

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 9007 - L2 Version 3  
Chandra X-Ray Center

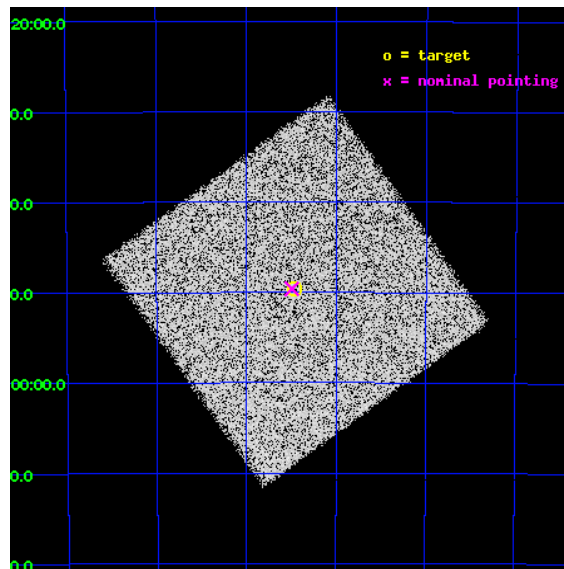
L2 Processing Date : Aug 12 2012

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# 1 Front

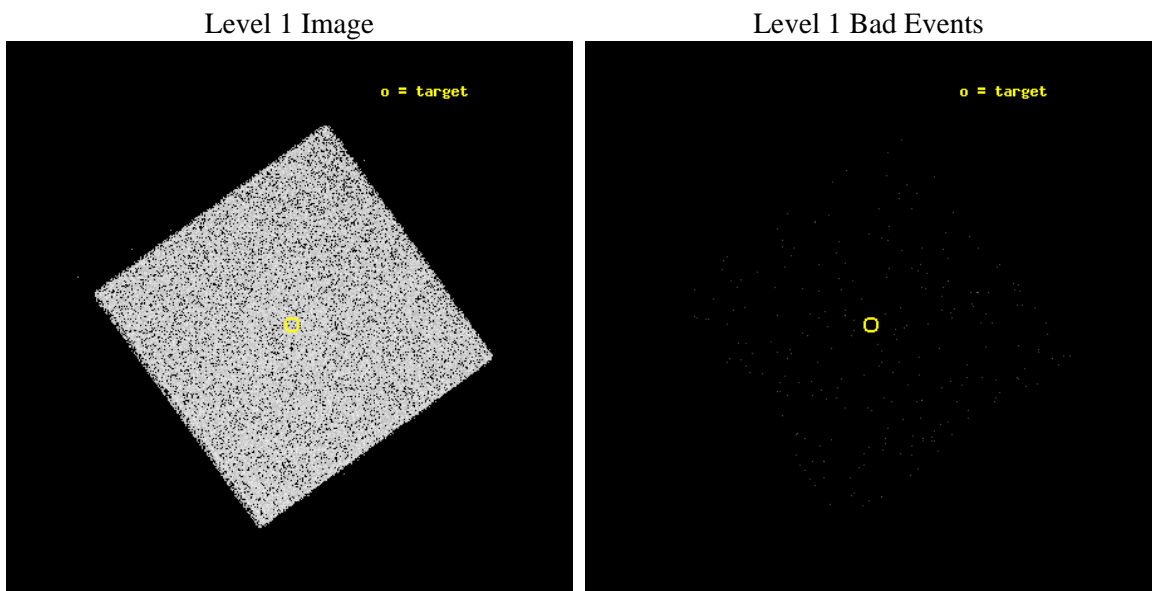
seq_num	400858	Sequence number
obs_id	9007	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	K 1632-477	Source name
ra_targ	249.117917	Observer's specified target RA [deg]
dec_targ	-47.826889	Observer's specified target Dec [deg]
ra_nom	249.12319793001	Nominal RA [deg]
dec_nom	-47.826711468589	Nominal Dec [deg]
roll_nom	9.2286720772833	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1179.51880759	[s]
livetime	1167.3157483011	Ontime multiplied by DTCOR
l2events	72664	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	1179.51880759	[s]
caldbver	4.5.1.1	&#160	l1events	182525	Number of level 1 events
date	2012-08-12T13:36:44	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

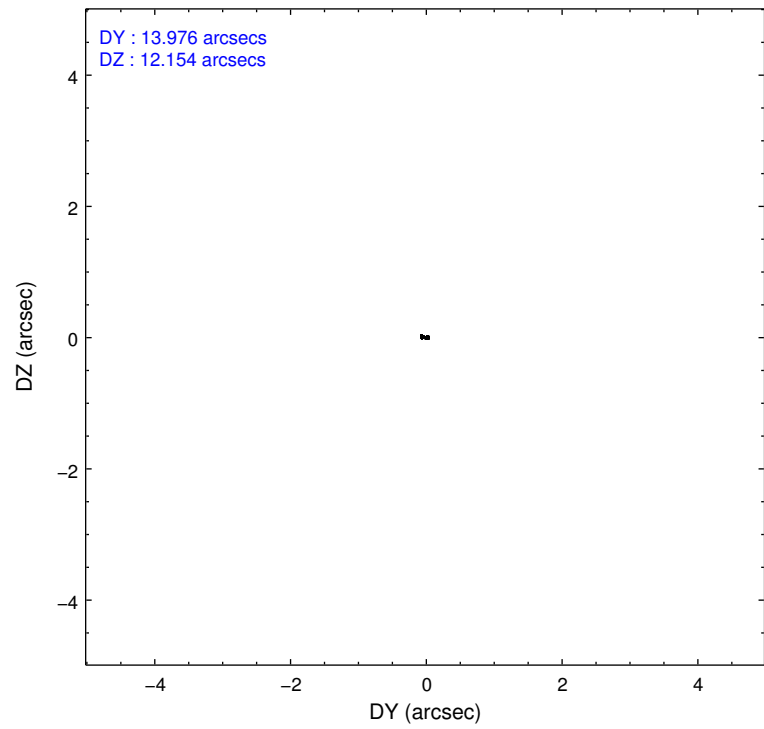
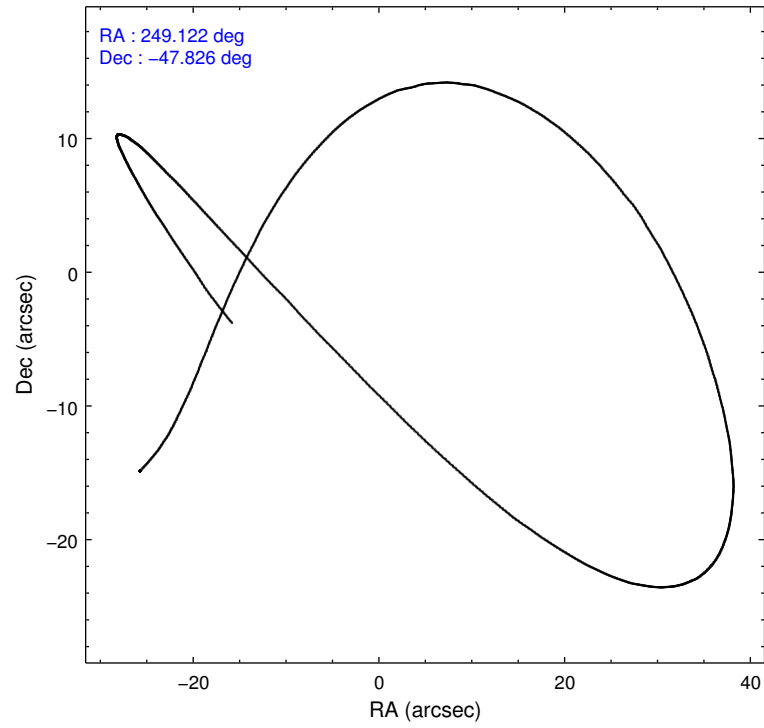
#### Level 1 Events

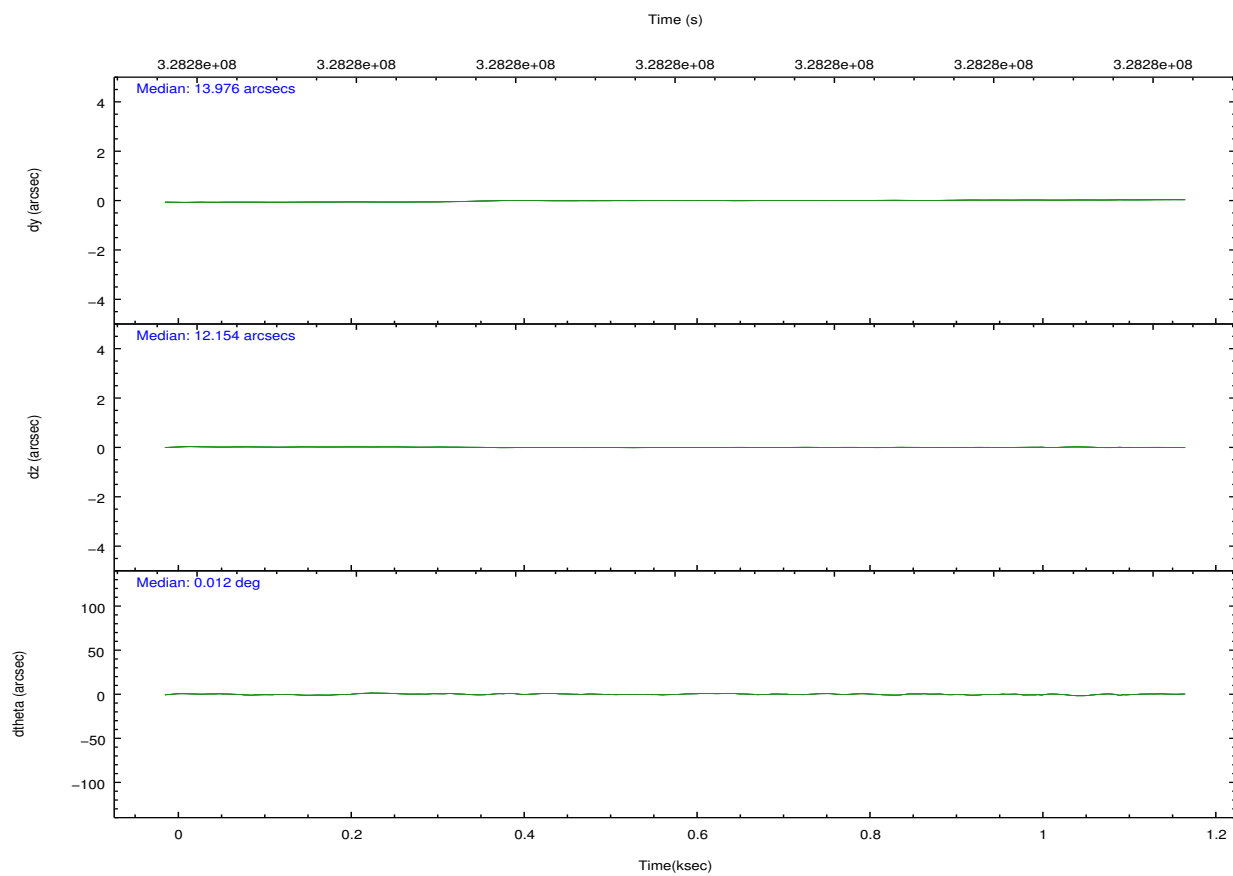
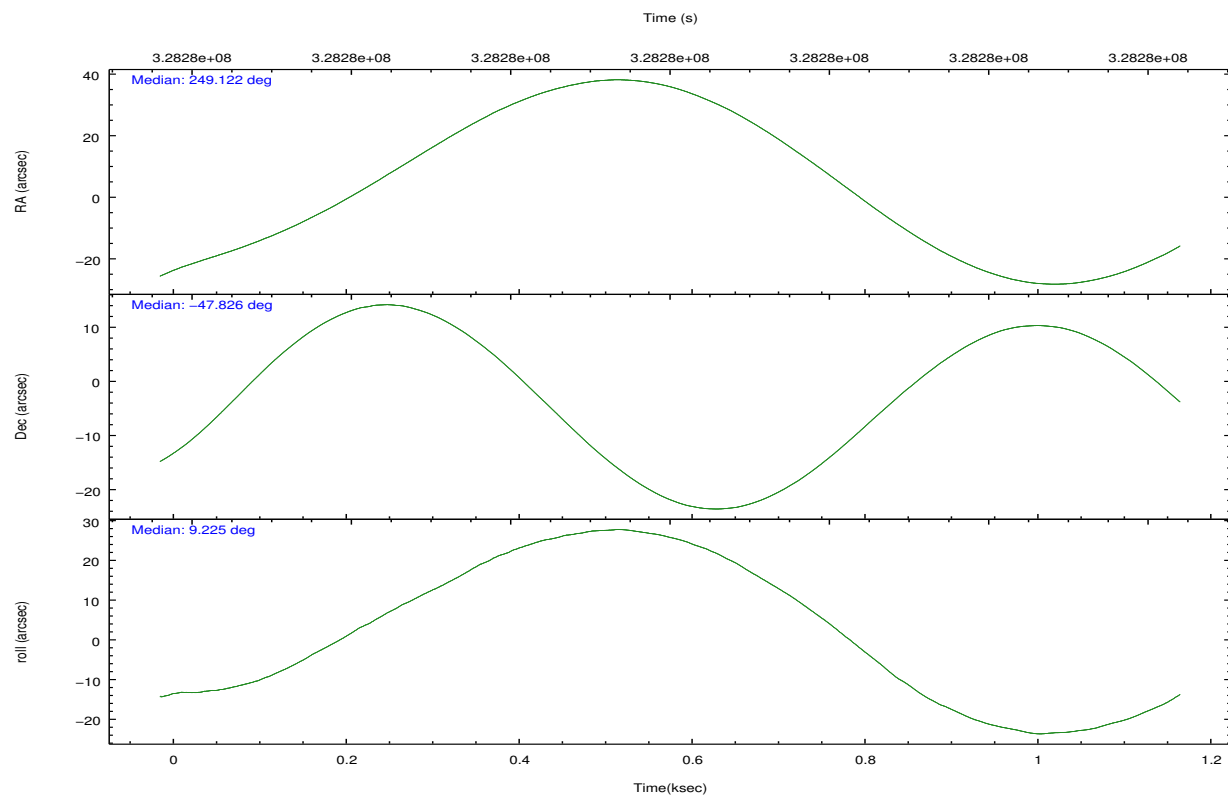
	<b>segment 0</b>
level 1 events	182525
rejected events	75893
rejected %	41%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	249.093266	249.1231979300079			
[deg] Pointing Dec	-47.845485	-47.82671146858869			
[deg] Pointing Roll	9.301921	9.228672077283319			
[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)	328281189.184000	328280220.92257			
Observation start date	2008-05-27T13:12:04	2008-05-27T12:57:00			
[s] Observation end time (MET)	328282189.184000	328283175.99772			
Observation end date	2008-05-27T13:28:44	2008-05-27T13:46:15			

## 2.3 Aspect





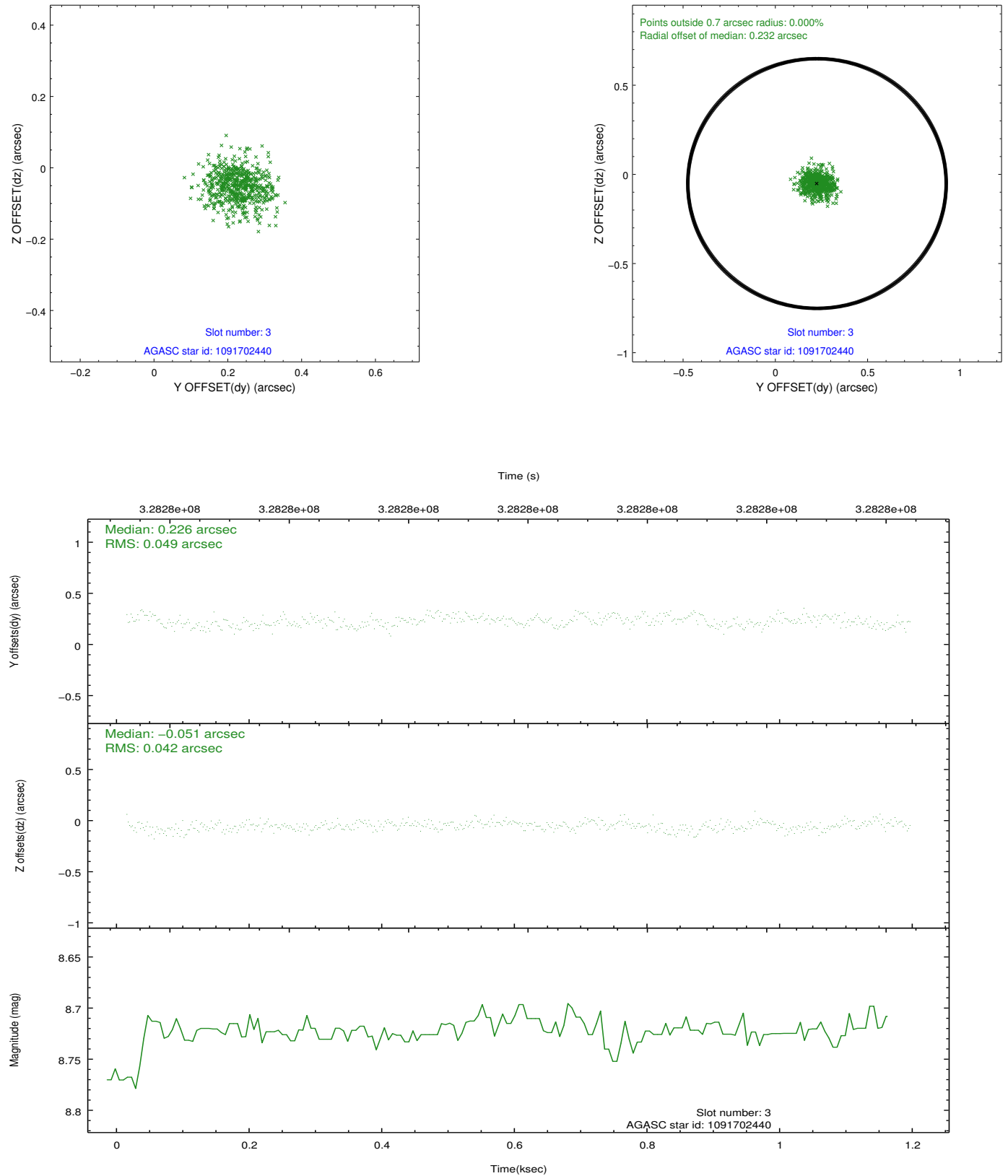
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	288	-0.086	0.002	0.006	0.011	0.000000	0.000000	-769.90	-1300.11
1	FID	HRC-I-2	7.00	288	0.187	-0.077	0.007	0.011	0.000000	0.000000	840.33	-1306.36
2	FID	HRC-I-4	6.97	288	0.015	-0.017	0.006	0.011	0.000000	0.000000	1276.04	997.39
3	GUIDE	1091702440	8.72	577	0.226	-0.051	0.070	0.110	248.295809	-47.683380	-1812.80	874.10
4	GUIDE	1091705016	7.83	576	-0.225	-0.088	0.052	0.084	249.888030	-47.558250	2069.28	696.02
5	GUIDE	1091709768	7.70	577	0.050	-0.155	0.059	0.107	249.435228	-47.706899	903.21	353.44
6	GUIDE	1091726152	7.18	577	0.126	0.053	0.061	0.098	248.525265	-48.461492	-1693.92	-1977.79
7	GUIDE	1091726632	6.01	576	-0.180	0.238	0.052	0.089	250.066238	-48.307770	2026.46	-2040.64

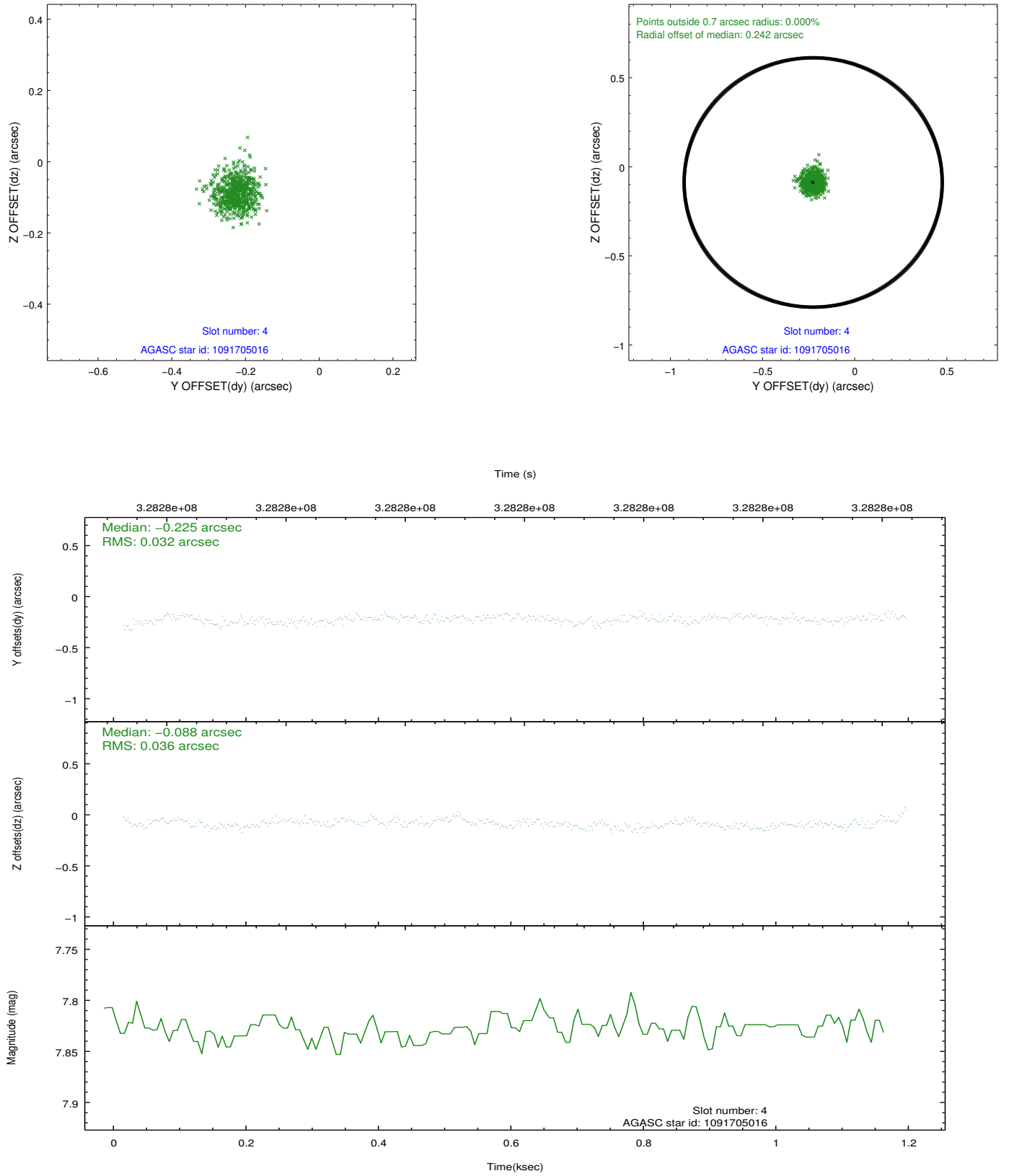


## 2.4 Star Slots

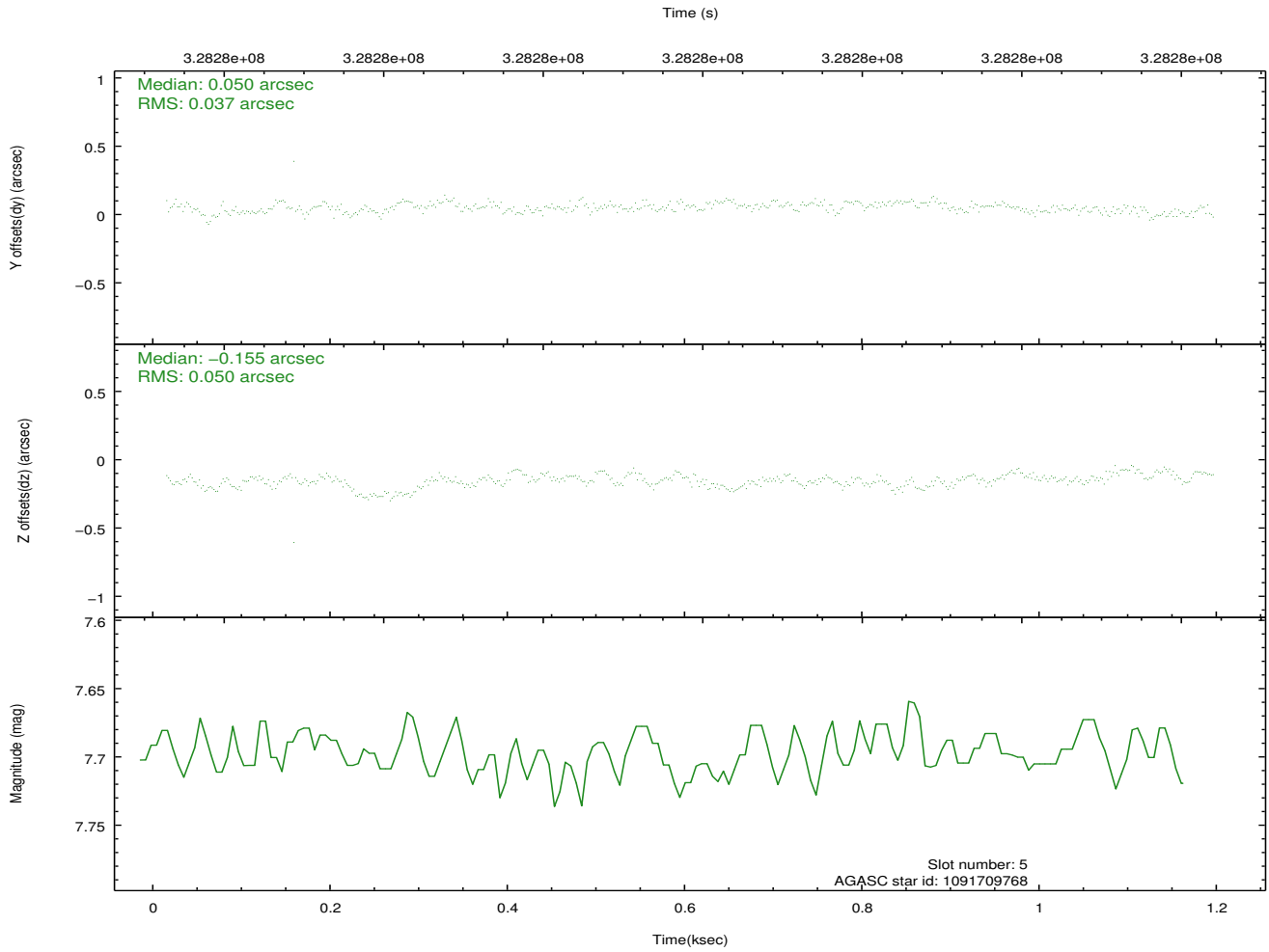
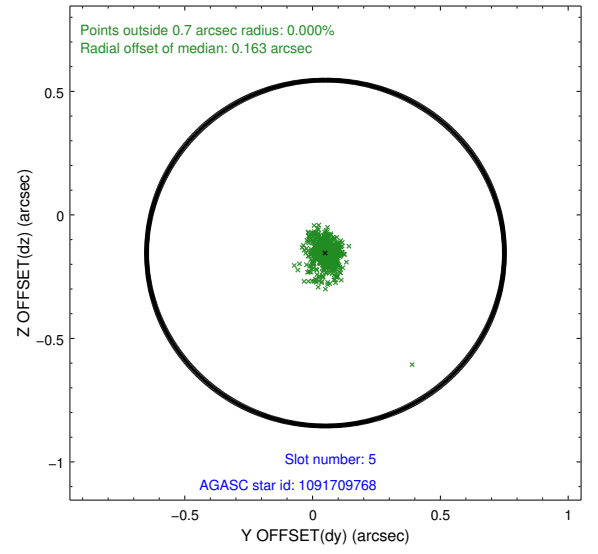
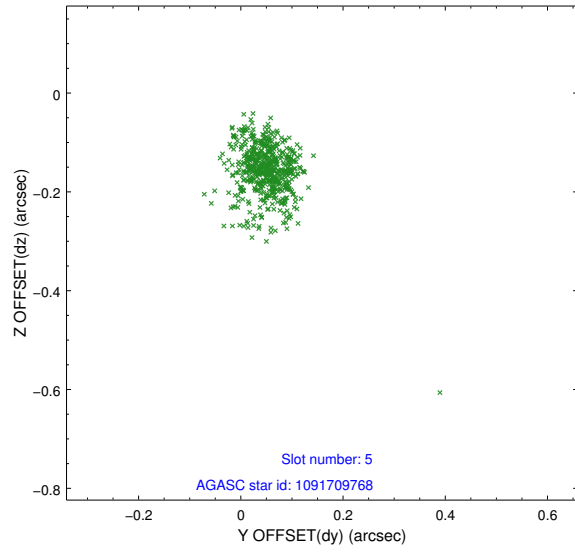
### 2.4.1 Slot 3



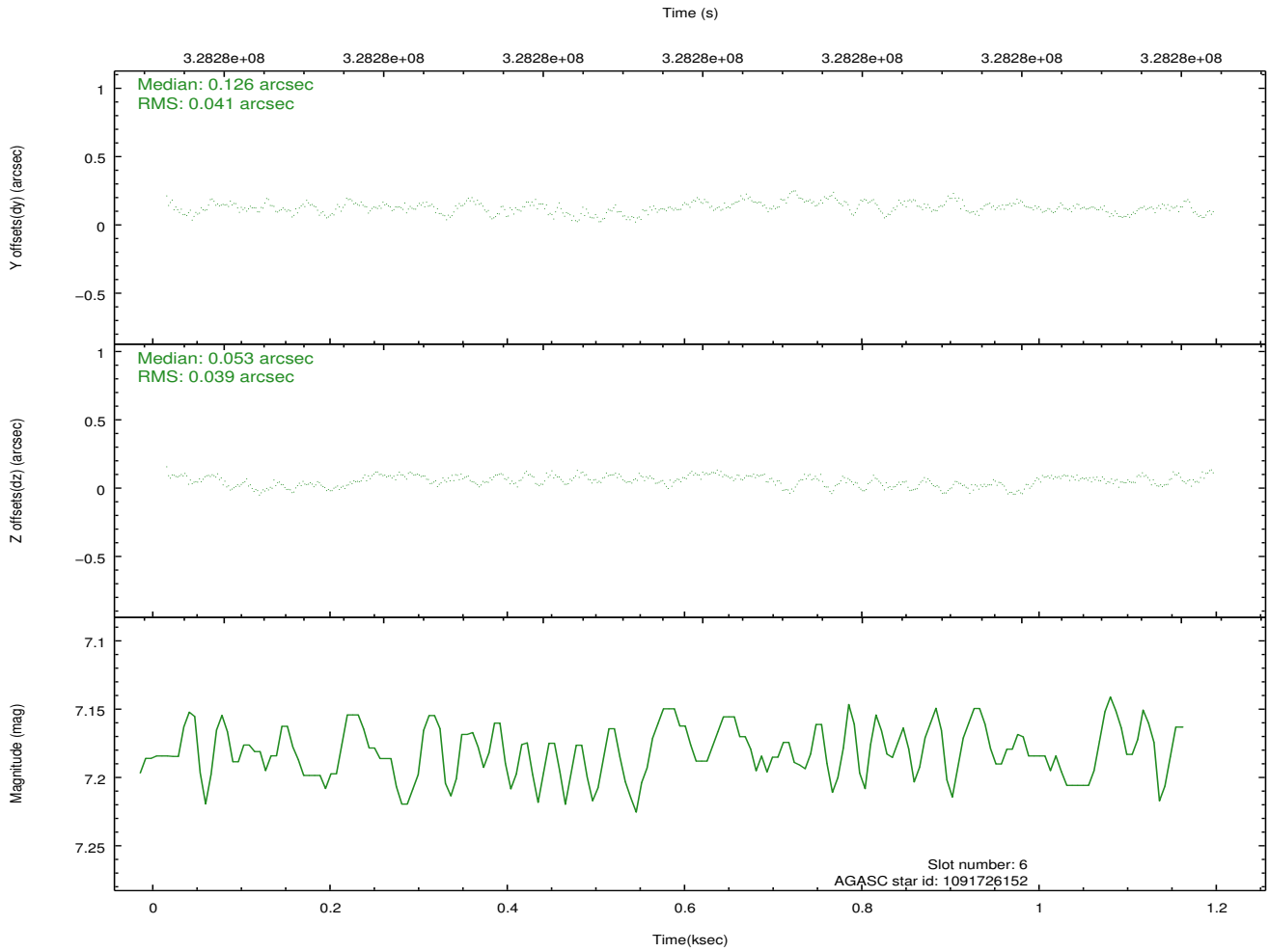
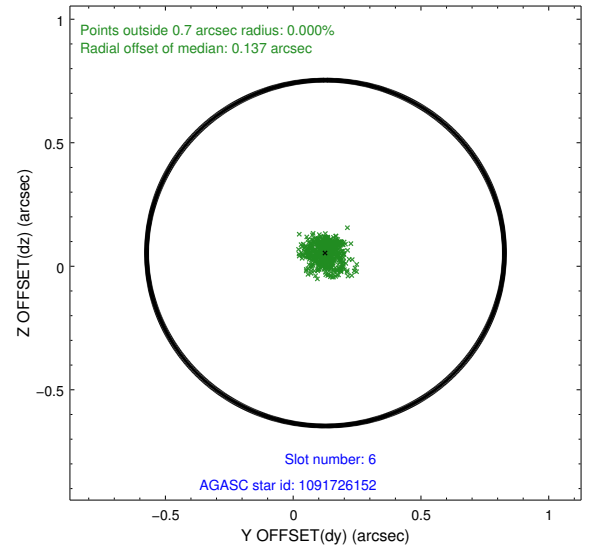
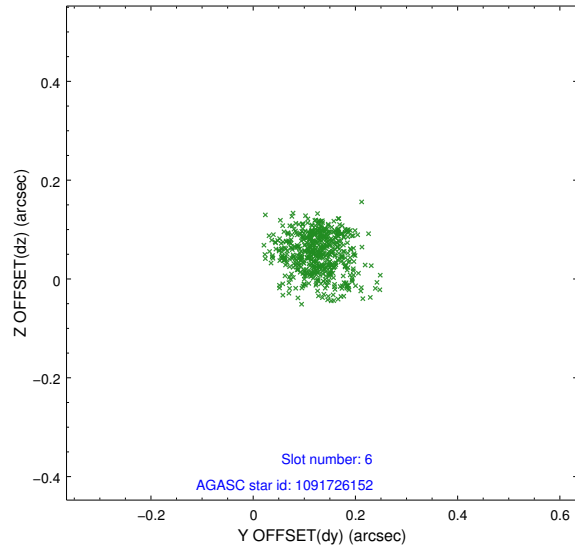
## 2.4.2 Slot 4



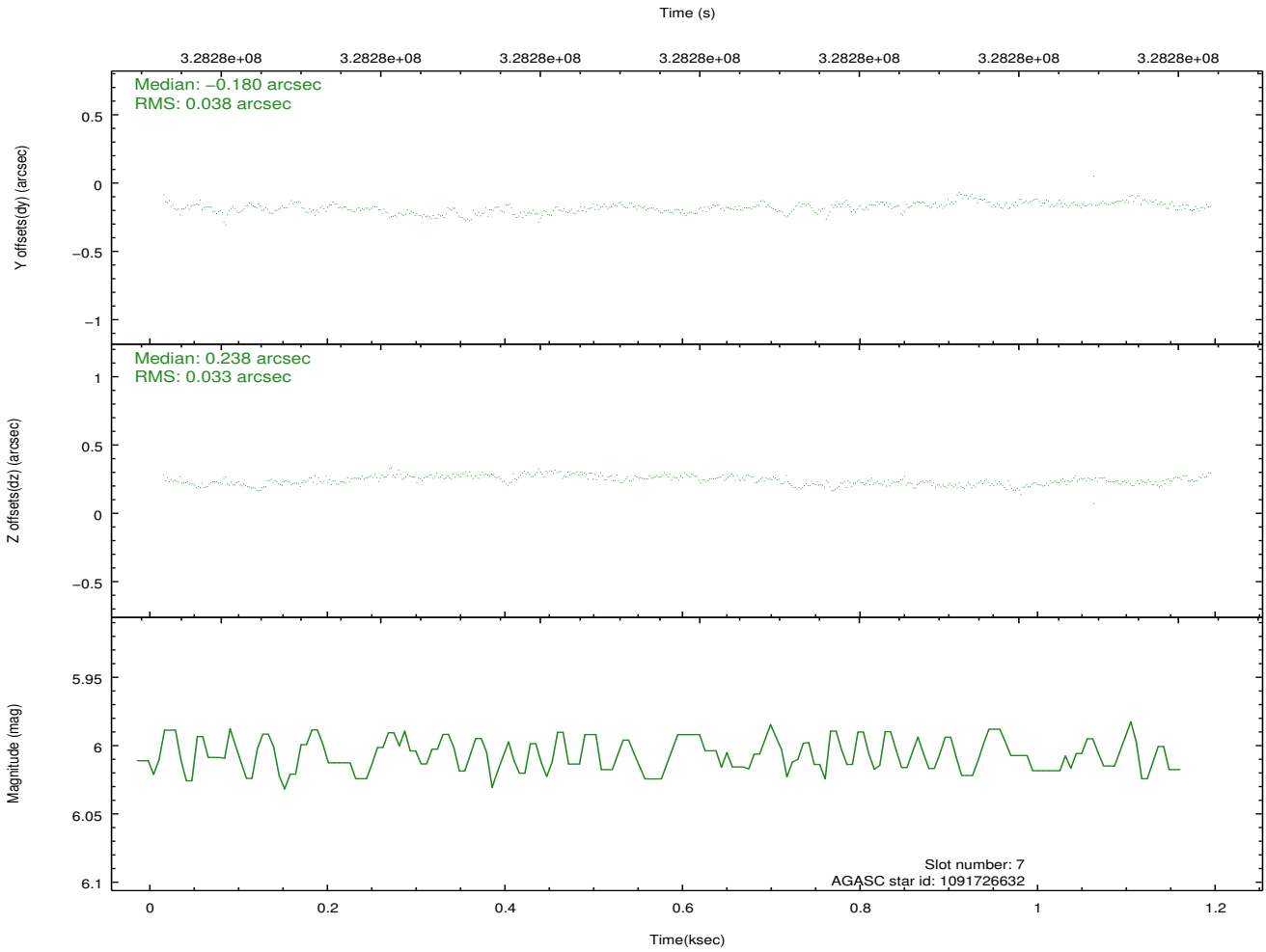
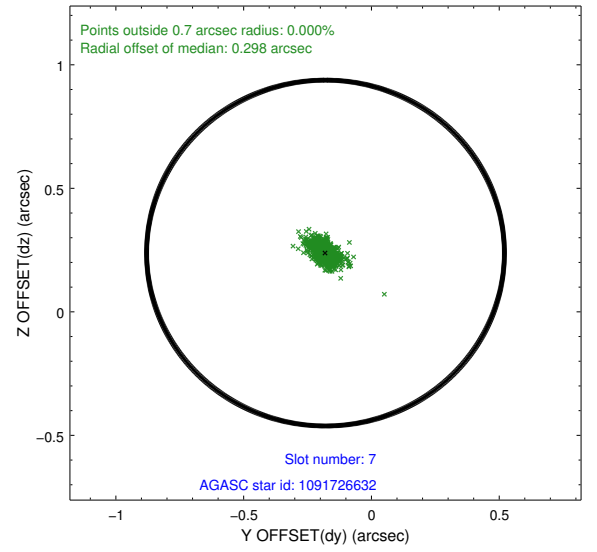
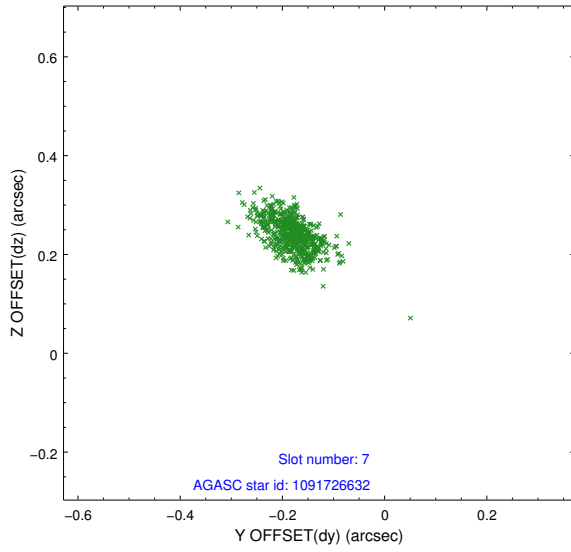
### 2.4.3 Slot 5



## 2.4.4 Slot 6

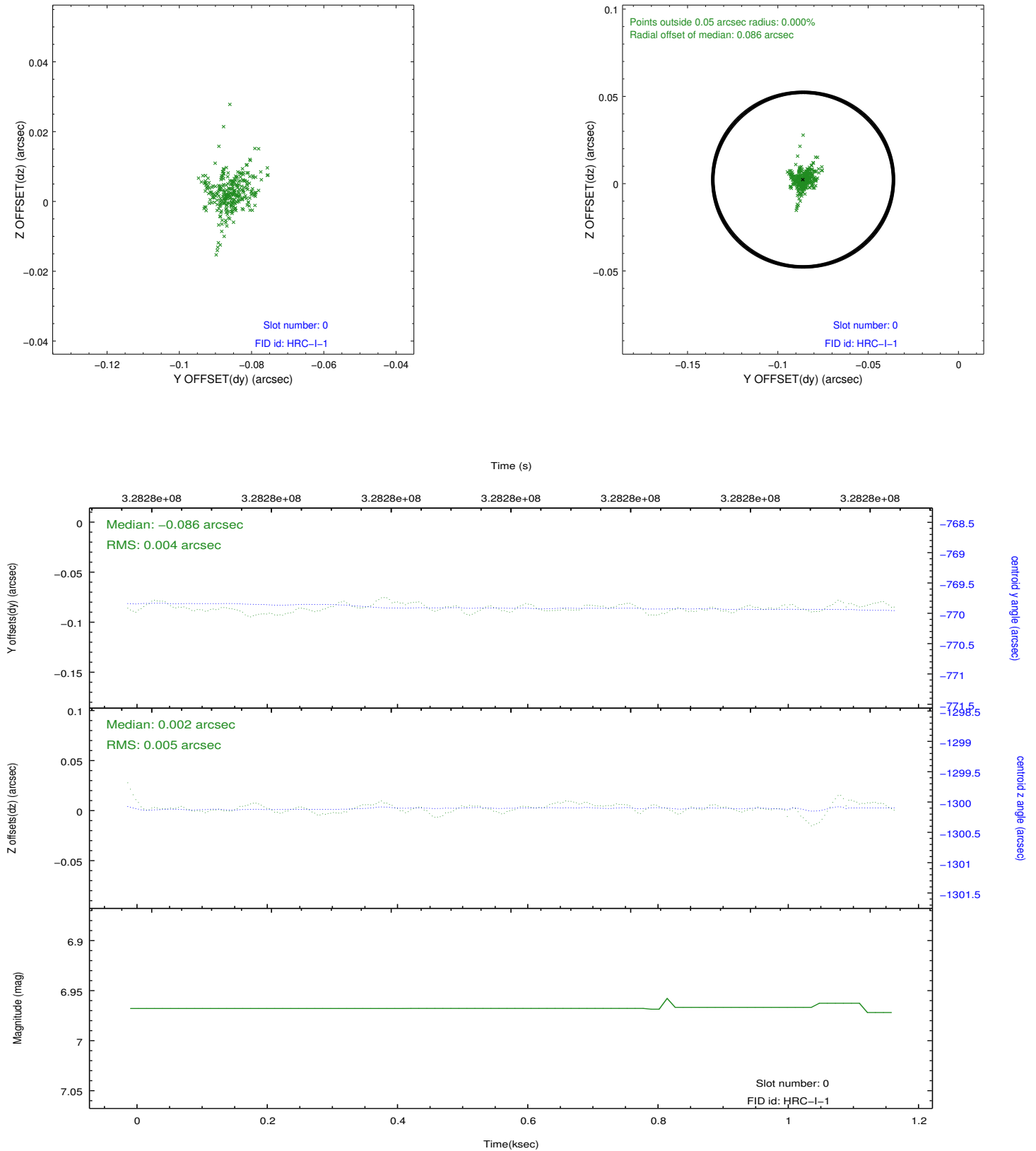


## 2.4.5 Slot 7

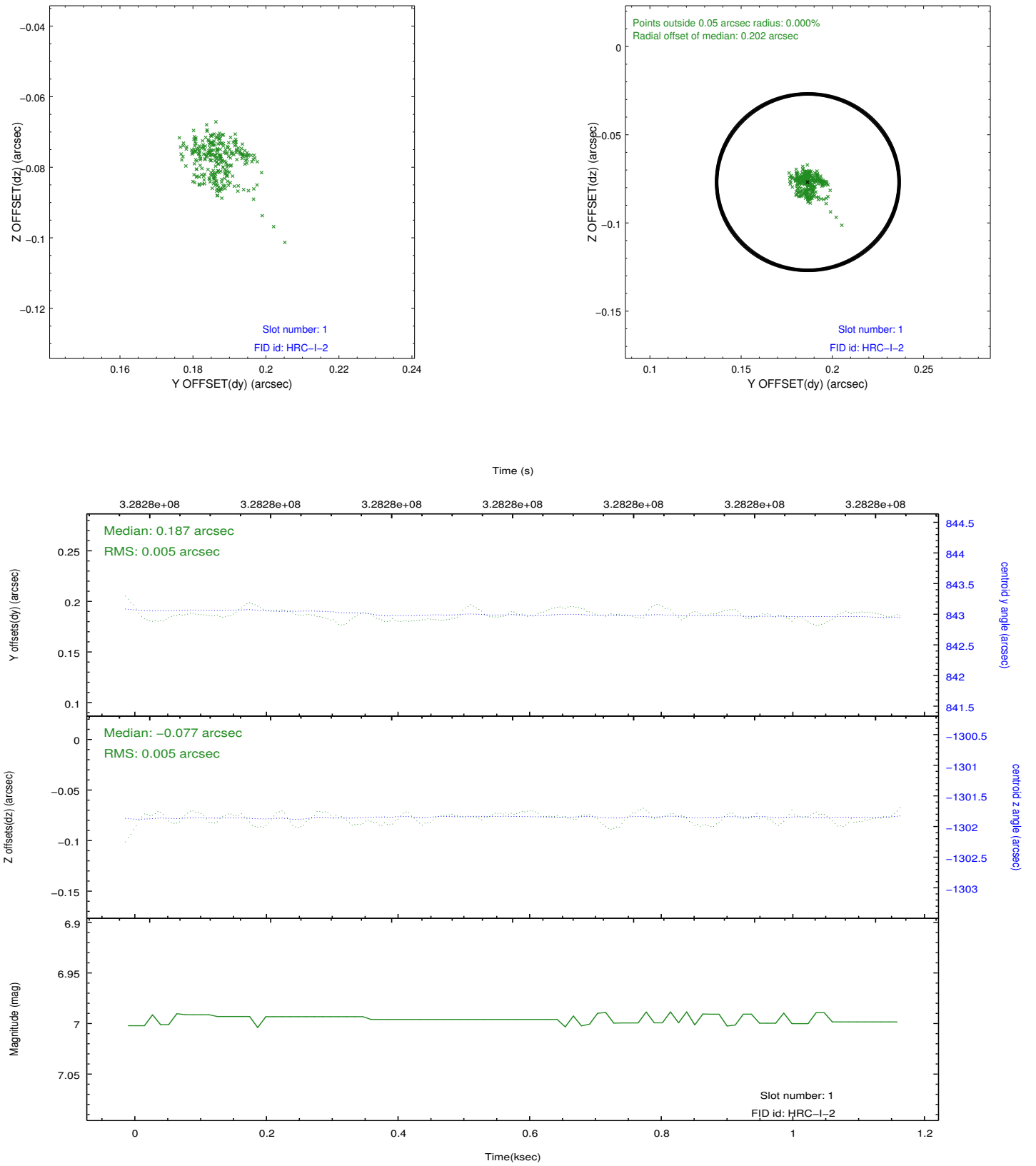


## 2.5 FID Slots

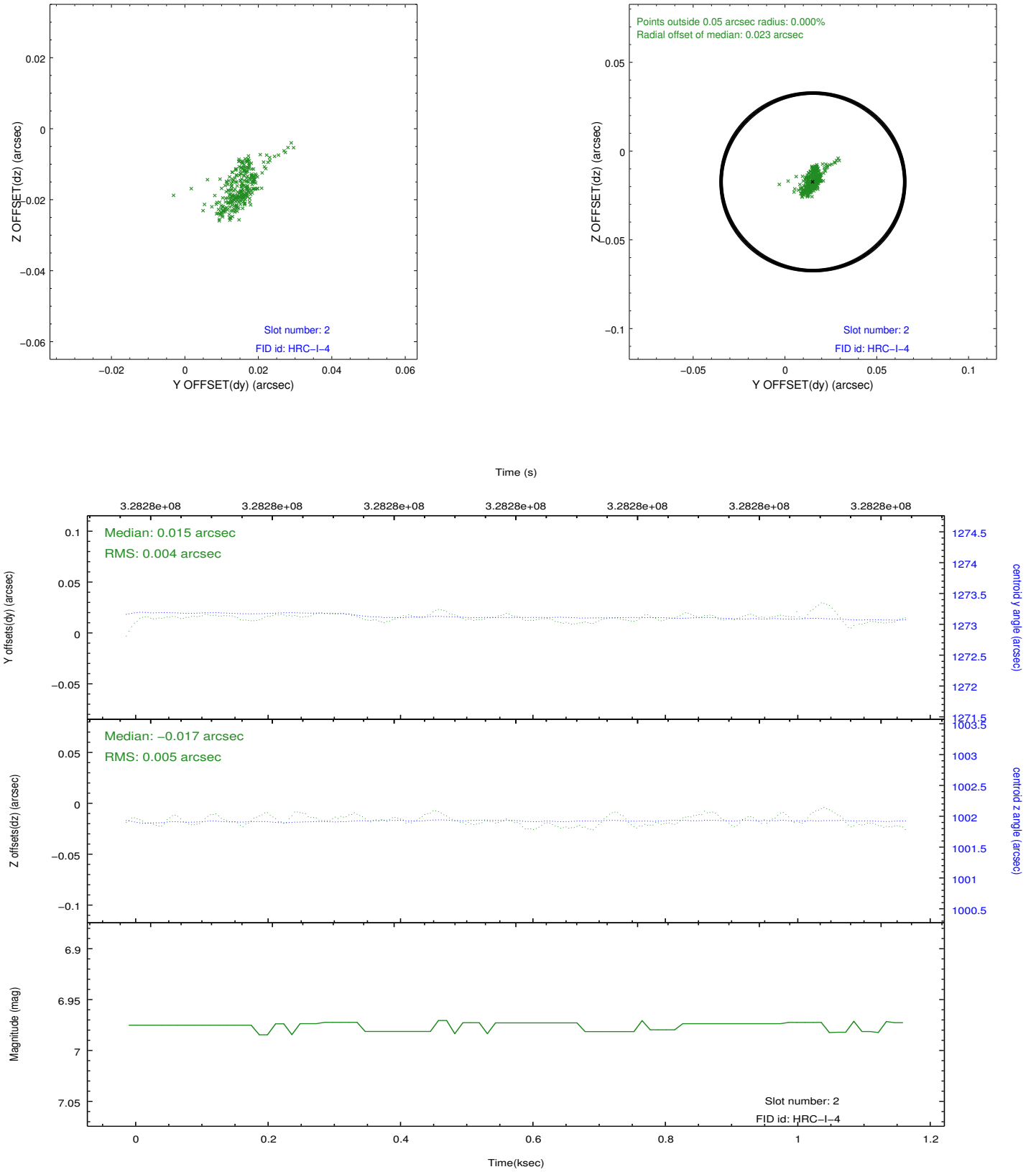
### 2.5.1 Slot 0



## 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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.17977505

### A.2 Comments