

# V&V Reference Report

## L2 ASCDS Version : 8.5.1.1

Observation 6201 - L2 Version 4  
Chandra X-Ray Center

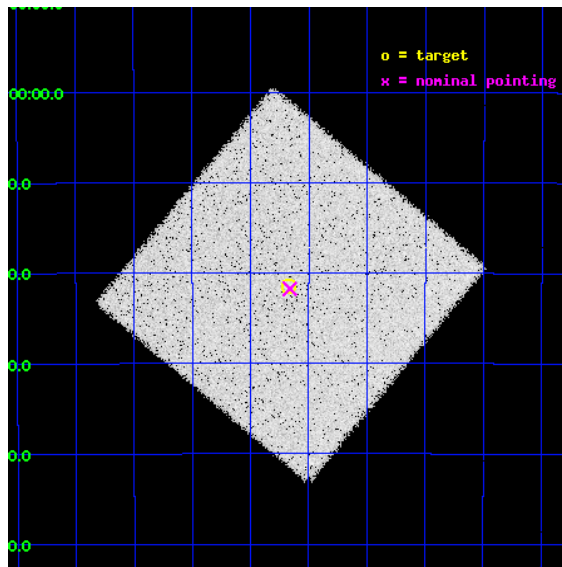
L2 Processing Date : Dec 30 2012

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# 1 Front

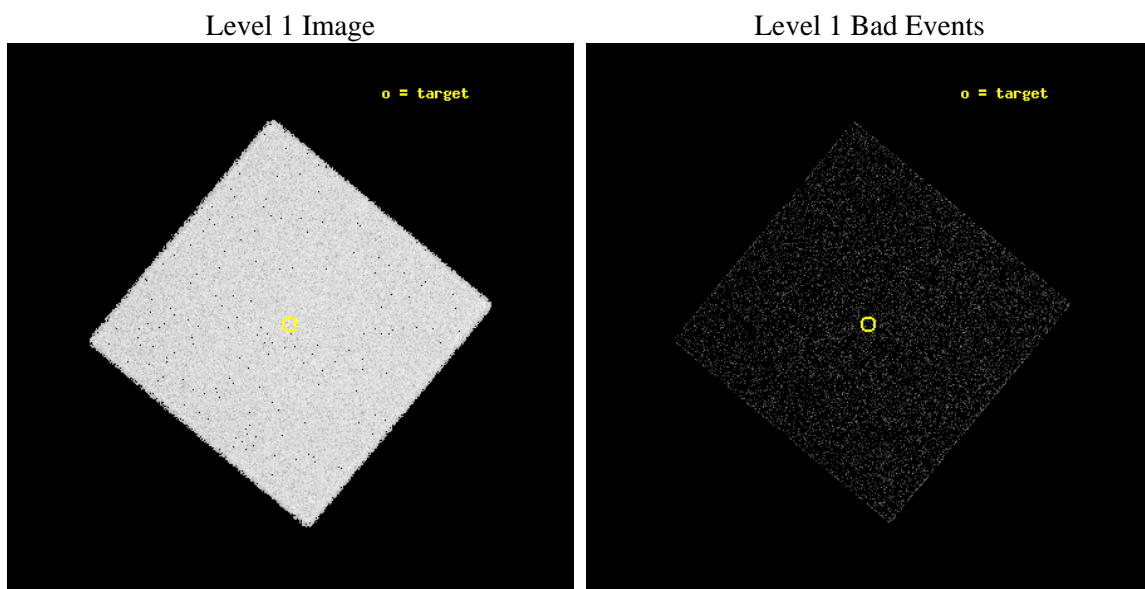
seq_num	400461	Sequence number
obs_id	6201	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-10	Source name
ra_targ	266.1675	Observer's specified target RA [deg]
dec_targ	-29.358611	Observer's specified target Dec [deg]
ra_nom	266.16536536511	Nominal RA [deg]
dec_nom	-29.36229704389	Nominal Dec [deg]
roll_nom	264.84679061593	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4379.8252018392	[s]
livetime	4347.3689134579	Ontime multiplied by DTCOR
l2events	175415	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	4379.8252018392	[s]
caldbver	4.5.5	&#160	l1events	315971	Number of level 1 events
date	2012-12-30T20:07:23	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

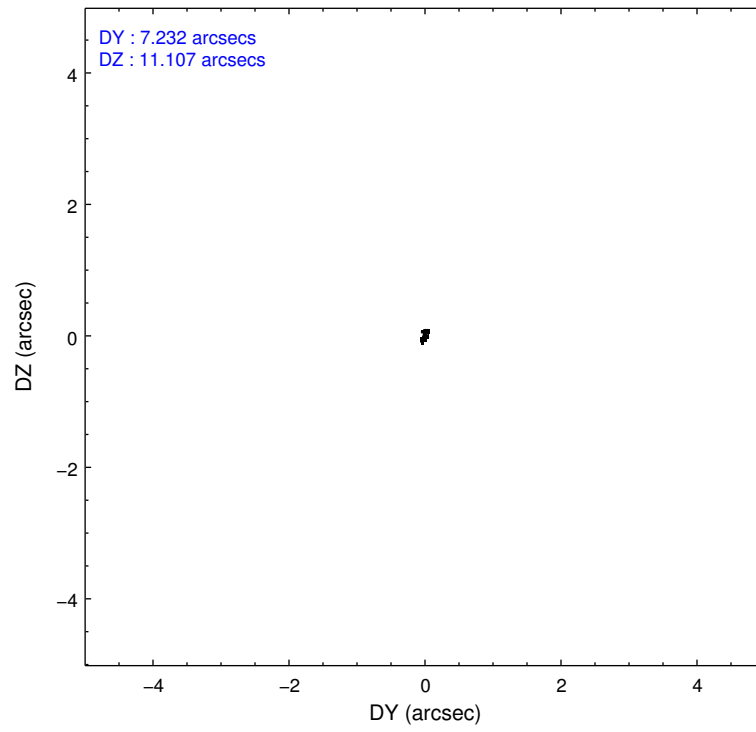
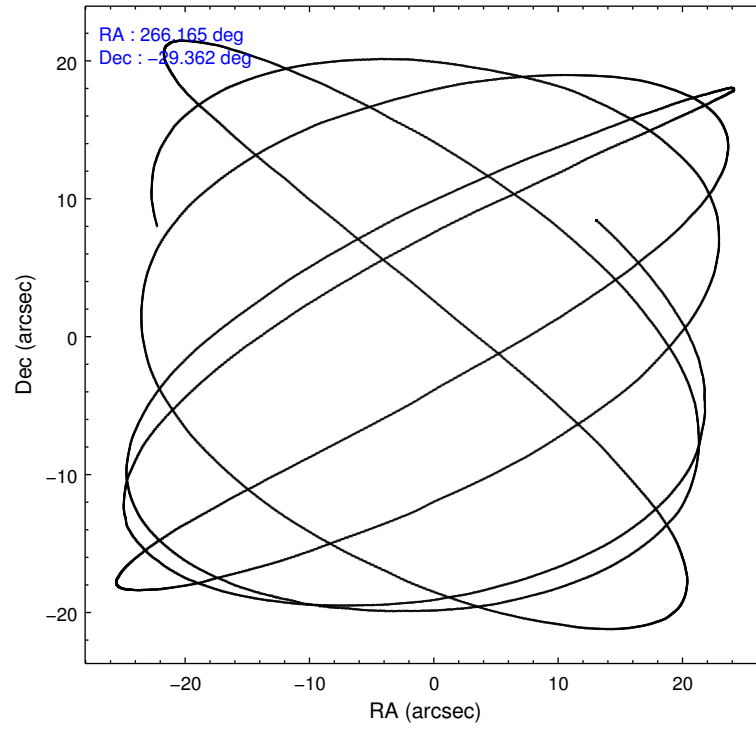
	<b>segment 0</b>
level 1 events	315971
rejected events	54108
rejected %	17%

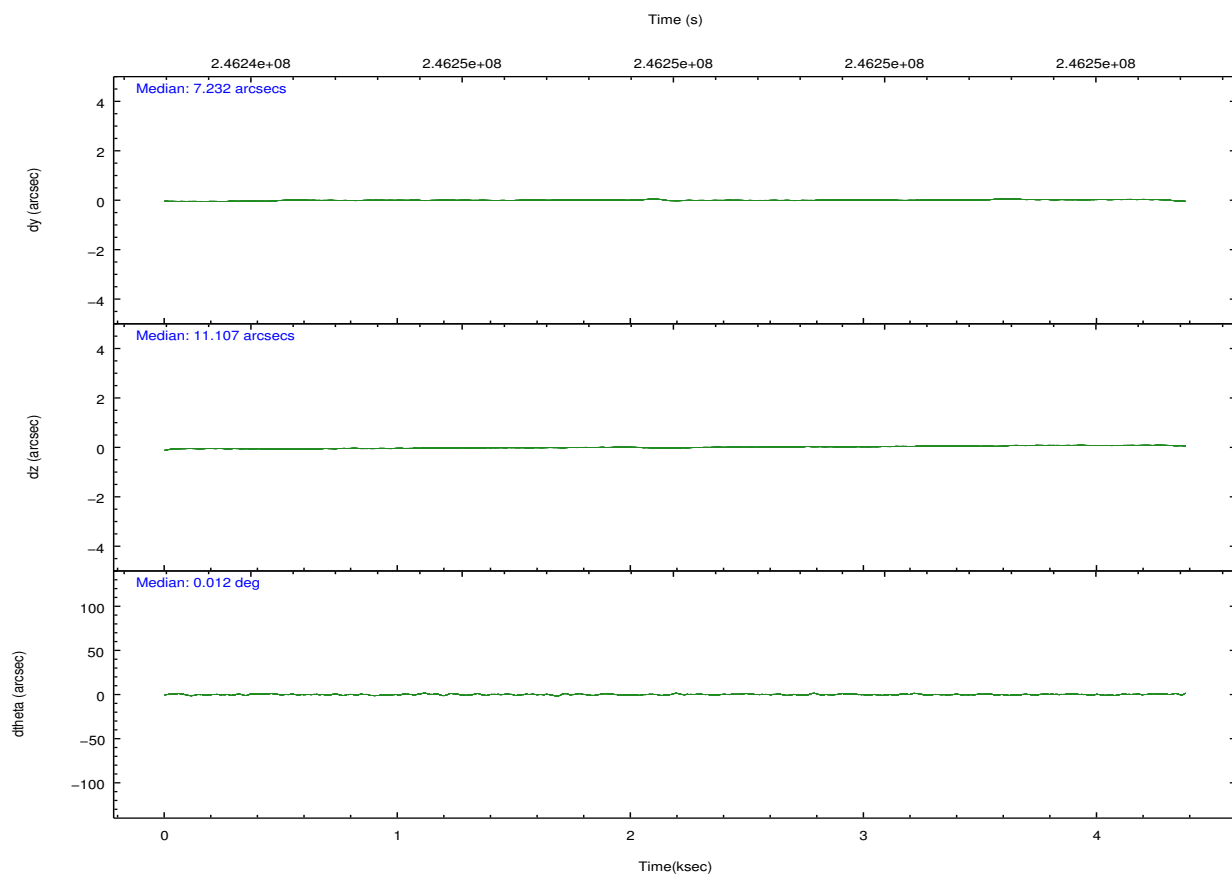
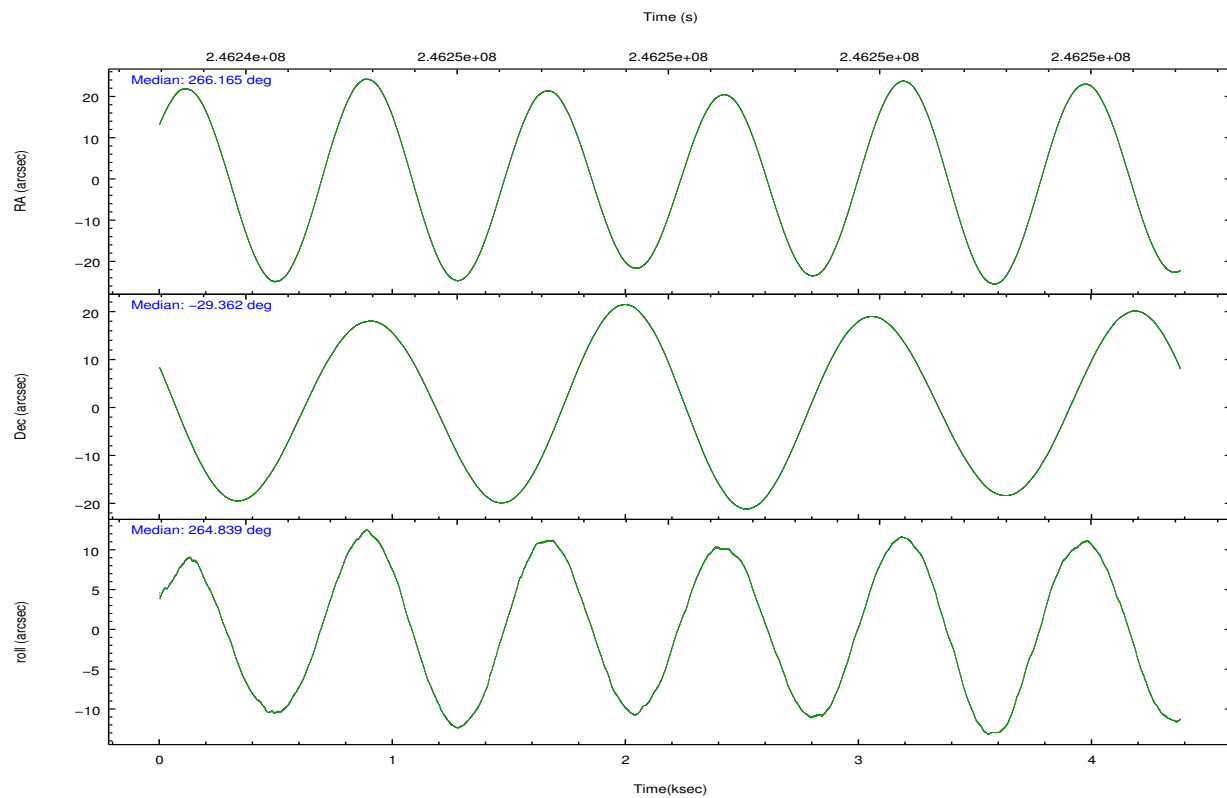


## 2.2 Compared Parameters

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	266.151548	266.1653653651106			
[deg] Pointing Dec	-29.337977	-29.36229704388959			
[deg] Pointing Roll	264.935520	264.8467906159314			
[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)	246244998.184000	246244622.36626			
Observation start date	2005-10-21T01:22:14	2005-10-21T01:17:02			
[s] Observation end time (MET)	246249198.184000	246249900.604			
Observation end date	2005-10-21T02:32:14	2005-10-21T02:45:00			

## 2.3 Aspect



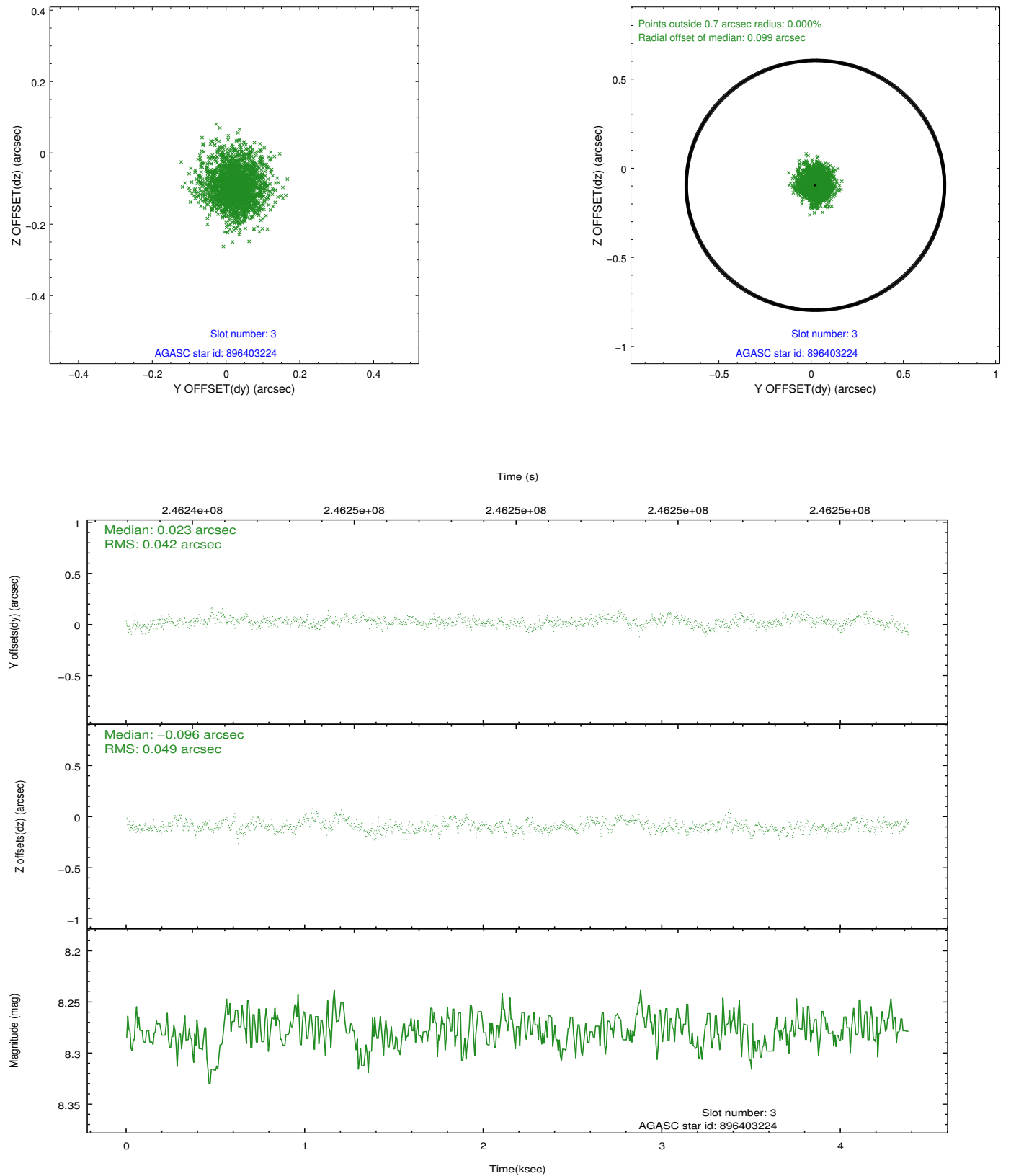


### Slot Statistics

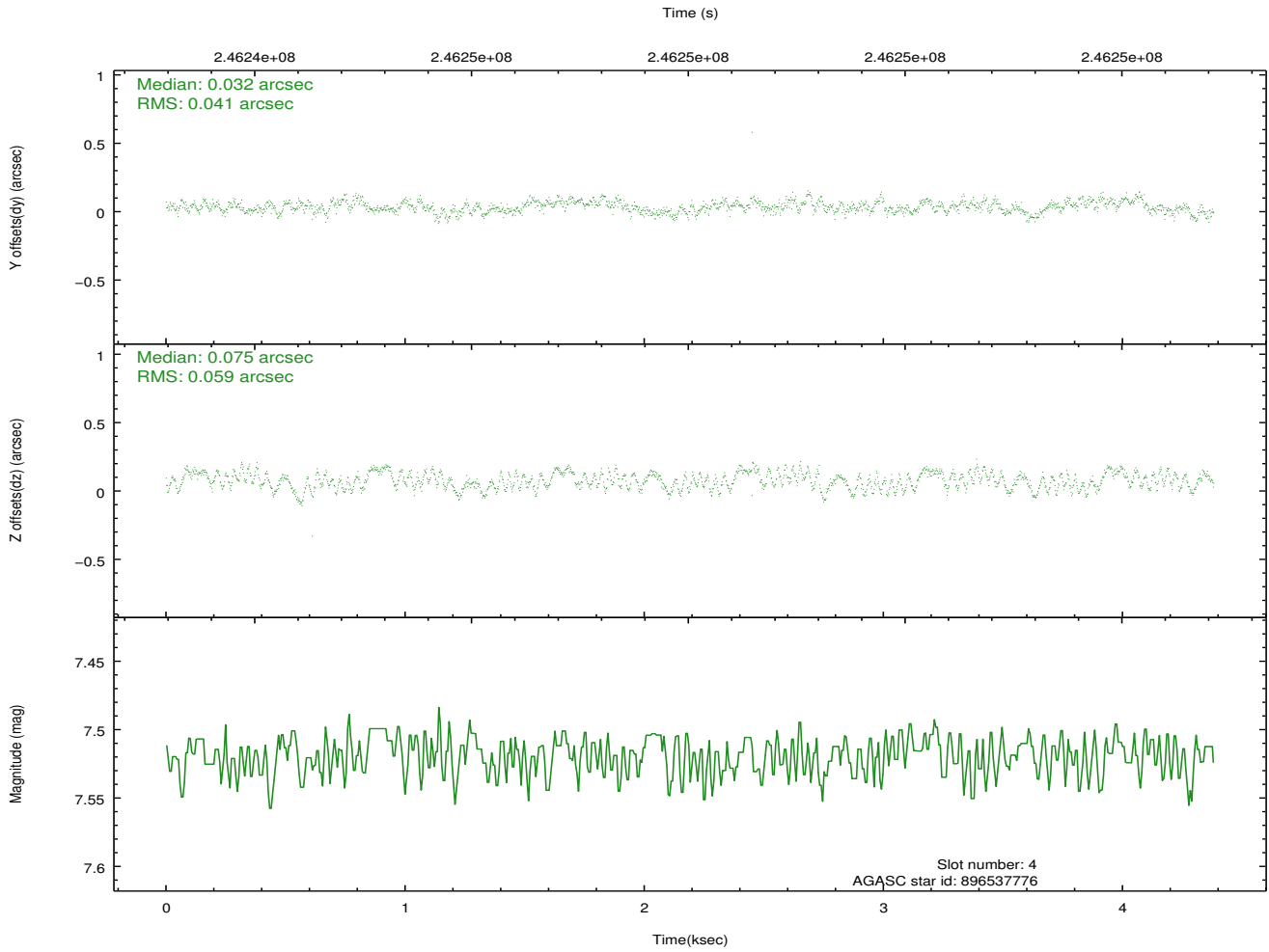
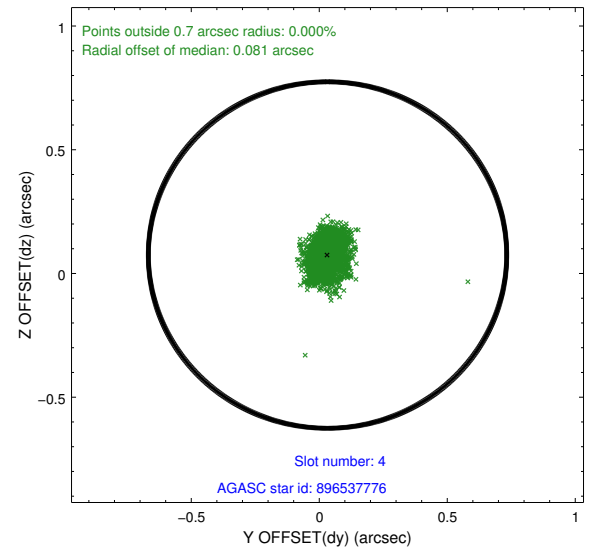
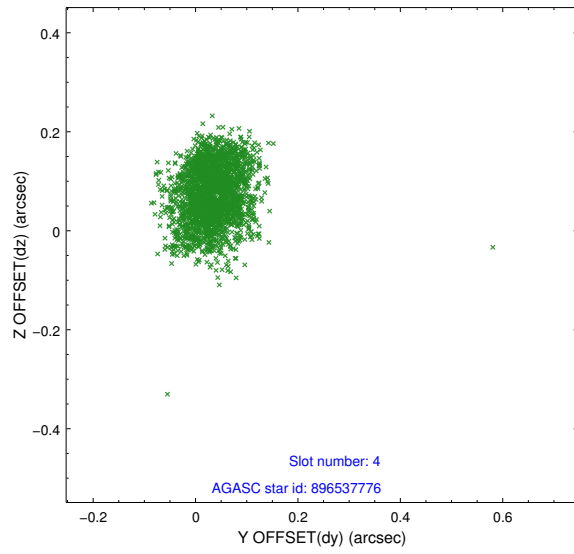
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1069	-0.039	-0.064	0.006	0.009	0.000000	0.000000	-762.93	-1299.09
1	FID	HRC-I-2	7.03	1069	0.090	-0.034	0.007	0.010	0.000000	0.000000	849.11	-1301.94
2	FID	HRC-I-4	7.05	1069	0.065	0.006	0.005	0.008	0.000000	0.000000	1280.89	1001.81
3	GUIDE	896403224	8.28	2138	0.023	-0.096	0.069	0.114	265.612825	-29.438915	515.78	-1650.19
4	GUIDE	896537776	7.52	2138	0.032	0.075	0.077	0.117	266.655684	-29.665673	1039.78	1674.50
5	GUIDE	896541360	7.72	2137	-0.020	0.079	0.068	0.107	266.684478	-29.453744	272.13	1701.83
6	GUIDE	896404784	9.32	2134	-0.091	-0.067	0.119	0.190	265.491289	-29.092670	-689.49	-2146.11
7	GUIDE	896403520	9.00	2137	0.053	0.009	0.083	0.134	265.626481	-28.748780	-1962.46	-1839.32

## 2.4 Star Slots

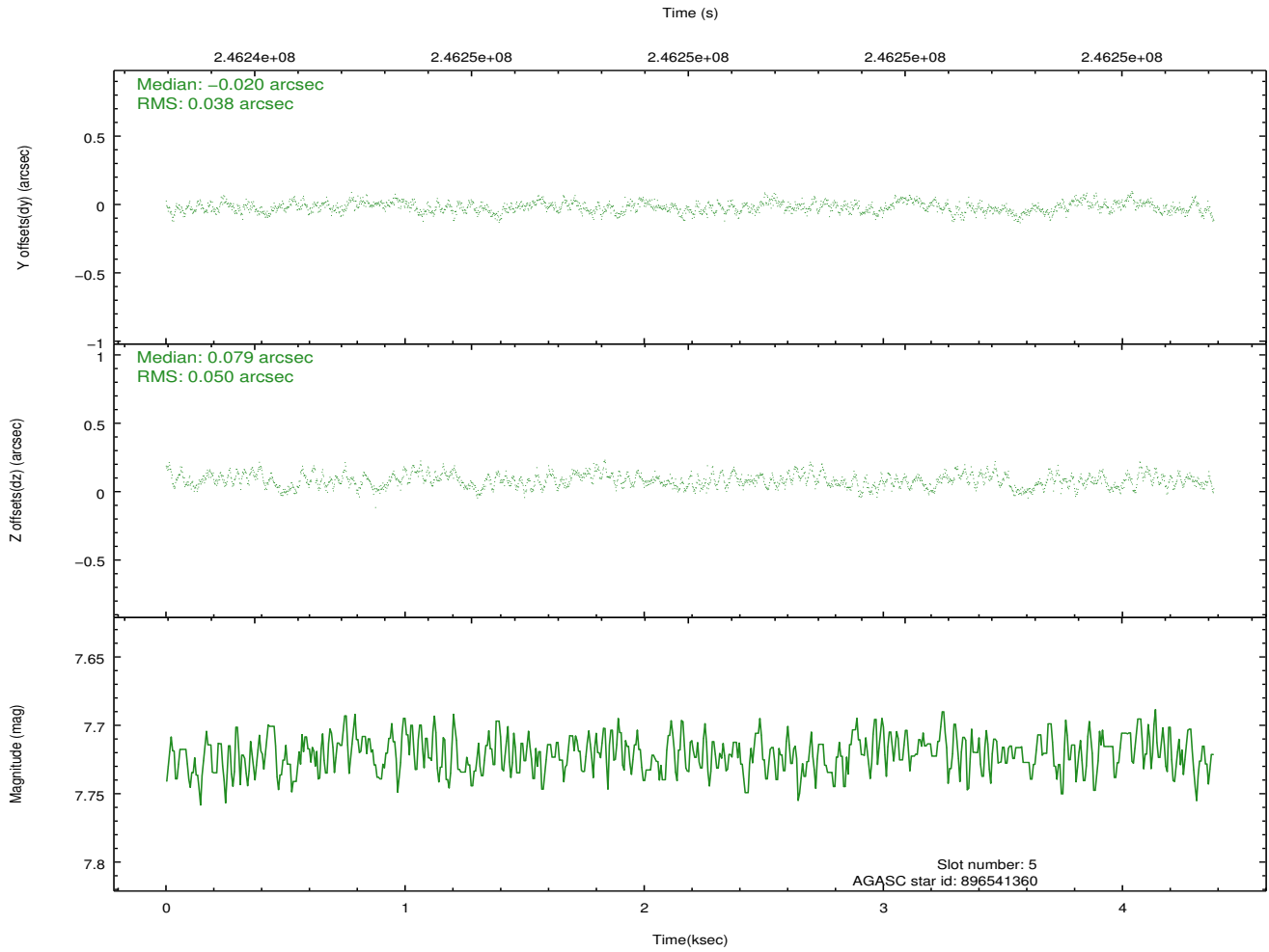
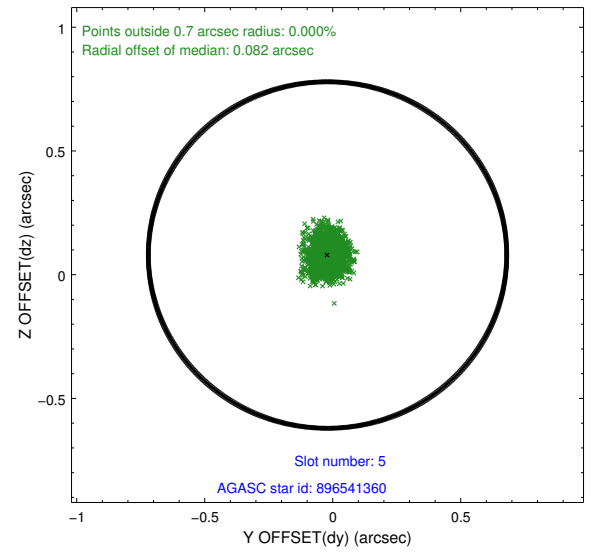
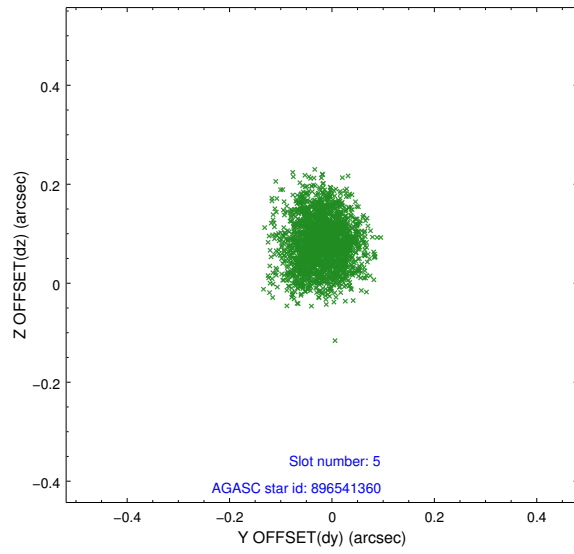
### 2.4.1 Slot 3



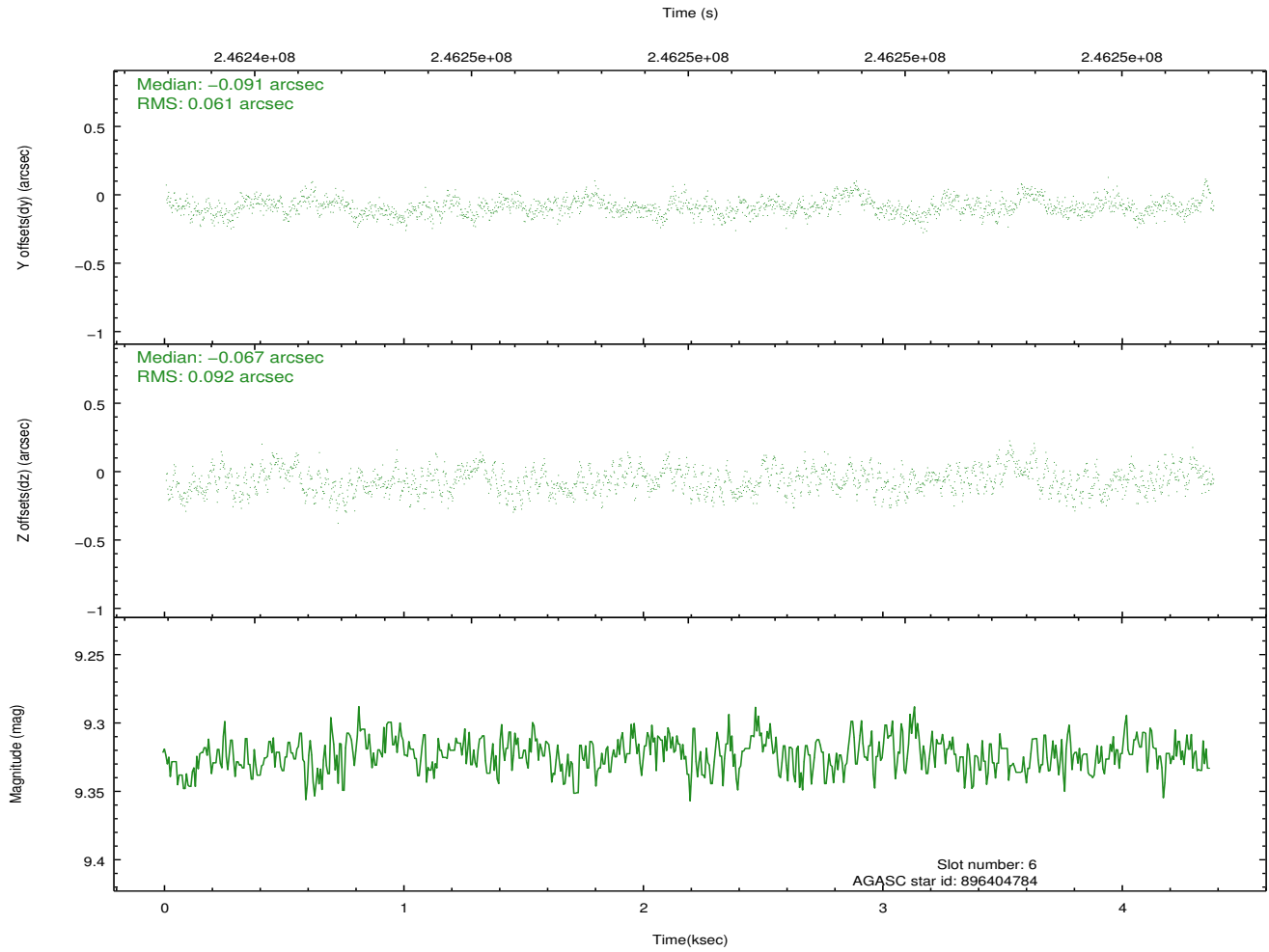
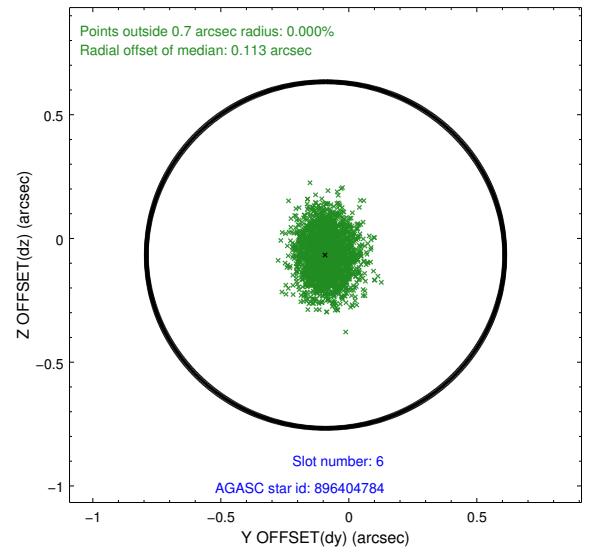
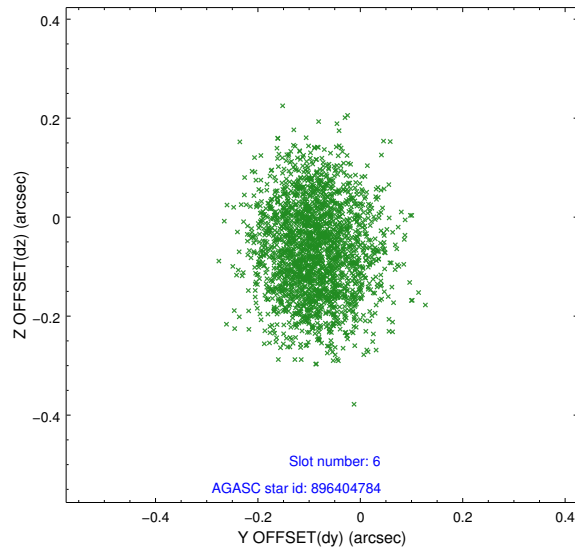
## 2.4.2 Slot 4



### 2.4.3 Slot 5

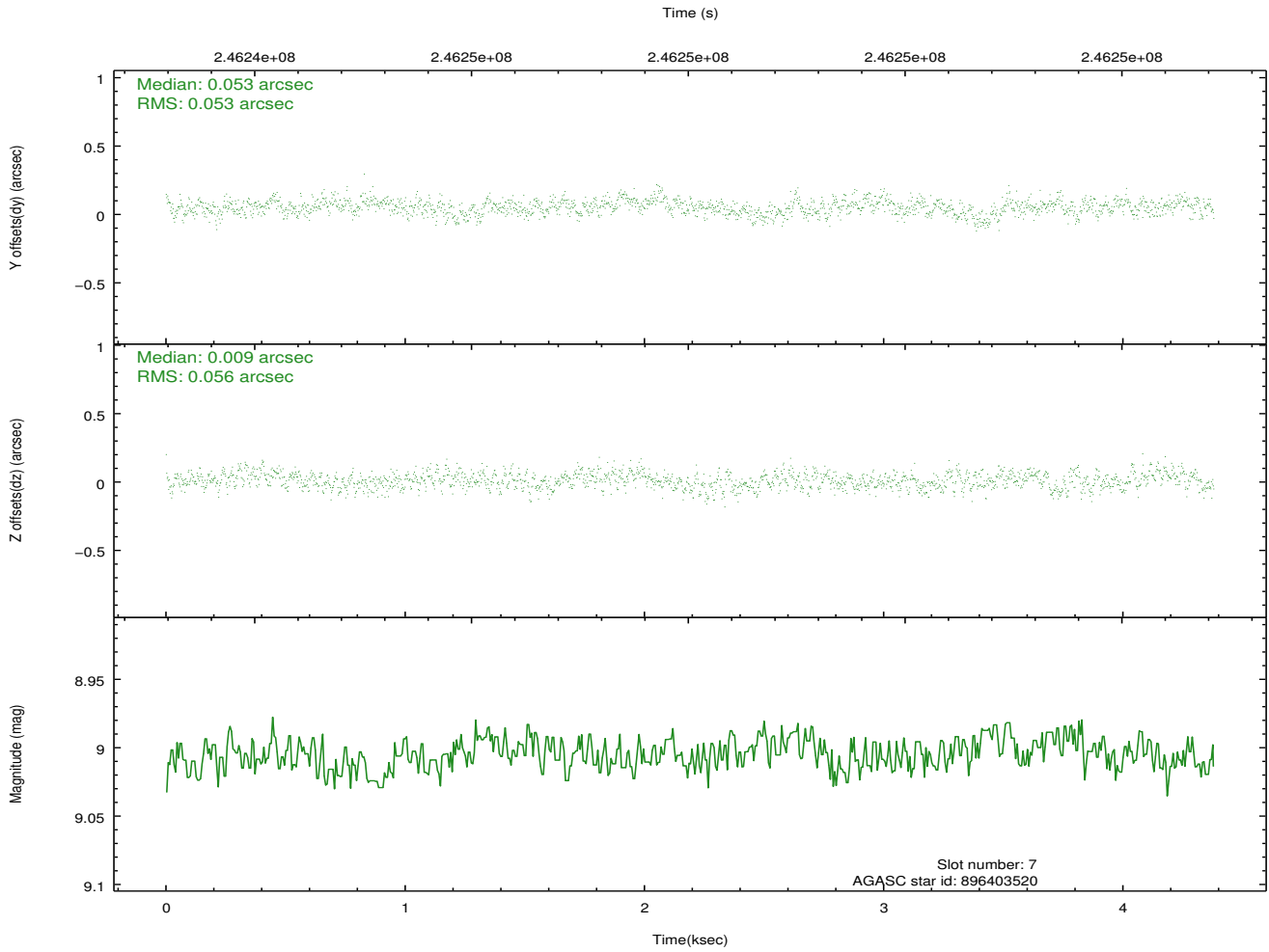
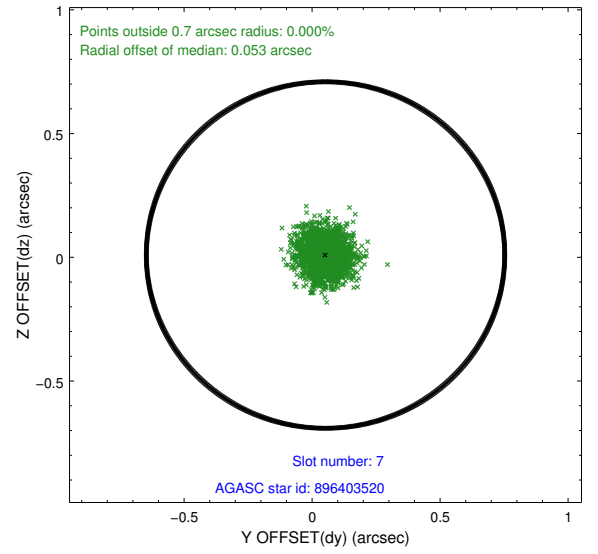
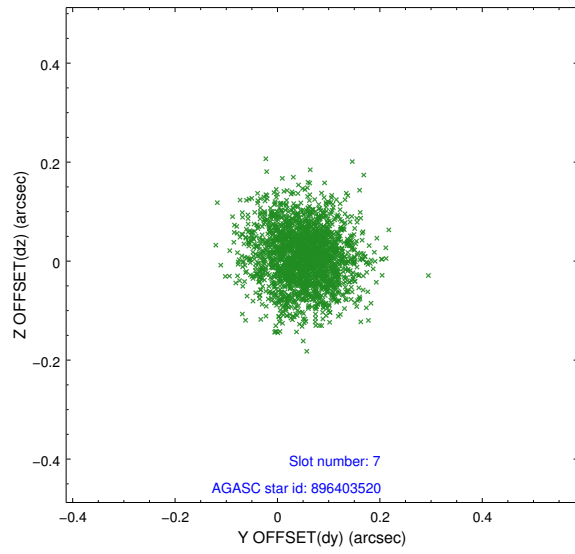


## 2.4.4 Slot 6



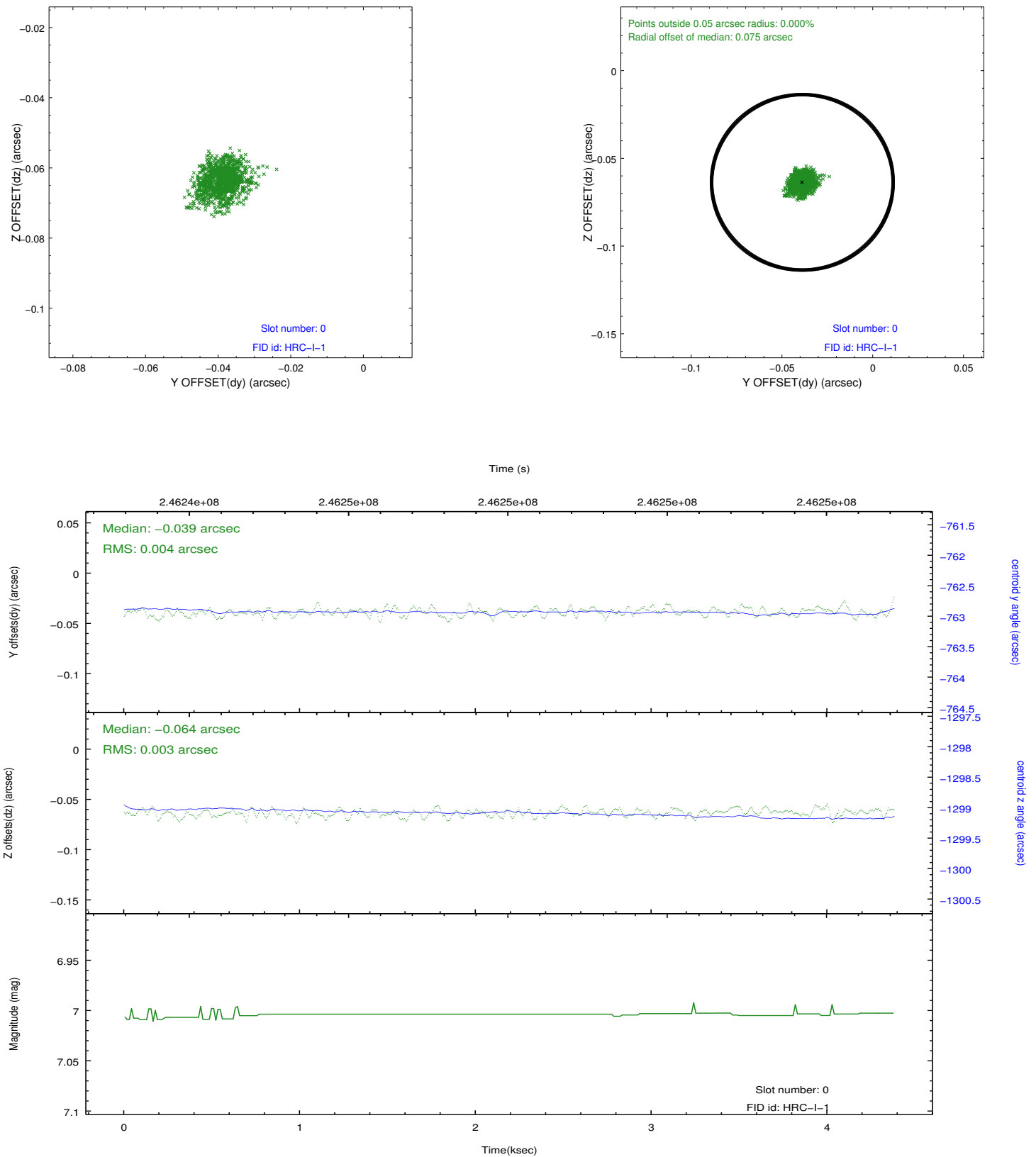


## 2.4.5 Slot 7

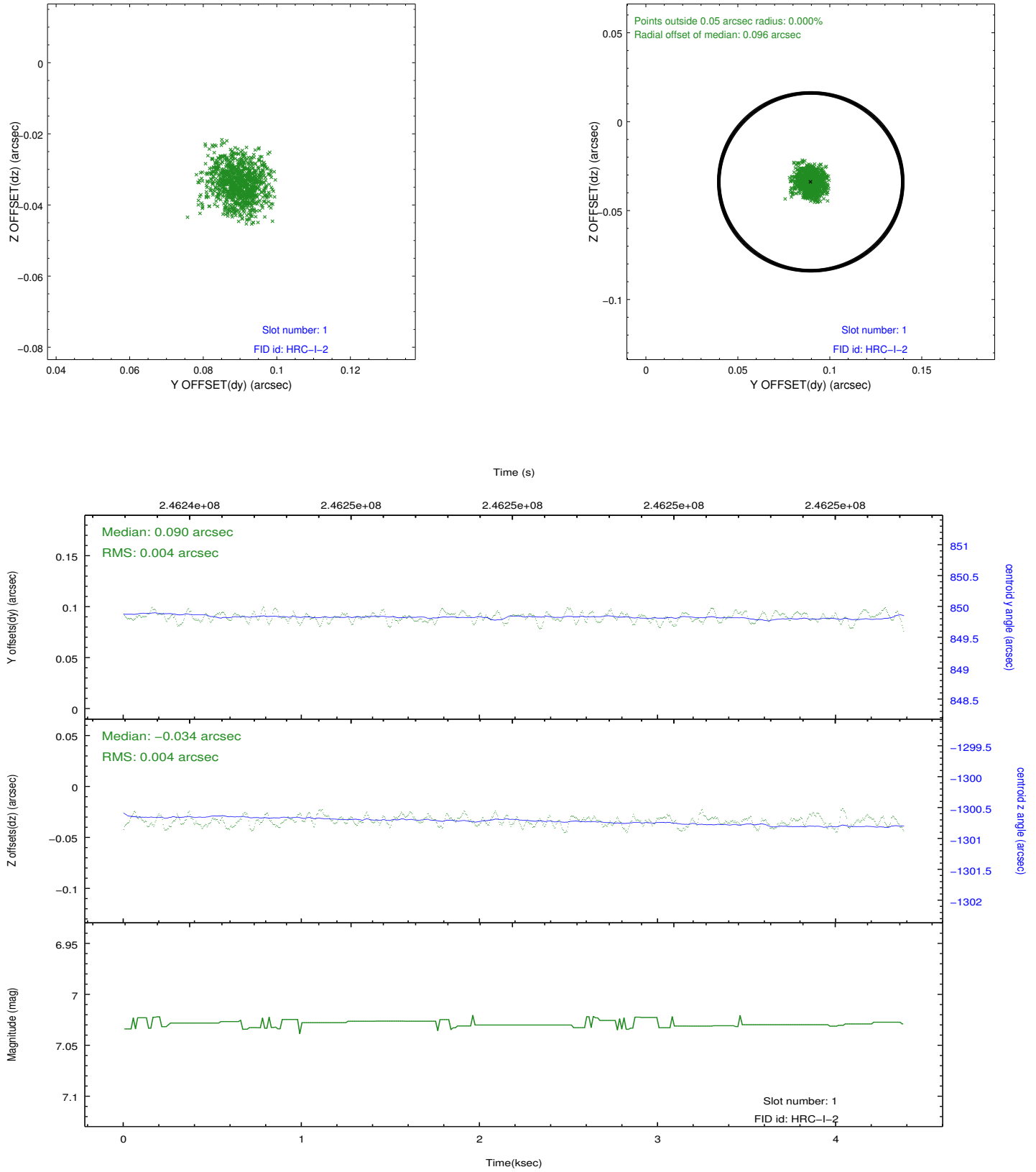


## 2.5 FID Slots

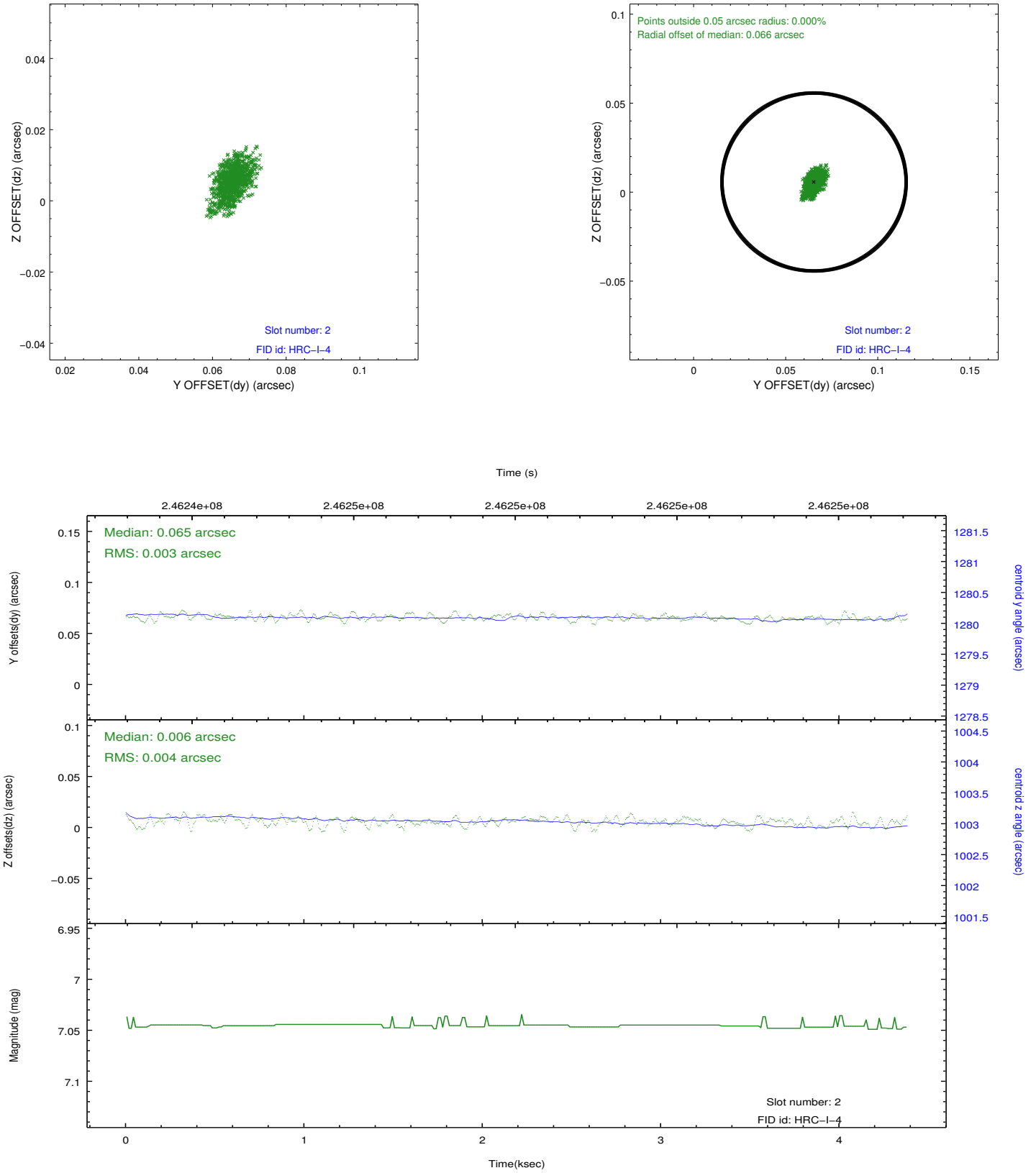
### 2.5.1 Slot 0



## 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	4.380081

## A.2 Comments

Joint proposal with XMM.