

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 8138 - L2 Version 3  
Chandra X-Ray Center

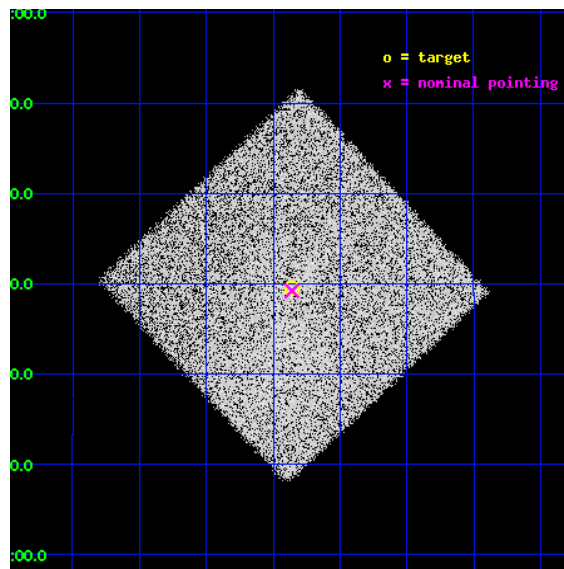
L2 Processing Date : Aug 12 2012

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# 1 Front

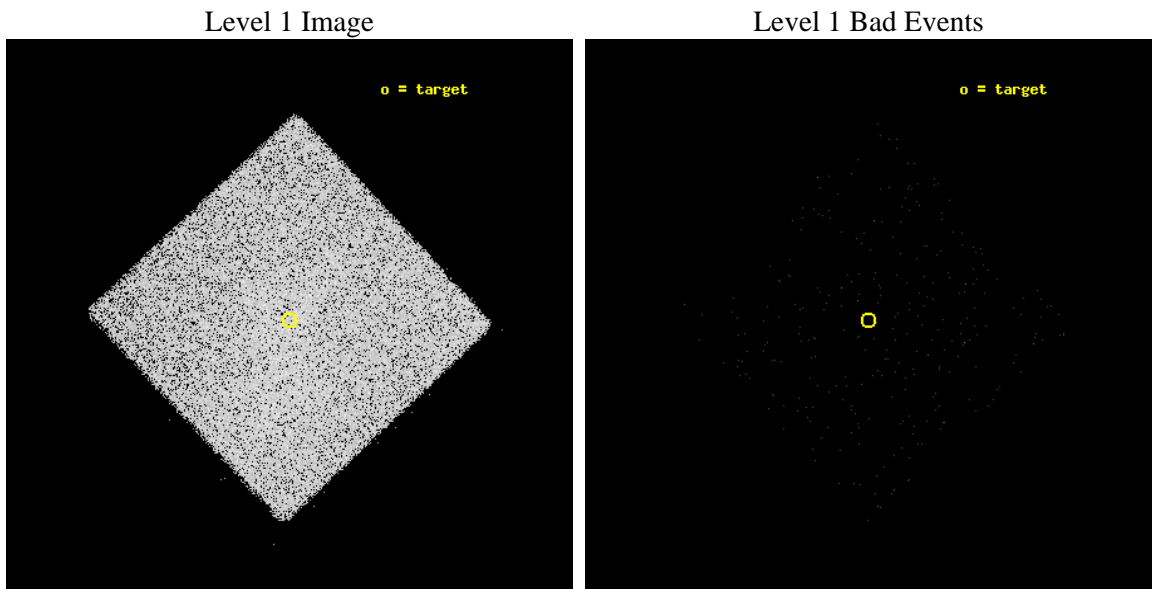
seq_num	900679	Sequence number
obs_id	8138	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	&#160
observer	Dr. Stephen Murray	Principal investigator
object	AX J185551+0129	Source name
ra_targ	283.965833	Observer's specified target RA [deg]
dec_targ	1.491	Observer's specified target Dec [deg]
ra_nom	283.96488566963	Nominal RA [deg]
dec_nom	1.4866466125438	Nominal Dec [deg]
roll_nom	271.87885150201	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.5813058615	[s]
livetime	1149.5647783374	Ontime multiplied by DTCOR
l2events	72723	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1161.5813058615	[s]
caldbver	4.5.1.1	&#160	l1events	180724	Number of level 1 events
date	2012-08-12T05:35:02	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

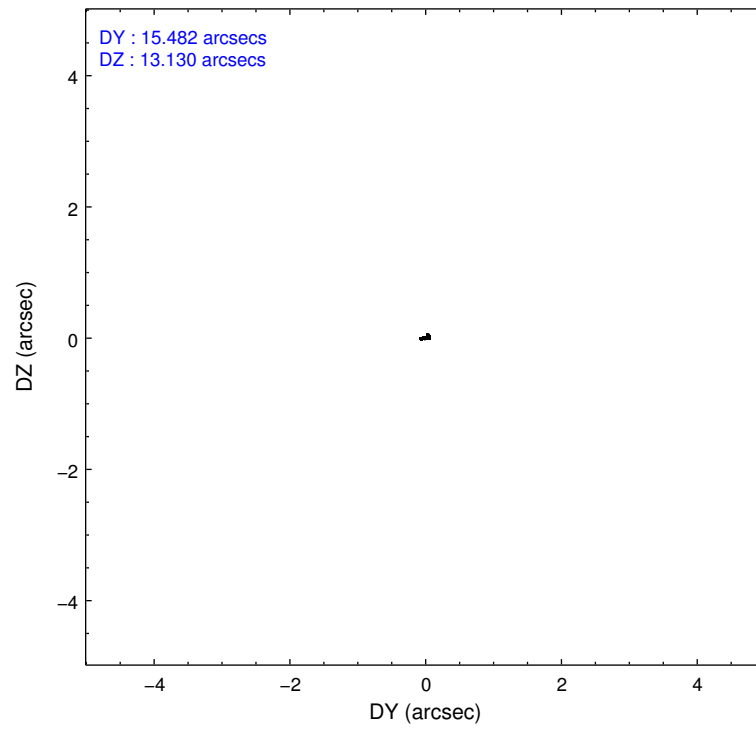
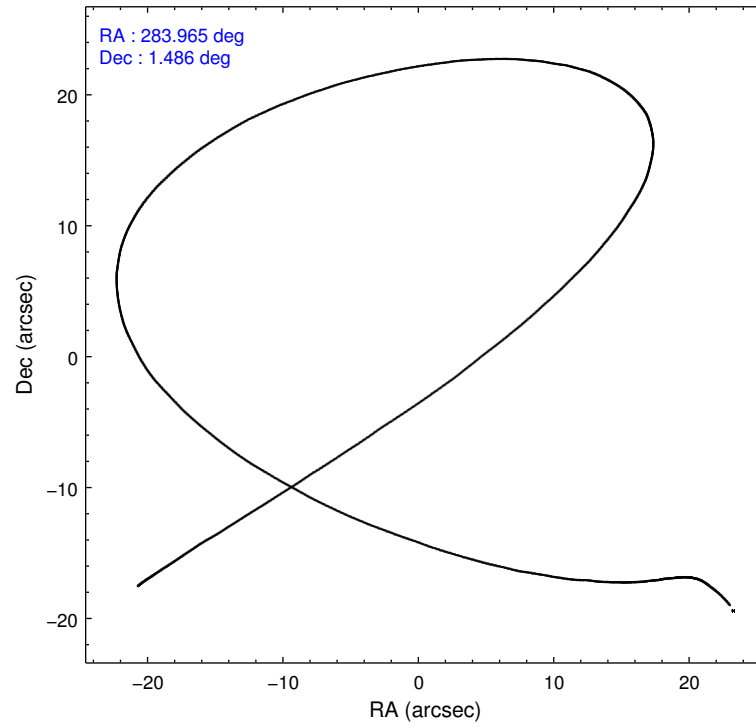
	<b>segment 0</b>
level 1 events	180724
rejected events	75583
rejected %	41%

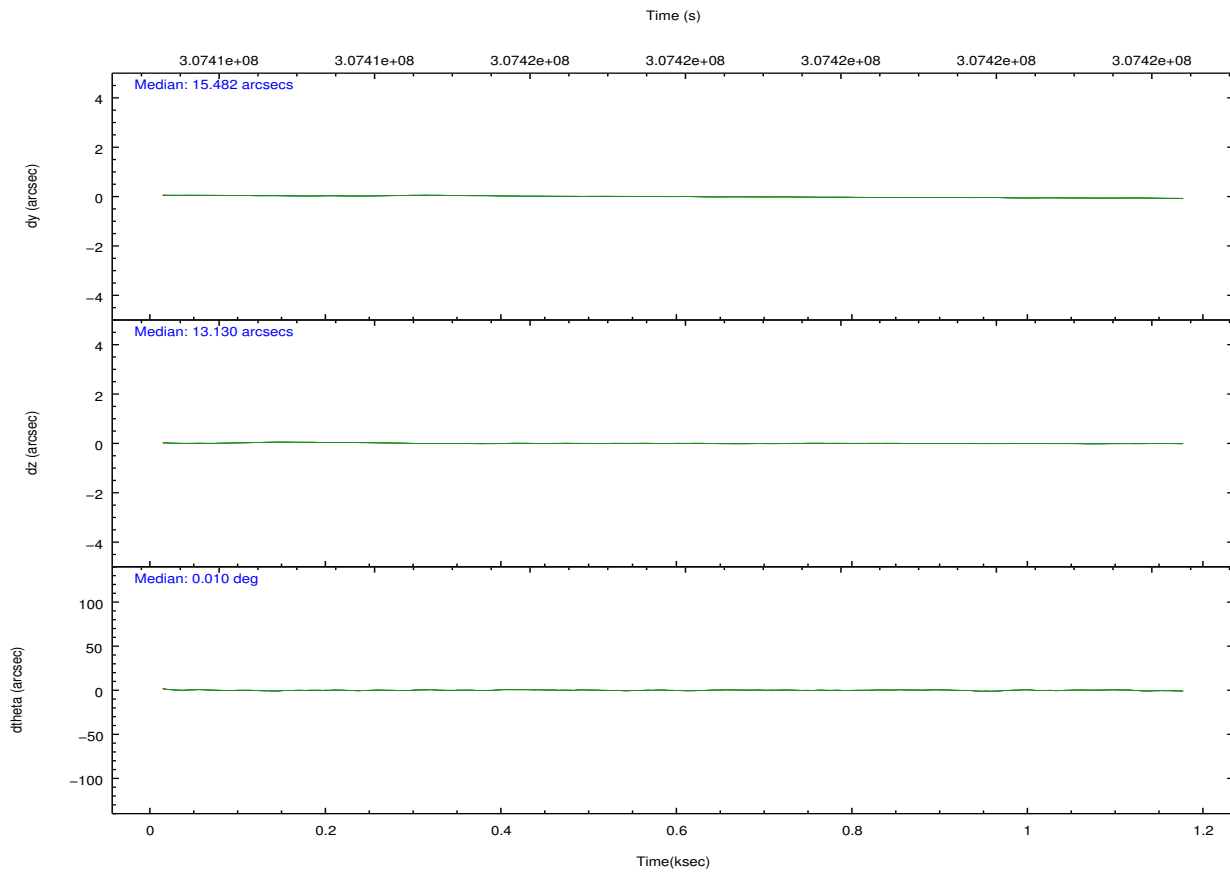
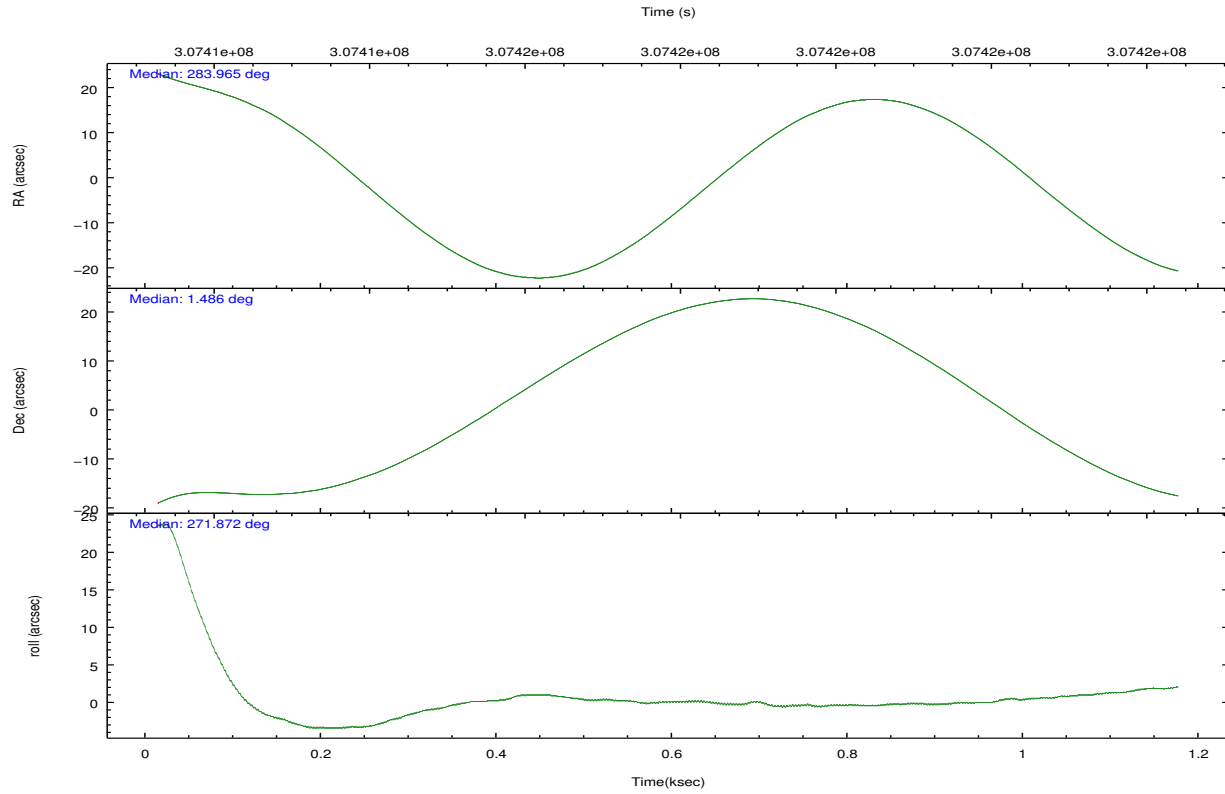
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	283.949503	283.9648856696291
[deg] Pointing Dec	1.509776	1.48664661254378
[deg] Pointing Roll	271.974484	271.8788515020073
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	307414770.184000	307413784.97336
Observation start date	2007-09-29T00:58:25	2007-09-29T00:43:04
[s] Observation end time (MET)	307415770.184000	307416572.46099
Observation end date	2007-09-29T01:15:05	2007-09-29T01:29:32

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





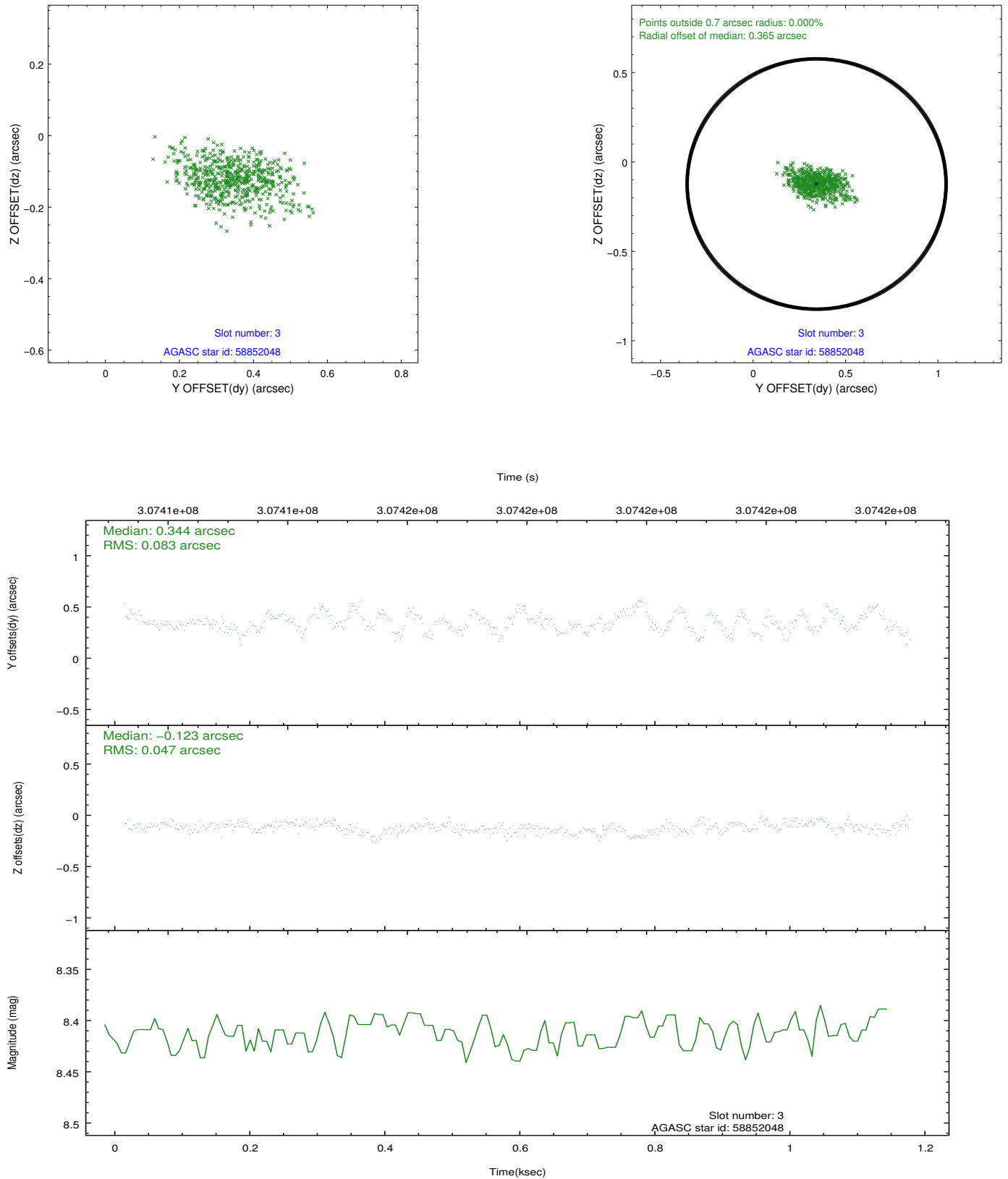
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	284	-0.053	0.036	0.007	0.011	0.000000	0.000000	-771.37	-1301.11
1	FID	HRC-I-2	7.01	284	0.201	-0.123	0.005	0.010	0.000000	0.000000	838.79	-1307.45
2	FID	HRC-I-3	7.07	284	-0.030	-0.002	0.006	0.011	0.000000	0.000000	-1196.84	998.82
3	GUIDE	58852048	8.41	567	0.344	-0.123	0.100	0.173	283.366398	0.870285	2227.93	-2178.41
4	GUIDE	58851592	8.02	568	-0.107	-0.032	0.068	0.113	283.282615	1.755471	-964.11	-2373.14
5	GUIDE	58853136	7.43	568	0.038	0.134	0.076	0.119	284.607098	1.198128	1199.67	2321.48
6	GUIDE	59377960	7.65	568	-0.158	-0.006	0.068	0.106	283.627467	1.897490	-1433.38	-1107.42
7	GUIDE	59376240	7.27	567	-0.121	0.035	0.066	0.107	283.651753	1.887471	-1399.35	-1027.39

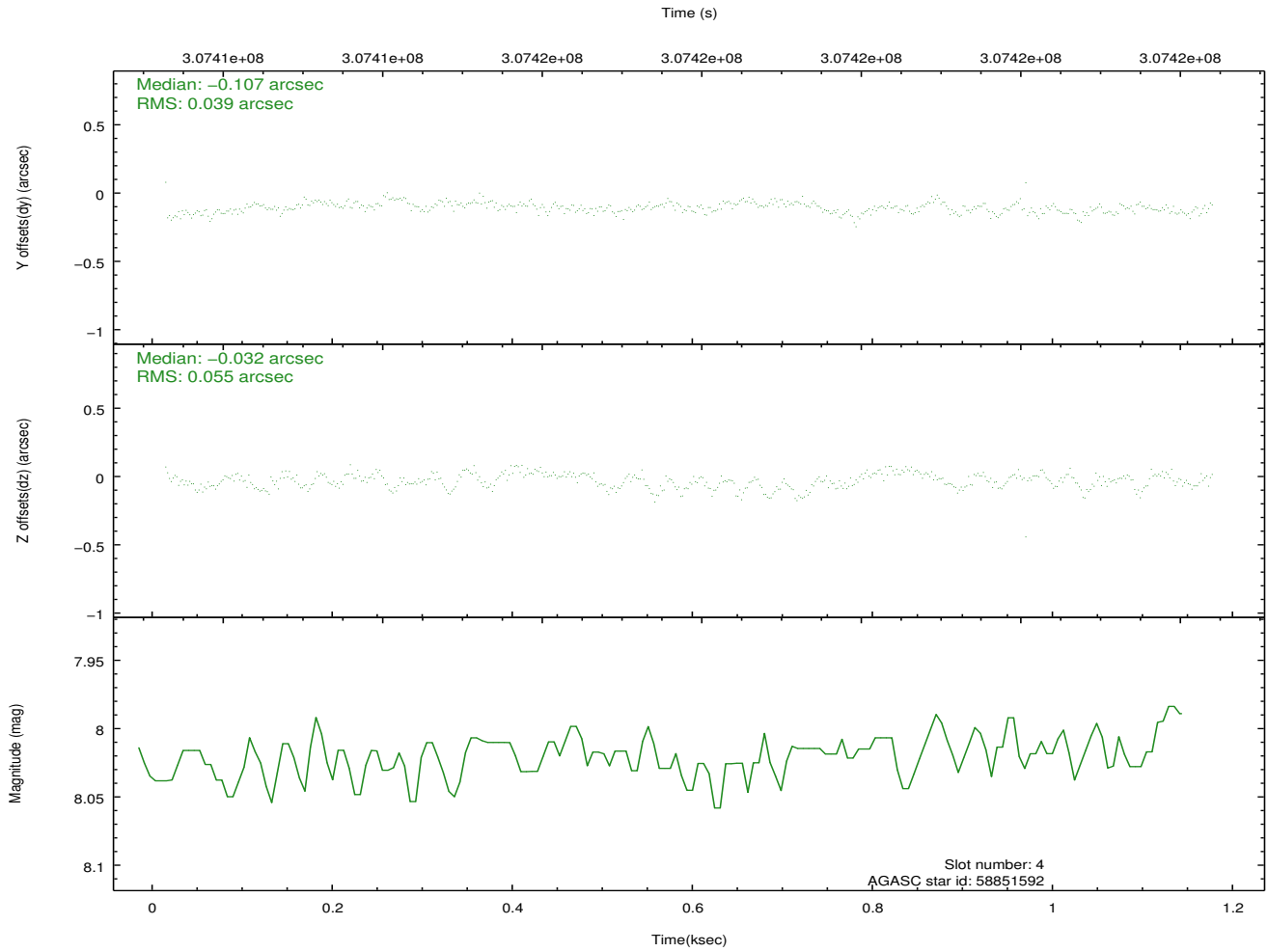
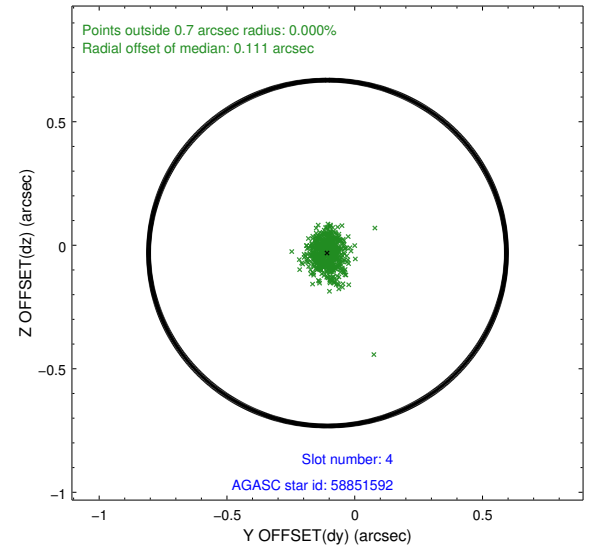
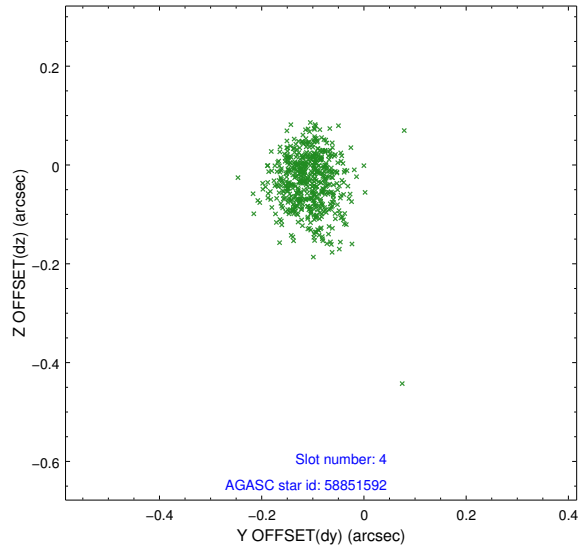


## 2.4 Star Slots

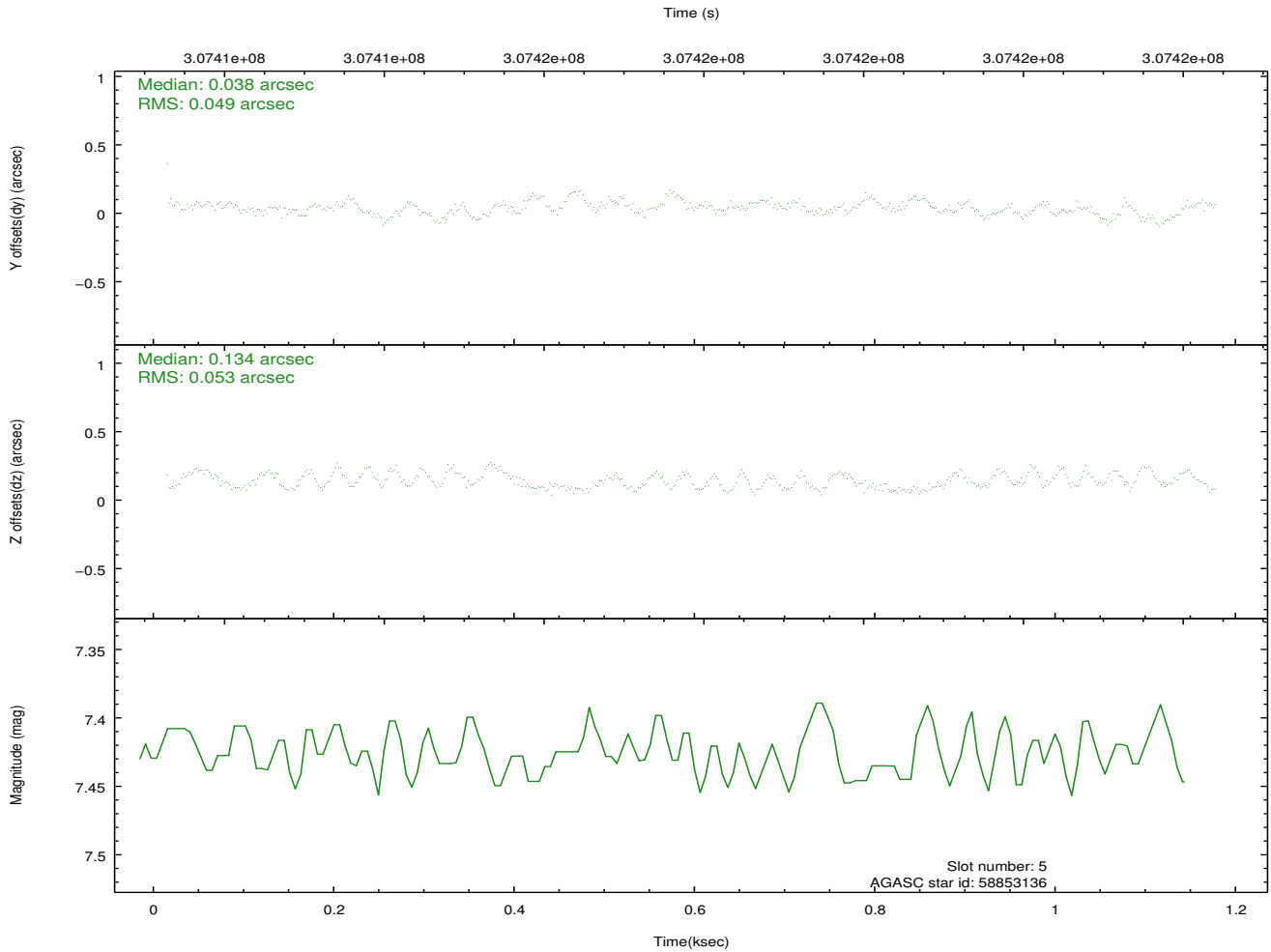
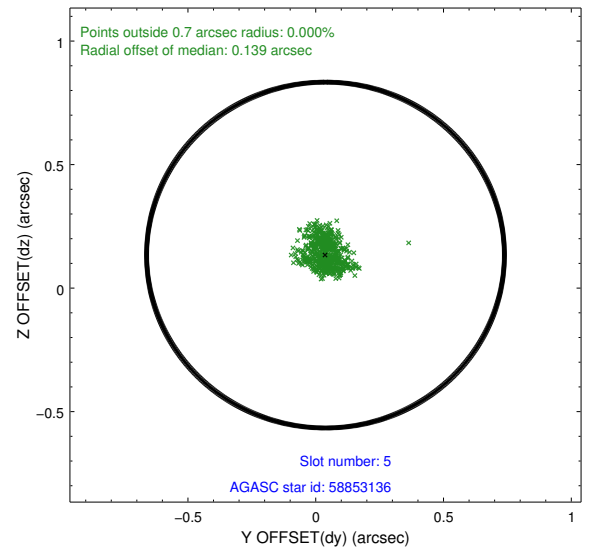
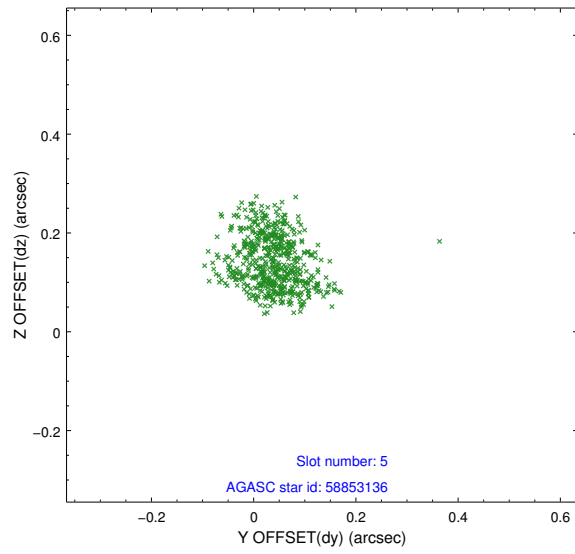
### 2.4.1 Slot 3



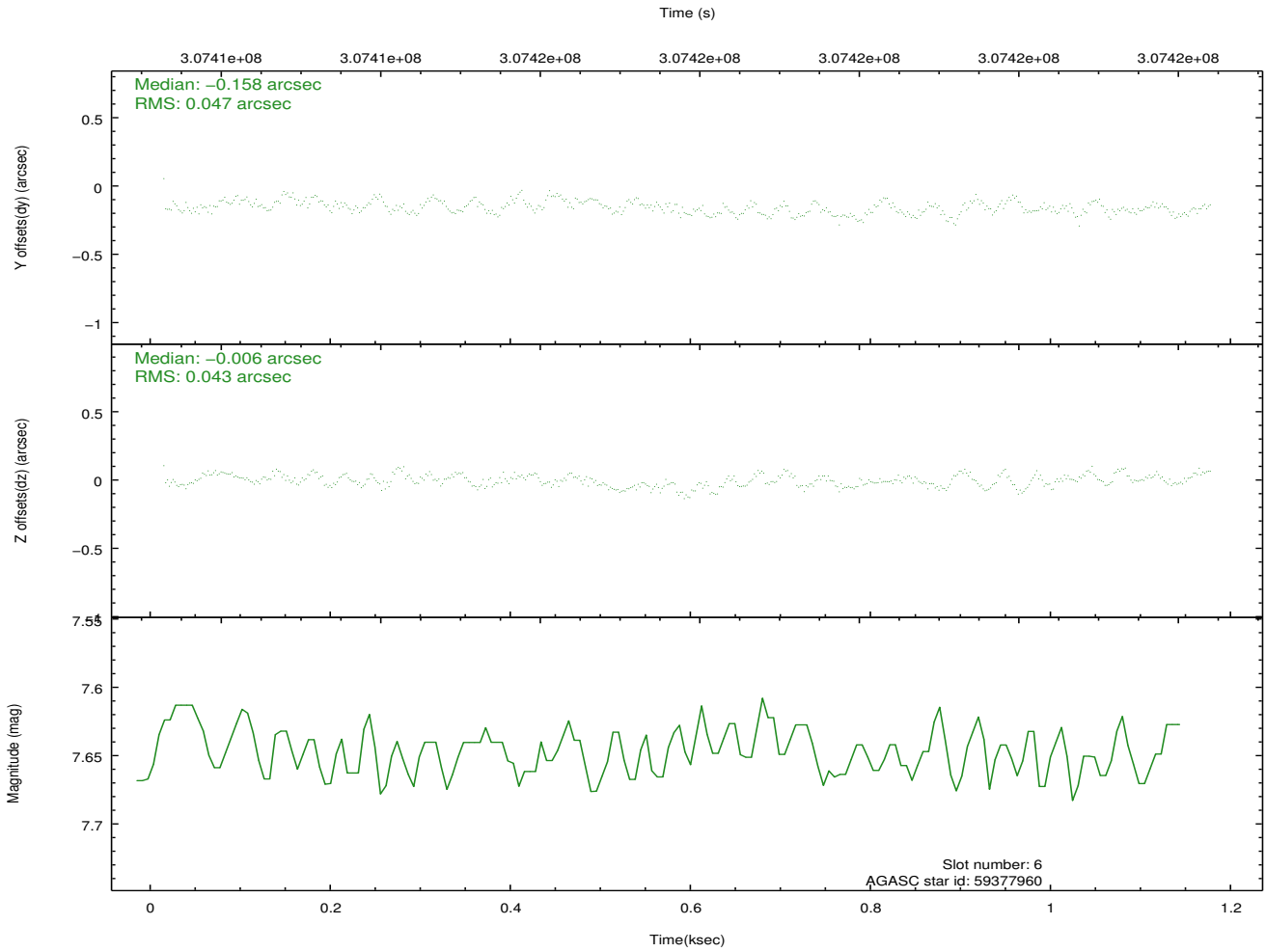
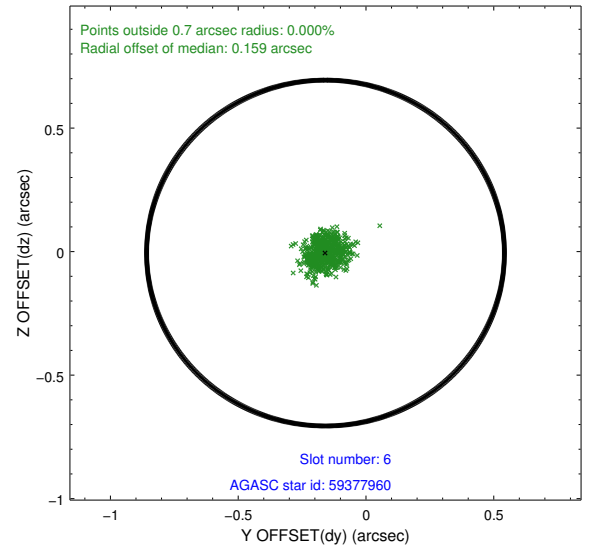
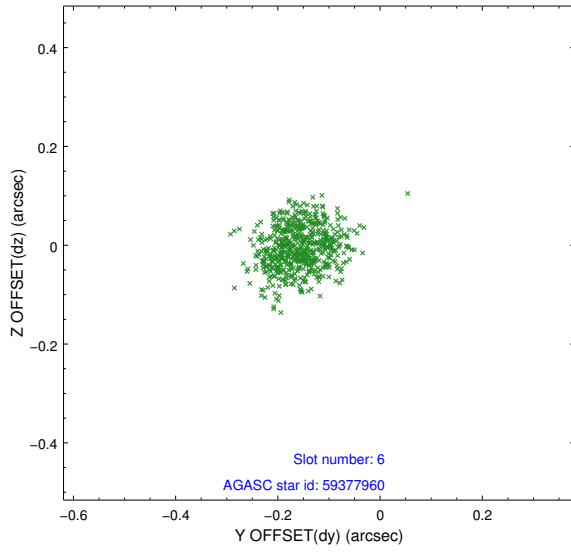
## 2.4.2 Slot 4



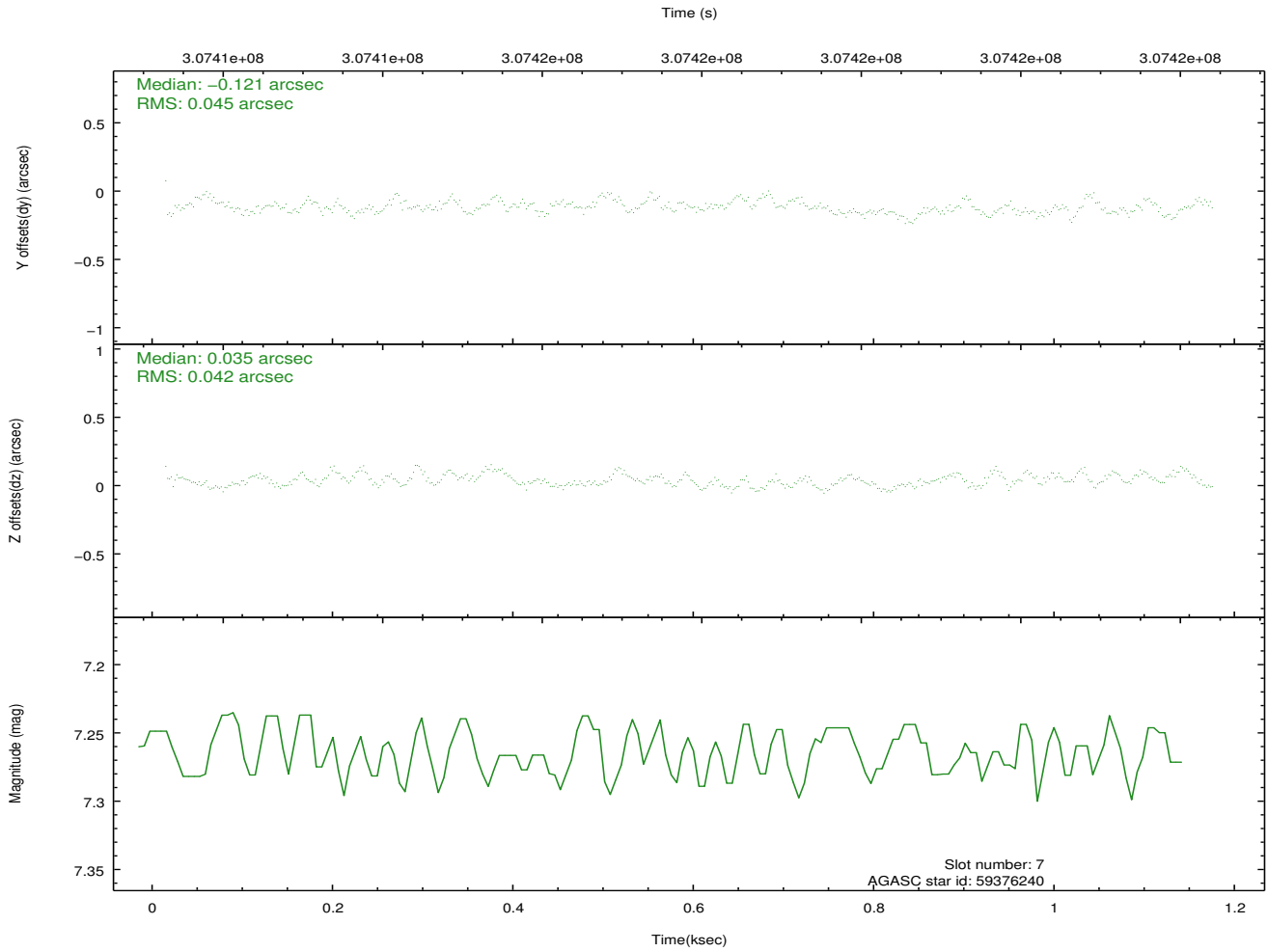
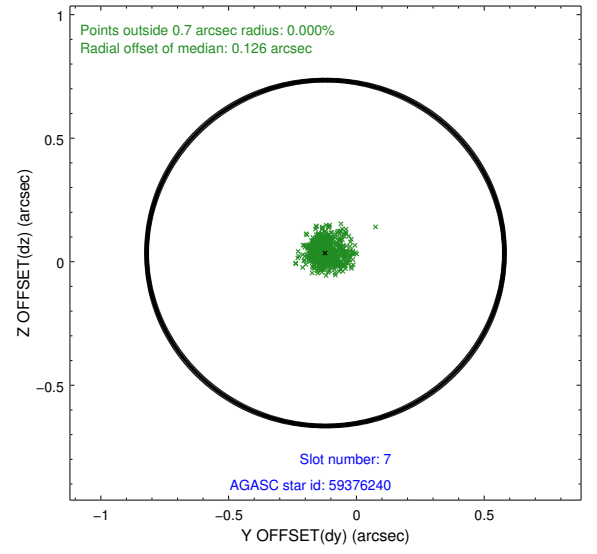
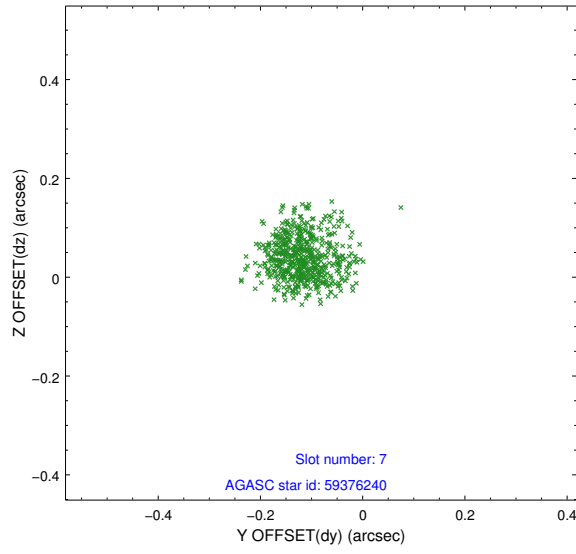
### 2.4.3 Slot 5



## 2.4.4 Slot 6

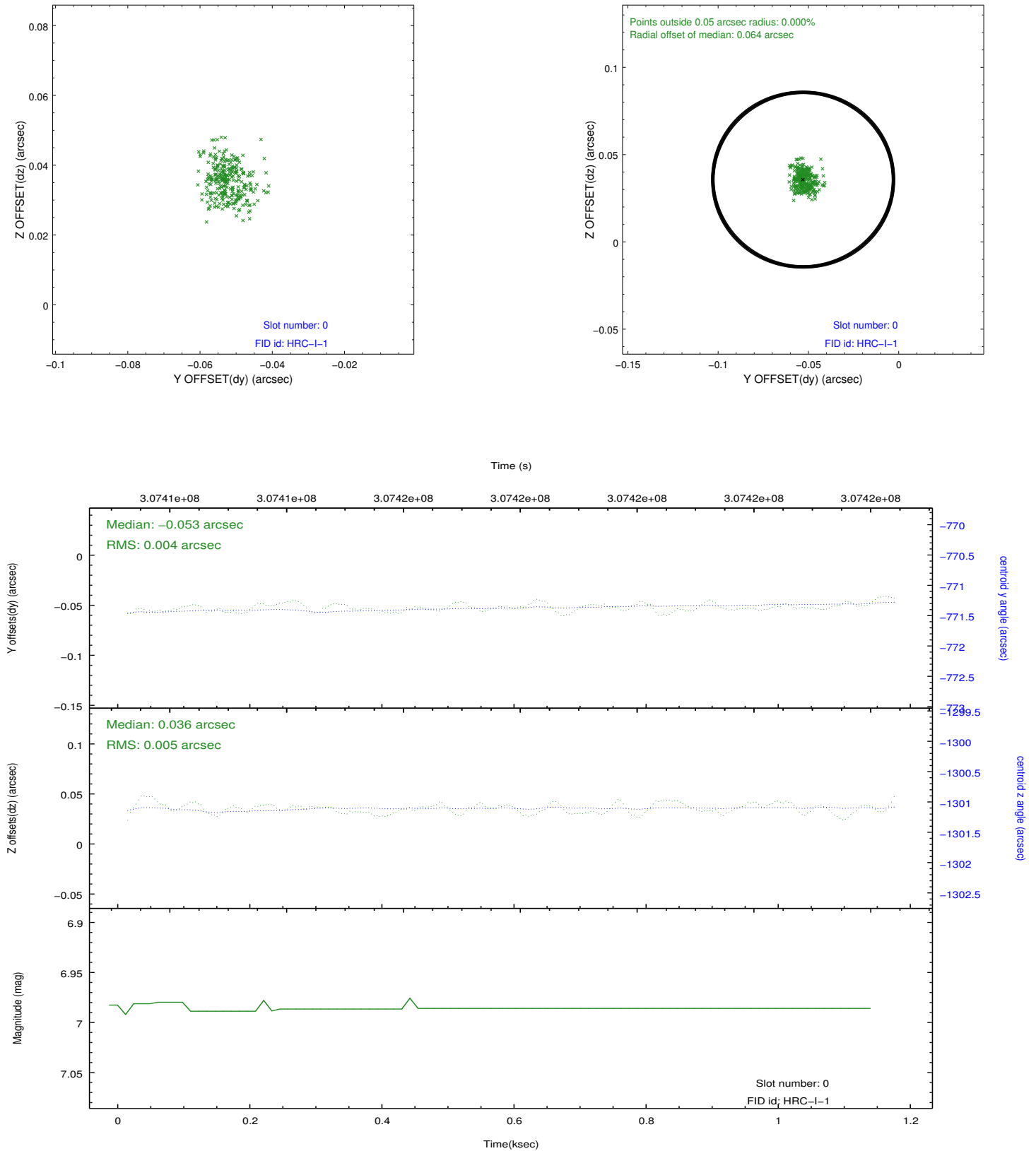


## 2.4.5 Slot 7

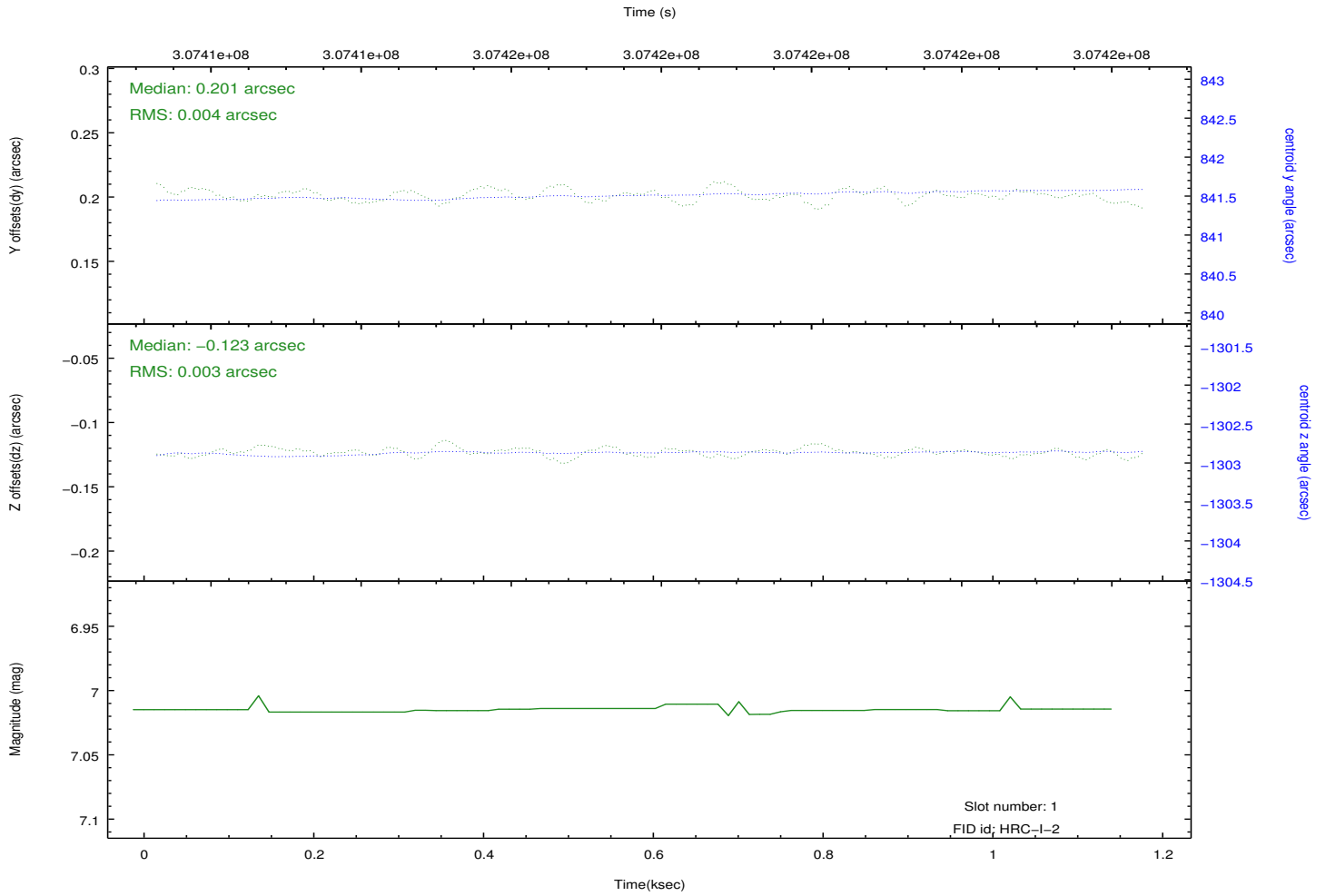
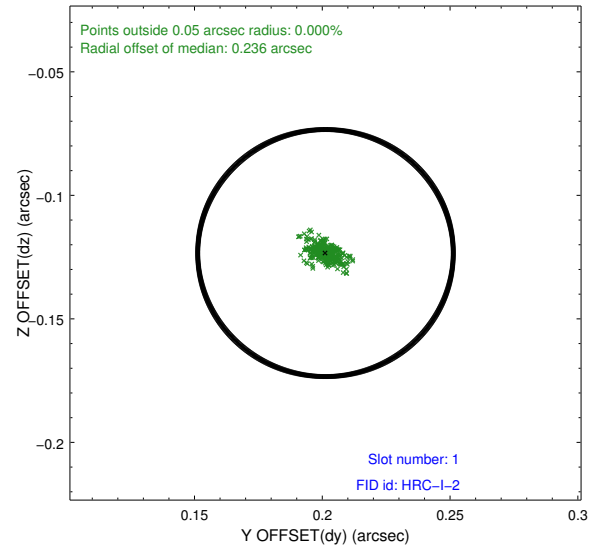
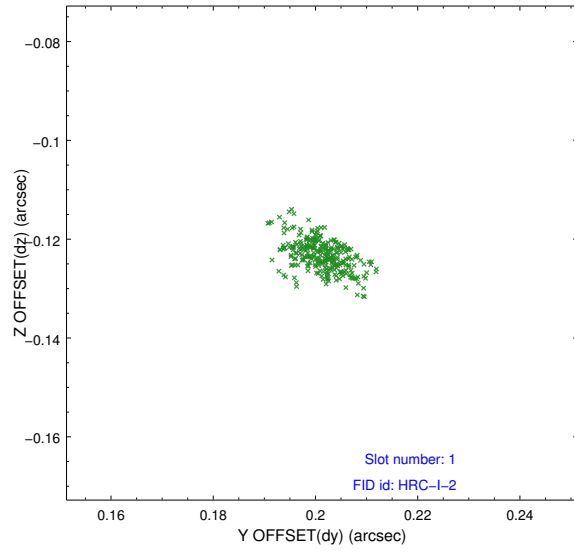


## 2.5 FID Slots

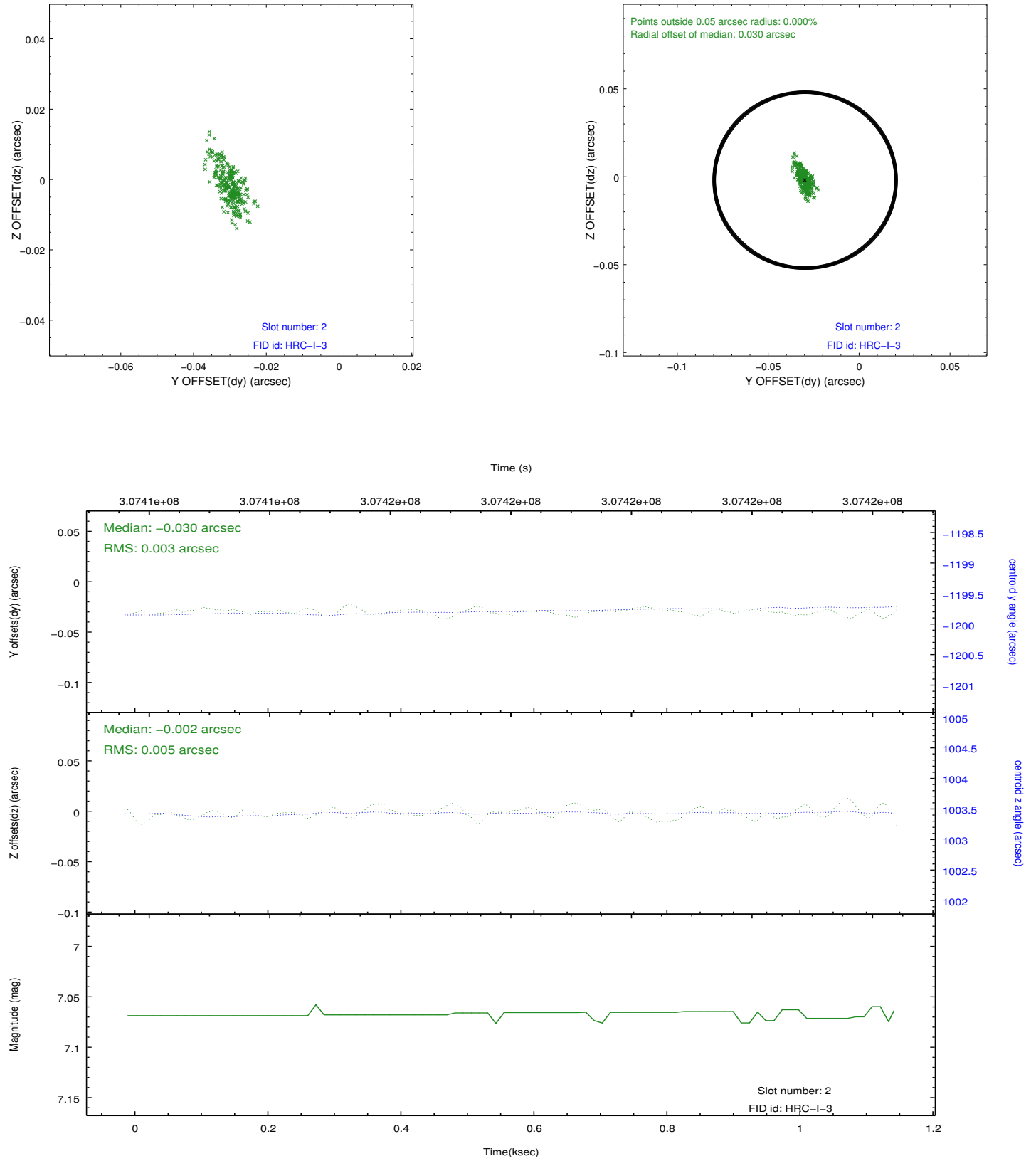
### 2.5.1 Slot 0



## 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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1615813

### A.2 Comments