

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7396 - L2 Version 3  
Chandra X-Ray Center

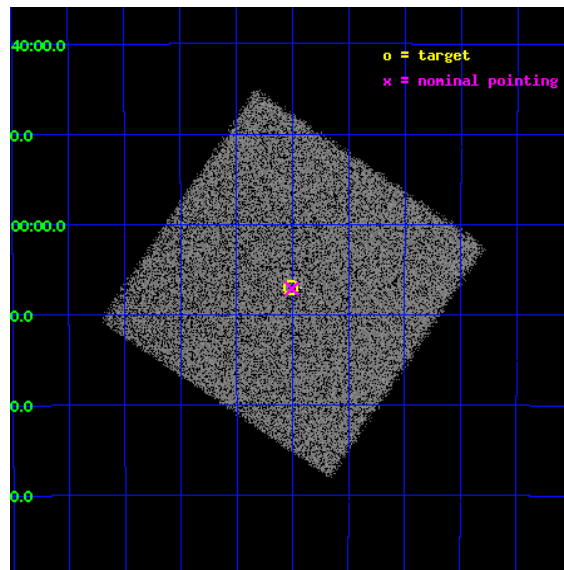
L2 Processing Date : Aug 12 2012

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# 1 Front

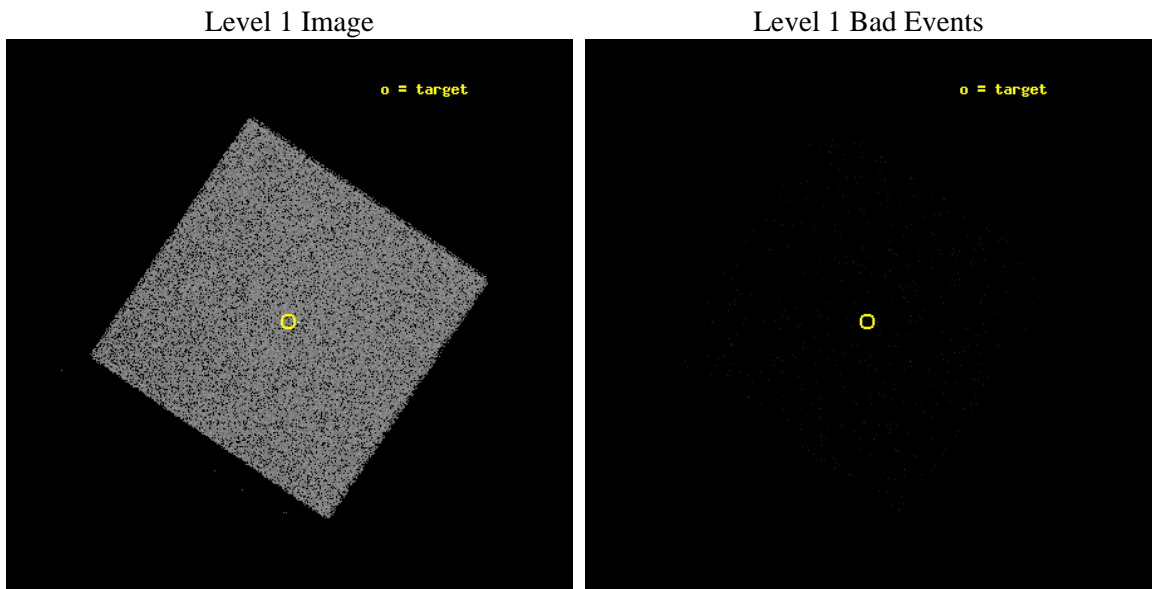
seq_num	400569	Sequence number
obs_id	7396	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J16500-3307	Source name
ra_targ	252.505	Observer's specified target RA [deg]
dec_targ	-33.115833	Observer's specified target Dec [deg]
ra_nom	252.50167005471	Nominal RA [deg]
dec_nom	-33.119073862392	Nominal Dec [deg]
roll_nom	259.13990824144	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.068805933	[s]
livetime	1149.4780570697	Ontime multiplied by DTCOR
l2events	66717	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	1161.068805933	[s]
caldbver	4.5.1.1	&#160	l1events	181783	Number of level 1 events
date	2012-08-12T05:35:27	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

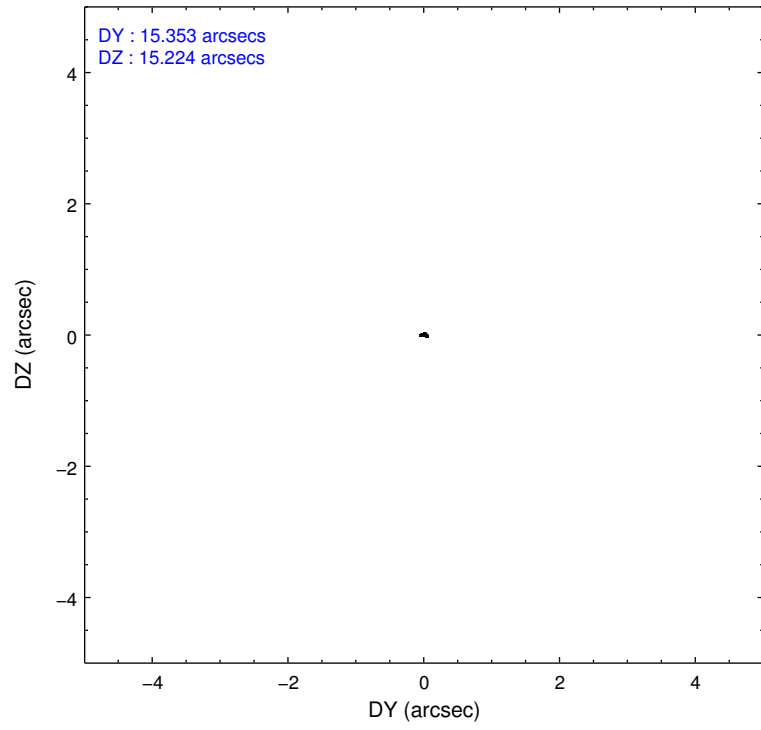
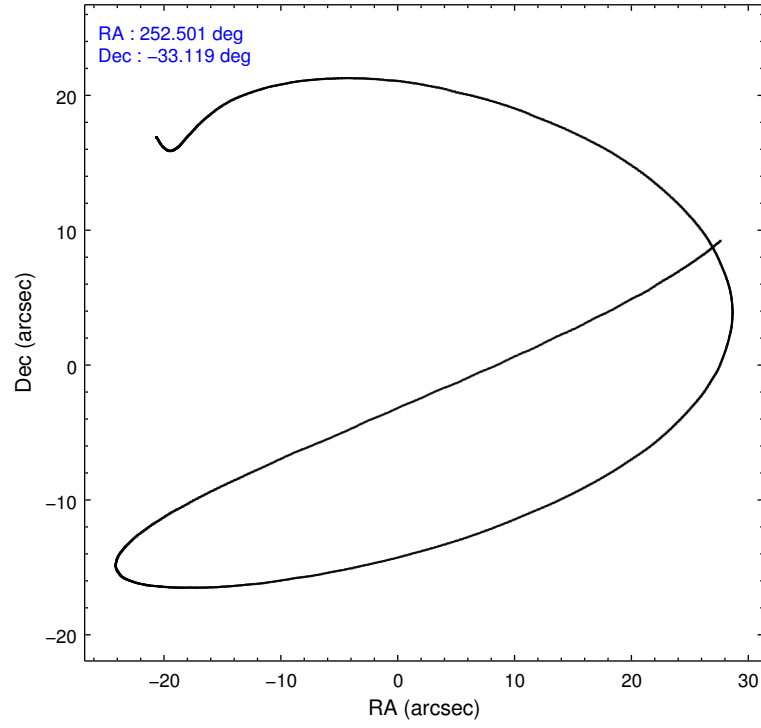
	<b>segment 0</b>
level 1 events	181783
rejected events	83337
rejected %	45%

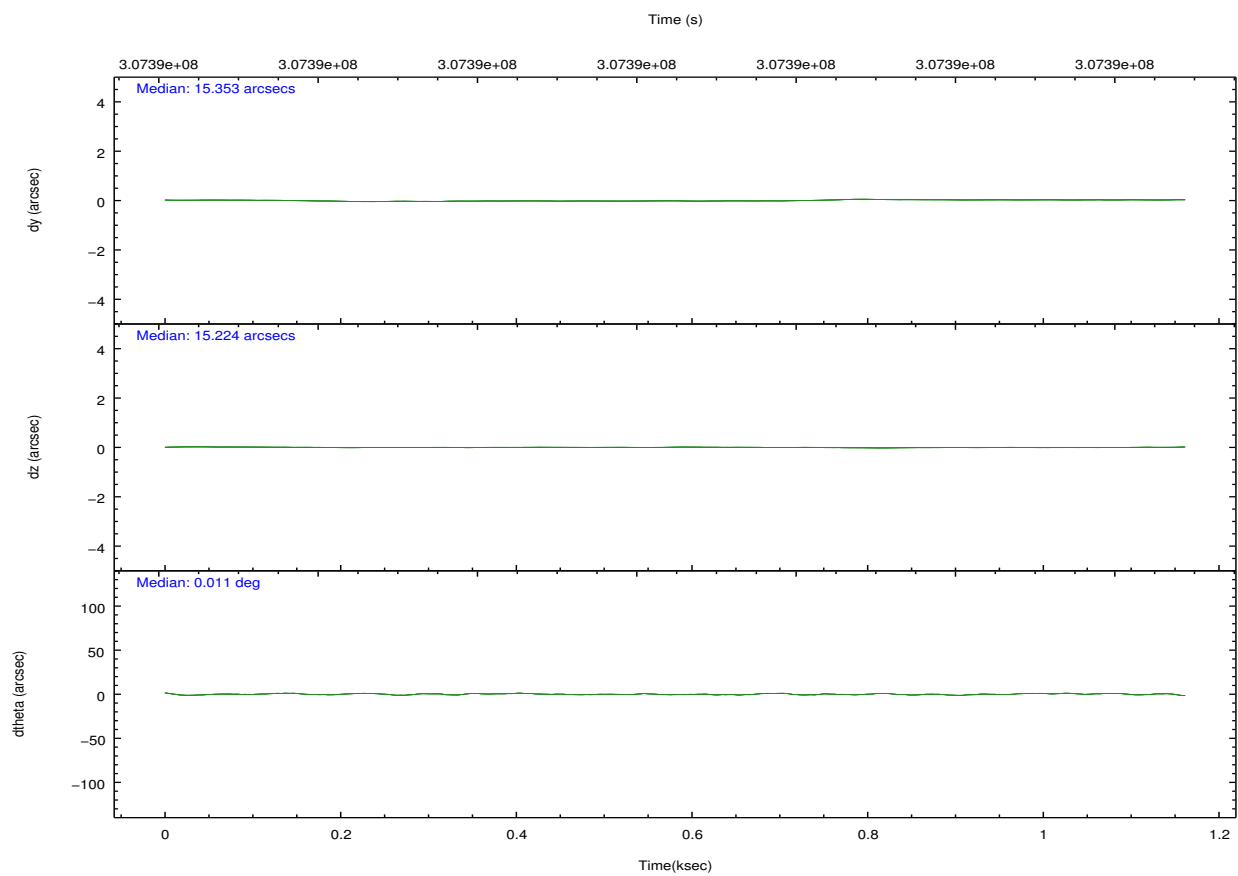
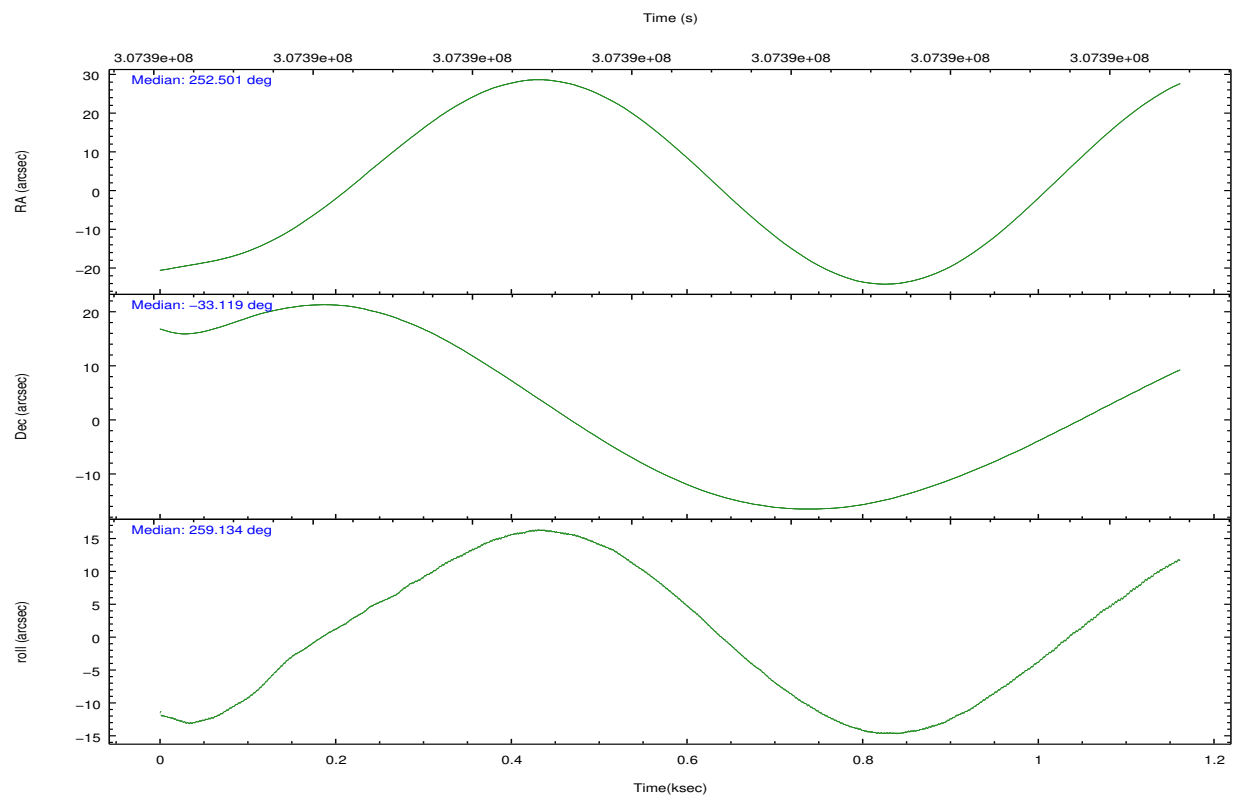
## 2.2 Compared Parameters

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	252.490943	252.5016700547141
[deg] Pointing Dec	-33.093912	-33.11907386239211
[deg] Pointing Roll	259.229557	259.139908241444
[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)	307392834.184000	307391768.9973
Observation start date	2007-09-28T18:52:49	2007-09-28T18:36:08
[s] Observation end time (MET)	307393834.184000	307395317.03497
Observation end date	2007-09-28T19:09:29	2007-09-28T19:35:17

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

## 2.3 Aspect





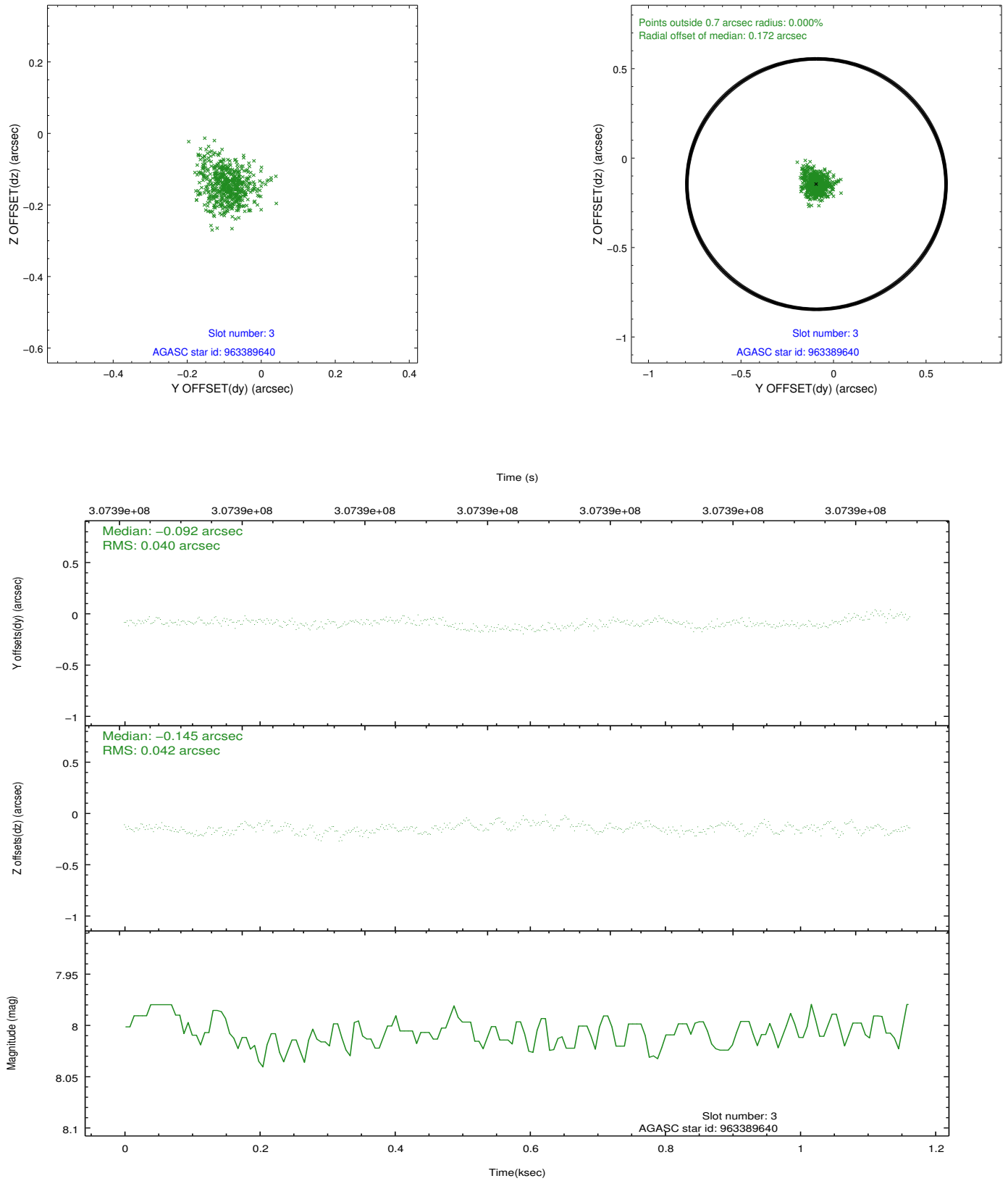
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	284	-0.118	-0.076	0.007	0.011	0.000000	0.000000	-771.33	-1303.36
1	FID	HRC-I-2	7.03	284	0.157	-0.036	0.008	0.013	0.000000	0.000000	838.86	-1309.53
2	FID	HRC-I-4	7.01	284	0.077	0.020	0.006	0.010	0.000000	0.000000	1274.69	994.22
3	GUIDE	963389640	8.01	568	-0.092	-0.145	0.061	0.101	251.989155	-33.073761	216.56	-1497.72
4	GUIDE	963392104	8.37	567	-0.070	-0.031	0.069	0.112	251.915828	-33.451009	1592.16	-1456.16
5	GUIDE	965092920	8.36	568	-0.046	-0.111	0.066	0.106	252.036004	-33.258193	844.00	-1234.64
6	GUIDE	965089272	8.97	568	0.237	0.189	0.090	0.155	252.240390	-33.728847	2389.59	-309.11
7	GUIDE	965092568	8.68	566	-0.036	0.081	0.072	0.122	252.894445	-32.771568	-1360.65	985.23

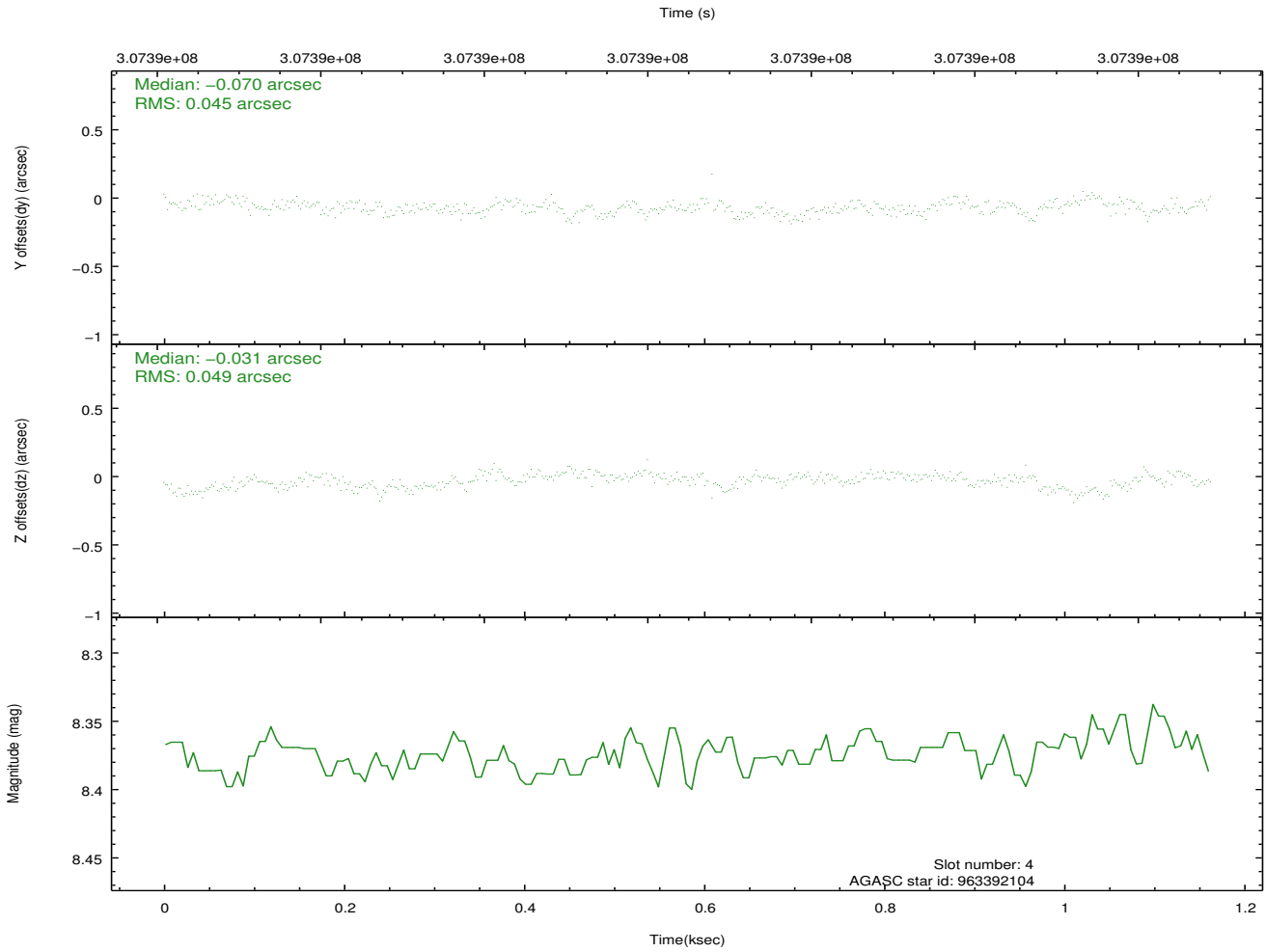
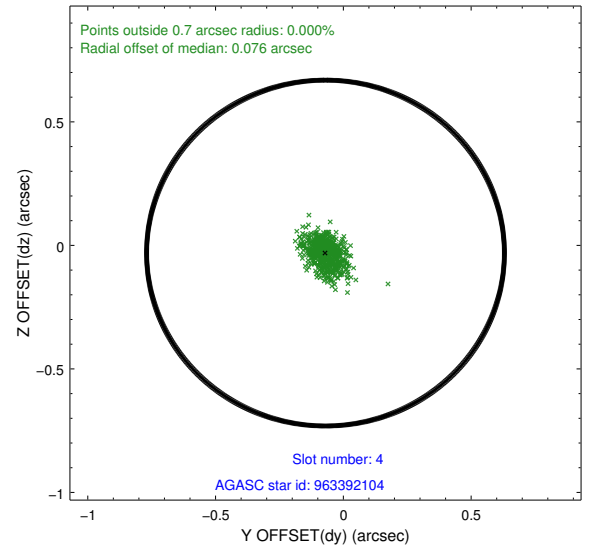
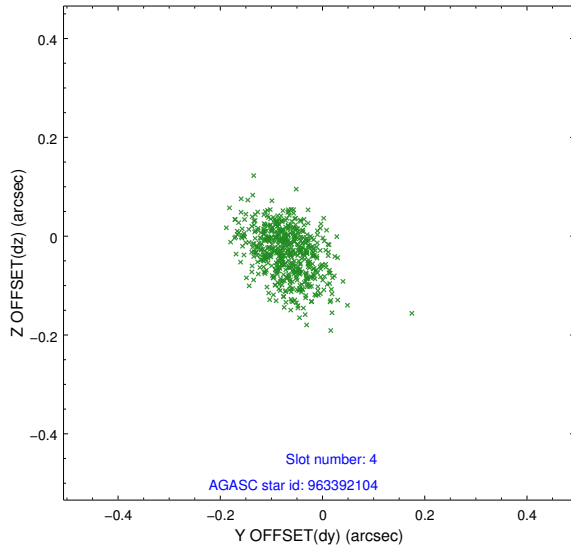


## 2.4 Star Slots

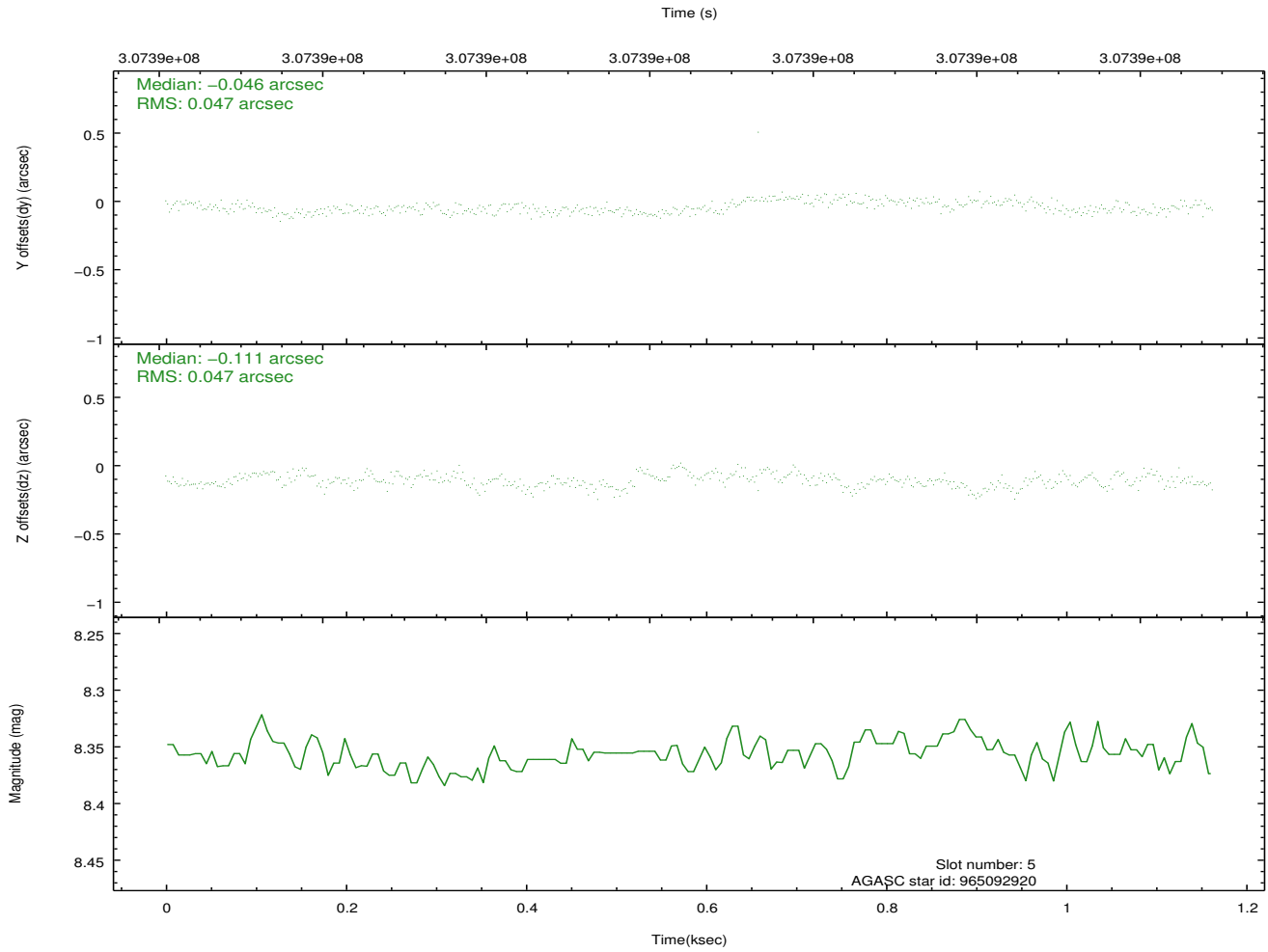
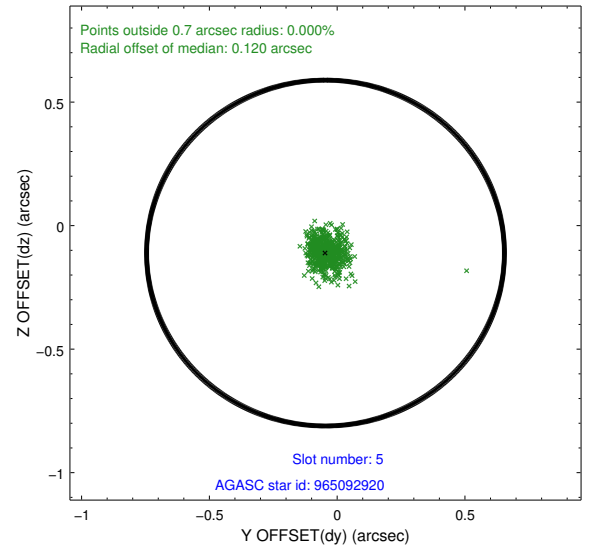
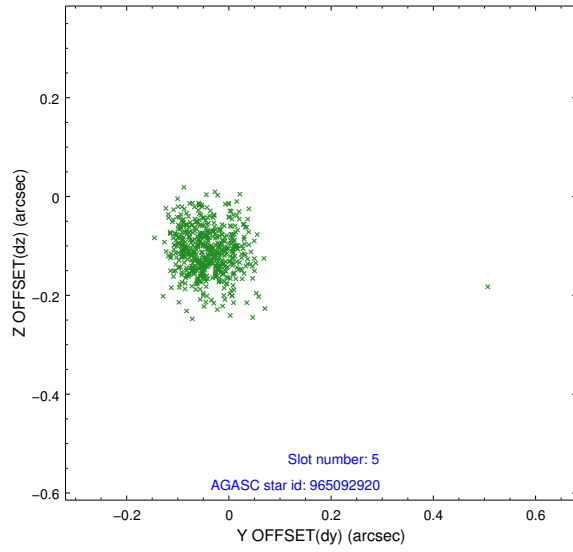
### 2.4.1 Slot 3



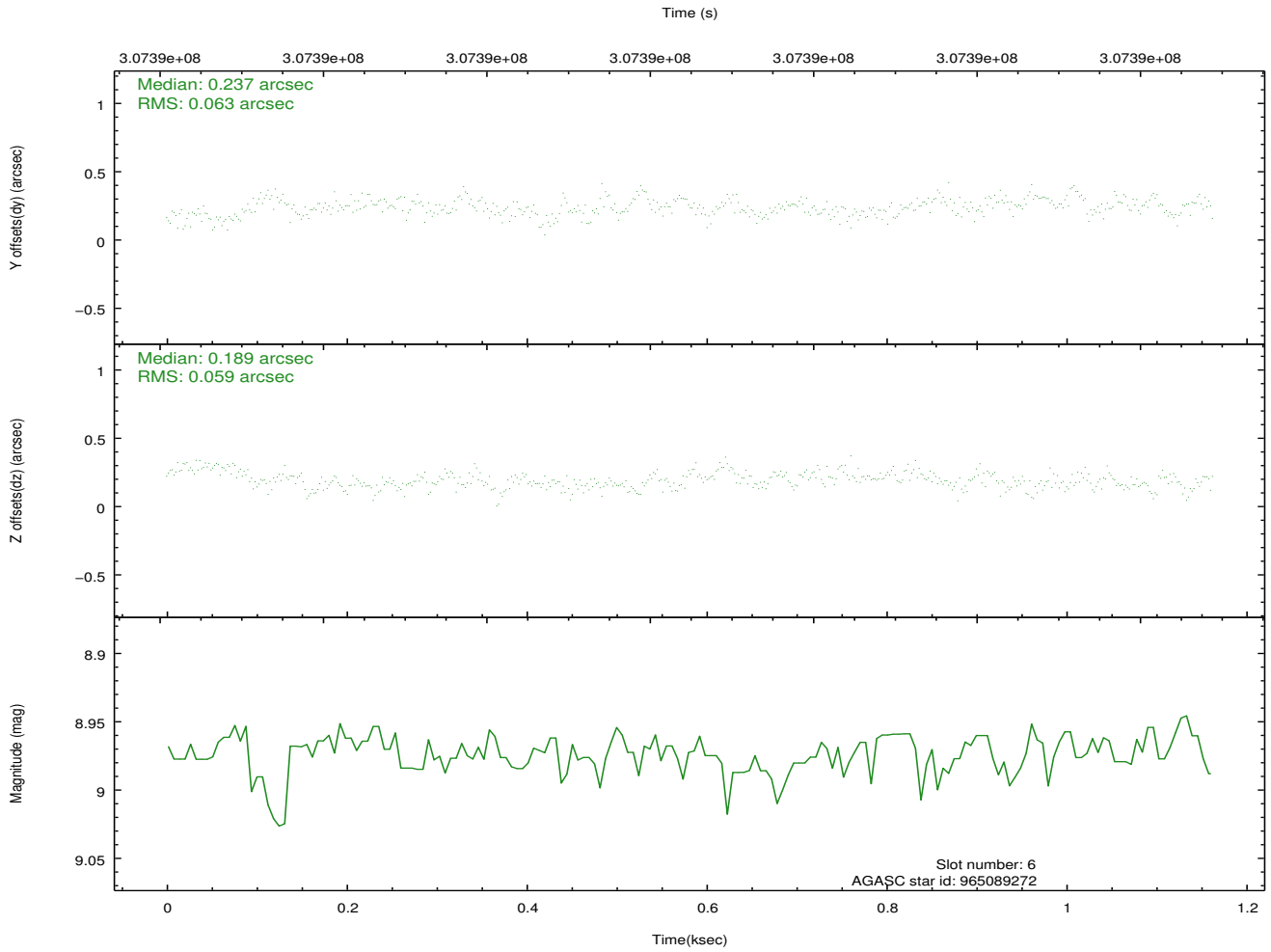
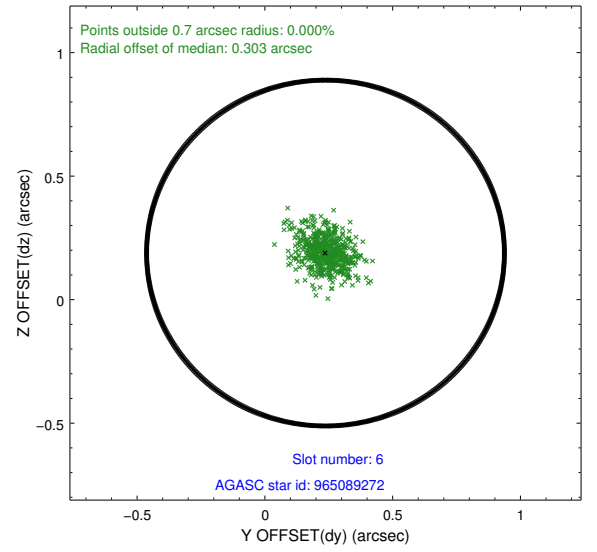
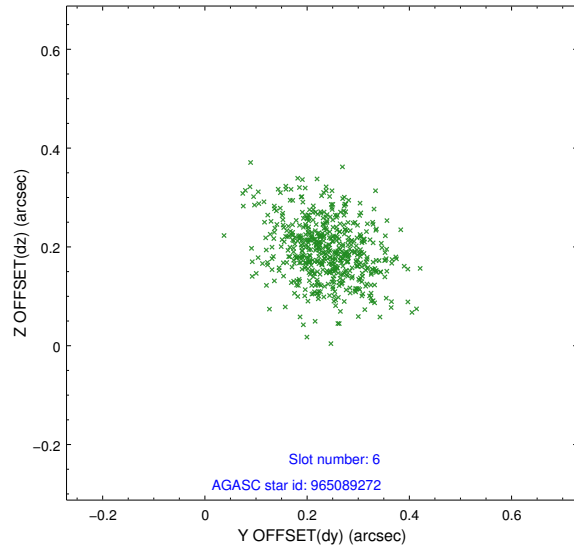
## 2.4.2 Slot 4



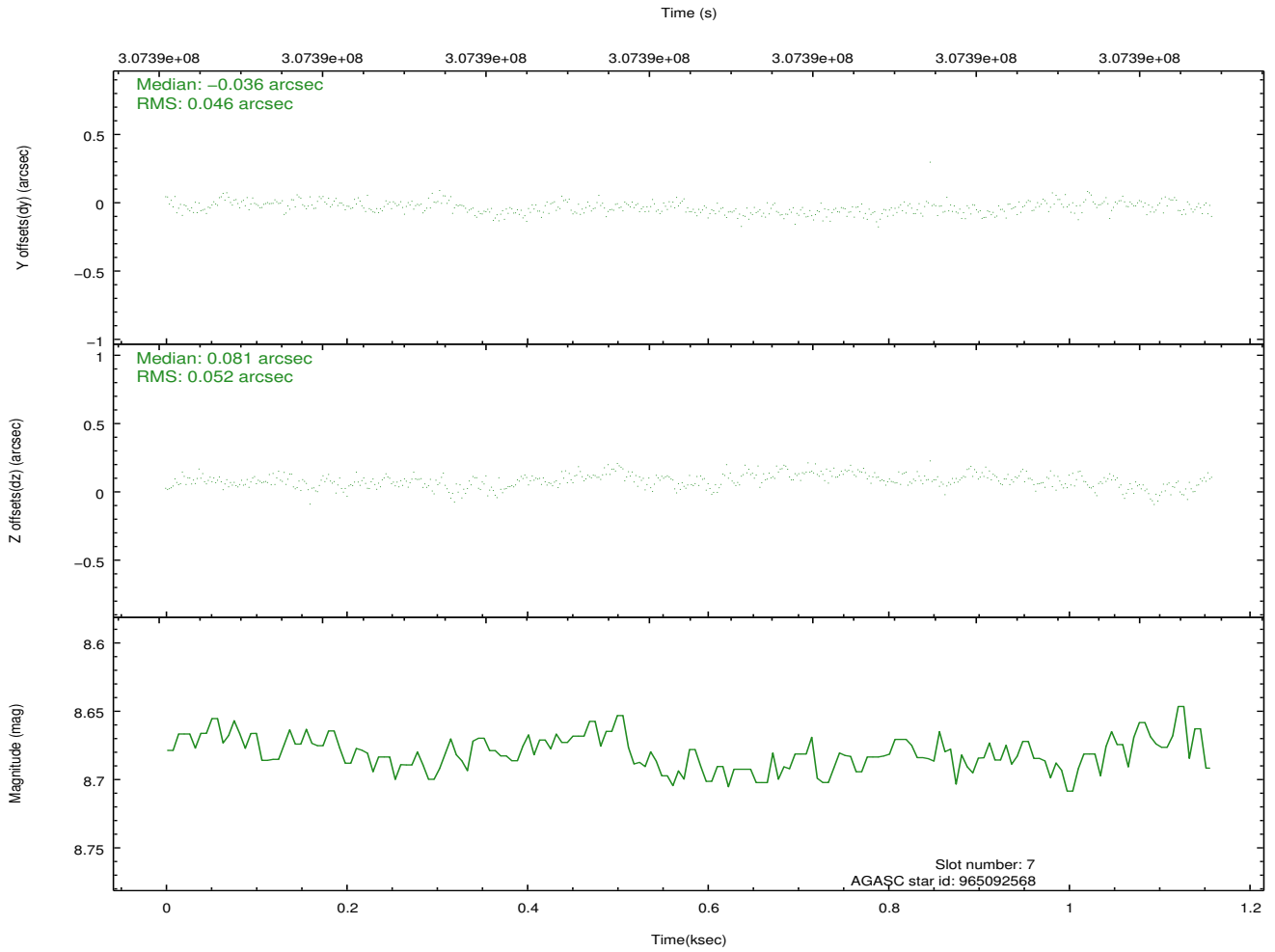
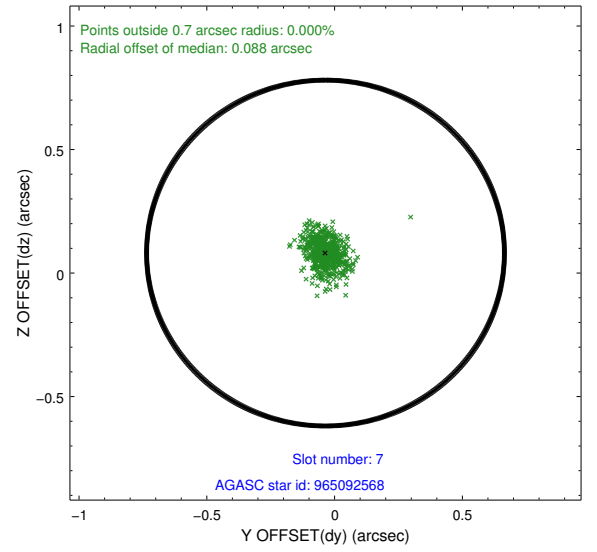
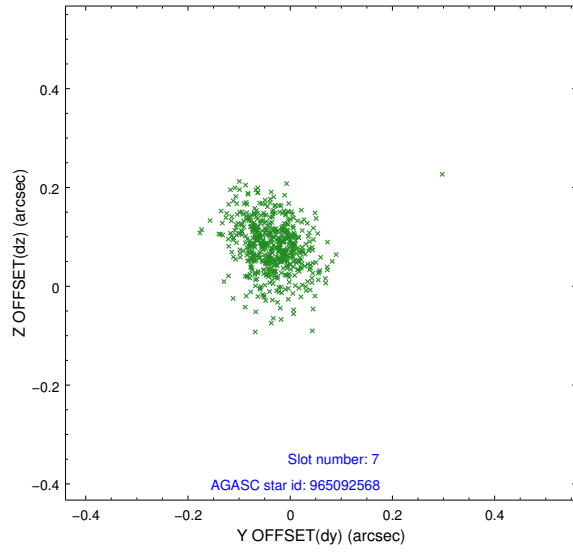
### 2.4.3 Slot 5



## 2.4.4 Slot 6

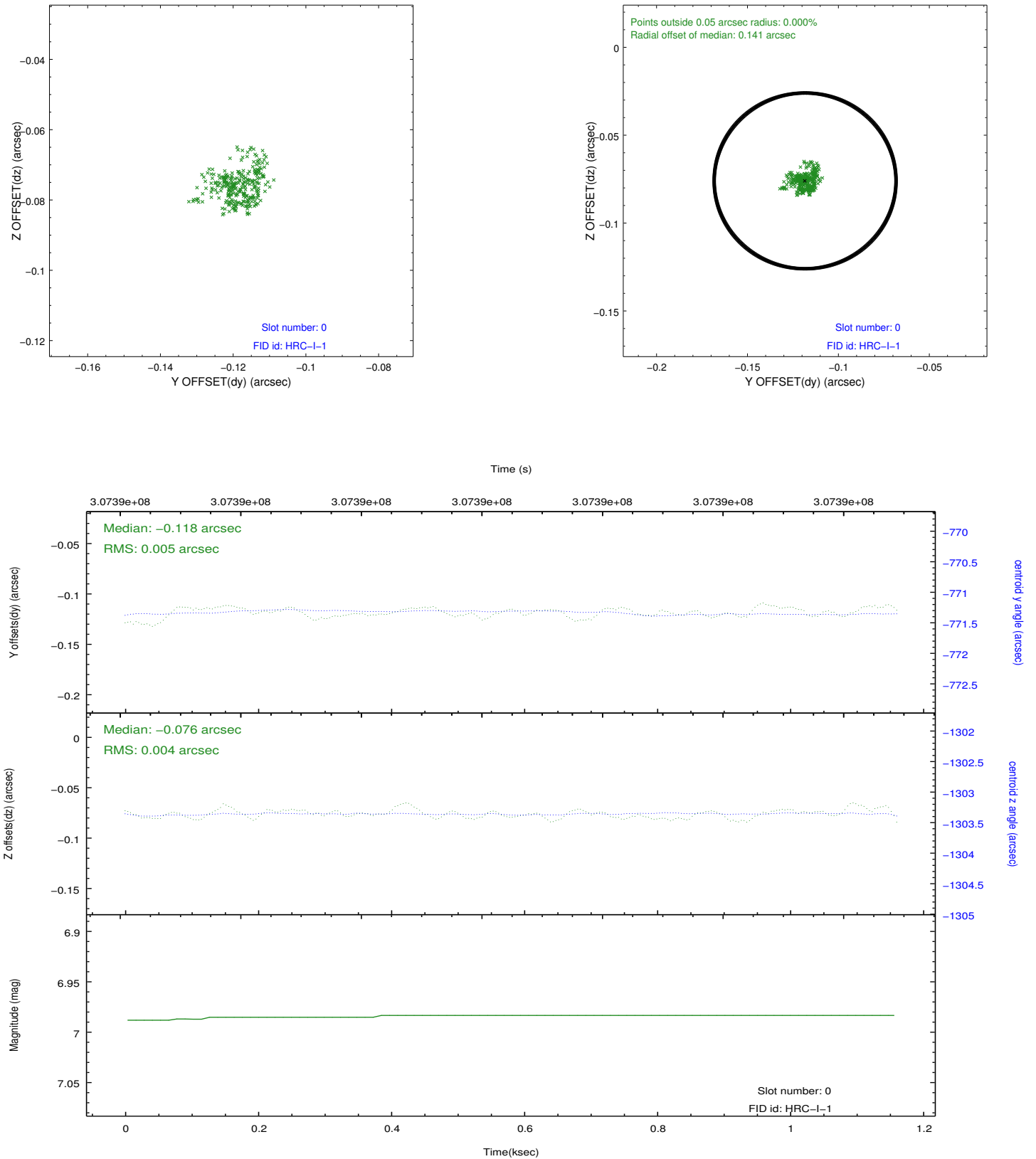


## 2.4.5 Slot 7

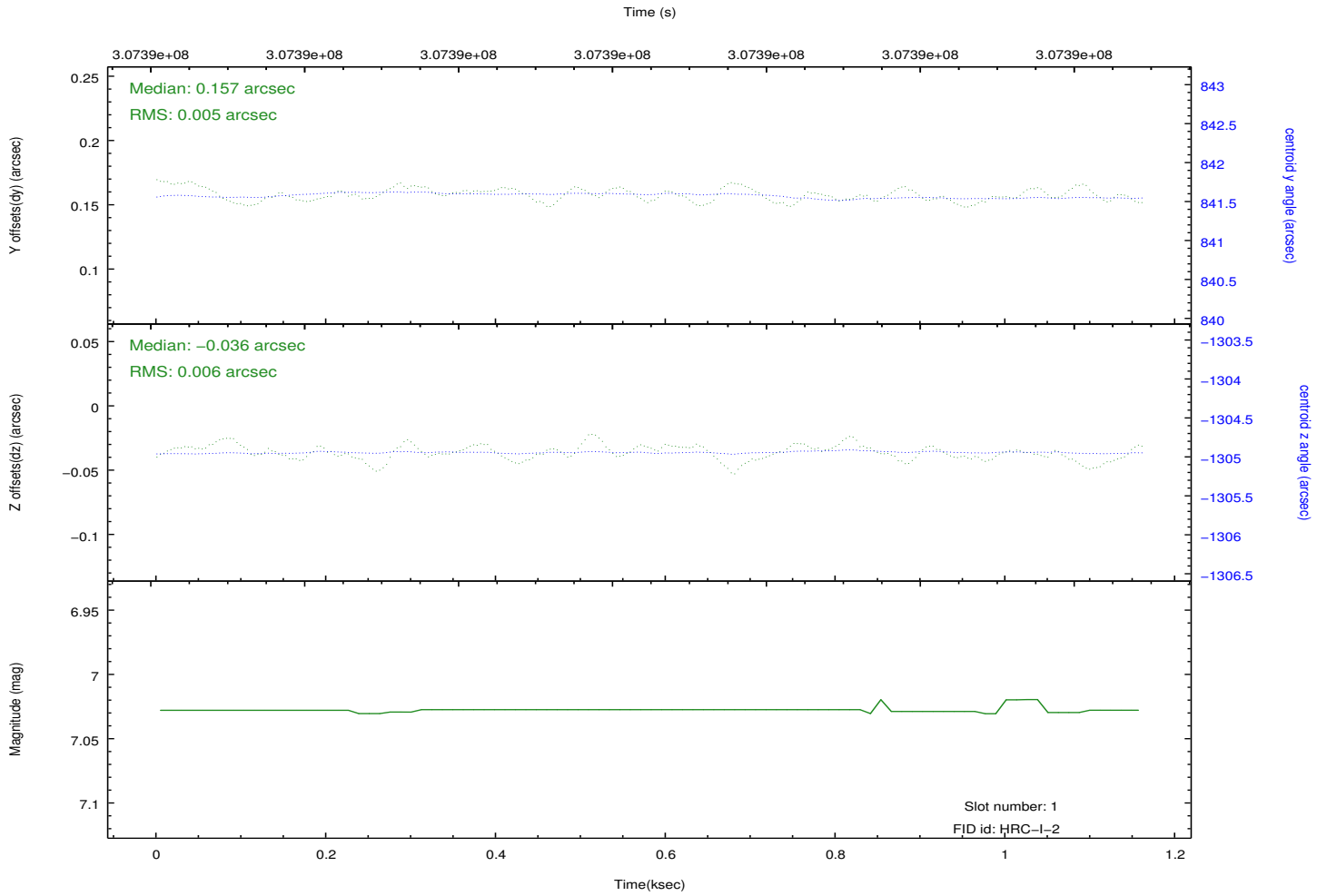
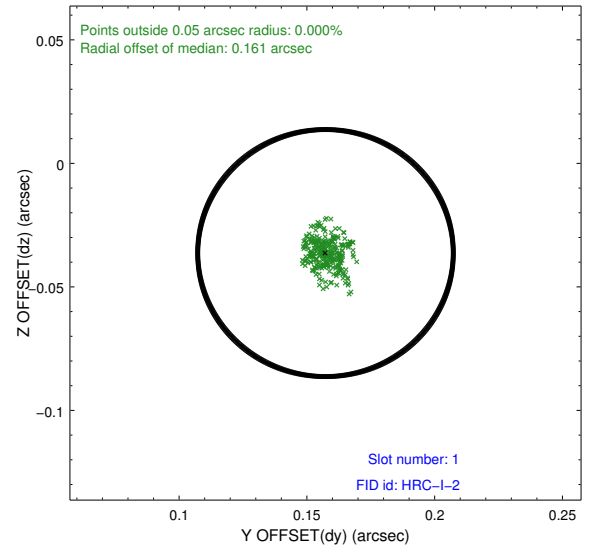
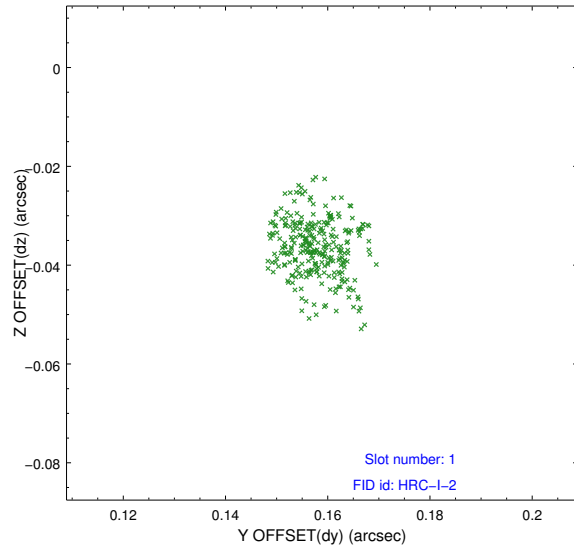


## 2.5 FID Slots

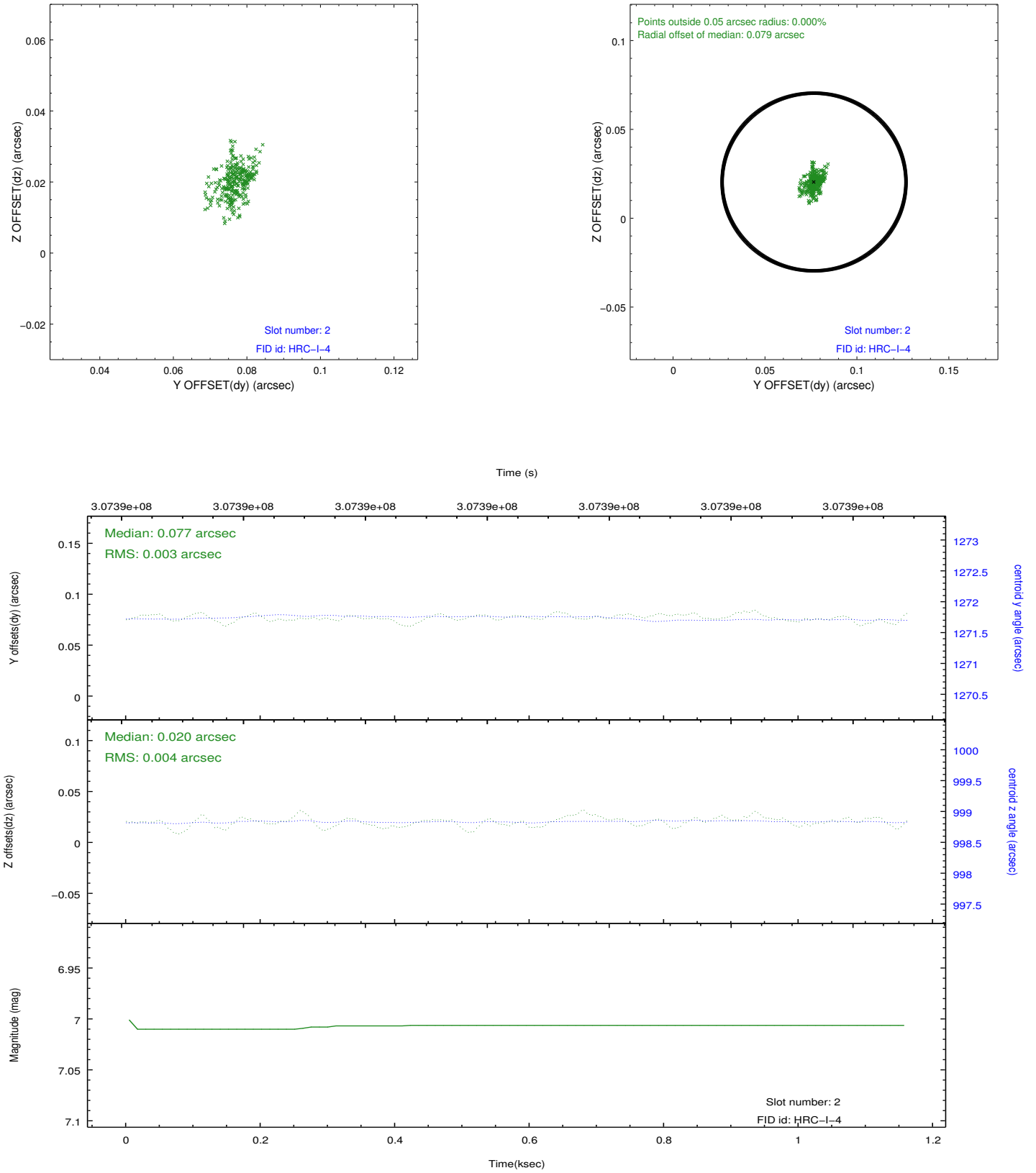
### 2.5.1 Slot 0



## 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	1.16132505

### A.2 Comments