

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 9034 - L2 Version 3  
Chandra X-Ray Center

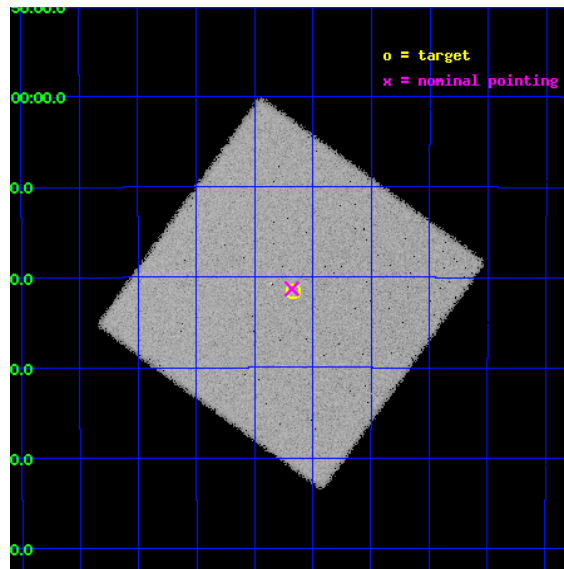
L2 Processing Date : Aug 12 2012

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# 1 Front

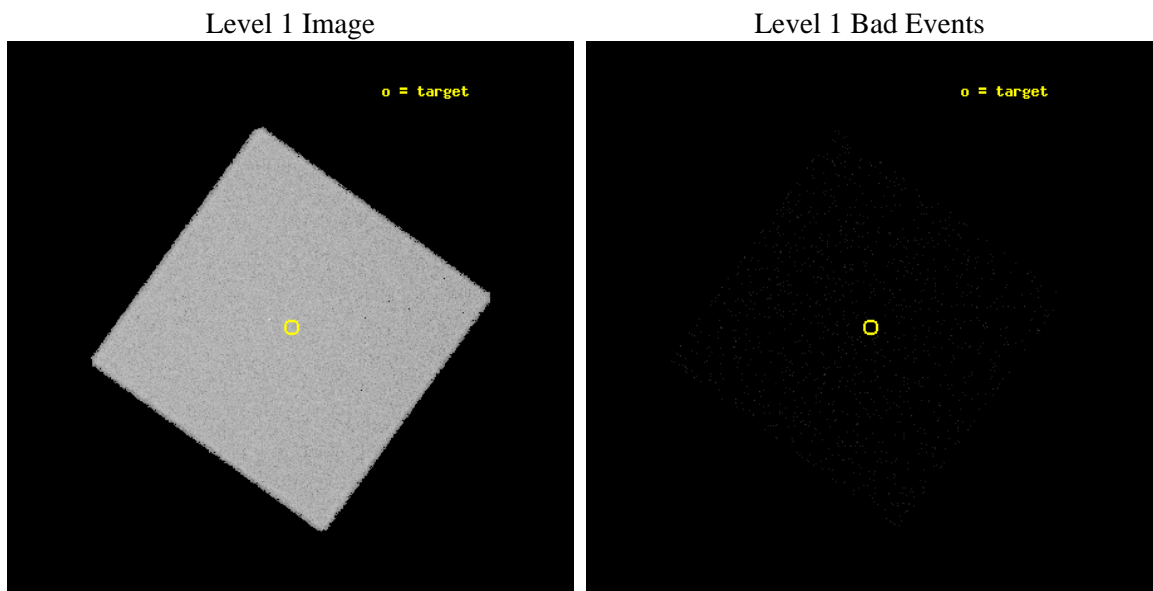
seq_num	400885	Sequence number
obs_id	9034	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-7	Source name
ra_targ	266.1675	Observer's specified target RA [deg]
dec_targ	-29.3585	Observer's specified target Dec [deg]
ra_nom	266.16980173023	Nominal RA [deg]
dec_nom	-29.354802613352	Nominal Dec [deg]
roll_nom	80.905645799155	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5181.3752523661	[s]
livetime	5127.9167217766	Ontime multiplied by DTCOR
l2events	318634	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5181.3752523661	[s]
caldsver	4.5.1.1	&#160	l1events	497553	Number of level 1 events
date	2012-08-12T12:34:08	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	497553
rejected events	29612
rejected %	5%

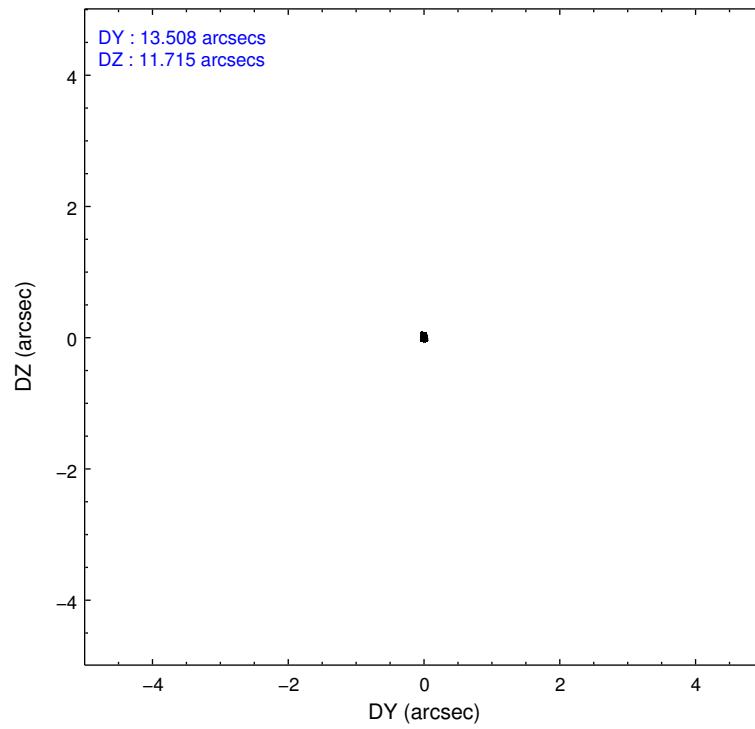
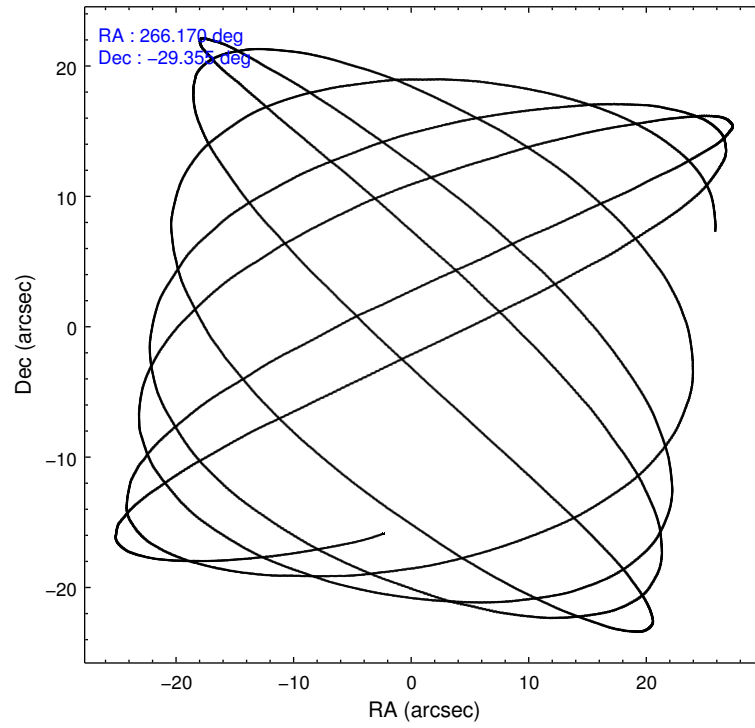


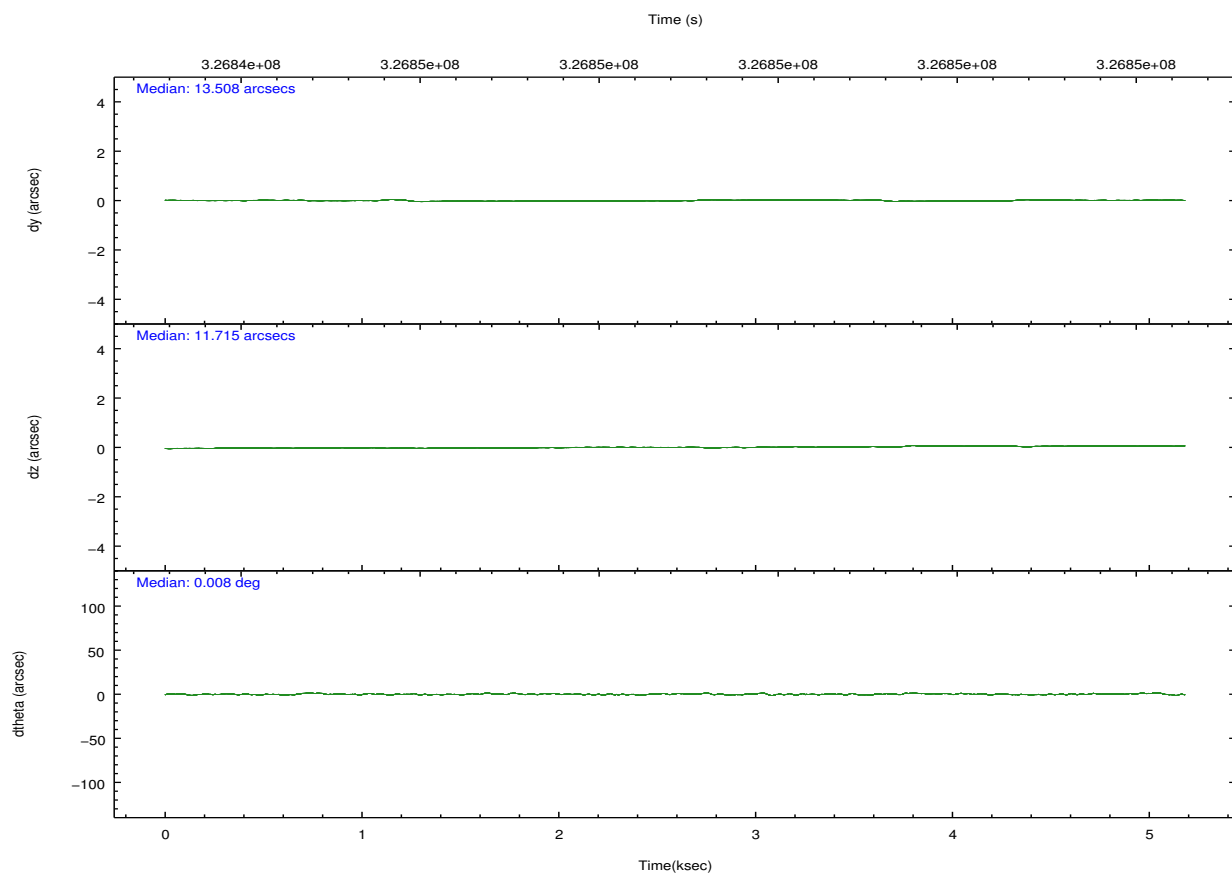
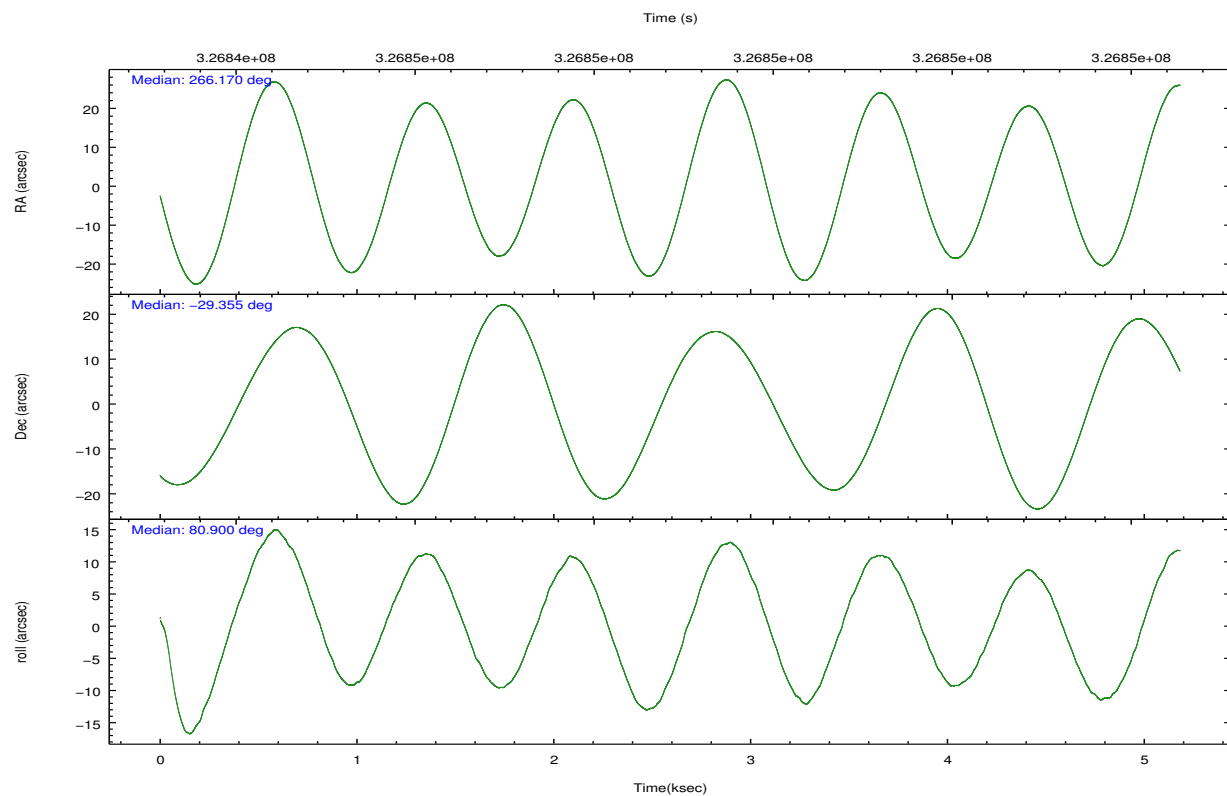
## 2.2 Compared Parameters

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	266.181790	266.169801730226
[deg] Pointing Dec	-29.380047	-29.35480261335189
[deg] Pointing Roll	81.007011	80.90564579915457
[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)	326845014.184000	326844637.62756
Observation start date	2008-05-10T22:15:49	2008-05-10T22:10:37
[s] Observation end time (MET)	326850014.184000	326850148.02783
Observation end date	2008-05-10T23:39:09	2008-05-10T23:42:28

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

## 2.3 Aspect



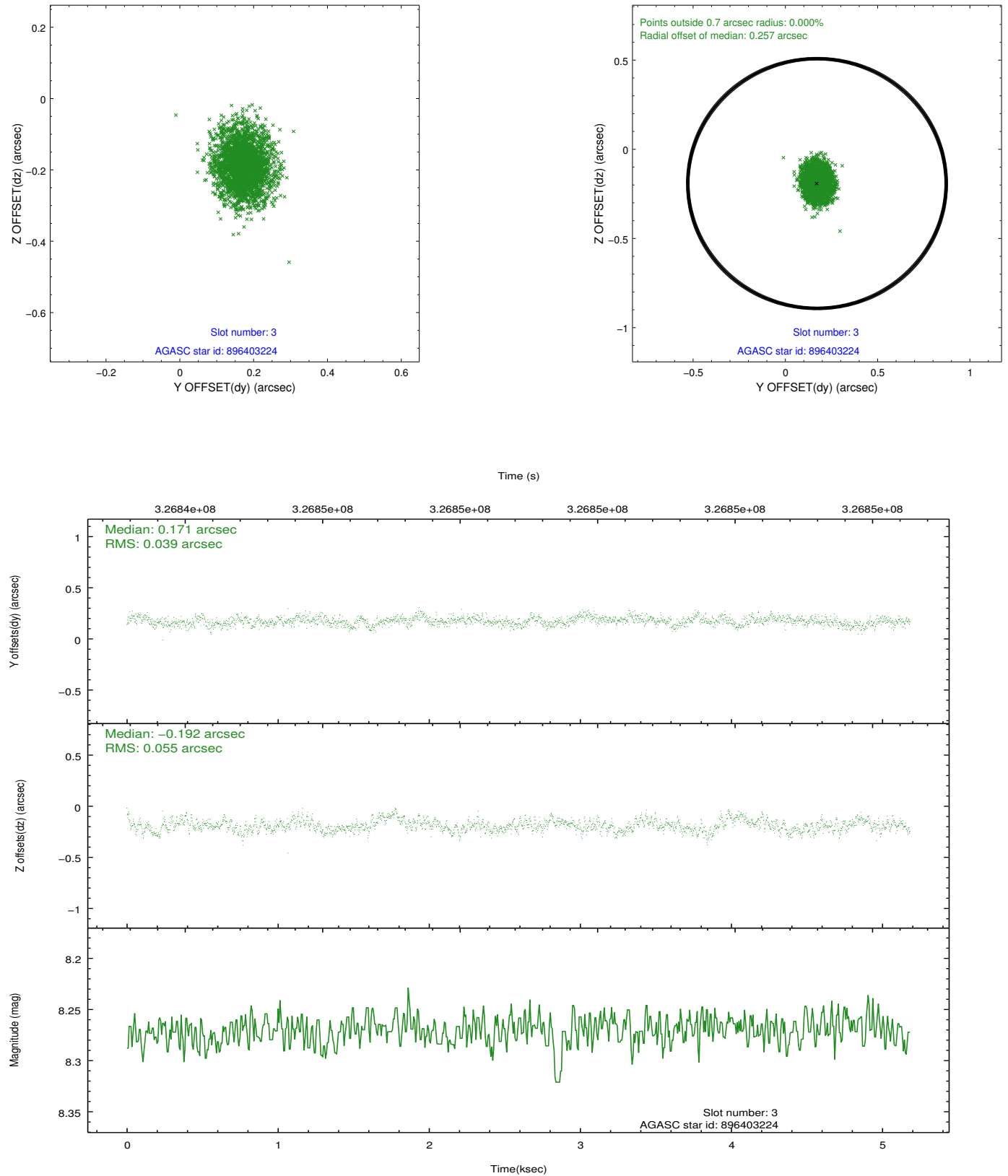


### Slot Statistics

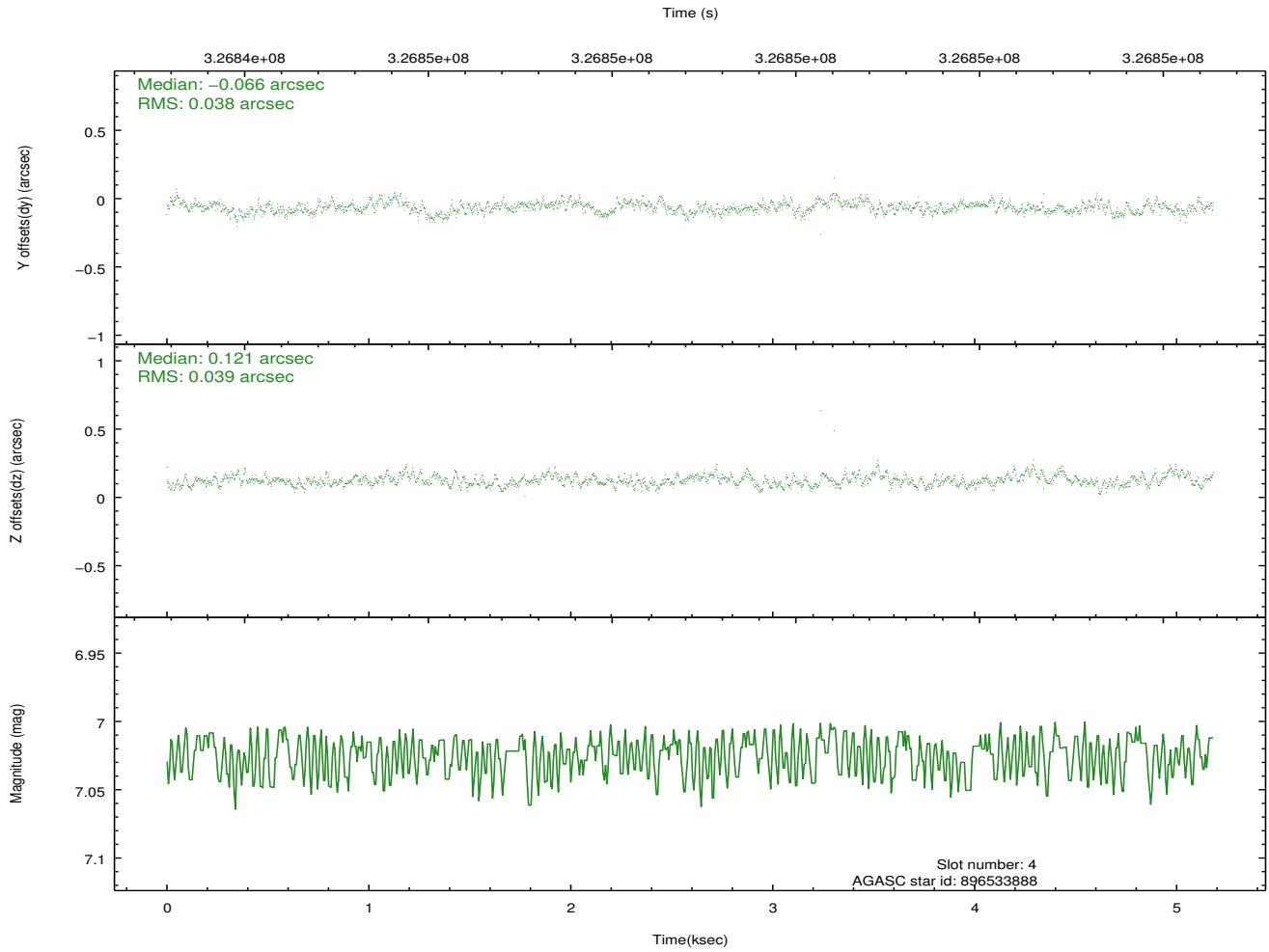
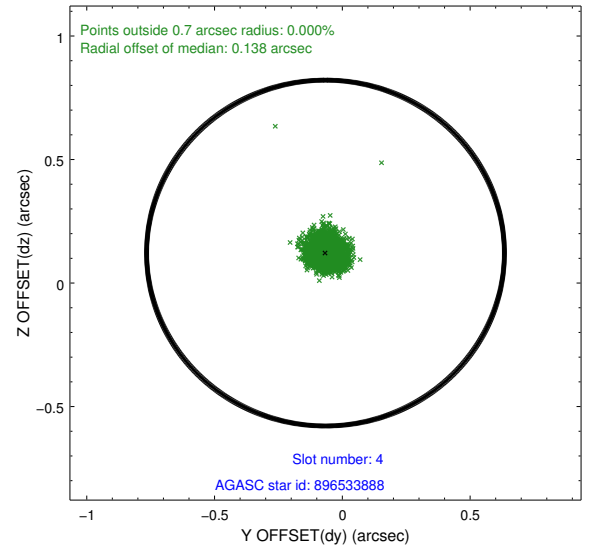
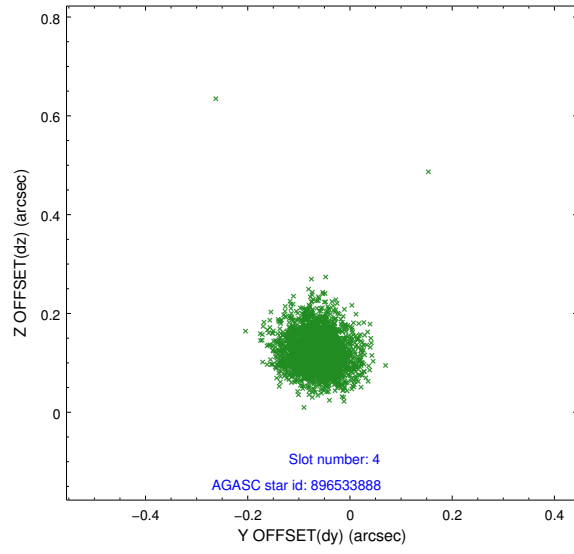
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1264	-0.062	0.015	0.009	0.014	0.000000	0.000000	-769.32	-1299.70
1	FID	HRC-I-2	7.00	1264	0.219	-0.127	0.007	0.012	0.000000	0.000000	842.99	-1302.42
2	FID	HRC-I-3	7.06	1265	-0.038	0.023	0.007	0.013	0.000000	0.000000	-1197.14	1003.84
3	GUIDE	896403224	8.27	2528	0.171	-0.192	0.071	0.118	265.612825	-29.438915	-492.58	1727.14
4	GUIDE	896533888	7.02	2529	-0.066	0.121	0.056	0.091	266.666434	-29.392757	189.24	-1508.85
5	GUIDE	896541168	8.15	2526	0.144	0.161	0.069	0.110	266.319970	-29.850801	-1606.51	-692.19
6	GUIDE	896403520	9.04	2517	-0.281	-0.215	0.085	0.141	265.626481	-28.748780	1965.57	2084.95
7	GUIDE	896532952	9.02	2521	0.027	0.122	0.087	0.141	266.383644	-28.787617	2206.33	-295.26

## 2.4 Star Slots

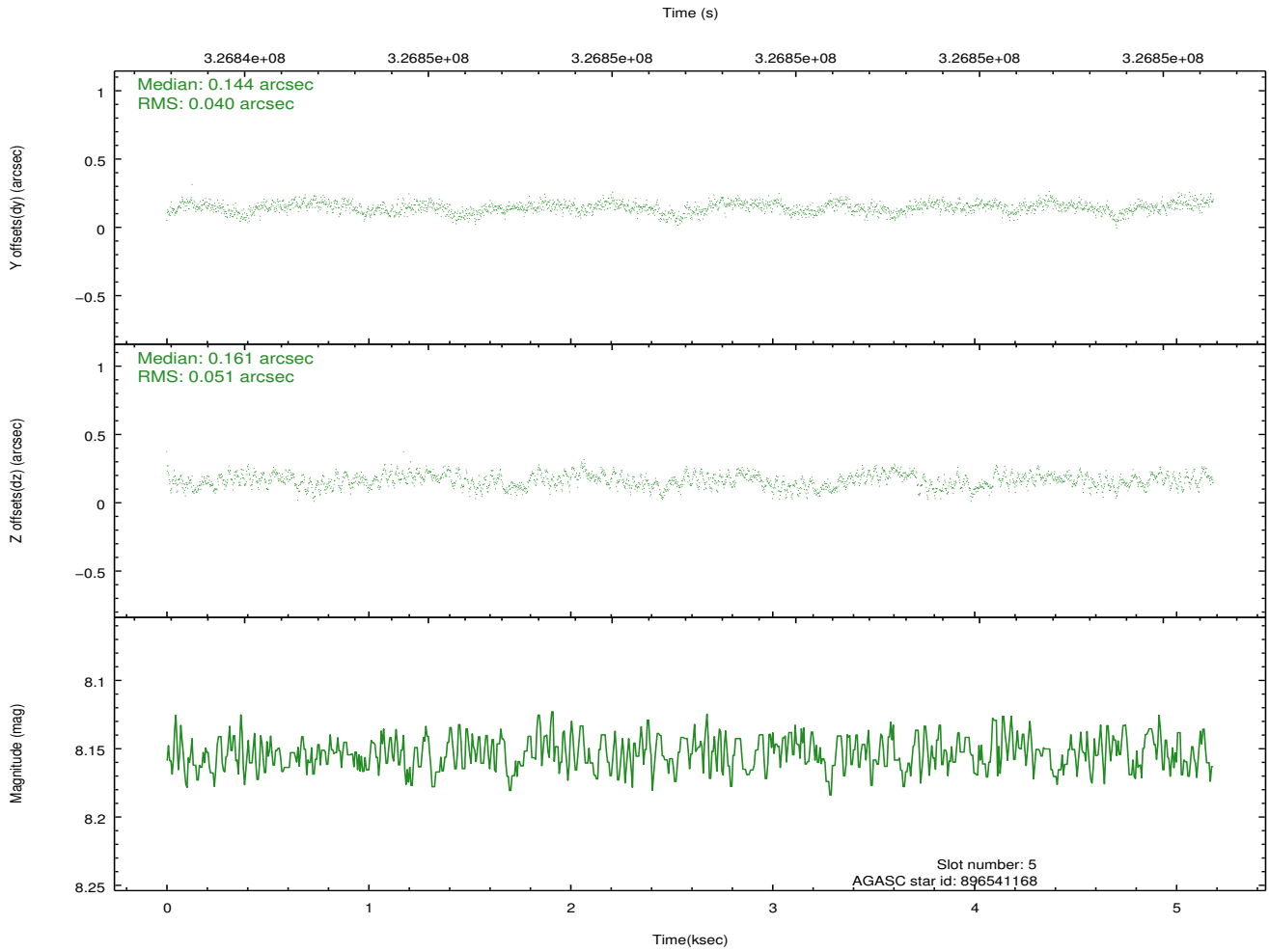
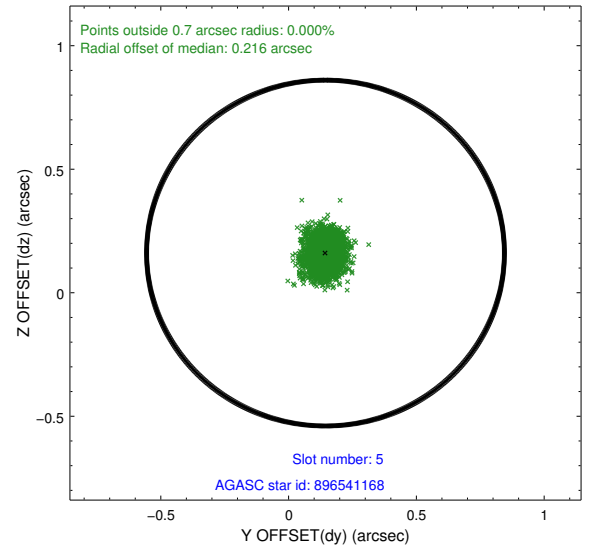
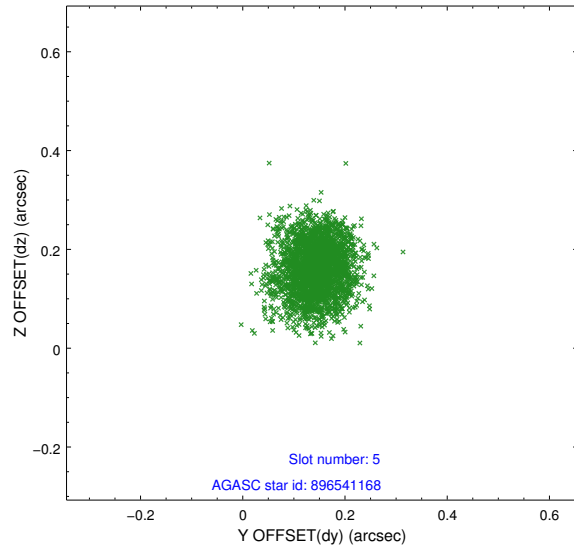
### 2.4.1 Slot 3



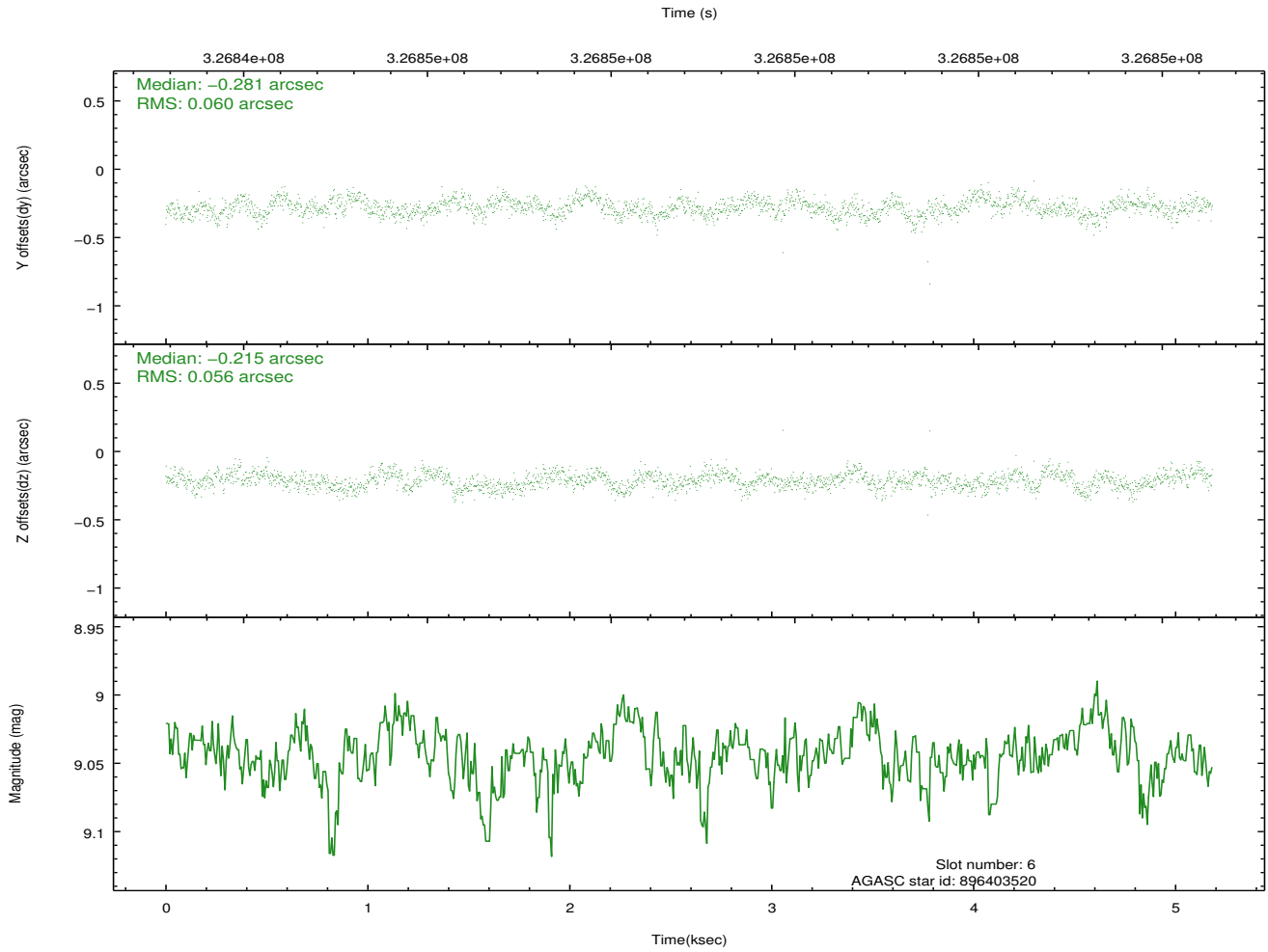
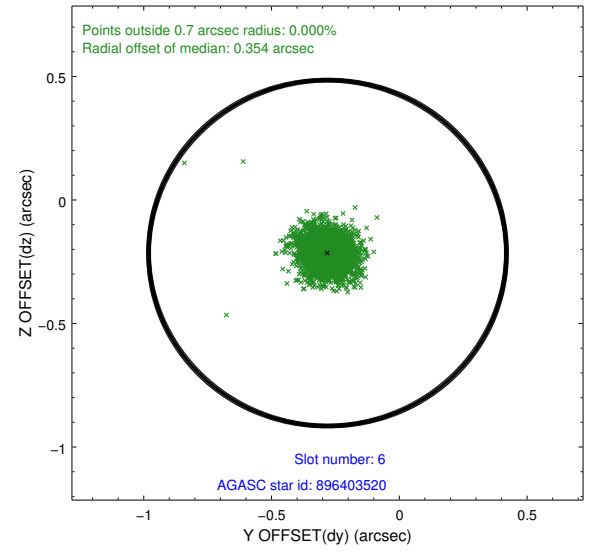
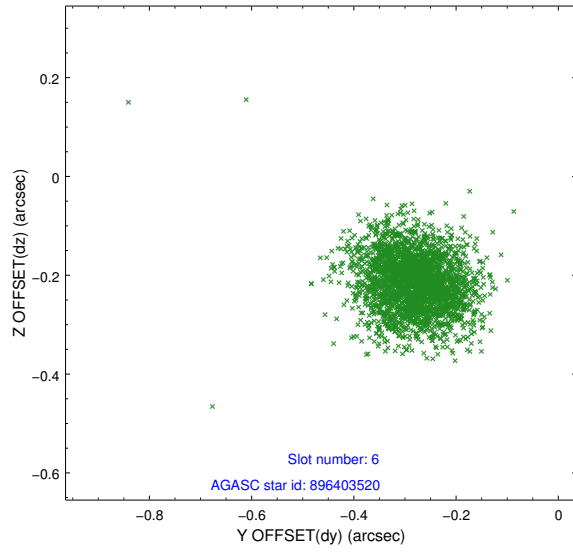
## 2.4.2 Slot 4



### 2.4.3 Slot 5

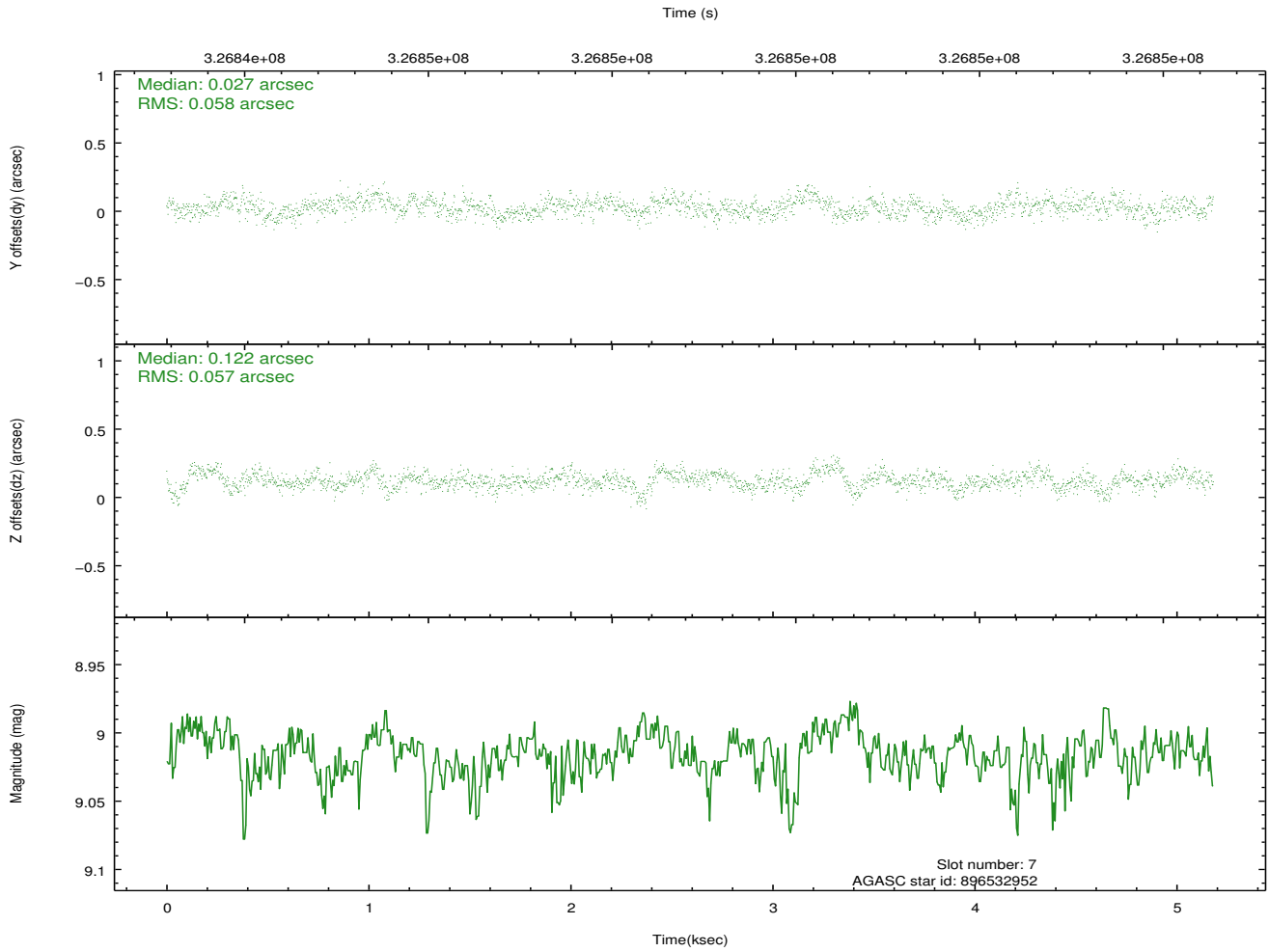
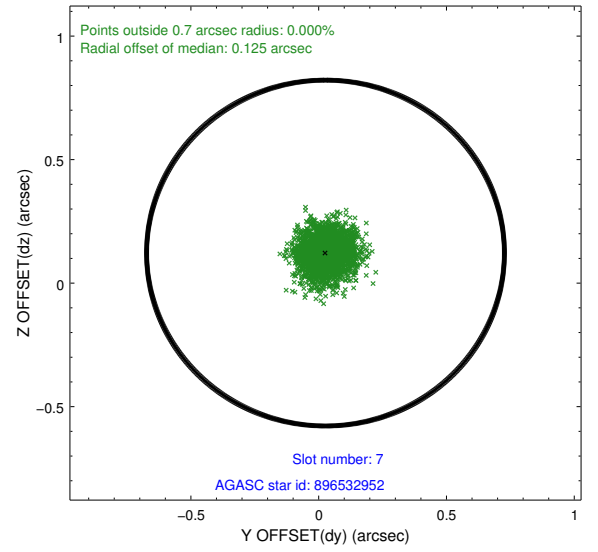
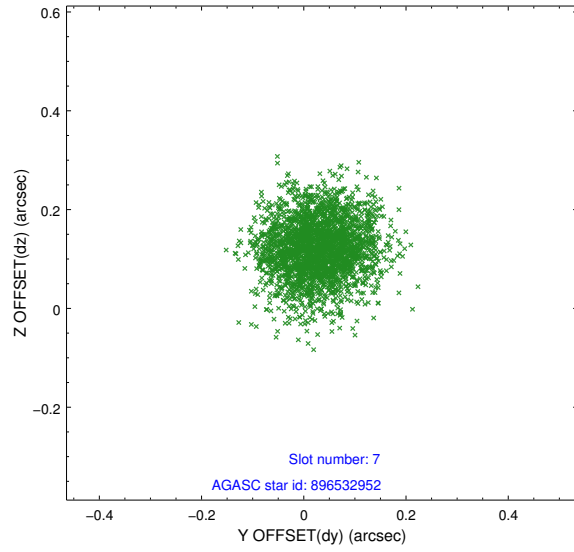


## 2.4.4 Slot 6



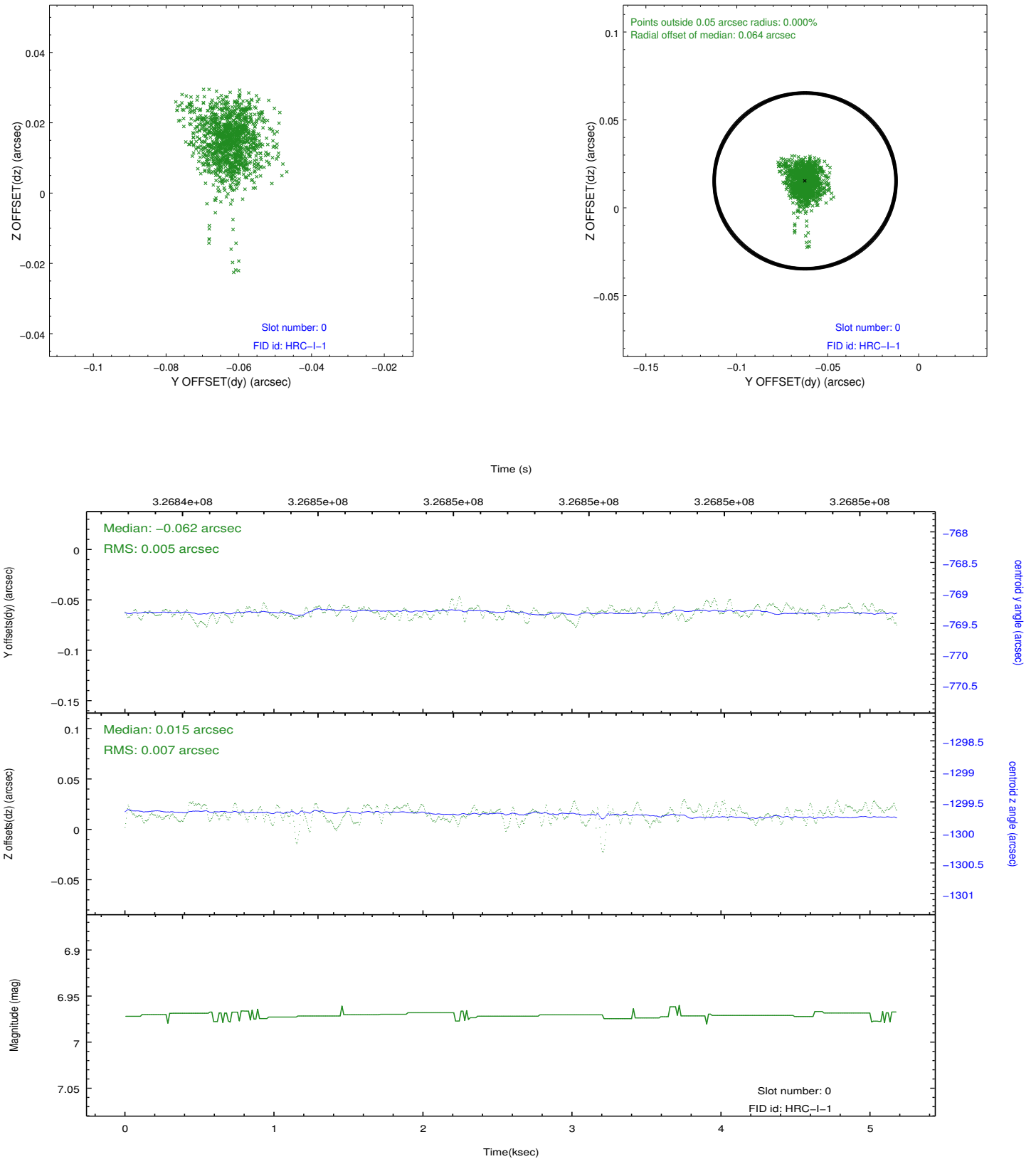


## 2.4.5 Slot 7

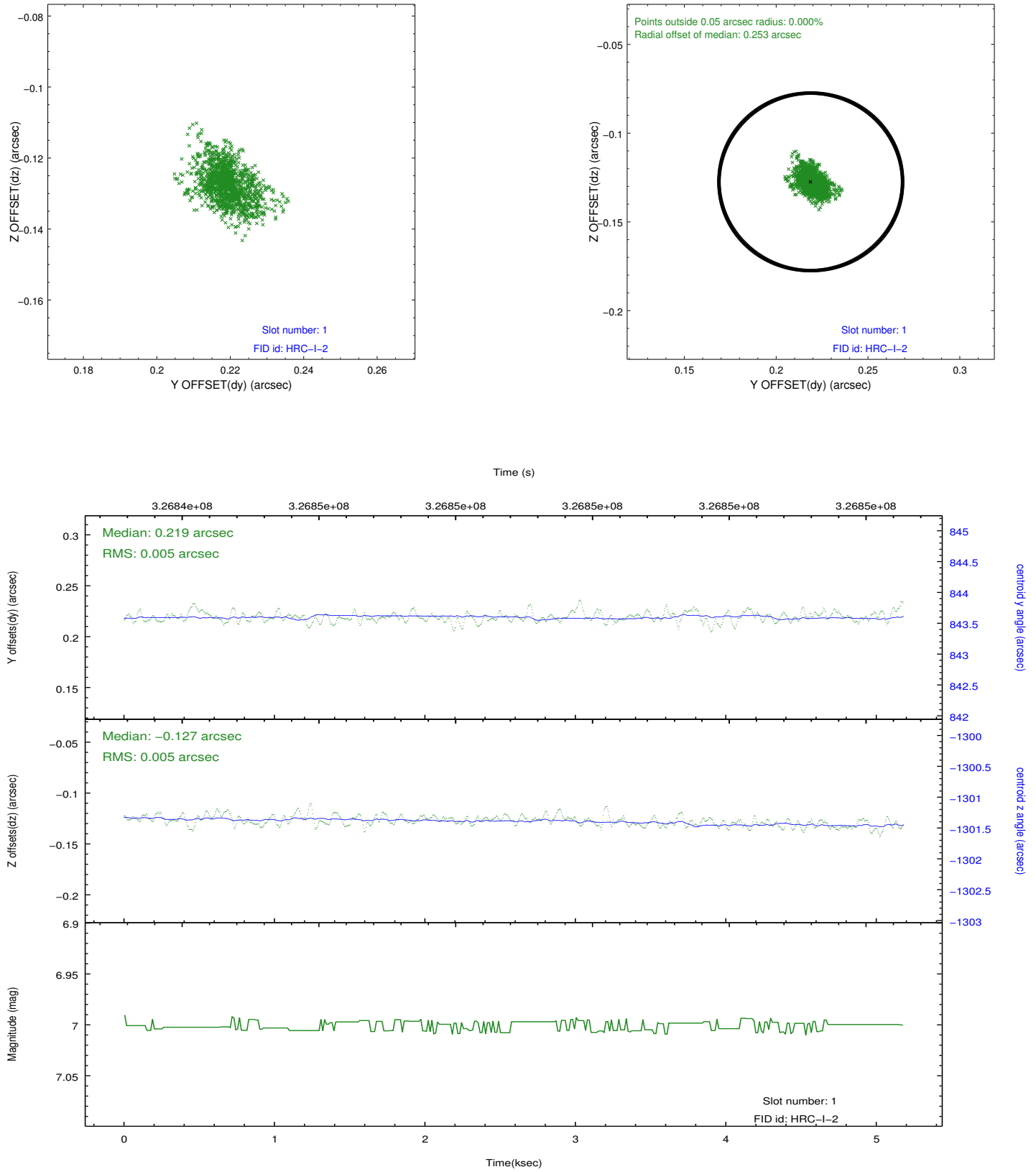


## 2.5 FID Slots

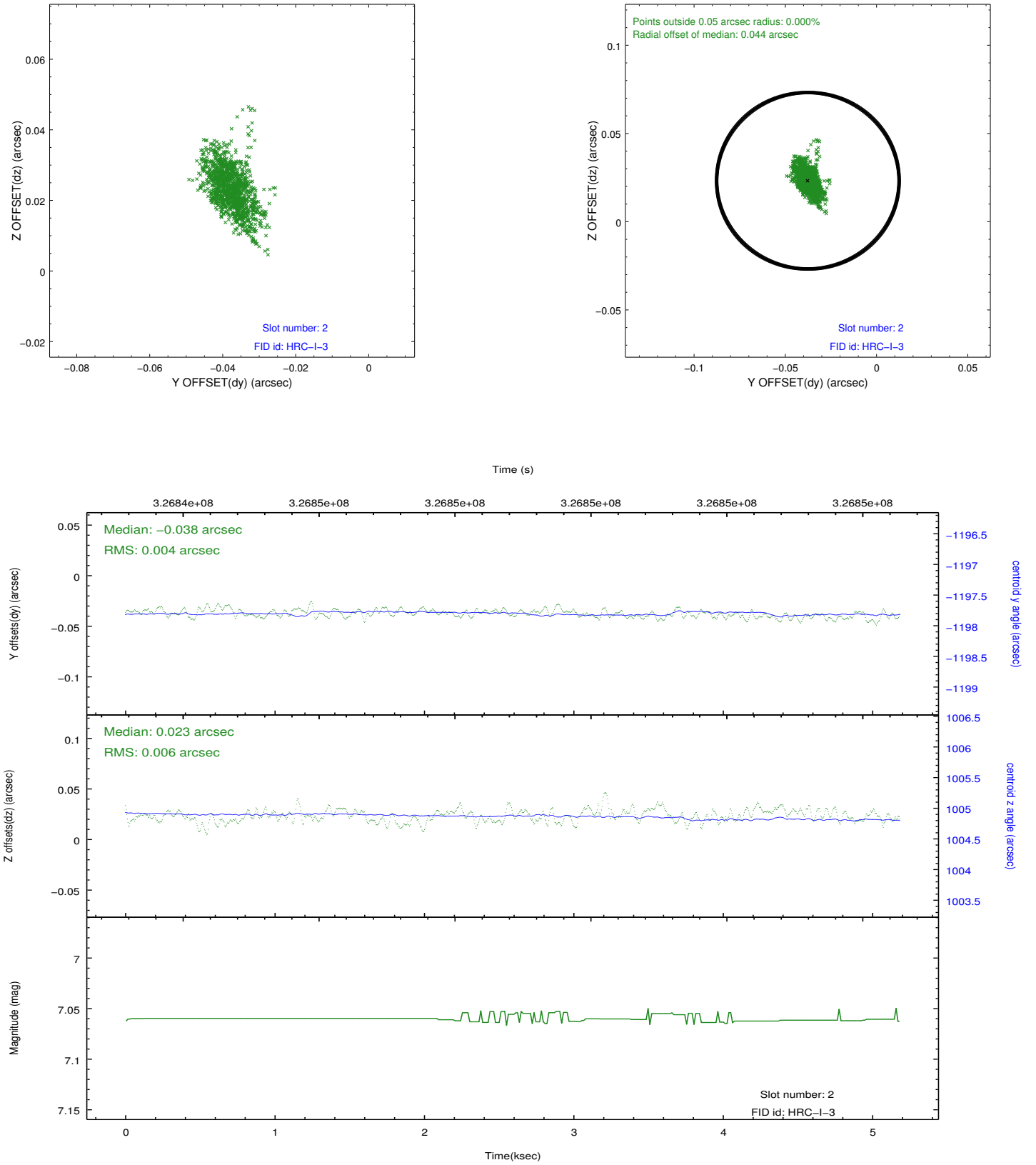
### 2.5.1 Slot 0



## 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	5.18137525

### A.2 Comments

Joint proposal with XMM.