

# V&V Reference Report

## L2 ASCDS Version : 8.5

Observation 5668 - L2 Version 3  
Chandra X-Ray Center

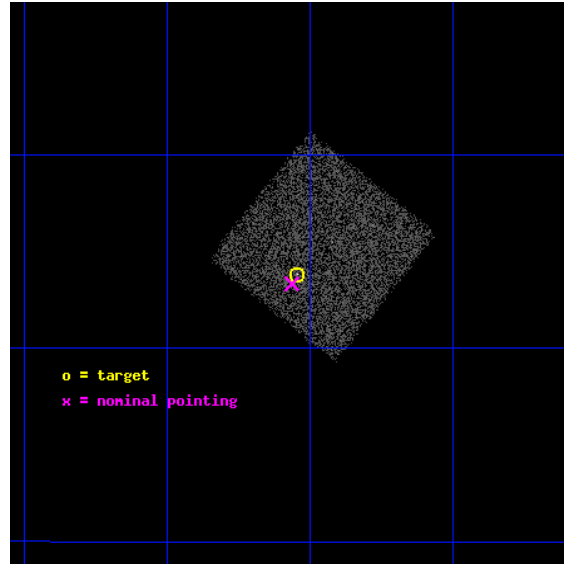
L2 Processing Date : Dec 12 2012

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# 1 Front

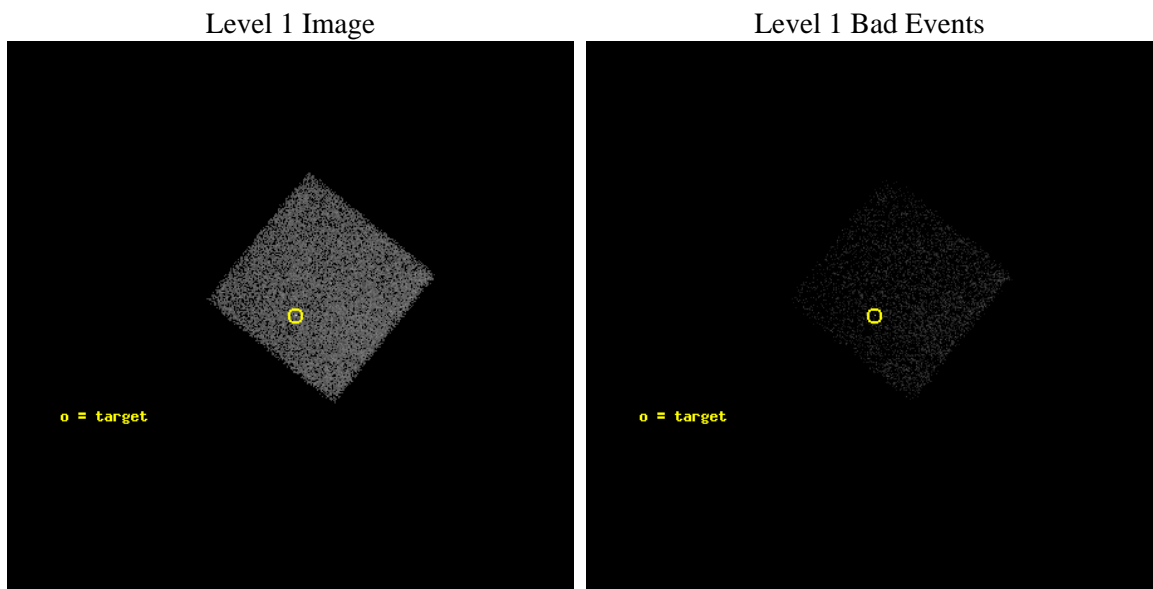
seq_num	701091	Sequence number
obs_id	5668	Observation id
title	Gems in the Chandra Deep Fields: The Nature of Optically Passive X-ray Galaxies (aka XBONGs)	Proposal title
observer	Dr. Sally Laurent-Muehleisen	Principal investigator
object	RGB0238+025A	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	39.63625	Observer's specified target RA [deg]
dec_targ	2.563556	Observer's specified target Dec [deg]
ra_nom	39.64098624943	Nominal RA [deg]
dec_nom	2.5552325762814	Nominal Dec [deg]
roll_nom	308.71882842302	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3147.0	Sum of GTIs [s]
livetime	3104.5300292005	Livetime [s]
ontime7	3147.0	Sum of GTIs [s]
l2events	14282	Number of level 2 events



## 2 OBI

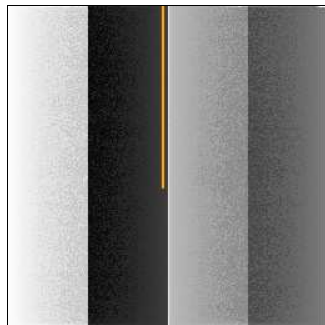
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	3147.0	Sum of GTIs [s]
caldsver	4.5.4	&#160	ontime7	3147.0	Sum of GTIs [s]
date	2012-12-12T02:42:43	Date and time of file creation	l1events	46855	Number of level 1 events
revision	3	Processing version of data			

### 2.1.4 Events

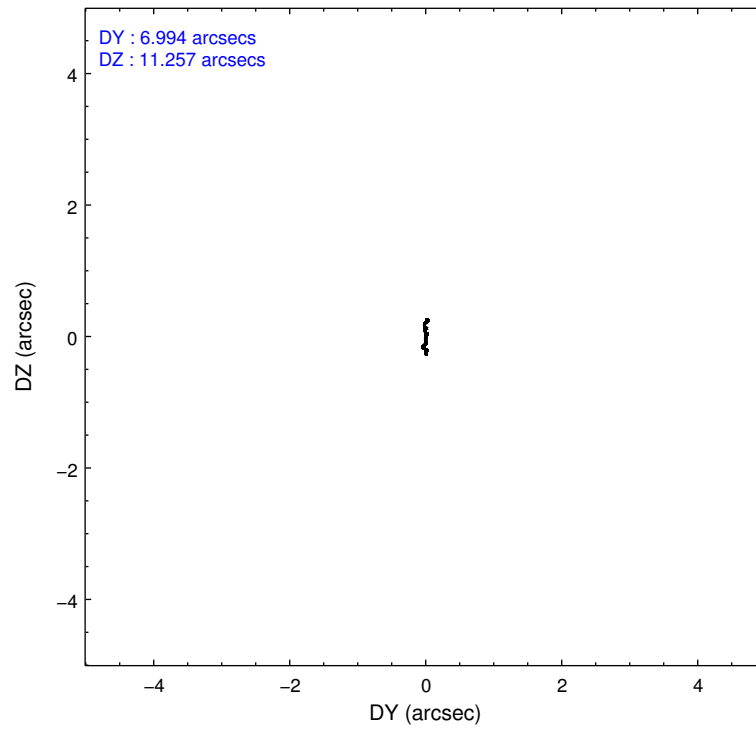
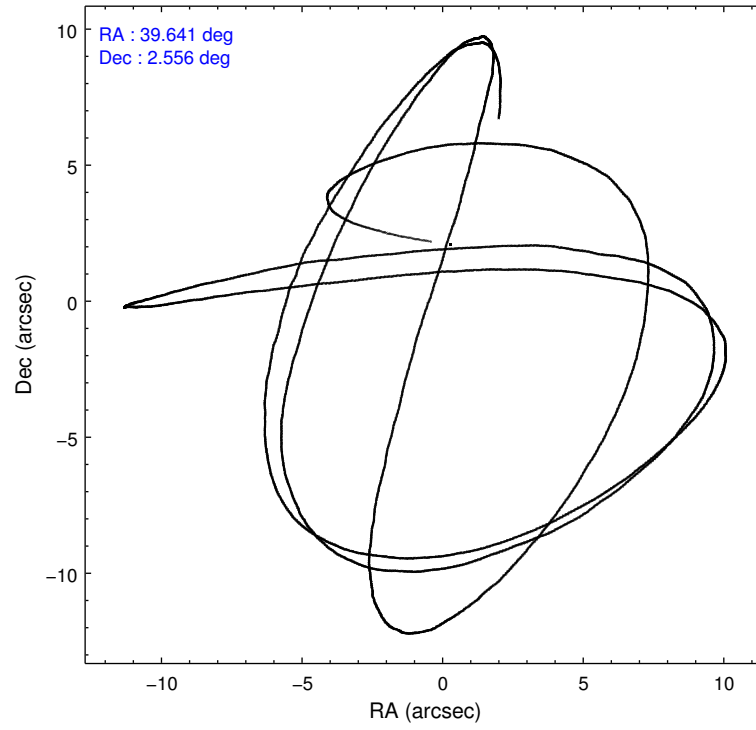
	<b>ccd 7</b>
level 1 events	46855
rejected events	32204
rejected %	68%

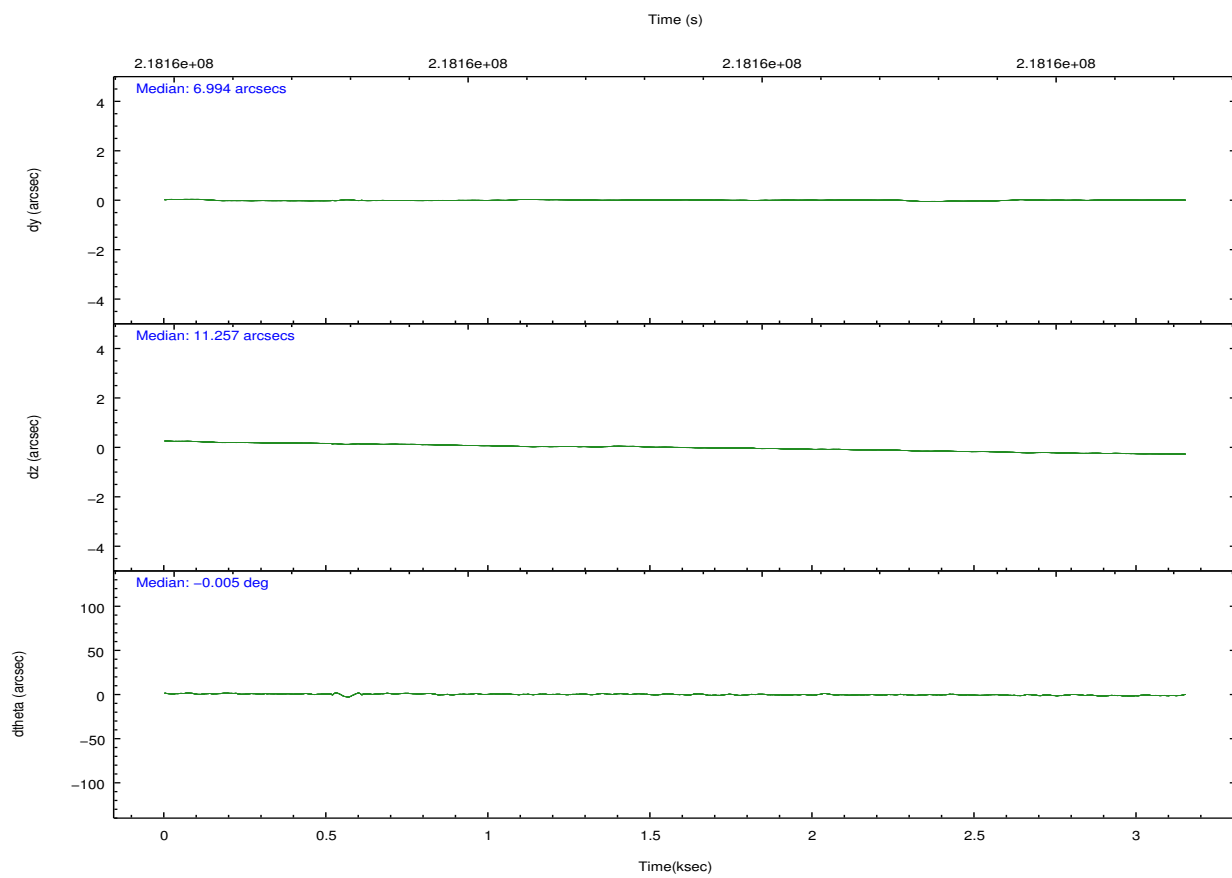
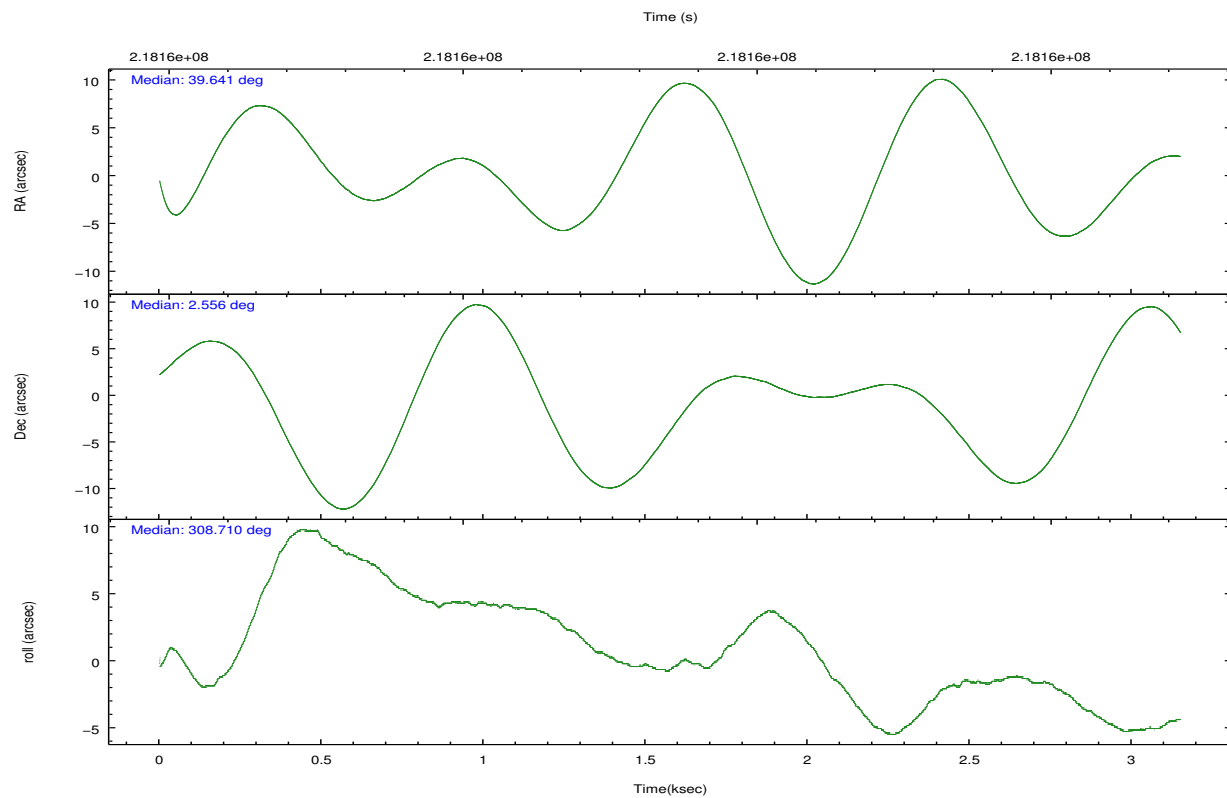
	<b>ccd 7</b>
grade 0 events	1878
	4%
grade 1 events	49
	0%
grade 2 events	4080
	8%
grade 3 events	1868
	3%
grade 4 events	1787
	3%
grade 5 events	4445
	9%
grade 6 events	10555
	22%
grade 7 events	22193
	47%

## 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	39.615356	39.64098624942987	Subarray requested	NONE	NONE
[deg] Pointing Dec	2.564610	2.555232576281441	Alternating exposures requested	N	N
[deg] Pointing Roll	308.563325	308.7188284230194	[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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	218156281.184000	218154868.67482			
Observation start date	2004-11-29T22:56:57	2004-11-29T22:34:28			
[s] Observation end time (MET)	218159281.184000	218159964.46255			
Observation end date	2004-11-29T23:46:57	2004-11-29T23:59:24			
Read mode	TIMED	TIMED			

## 2.3 Aspect





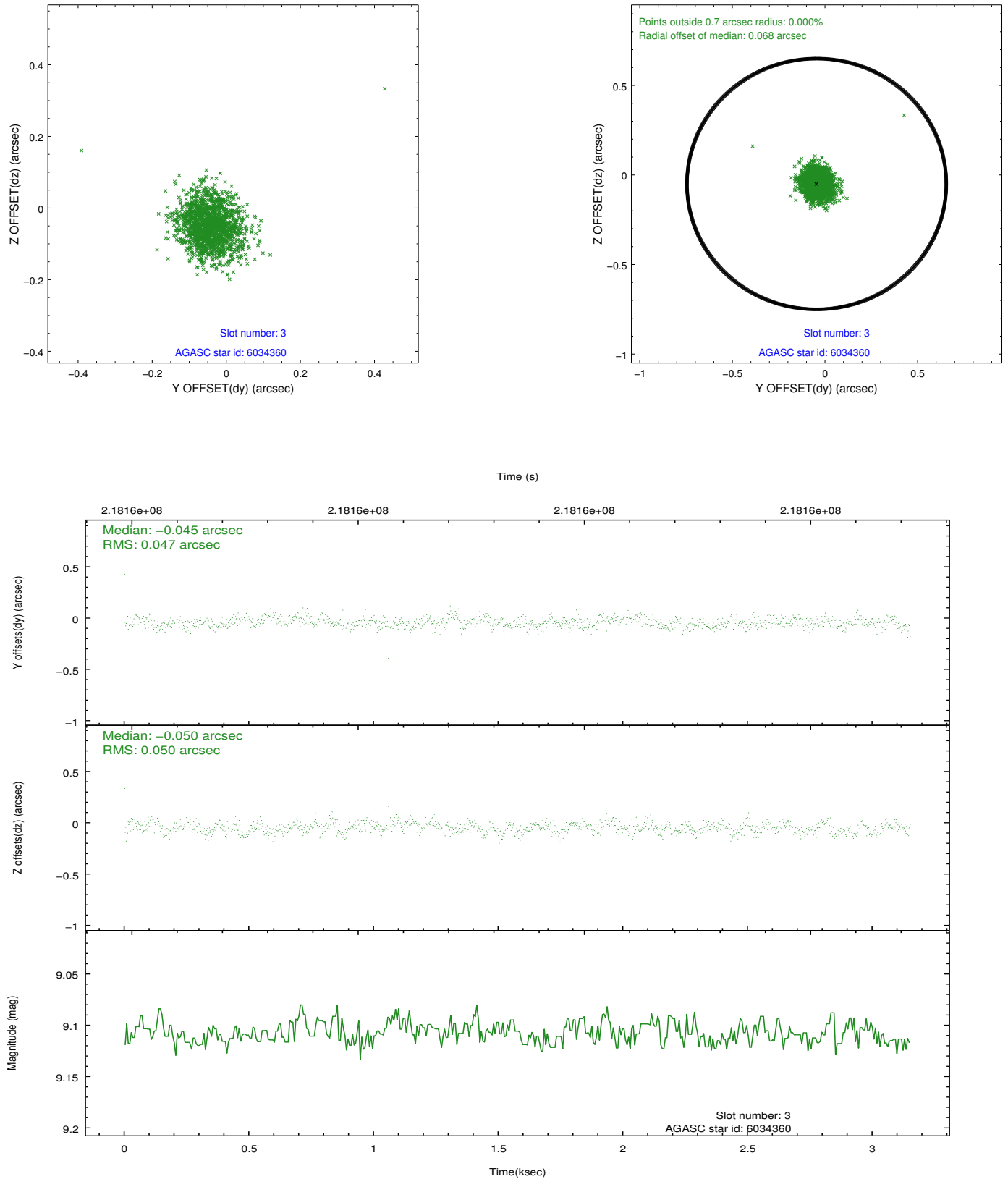
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	769	0.038	-0.081	0.009	0.015	0.000000	0.000000	936.31	-1728.24
1	FID	ACIS-S-5	7.24	769	-0.048	0.023	0.007	0.012	0.000000	0.000000	-1811.62	167.37
2	FID	ACIS-S-6	7.35	769	-0.012	0.069	0.008	0.013	0.000000	0.000000	399.66	813.63
3	GUIDE	6034360	9.11	1537	-0.045	-0.050	0.072	0.115	39.466807	2.200166	693.37	-1236.26
4	GUIDE	6160456	9.52	1535	0.051	0.041	0.094	0.153	40.316120	2.319696	2261.05	1420.79
5	GUIDE	6554280	9.44	1538	0.018	0.118	0.108	0.181	40.121255	2.713825	715.45	1758.09
6	GUIDE	6557224	8.84	1538	0.039	0.038	0.080	0.123	40.036096	2.918511	-52.39	1977.55
7	GUIDE	6554032	6.97	1537	-0.057	-0.143	0.070	0.108	40.197253	2.898470	364.16	2386.28

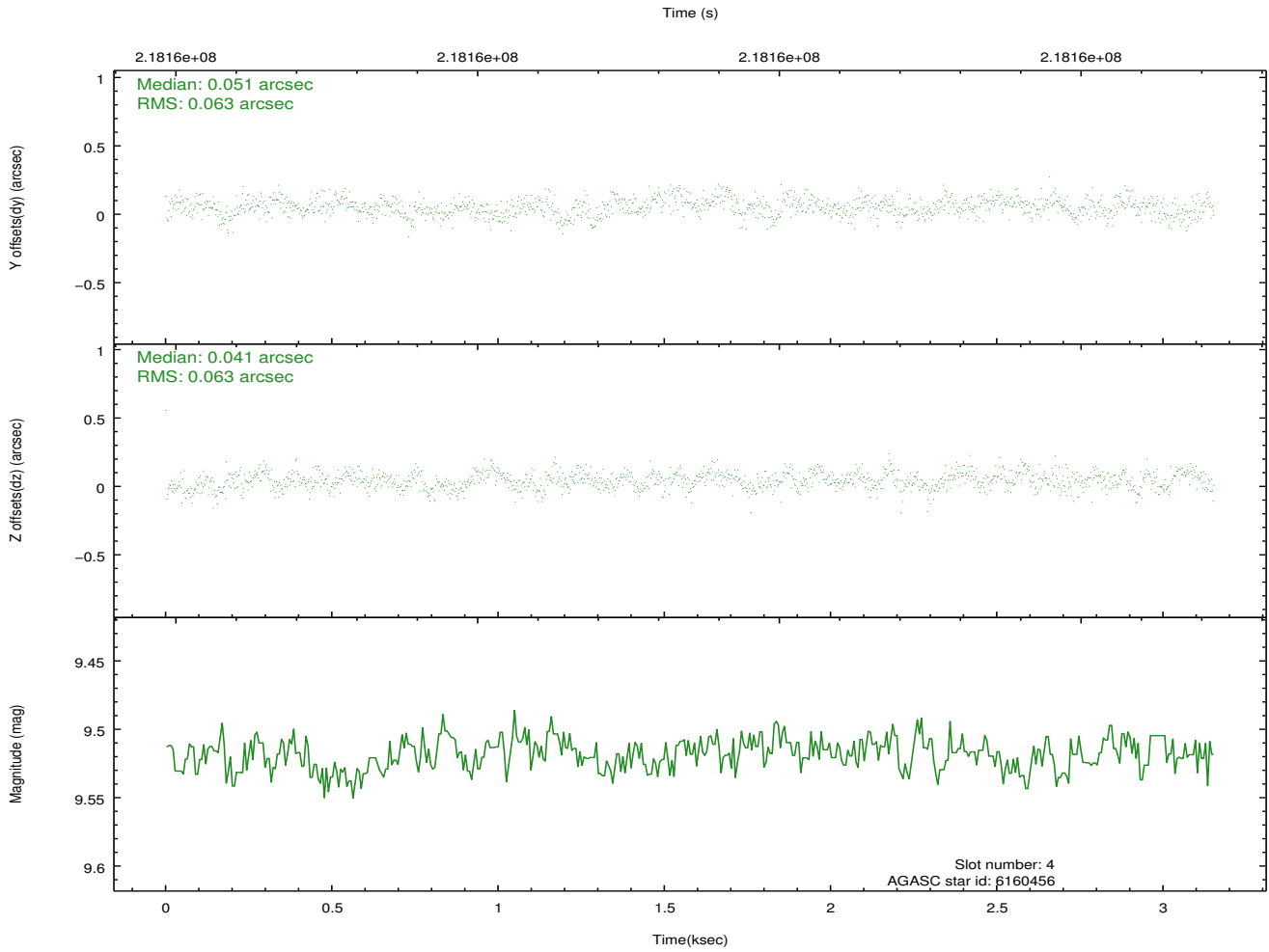
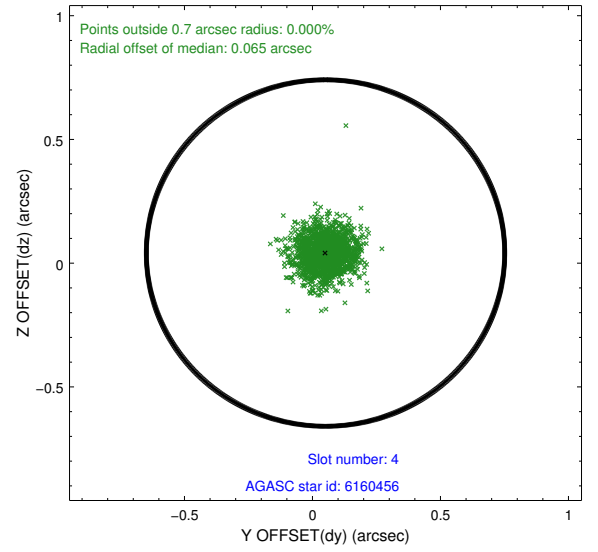
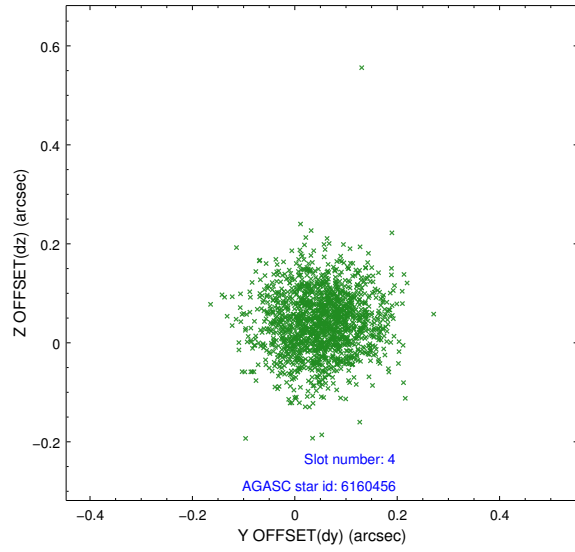


## 2.4 Star Slots

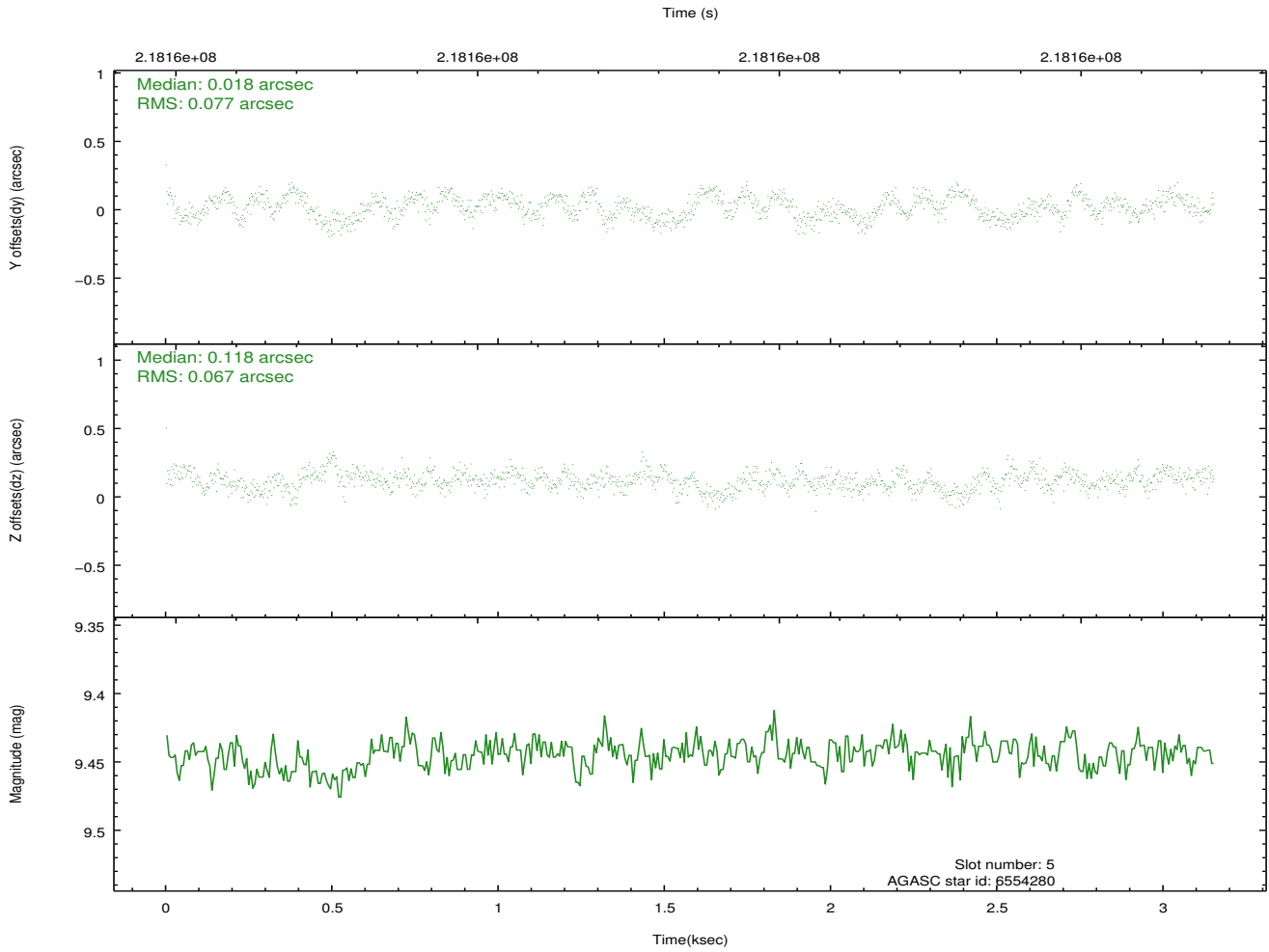
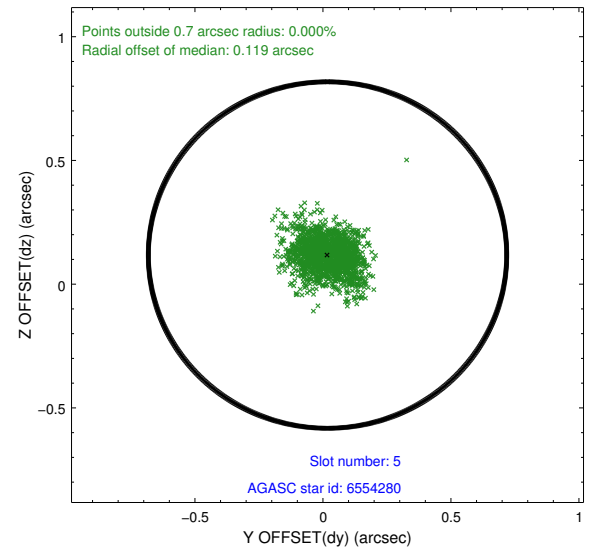
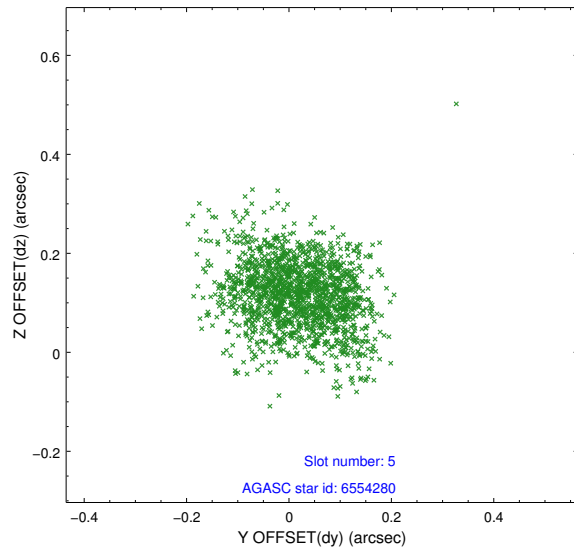
### 2.4.1 Slot 3



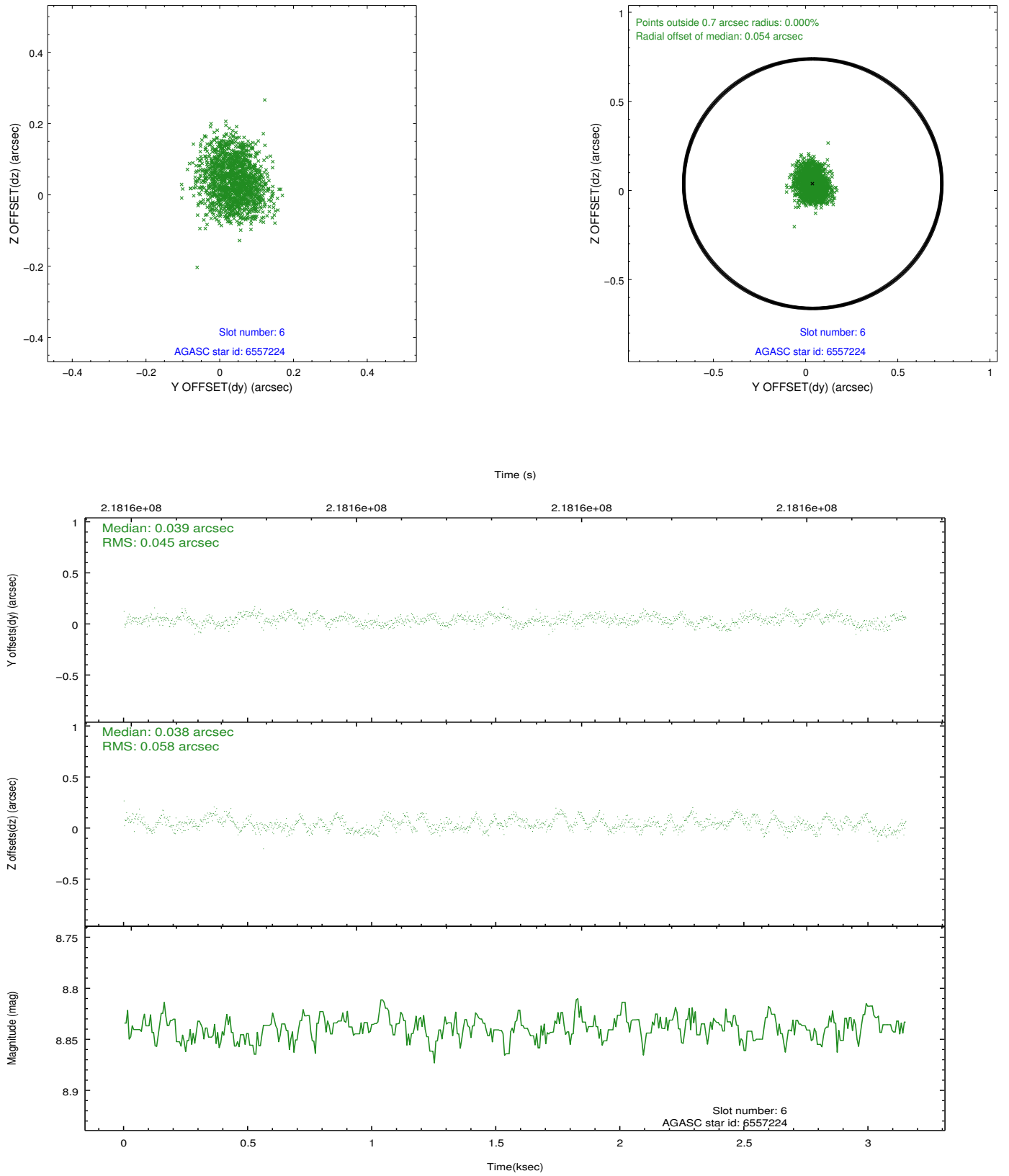
## 2.4.2 Slot 4



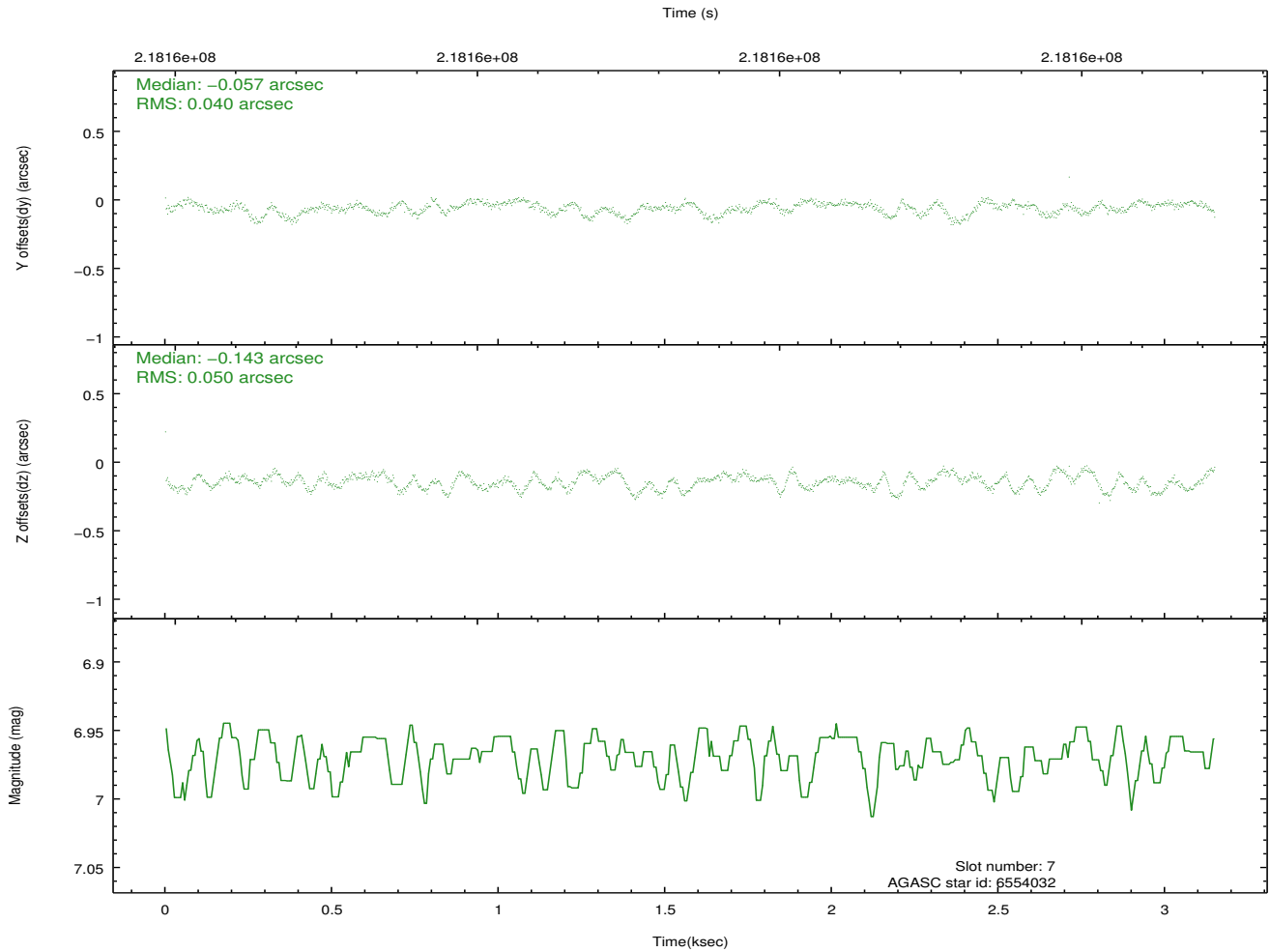
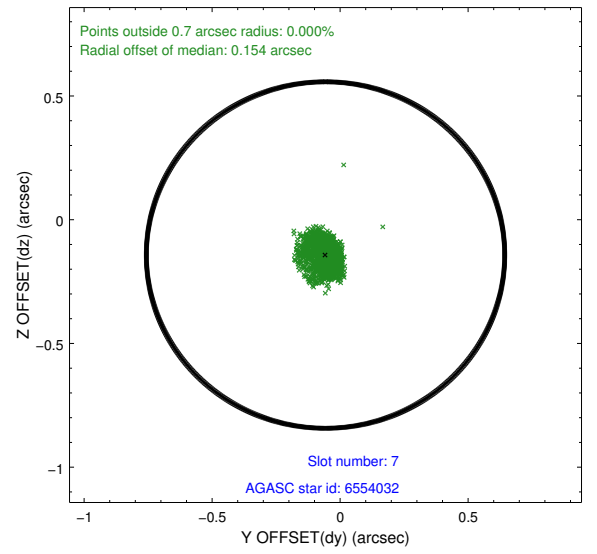
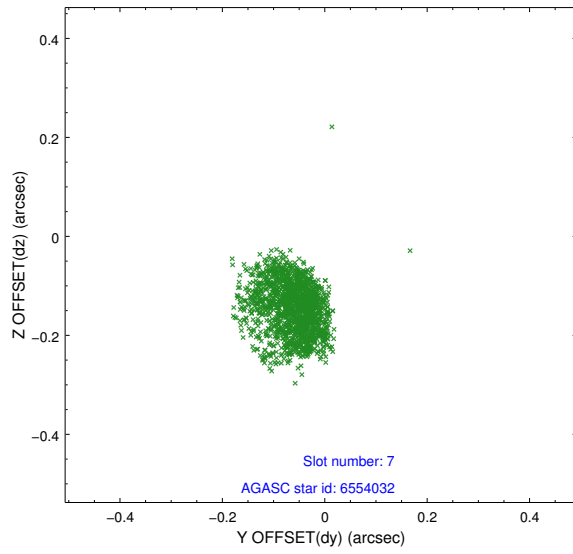
### 2.4.3 Slot 5



## 2.4.4 Slot 6

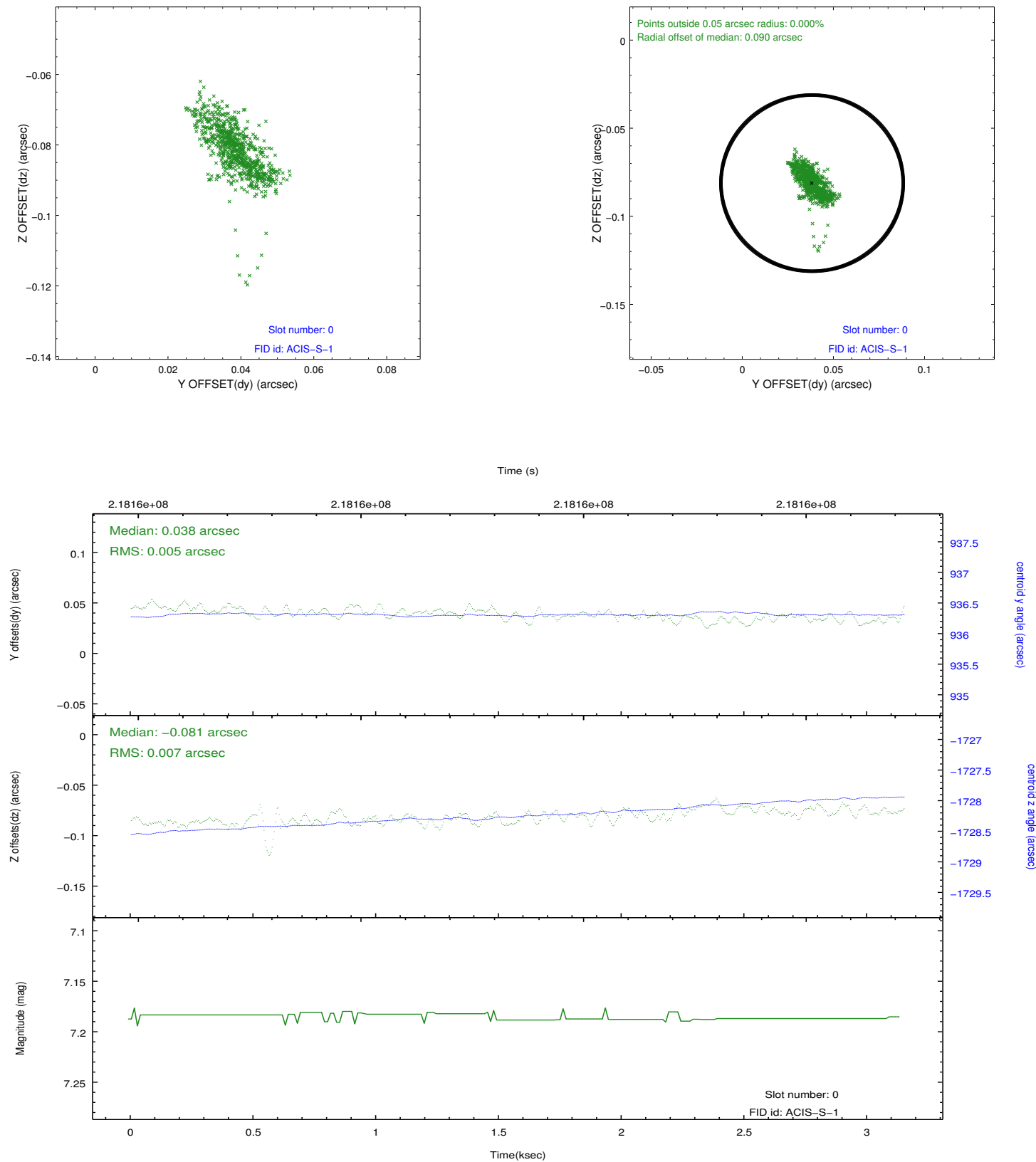


## 2.4.5 Slot 7

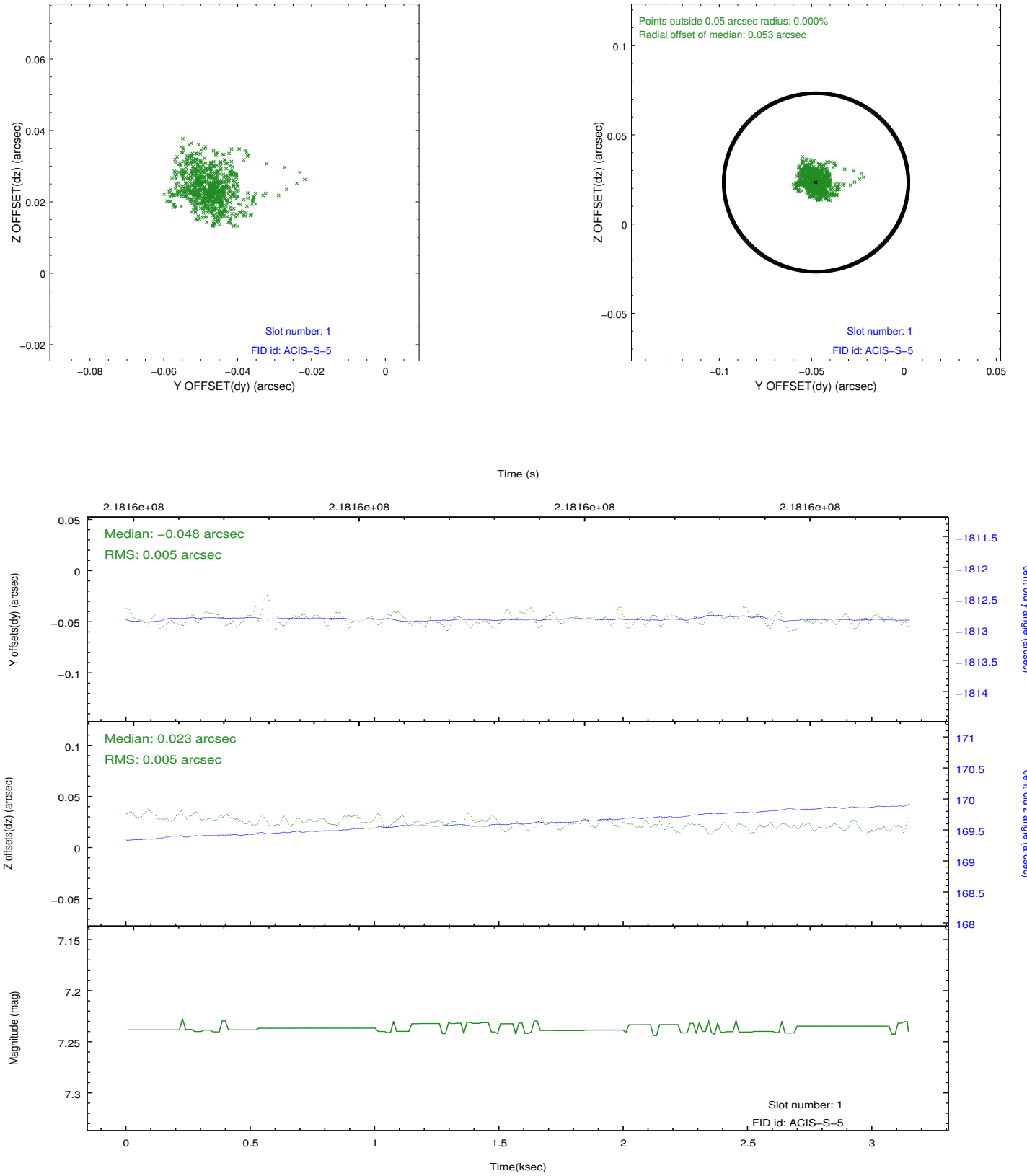


## 2.5 FID Slots

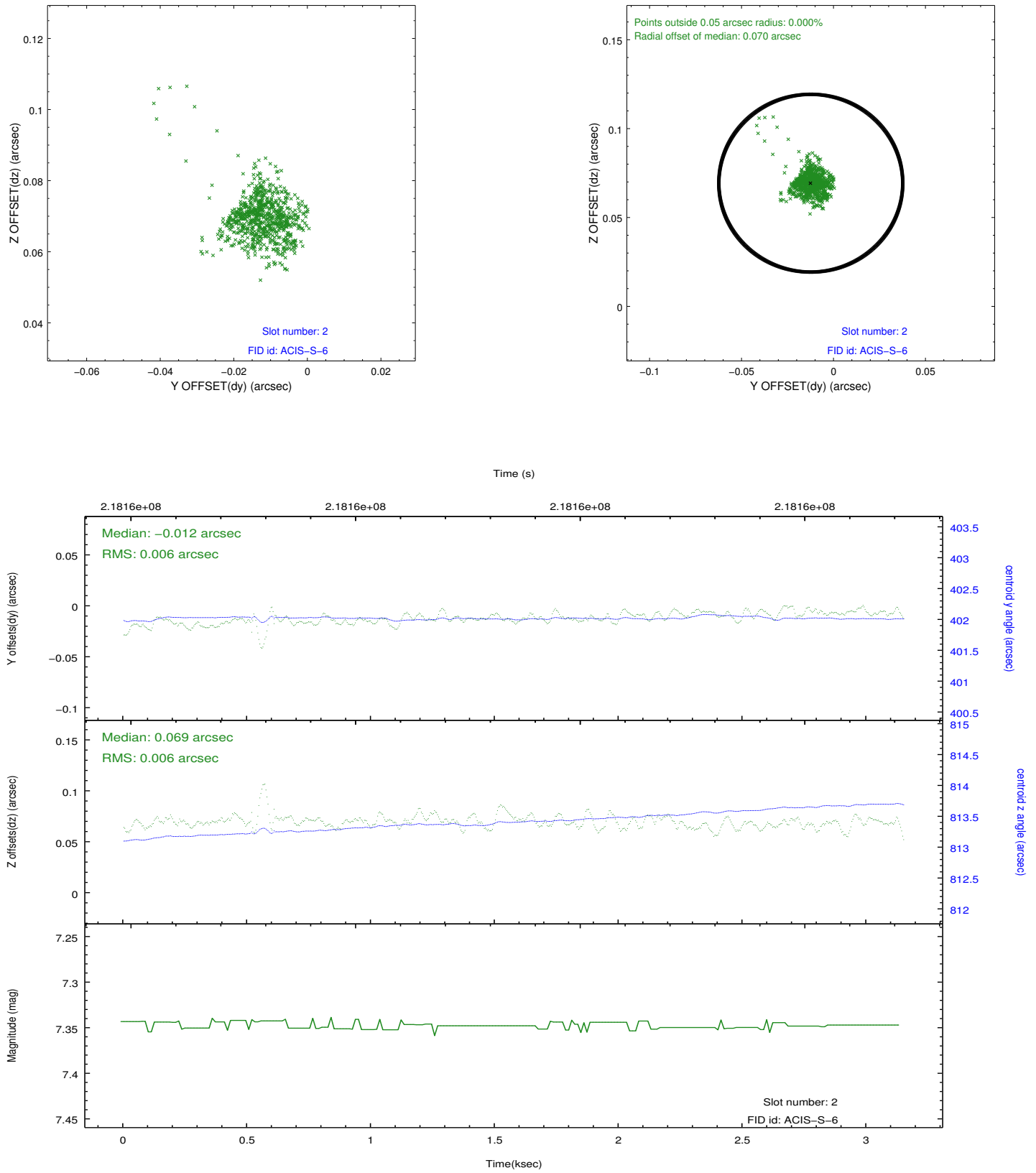
### 2.5.1 Slot 0



## 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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.147

### A.2 Comments

Joint Proposal: NRAO