

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 10083 - L2 Version 3  
Chandra X-Ray Center

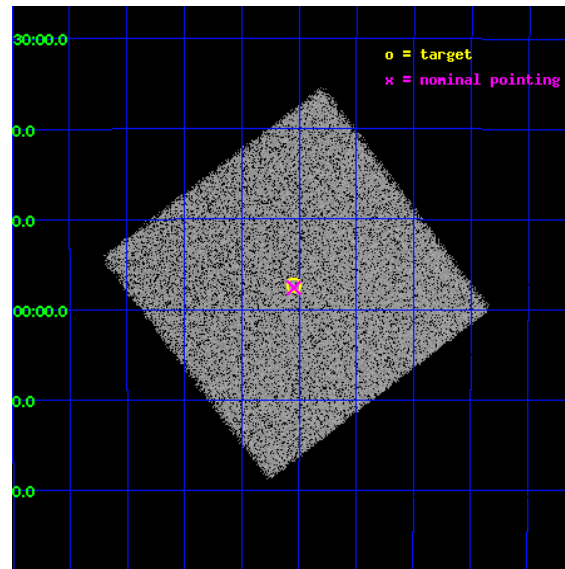
L2 Processing Date : Aug 13 2012

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# 1 Front

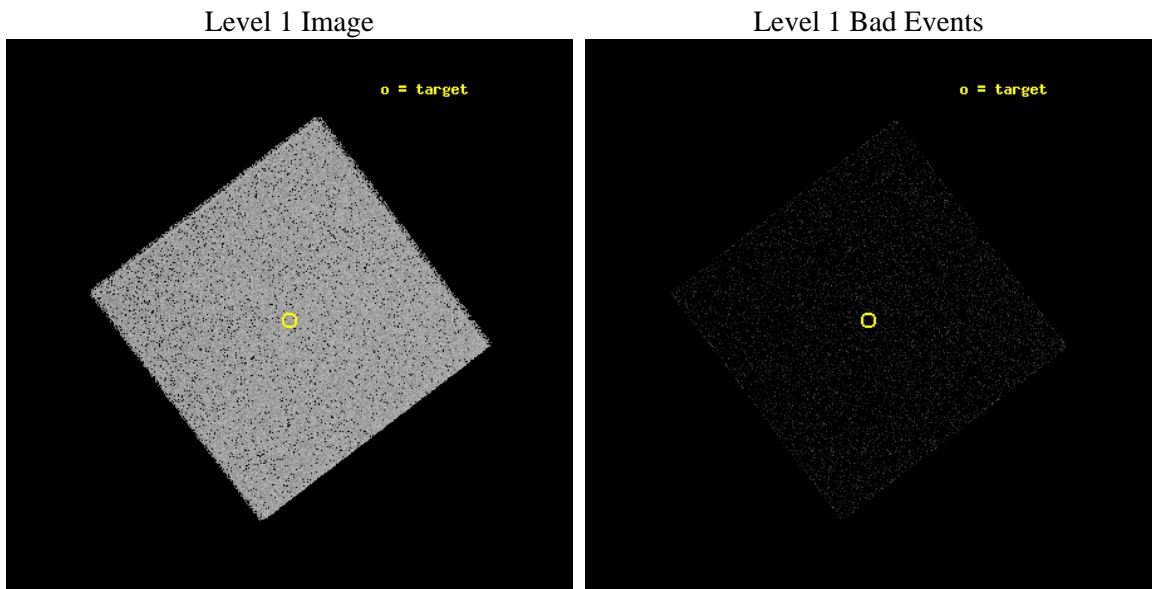
seq_num	401046	Sequence number
obs_id	10083	Observation id
title	Precise Chandra position determinations of compact binary candidates-faint persistent INTEGRAL sources in the bulge	Proposal title
observer	Dr. Mikhail Revnivtsev	Principal investigator
object	IGR J17585-3057	Source name
ra_targ	269.635833	Observer's specified target RA [deg]
dec_targ	-30.956	Observer's specified target Dec [deg]
ra_nom	269.63598765397	Nominal RA [deg]
dec_nom	-30.960100420896	Nominal Dec [deg]
roll_nom	277.69336500773	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1184.1313092709	[s]
livetime	1169.7992909388	Ontime multiplied by DTCOR
l2events	88709	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	1184.1313092709	[s]
caldbver	4.5.1.1	&#160	l1events	197341	Number of level 1 events
date	2012-08-13T11:28:37	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

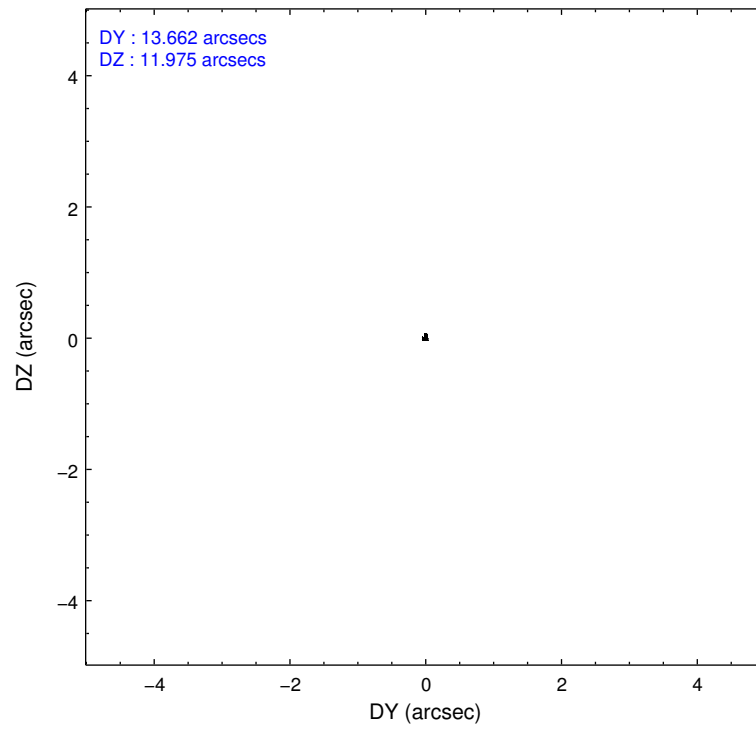
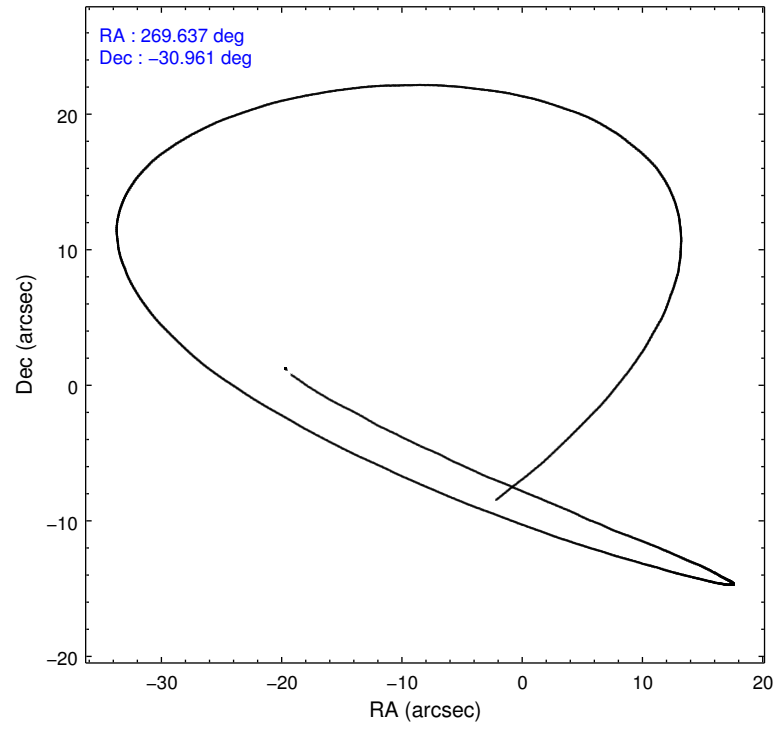
	<b>segment 0</b>
level 1 events	197341
rejected events	68053
rejected %	34%

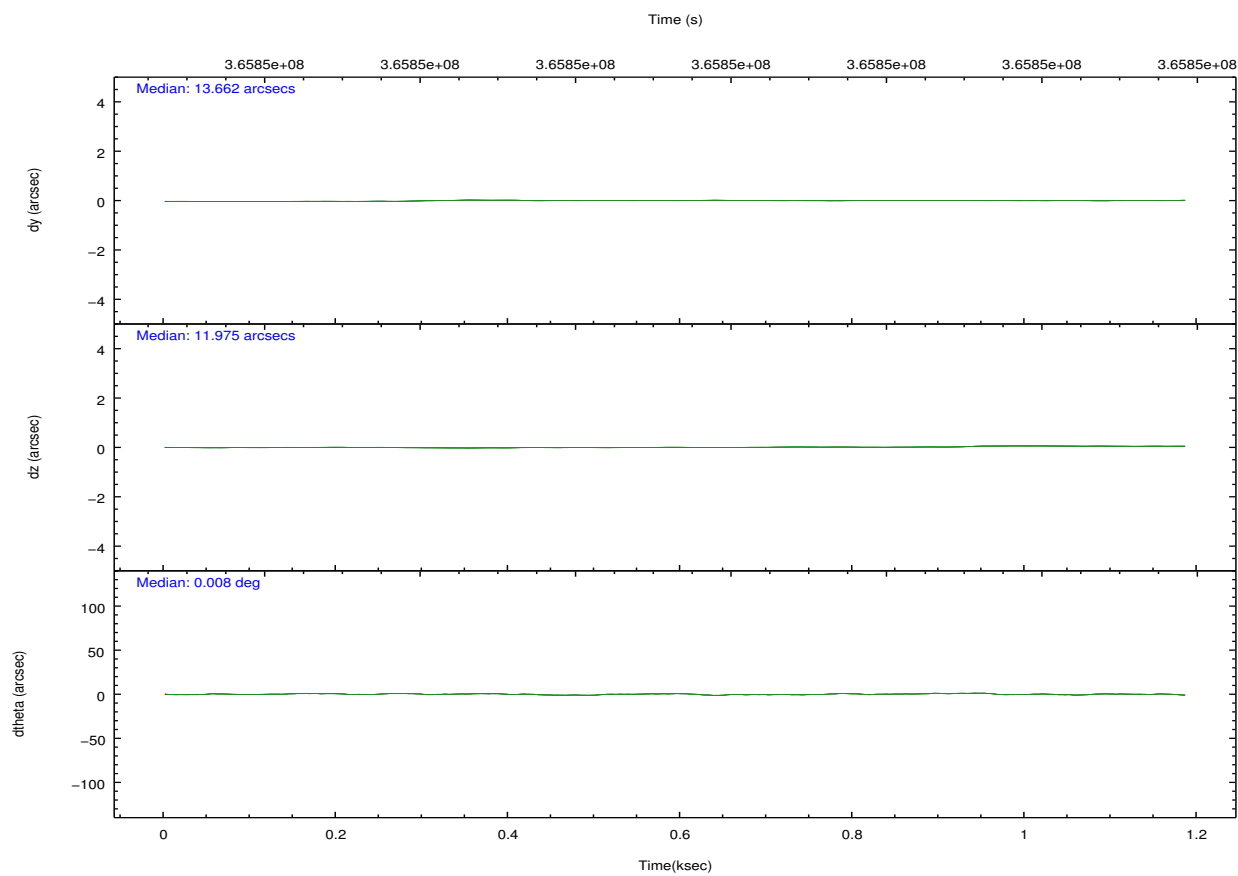
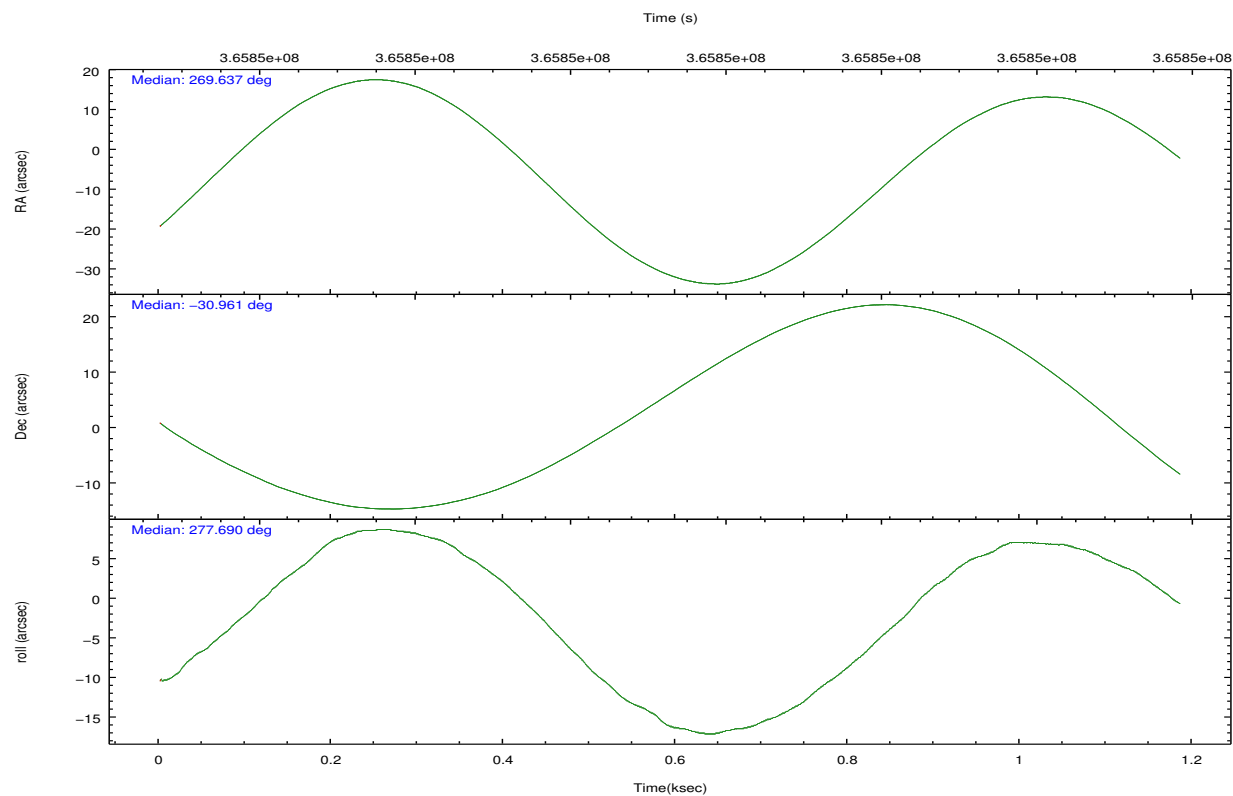
## 2.2 Compared Parameters

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	269.614677	269.6359876539746
[deg] Pointing Dec	-30.938969	-30.96010042089619
[deg] Pointing Roll	277.777896	277.6933650077302
[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)	365848124.184000	365847610.30301
Observation start date	2009-08-05T08:27:38	2009-08-05T08:20:10
[s] Observation end time (MET)	365849124.184000	365849418.4031
Observation end date	2009-08-05T08:44:18	2009-08-05T08:50:18

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

## 2.3 Aspect



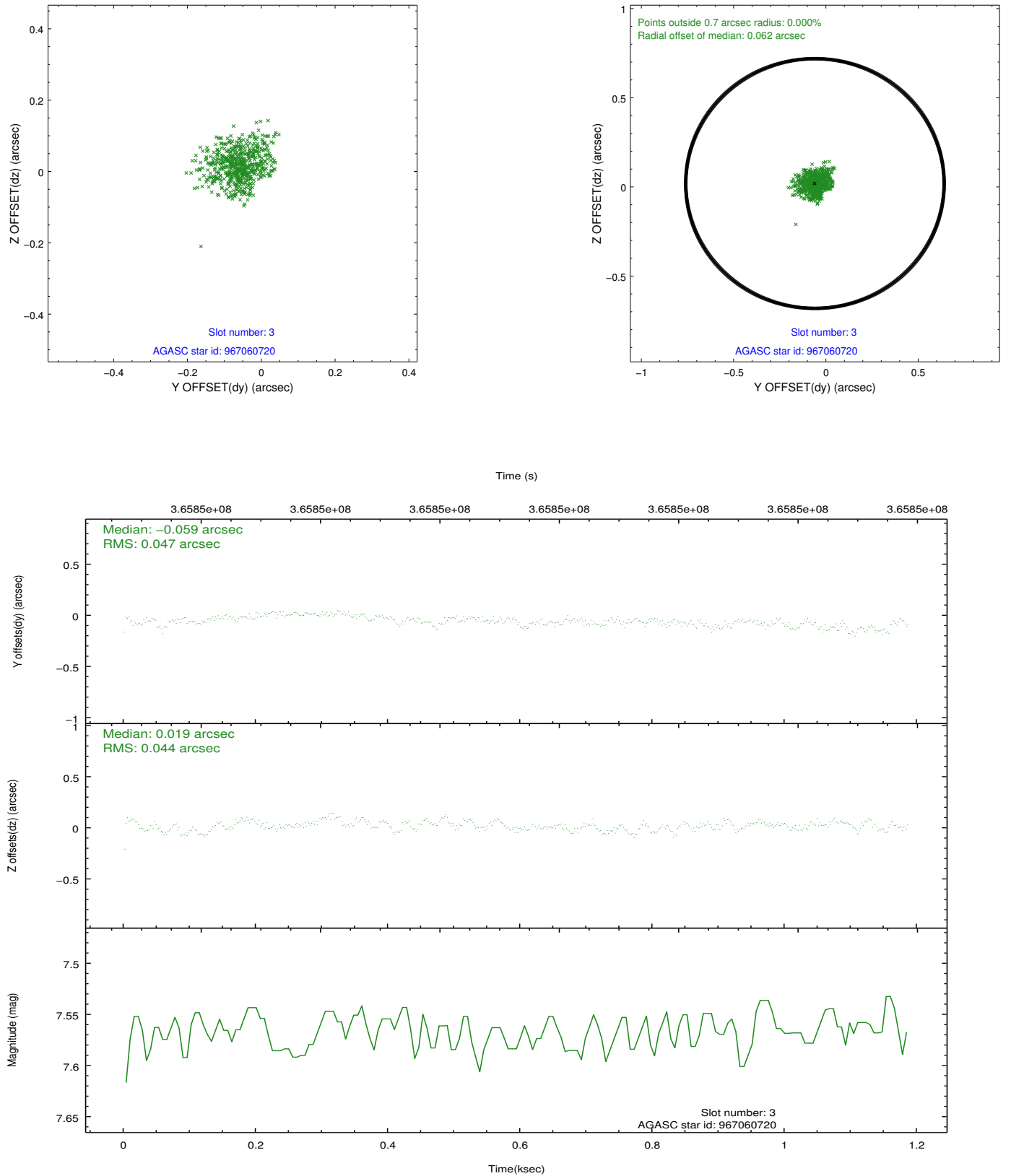


### Slot Statistics

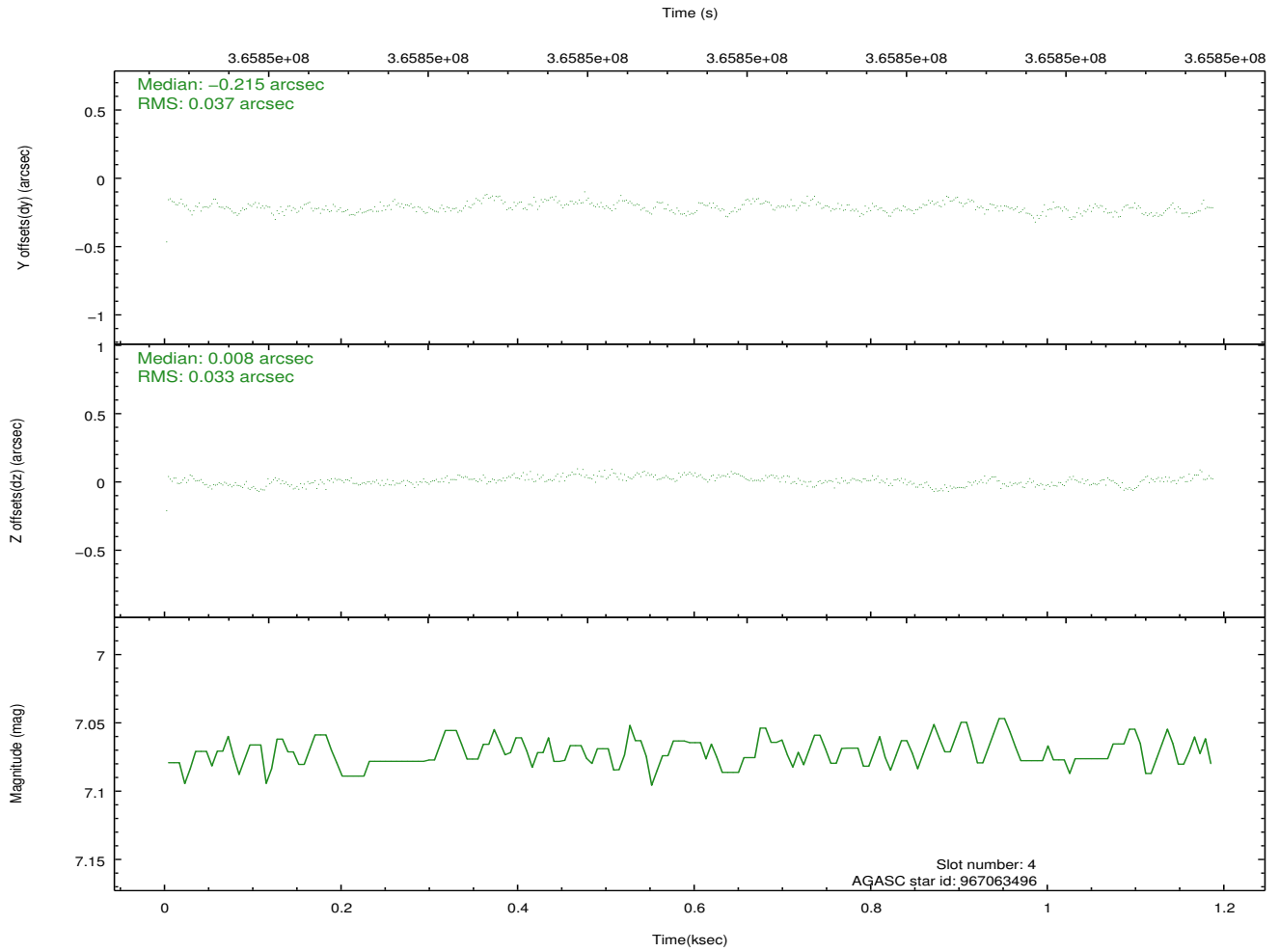
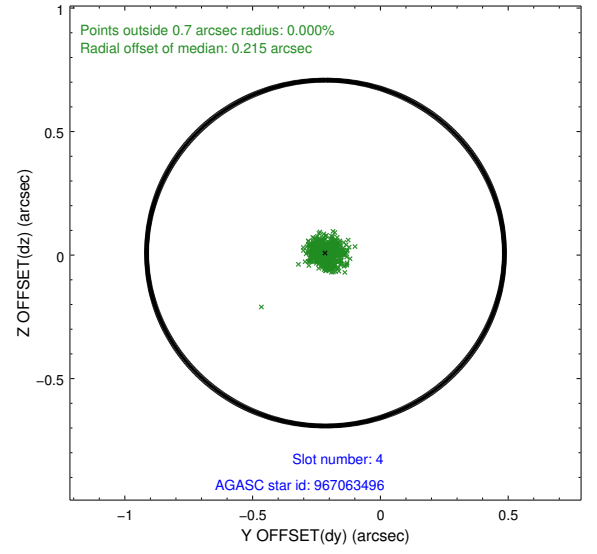
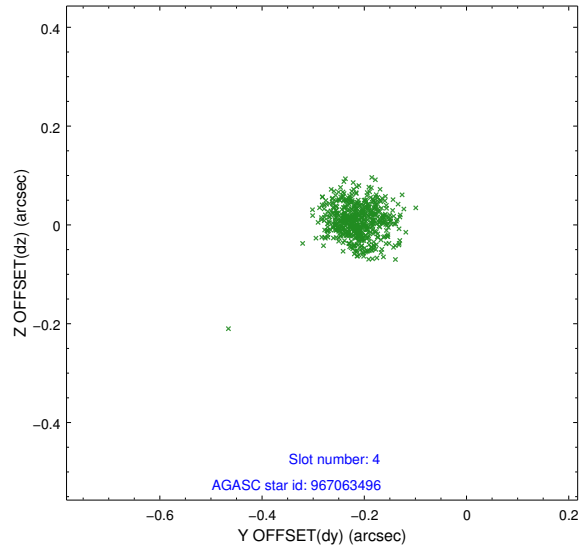
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	-0.068	0.014	0.007	0.013	0.000000	0.000000	-769.48	-1299.97
1	FID	HRC-I-2	7.02	290	0.253	-0.159	0.007	0.011	0.000000	0.000000	840.82	-1306.19
2	FID	HRC-I-3	7.08	289	-0.066	0.056	0.006	0.011	0.000000	0.000000	-1195.07	1000.11
3	GUIDE	967060720	7.57	579	-0.059	0.019	0.071	0.108	268.816262	-30.601019	-1531.70	-2291.96
4	GUIDE	967063496	7.07	579	-0.215	0.008	0.052	0.083	269.958012	-30.322954	-2054.49	1348.92
5	GUIDE	967071240	8.68	579	0.193	-0.111	0.077	0.119	269.814629	-31.442097	1874.53	361.80
6	GUIDE	967068672	8.62	579	0.041	0.056	0.080	0.132	269.254665	-31.650183	2392.45	-1443.15
7	GUIDE	968754816	8.89	577	0.034	0.027	0.070	0.116	270.415293	-31.370600	1885.26	2220.43

## 2.4 Star Slots

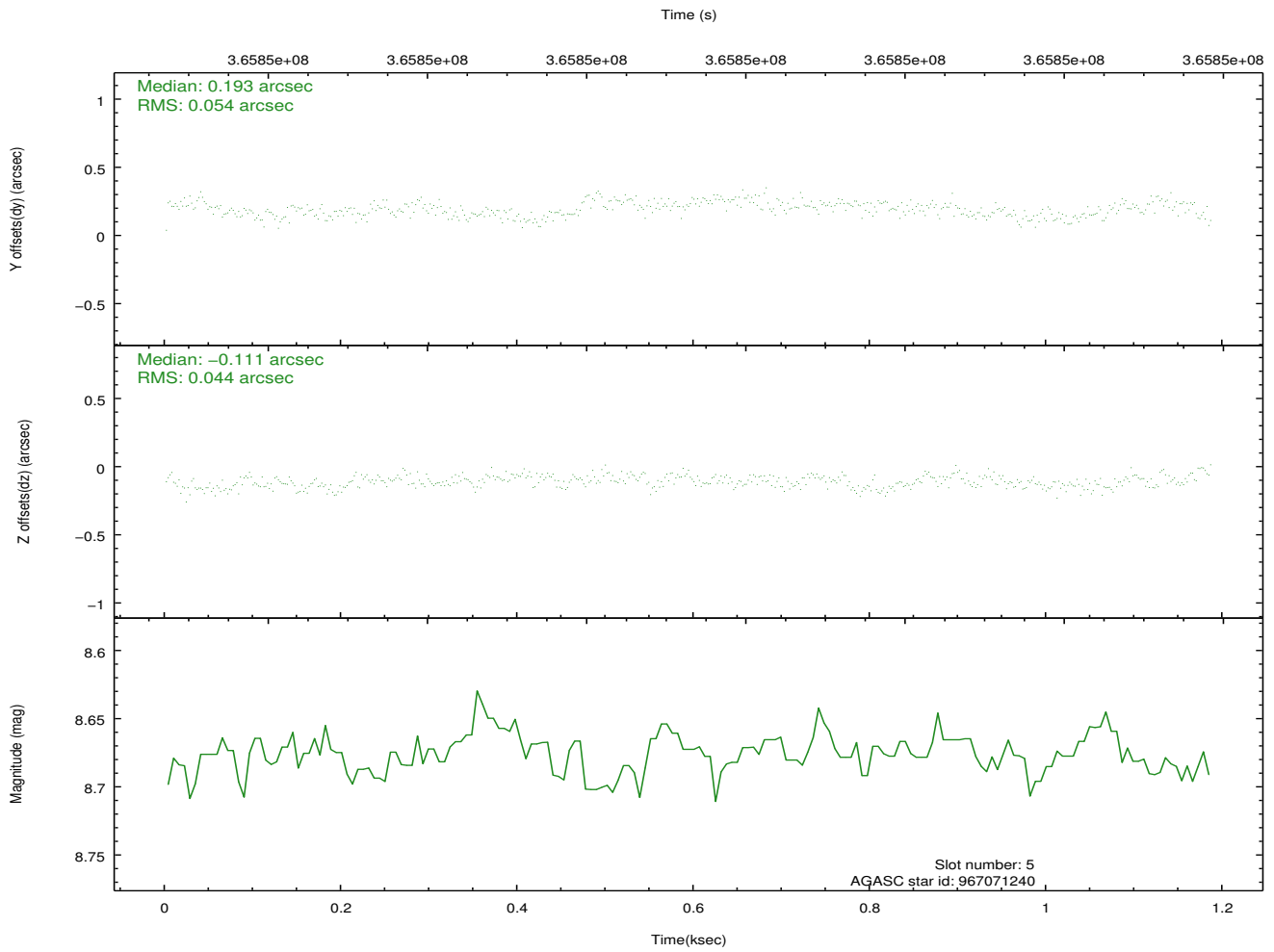
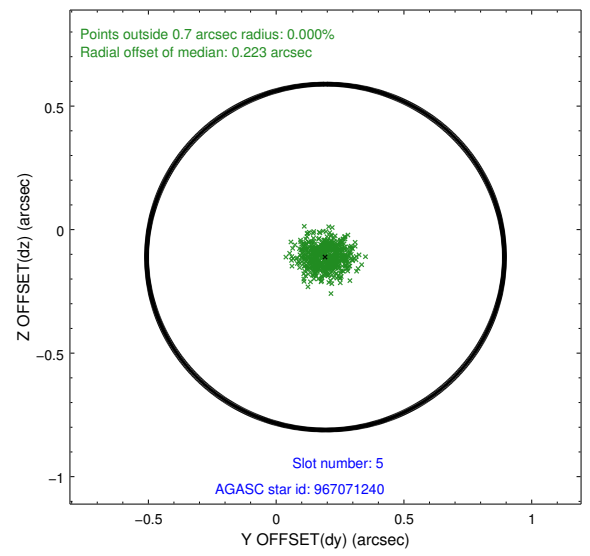
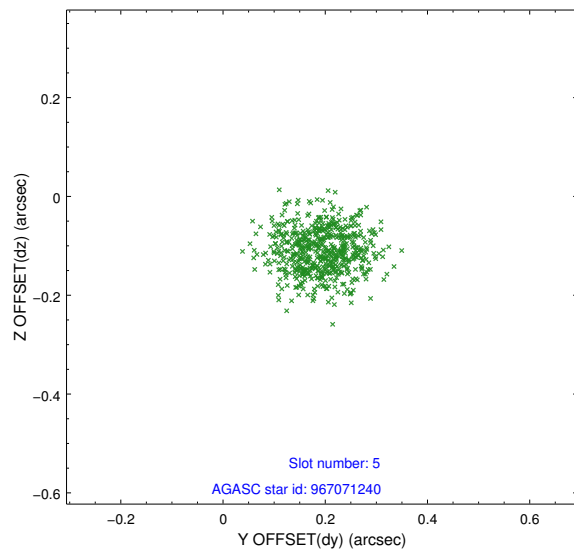
### 2.4.1 Slot 3



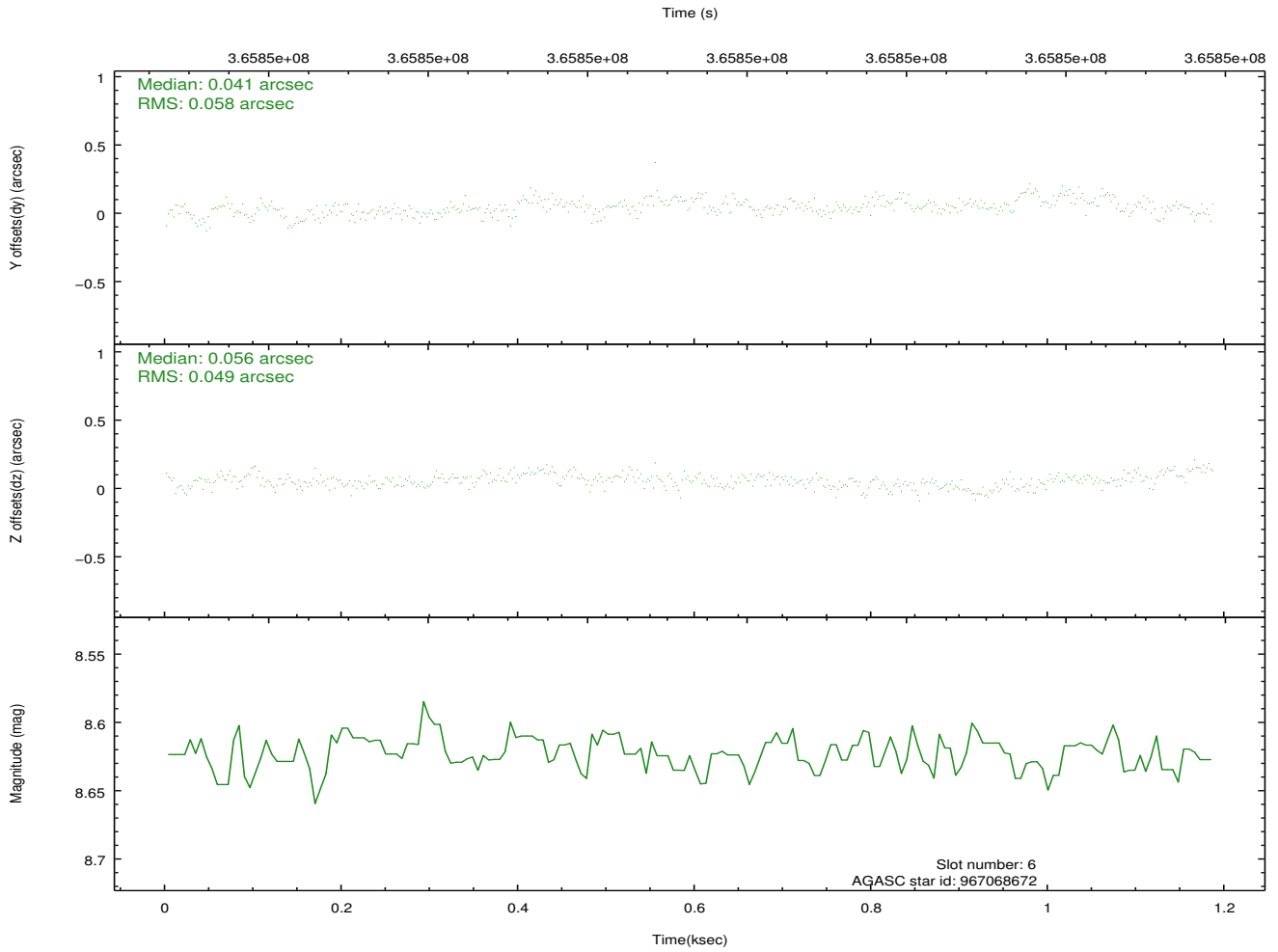
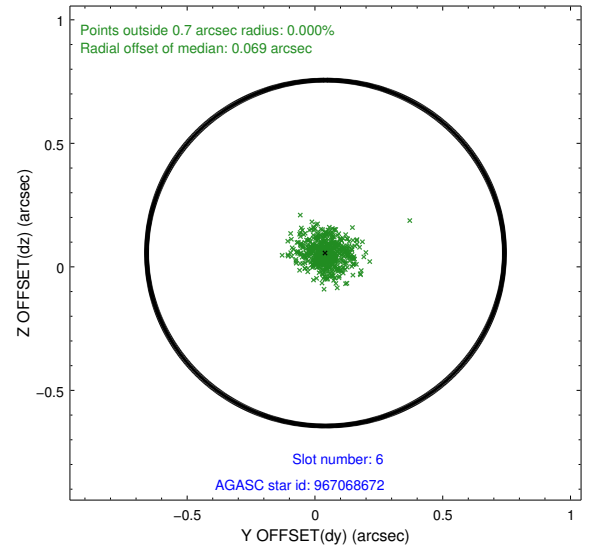
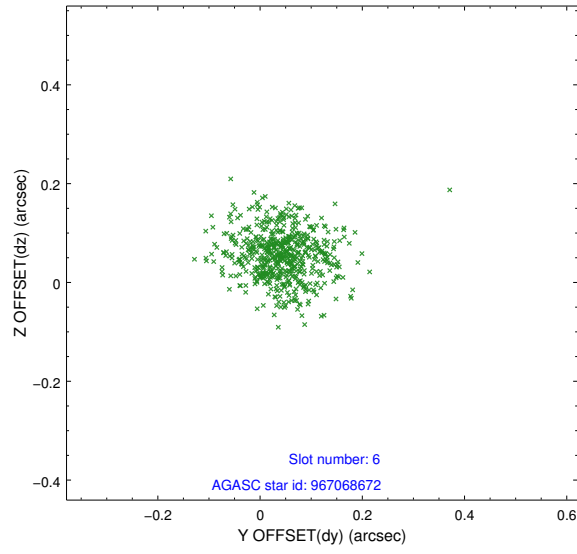
## 2.4.2 Slot 4



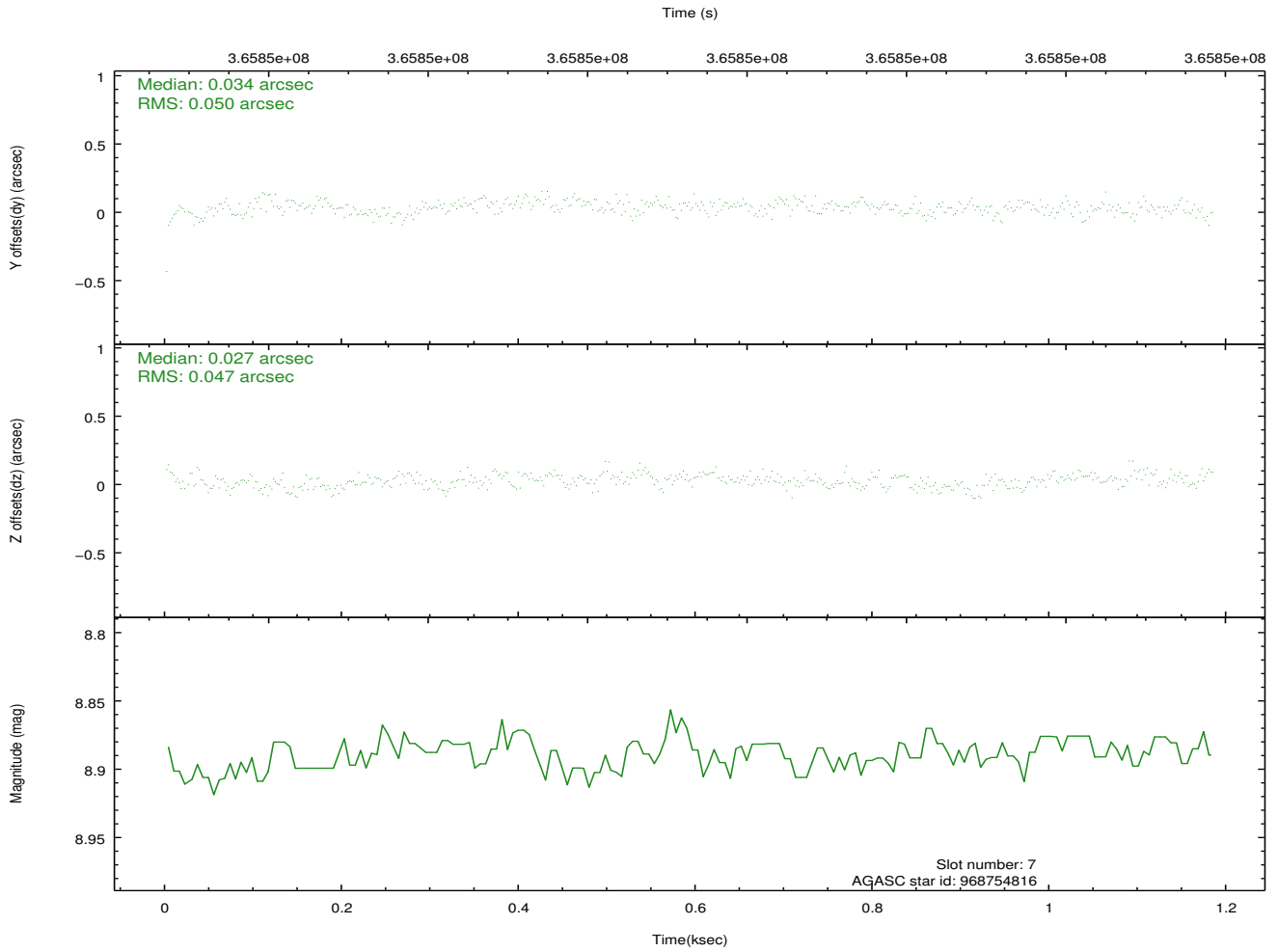
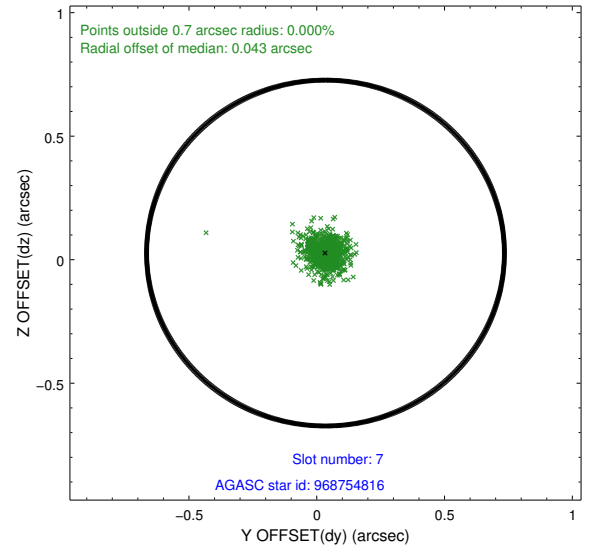
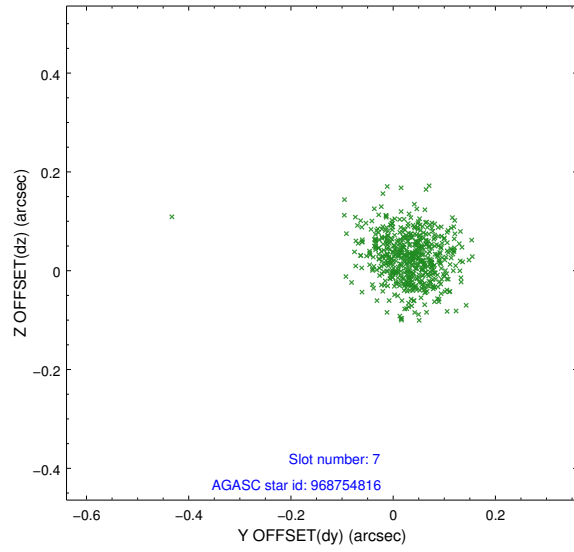
### 2.4.3 Slot 5



## 2.4.4 Slot 6

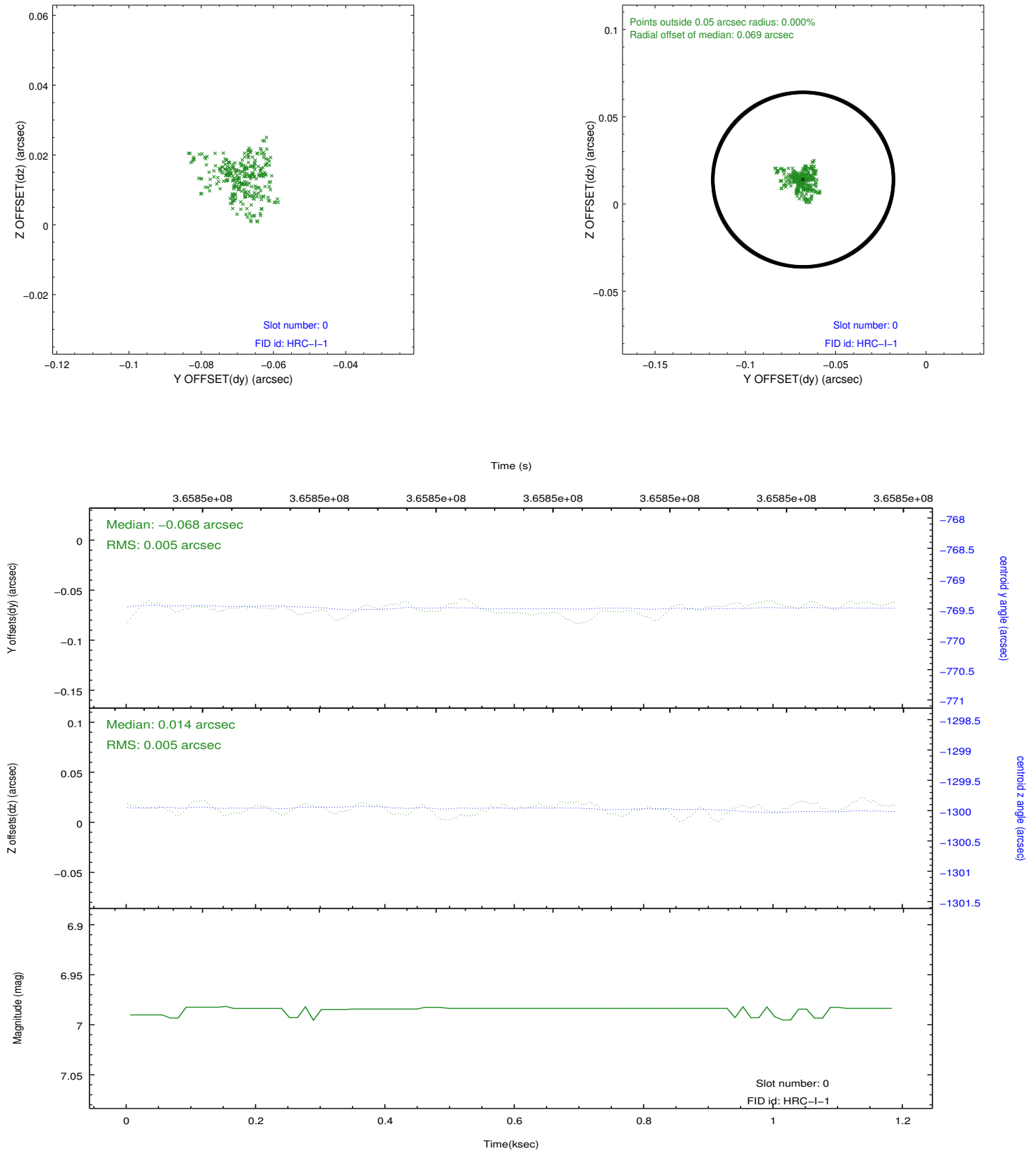


## 2.4.5 Slot 7

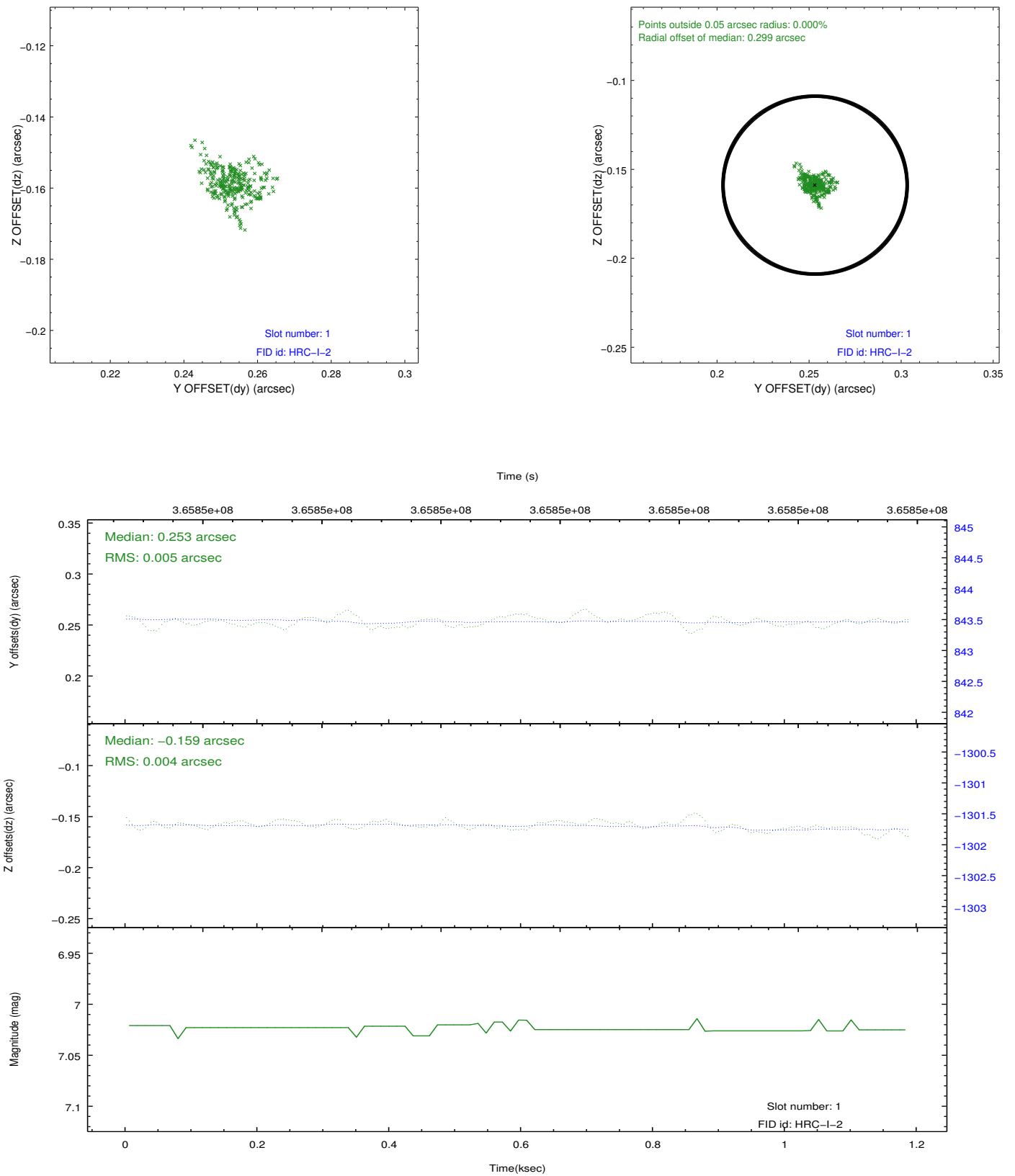


## 2.5 FID Slots

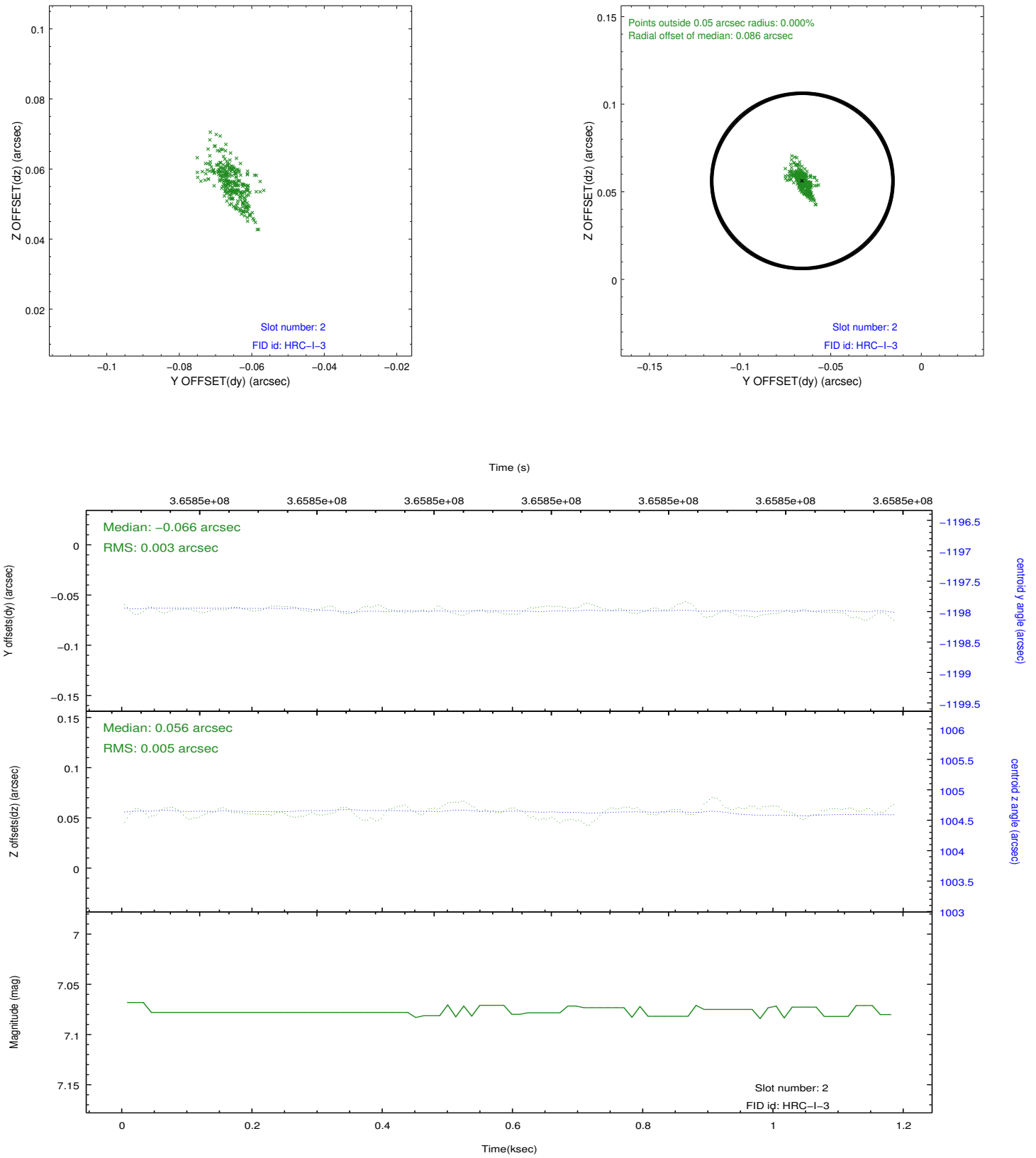
### 2.5.1 Slot 0



## 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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313

### A.2 Comments