

# V&V Reference Report

## L2 ASCDS Version : 8.5.1.1

Observation 6189 - L2 Version 4  
Chandra X-Ray Center

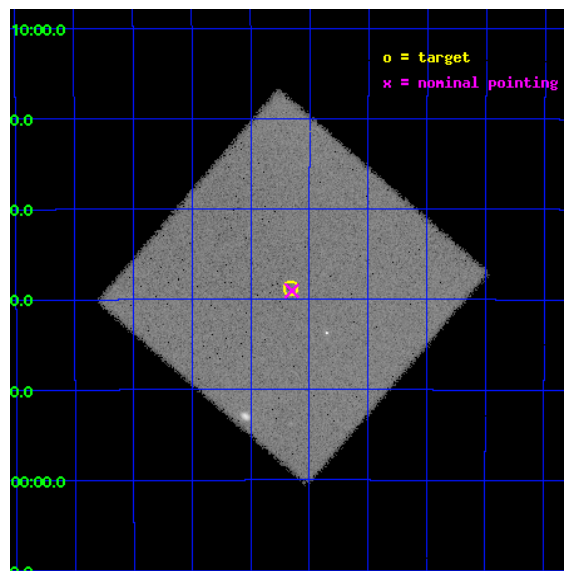
L2 Processing Date : Dec 30 2012

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# 1 Front

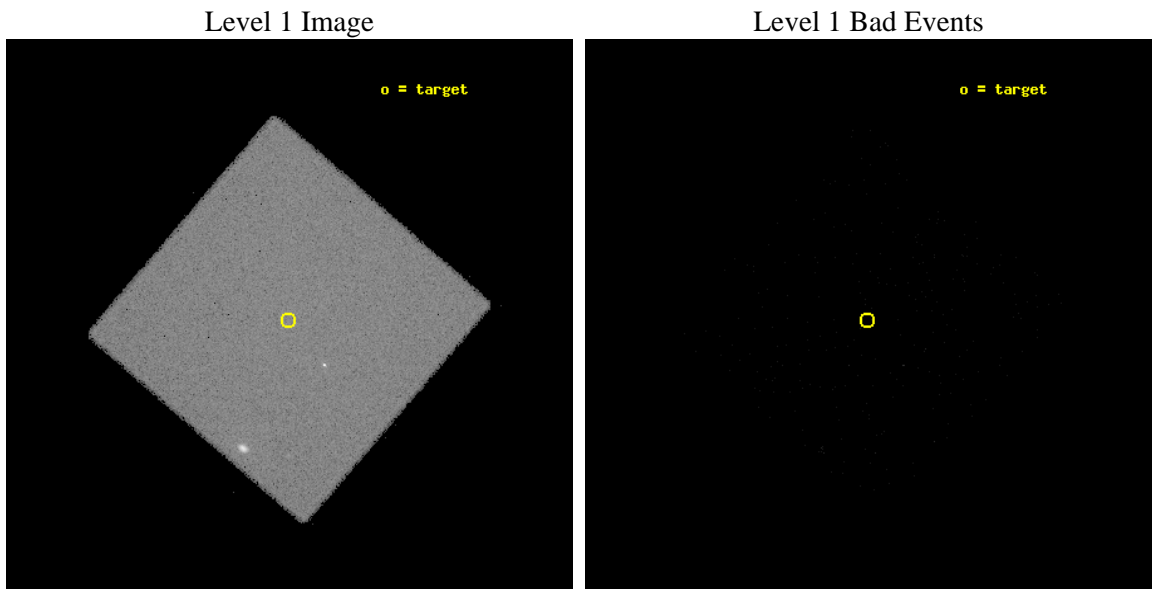
seq_num	400471	Sequence number
obs_id	6189	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-1	Source name
ra_targ	266.664167	Observer's specified target RA [deg]
dec_targ	-28.647222	Observer's specified target Dec [deg]
ra_nom	266.6623055556	Nominal RA [deg]
dec_nom	-28.65095655575	Nominal Dec [deg]
roll_nom	265.81735366616	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4382.1314519048	[s]
livetime	4337.4527667326	Ontime multiplied by DTCOR
l2events	314396	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	4200.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	4382.1314519048	[s]
caldbver	4.5.5	&#160	l1events	536958	Number of level 1 events
date	2012-12-30T19:42:54	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

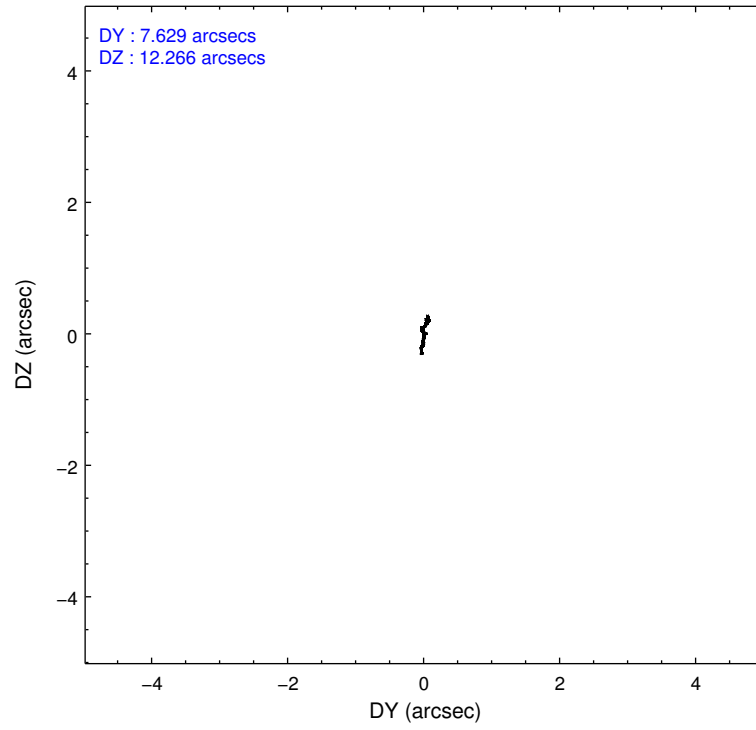
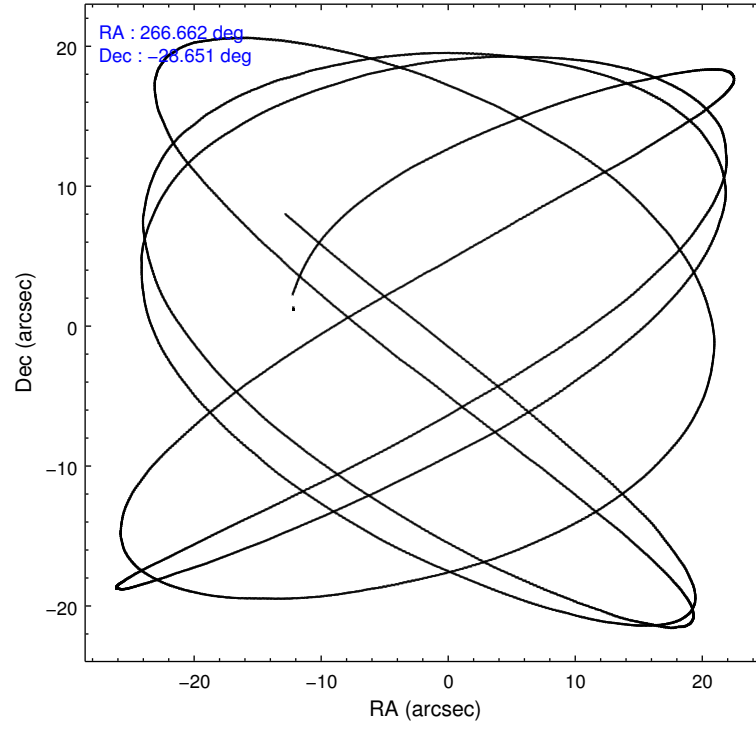
	<b>segment 0</b>
level 1 events	536958
rejected events	96013
rejected %	17%

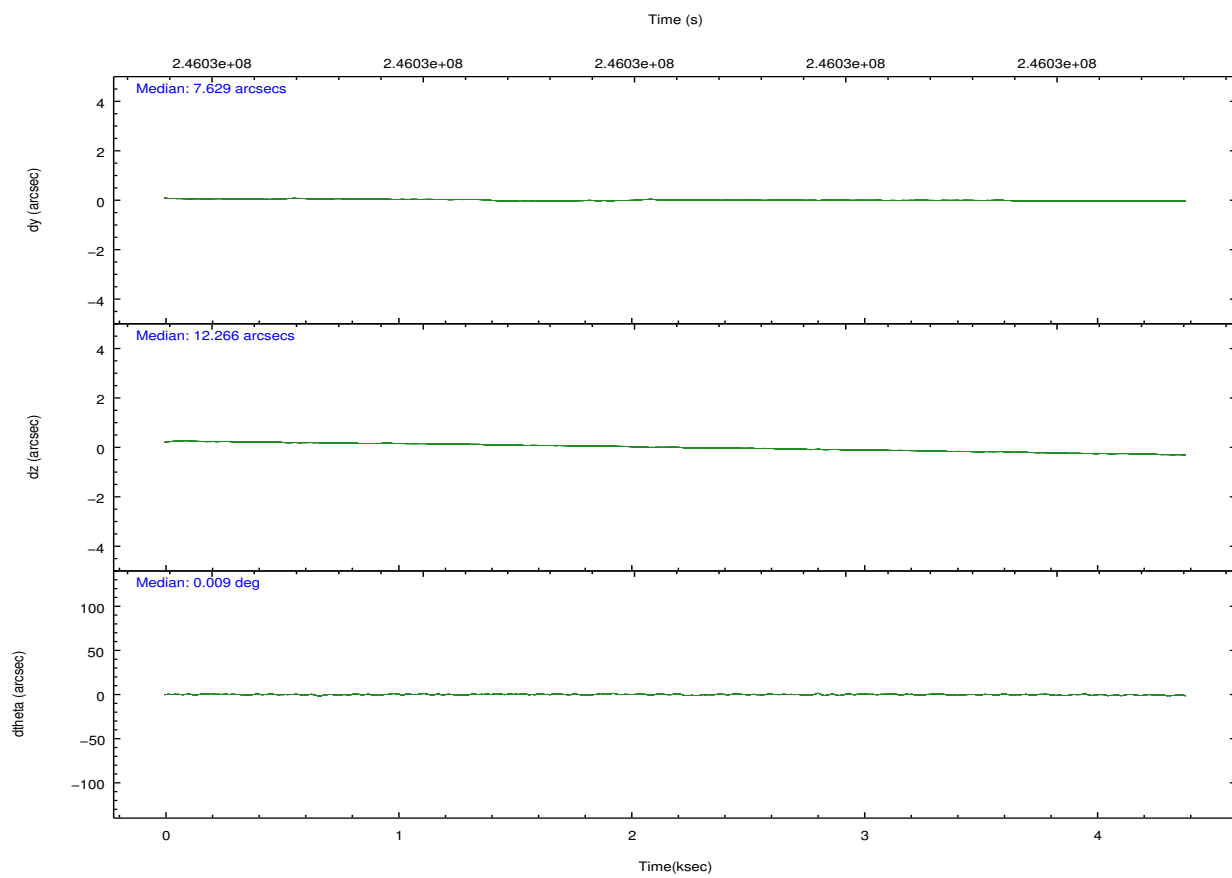
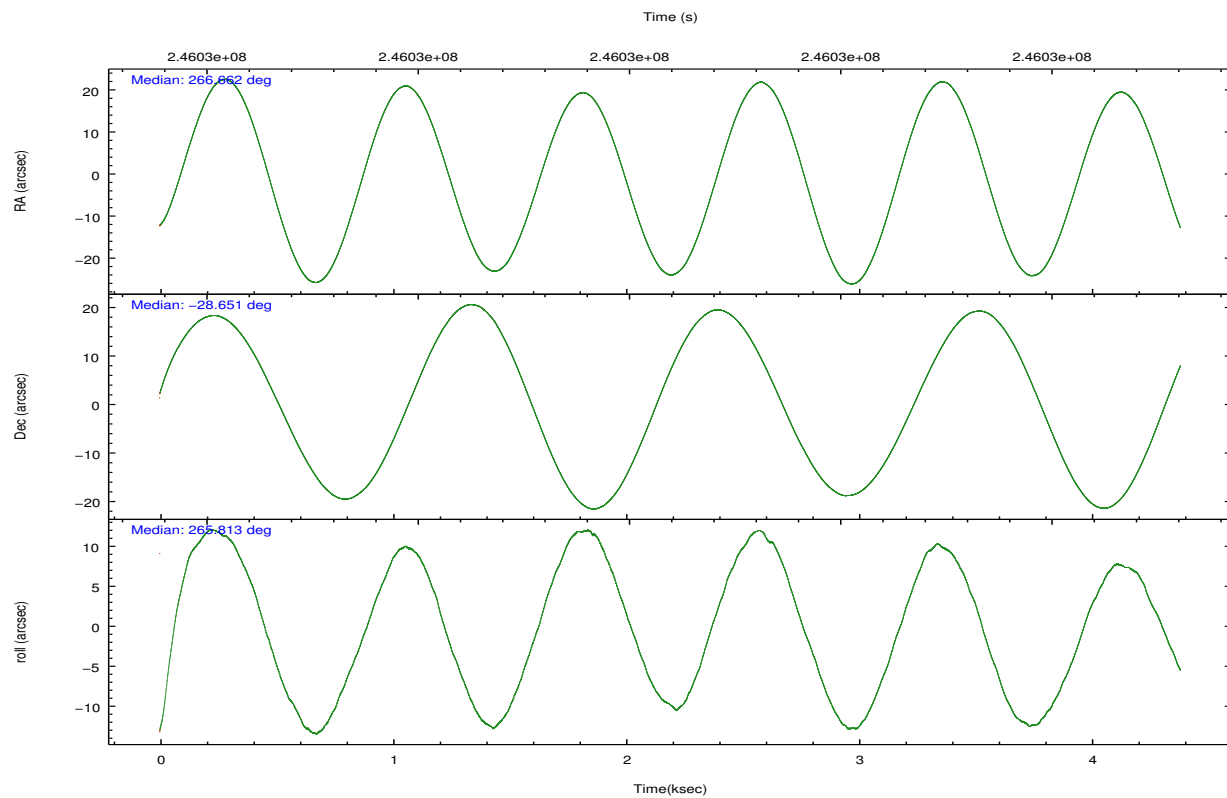


## 2.2 Compared Parameters

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	266.647934	266.6623055555964			
[deg] Pointing Dec	-28.626822	-28.65095655575015			
[deg] Pointing Roll	265.905994	265.8173536661587			
[s] Window start time (MET)	245721664.184000	245721664.184000			
[s] Window stop time (MET)	247190464.184000	247190464.184000			
[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)	246030178.184000	246029276.51884			
Observation start date	2005-10-18T13:41:54	2005-10-18T13:27:56			
[s] Observation end time (MET)	246034378.184000	246035309.66912			
Observation end date	2005-10-18T14:51:54	2005-10-18T15:08:29			

## 2.3 Aspect



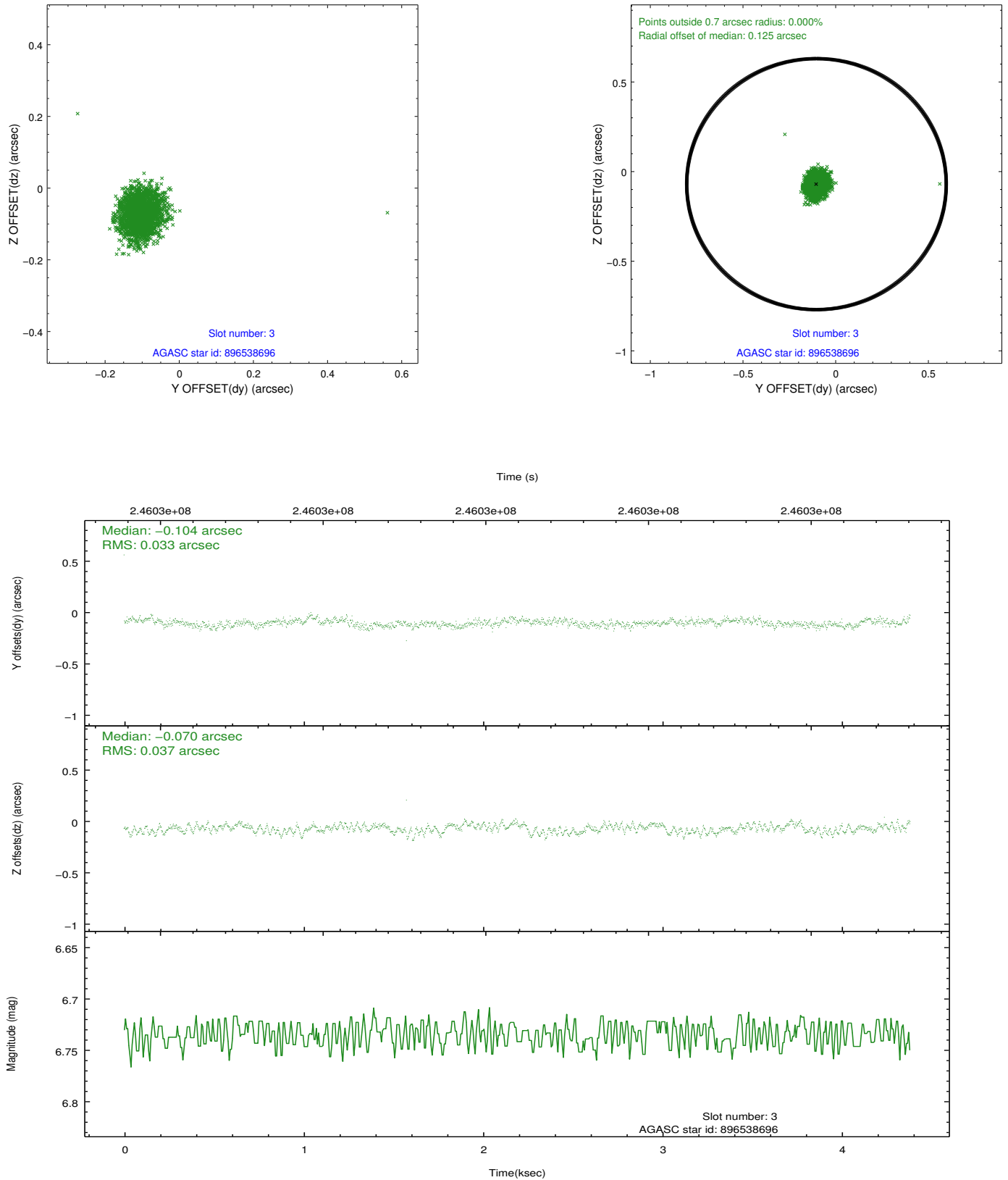


### Slot Statistics

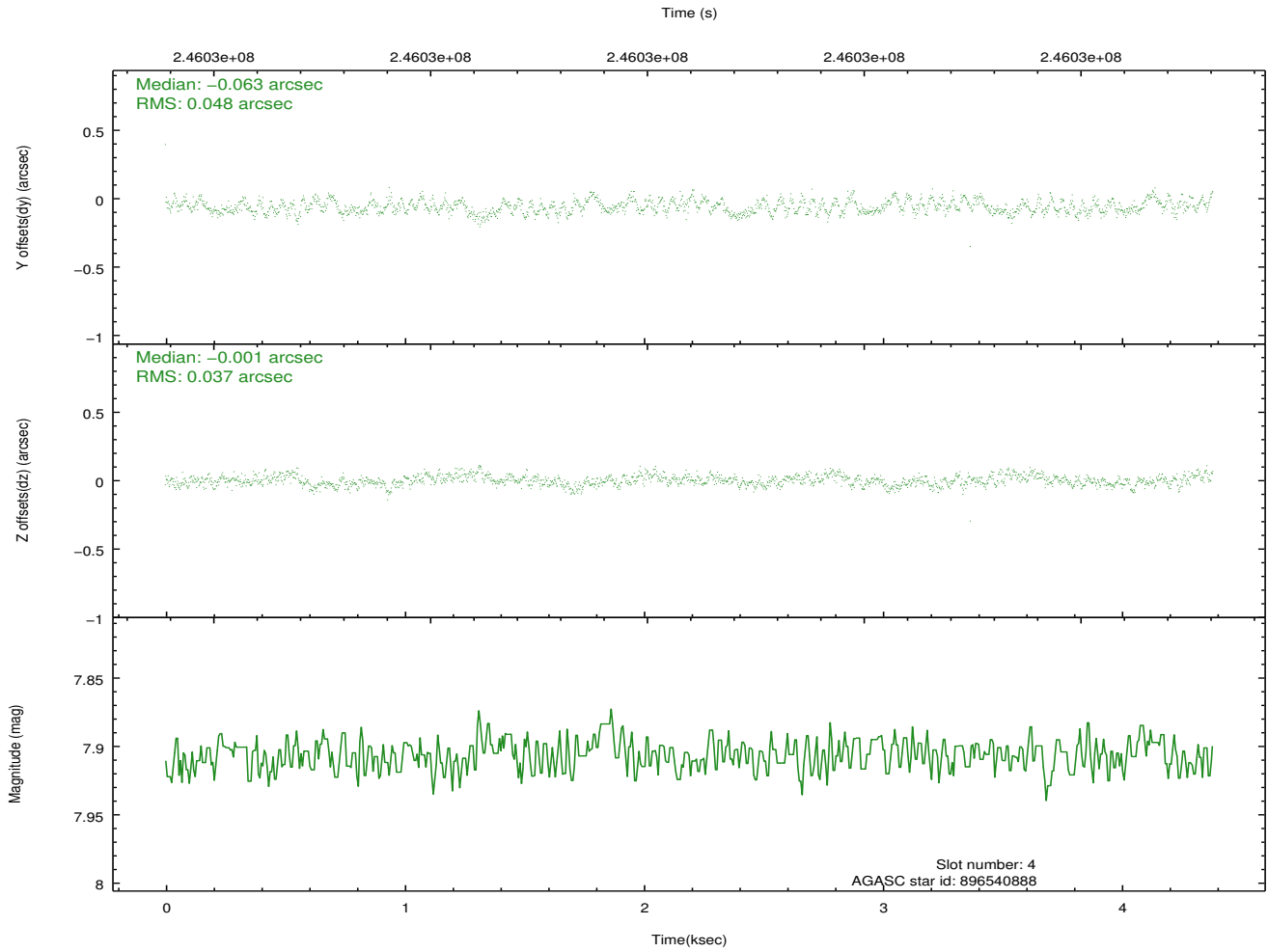
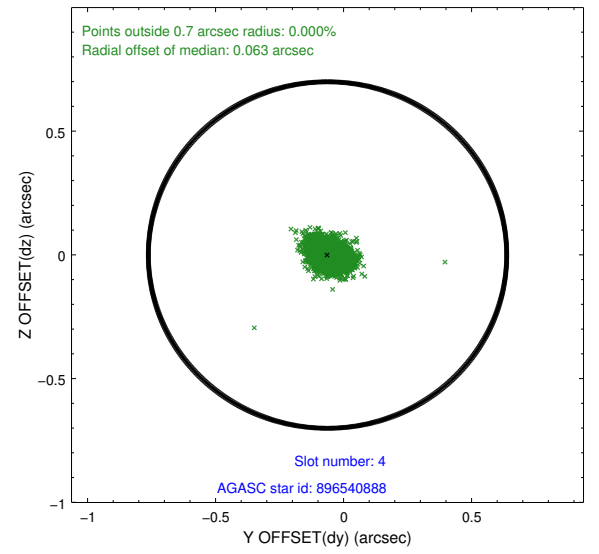
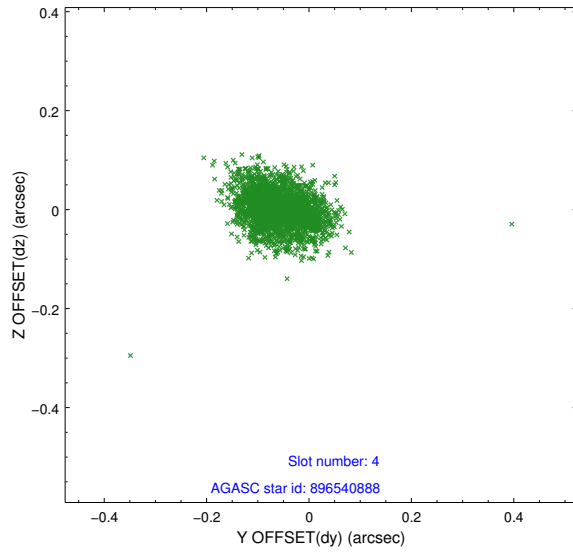
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.05	1070	-0.006	0.016	0.010	0.017	0.000000	0.000000	-763.26	-1300.23
1	FID	HRC-I-2	7.08	1070	0.167	-0.134	0.011	0.020	0.000000	0.000000	848.83	-1303.18
2	FID	HRC-I-3	7.14	1070	-0.043	0.028	0.008	0.015	0.000000	0.000000	-1190.96	1003.14
3	GUIDE	896538696	6.73	2139	-0.104	-0.070	0.051	0.080	266.298470	-28.325572	-1000.88	-1182.88
4	GUIDE	896540888	7.91	2138	-0.063	-0.001	0.063	0.103	267.212234	-28.246138	-1491.04	1686.03
5	GUIDE	896541576	8.18	2138	0.003	0.100	0.066	0.103	267.051055	-28.762912	399.38	1304.20
6	GUIDE	896539744	8.34	2138	-0.064	-0.161	0.071	0.113	266.154264	-28.178023	-1496.08	-1678.23
7	GUIDE	896534000	9.28	2134	0.224	0.135	0.090	0.151	267.299113	-29.228915	2021.14	2194.47

## 2.4 Star Slots

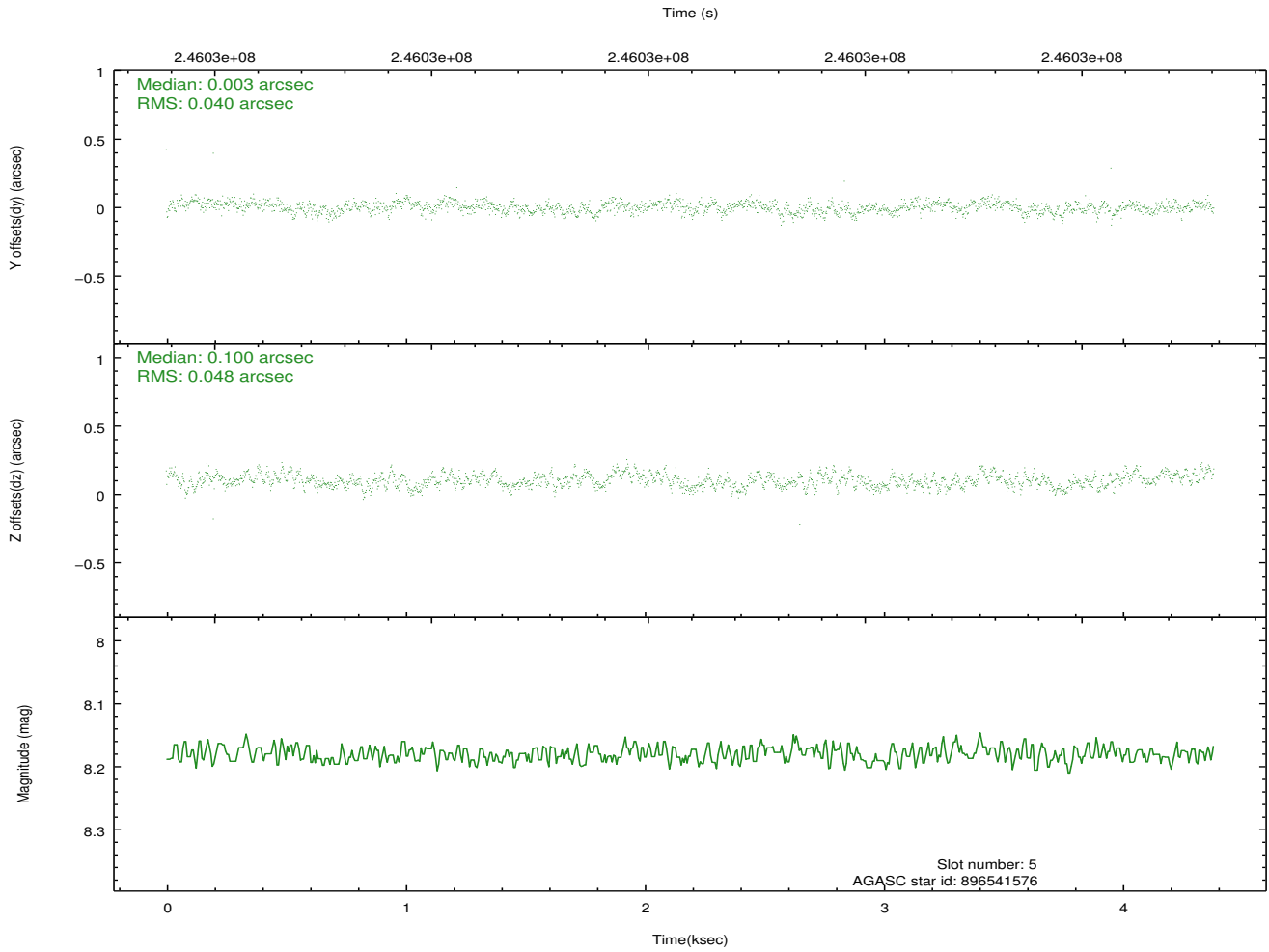
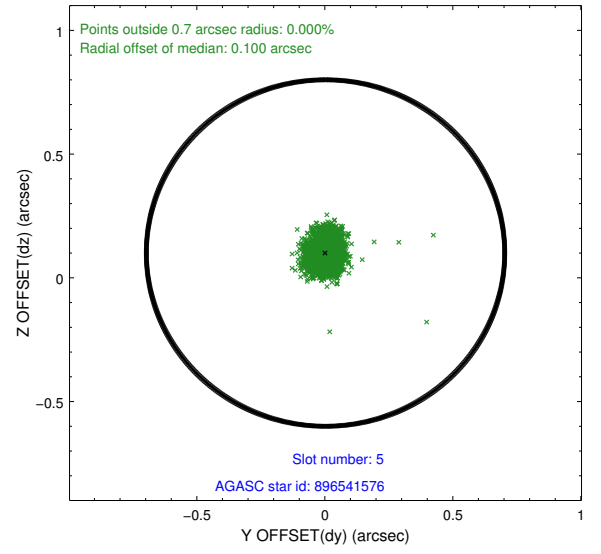
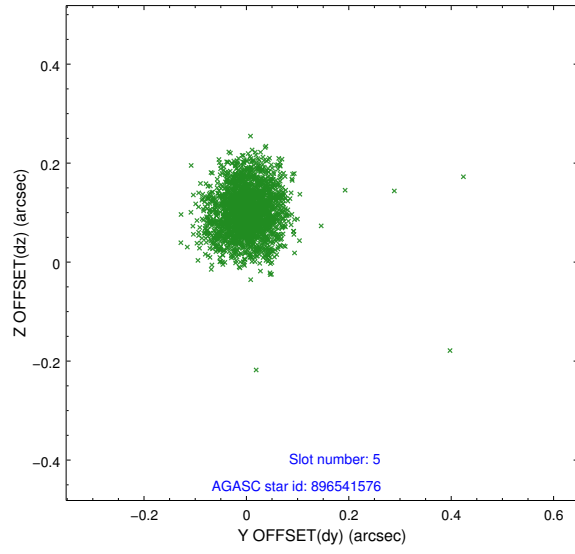
### 2.4.1 Slot 3



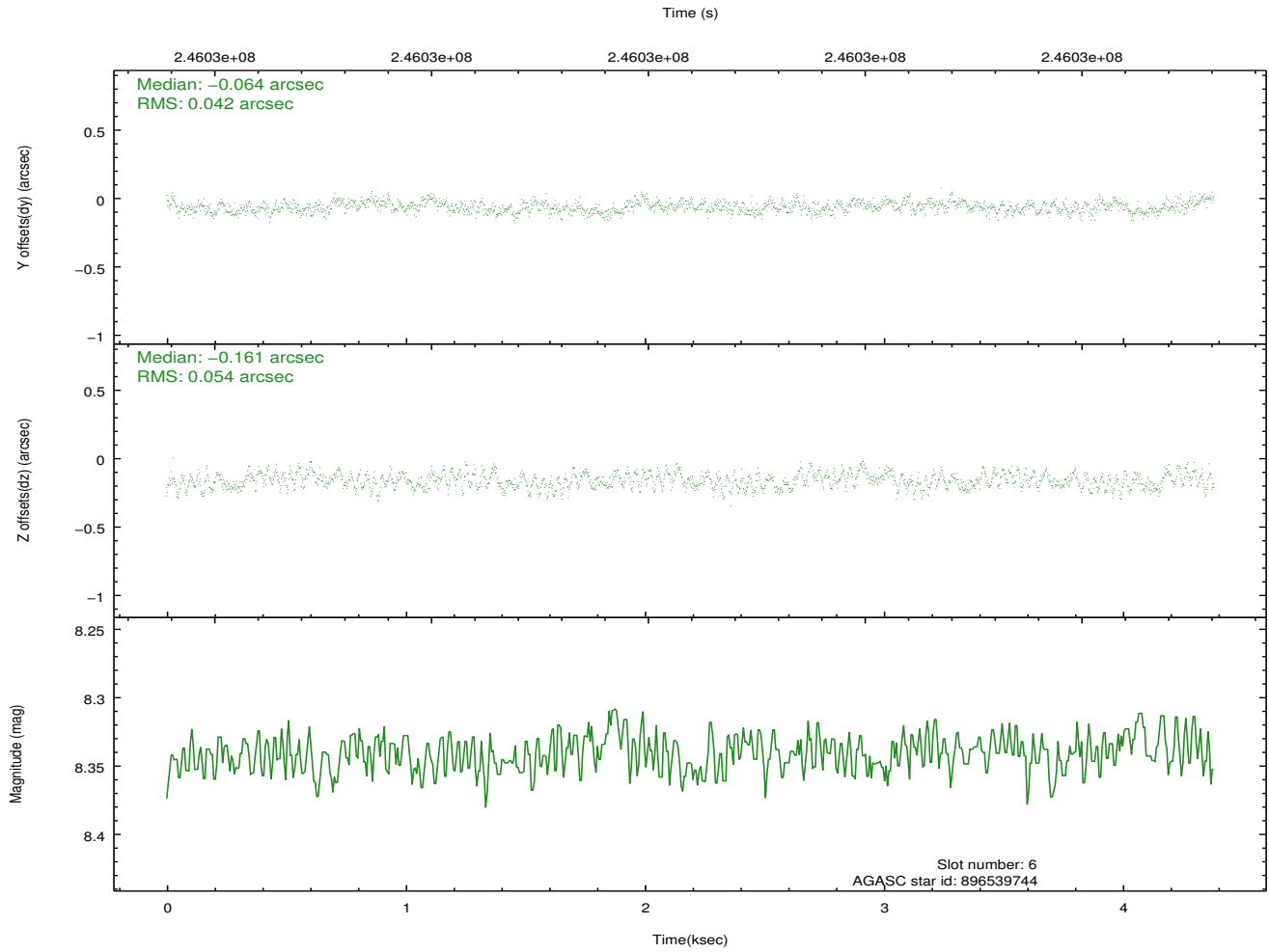
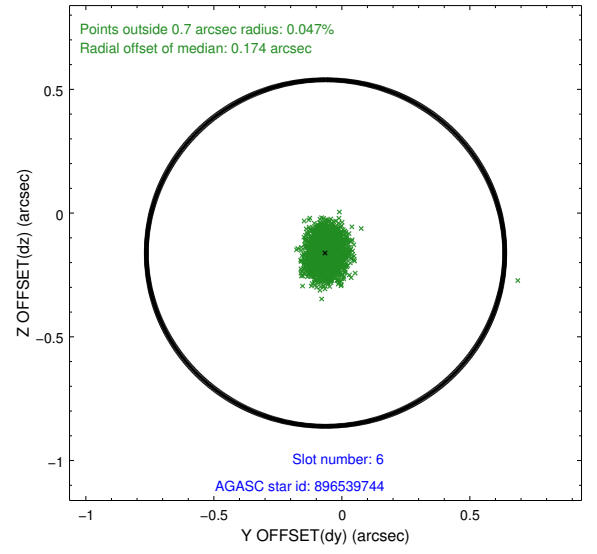
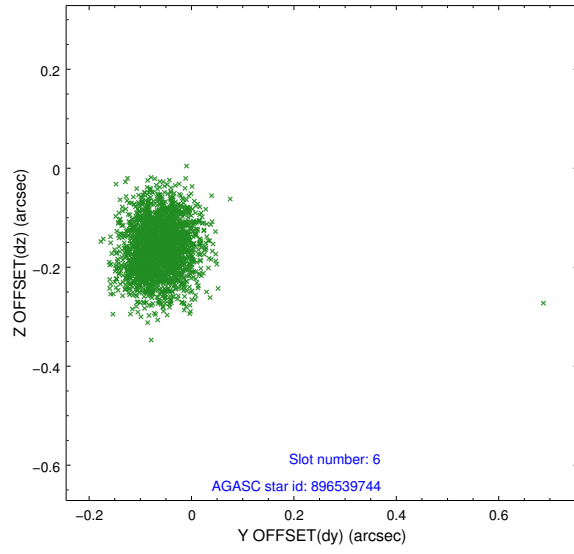
## 2.4.2 Slot 4



### 2.4.3 Slot 5

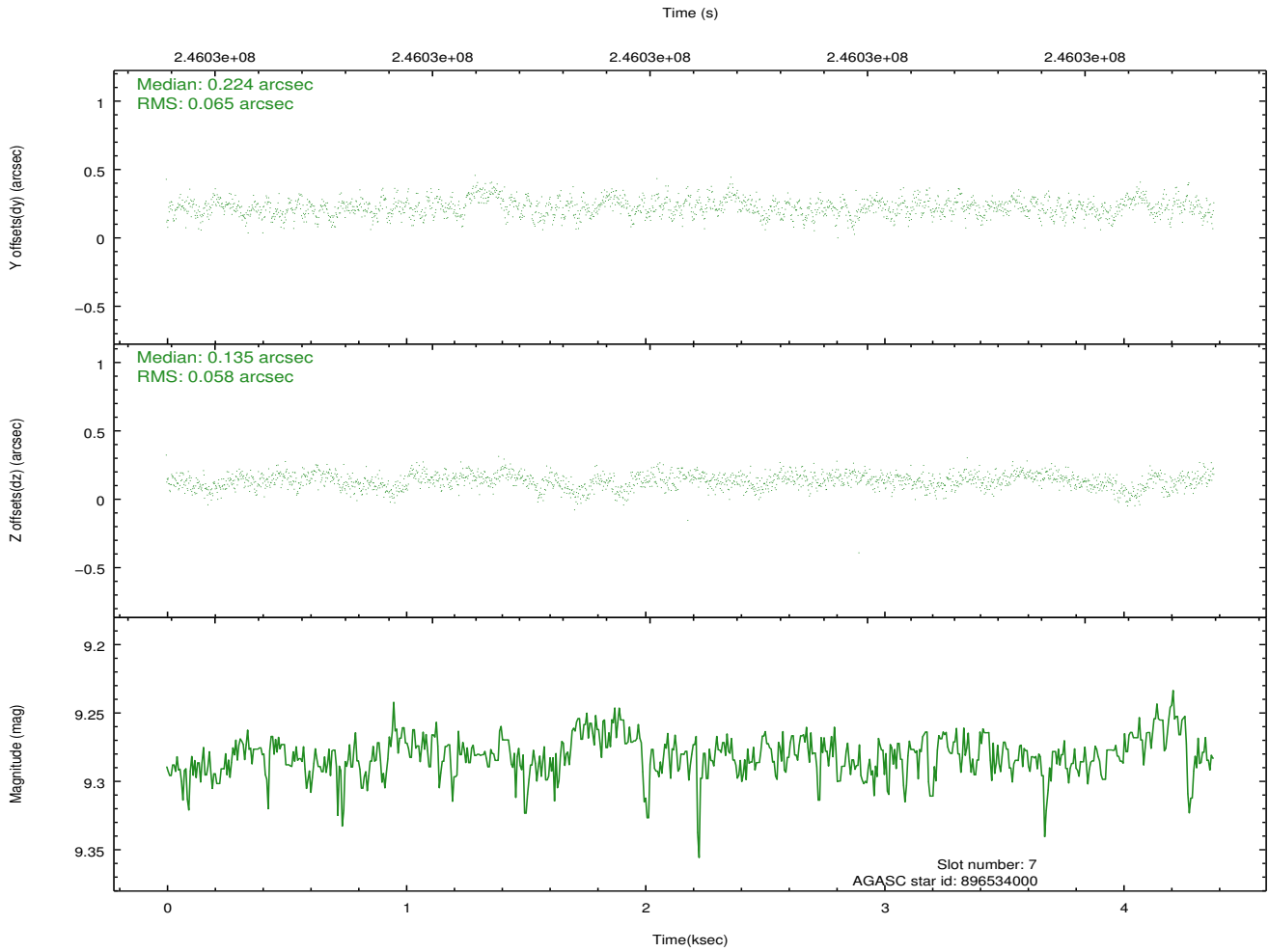
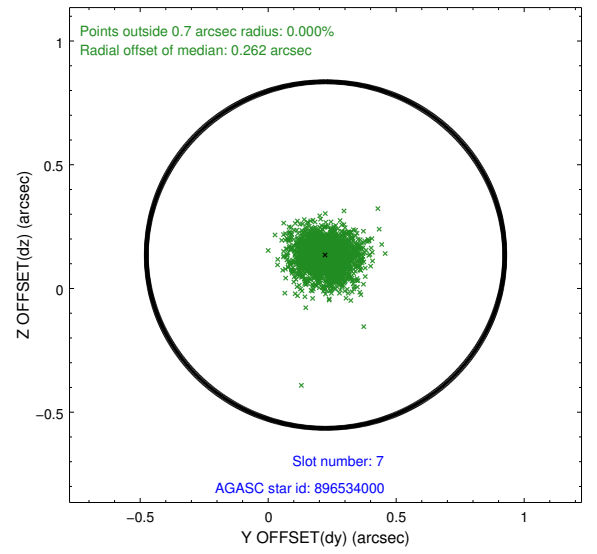
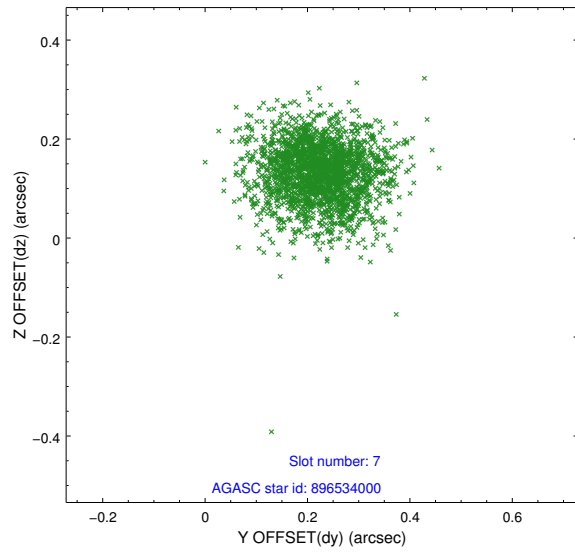


## 2.4.4 Slot 6



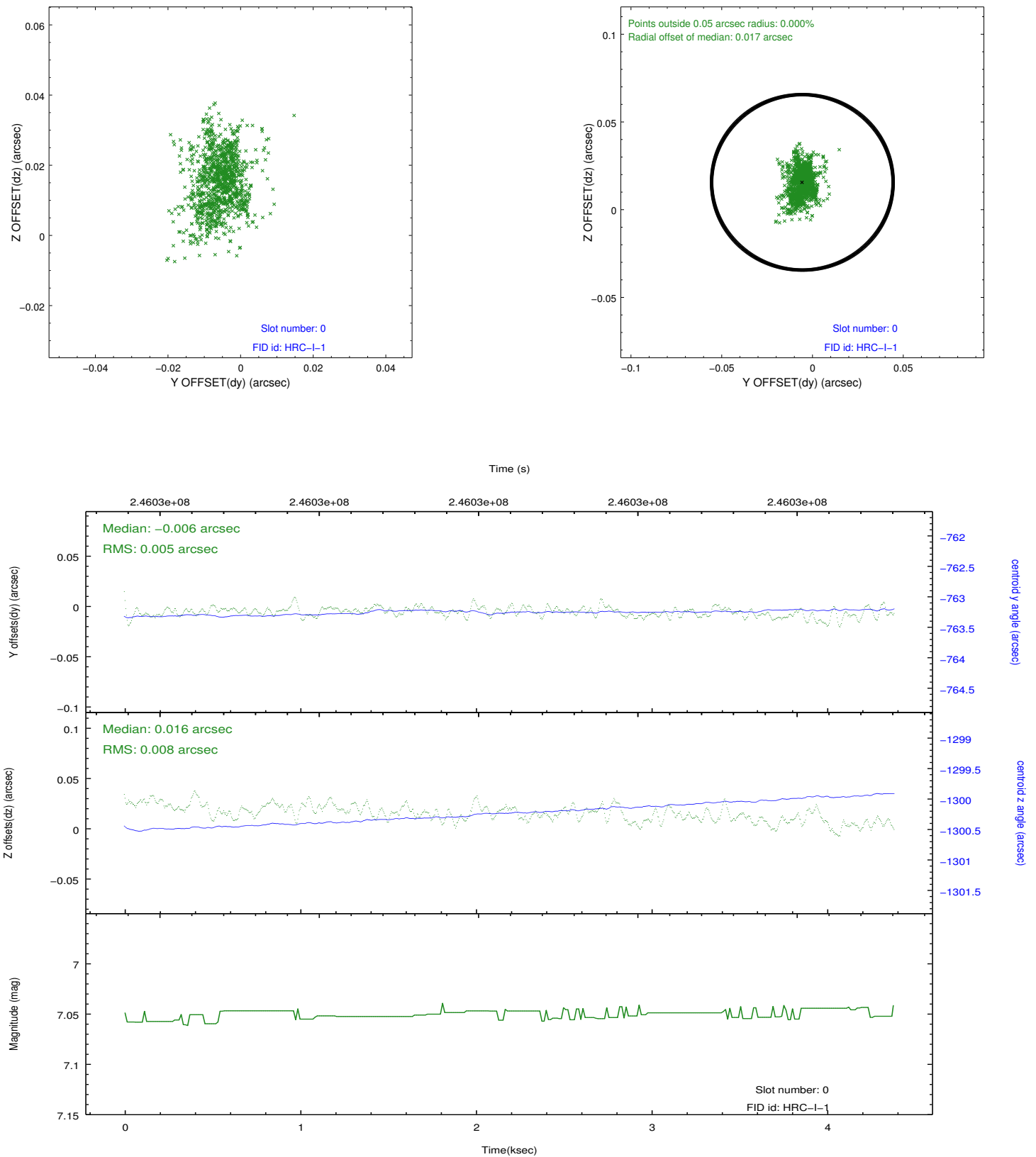


## 2.4.5 Slot 7

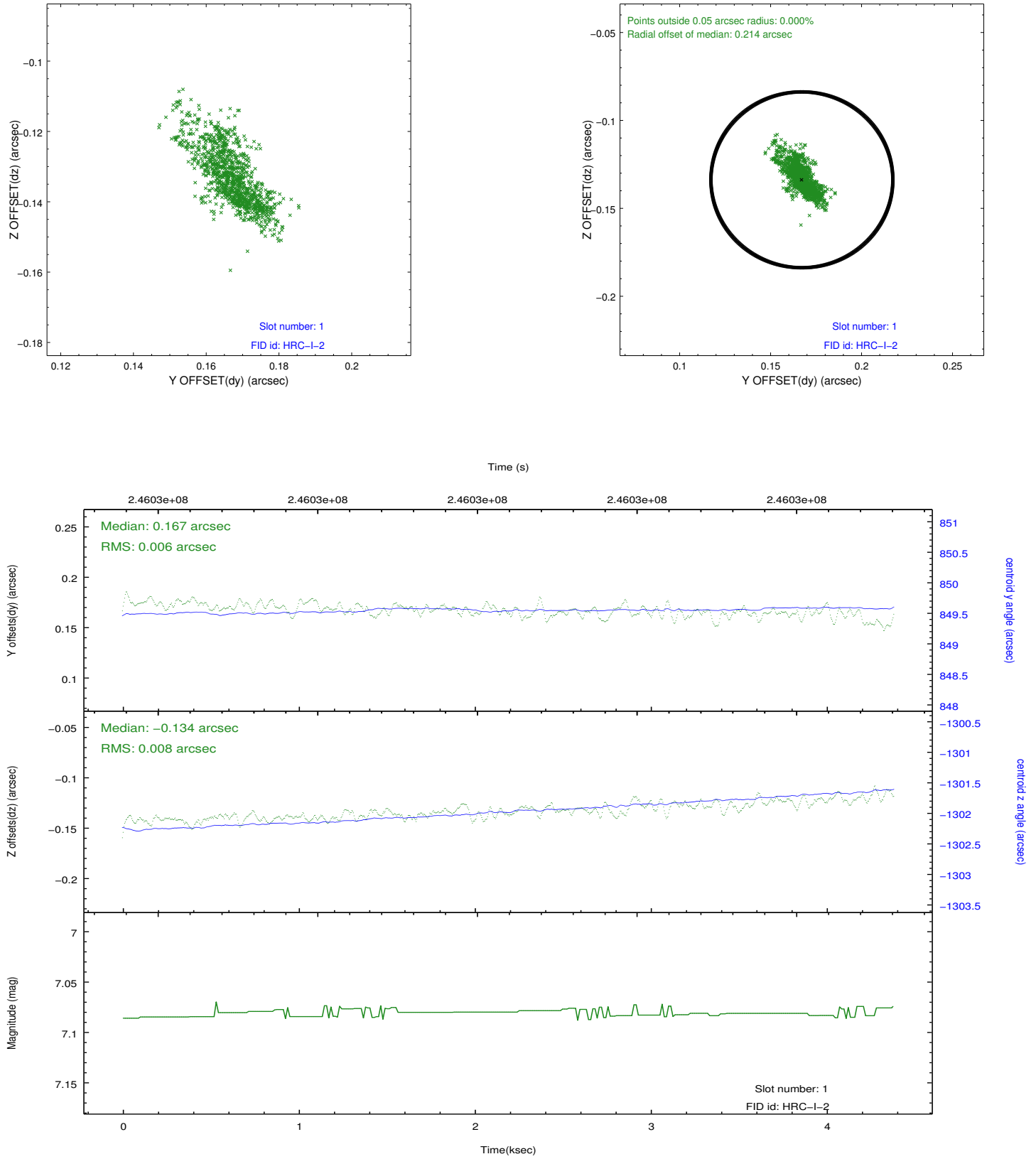


## 2.5 FID Slots

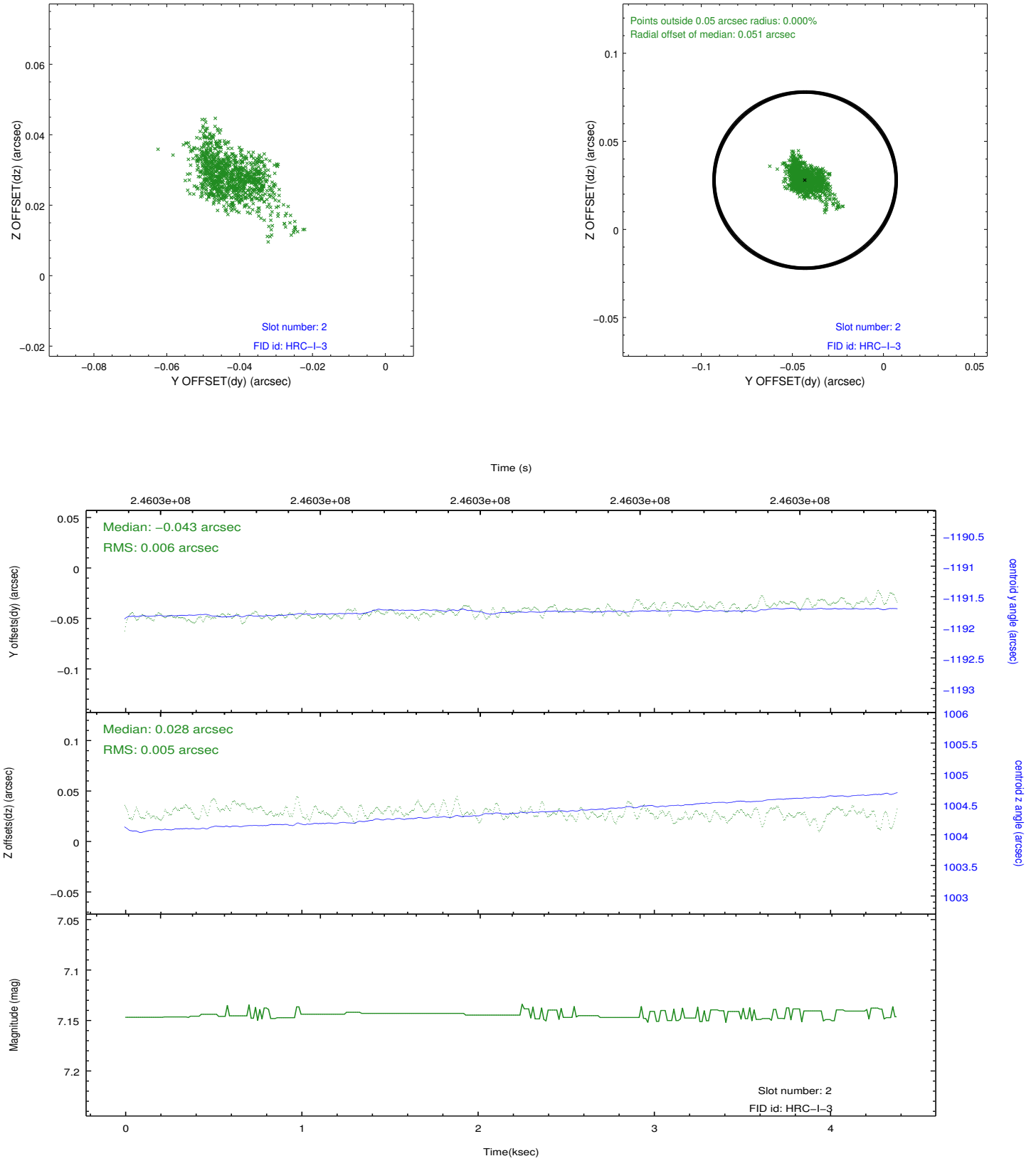
### 2.5.1 Slot 0



## 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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.382131

## A.2 Comments

Joint proposal with XMM.

Window preference met.