

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 9038 - L2 Version 3  
Chandra X-Ray Center

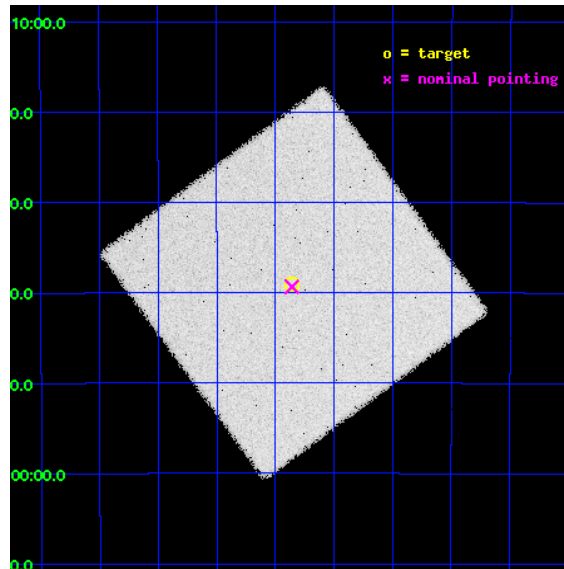
L2 Processing Date : Aug 12 2012

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# 1 Front

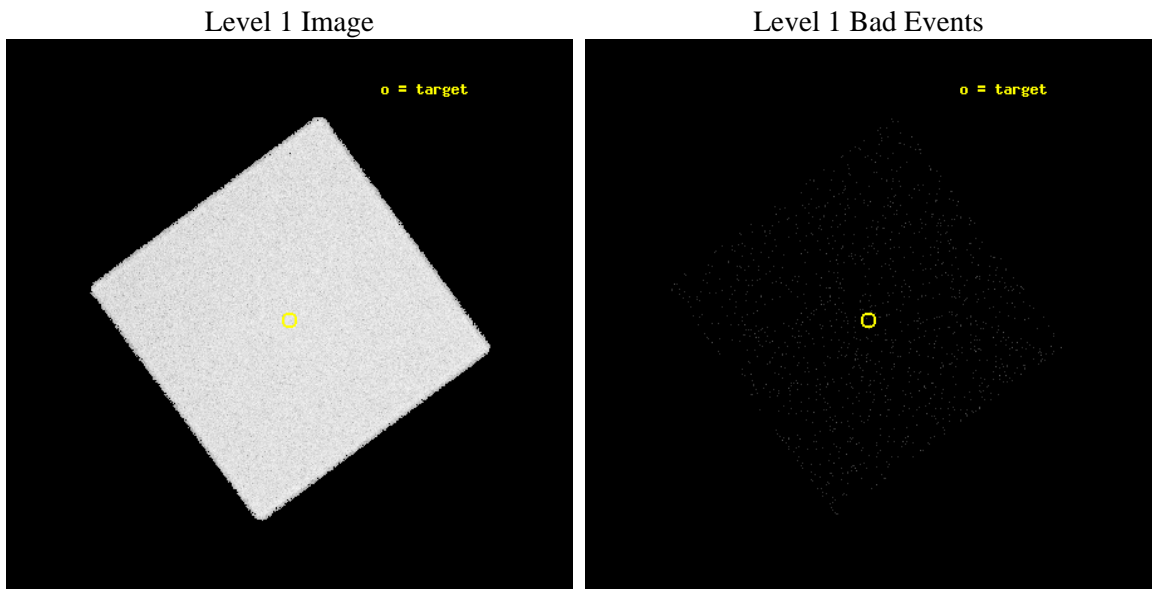
seq_num	400889	Sequence number
obs_id	9038	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-4	Source name
ra_targ	266.21625	Observer's specified target RA [deg]
dec_targ	-28.651417	Observer's specified target Dec [deg]
ra_nom	266.21505600846	Nominal RA [deg]
dec_nom	-28.655806939461	Nominal Dec [deg]
roll_nom	278.59668803178	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5179.5815035701	[s]
livetime	5126.6135250619	Ontime multiplied by DTCOR
l2events	319123	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5179.5815035701	[s]
caldbver	4.5.1.1	&#160	l1events	496612	Number of level 1 events
date	2012-08-12T15:48:52	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

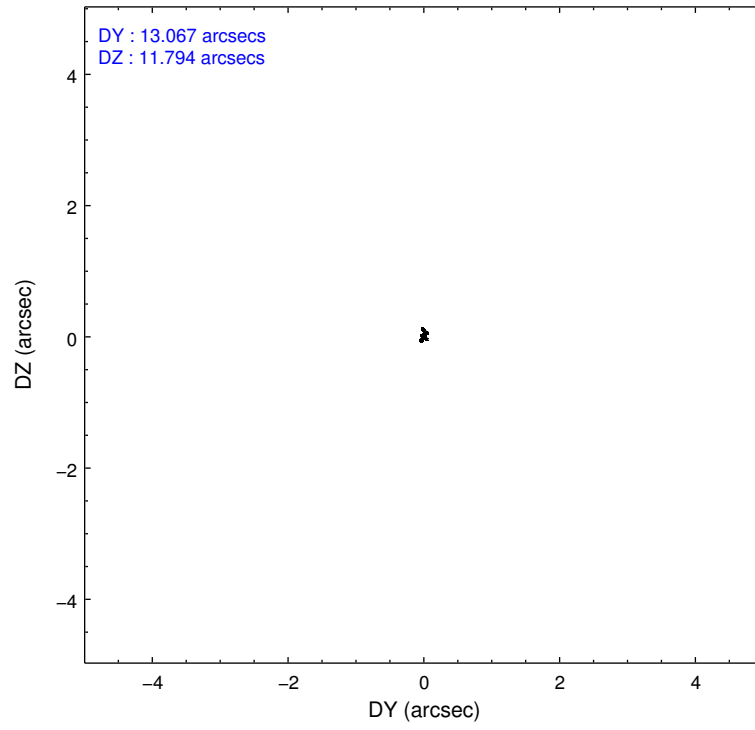
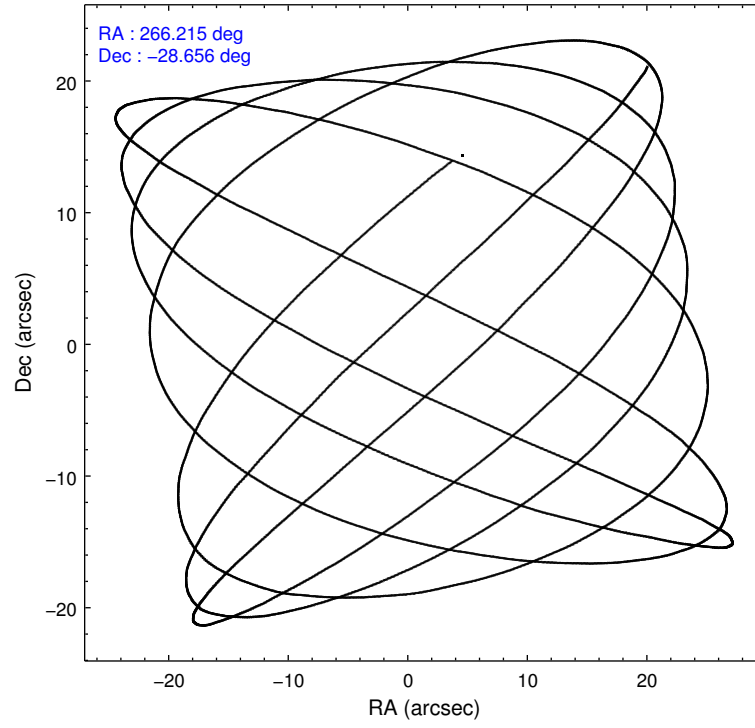
#### Level 1 Events

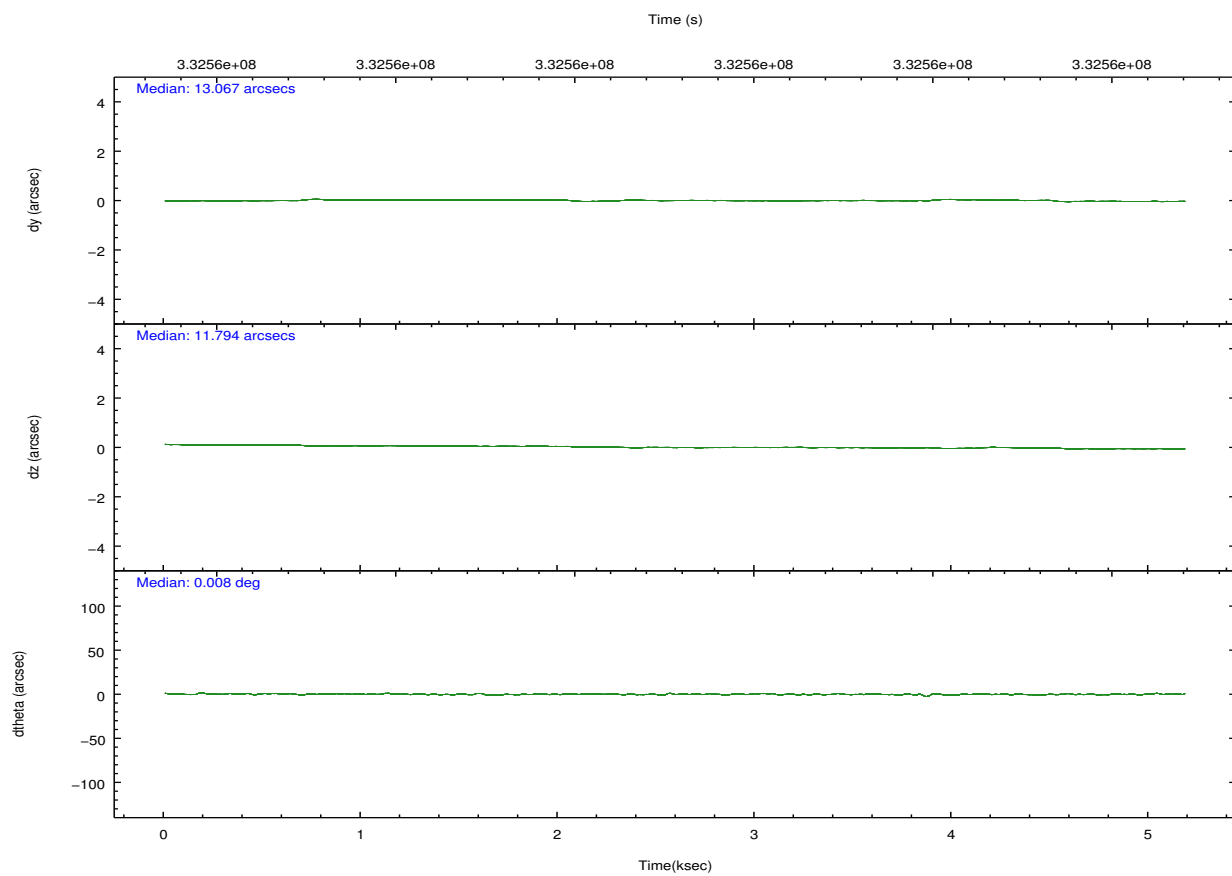
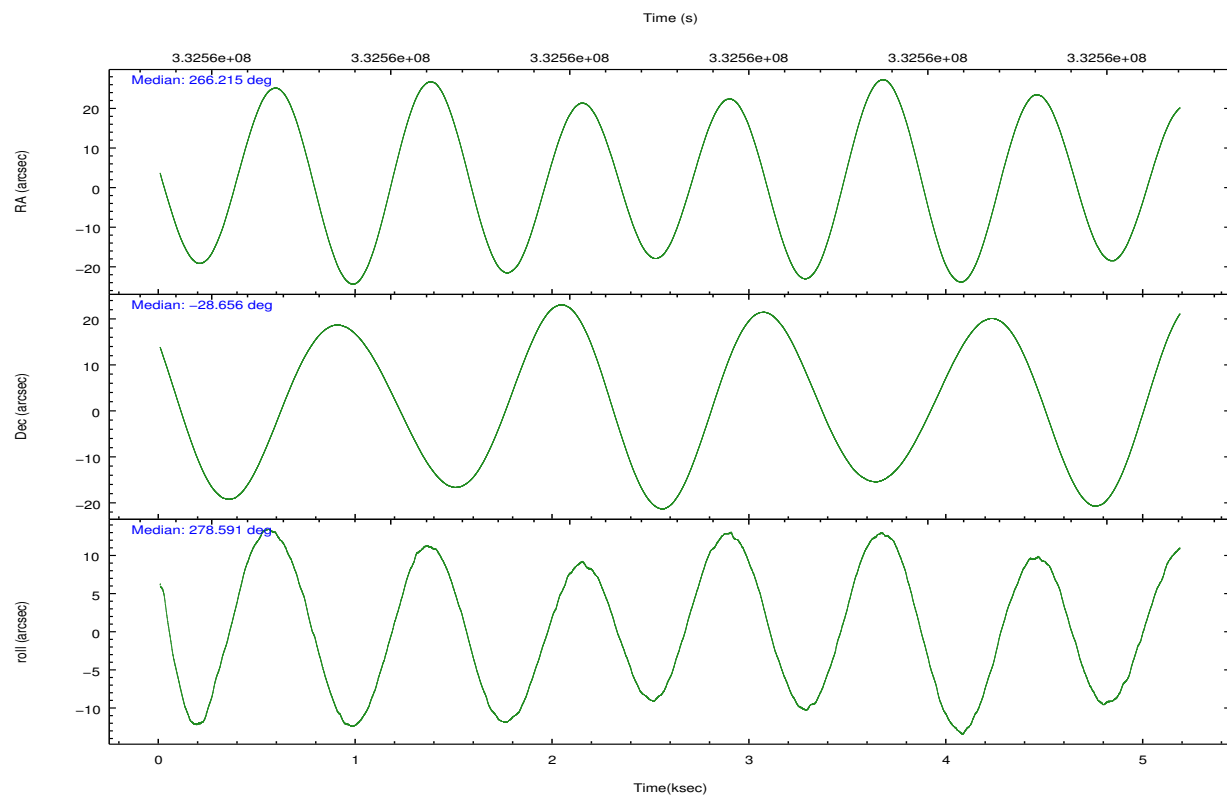
	<b>segment 0</b>
level 1 events	496612
rejected events	30173
rejected %	6%

## 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	266.195266	266.2150560084592			
[deg] Pointing Dec	-28.634673	-28.6558069394614			
[deg] Pointing Roll	278.682688	278.5966880317773			
[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)	332560157.184000	332559773.45684			
Observation start date	2008-07-16T01:48:12	2008-07-16T01:42:53			
[s] Observation end time (MET)	332565157.184000	332565291.03211			
Observation end date	2008-07-16T03:11:32	2008-07-16T03:14:51			

## 2.3 Aspect



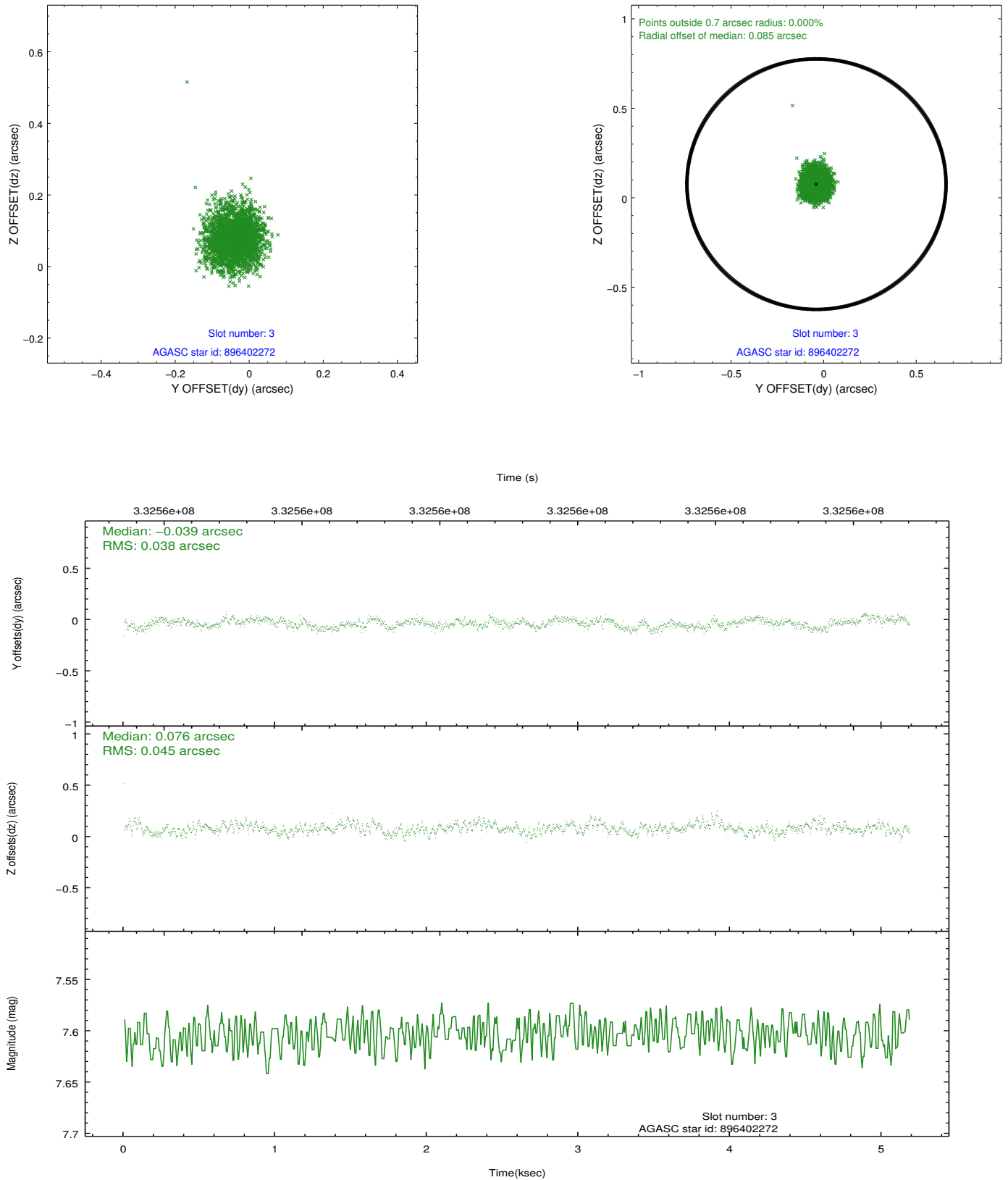


### Slot Statistics

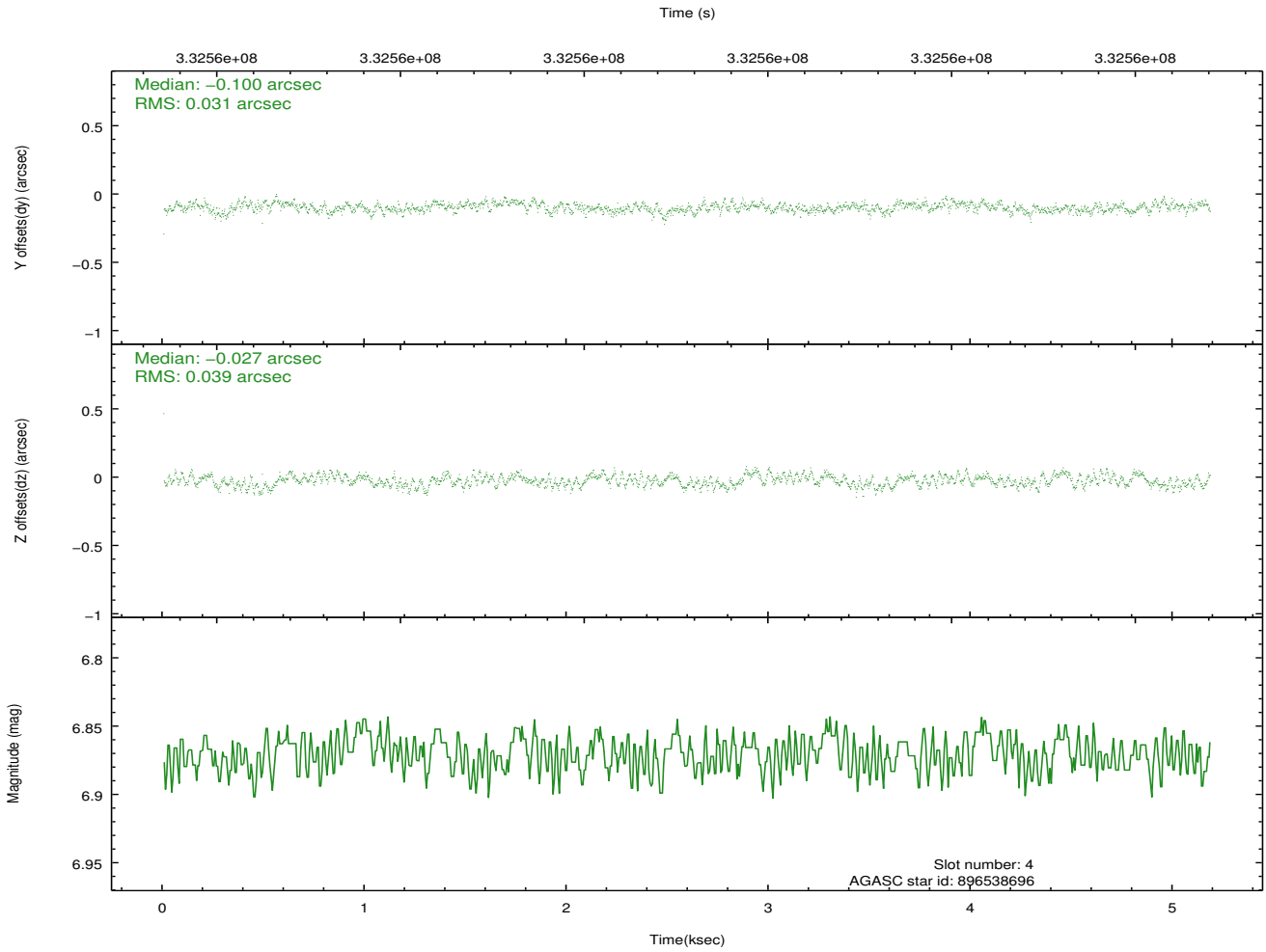
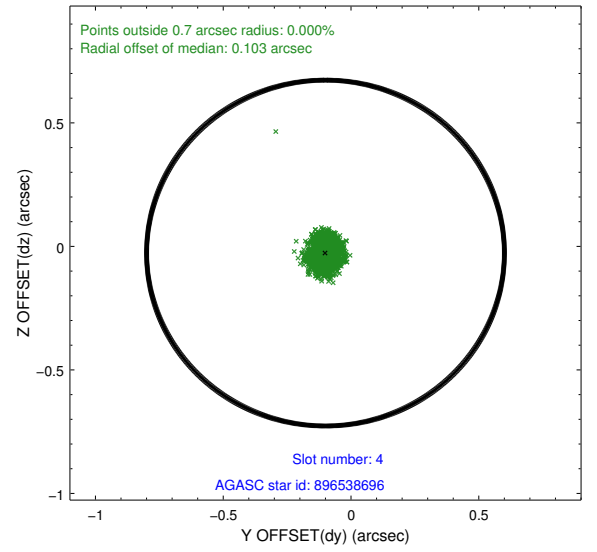
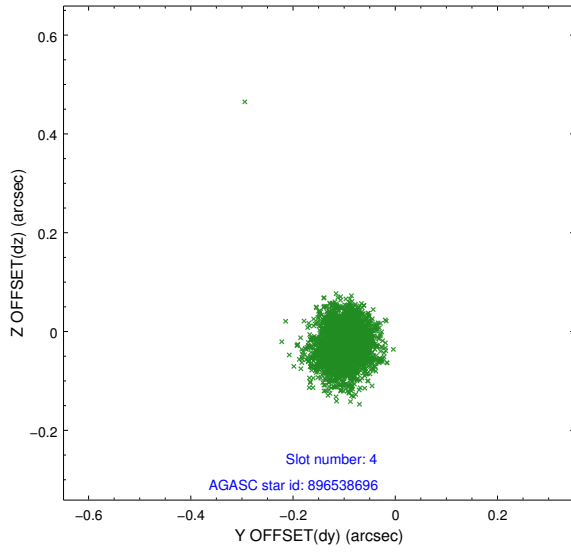
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	1264	0.111	-0.080	0.006	0.011	0.000000	0.000000	843.93	-1301.44
1	FID	HRC-I-3	7.06	1264	-0.123	0.046	0.006	0.011	0.000000	0.000000	-1196.77	1003.77
2	FID	HRC-I-4	6.98	1264	0.132	-0.052	0.006	0.011	0.000000	0.000000	1273.15	1003.12
3	GUIDE	896402272	7.60	2528	-0.039	0.076	0.063	0.101	265.637294	-28.313189	-1407.56	-1573.54
4	GUIDE	896538696	6.87	2528	-0.100	-0.027	0.053	0.081	266.298470	-28.325572	-1051.86	491.09
5	GUIDE	896540808	7.50	2528	-0.026	0.104	0.057	0.093	265.985401	-29.308604	2298.47	-1016.58
6	GUIDE	896534128	8.69	2526	0.114	0.026	0.075	0.123	266.503837	-29.080853	1735.95	717.39
7	GUIDE	896538840	8.93	2524	0.052	-0.186	0.100	0.157	266.920426	-28.466925	-243.04	2359.43

## 2.4 Star Slots

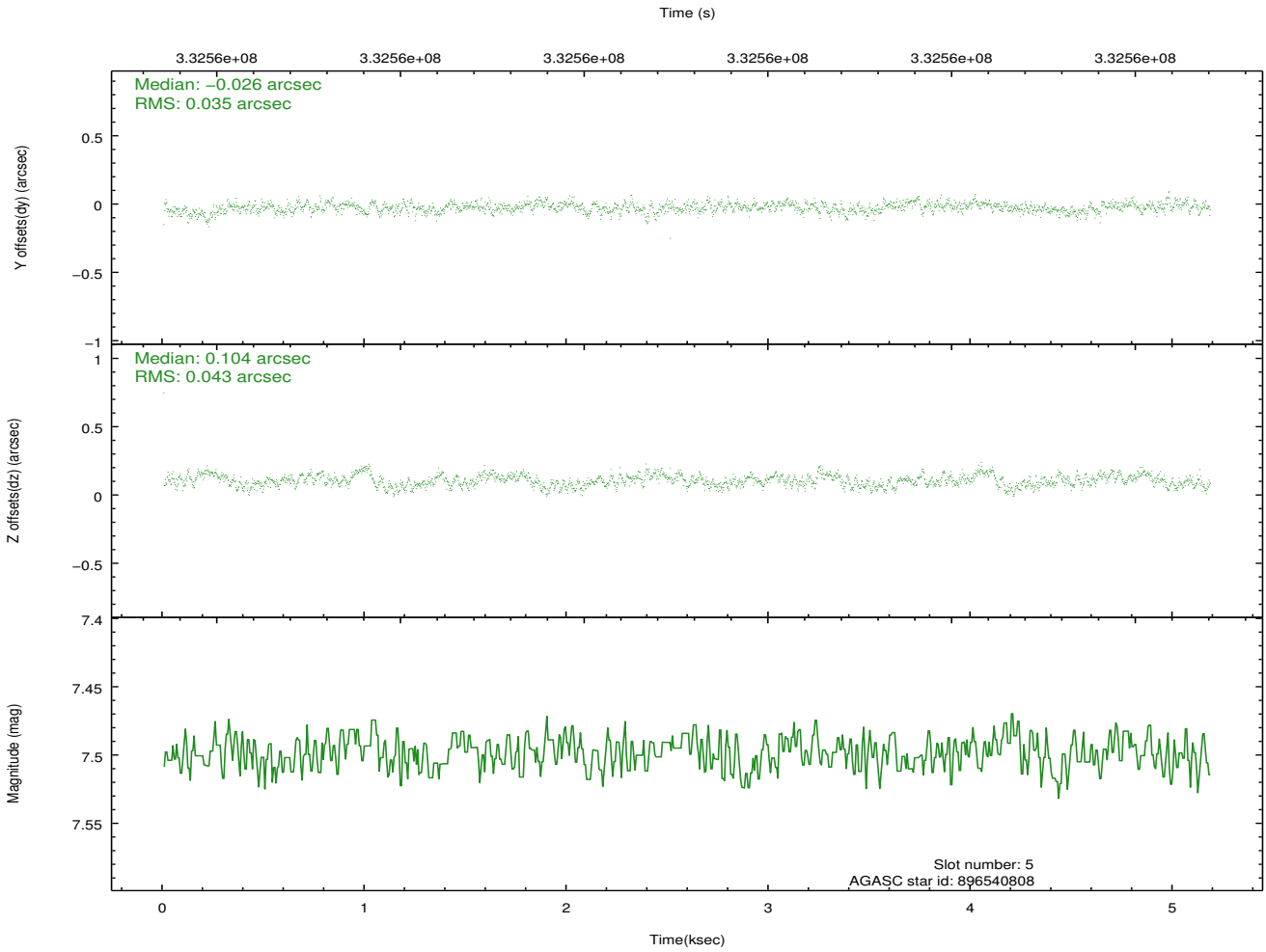
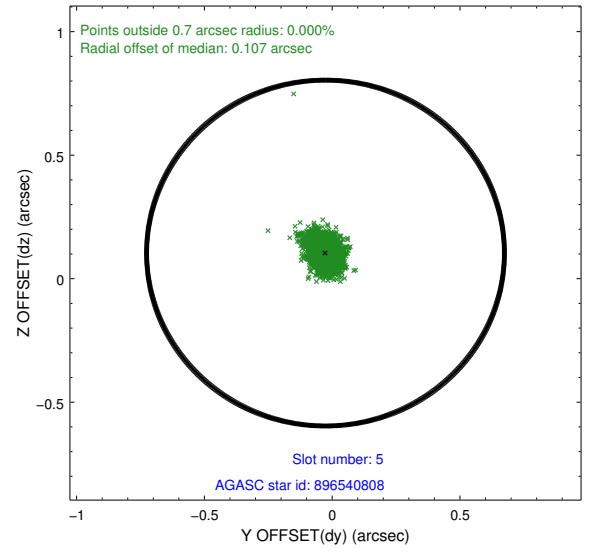
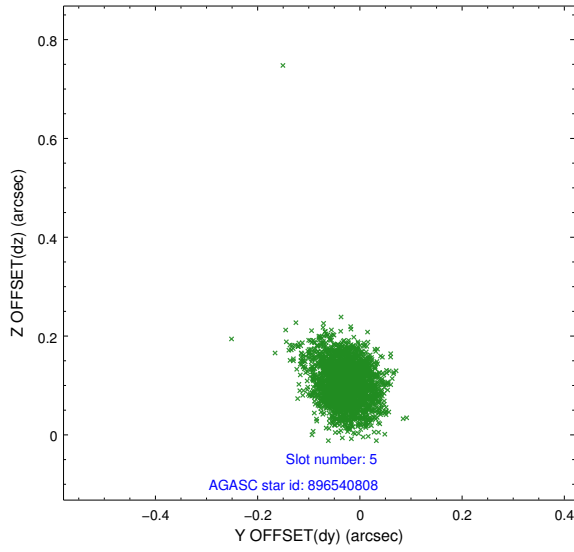
### 2.4.1 Slot 3



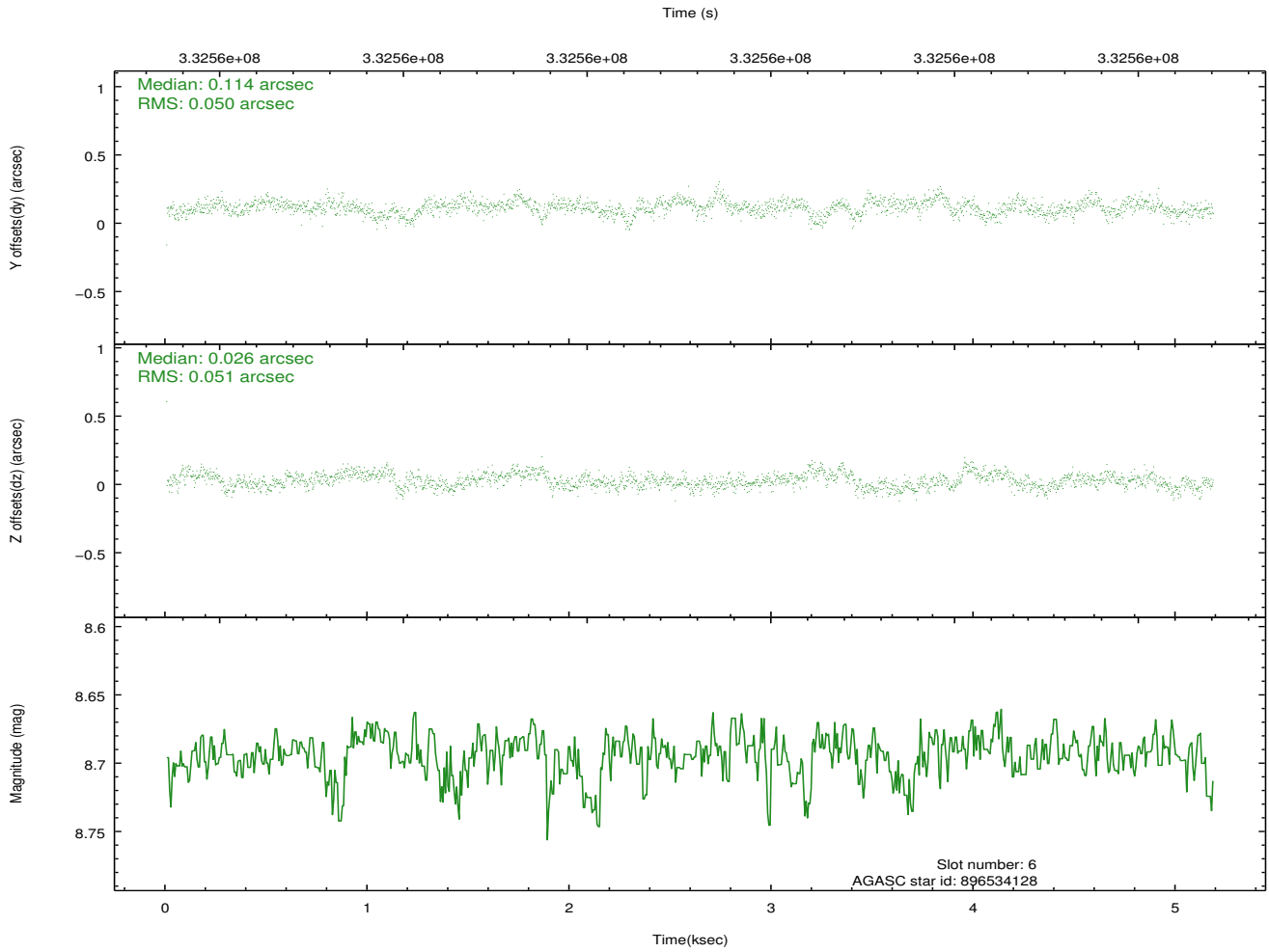
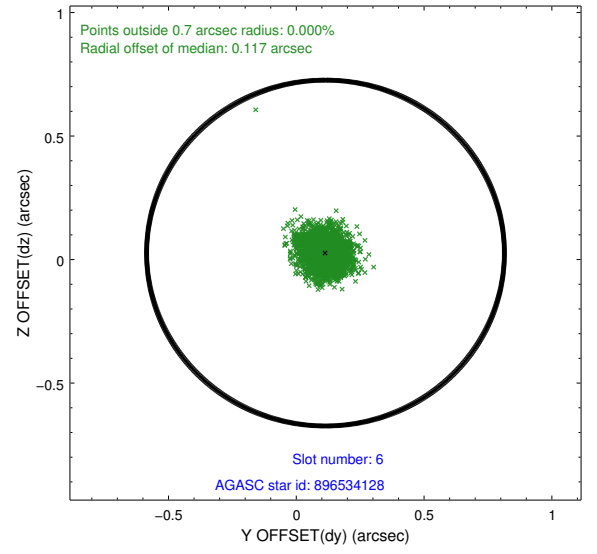
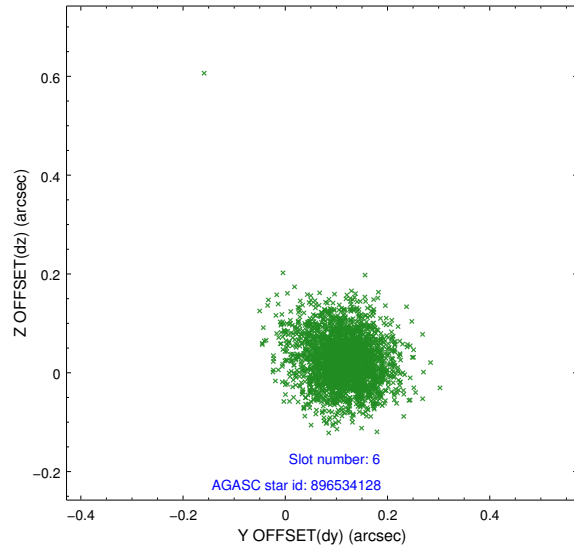
## 2.4.2 Slot 4



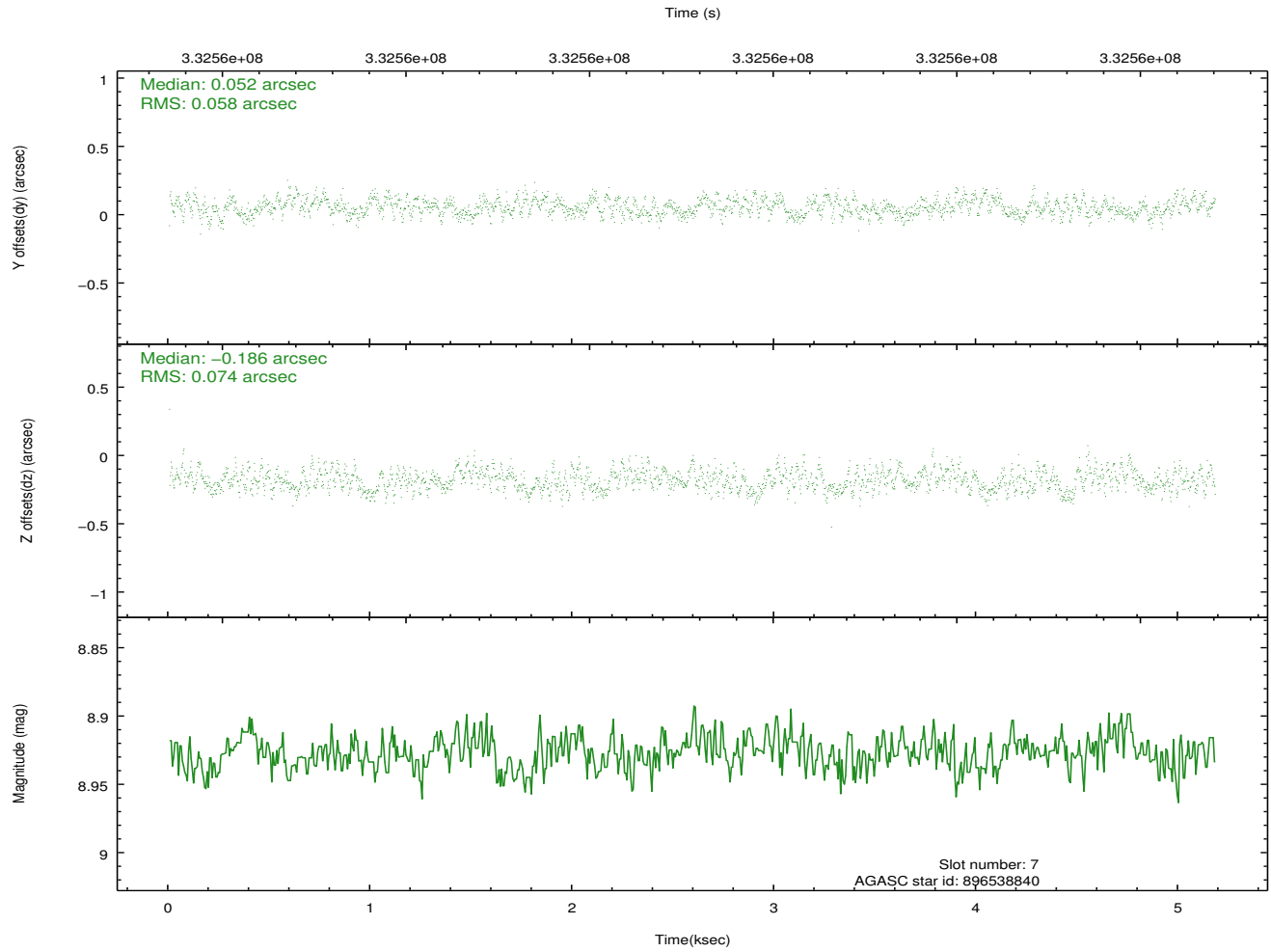
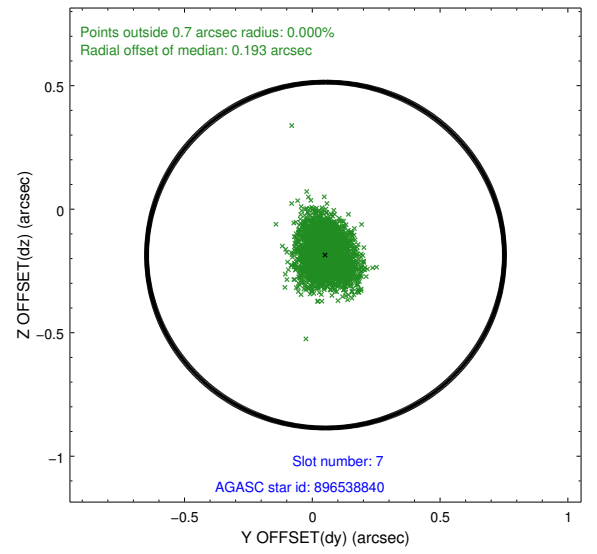
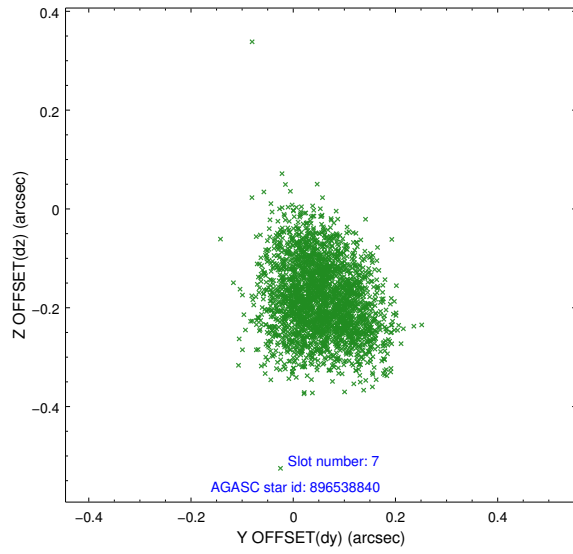
### 2.4.3 Slot 5



## 2.4.4 Slot 6

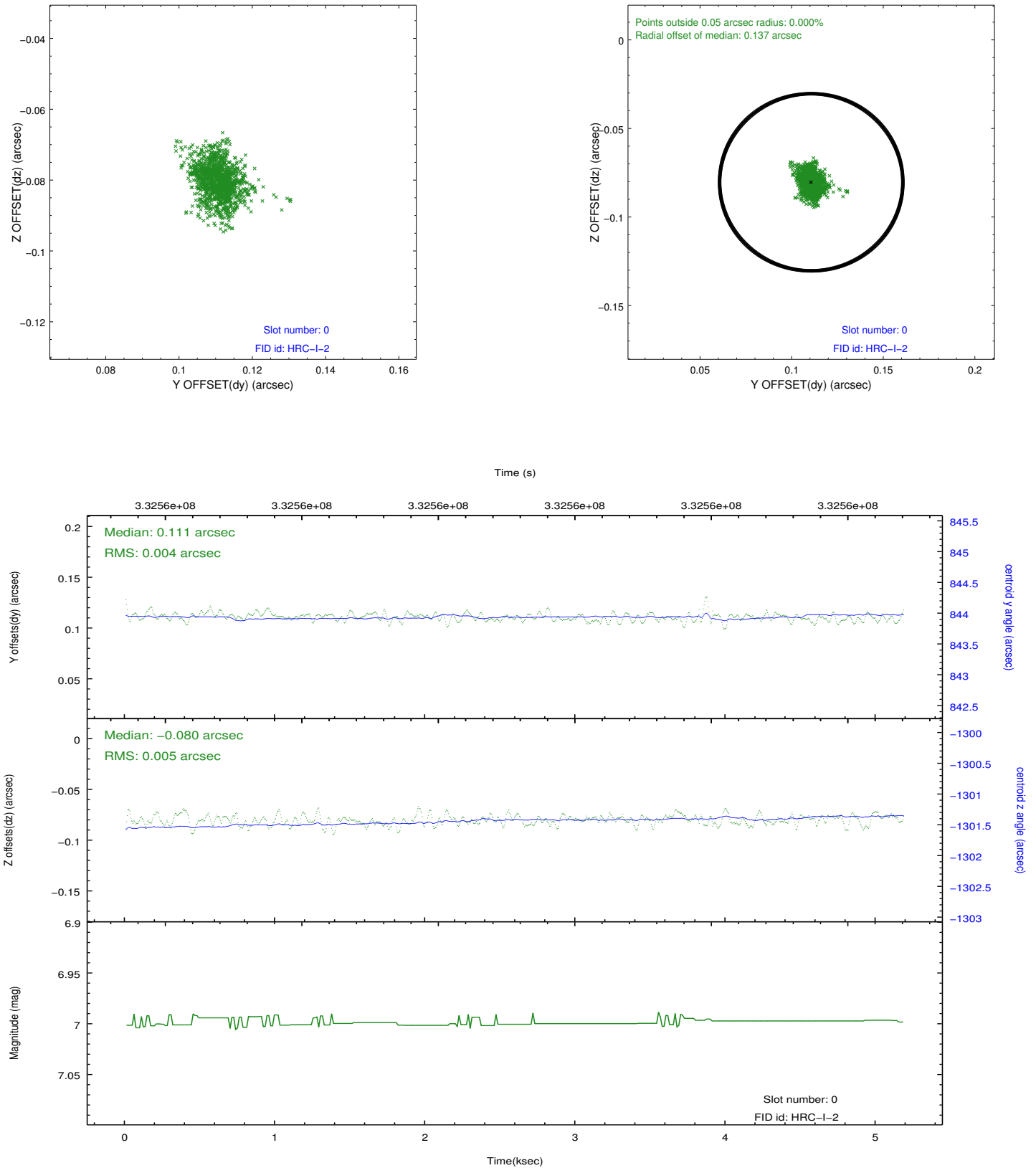


## 2.4.5 Slot 7

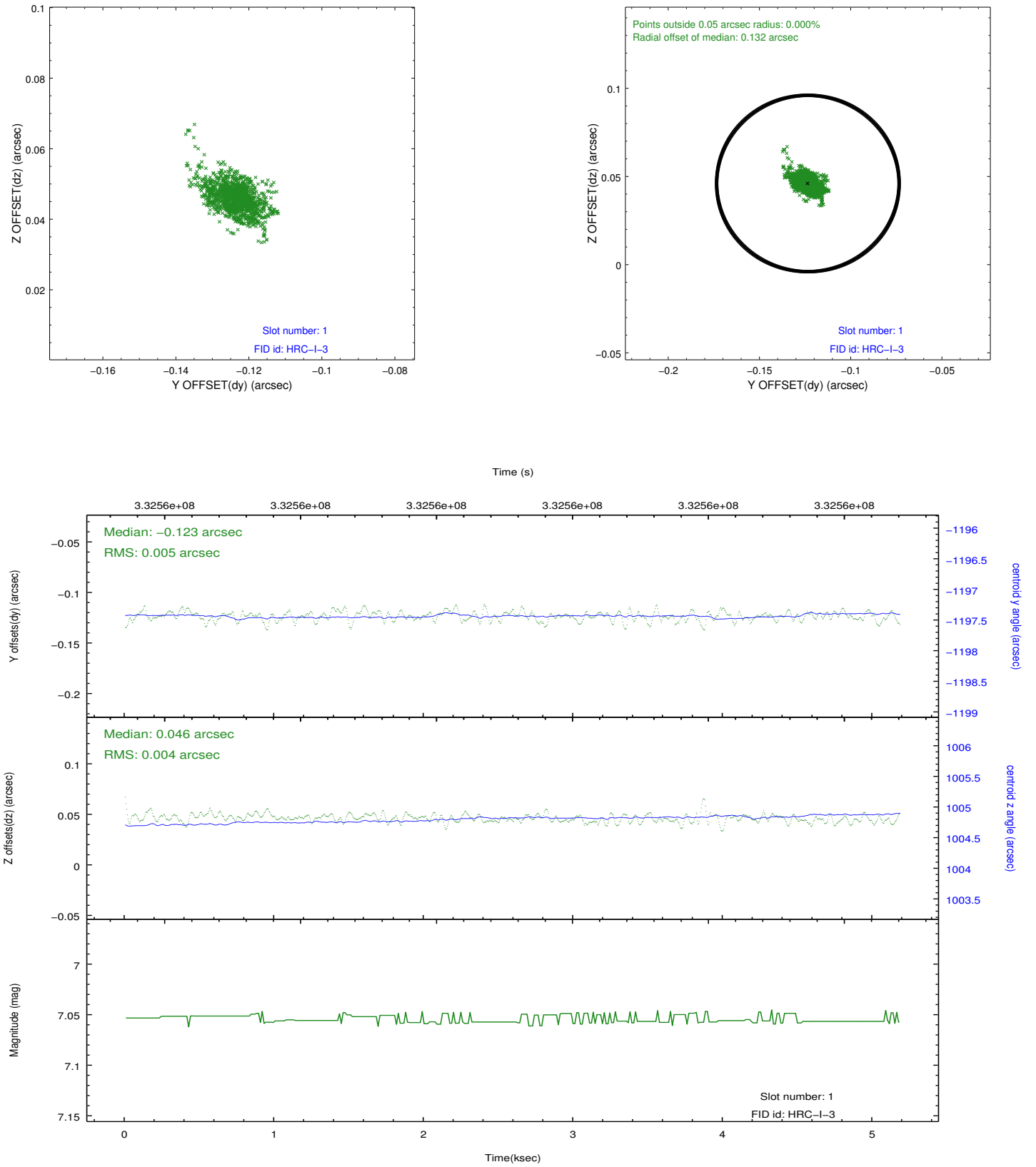


## 2.5 FID Slots

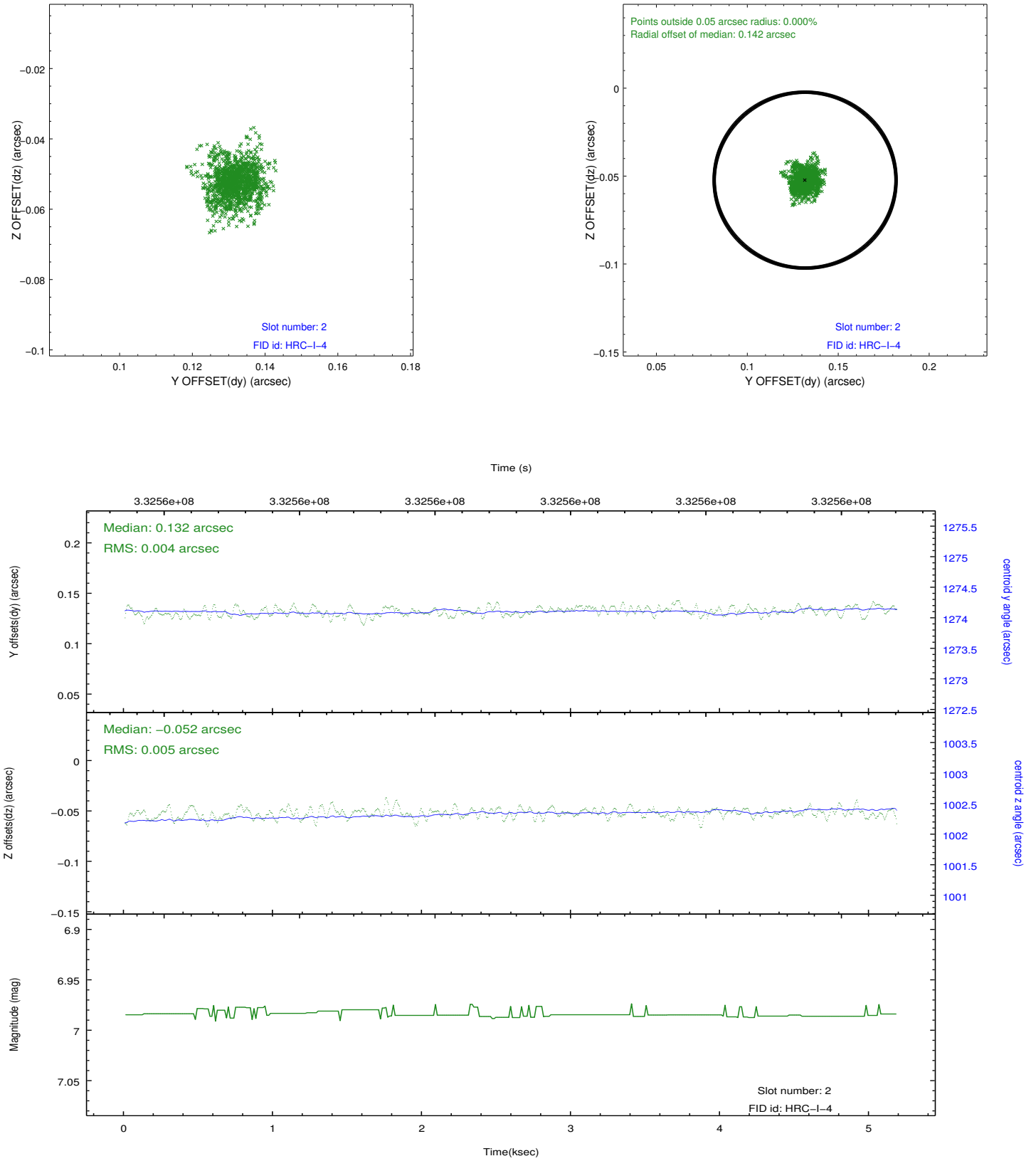
### 2.5.1 Slot 0



## 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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1795815

### A.2 Comments

Joint proposal with XMM.