

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 665 - L2 Version 4  
Chandra X-Ray Center

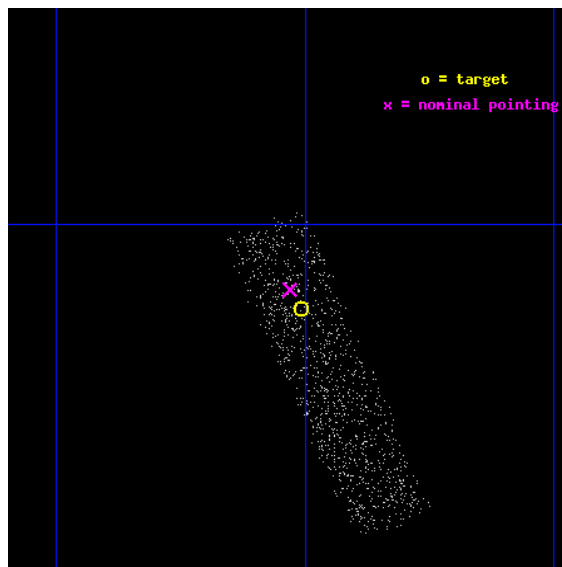
L2 Processing Date : Aug 28 2012

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# 1 Front

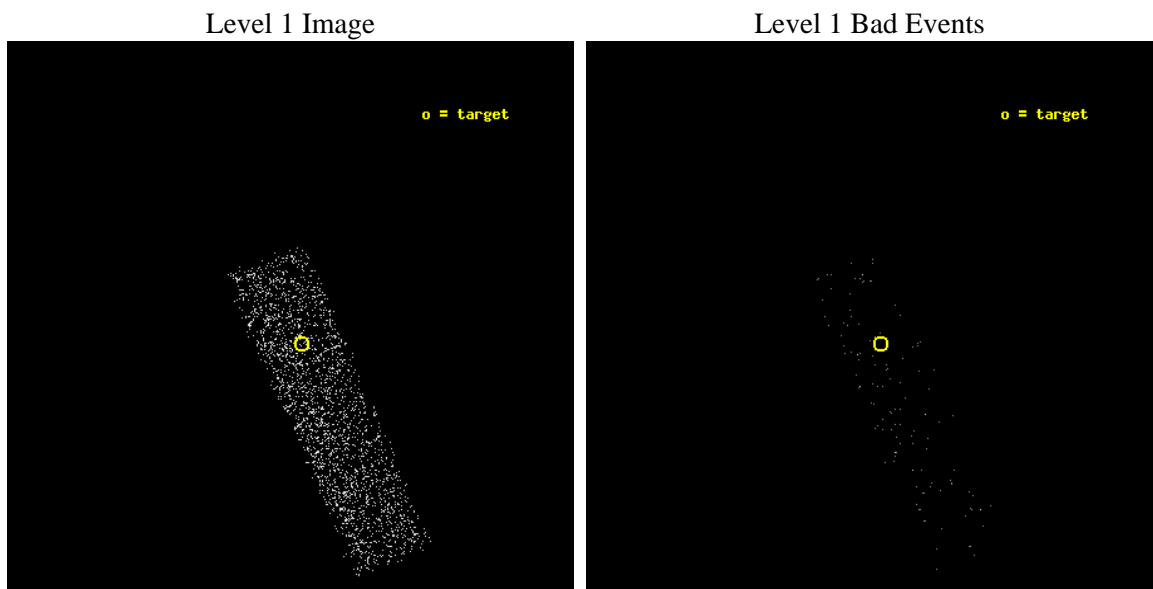
seq_num	400032	Sequence number
obs_id	665	Observation id
title	THE FAINTEST 'FIELD' LOW-MASS X-RAY BINARIES	Proposal title
observer	PROF MICHIEL VAN DER KLIS	Principal investigator
object	1736-297	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	264.876667	Observer's specified target RA [deg]
dec_targ	-29.703083	Observer's specified target Dec [deg]
ra_nom	264.88270865758	Nominal RA [deg]
dec_nom	-29.695118168875	Nominal Dec [deg]
roll_nom	66.44479636811	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1286.3999952227	Sum of GTIs [s]
livetime	1223.6278847357	Livetime [s]
ontime7	1286.3999952227	Sum of GTIs [s]
l2events	1141	Number of level 2 events



## 2 OBI

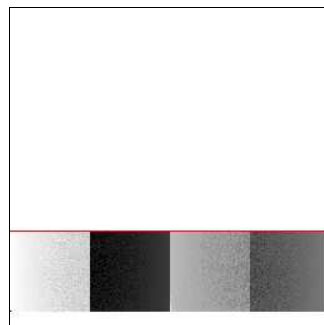
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1286.3999952227	Sum of GTIs [s]
caldsver	4.5.1.1	&#160	ontime7	1286.3999952227	Sum of GTIs [s]
date	2012-08-28T05:35:43	Date and time of file creation	l1events	3691	Number of level 1 events
revision	4	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	3691
rejected events	2509
rejected %	67%

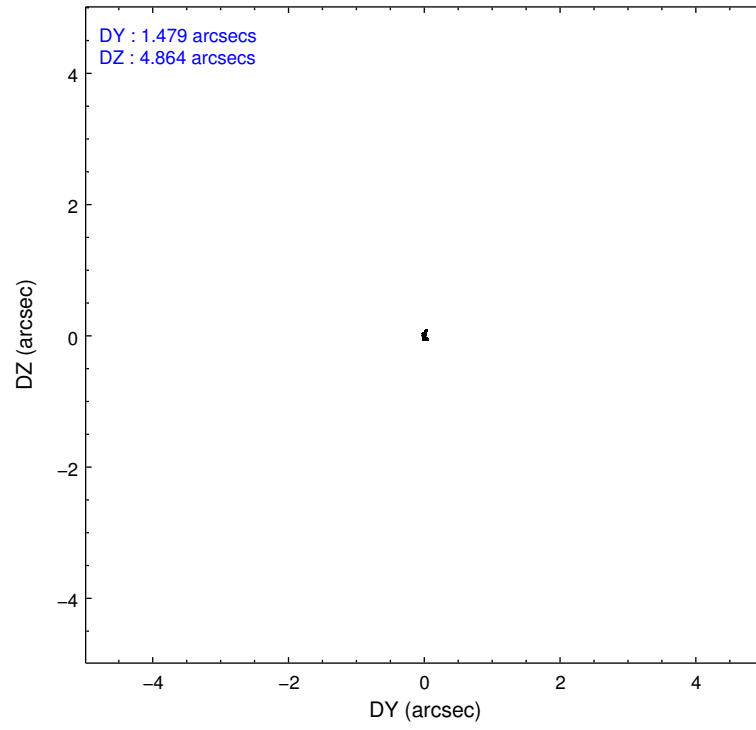
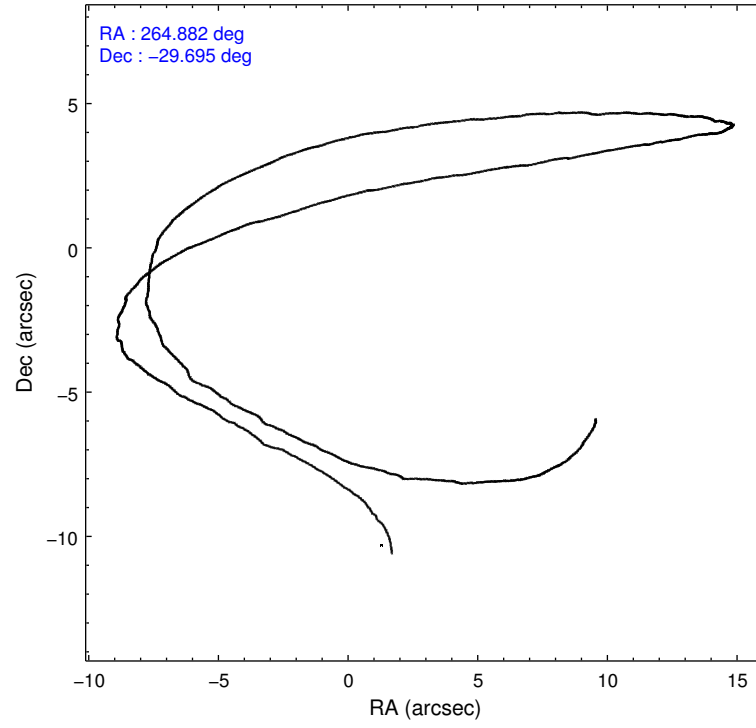
	<b>ccd 7</b>
grade 0 events	195
	5%
grade 1 events	2
	0%
grade 2 events	364
	9%
grade 3 events	178
	4%
grade 4 events	170
	4%
grade 5 events	328
	8%
grade 6 events	885
	23%
grade 7 events	1569
	42%

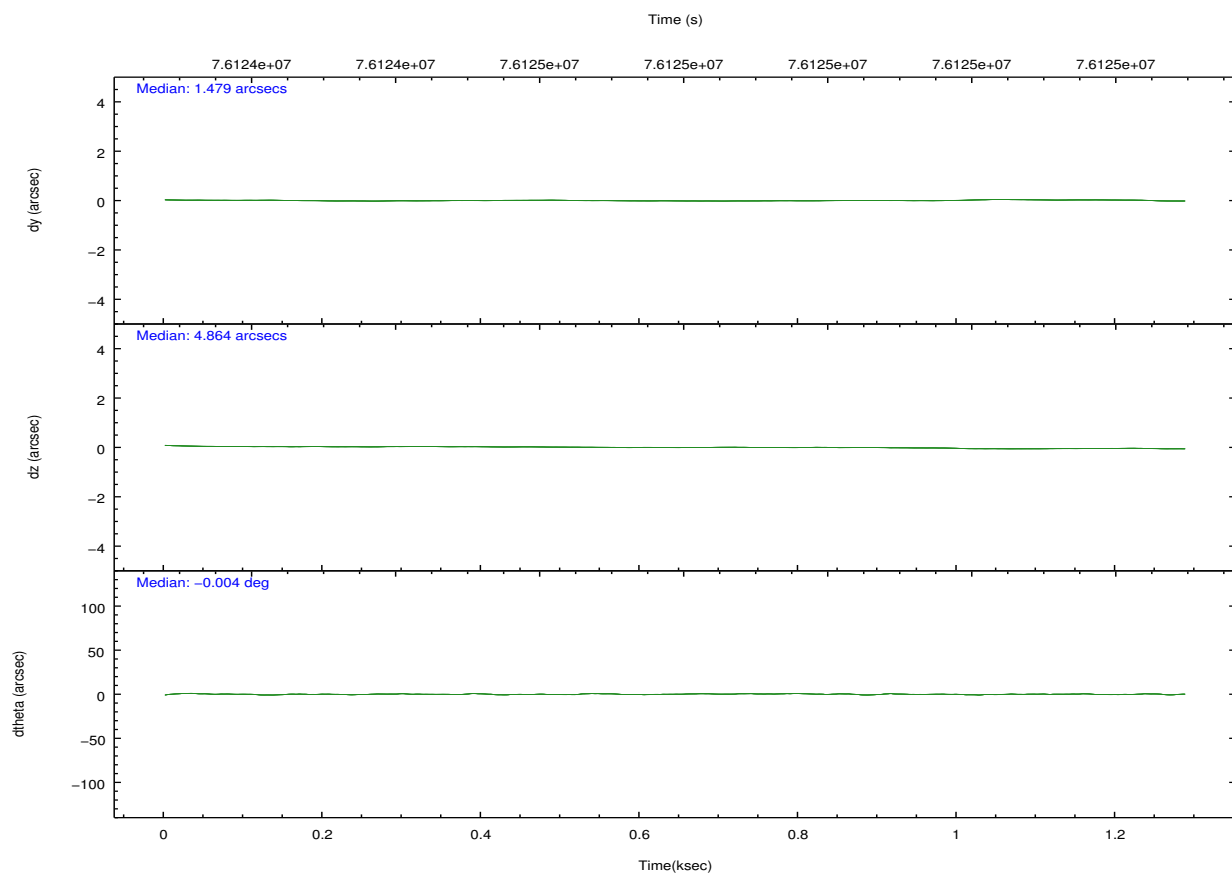
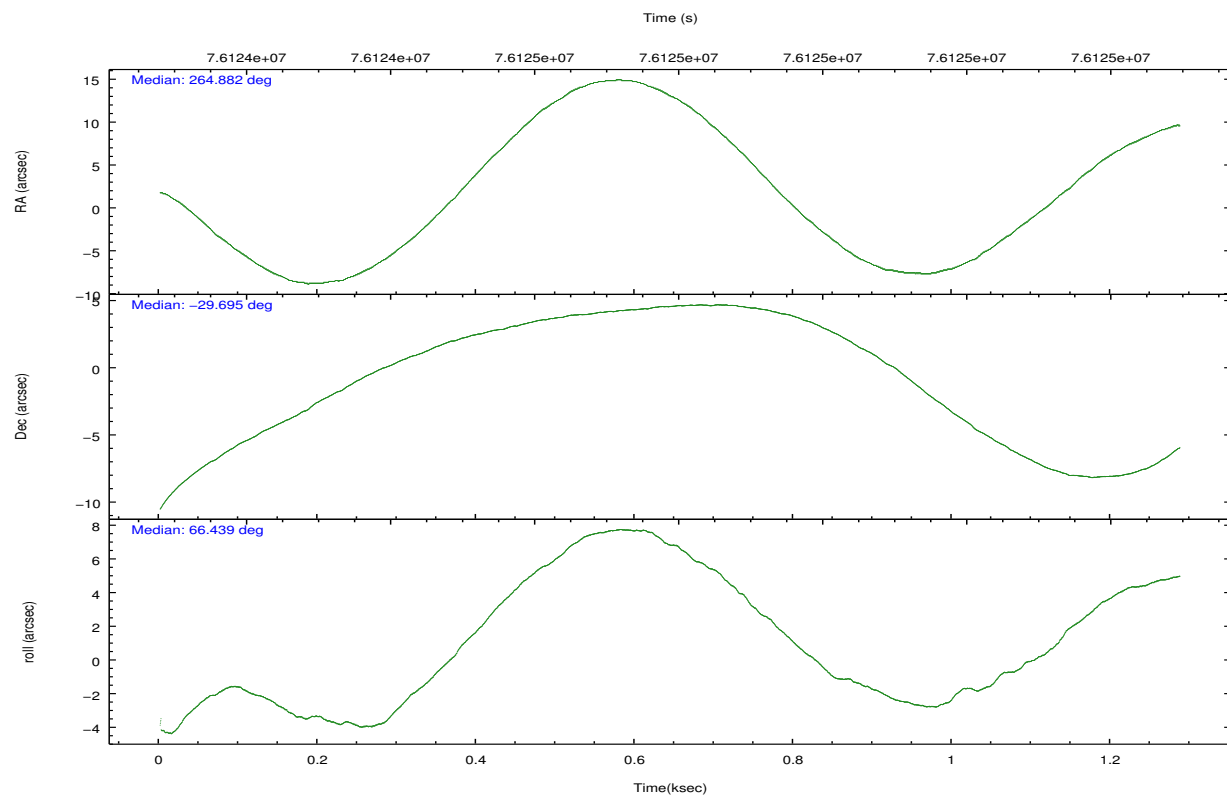
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	264.886781	264.882708657584
[deg] Pointing Dec	-29.722048	-29.6951181688753
[deg] Pointing Roll	66.290189	66.44479636810979
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-182.132523	-182.1344861297048
[mm] SIM translation stage offset	-8	-7.998036453302973
[s] Observation start time (MET)	76124433.184000	76123425.941258
Observation start date	2000-05-31T01:39:29	2000-05-31T01:23:45
[s] Observation end time (MET)	76125433.184000	76126147.316358
Observation end date	2000-05-31T01:56:09	2000-05-31T02:09:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/4
Subarray start row	53	53
Subarray row count	256	256
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.8

## 2.3 Aspect





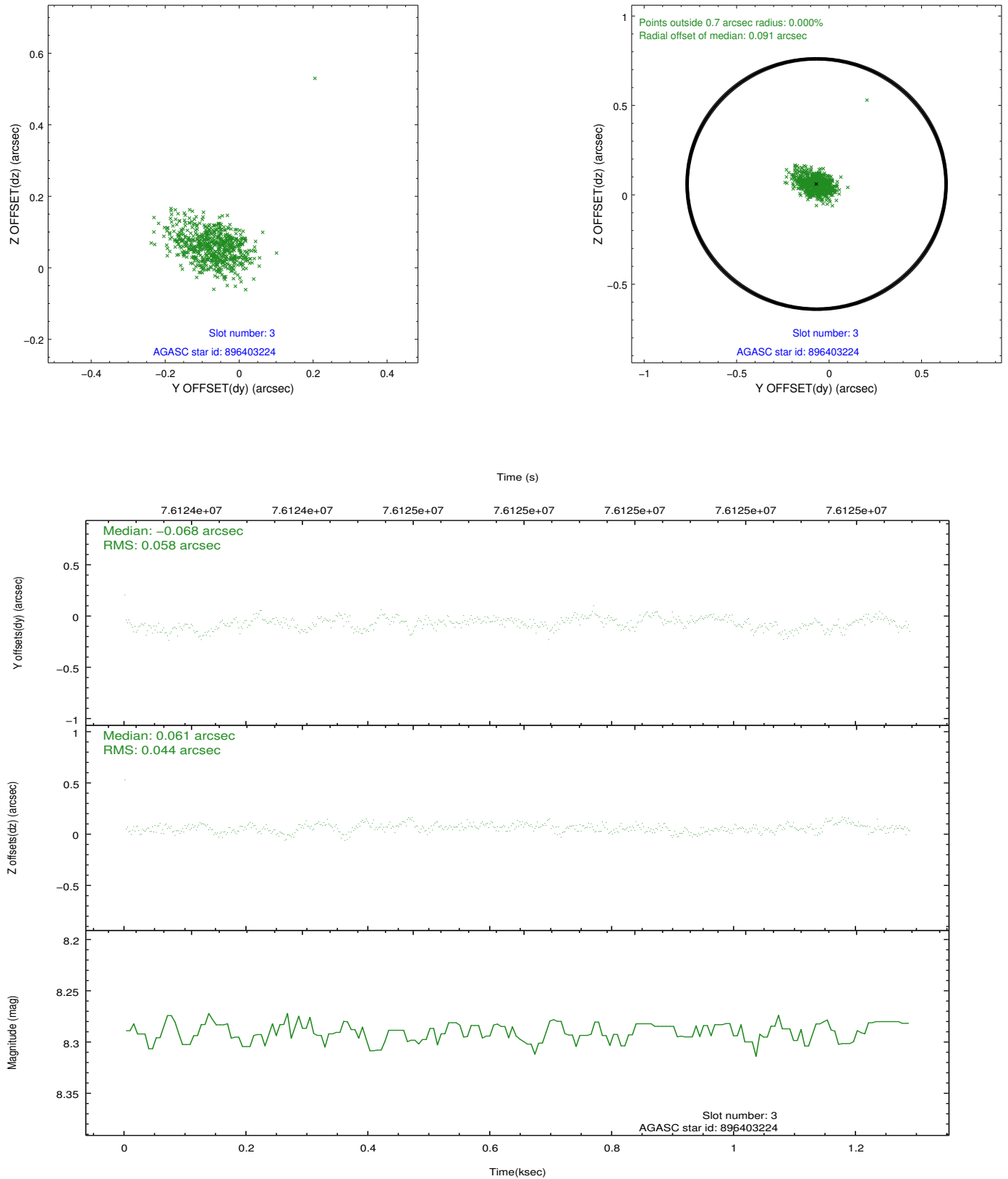
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	314	-0.082	-0.060	0.006	0.011	0.000000	0.000000	-753.60	-1890.79
1	FID	ACIS-S-4	7.18	314	0.062	0.045	0.007	0.010	0.000000	0.000000	2157.50	11.91
2	FID	ACIS-S-6	7.42	314	-0.008	0.022	0.007	0.011	0.000000	0.000000	415.14	655.17
3	GUIDE	896403224	8.29	629	-0.068	0.061	0.073	0.125	265.612825	-29.438915	1845.28	-1677.40
4	GUIDE	896402080	9.39	629	-0.056	-0.085	0.078	0.135	264.880091	-29.164813	1834.19	822.91
5	GUIDE	896406904	9.00	629	-0.107	-0.061	0.087	0.141	264.311862	-29.742267	-787.59	1615.02
6	GUIDE	966789840	9.70	628	0.155	0.040	0.097	0.160	264.484364	-30.044920	-1568.55	681.95
7	GUIDE	966792656	9.55	627	0.087	0.052	0.093	0.150	265.168132	-30.282607	-1496.11	-1612.22

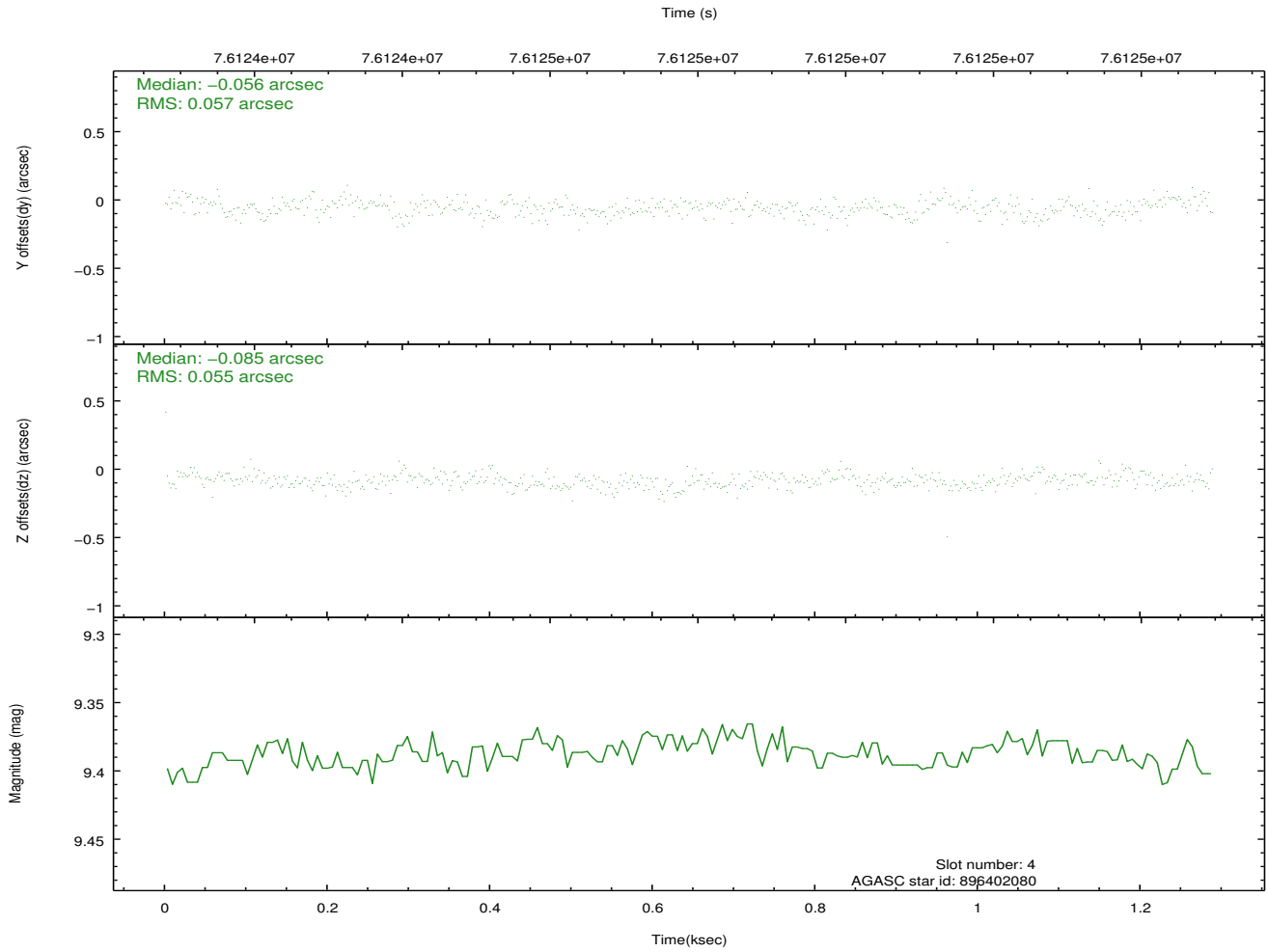
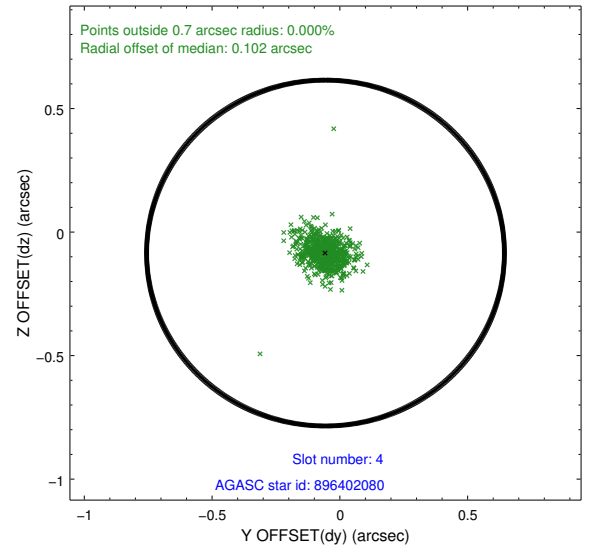
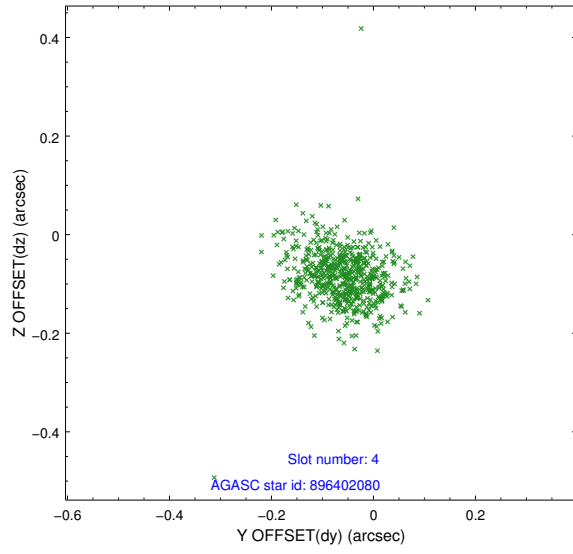


## 2.4 Star Slots

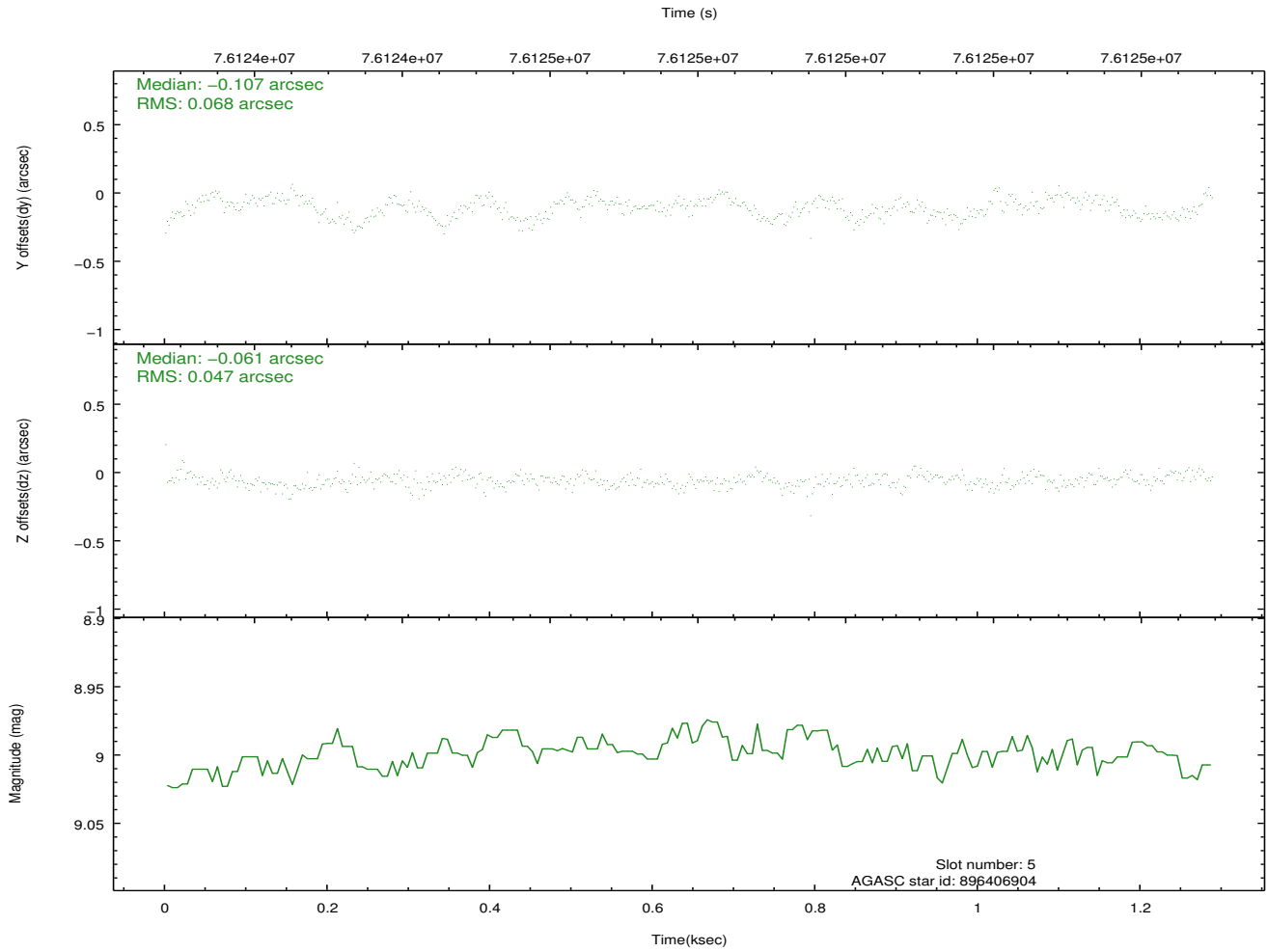
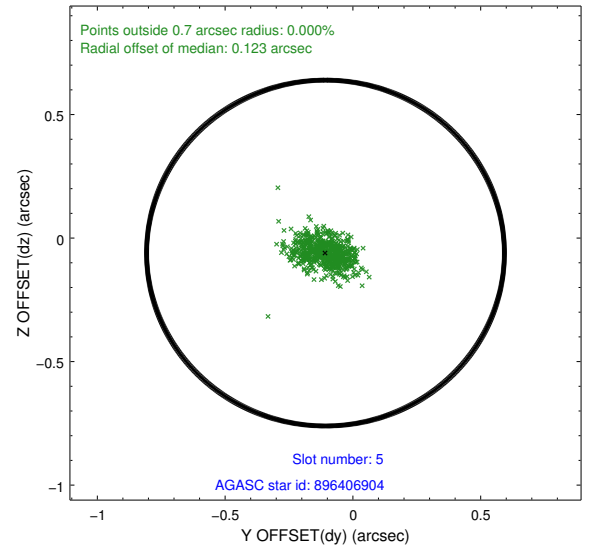
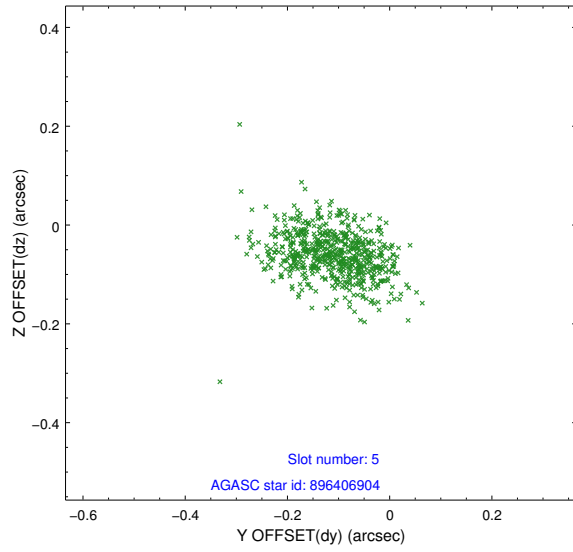
### 2.4.1 Slot 3



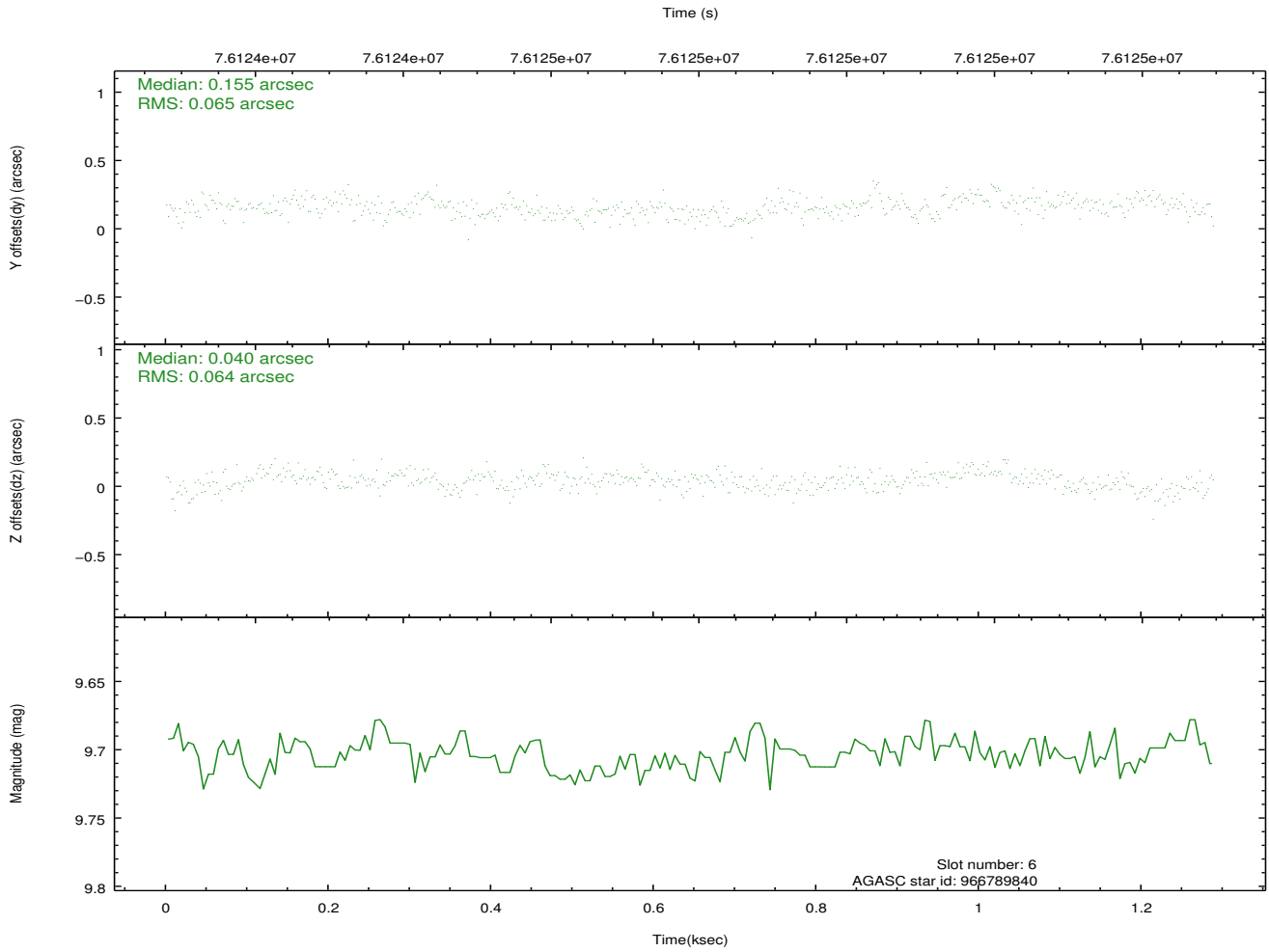
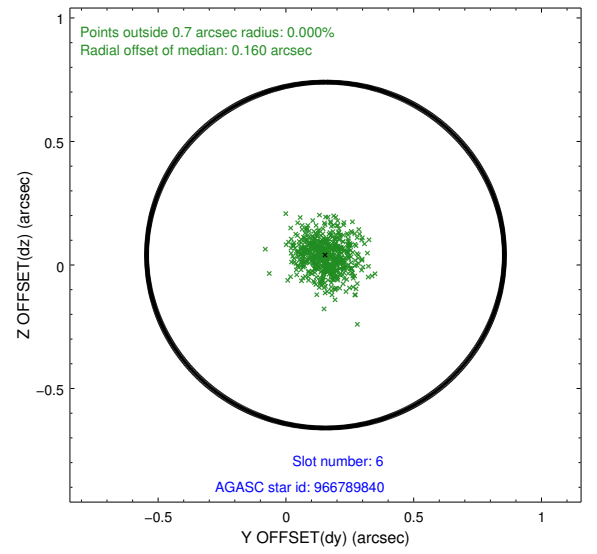
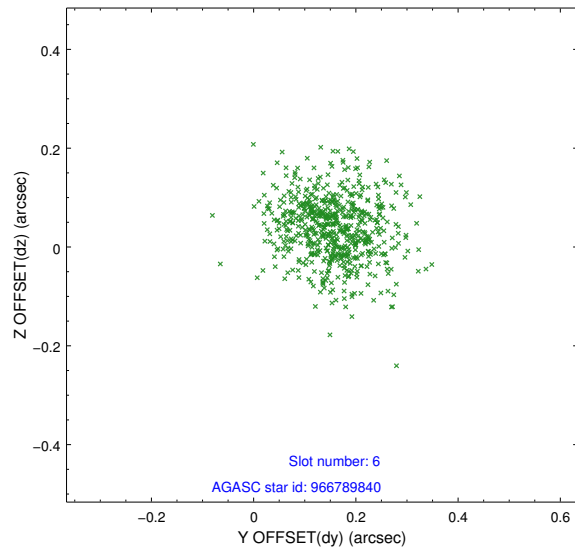
## 2.4.2 Slot 4



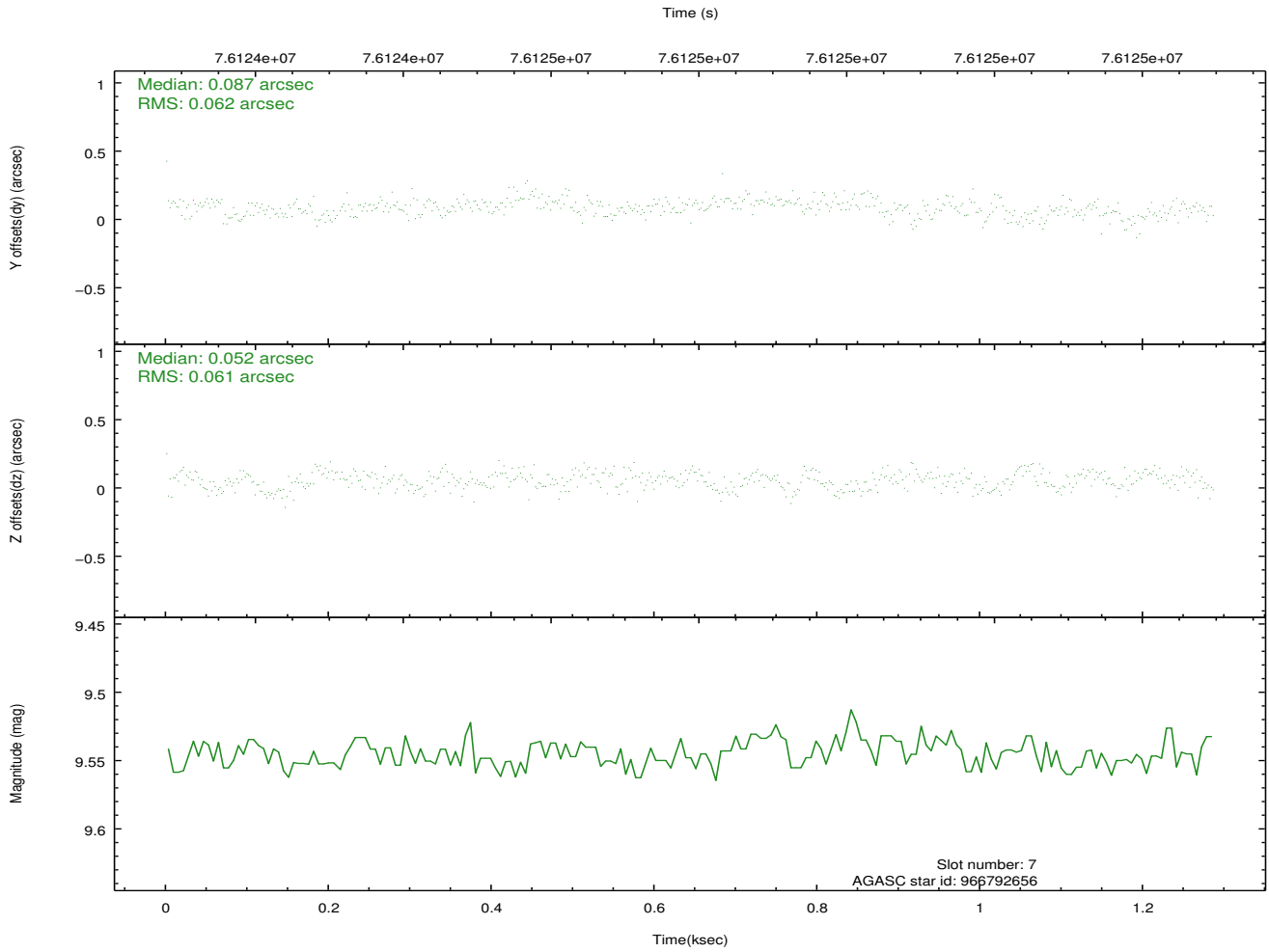
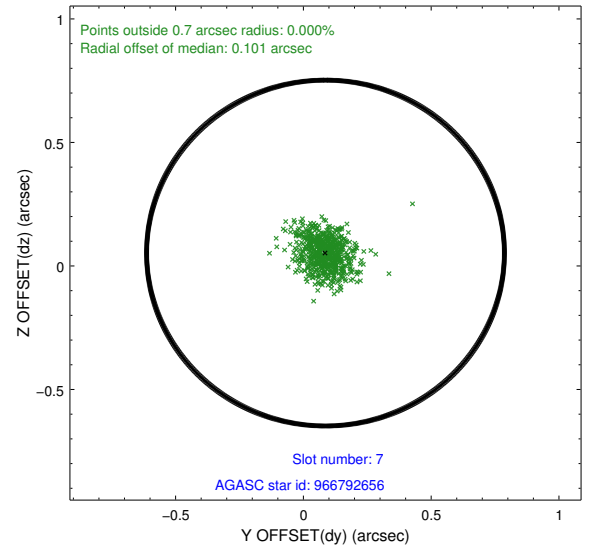
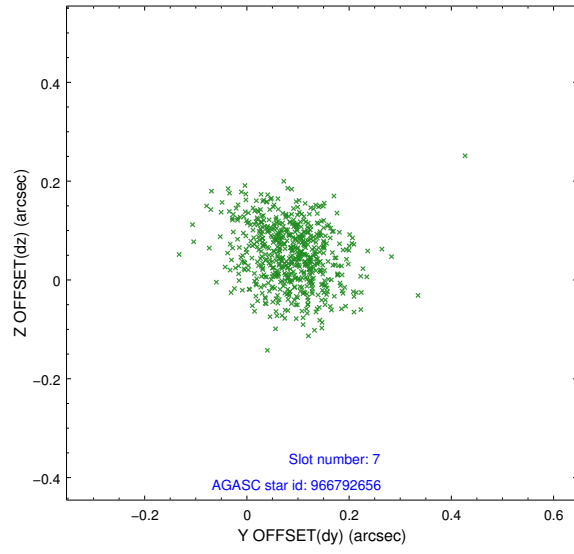
### 2.4.3 Slot 5



## 2.4.4 Slot 6

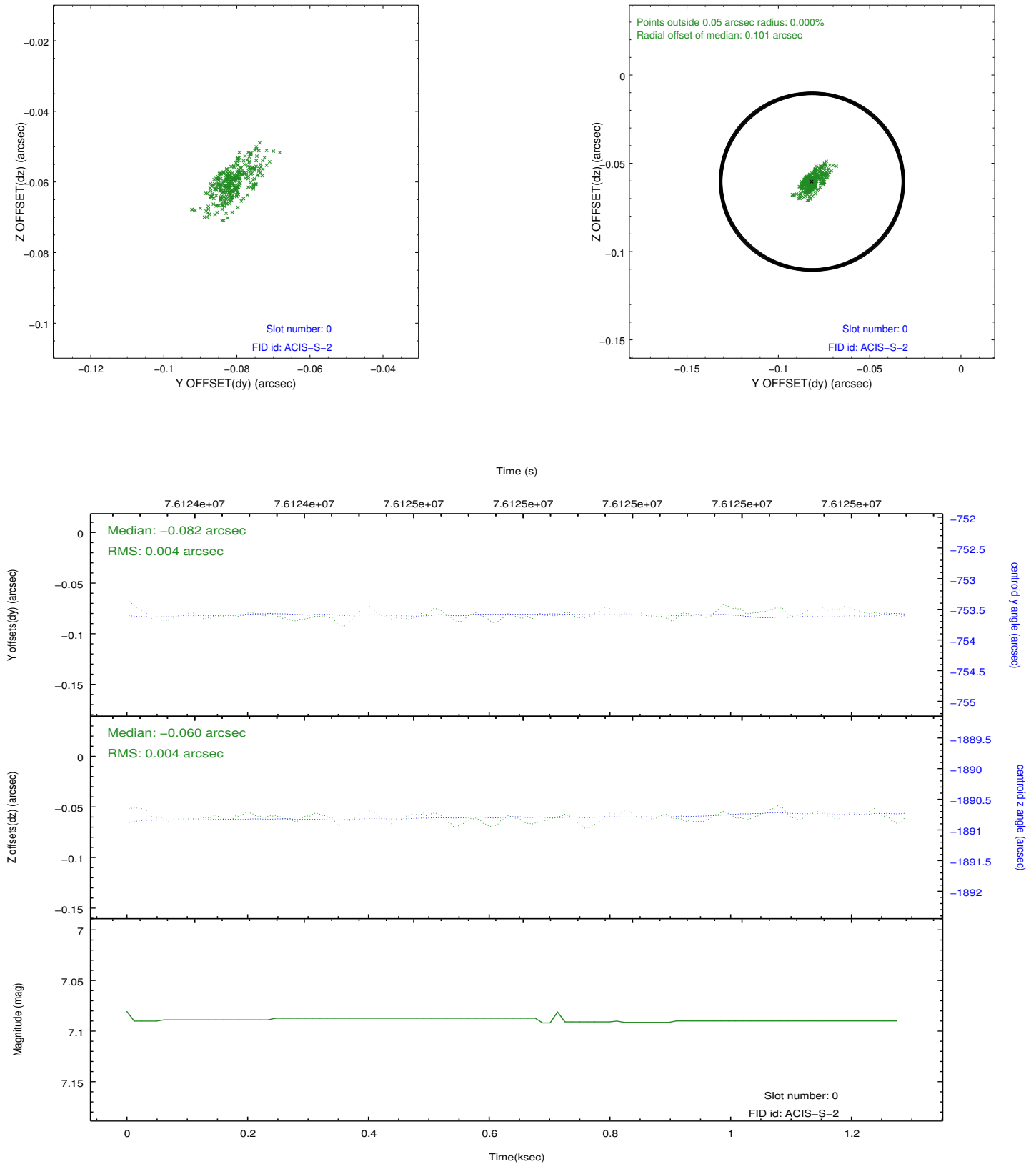


## 2.4.5 Slot 7

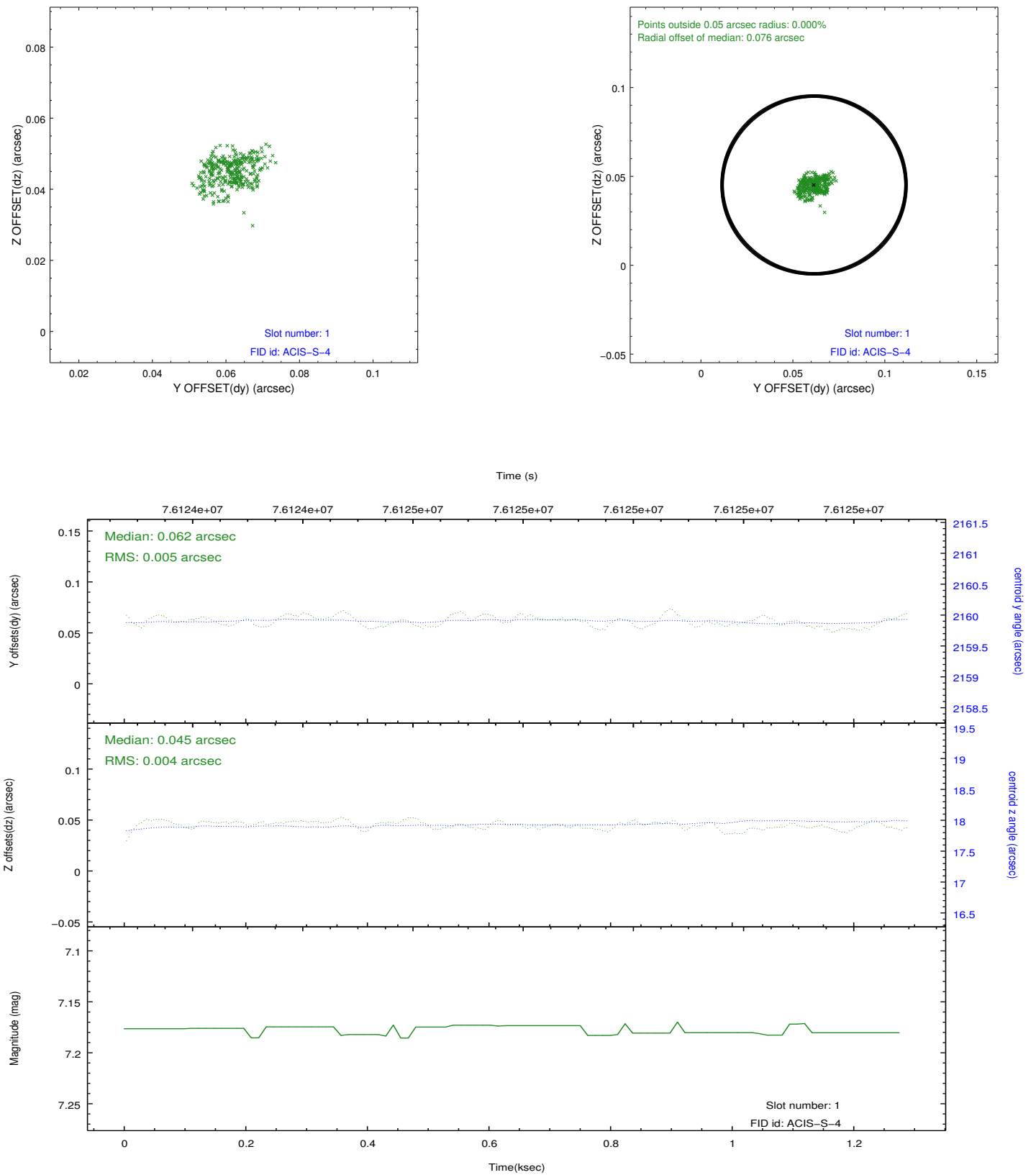


## 2.5 FID Slots

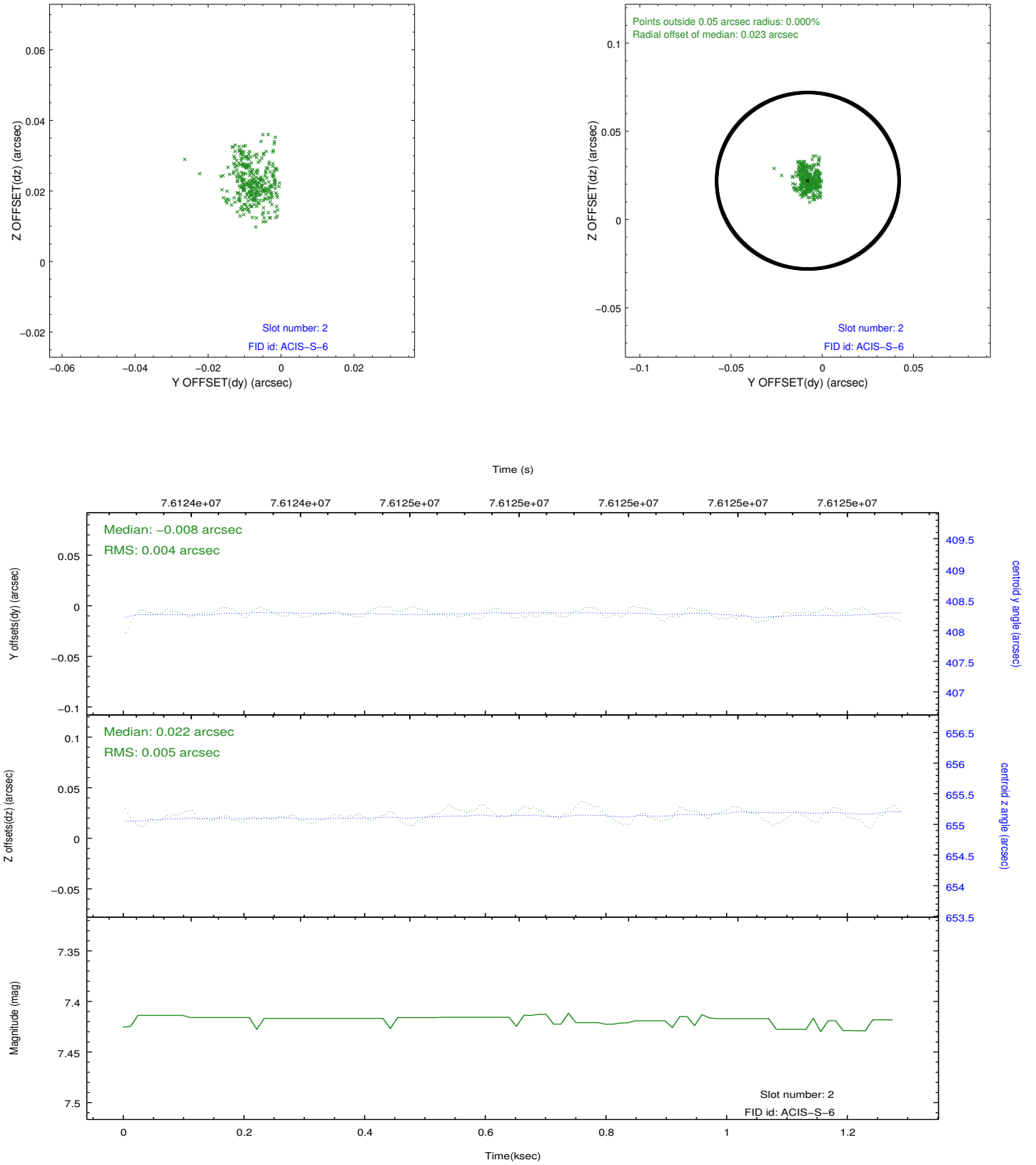
### 2.5.1 Slot 0



## 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)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.286

### A.2 Comments