

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4916 - L2 Version 3
Chandra X-Ray Center

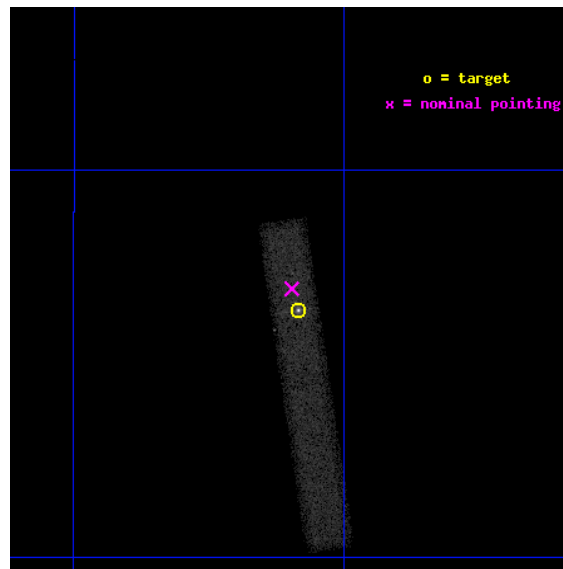
L2 Processing Date : Nov 10 2012

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1 Front

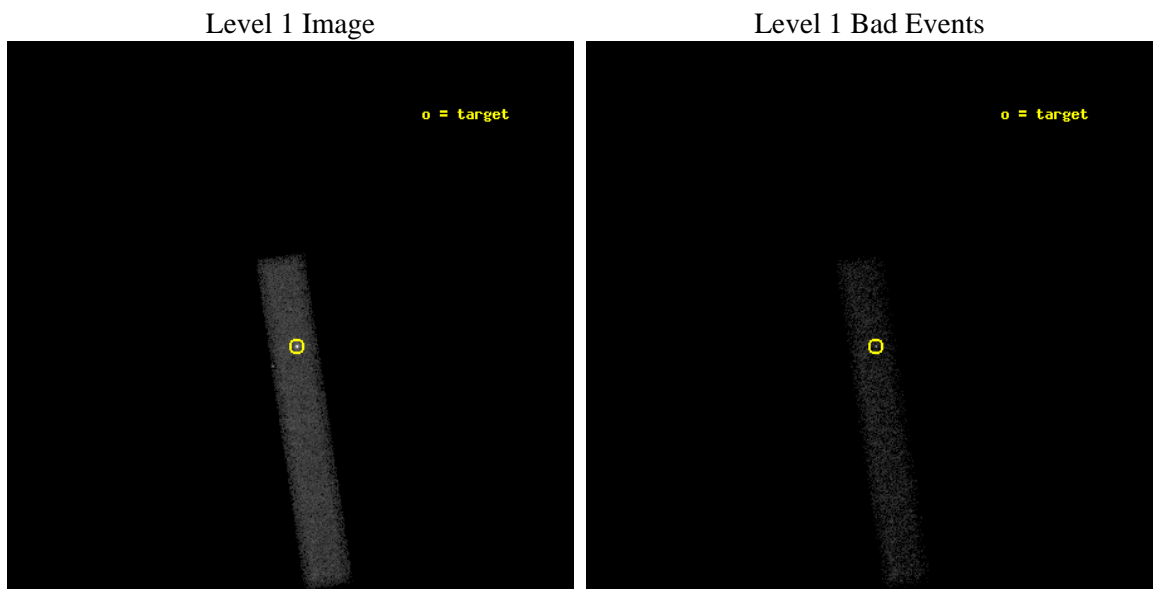
seq_num	700997	Sequence number
obs_id	4916	Observation id
title	The Structure and Physics of Extragalactic Jets	Proposal title
observer	Prof. Eric Perlman	Principal investigator
object	3C264	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	176.270833	Observer's specified target RA [deg]
dec_targ	19.606389	Observer's specified target Dec [deg]
ra_nom	176.2740958597	Nominal RA [deg]
dec_nom	19.615551866321	Nominal Dec [deg]
roll_nom	81.490790451283	Nominal Roll [deg]
revision	3	Processing version of data
ontime	38325.20057106	Sum of GTIs [s]
liveltime	34758.933947996	Livetime [s]
ontime7	38325.20057106	Sum of GTIs [s]
l2events	35209	Number of level 2 events



2 OBI

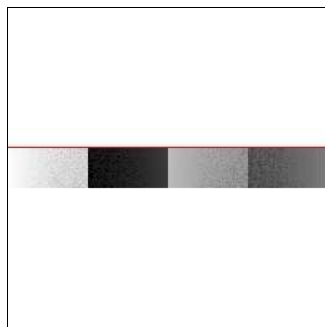
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	38039.108000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	38325.20057106	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	38325.20057106	Sum of GTIs [s]
date	2012-11-10T22:40:38	Date and time of file creation	l1events	58713	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

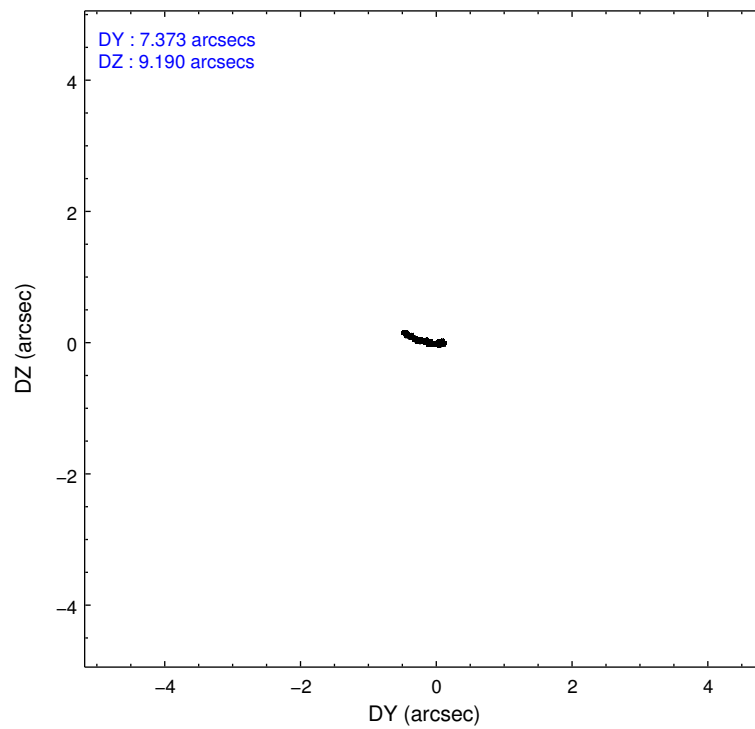
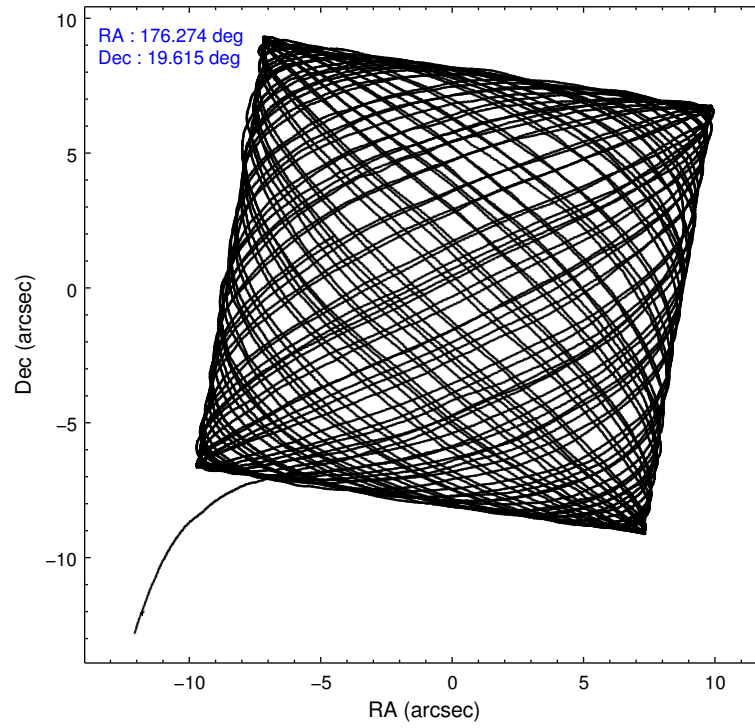
	ccd 7
level 1 events	58713
rejected events	22547
rejected %	38%

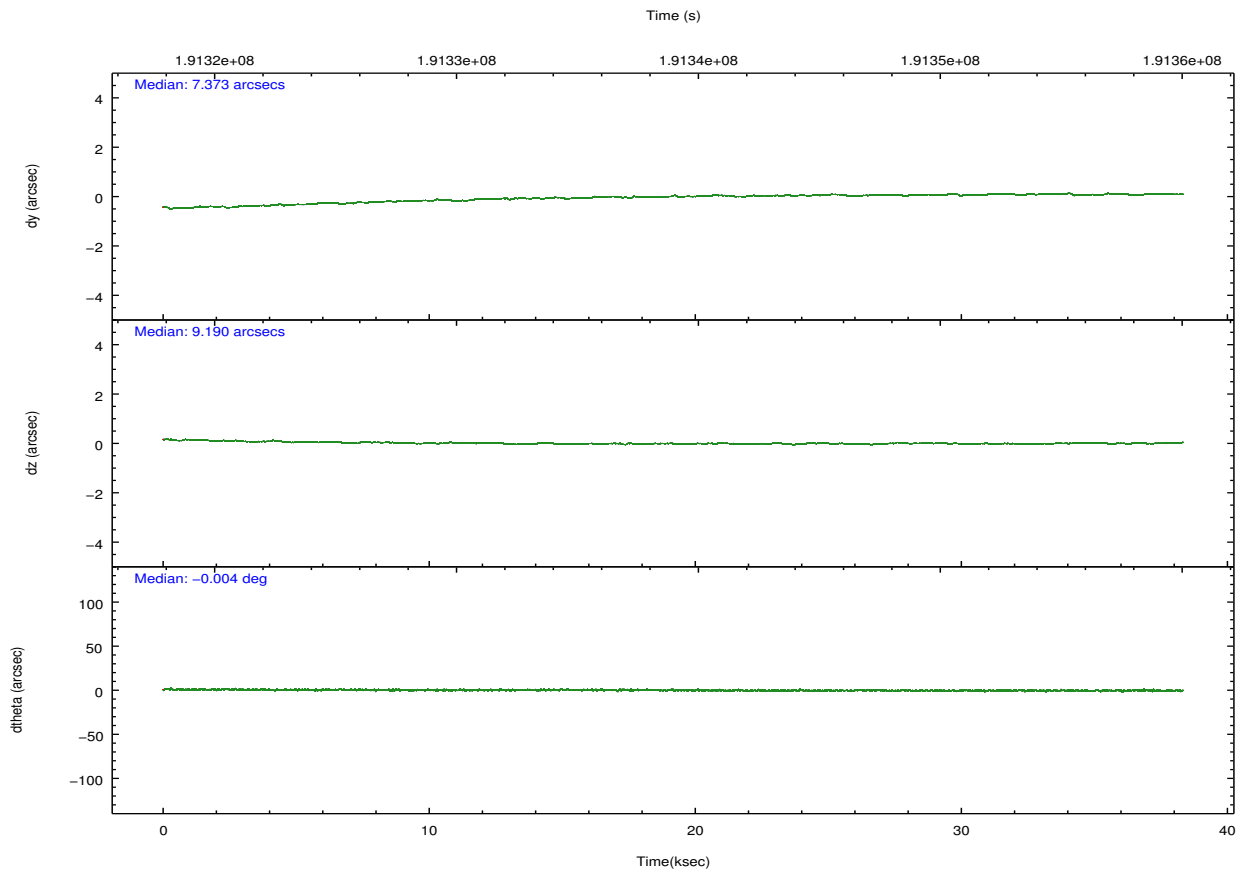
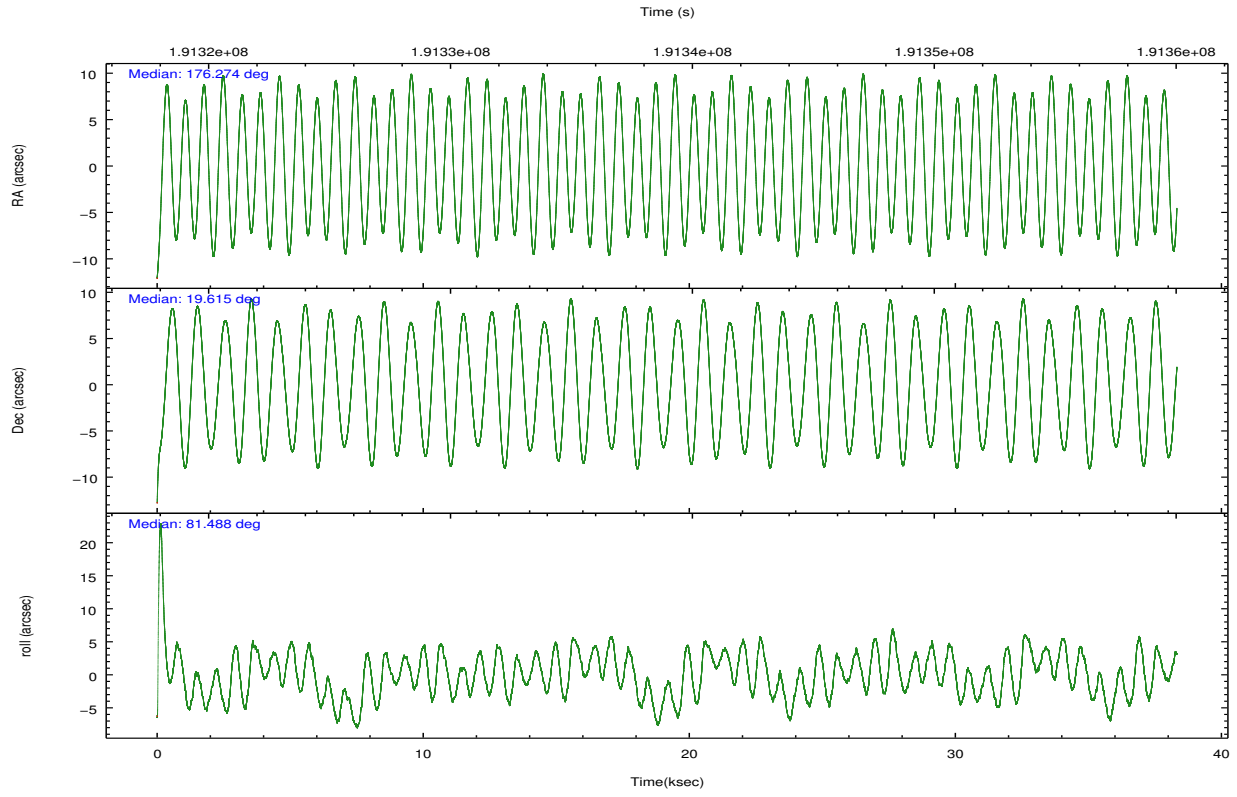
	ccd 7
grade 0 events	8471
	14%
grade 1 events	101
	0%
grade 2 events	7883
	13%
grade 3 events	4474
	7%
grade 4 events	4379
	7%
grade 5 events	4028
	6%
grade 6 events	11309
	19%
grade 7 events	18068
	30%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	176.285057	176.2740958596981	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	19.590356	19.61555186632138	Subarray start row	449	449
[deg] Pointing Roll	81.330494	81.49079045128332	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	191320080.184000	191319064.71081			
Observation start date	2004-01-24T08:26:56	2004-01-24T08:11:04			
[s] Observation end time (MET)	191358119.184000	191359903.27509			
Observation end date	2004-01-24T19:00:55	2004-01-24T19:31:43			
Read mode	TIMED	TIMED			

2.3 Aspect



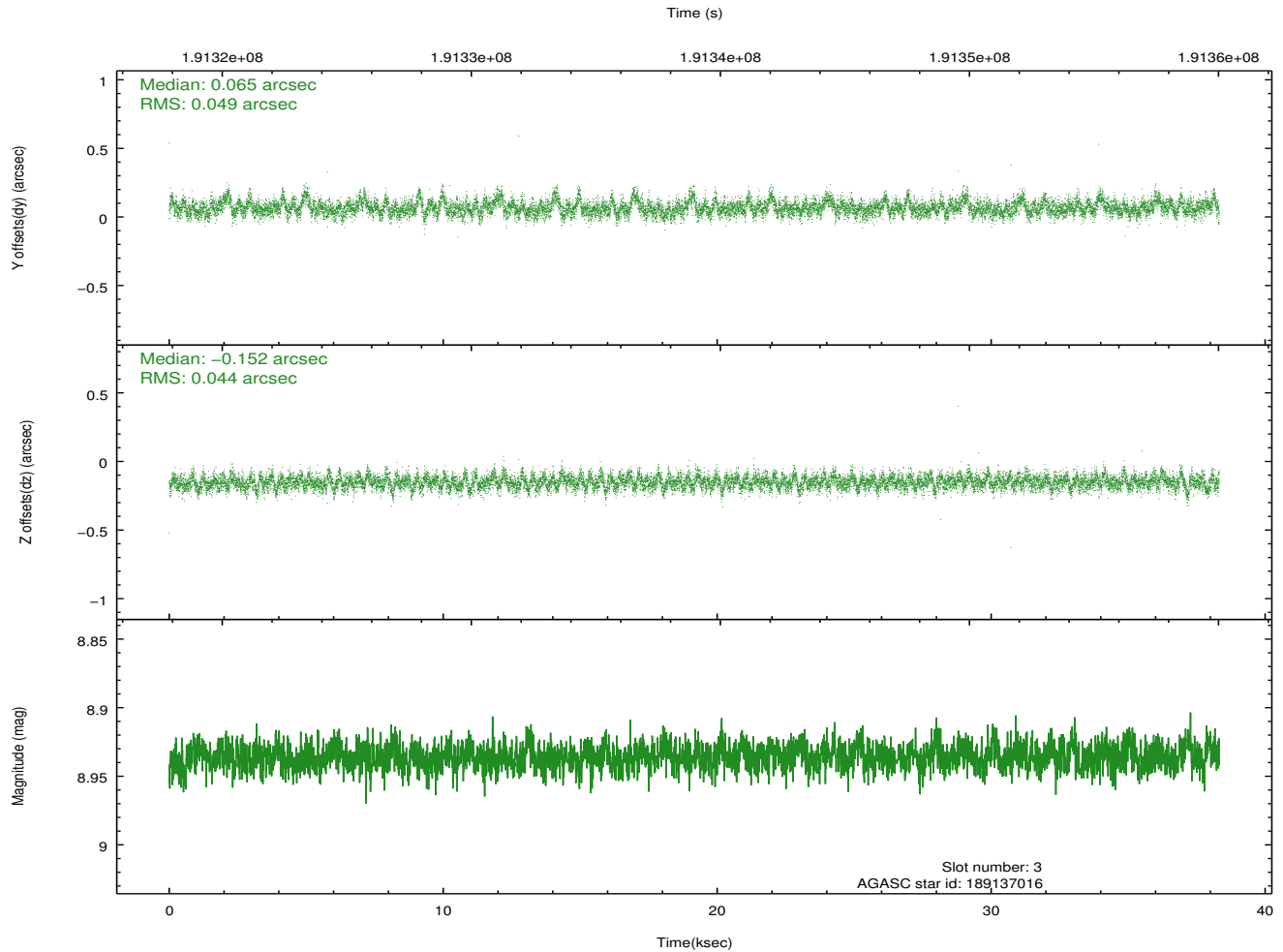
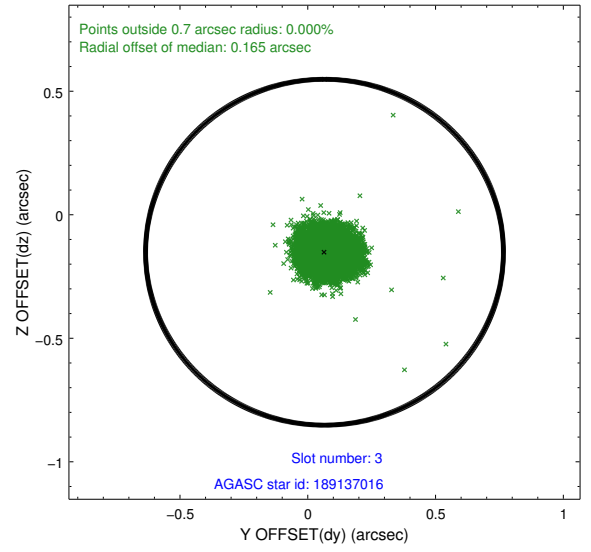
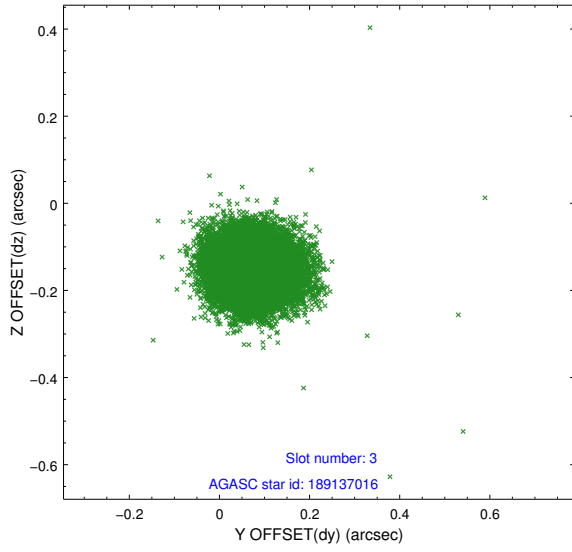


Slot Statistics

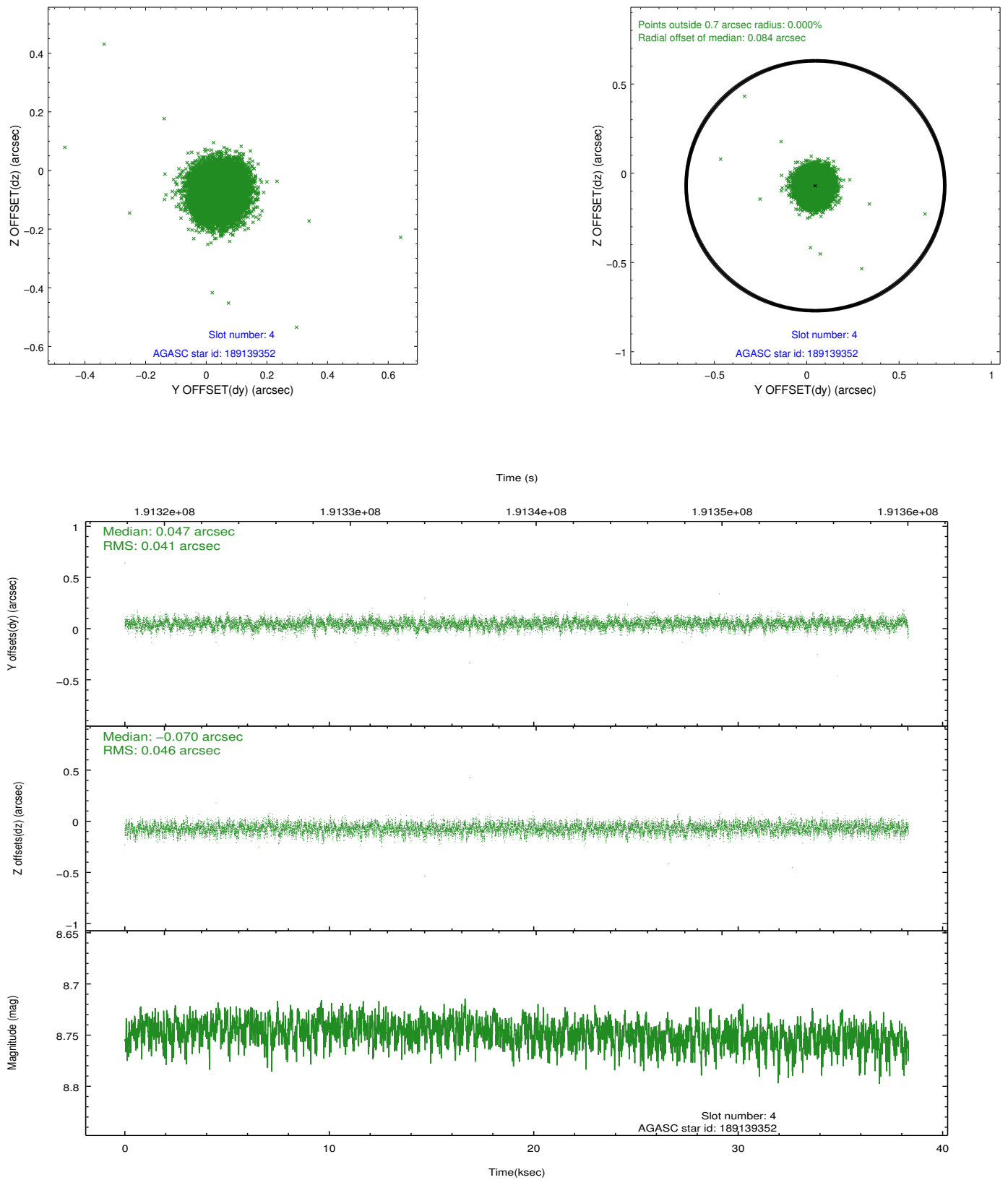
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9348	0.007	-0.024	0.008	0.012	0.000000	0.000000	-760.05	-1730.40
1	FID	ACIS-S-5	7.24	9348	-0.040	0.027	0.009	0.015	0.000000	0.000000	-1813.23	171.59
2	FID	ACIS-S-6	7.35	9347	0.008	0.005	0.006	0.011	0.000000	0.000000	401.53	815.51
3	GUIDE	189137016	8.94	18692	0.065	-0.152	0.070	0.113	176.017714	19.173647	-1618.92	672.70
4	GUIDE	189139352	8.75	18693	0.047	-0.070	0.065	0.105	176.255936	19.500124	-335.66	48.96
5	GUIDE	189141640	10.11	18676	0.020	0.137	0.134	0.223	176.773230	19.061725	-1628.17	-1928.31
6	GUIDE	189152088	8.51	18692	0.019	-0.009	0.088	0.137	176.796455	19.306289	-746.09	-1871.17
7	GUIDE	189138768	9.66	18628	-0.151	0.094	0.106	0.176	176.878887	20.051086	1946.14	-1734.44

2.4 Star Slots

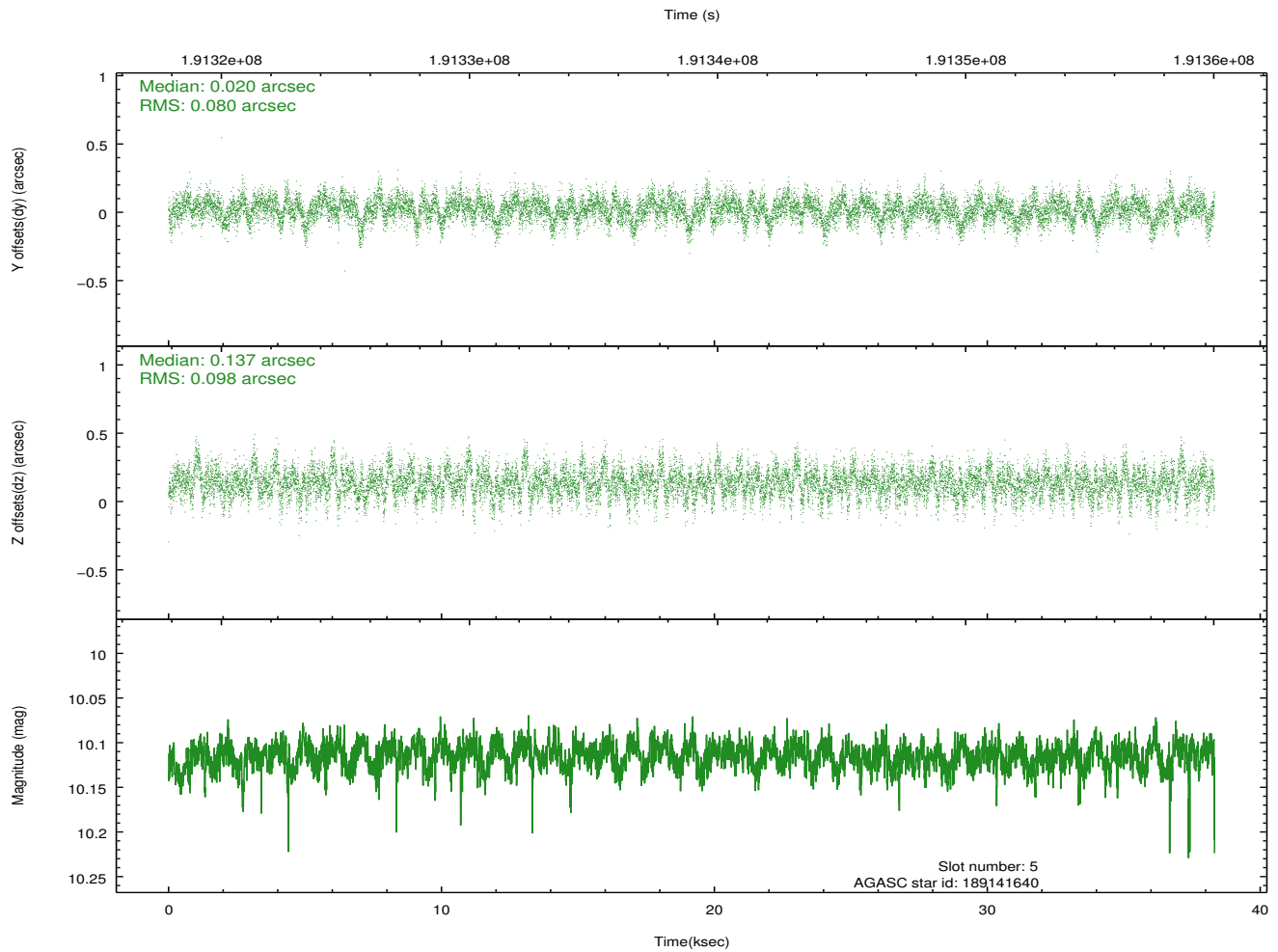
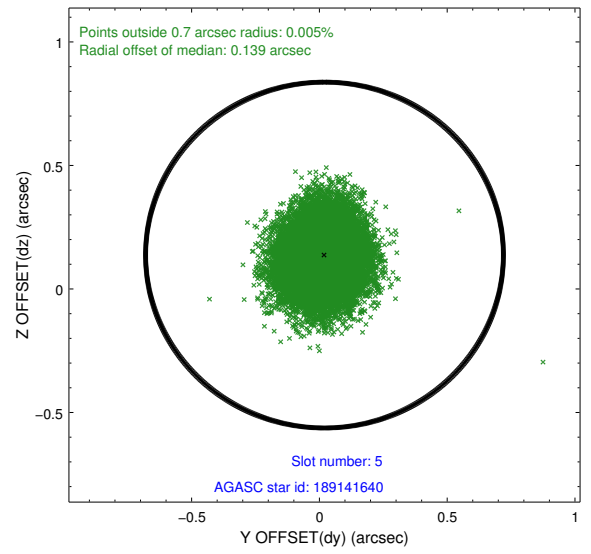
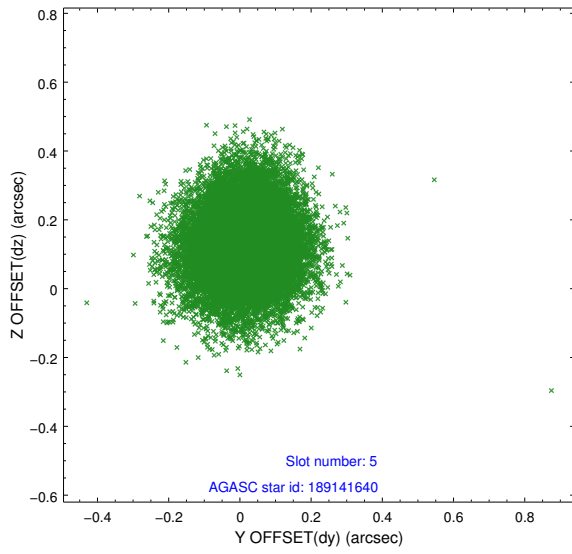
2.4.1 Slot 3



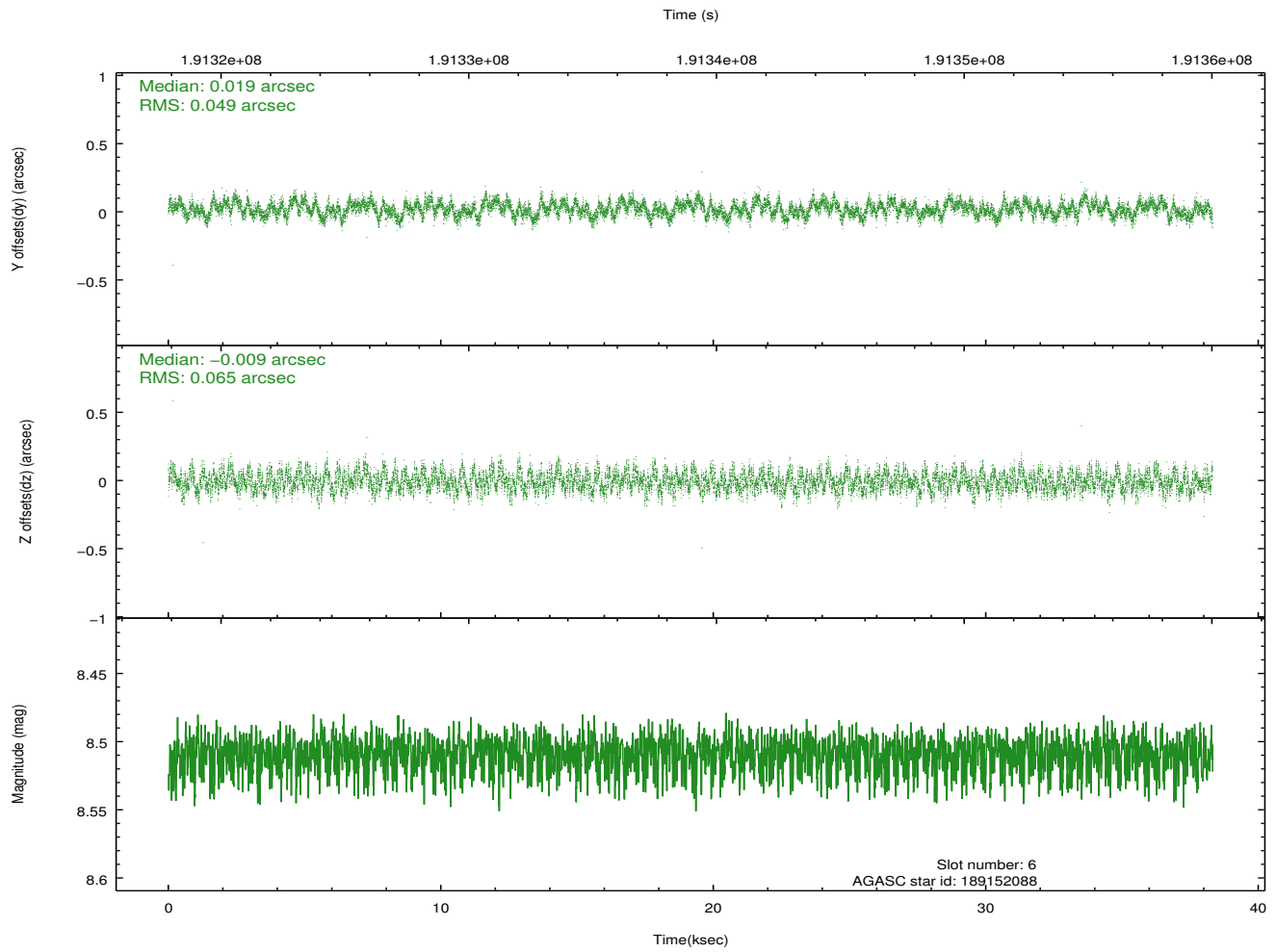
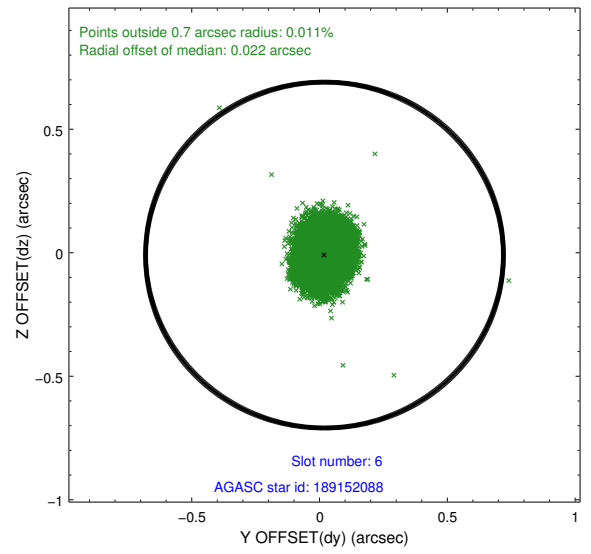
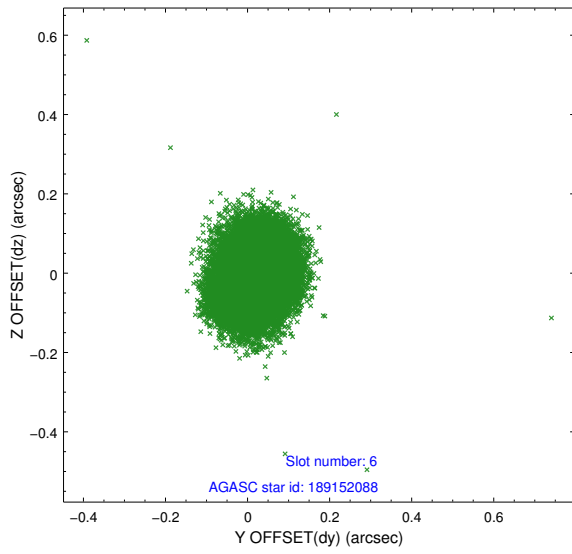
2.4.2 Slot 4



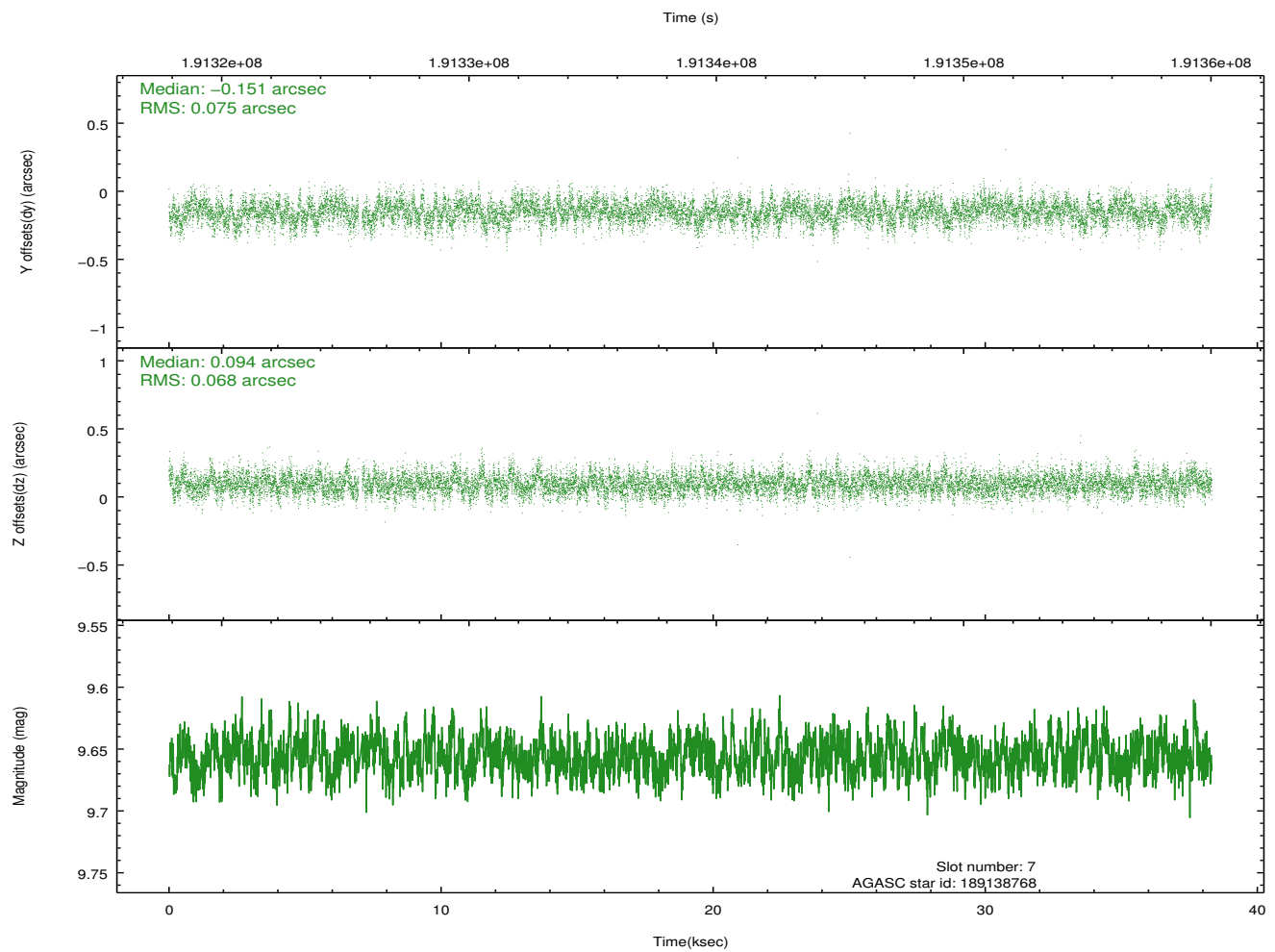
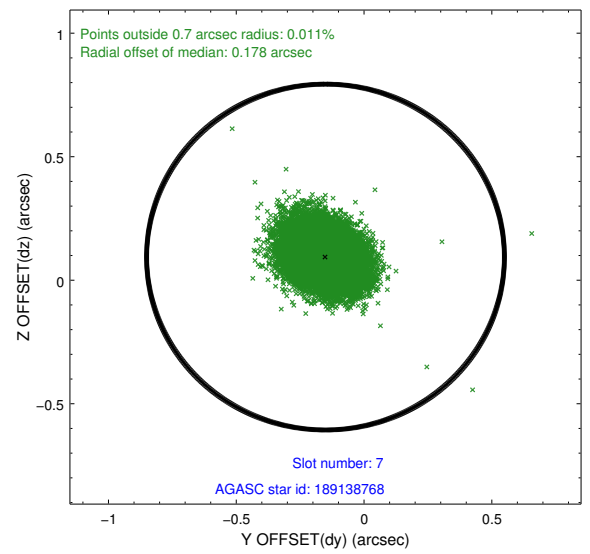
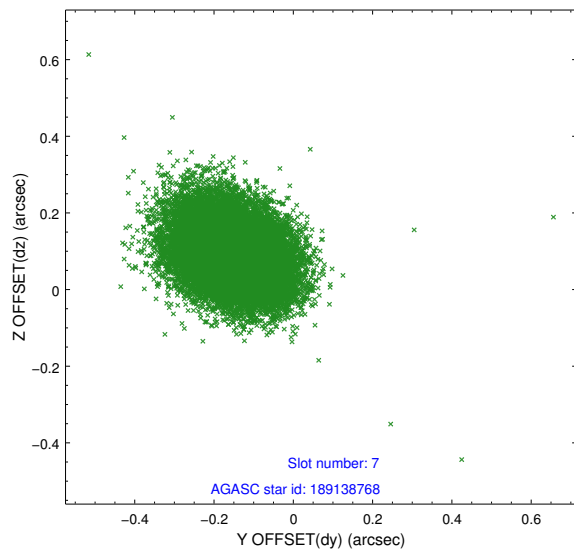
2.4.3 Slot 5



2.4.4 Slot 6

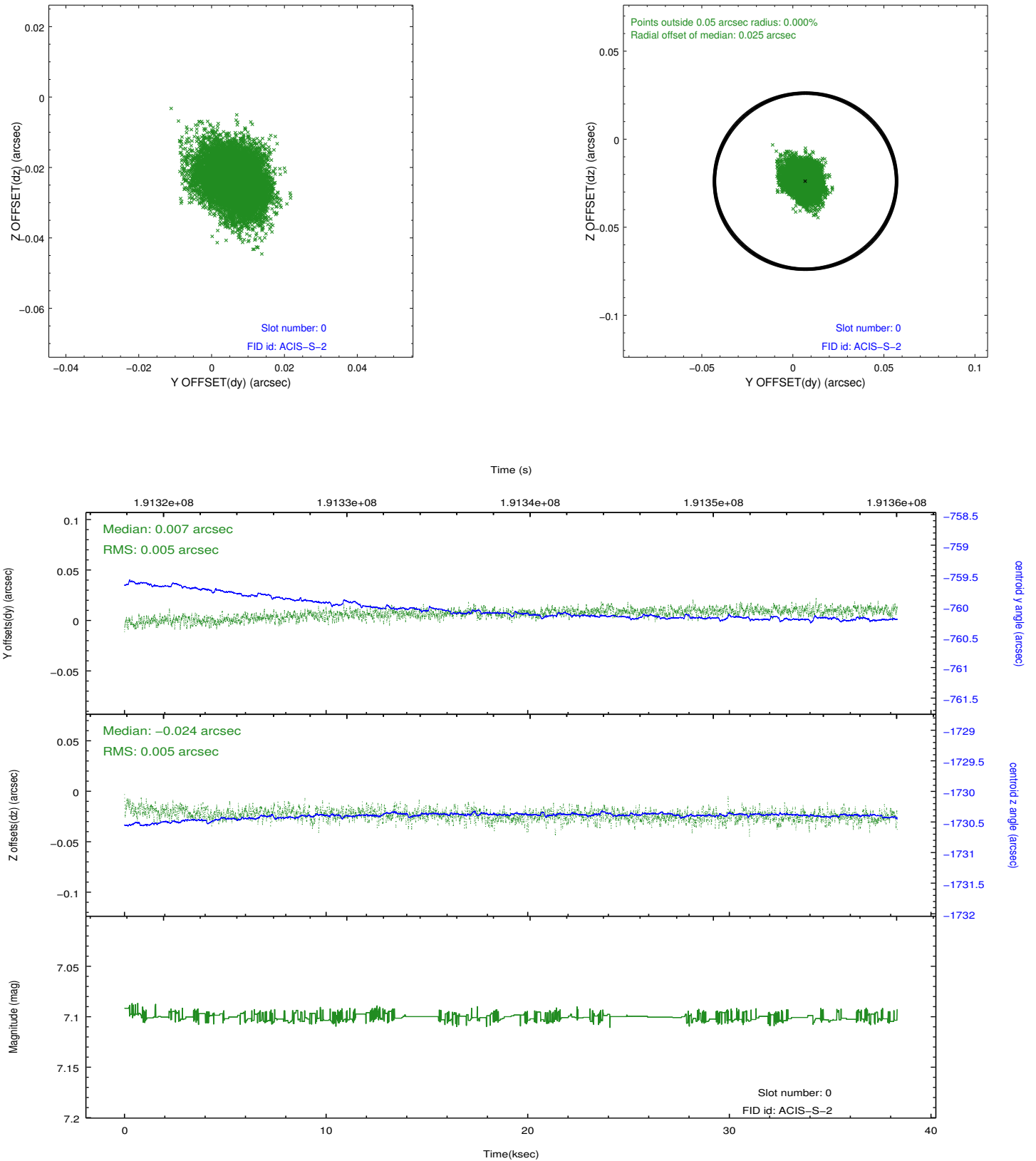


2.4.5 Slot 7

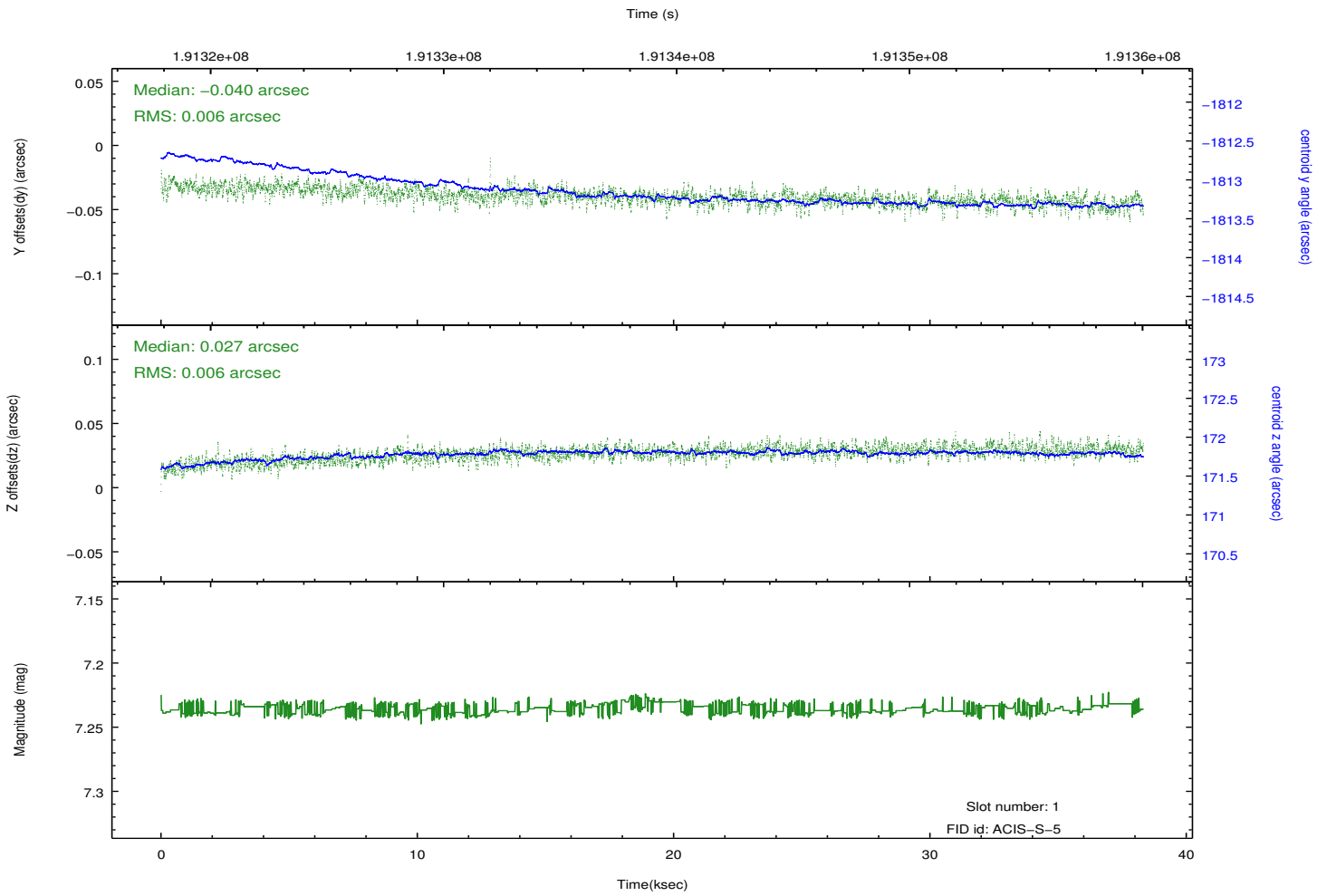
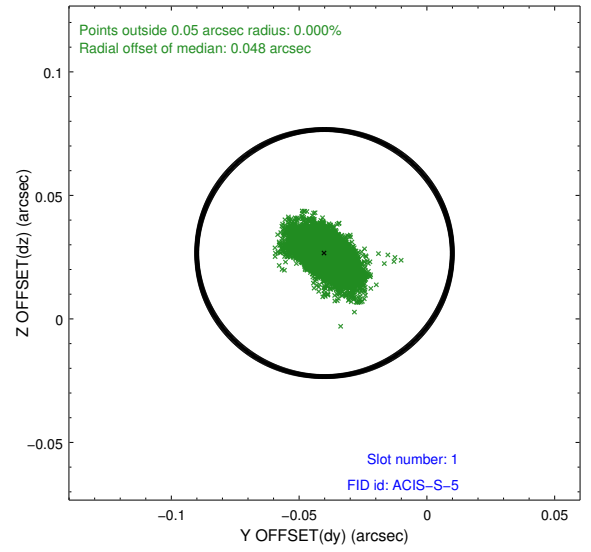
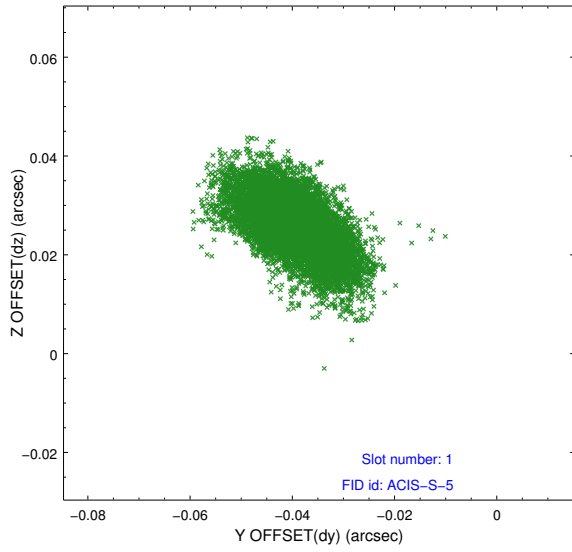


2.5 FID Slots

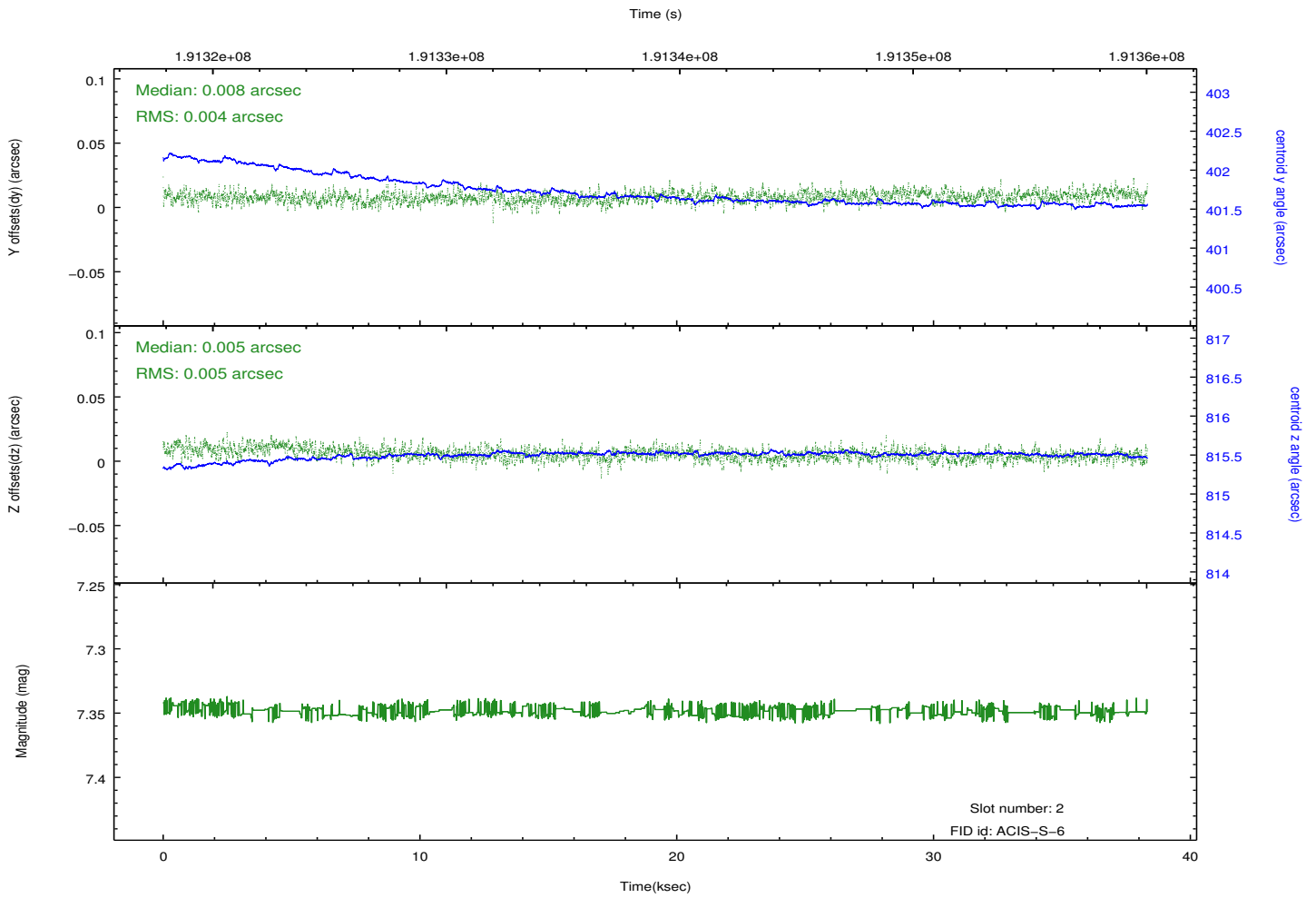
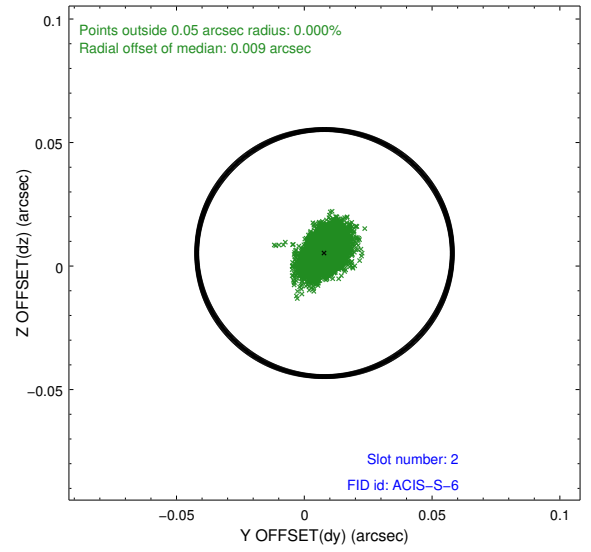
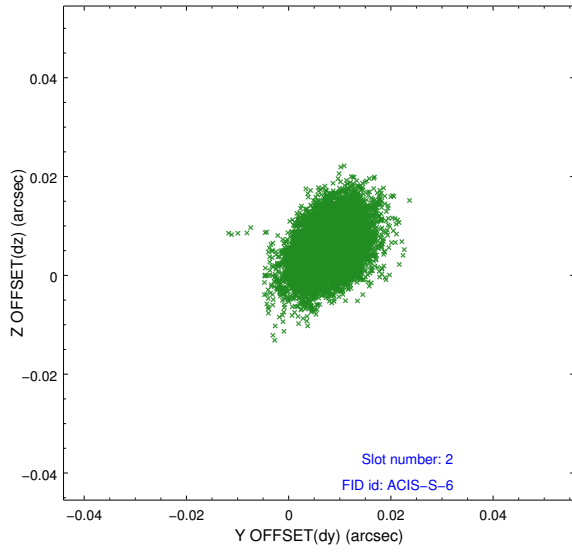
2.5.1 Slot 0



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)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.325

A.2 Comments

Joint Proposal: CX0-HST. Roll preference met.