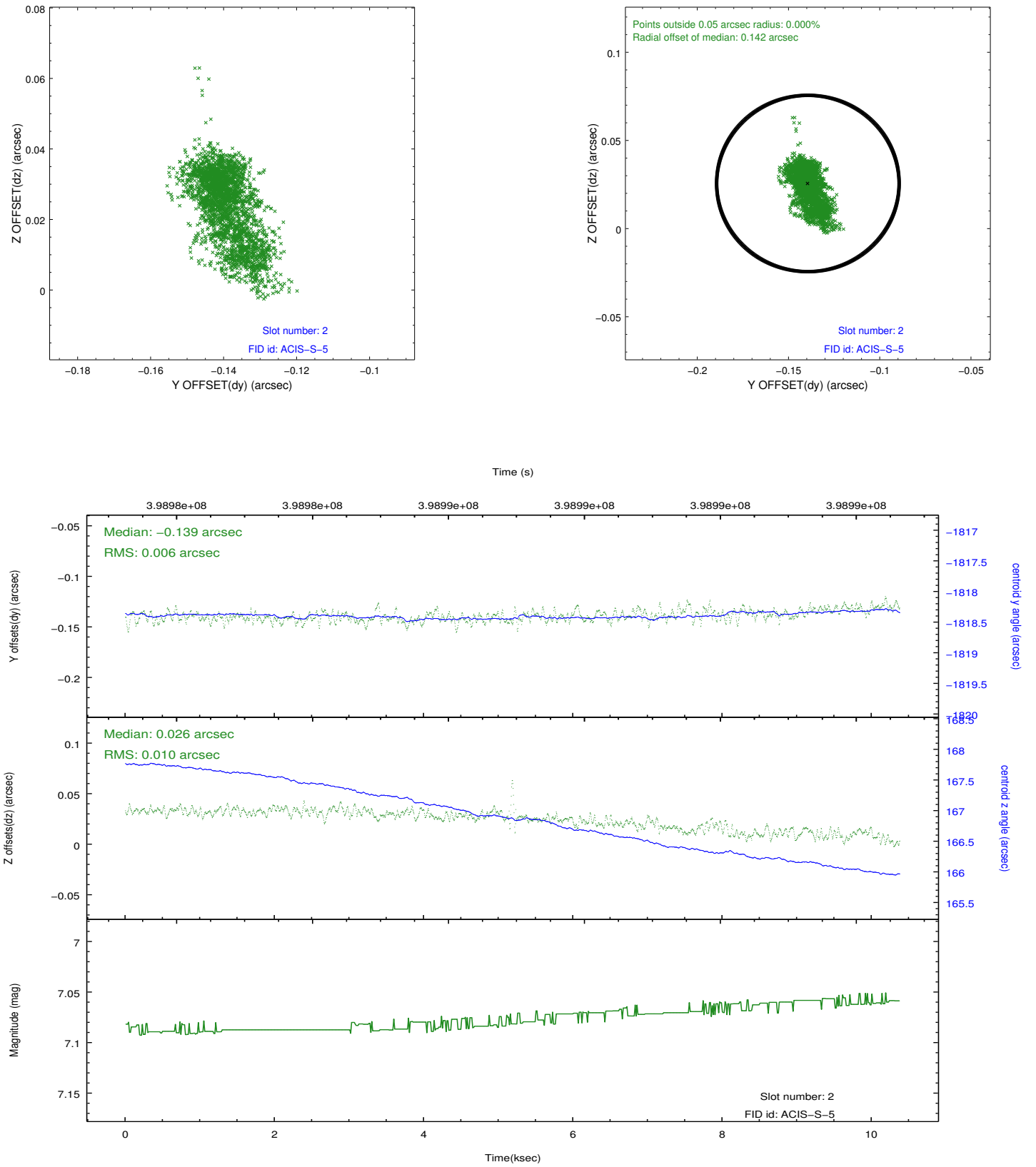
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.338

A.2 Comments

Joint Proposal: HST