

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 12501 - L2 Version 3  
Chandra X-Ray Center

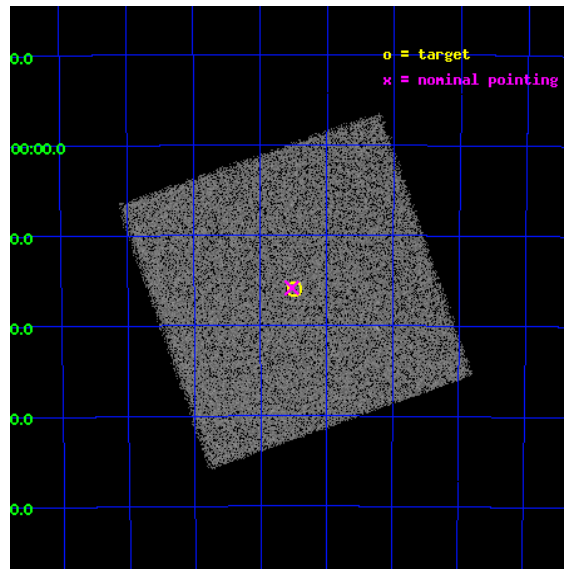
L2 Processing Date : Jul 27 2012

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# 1 Front

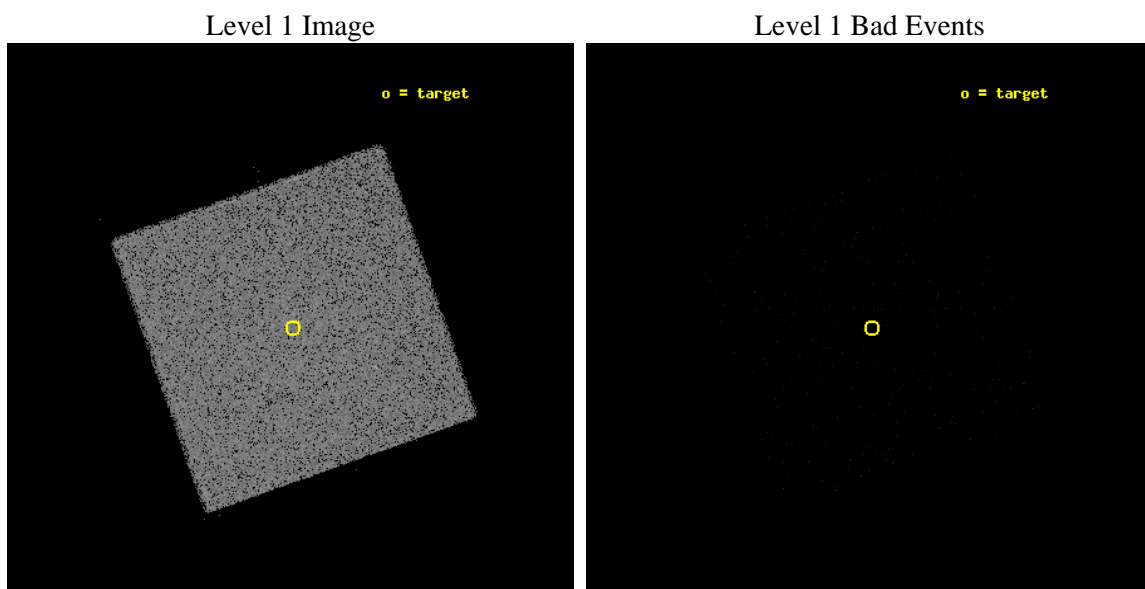
seq_num	401242	Sequence number
obs_id	12501	Observation id
title	PRECISE CHANDRA LOCALIZATION OF FAINT PERSISTENT X-RAY SOURCES NEAR THE GALACTIC PLANE	Proposal title
observer	Dr. Alexander Lutovinov	Principal investigator
object	IGR J12134-6015	Source name
ra_targ	183.374167	Observer's specified target RA [deg]
dec_targ	-60.265	Observer's specified target Dec [deg]
ra_nom	183.38140081018	Nominal RA [deg]
dec_nom	-60.263841799359	Nominal Dec [deg]
roll_nom	25.578508907932	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1173.8813108206	[s]
livetime	1161.0635146548	Ontime multiplied by DTCOR
l2events	87259	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	1173.8813108206	[s]
caldbver	4.5.1	&#160	l1events	152278	Number of level 1 events
date	2012-07-27T20:13:11	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

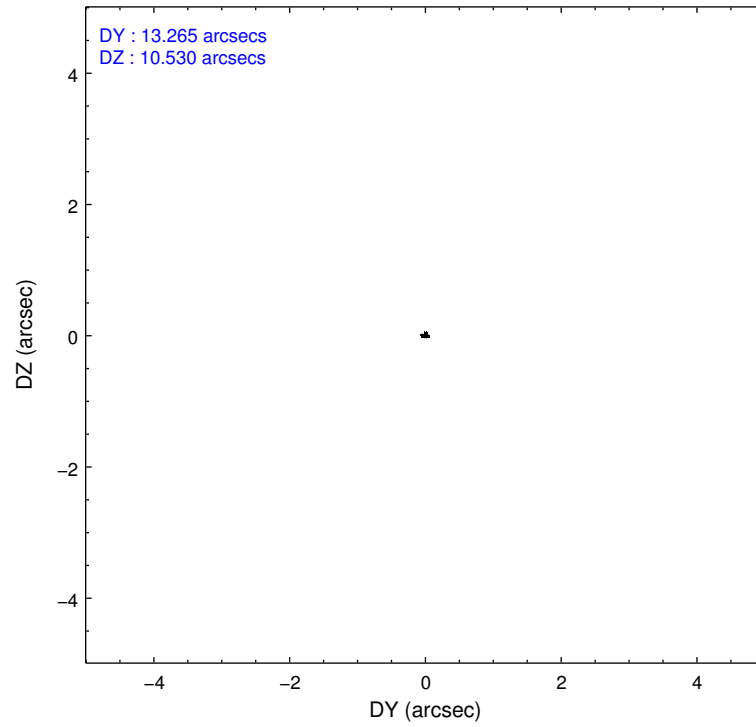
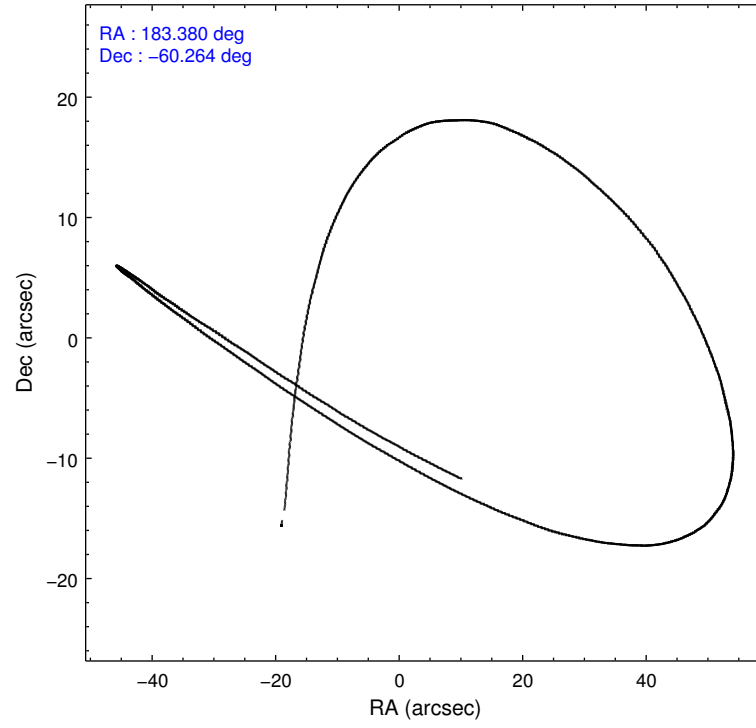
	<b>segment 0</b>
level 1 events	152278
rejected events	28903
rejected %	18%

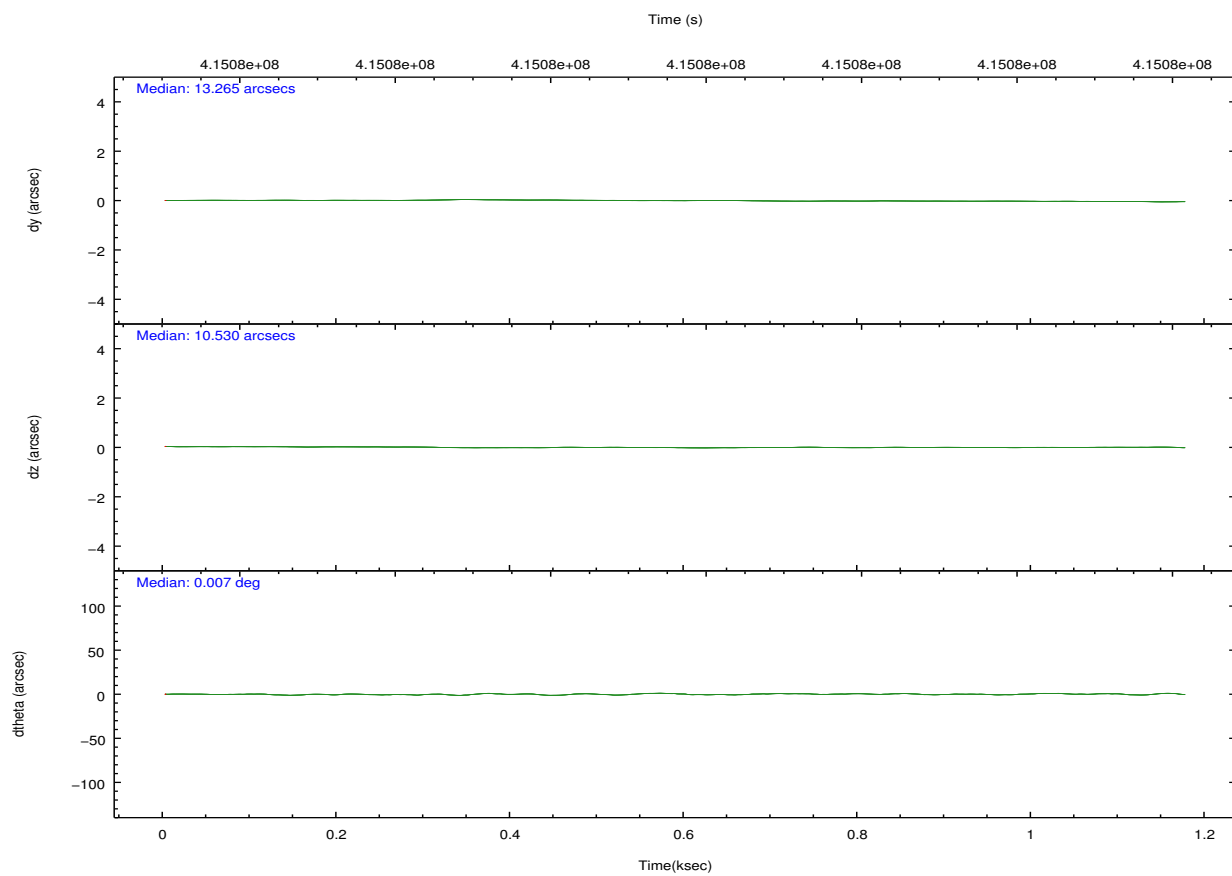
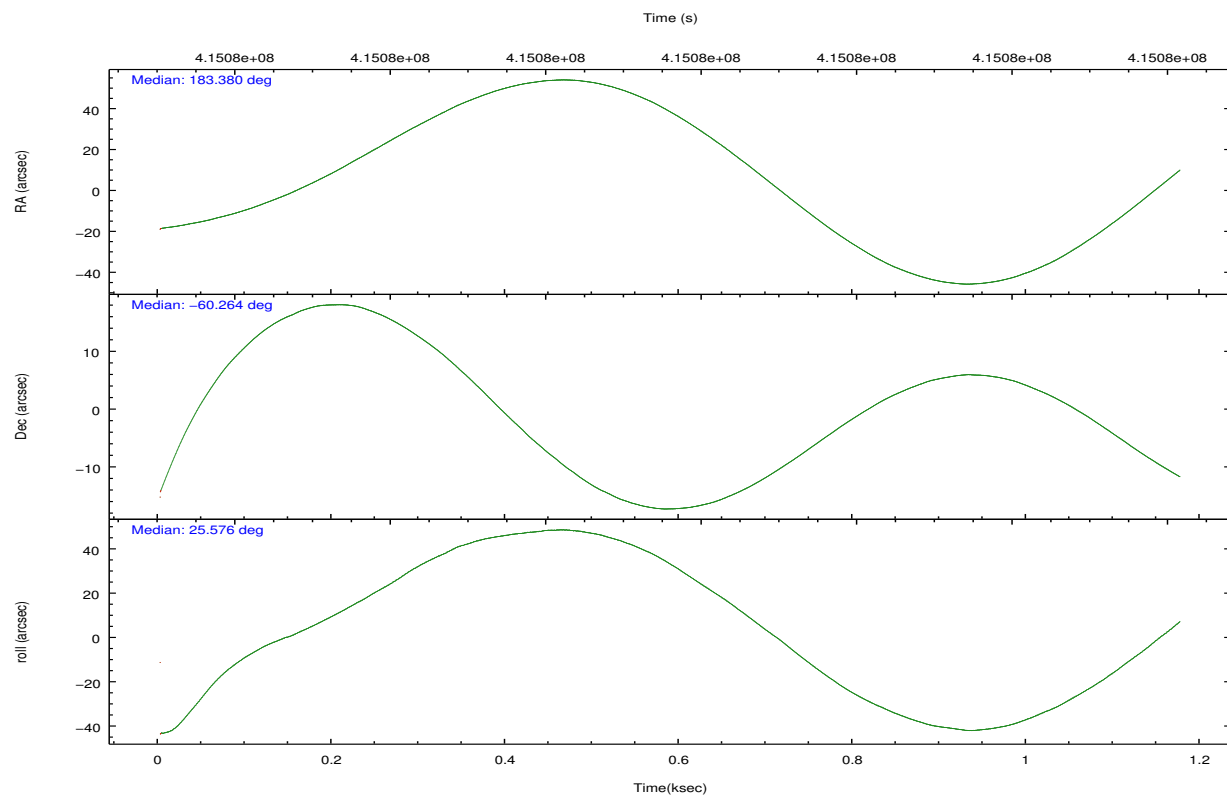
## 2.2 Compared Parameters

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	183.352716	183.3814008101793
[deg] Pointing Dec	-60.287486	-60.26384179935884
[deg] Pointing Roll	25.649382	25.57850890793195
[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)	415077746.184000	415076823.77341
Observation start date	2011-02-26T03:21:20	2011-02-26T03:07:03
[s] Observation end time (MET)	415078746.184000	415079520.03605
Observation end date	2011-02-26T03:38:00	2011-02-26T03:52:00

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

## 2.3 Aspect





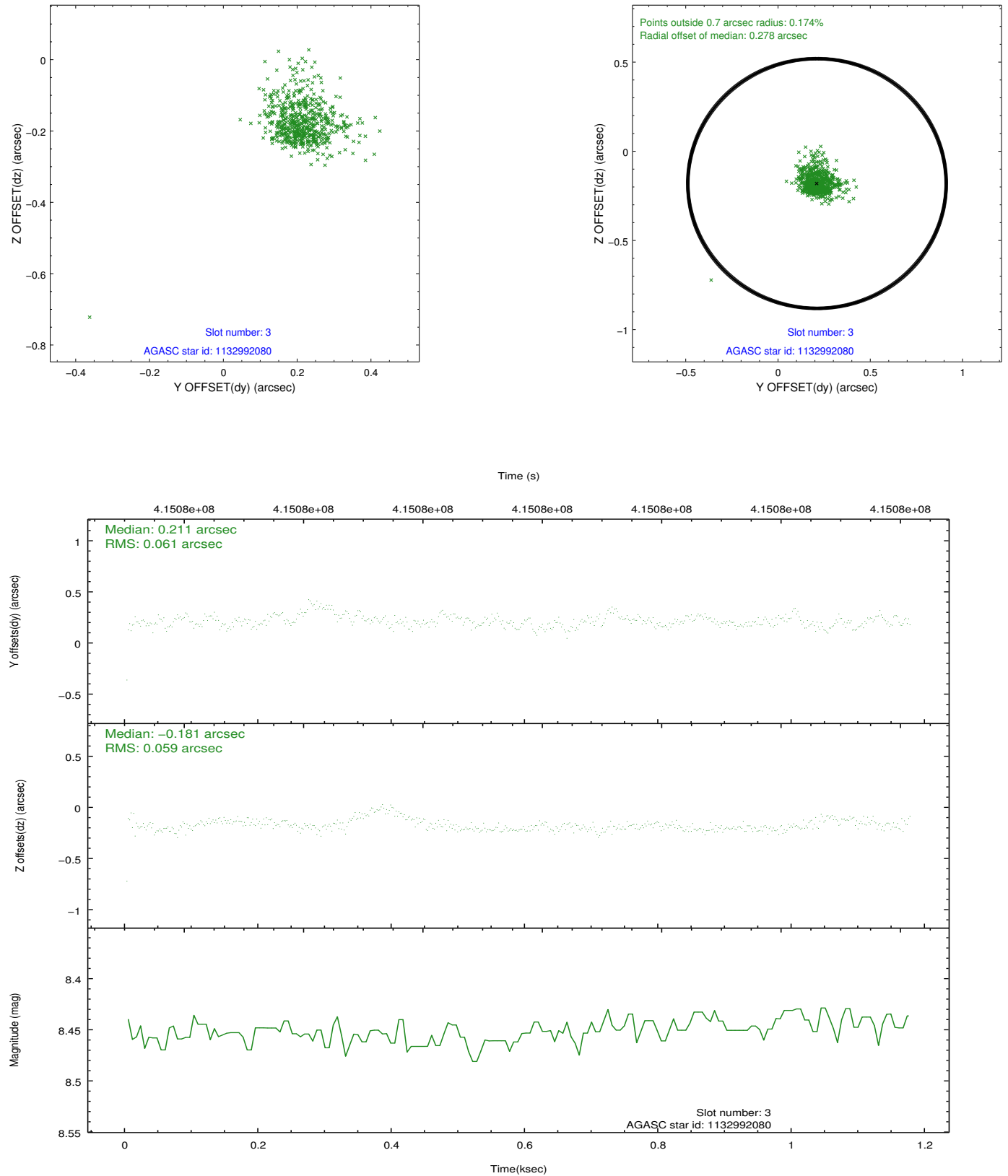
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	287	-0.081	0.022	0.007	0.012	0.000000	0.000000	-769.06	-1298.49
1	FID	HRC-I-2	6.98	287	0.198	-0.084	0.006	0.010	0.000000	0.000000	841.17	-1304.64
2	FID	HRC-I-3	7.02	287	0.002	-0.027	0.006	0.014	0.000000	0.000000	-1194.60	1001.47
3	GUIDE	1132992080	8.45	574	0.211	-0.181	0.079	0.152	182.134282	-59.961088	-1478.62	1987.62
4	GUIDE	1176249912	9.30	574	0.287	-0.038	0.126	0.231	182.512375	-60.435998	-1582.66	155.34
5	GUIDE	1176252392	8.89	574	-0.082	0.065	0.108	0.184	183.582775	-60.042939	751.44	610.73
6	GUIDE	1176255104	7.15	574	-0.513	0.320	0.090	0.139	183.105659	-60.067808	-56.62	902.05
7	GUIDE	1133133680	9.25	573	0.101	-0.184	0.130	0.205	184.061814	-59.884758	1779.89	744.21

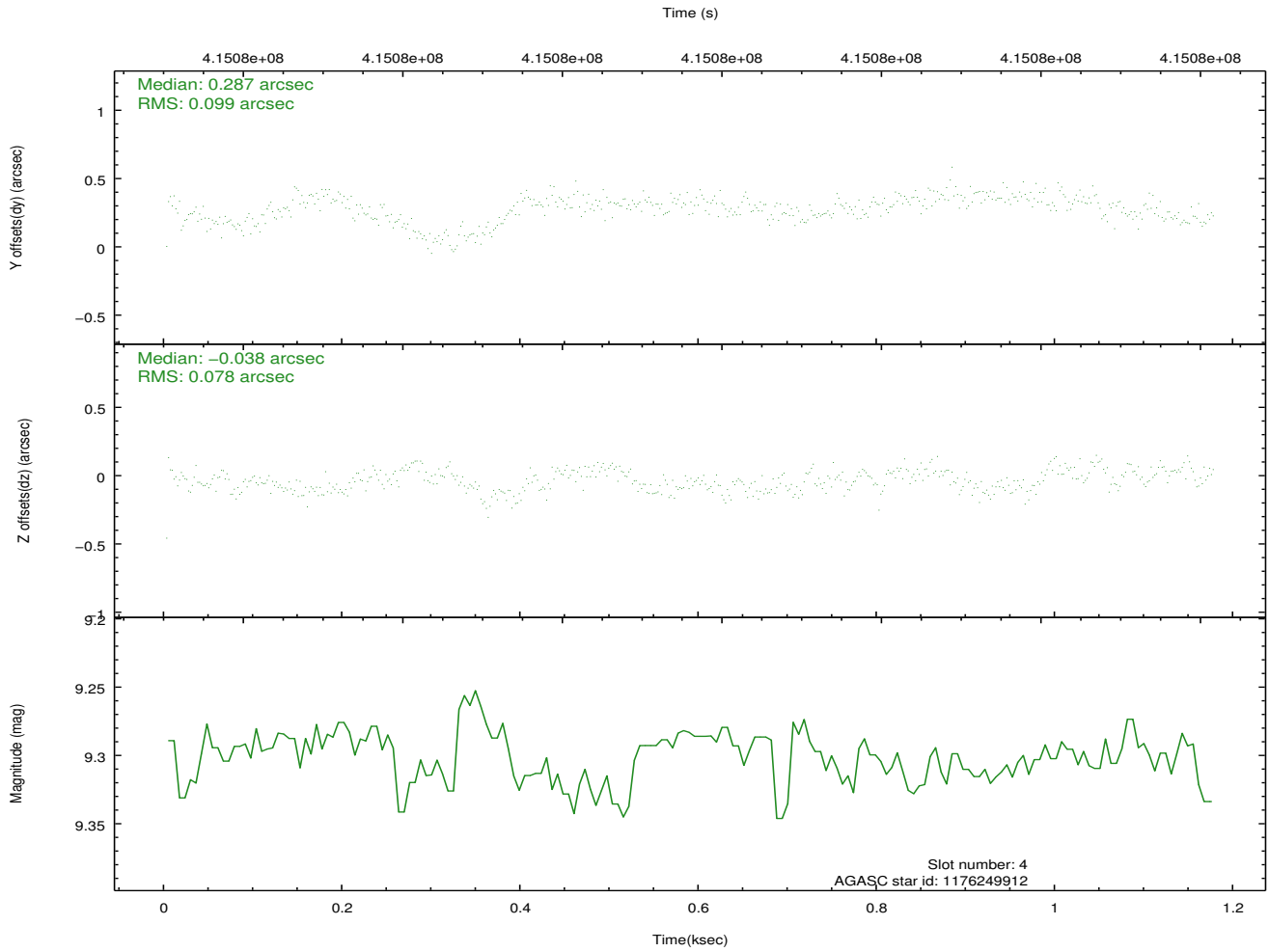
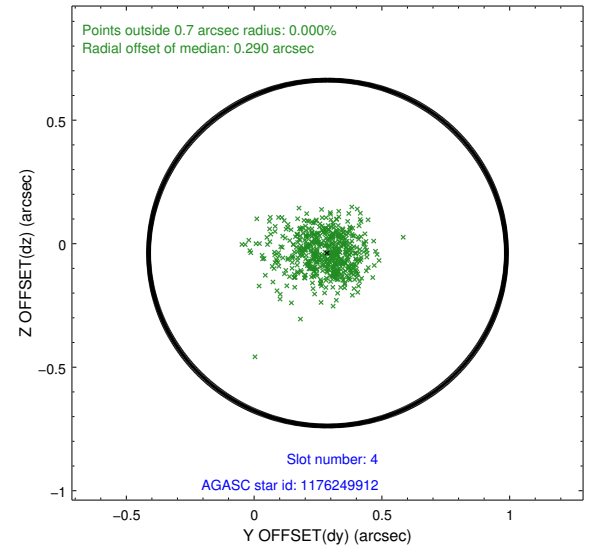
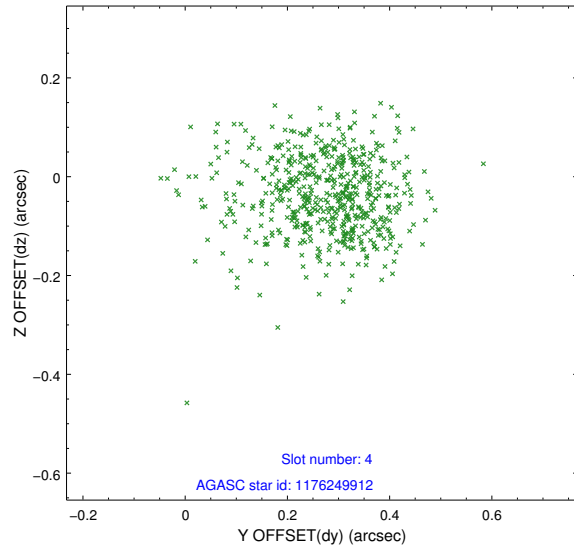


## 2.4 Star Slots

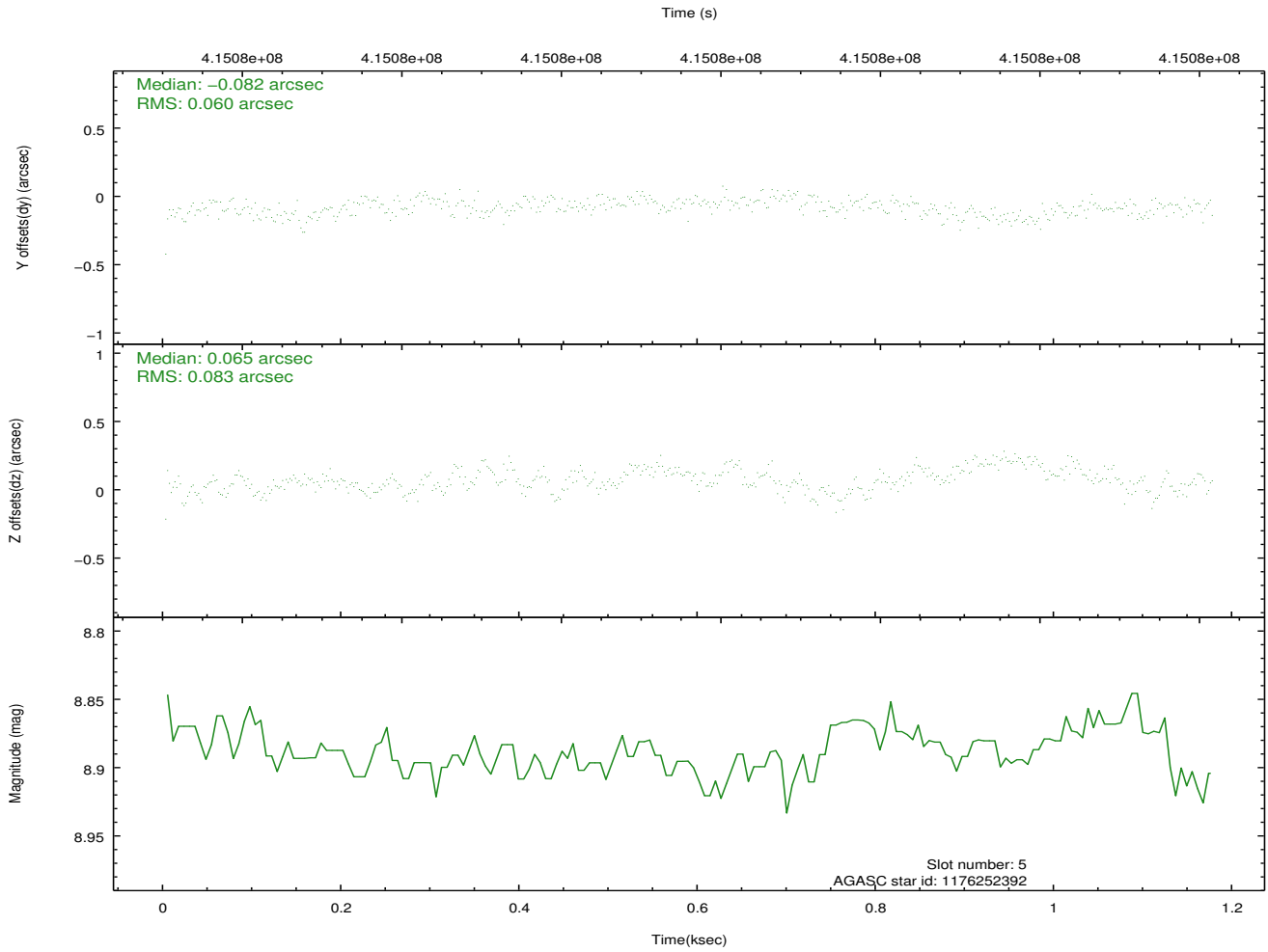
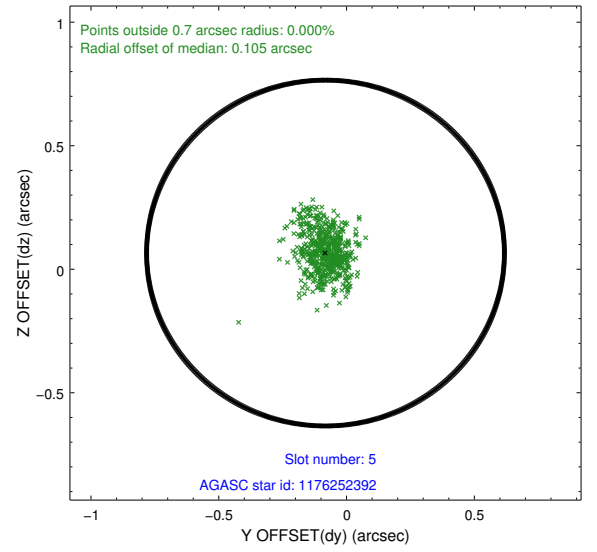
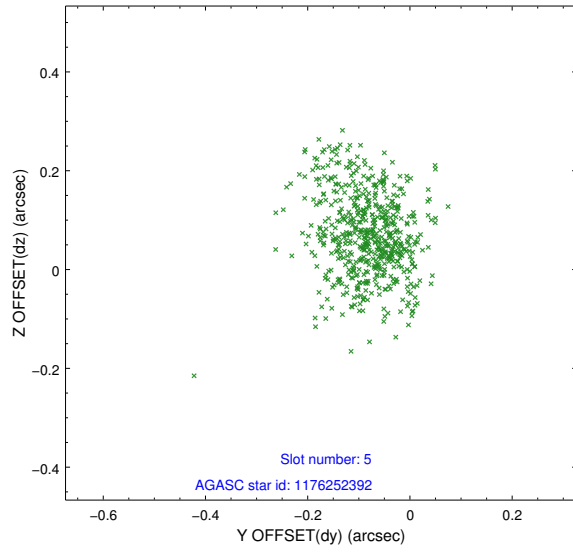
### 2.4.1 Slot 3



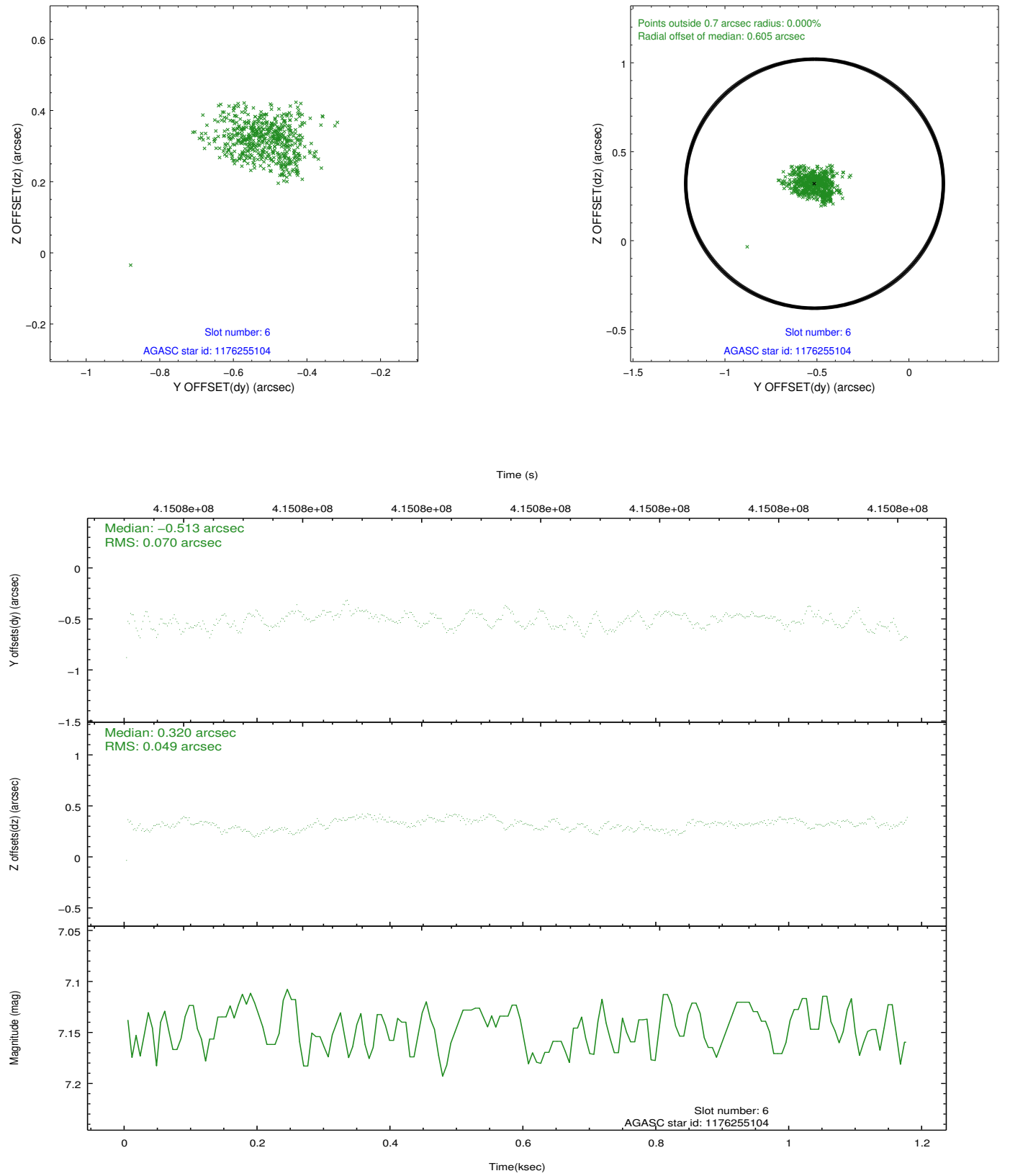
## 2.4.2 Slot 4



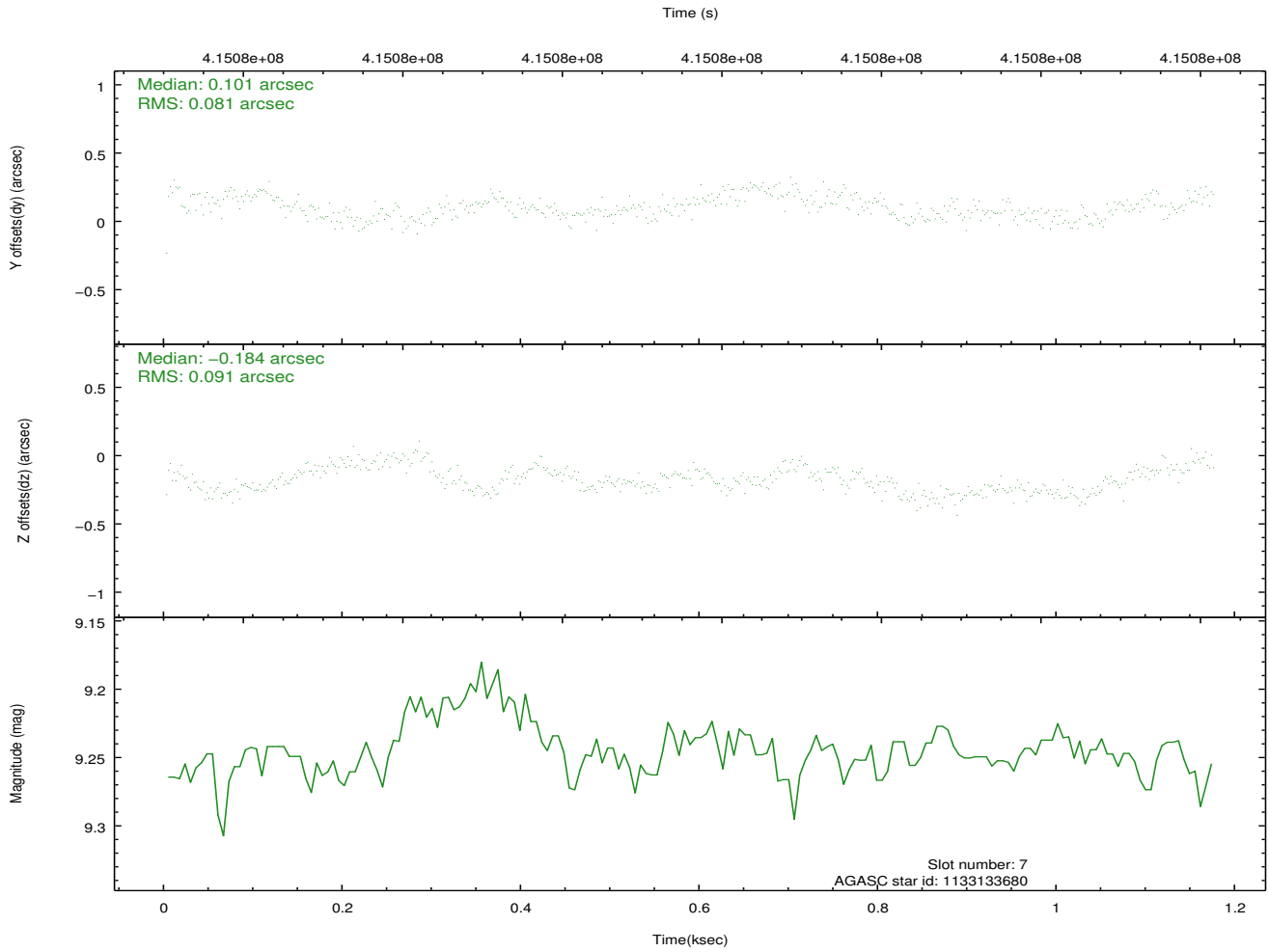
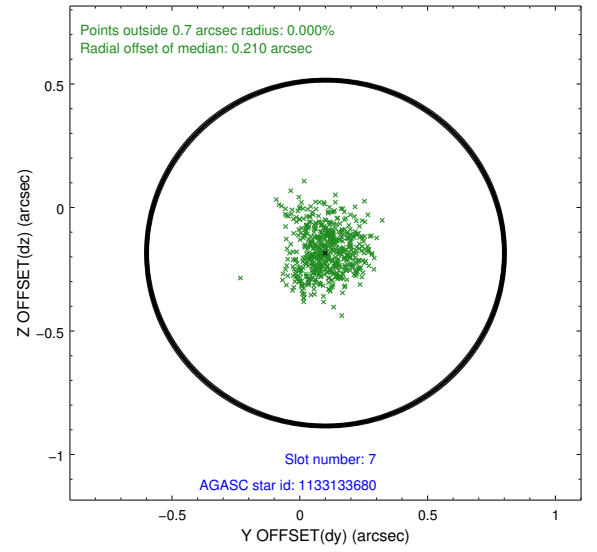
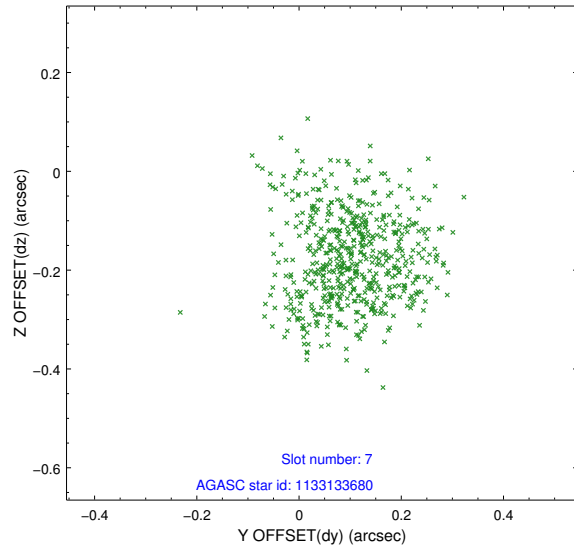
### 2.4.3 Slot 5



## 2.4.4 Slot 6

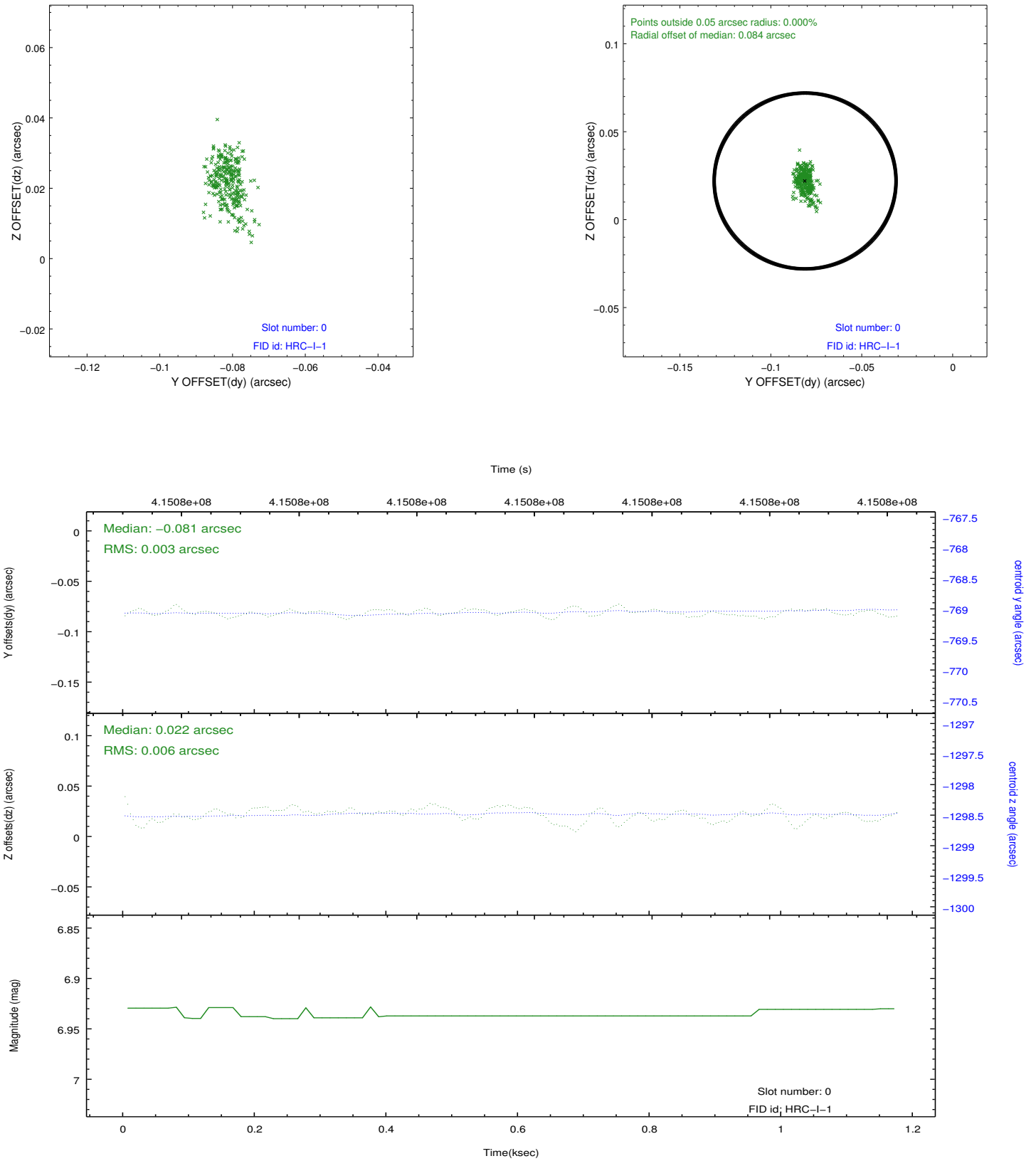


## 2.4.5 Slot 7

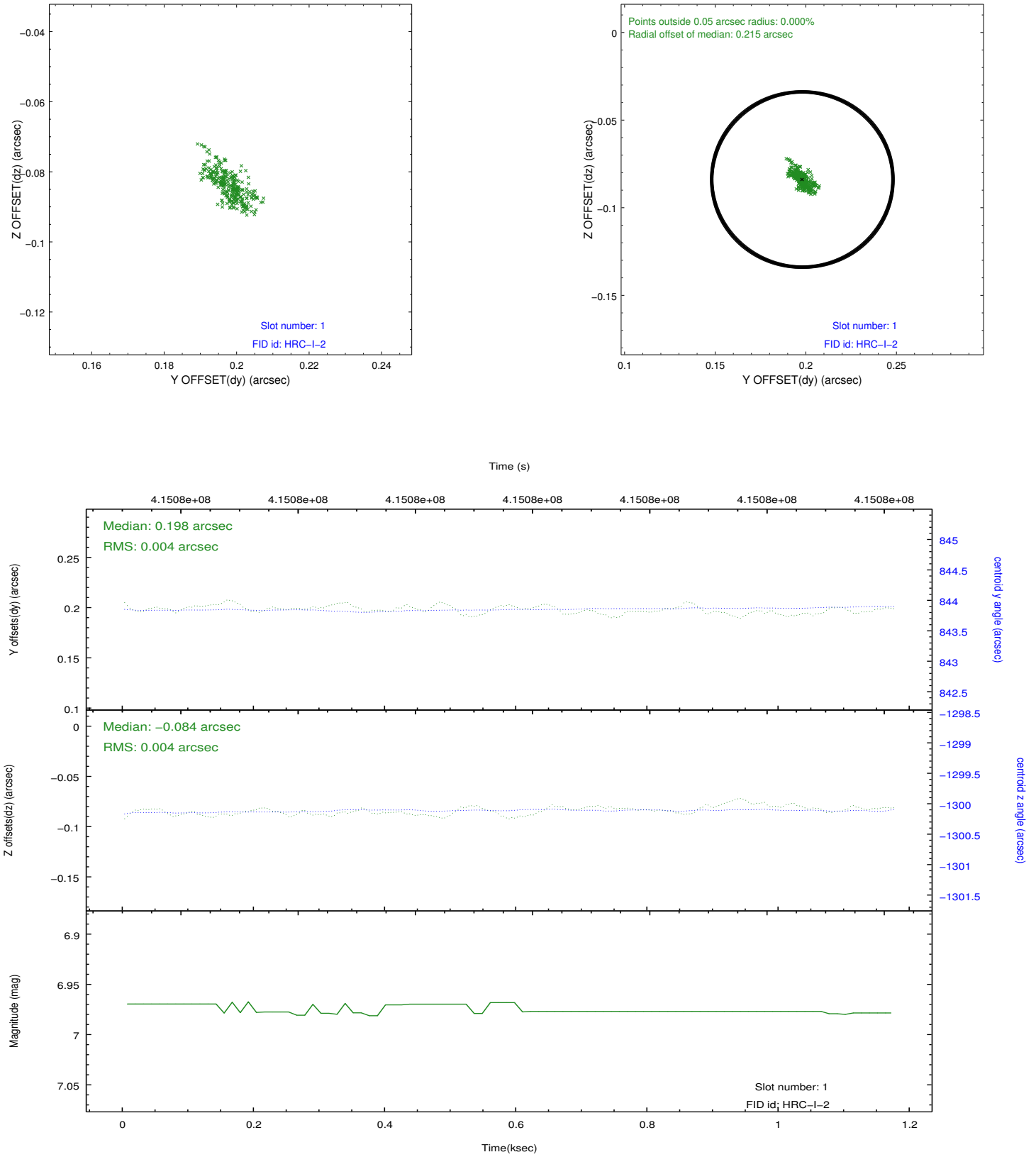


## 2.5 FID Slots

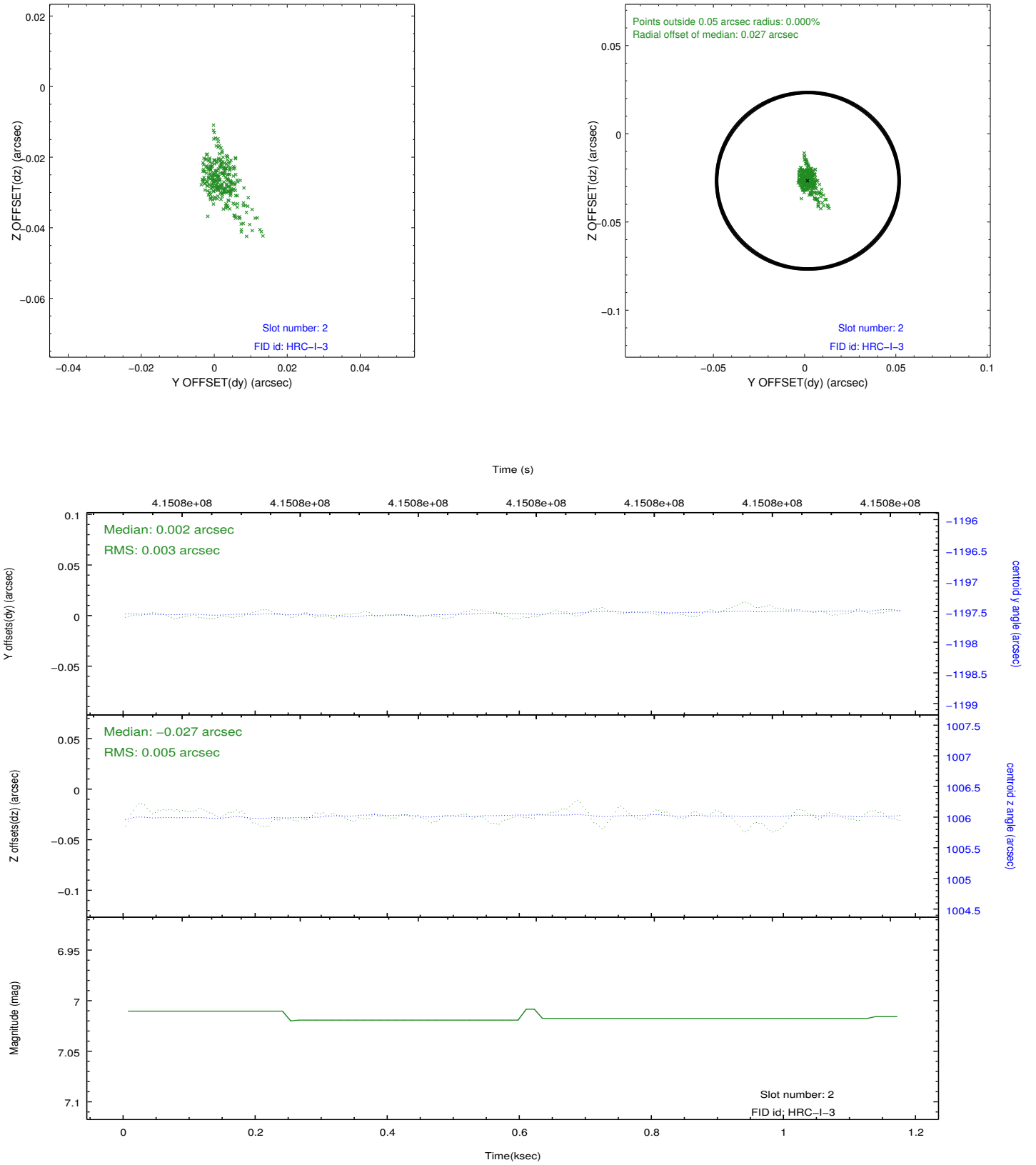
### 2.5.1 Slot 0



## 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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1738813108206

### A.2 Comments