

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7399 - L2 Version 4  
Chandra X-Ray Center

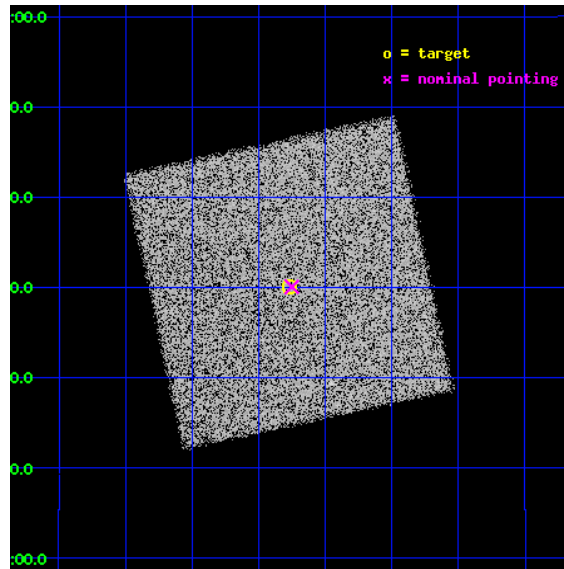
L2 Processing Date : Aug 11 2012

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# 1 Front

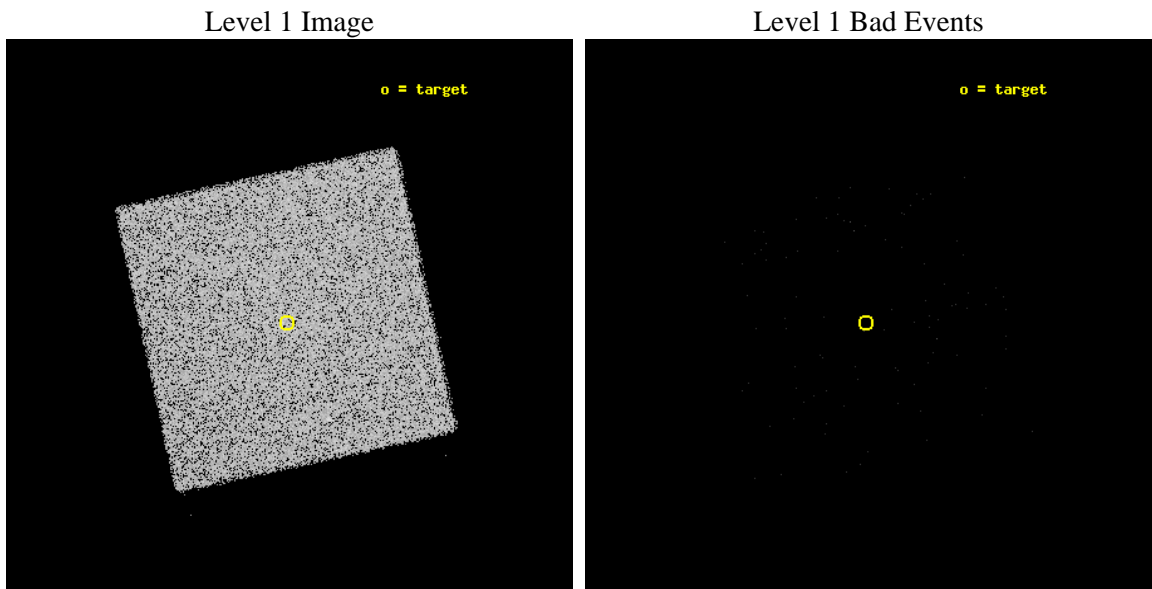
seq_num	400572	Sequence number
obs_id	7399	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J19308+0530	Source name
ra_targ	292.692083	Observer's specified target RA [deg]
dec_targ	5.501944	Observer's specified target Dec [deg]
ra_nom	292.68753936735	Nominal RA [deg]
dec_nom	5.5010933425772	Nominal Dec [deg]
roll_nom	212.77746243104	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1140.8250547647	[s]
livetime	1129.288219629	Ontime multiplied by DTCOR
l2events	68277	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1140.8250547647	[s]
caldbver	4.5.1.1	&#160	l1events	193634	Number of level 1 events
date	2012-08-11T23:35:58	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

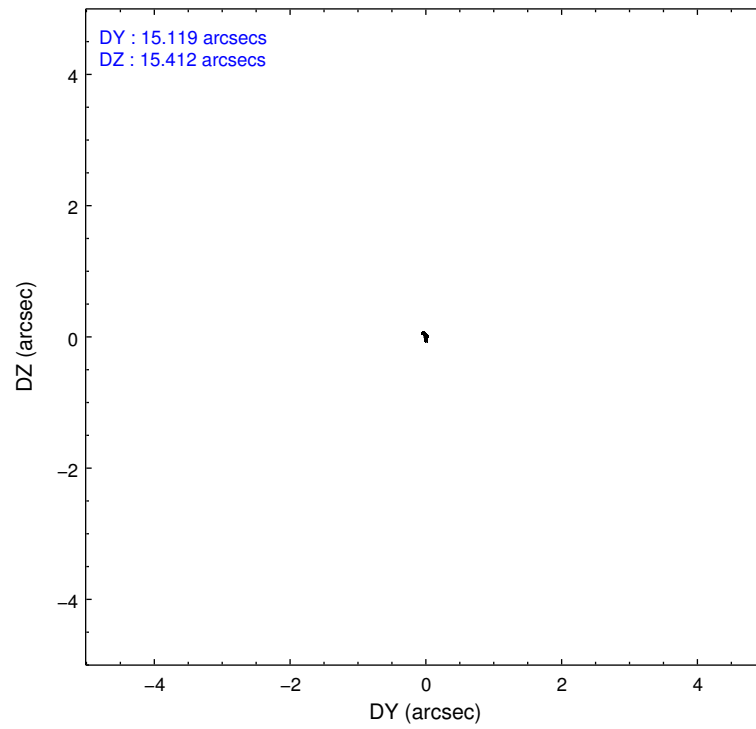
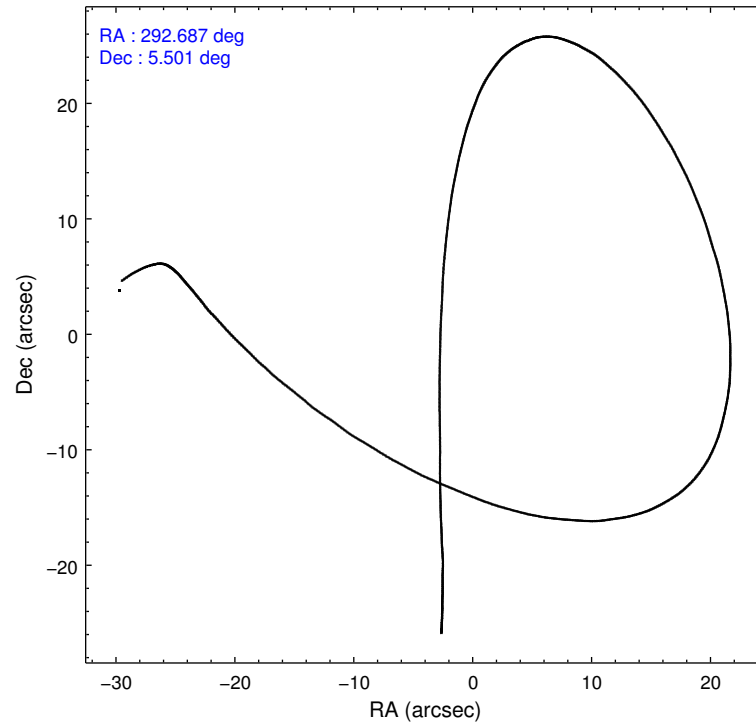
	<b>segment 0</b>
level 1 events	193634
rejected events	93772
rejected %	48%

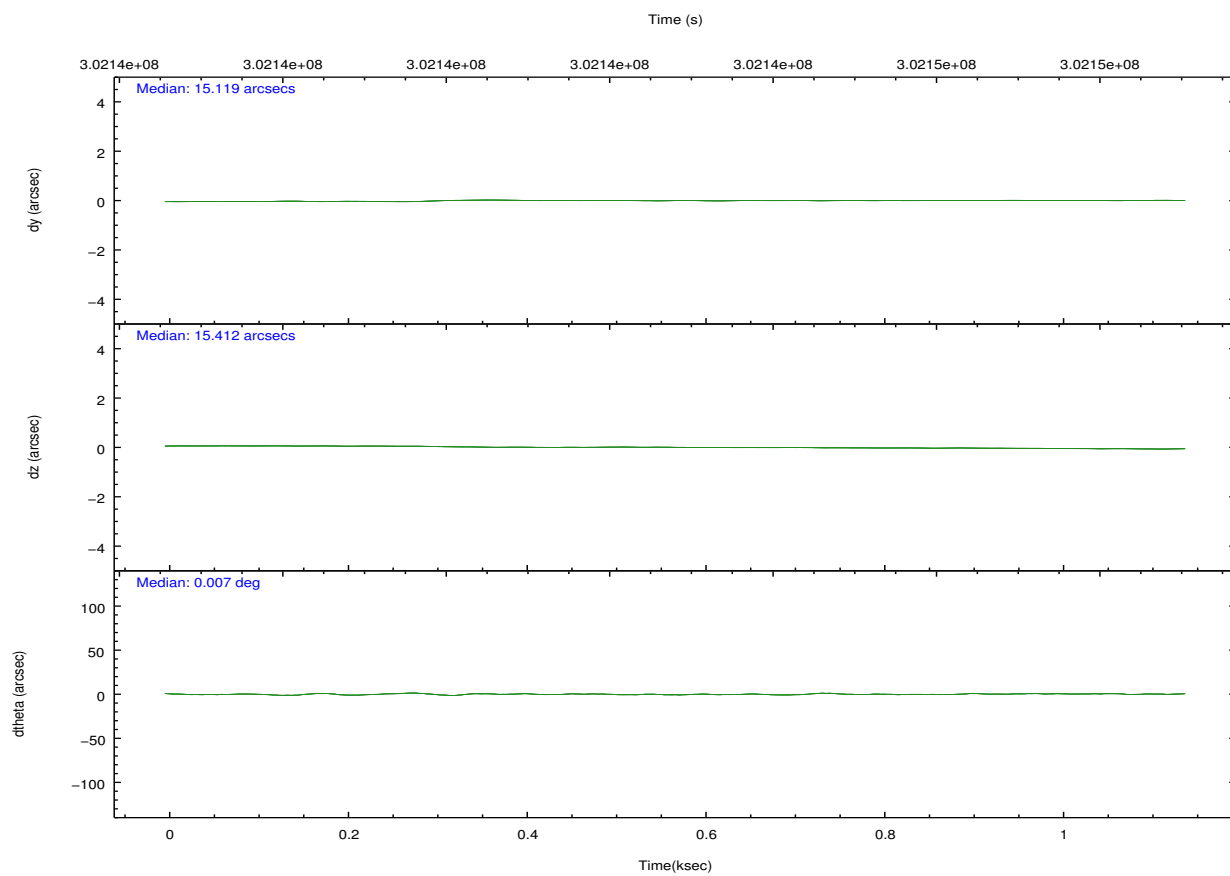
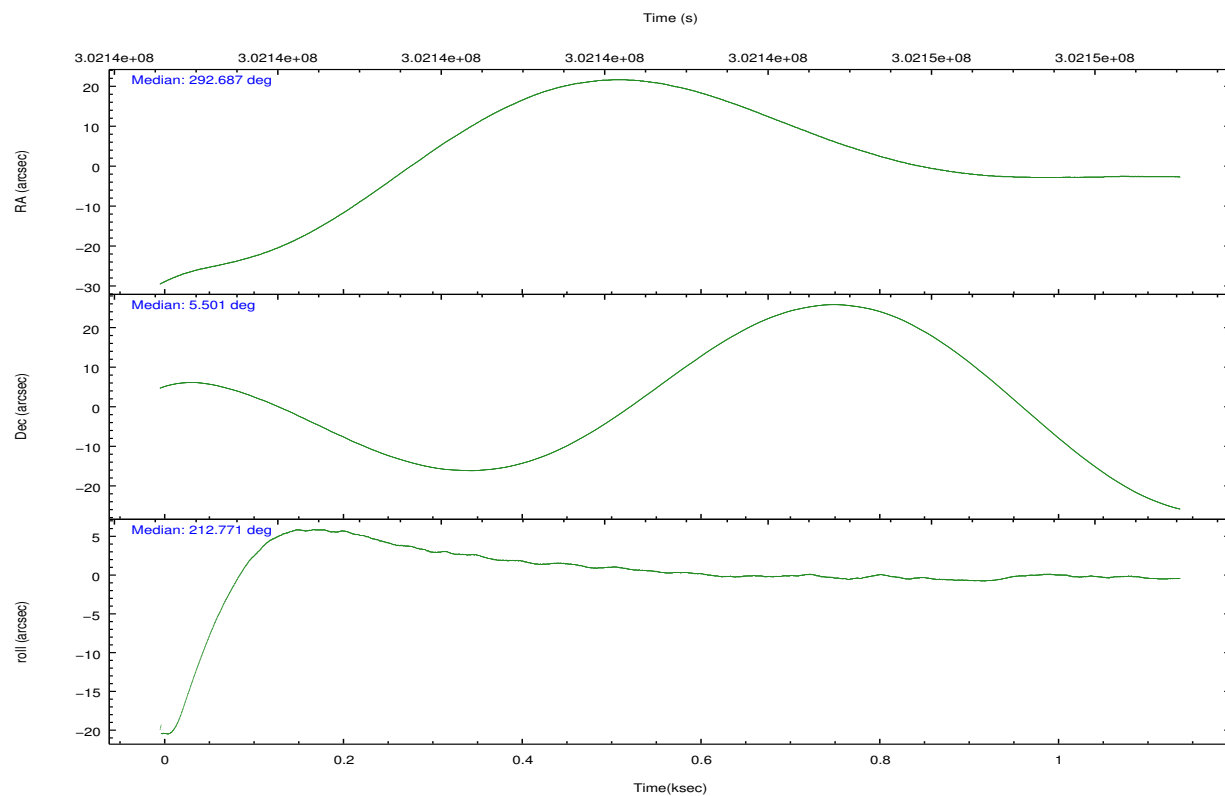
## 2.2 Compared Parameters

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	292.699855	292.6875393673483
[deg] Pointing Dec	5.525596	5.501093342577242
[deg] Pointing Roll	212.872056	212.7774624310379
[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)	302144456.184000	302143224.46999
Observation start date	2007-07-30T00:59:51	2007-07-30T00:40:24
[s] Observation end time (MET)	302145456.184000	302146317.92014
Observation end date	2007-07-30T01:16:31	2007-07-30T01:31:57

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

## 2.3 Aspect





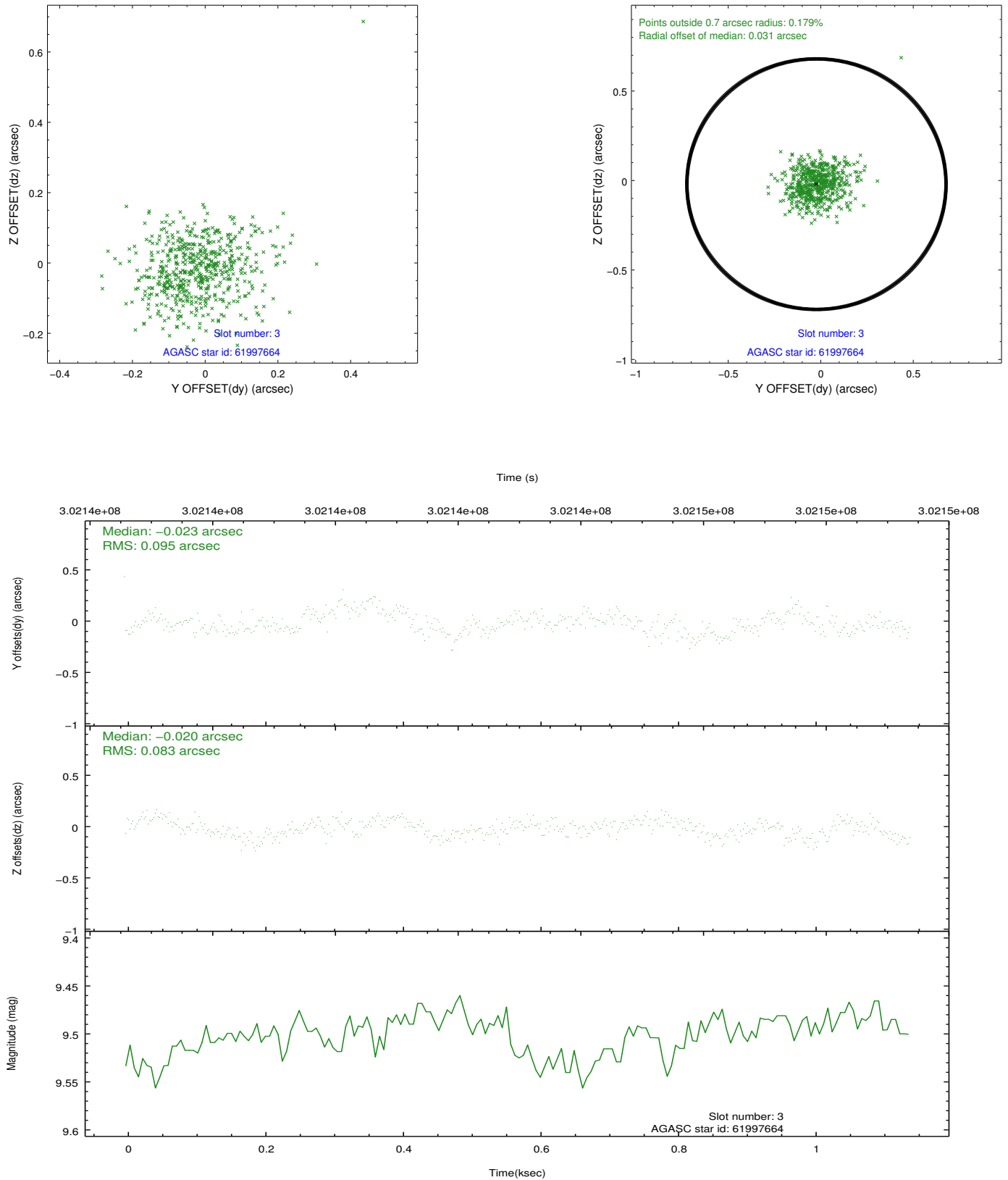
### Slot Statistics

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	279	-0.082	-0.011	0.007	0.012	0.000000	0.000000	-770.95	-1303.54
1	FID	HRC-I-2	7.03	279	0.198	-0.077	0.006	0.010	0.000000	0.000000	839.19	-1309.80
2	FID	HRC-I-3	7.08	279	0.003	-0.002	0.006	0.011	0.000000	0.000000	-1196.42	996.32
3	GUIDE	61997664	9.50	558	-0.023	-0.020	0.128	0.216	292.169755	5.437544	1767.06	-764.40
4	GUIDE	63702416	7.85	558	-0.077	-0.133	0.081	0.116	292.909907	5.021247	354.81	1932.96
5	GUIDE	63709736	9.67	554	-0.058	-0.020	0.139	0.226	292.561906	4.981844	1477.78	1379.79
6	GUIDE	63722800	8.37	558	0.105	0.138	0.075	0.132	293.017687	5.496715	-898.42	708.47
7	GUIDE	62005104	9.00	555	0.051	0.015	0.122	0.178	292.013337	5.347012	2412.63	-794.50

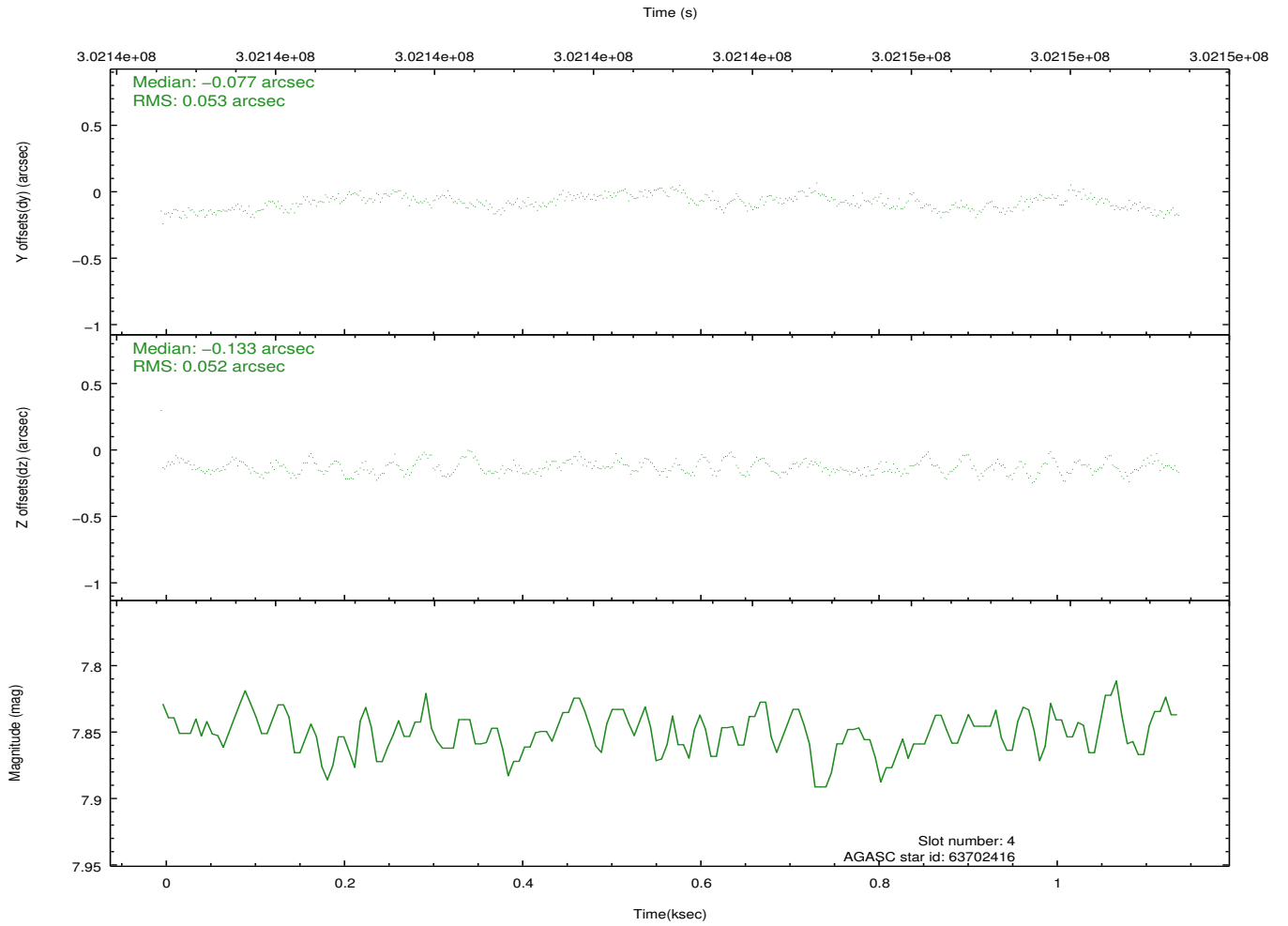
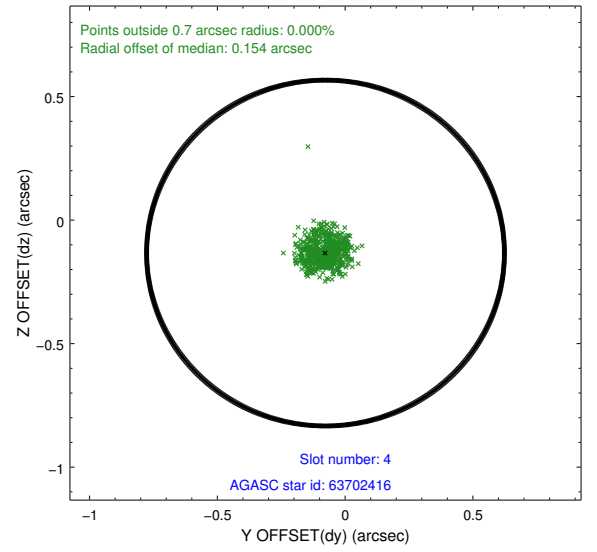
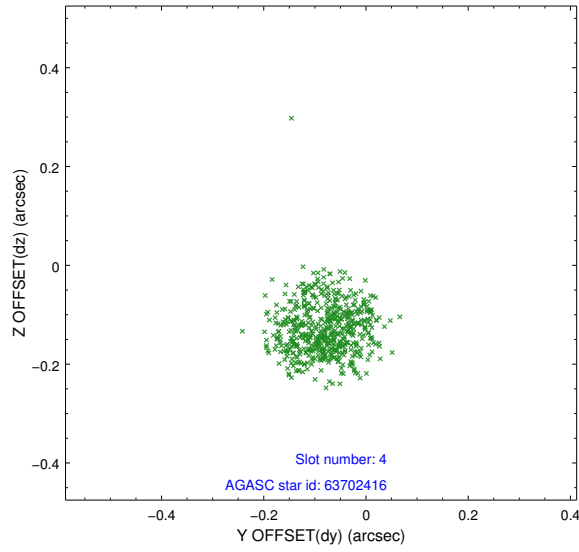


## 2.4 Star Slots

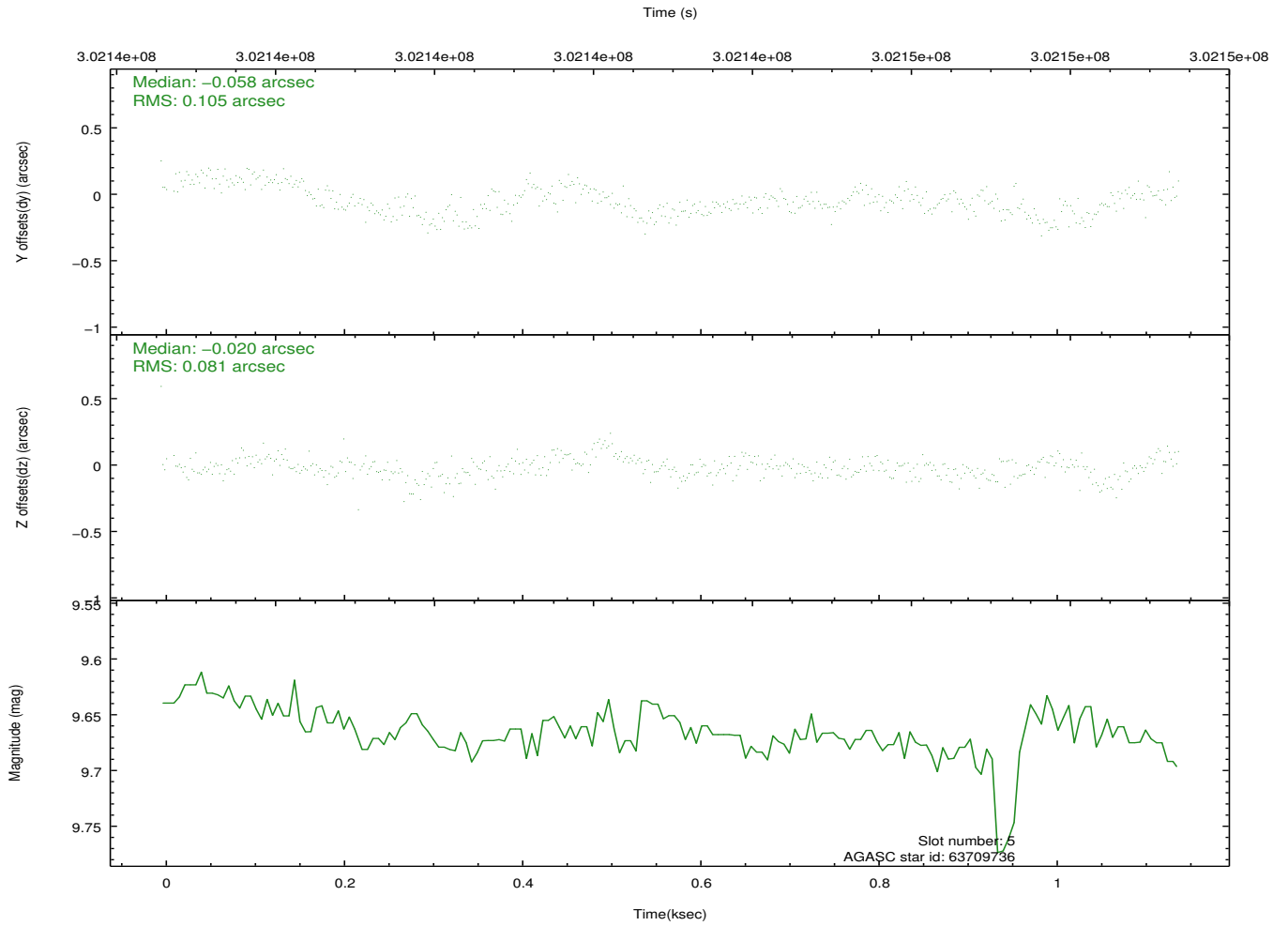
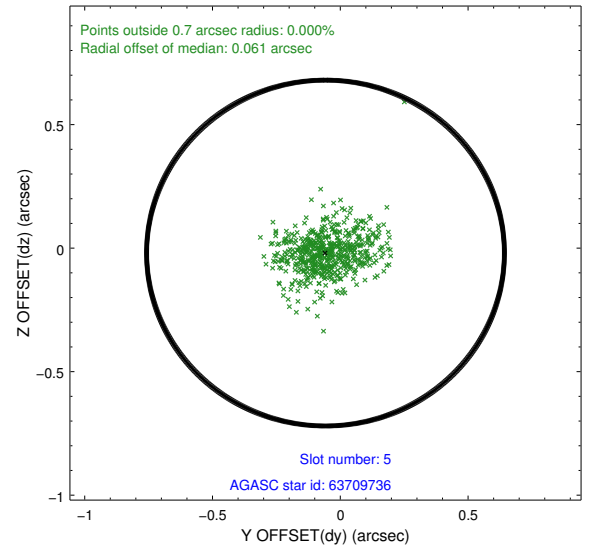
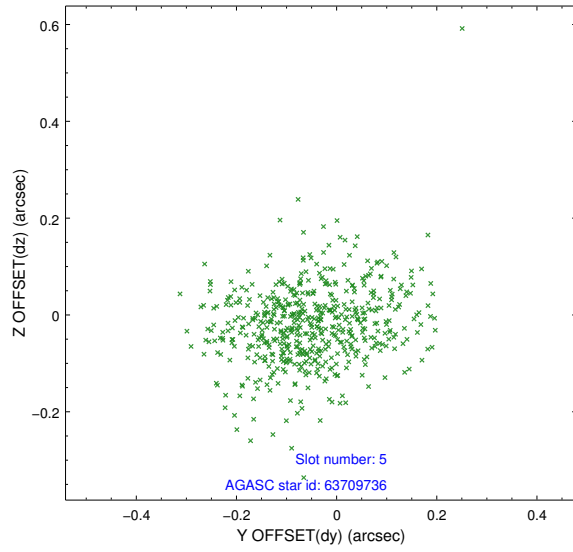
### 2.4.1 Slot 3



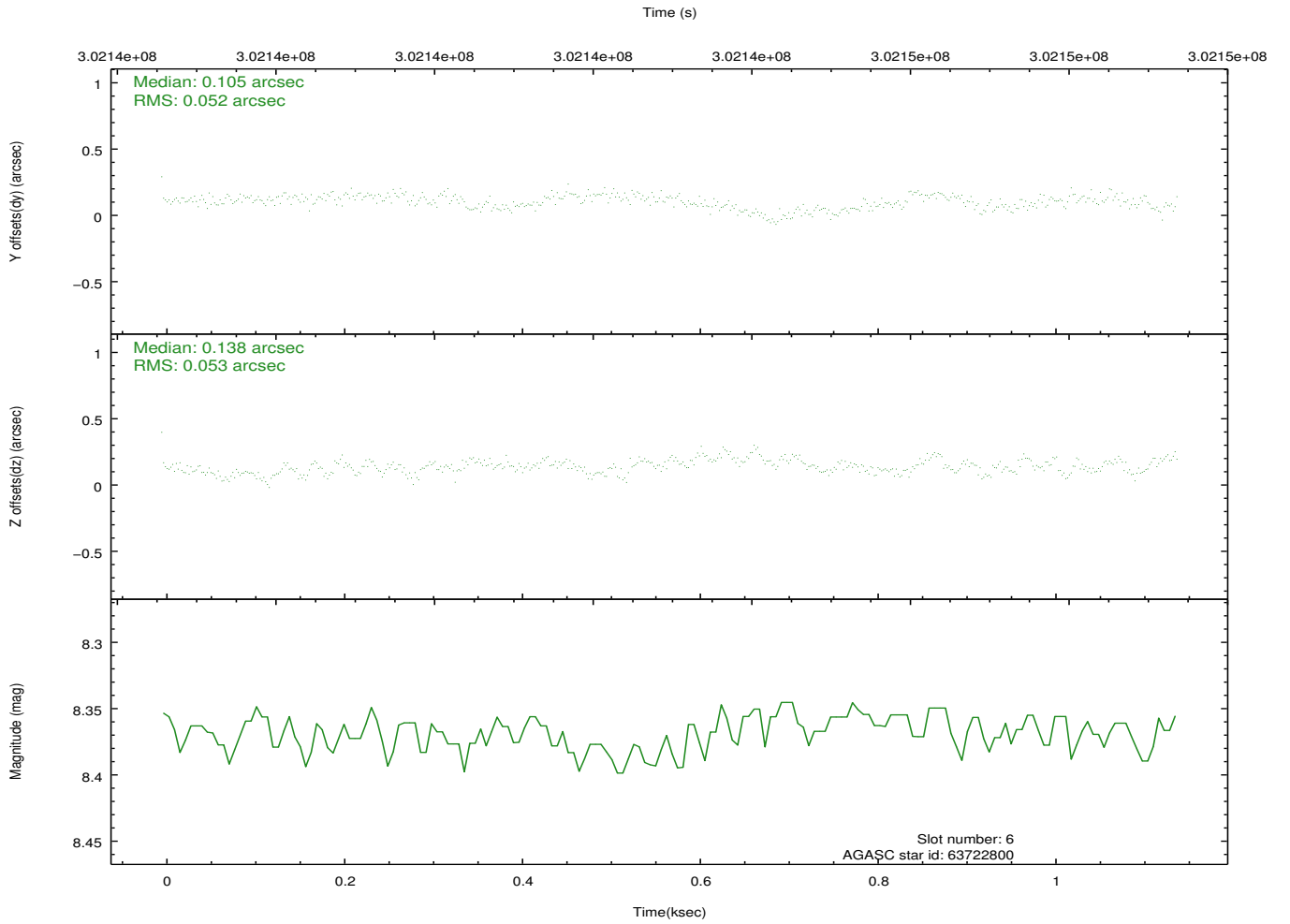
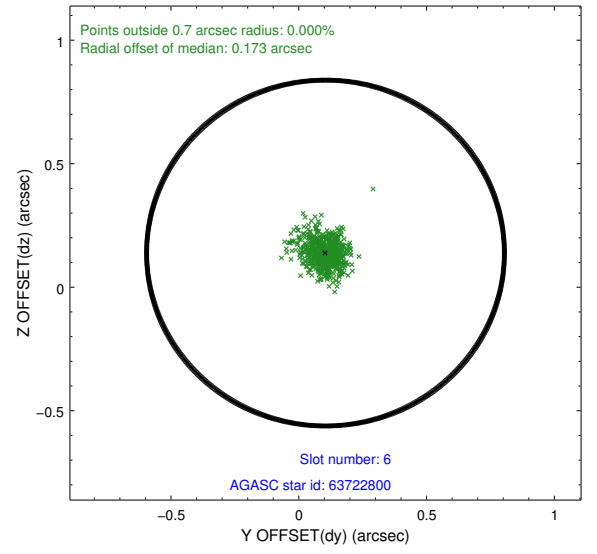
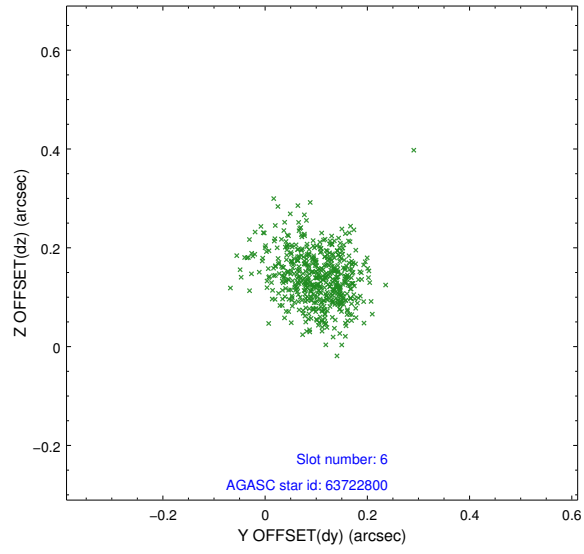
## 2.4.2 Slot 4



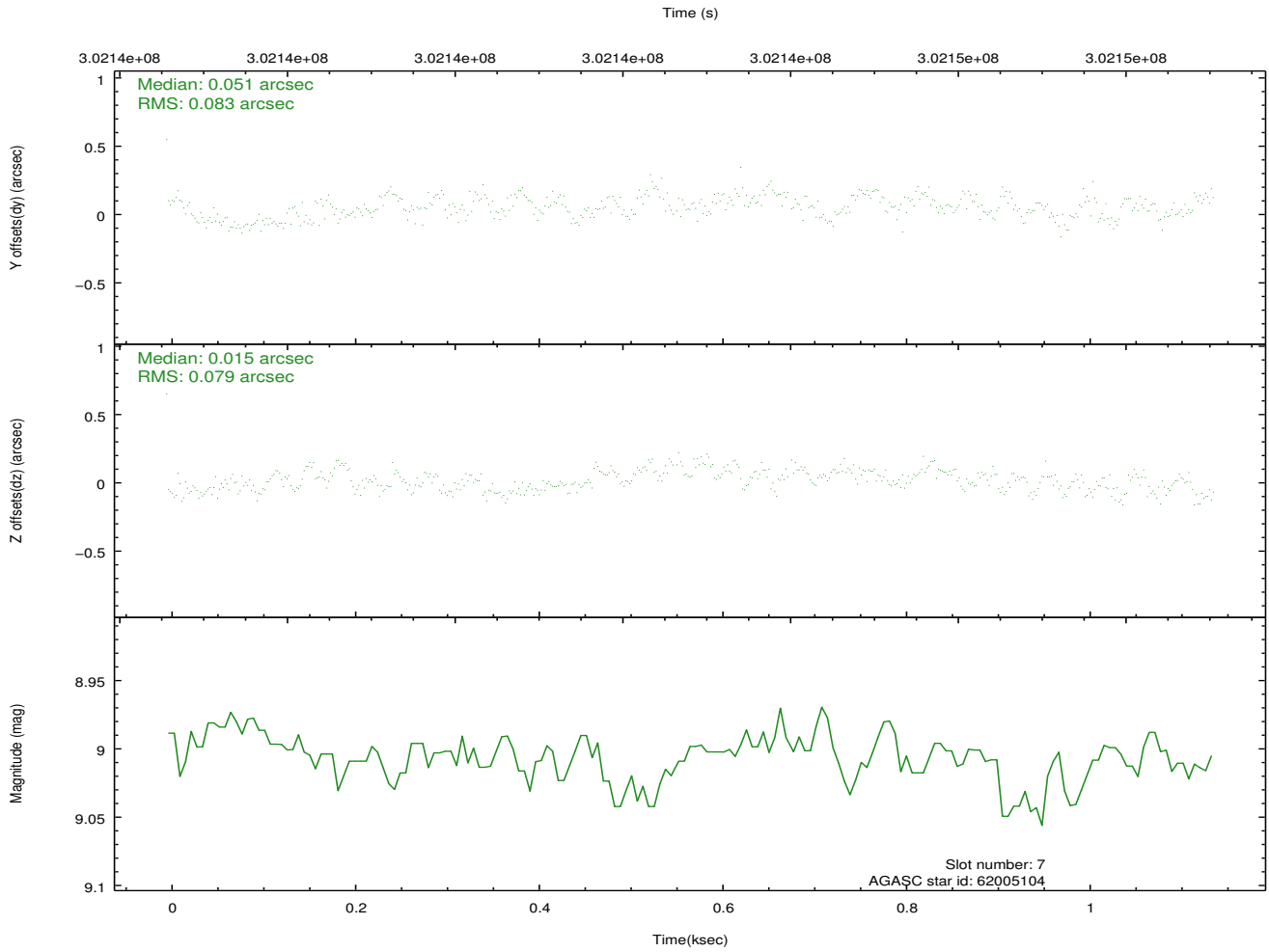
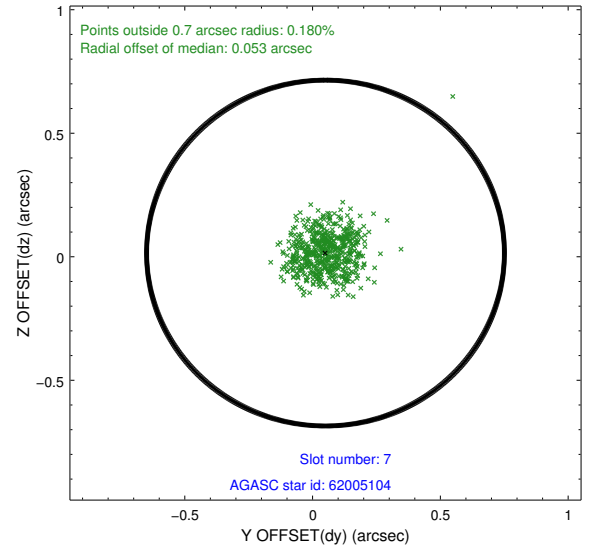
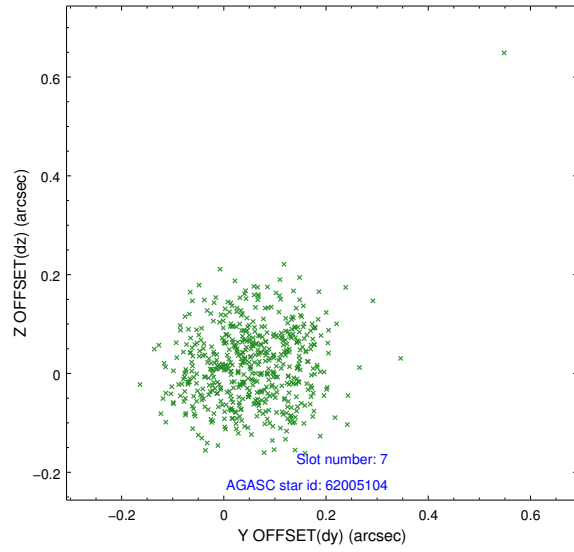
### 2.4.3 Slot 5



## 2.4.4 Slot 6

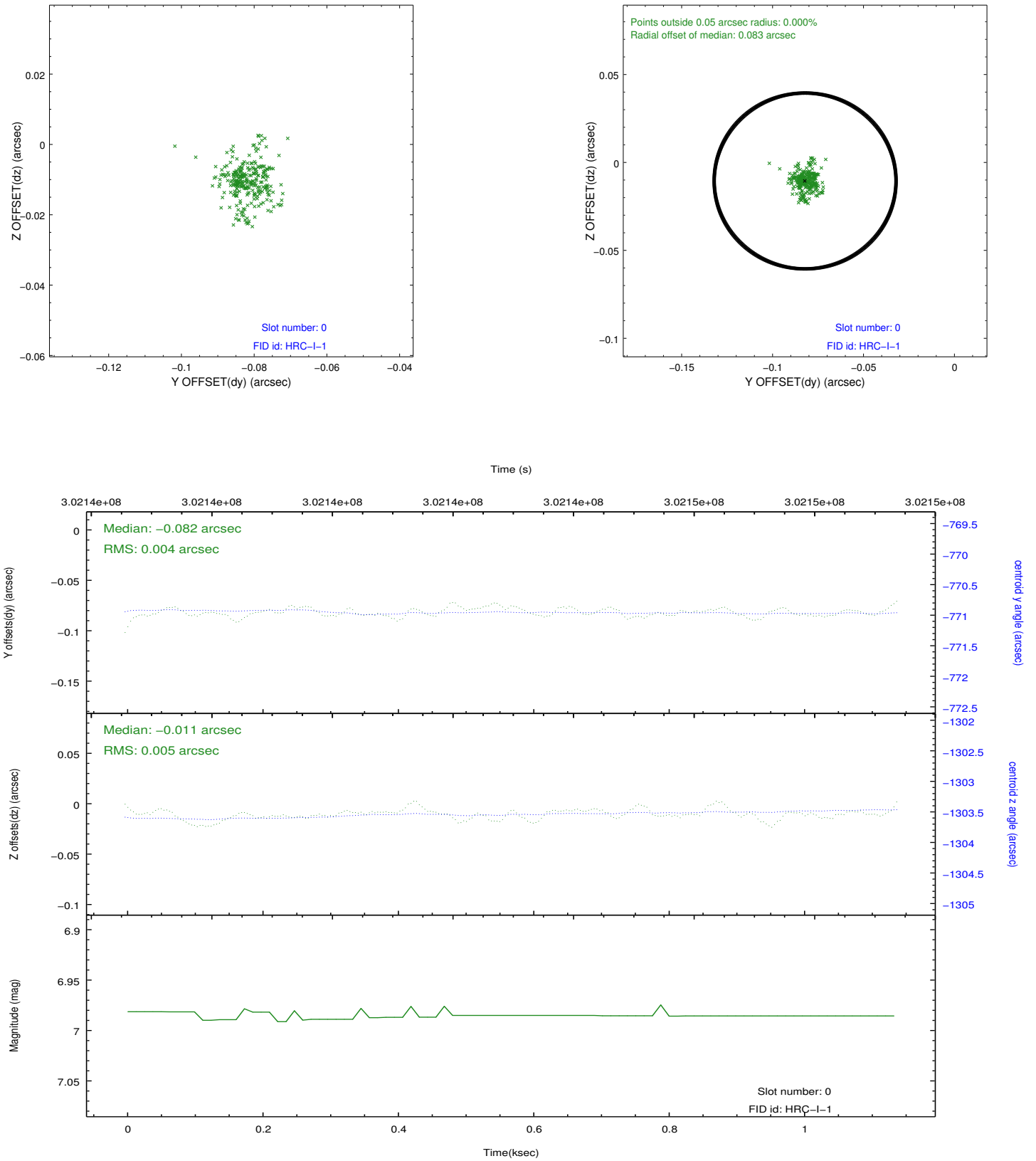


## 2.4.5 Slot 7

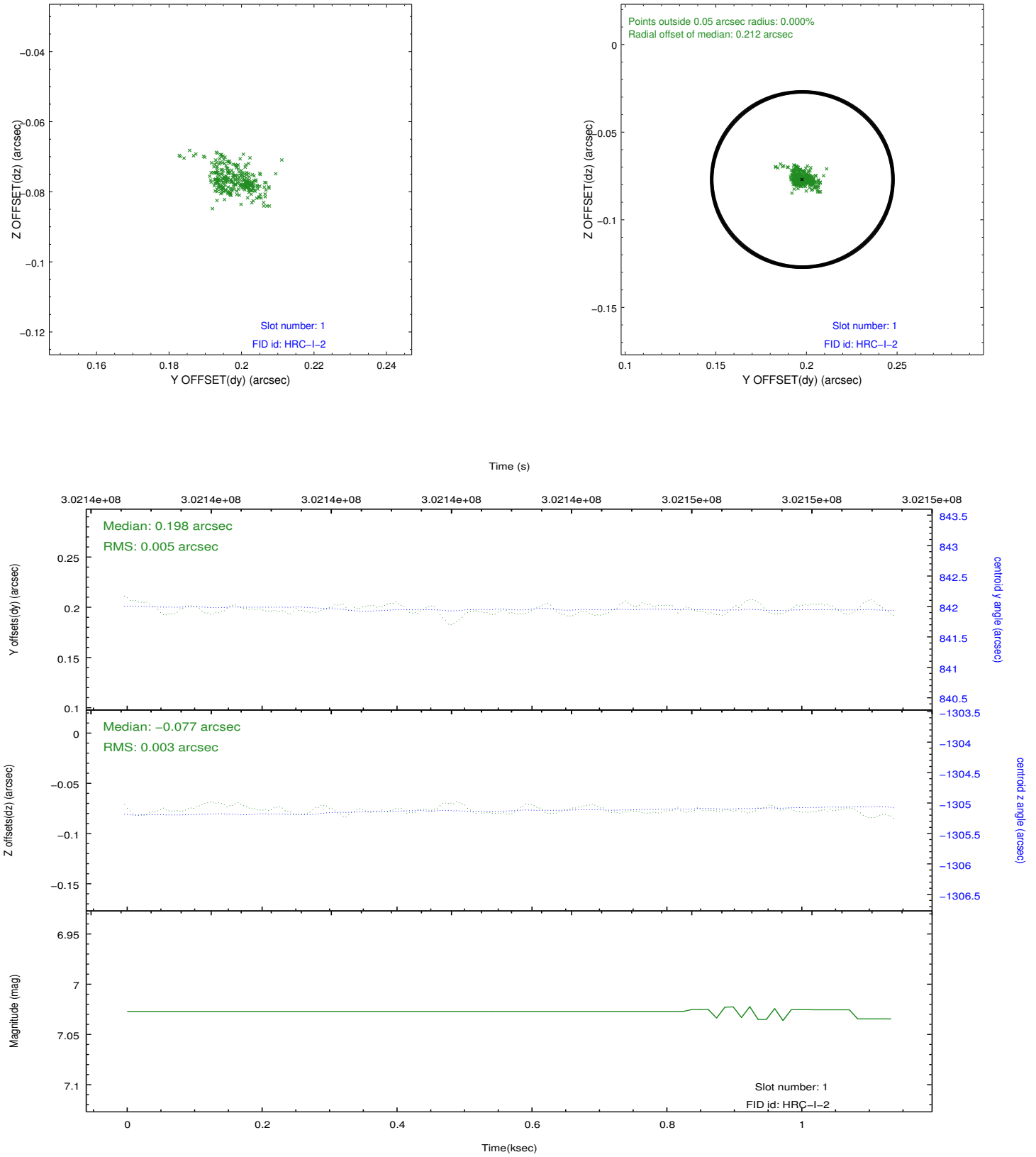


## 2.5 FID Slots

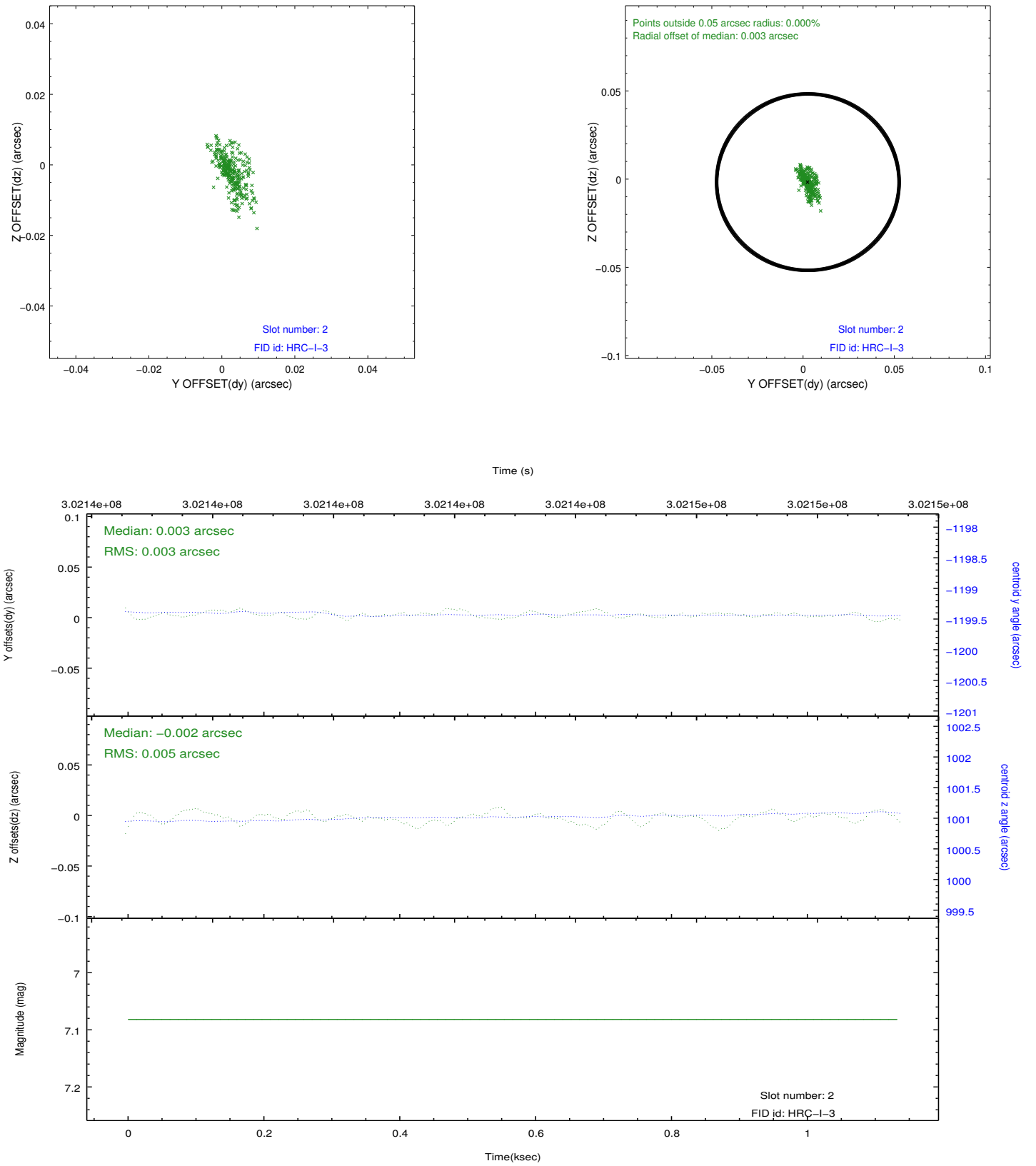
### 2.5.1 Slot 0



## 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	1.14082505

### A.2 Comments