

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7397 - L2 Version 3  
Chandra X-Ray Center

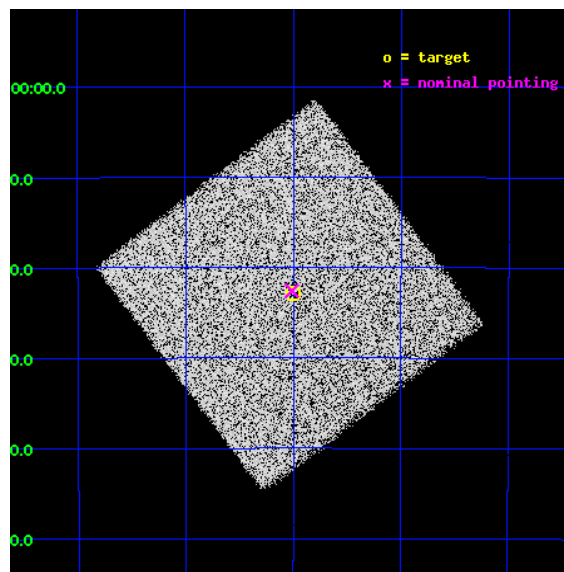
L2 Processing Date : Aug 12 2012

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# 1 Front

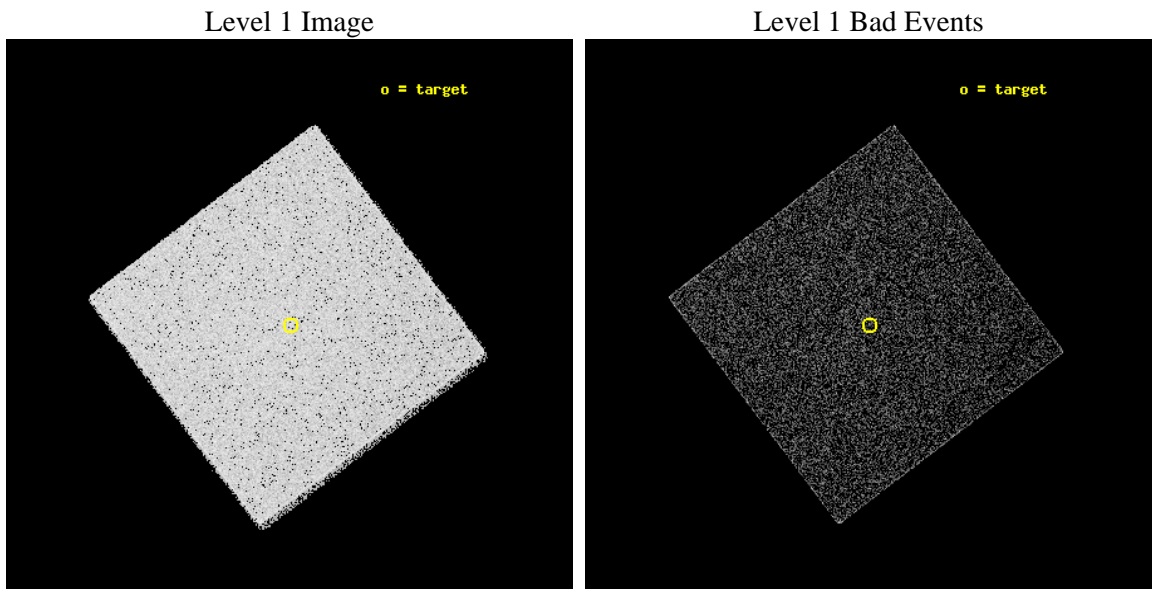
seq_num	400570	Sequence number
obs_id	7397	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	XTE J1743-363	Source name
ra_targ	265.750833	Observer's specified target RA [deg]
dec_targ	-36.380833	Observer's specified target Dec [deg]
ra_nom	265.75295223204	Nominal RA [deg]
dec_nom	-36.376154073015	Nominal Dec [deg]
roll_nom	97.887195321704	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1184.1313075423	[s]
livetime	1172.0430276317	Ontime multiplied by DTCOR
l2events	70683	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	1184.1313075423	[s]
caldsver	4.5.1.1	&#160	l1events	221953	Number of level 1 events
date	2012-08-12T10:14:52	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

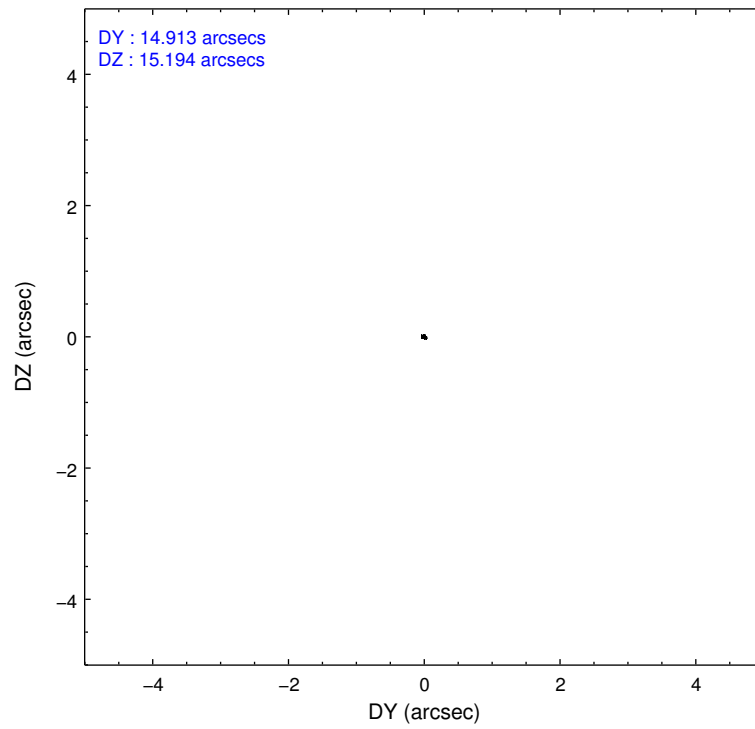
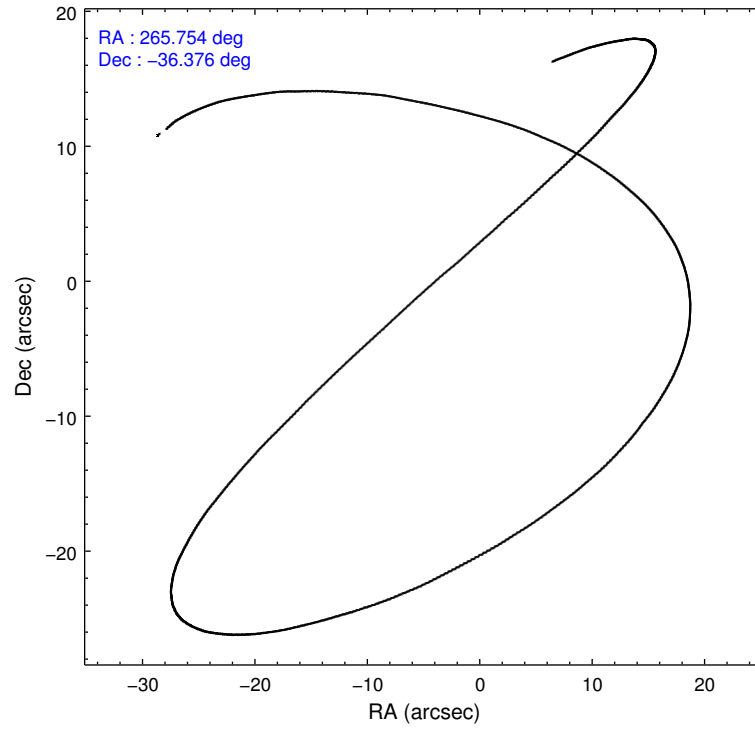
#### Level 1 Events

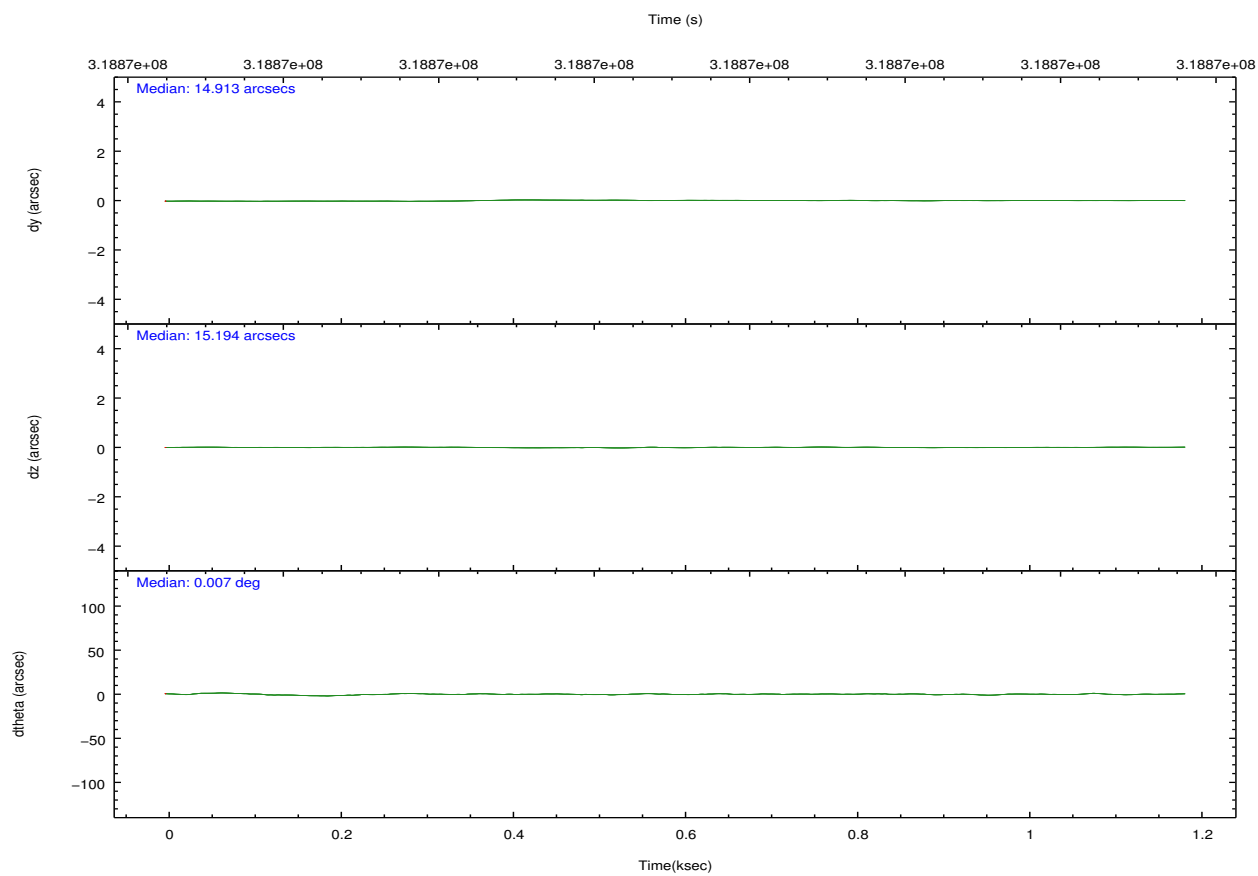
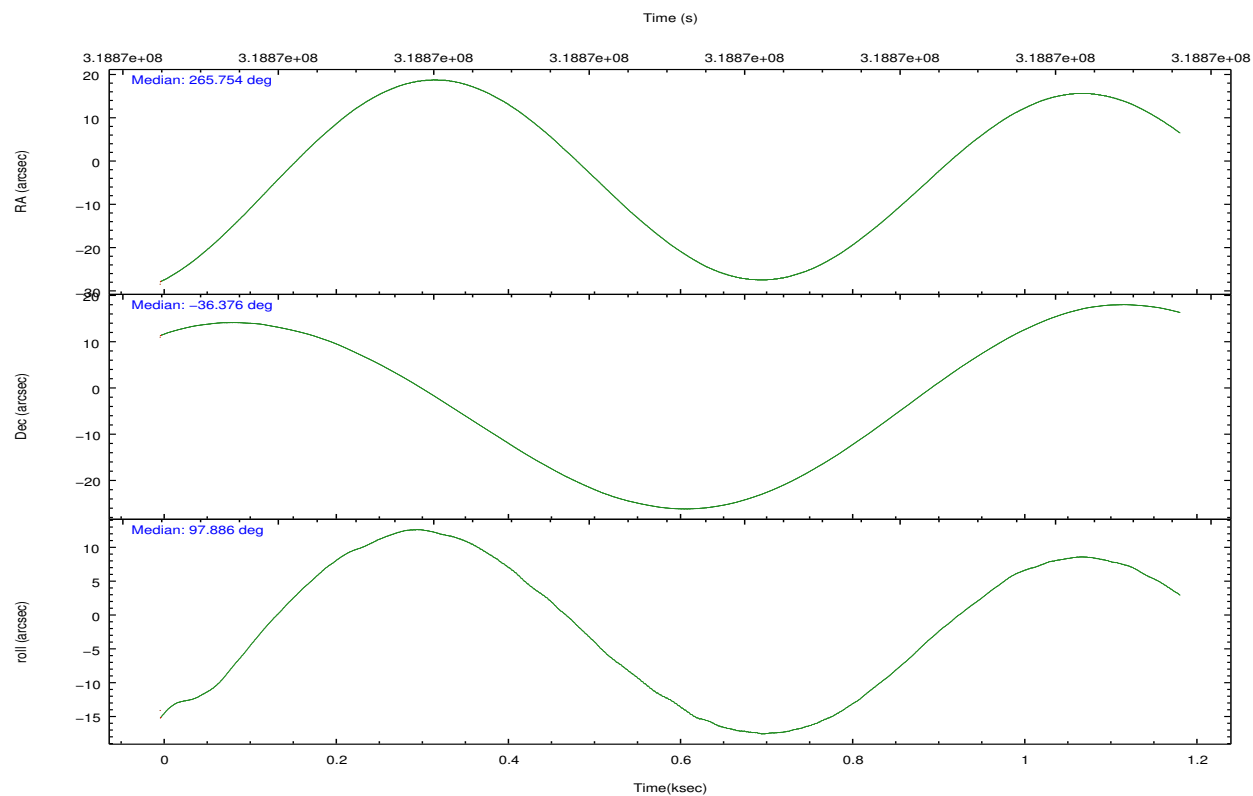
	<b>segment 0</b>
level 1 events	221953
rejected events	117720
rejected %	53%

## 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	265.773442	265.7529522320408			
[deg] Pointing Dec	-36.397795	-36.37615407301504			
[deg] Pointing Roll	97.994845	97.88719532170364			
[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)	318867893.184000	318867353.33952			
Observation start date	2008-02-08T14:23:48	2008-02-08T14:15:53			
[s] Observation end time (MET)	318868893.184000	318869866.12714			
Observation end date	2008-02-08T14:40:28	2008-02-08T14:57:46			

## 2.3 Aspect



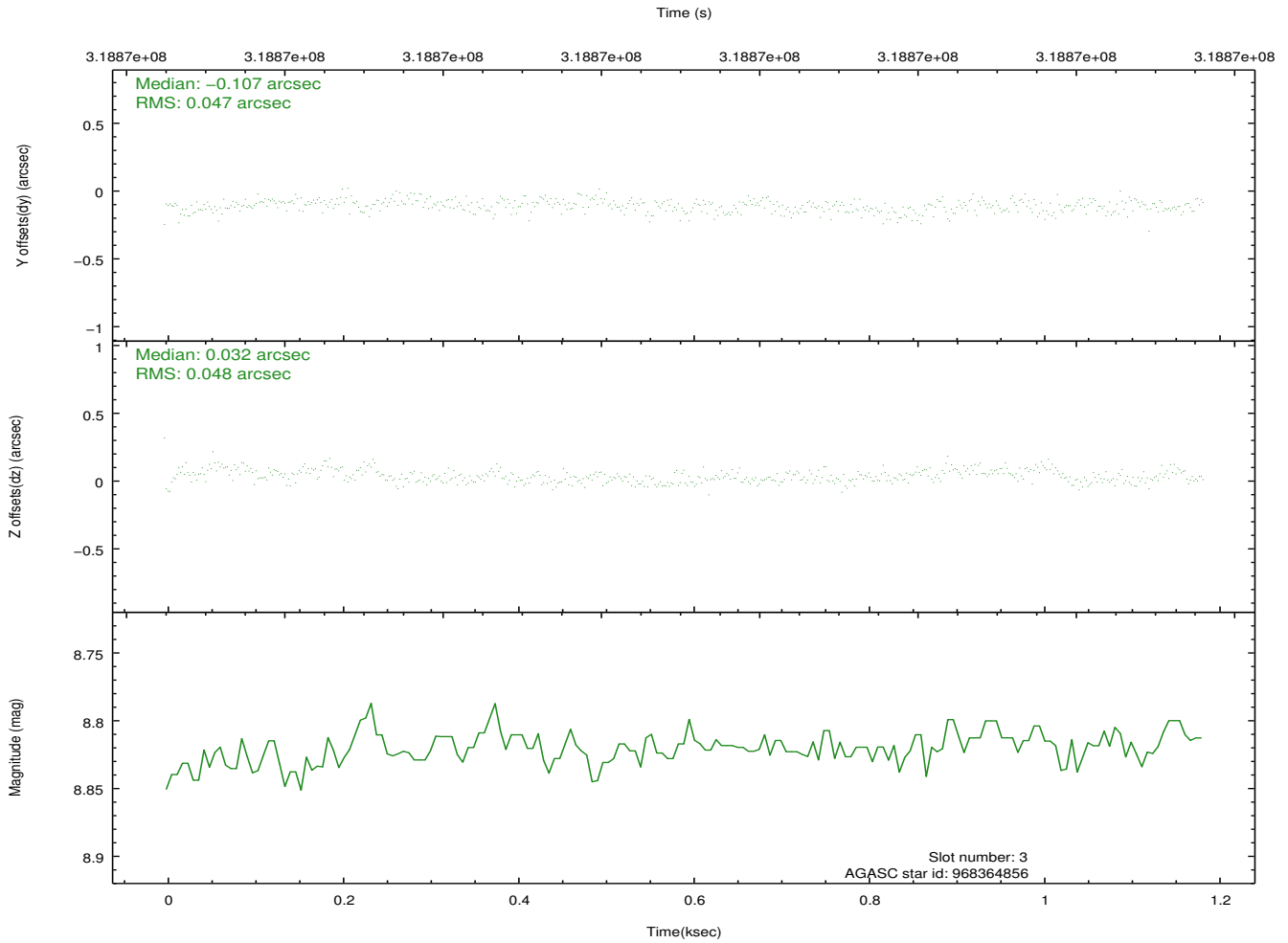
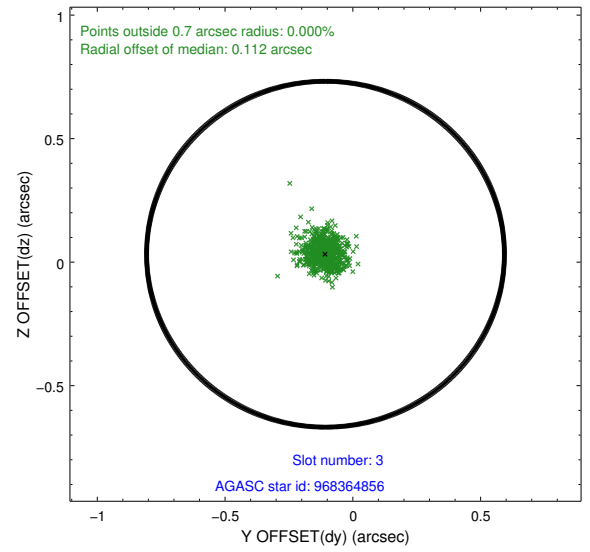
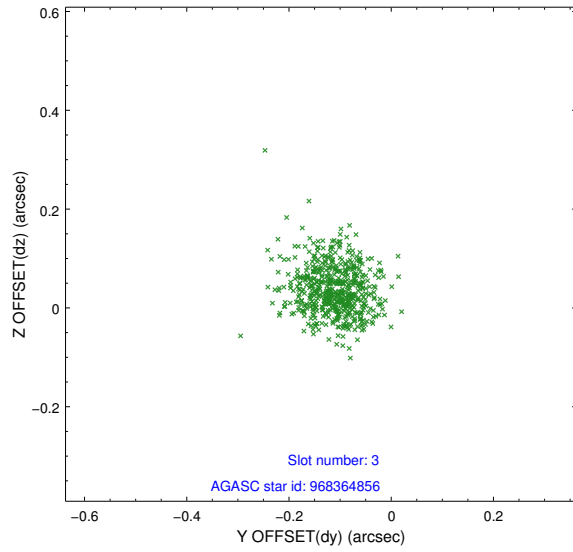


### Slot Statistics

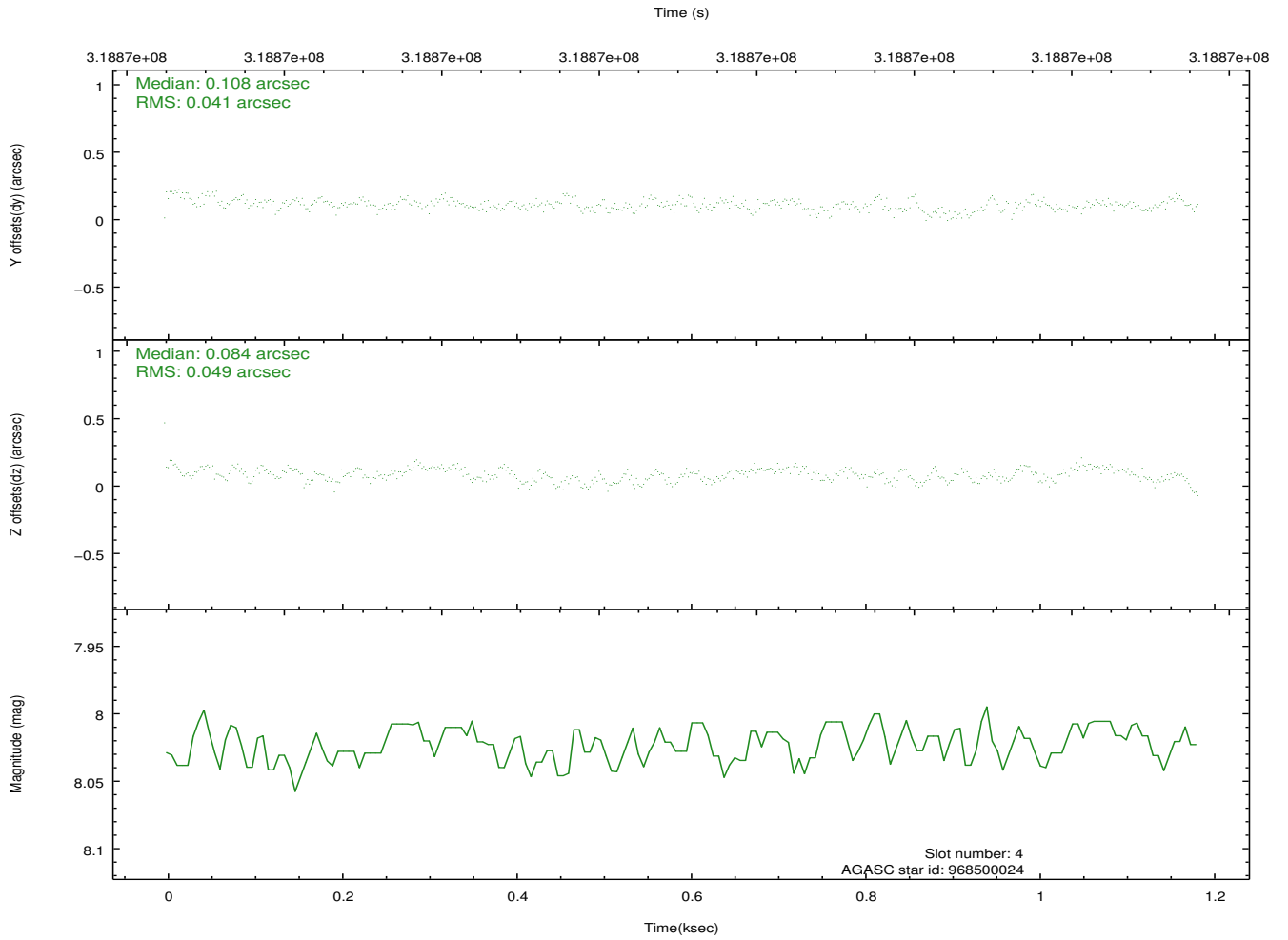
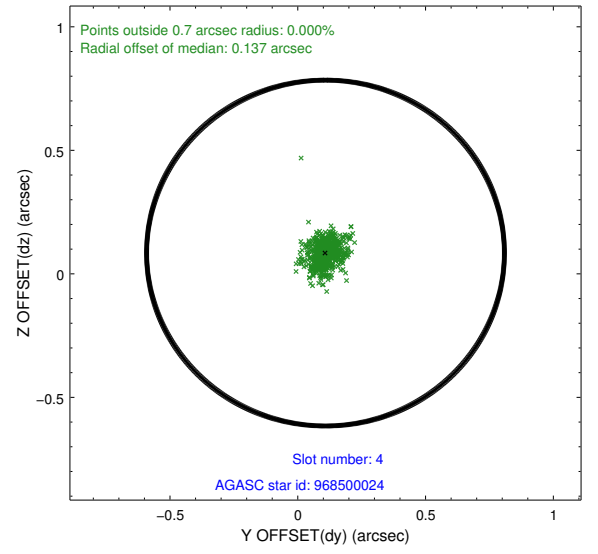
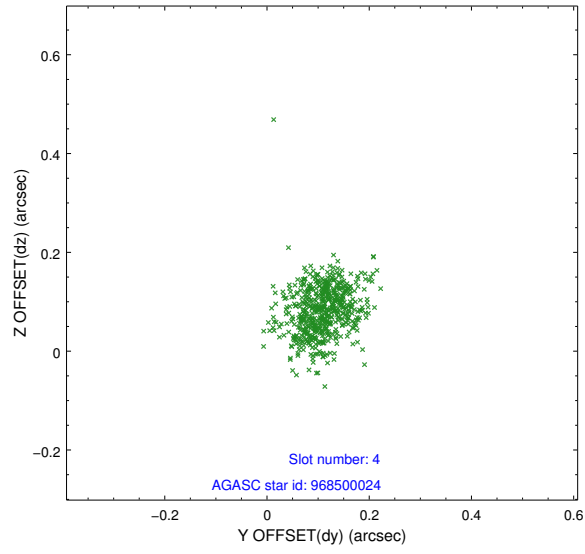
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	-0.088	-0.005	0.008	0.014	0.000000	0.000000	-770.76	-1303.31
1	FID	HRC-I-2	7.03	290	0.206	-0.080	0.007	0.013	0.000000	0.000000	839.51	-1309.40
2	FID	HRC-I-3	7.08	290	0.001	-0.005	0.007	0.013	0.000000	0.000000	-1196.33	996.73
3	GUIDE	968364856	8.82	579	-0.107	0.032	0.071	0.117	265.205004	-35.939408	1858.19	1414.88
4	GUIDE	968500024	8.02	579	0.108	0.084	0.065	0.107	266.017456	-36.772802	-1433.79	-503.58
5	GUIDE	968500640	8.91	579	0.215	0.207	0.107	0.166	266.522838	-36.659039	-1244.39	-2009.03
6	GUIDE	968501232	7.86	579	-0.104	-0.203	0.056	0.092	265.517463	-36.171272	906.31	622.62
7	GUIDE	968504816	7.82	578	-0.111	-0.110	0.063	0.101	265.575251	-35.801141	2206.99	278.29

## 2.4 Star Slots

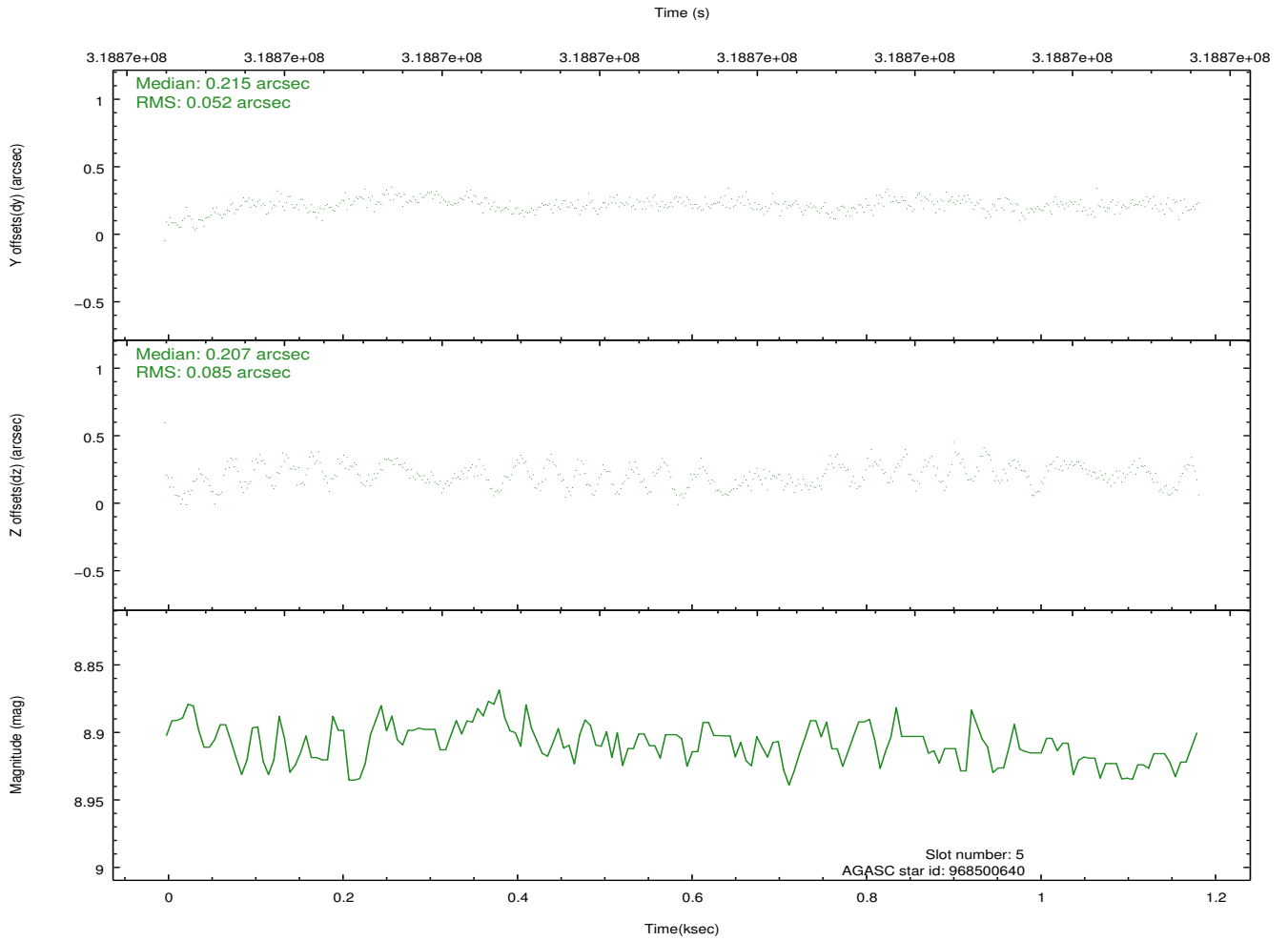
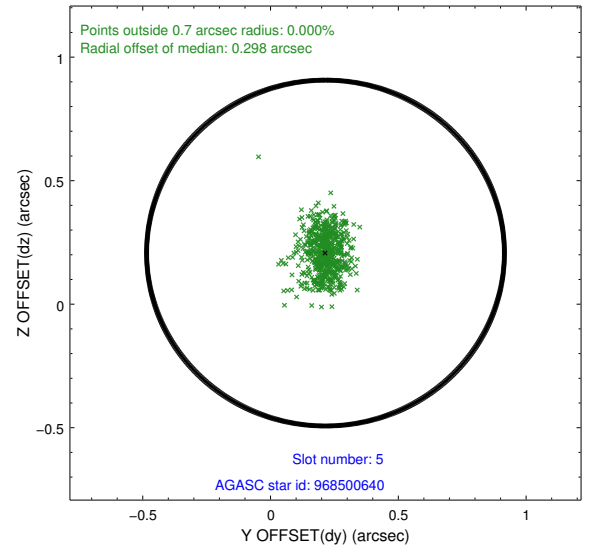
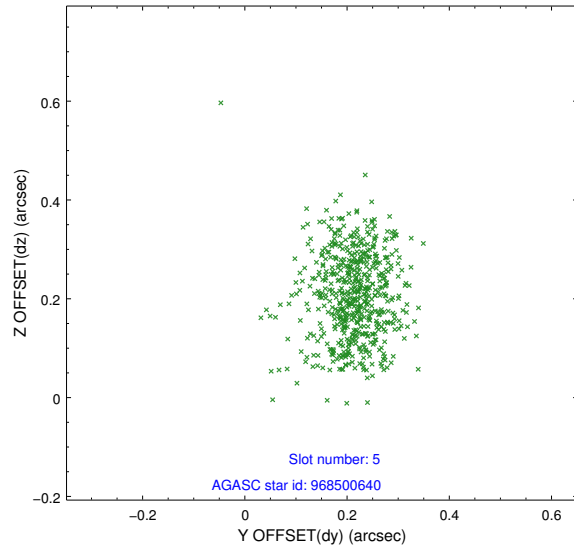
### 2.4.1 Slot 3



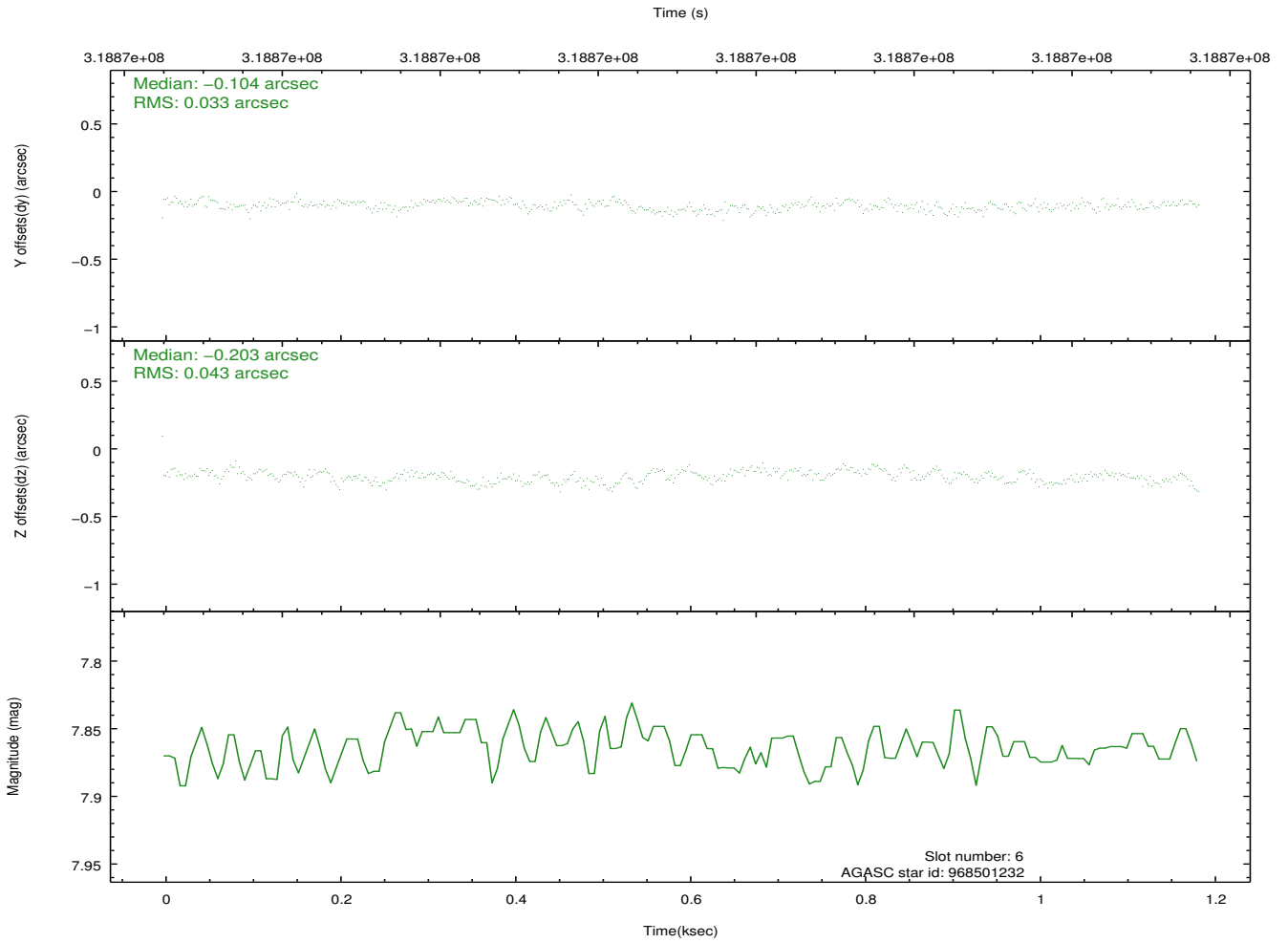
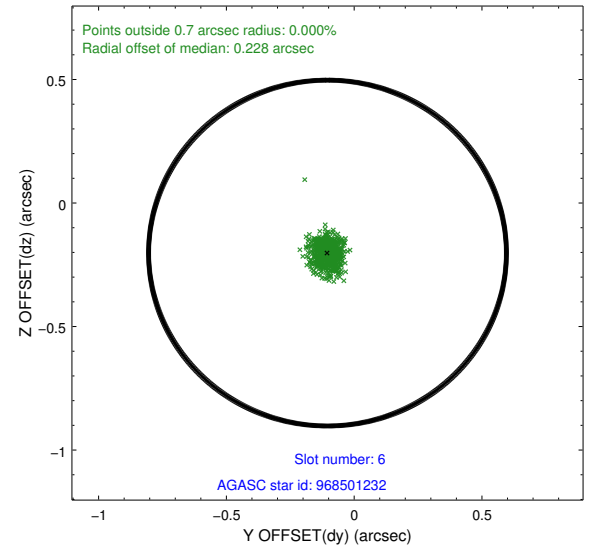
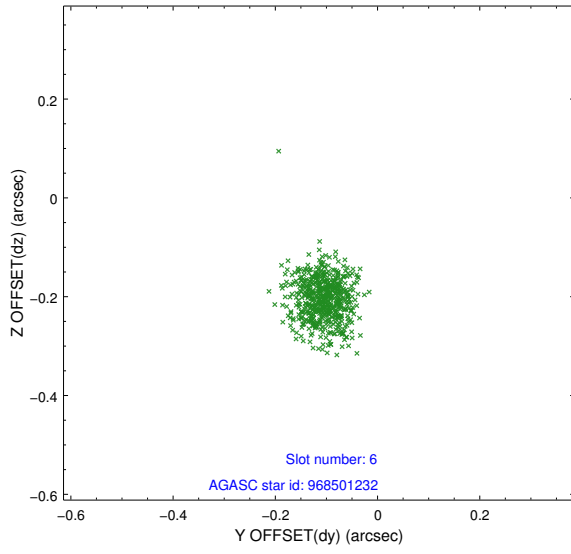
## 2.4.2 Slot 4



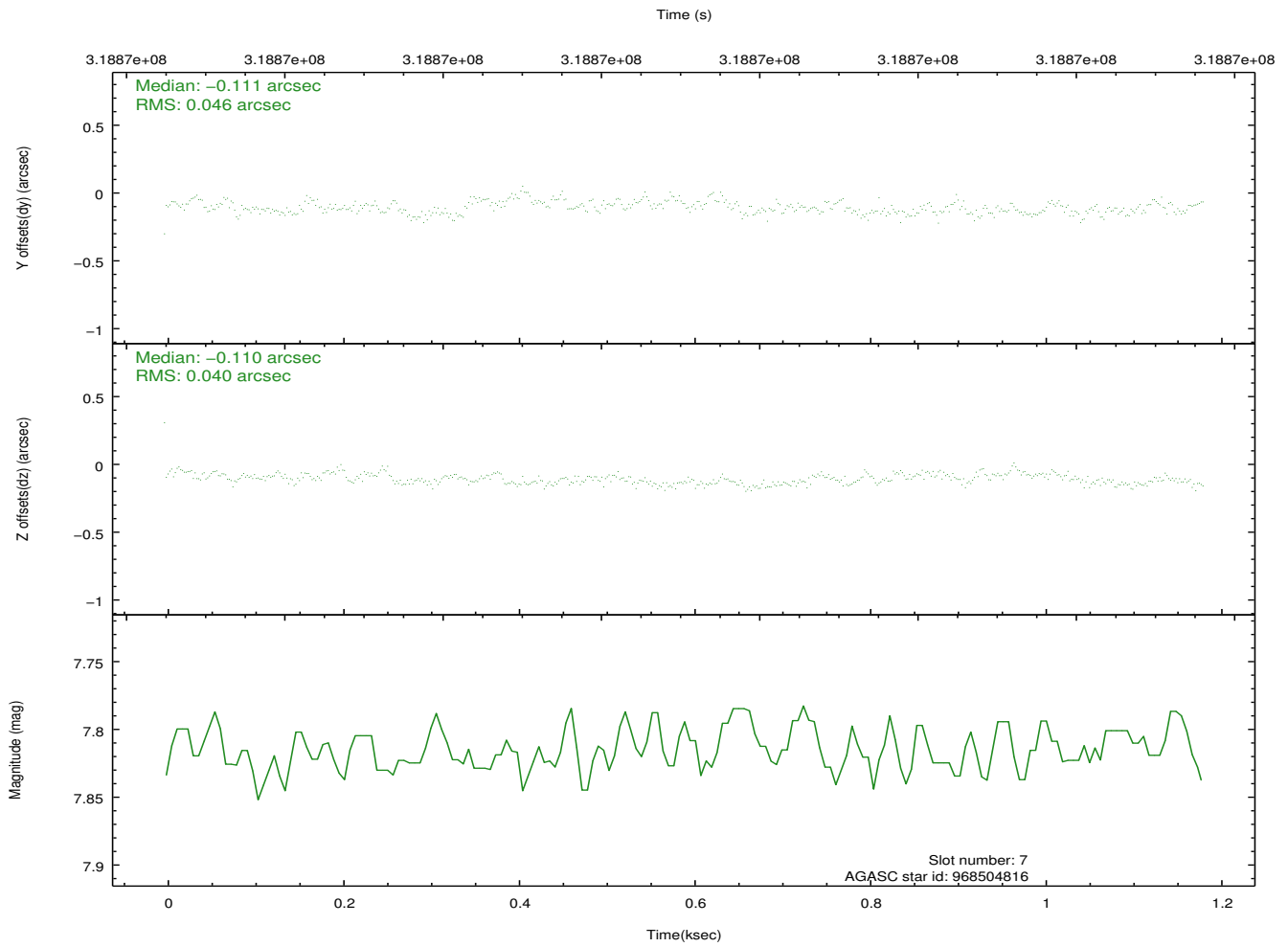
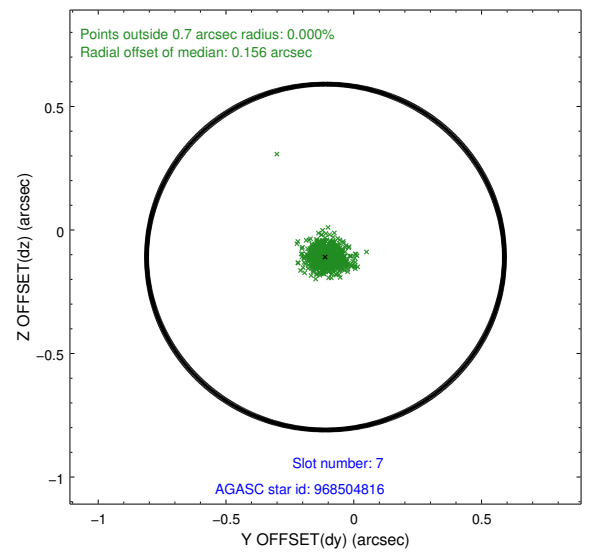
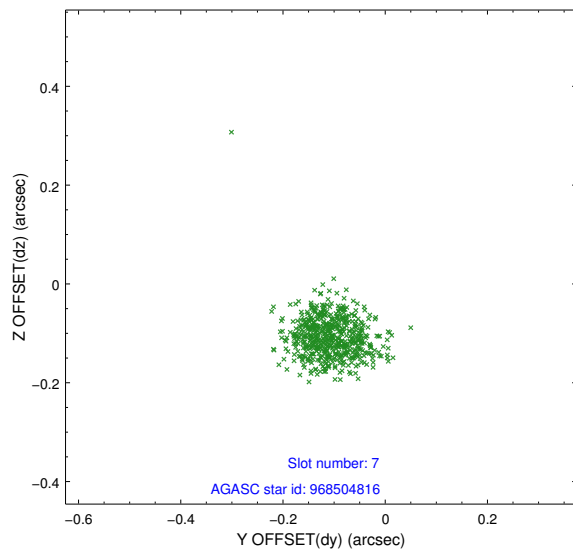
### 2.4.3 Slot 5



## 2.4.4 Slot 6

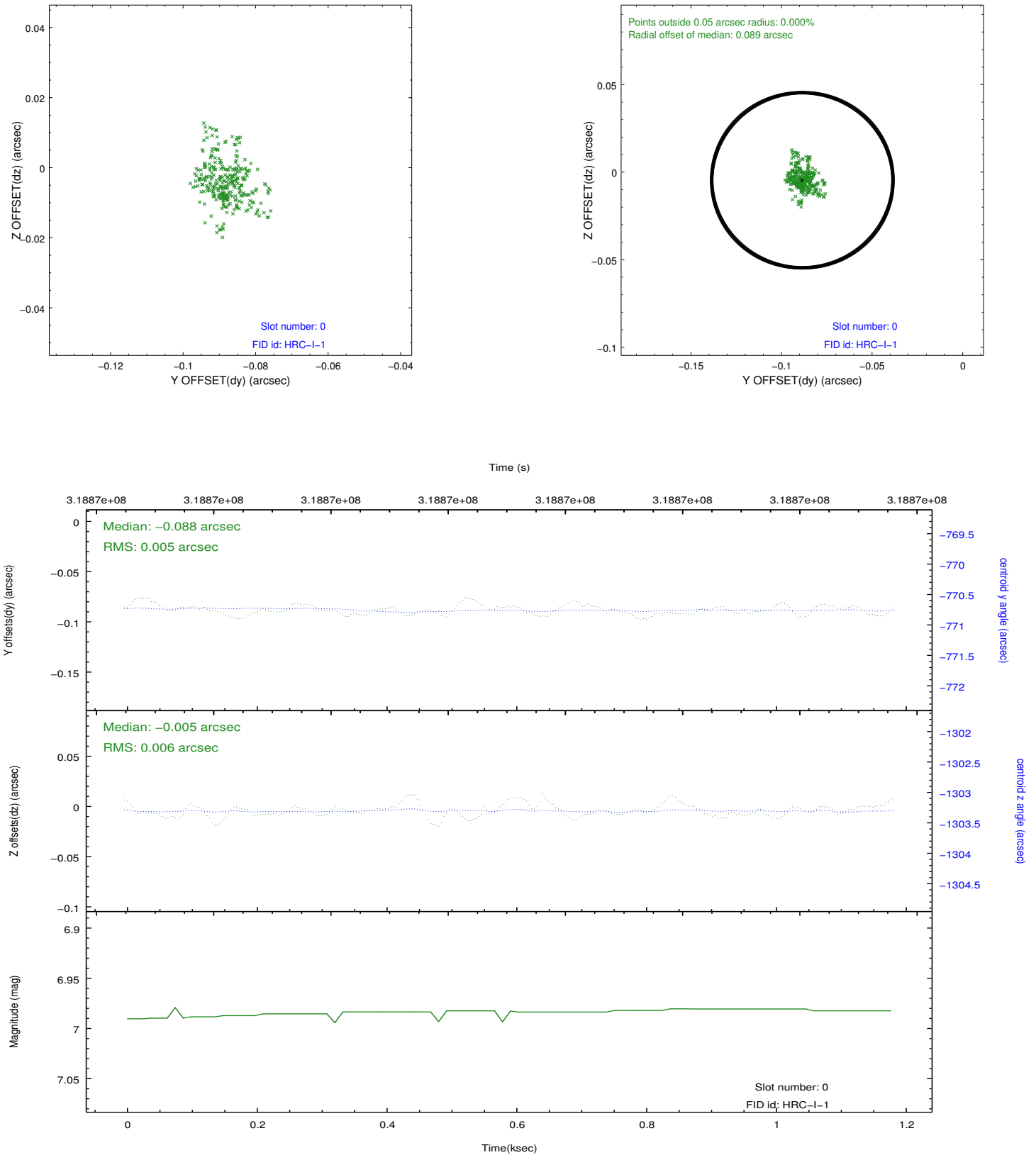


## 2.4.5 Slot 7

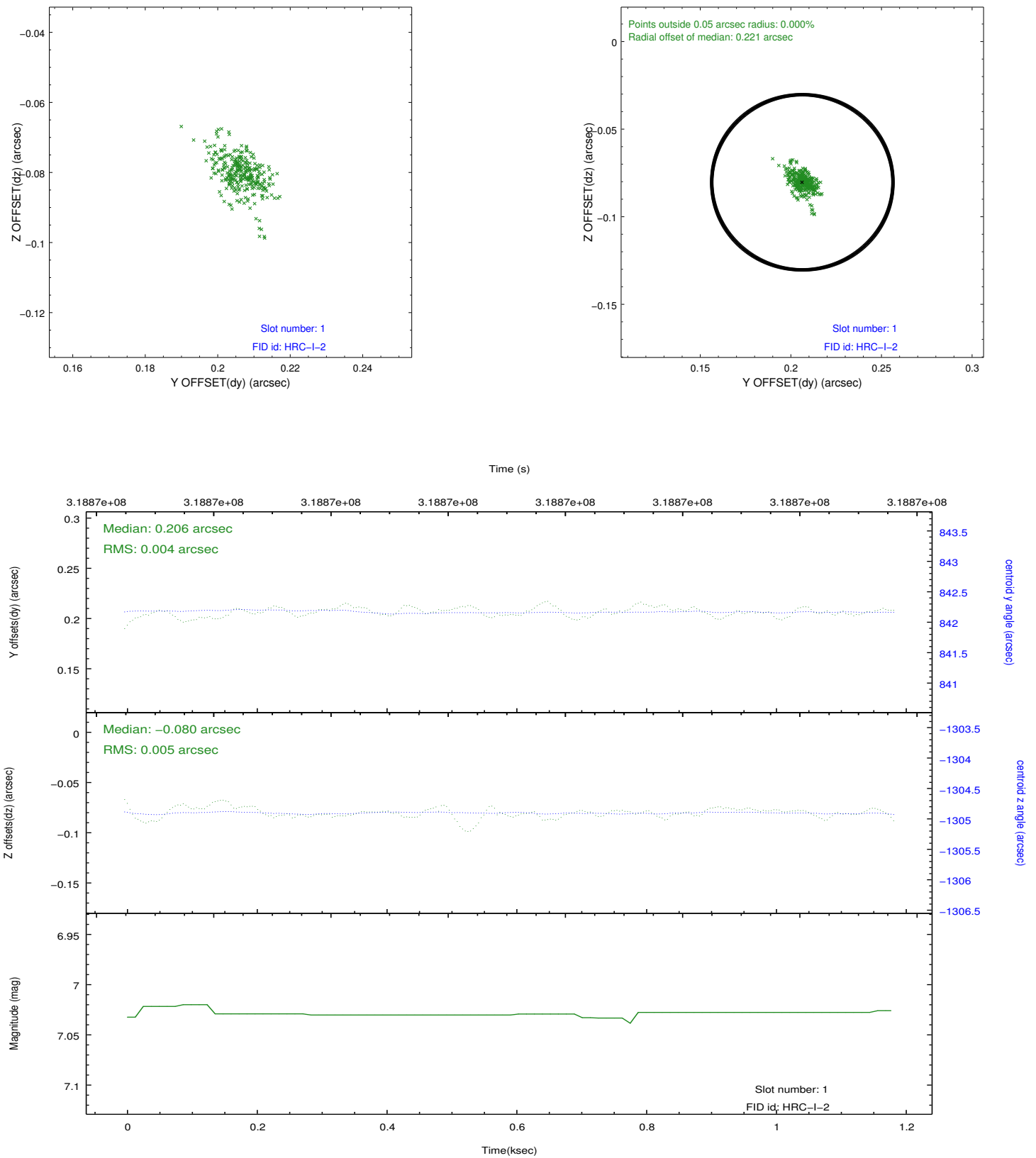


## 2.5 FID Slots

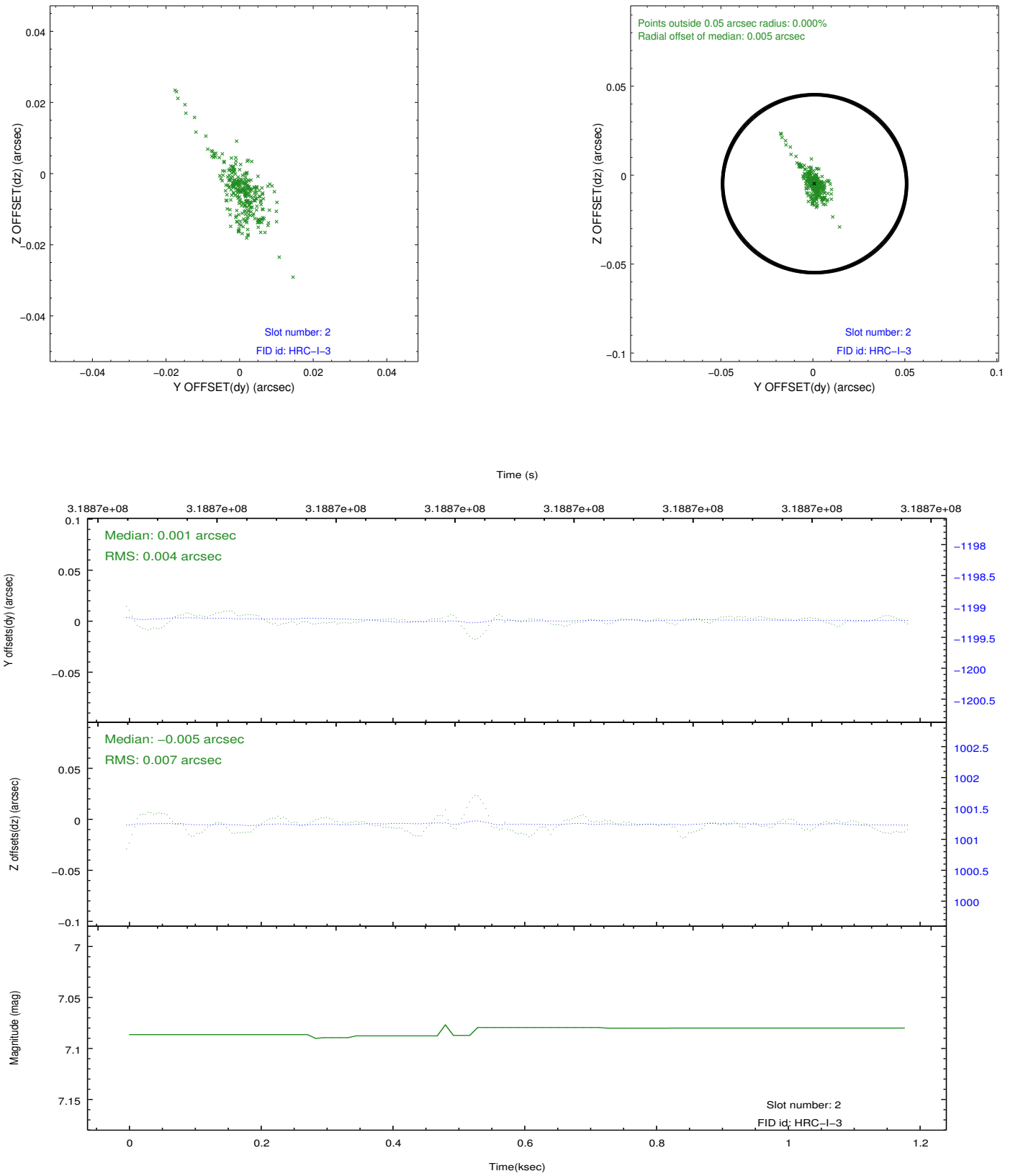
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313

### A.2 Comments