

# V&V Reference Report

## L2 ASCDS Version : 10.4.2.1

Observation 18195 - L2 Version 1  
Chandra X-Ray Center

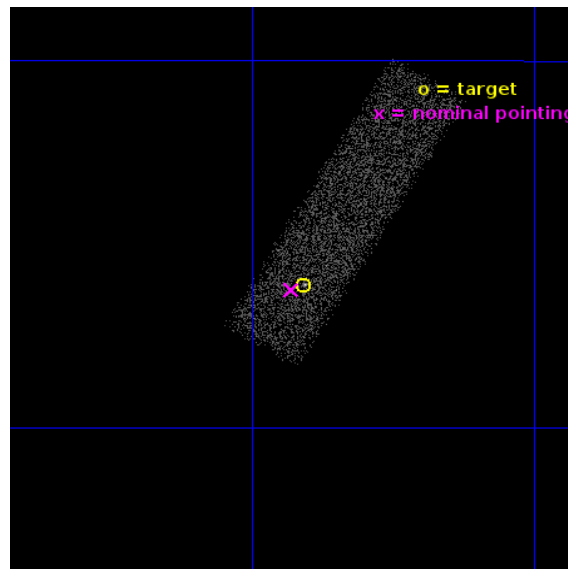
L2 Processing Date : Oct 31 2015

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# 1 Front

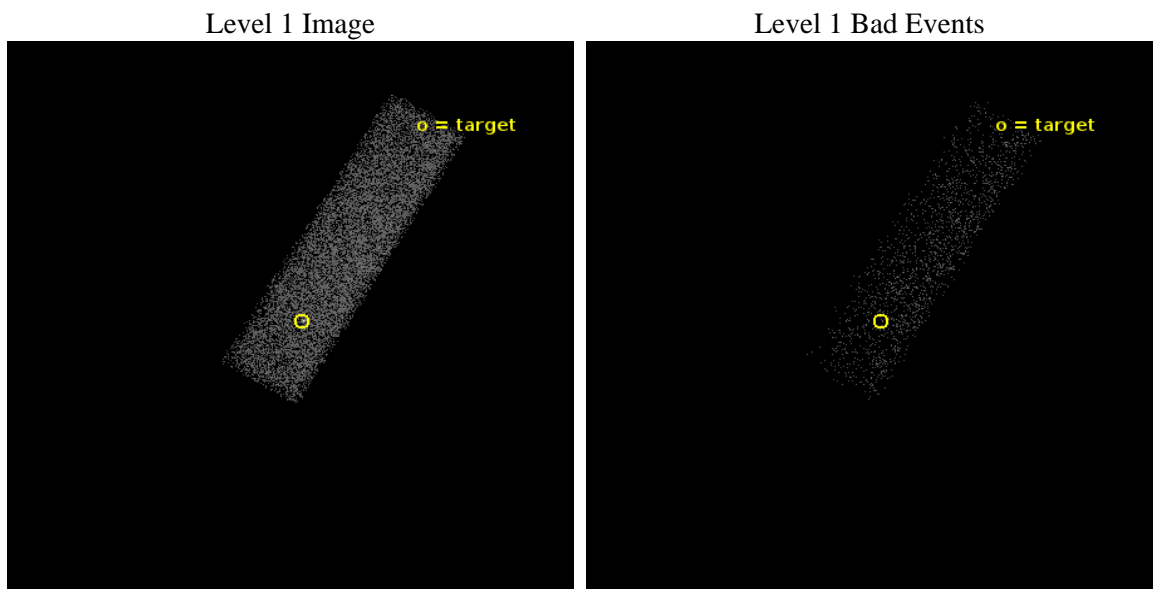
seq_num	703257	Sequence number
obs_id	18195	Observation id
title	Pre-selecting Dual AGN Candidates using WISE: A Chandra Follow-up Study	Proposal title
observer	Dr. Shobita Satyapal	Principal investigator
object	SDSS J235654.49-101607.4	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	359.227083	Observer's specified target RA [deg]
dec_targ	-10.268722	Observer's specified target Dec [deg]
ra_nom	359.23231553794	Nominal RA [deg]
dec_nom	-10.270570426081	Nominal Dec [deg]
roll_nom	301.15756371076	Nominal Roll [deg]
revision	1	Processing version of data
ontime	9061.2956442833	Sum of GTIs [s]
livetime	8619.1340666635	Livetime [s]
ontime7	9061.2956442833	Sum of GTIs [s]
l2events	8625	Number of level 2 events



## 2 OBI

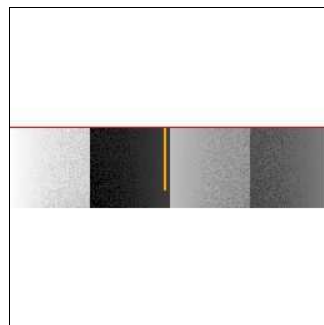
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.2.1	Processing system revision	ontime	9061.2956442833	Sum of GTIs [s]
caldsver	4.6.10a	&#160	ontime7	9061.2956442833	Sum of GTIs [s]
date	2015-10-31T12:31:25	Date and time of file creation	l1events	18015	Number of level 1 events
revision	1	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	18015
rejected events	9074
rejected %	50%

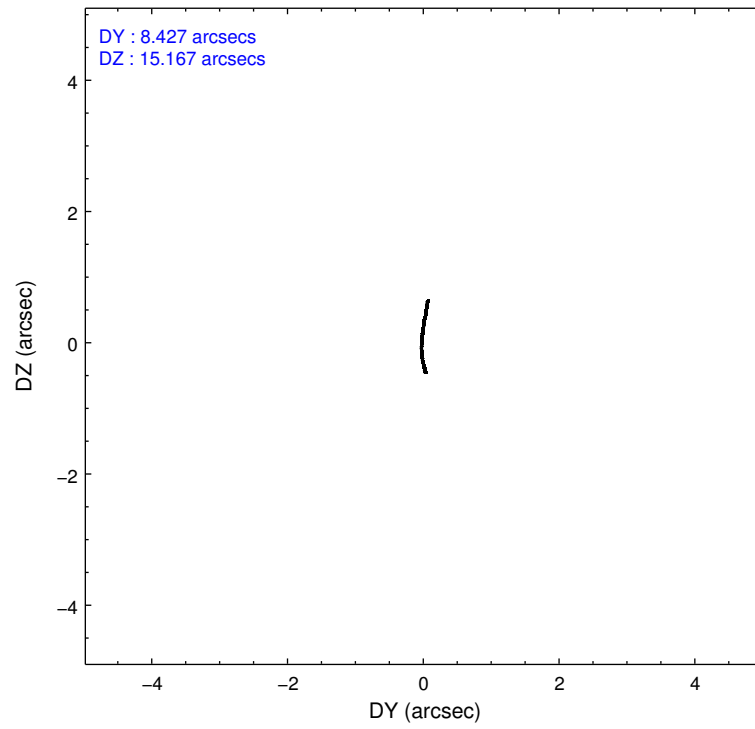
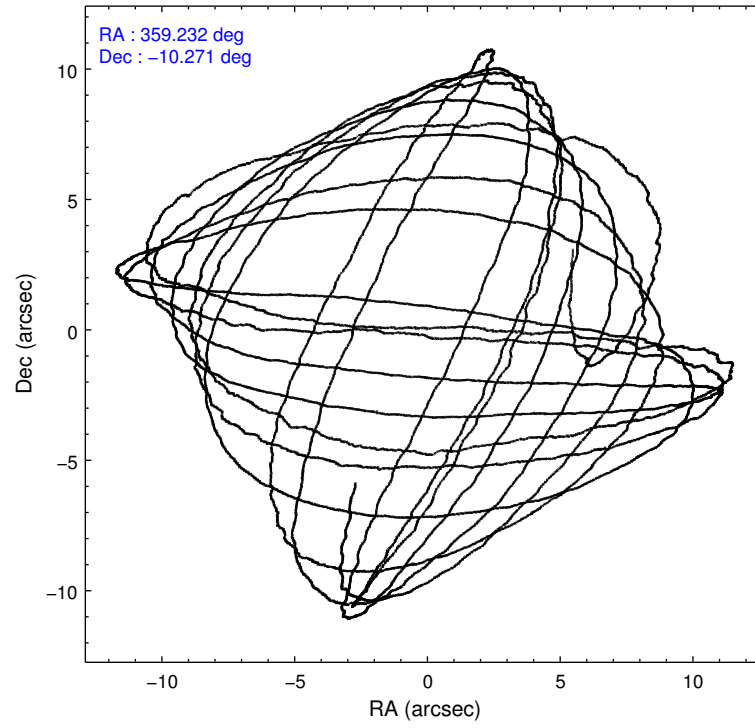
	<b>ccd 7</b>
grade 0 events	988
	5%
grade 1 events	19
	0%
grade 2 events	1860
	10%
grade 3 events	1011
	5%
grade 4 events	920
	5%
grade 5 events	1812
	10%
grade 6 events	4162
	23%
grade 7 events	7243
	40%

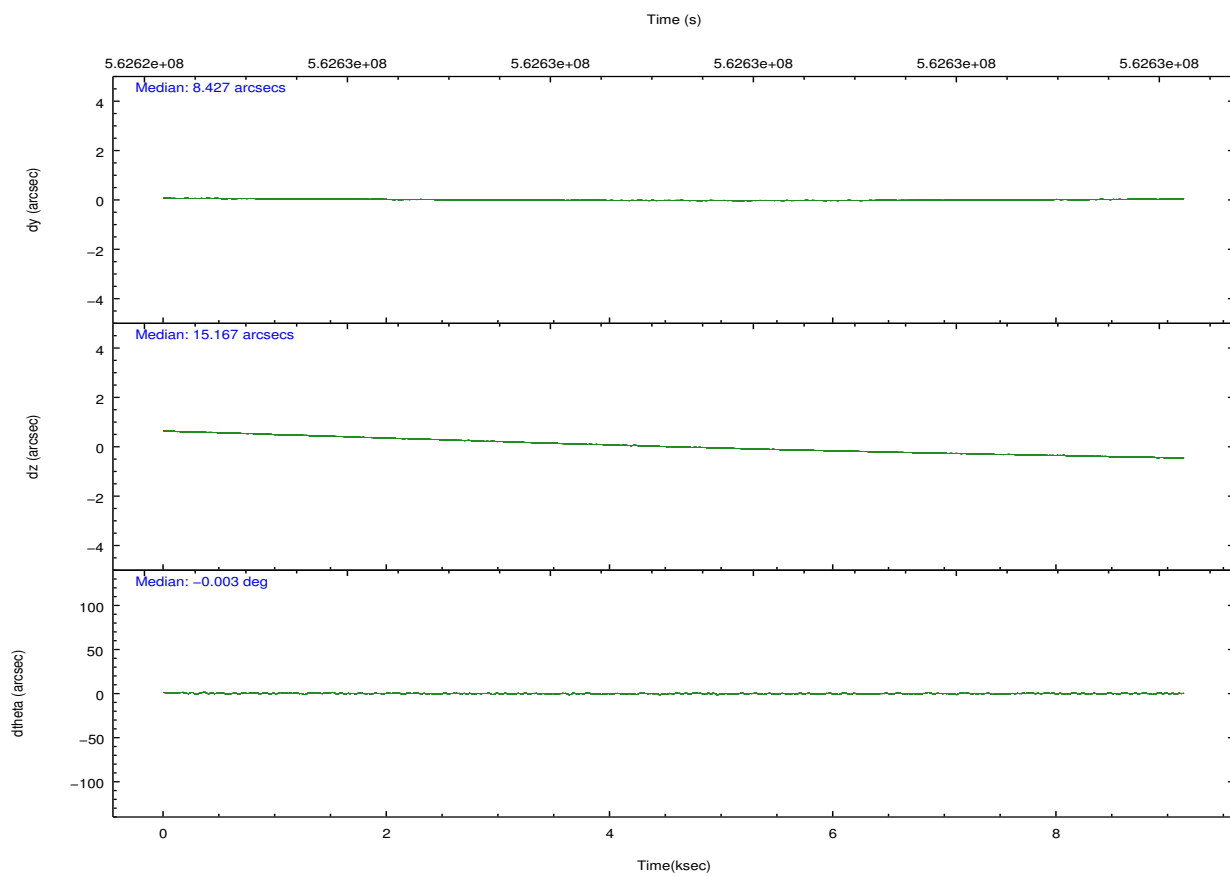
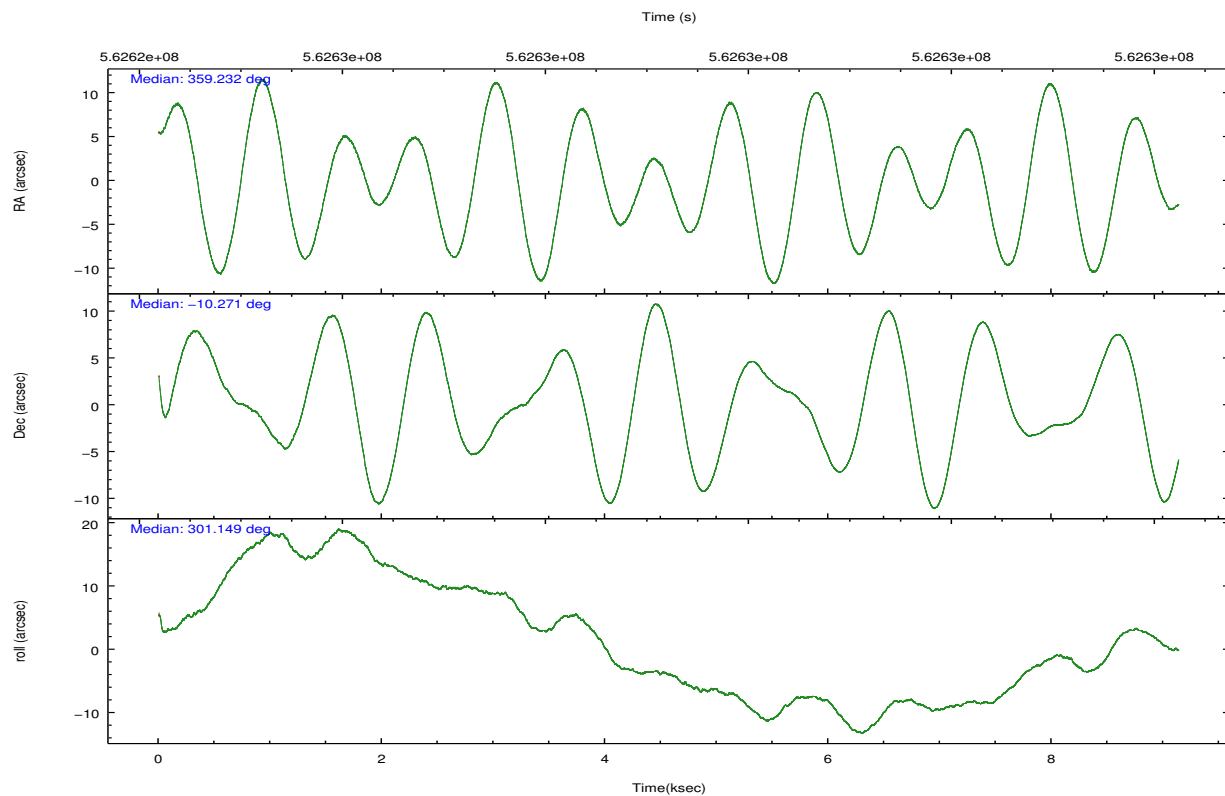


## 2.2 Compared Parameters

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	359.207675	359.232315537938	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-10.257651	-10.27057042608091	Subarray start row	385	385
[deg] Pointing Roll	300.996543	301.1575637107641	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	562624785.184000	562623604.76057			
Observation start date	2015-10-30T20:38:37	2015-10-30T20:20:04			
[s] Observation end time (MET)	562633785.184000	562634701.41119			
Observation end date	2015-10-30T23:08:37	2015-10-30T23:25:01			
Read mode	TIMED	TIMED			

## 2.3 Aspect



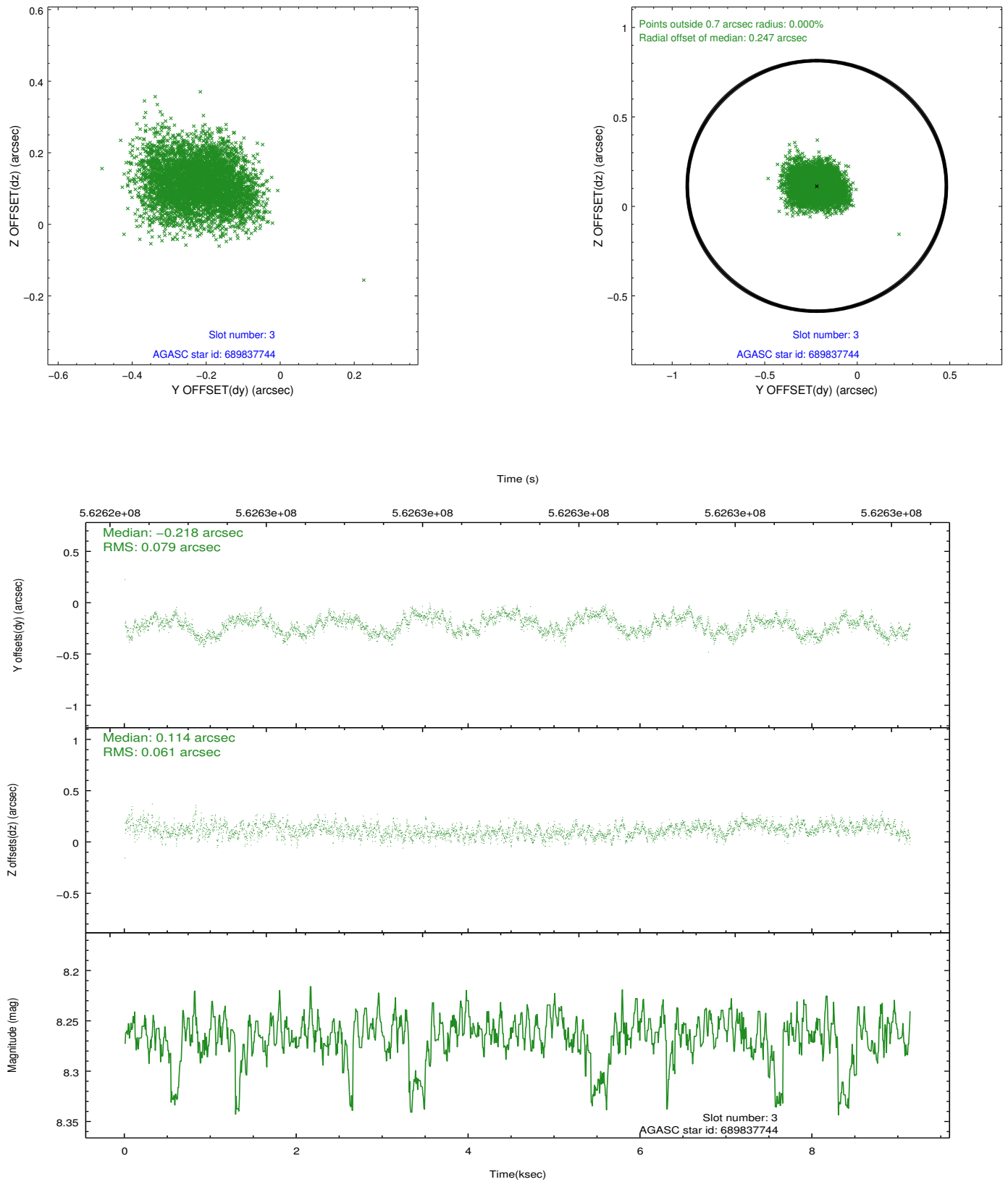


### Slot Statistics

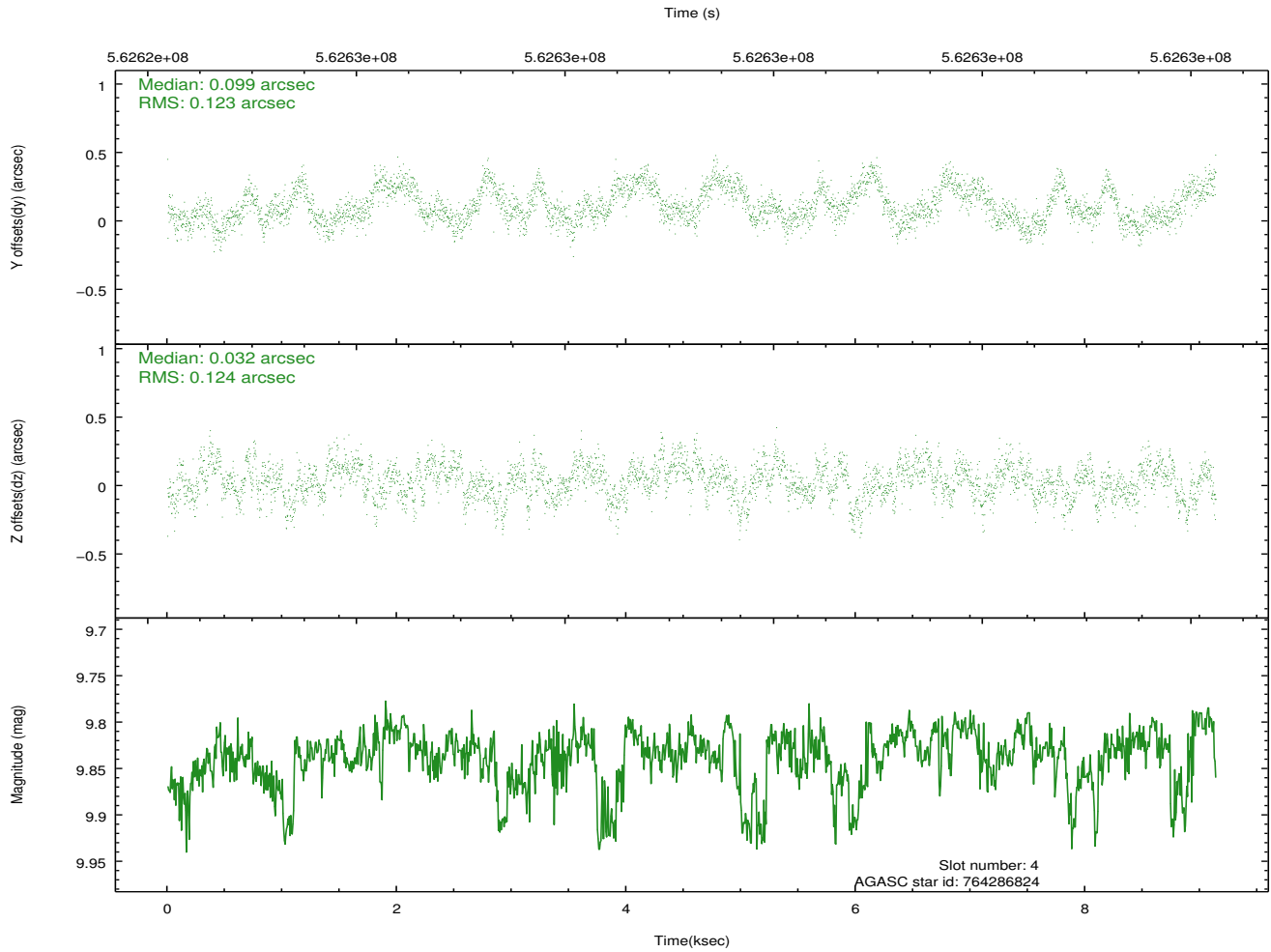
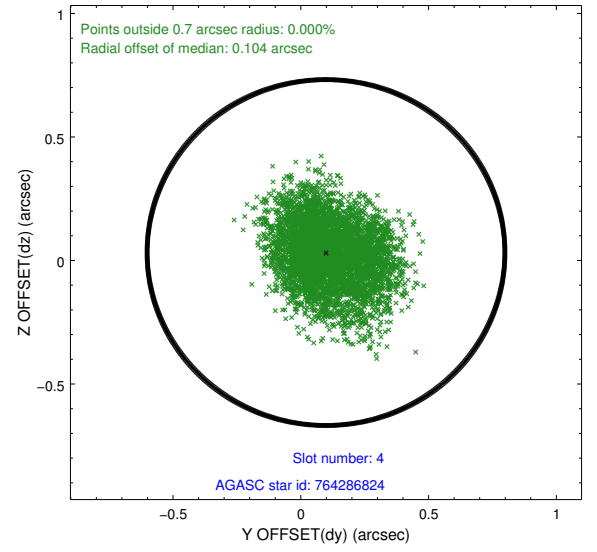
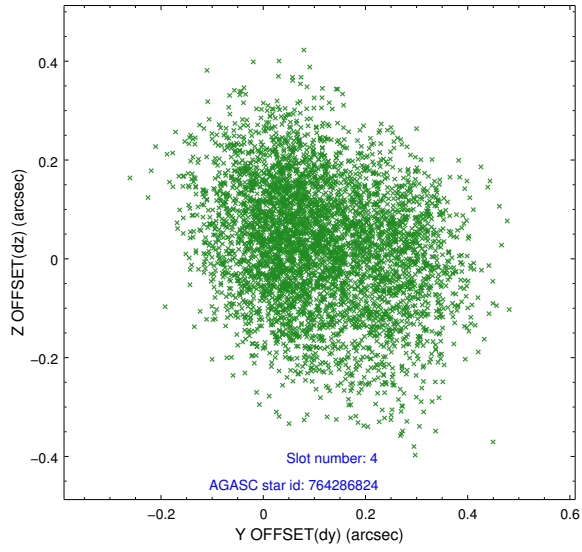
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.12	2229	-0.165	-0.101	0.006	0.011	0.000000	0.000000	-761.41	-1736.63
1	FID		ACIS-S-4	7.22	2228	0.192	0.092	0.008	0.012	0.000000	0.000000	2151.98	171.40
2	FID		ACIS-S-6	7.36	2229	-0.055	0.016	0.007	0.012	0.000000	0.000000	401.48	809.41
3	GUIDE	used	689837744	8.26	4454	-0.218	0.114	0.108	0.165	0.099177	-10.462385	2260.47	2324.16
4	GUIDE	used	764286824	9.84	4455	0.099	0.032	0.191	0.296	359.451985	-9.879010	-721.24	1445.11
5	GUIDE	used	764674064	7.85	4458	-0.187	0.082	0.096	0.153	358.377713	-10.005844	-2289.04	-2057.18
6	GUIDE	used	764681392	9.19	4457	0.169	-0.077	0.150	0.236	359.197800	-10.027499	-728.61	396.13
7	GUIDE	used	764681792	8.35	4457	0.118	-0.150	0.095	0.148	358.985420	-10.865799	1473.09	-1800.63

## 2.4 Star Slots

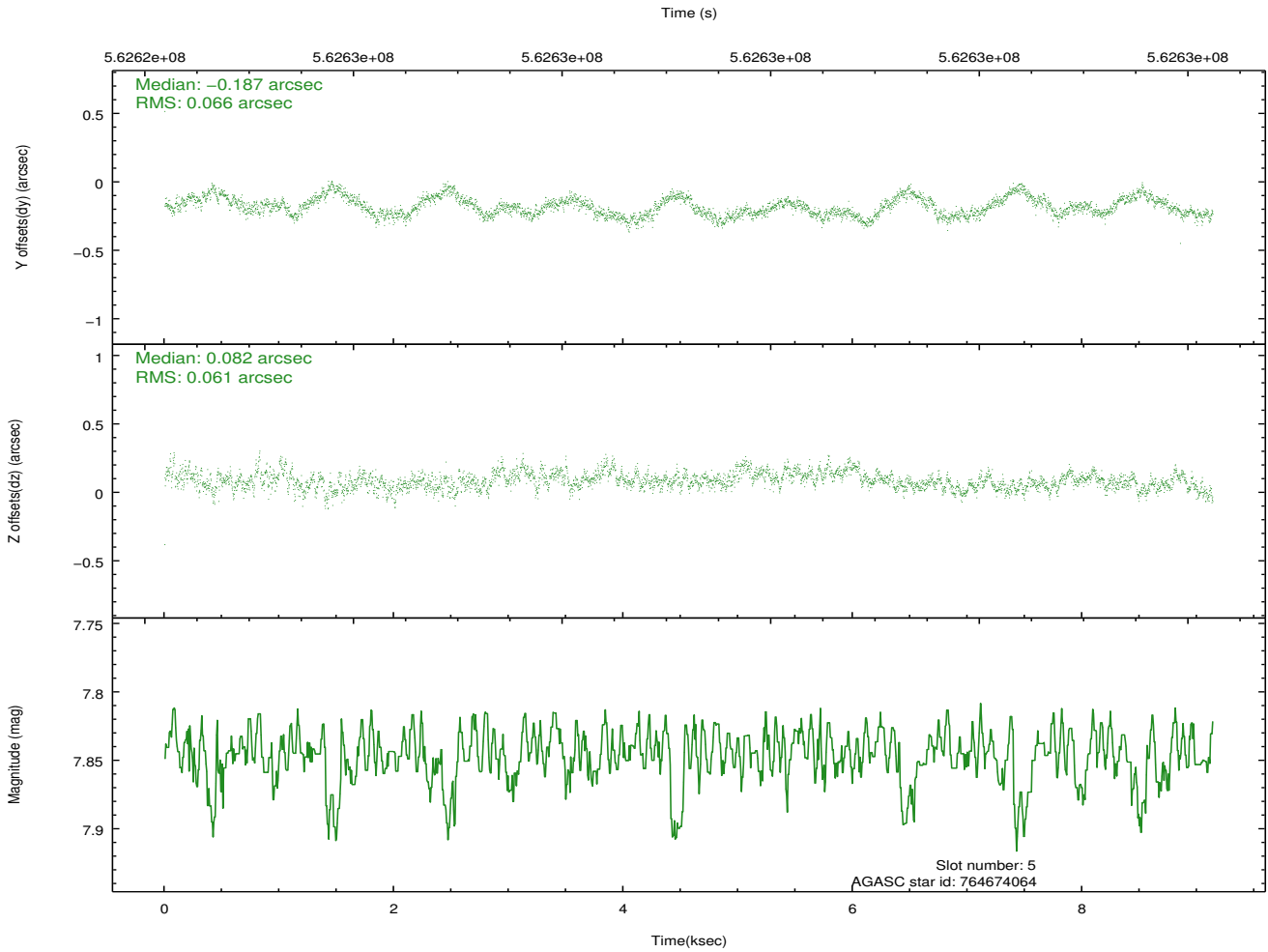
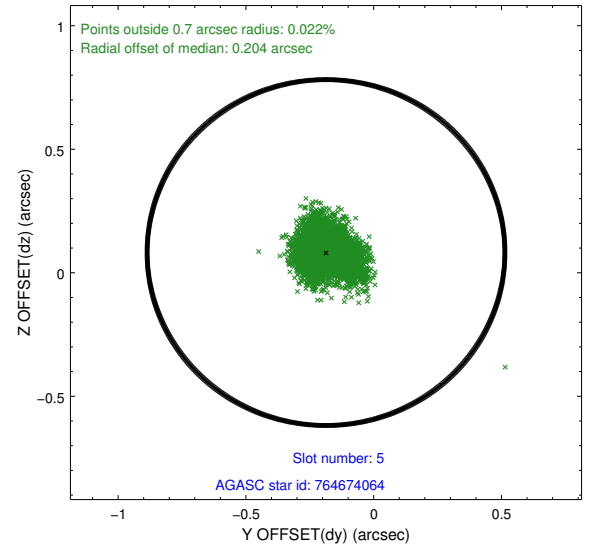
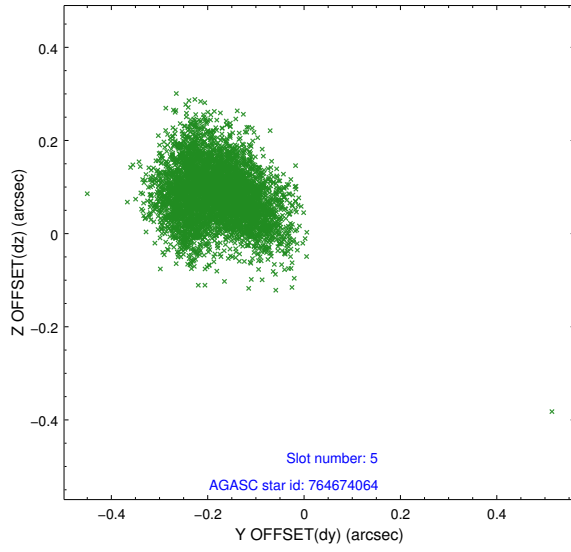
### 2.4.1 Slot 3



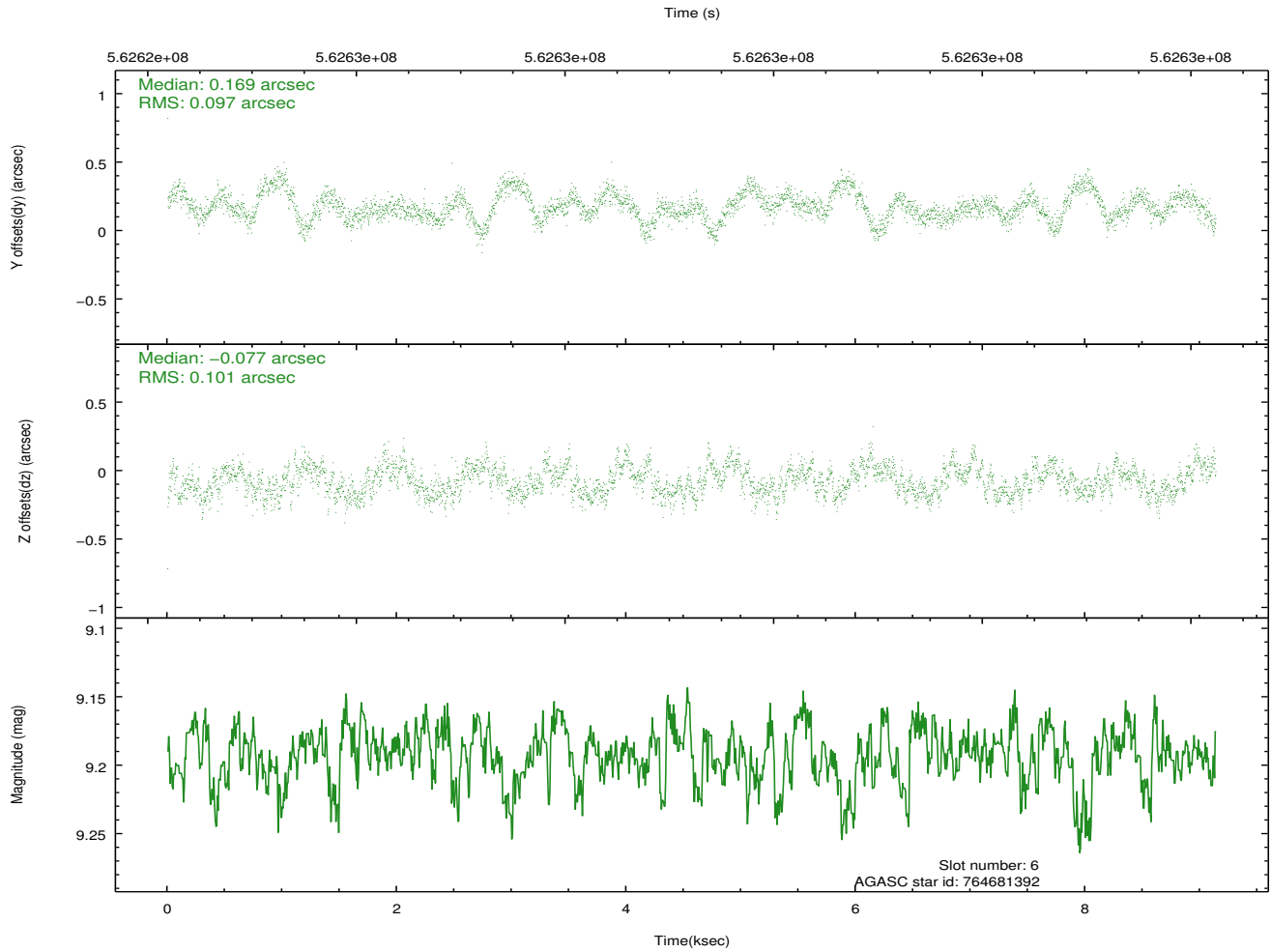
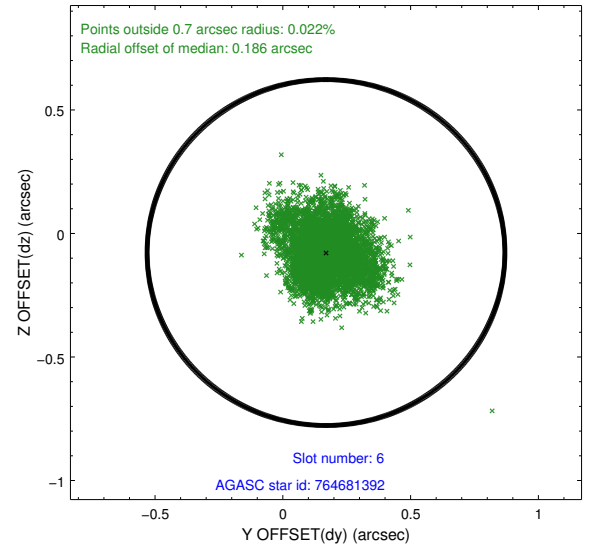
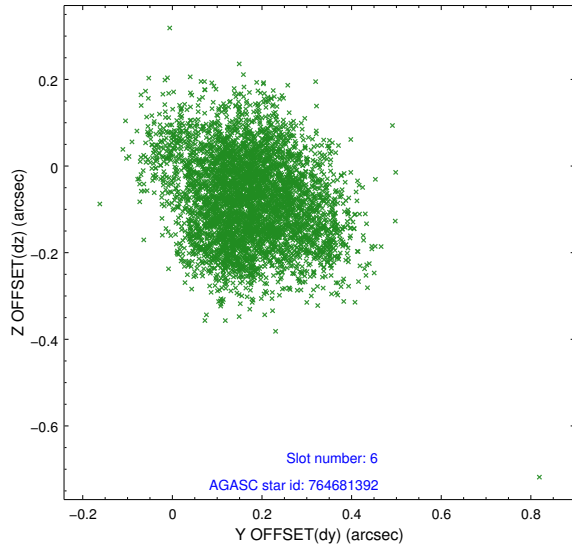
## 2.4.2 Slot 4



### 2.4.3 Slot 5

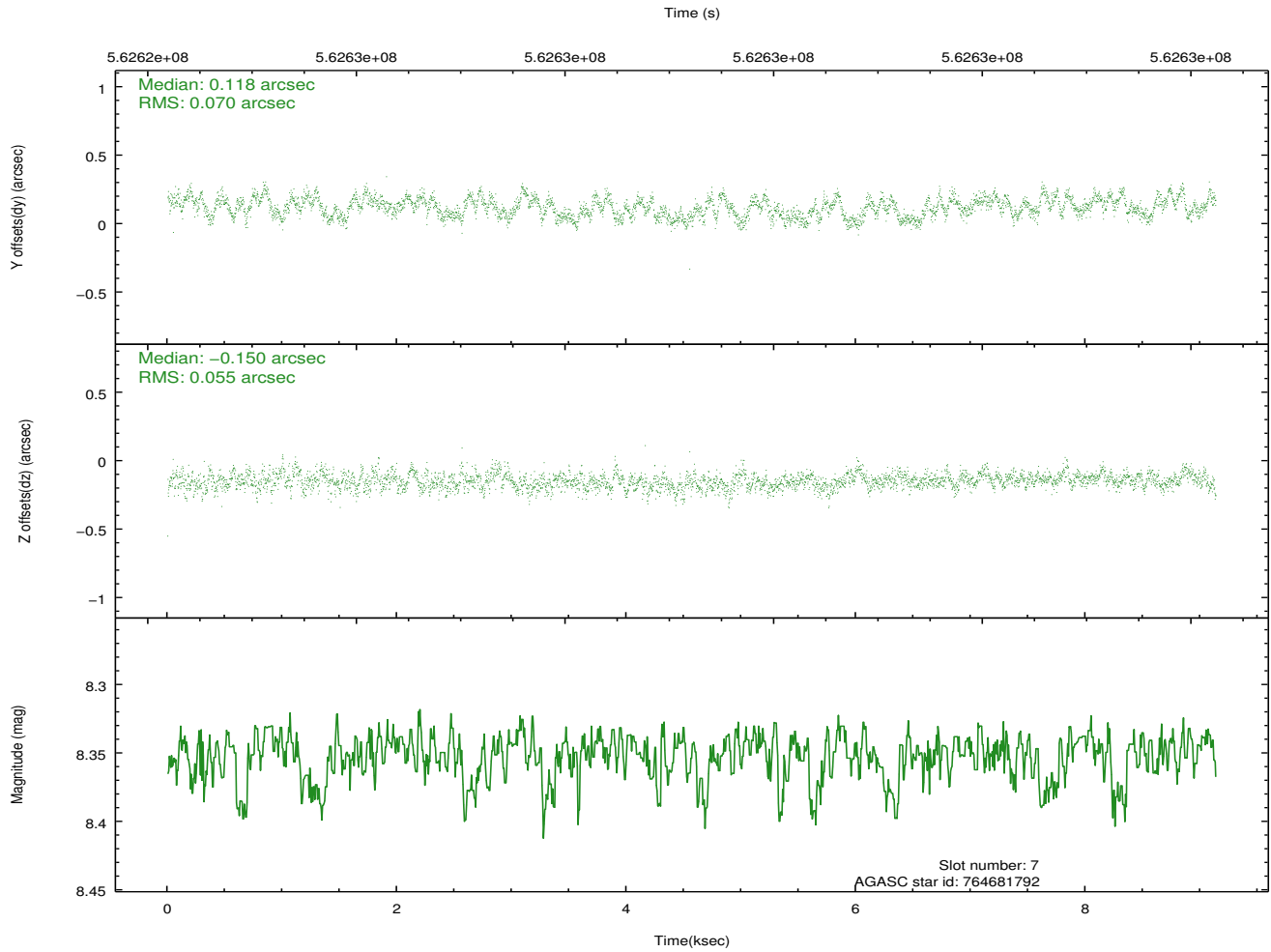
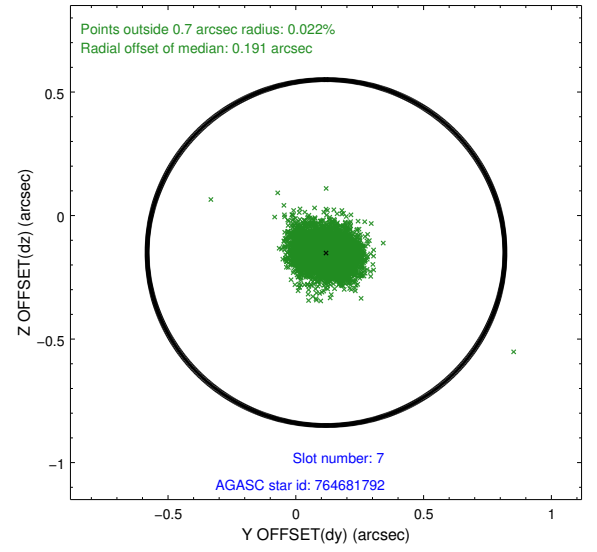
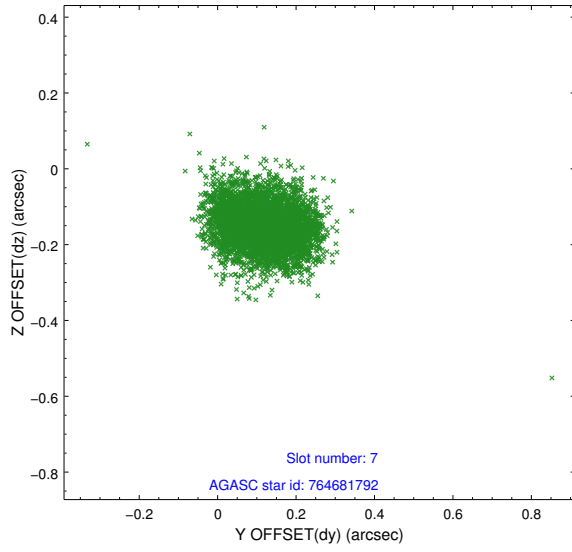


## 2.4.4 Slot 6



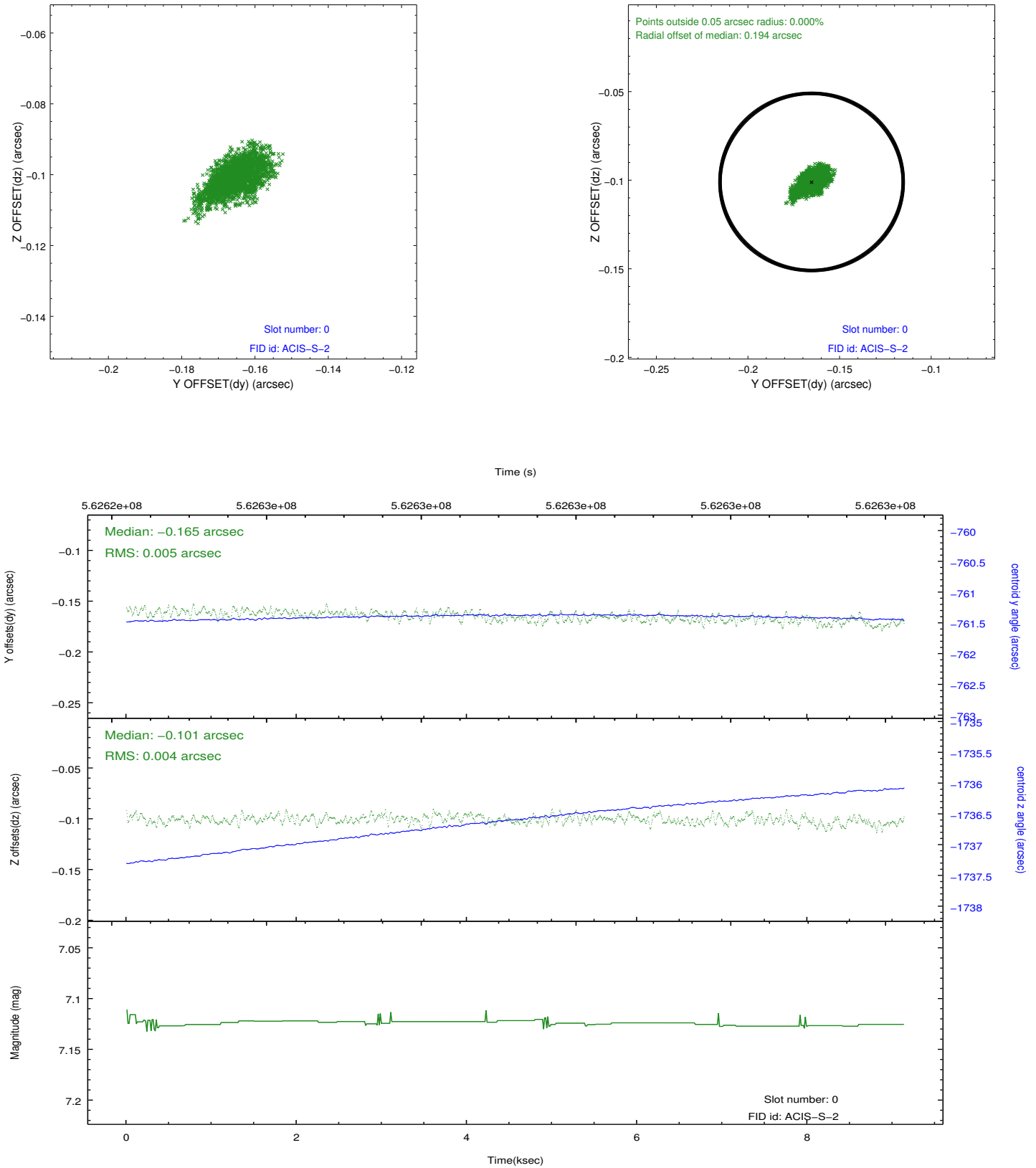


## 2.4.5 Slot 7

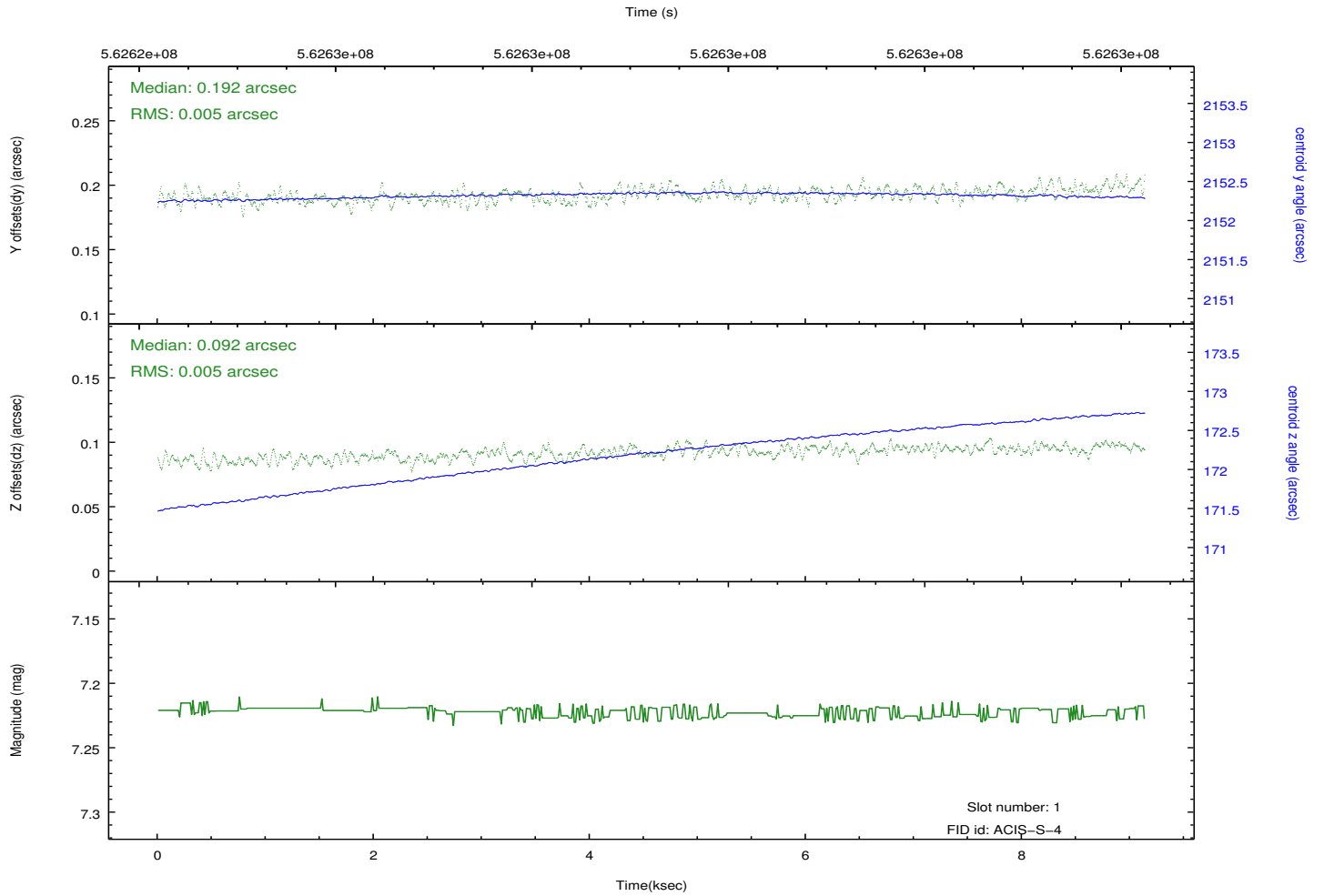
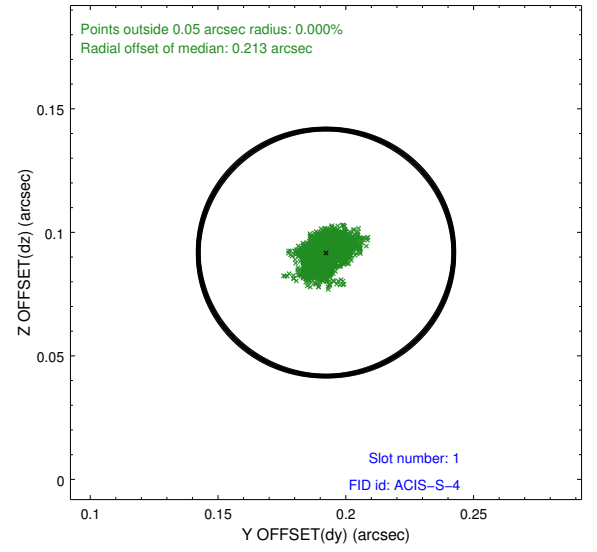
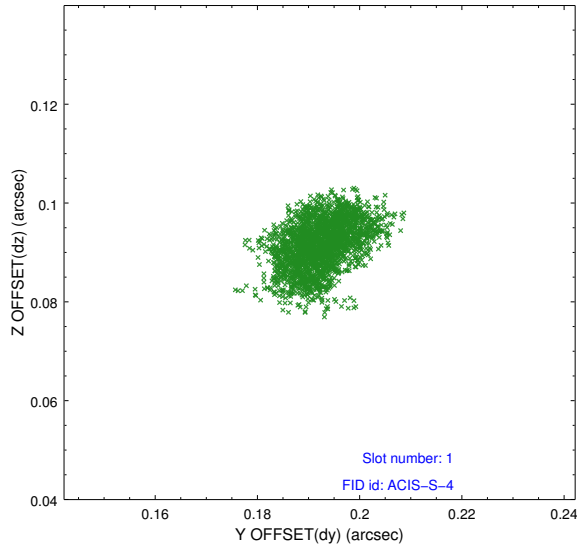


## 2.5 FID Slots

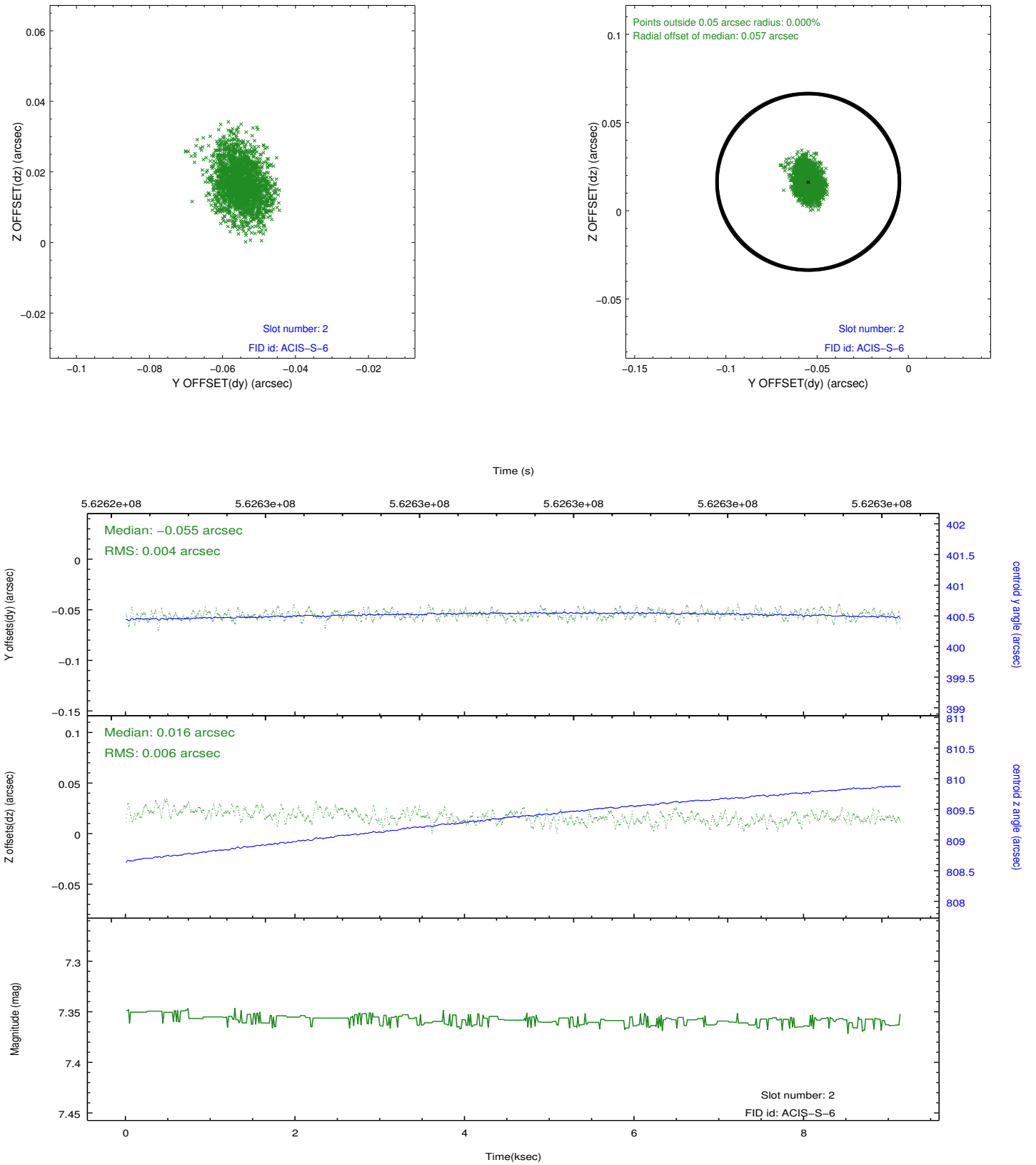
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.0612956442833

### A.2 Comments