

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 8534 - L2 Version 4  
Chandra X-Ray Center

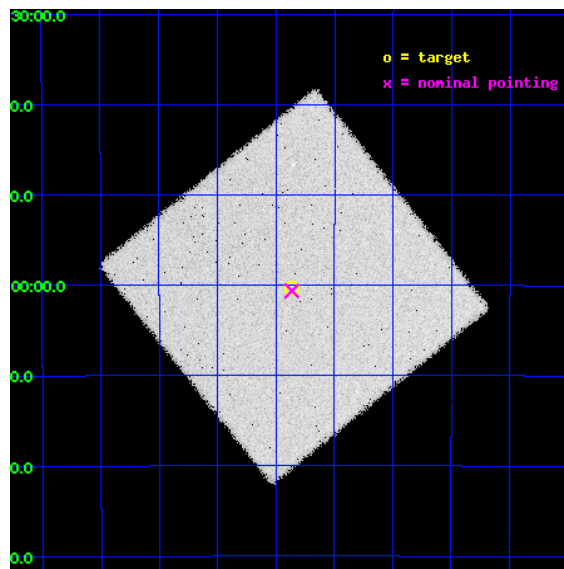
L2 Processing Date : Aug 11 2012

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# 1 Front

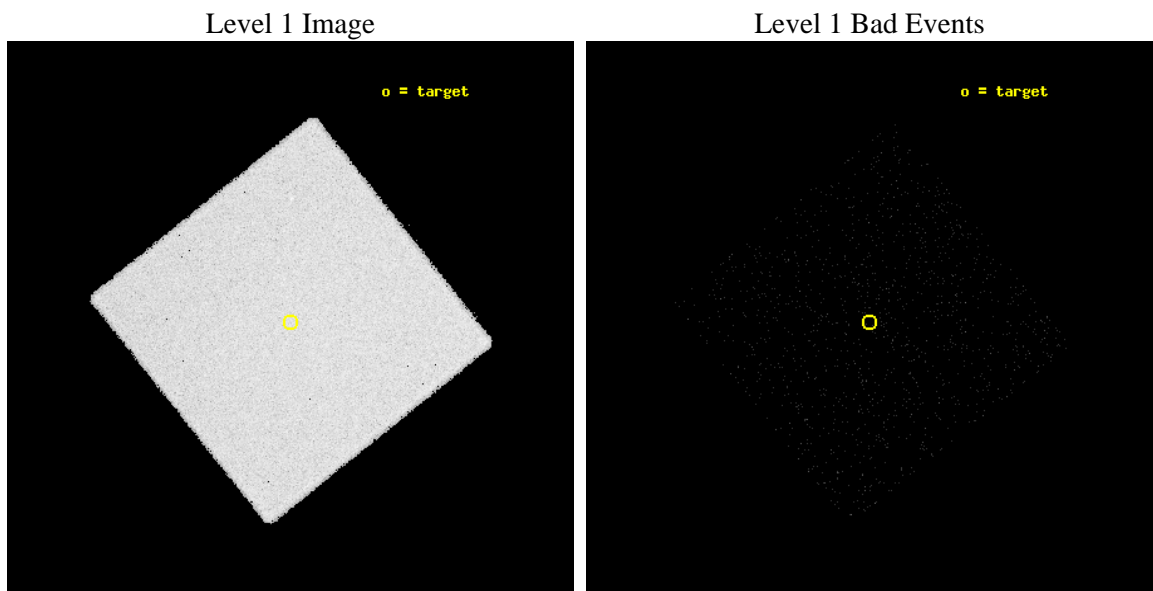
seq_num	400685	Sequence number
obs_id	8534	Observation id
title	Monitoring Observations of the Galactic Center Region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-5	Source name
ra_targ	265.967083	Observer's specified target RA [deg]
dec_targ	-29.0065	Observer's specified target Dec [deg]
ra_nom	265.96604450602	Nominal RA [deg]
dec_nom	-29.010499332025	Nominal Dec [deg]
roll_nom	276.35416334996	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5185.7314986587	[s]
livetime	5133.8586273021	Ontime multiplied by DTCOR
l2events	295641	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	5185.7314986587	[s]
caldbver	4.5.1.1	&#160	l1events	465805	Number of level 1 events
date	2012-08-11T23:36:44	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	465805
rejected events	27497
rejected %	5%

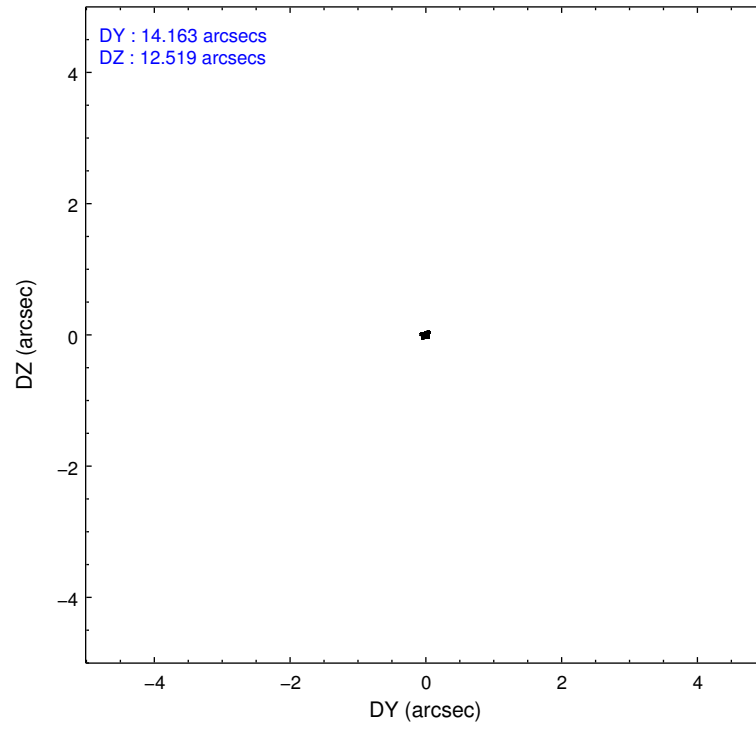
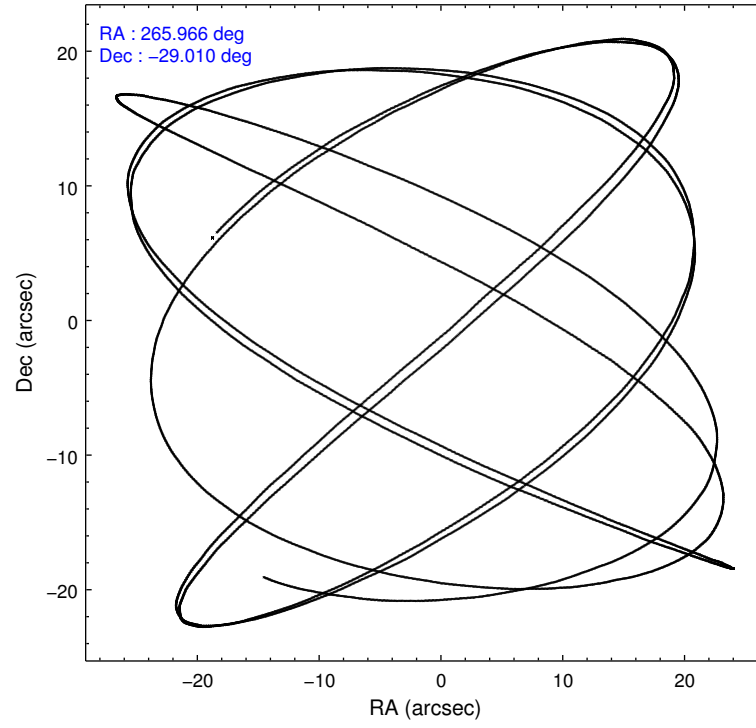


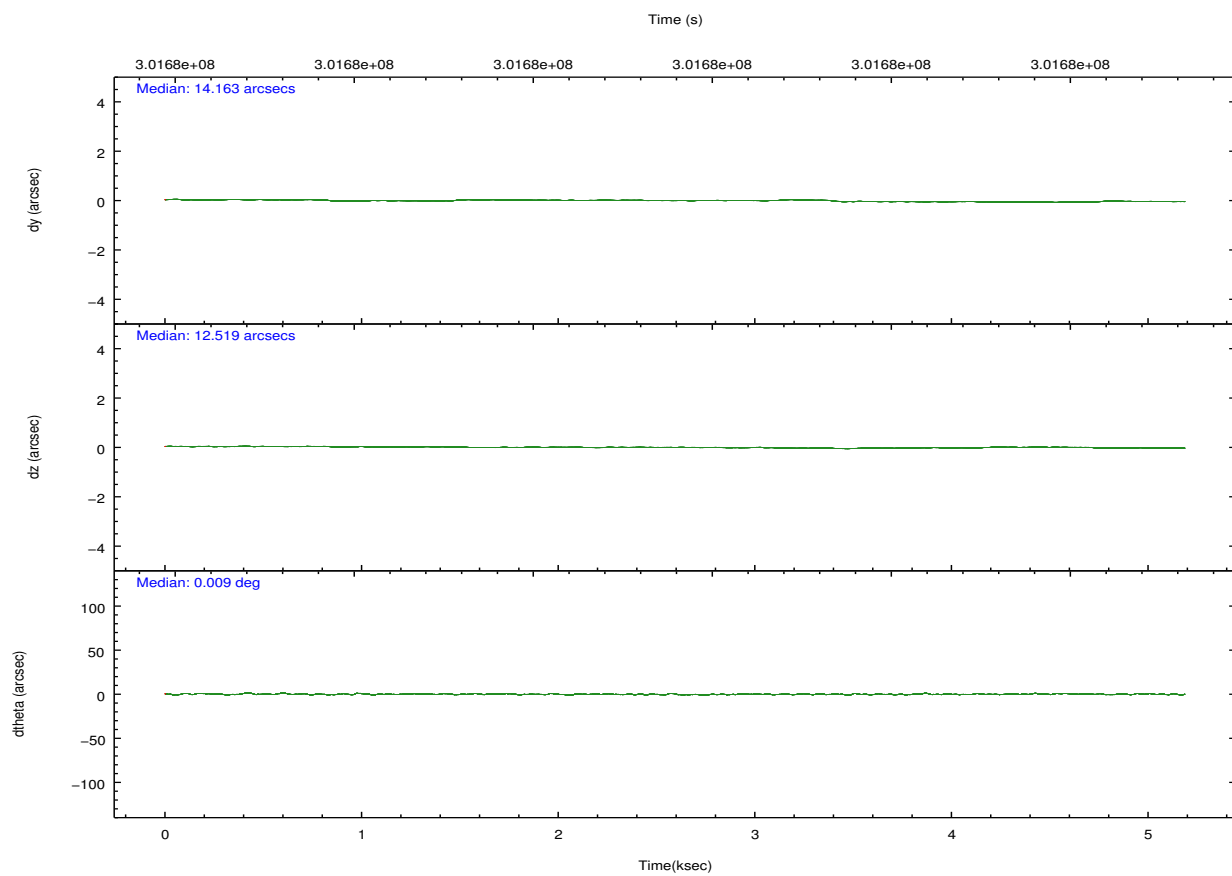
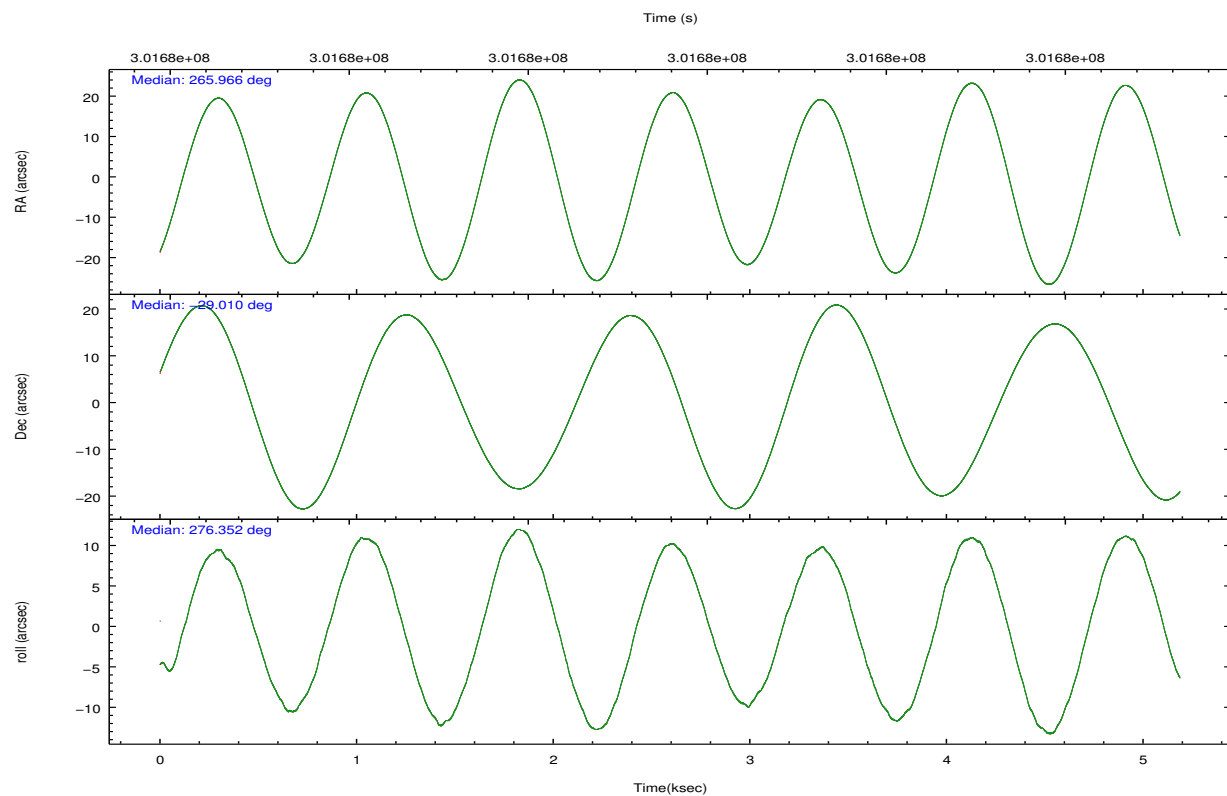
## 2.2 Compared Parameters

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	265.946806	265.9660445060235
[deg] Pointing Dec	-28.989048	-29.01049933202459
[deg] Pointing Roll	276.440321	276.3541633499564
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	301675388.184000	301675012.13503
Observation start date	2007-07-24T14:42:03	2007-07-24T14:36:52
[s] Observation end time (MET)	301680388.184000	301680522.53529
Observation end date	2007-07-24T16:05:23	2007-07-24T16:08:42

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

## 2.3 Aspect



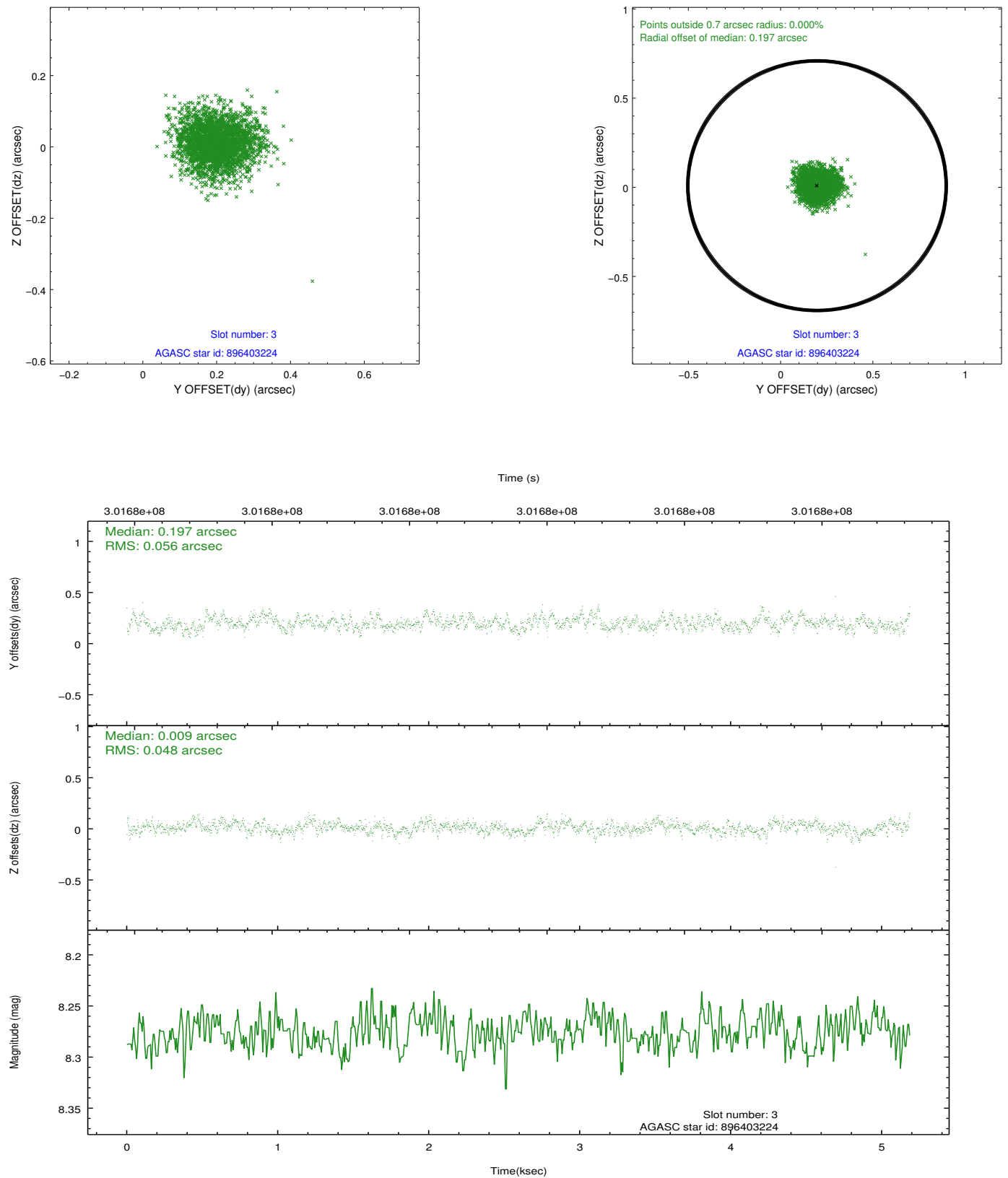


### Slot Statistics

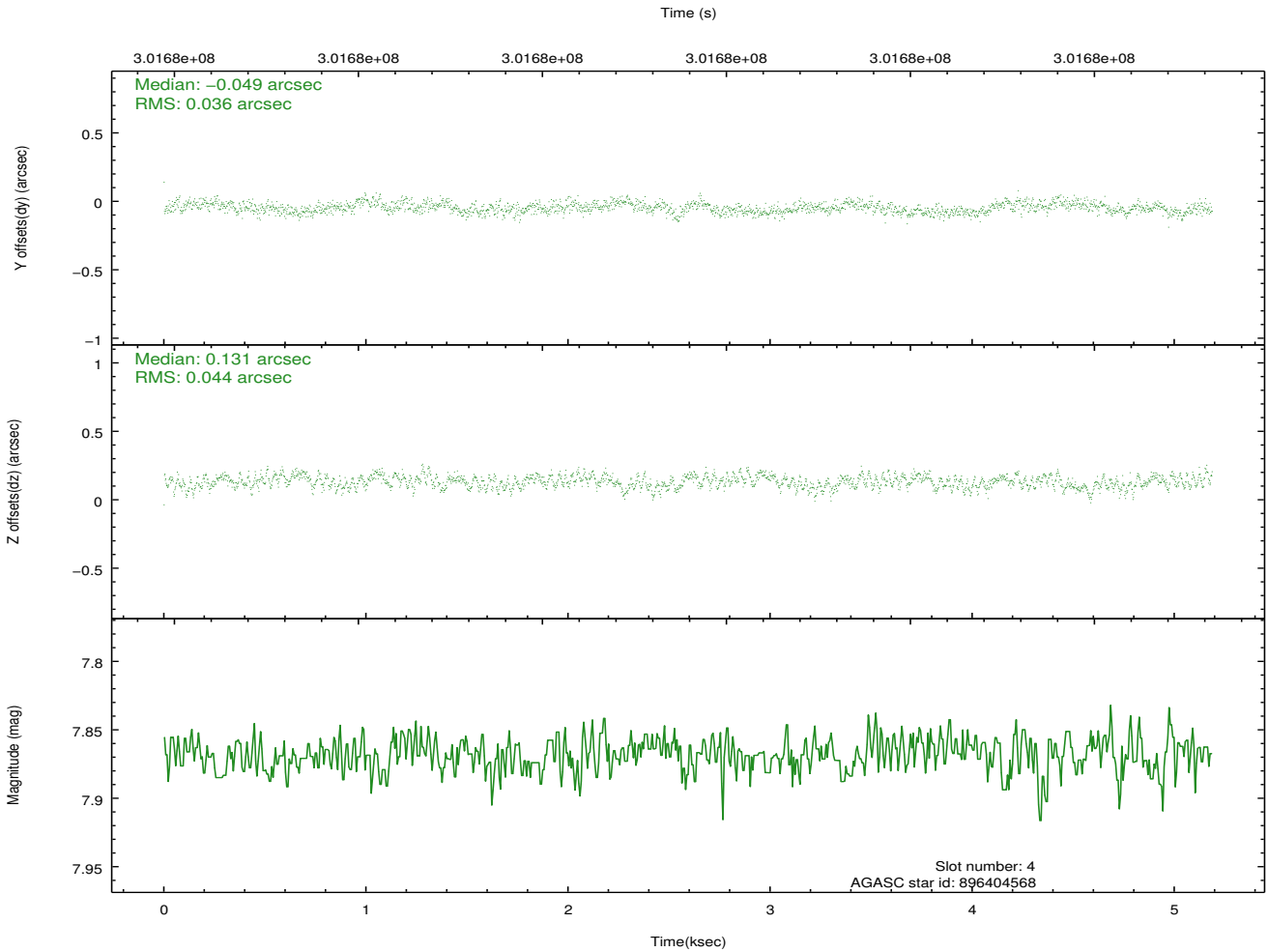
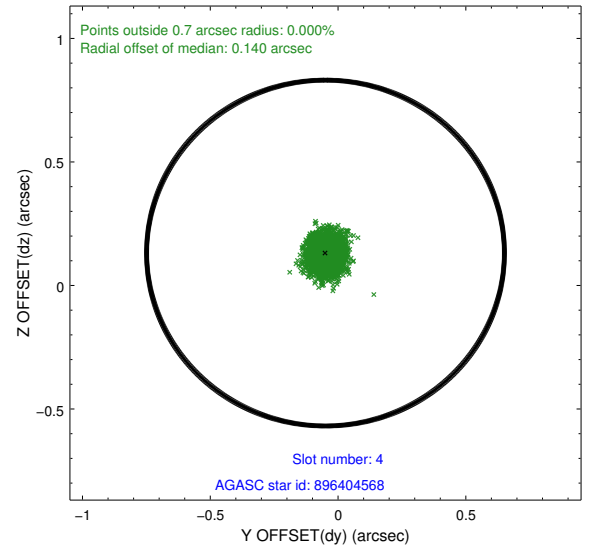
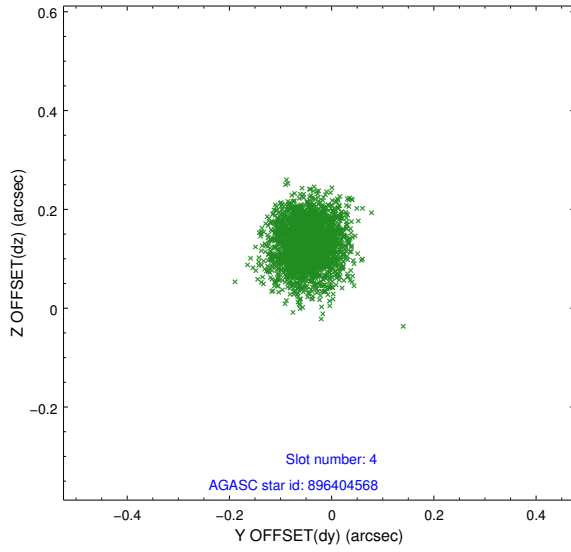
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	1266	-0.057	0.022	0.007	0.011	0.000000	0.000000	-770.00	-1300.56
1	FID	HRC-I-2	7.01	1265	0.236	-0.154	0.006	0.011	0.000000	0.000000	842.32	-1303.34
2	FID	HRC-I-3	7.07	1266	-0.060	0.042	0.007	0.013	0.000000	0.000000	-1197.81	1003.00
3	GUIDE	896403224	8.28	2529	0.197	0.009	0.078	0.127	265.612825	-29.438915	1494.08	-1222.87
4	GUIDE	896404568	7.87	2530	-0.049	0.131	0.061	0.099	265.687293	-28.431080	-2086.42	-592.29
5	GUIDE	896533888	7.02	2531	-0.042	-0.101	0.068	0.105	266.666434	-29.392757	1703.63	2078.27
6	GUIDE	896538696	6.79	2531	-0.163	-0.018	0.047	0.076	266.298470	-28.325572	-2246.08	1375.24
7	GUIDE	896541360	7.72	2530	0.050	-0.023	0.065	0.101	266.684478	-29.453744	1928.38	2109.35

## 2.4 Star Slots

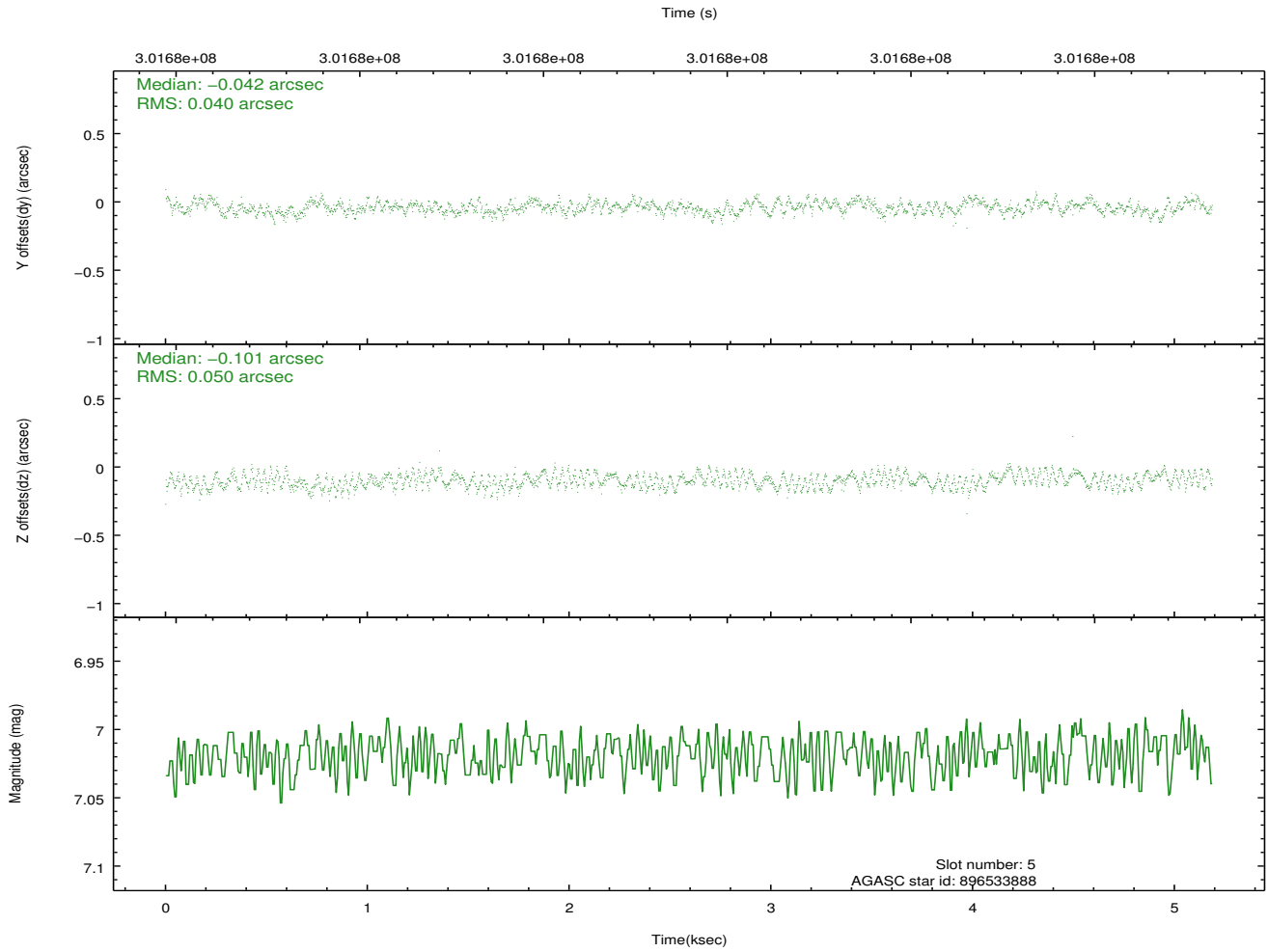
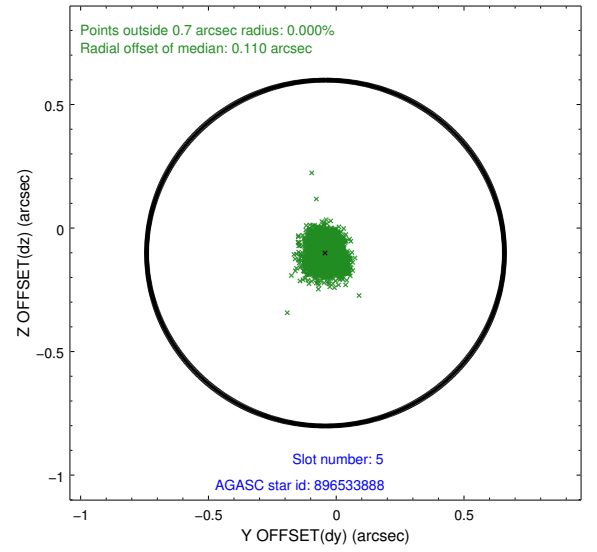
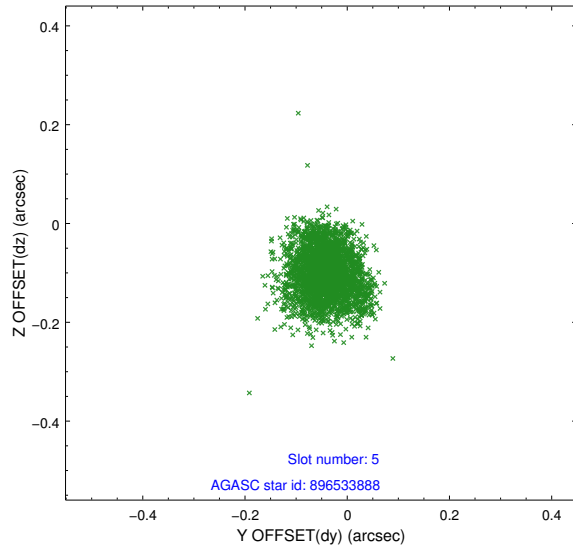
### 2.4.1 Slot 3



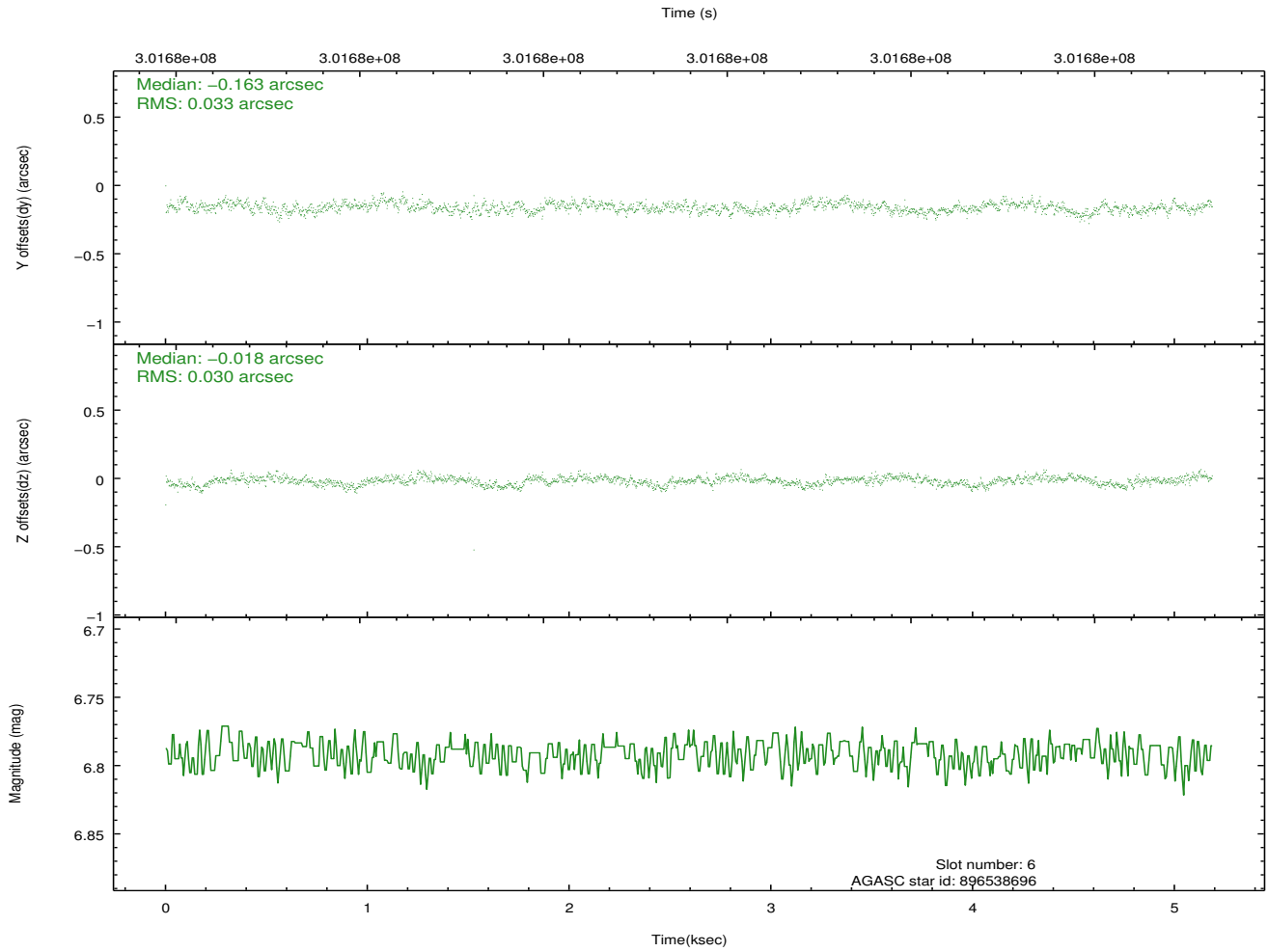
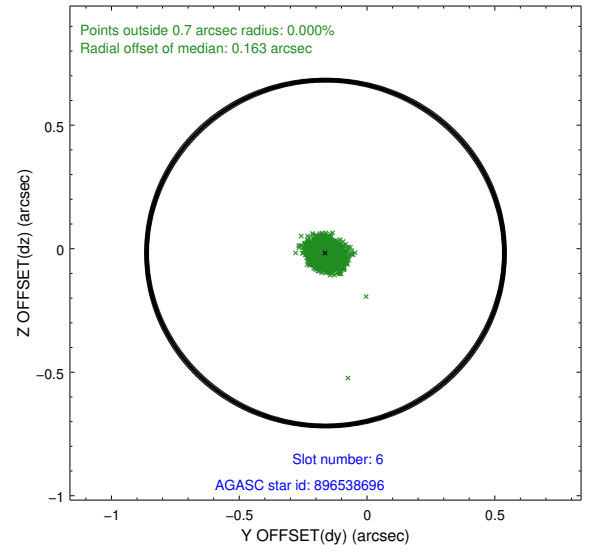
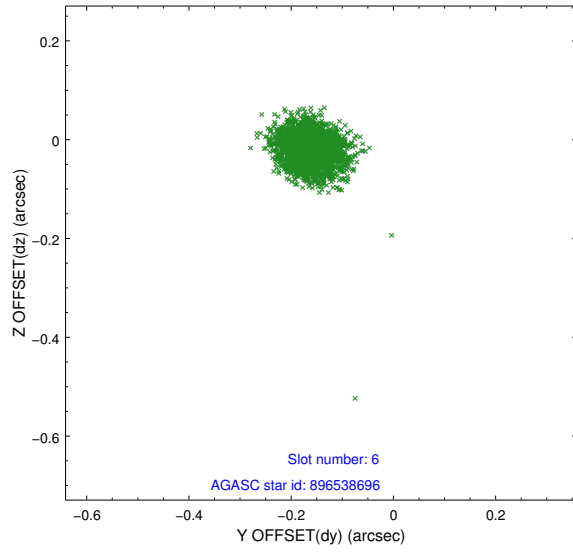
## 2.4.2 Slot 4



### 2.4.3 Slot 5

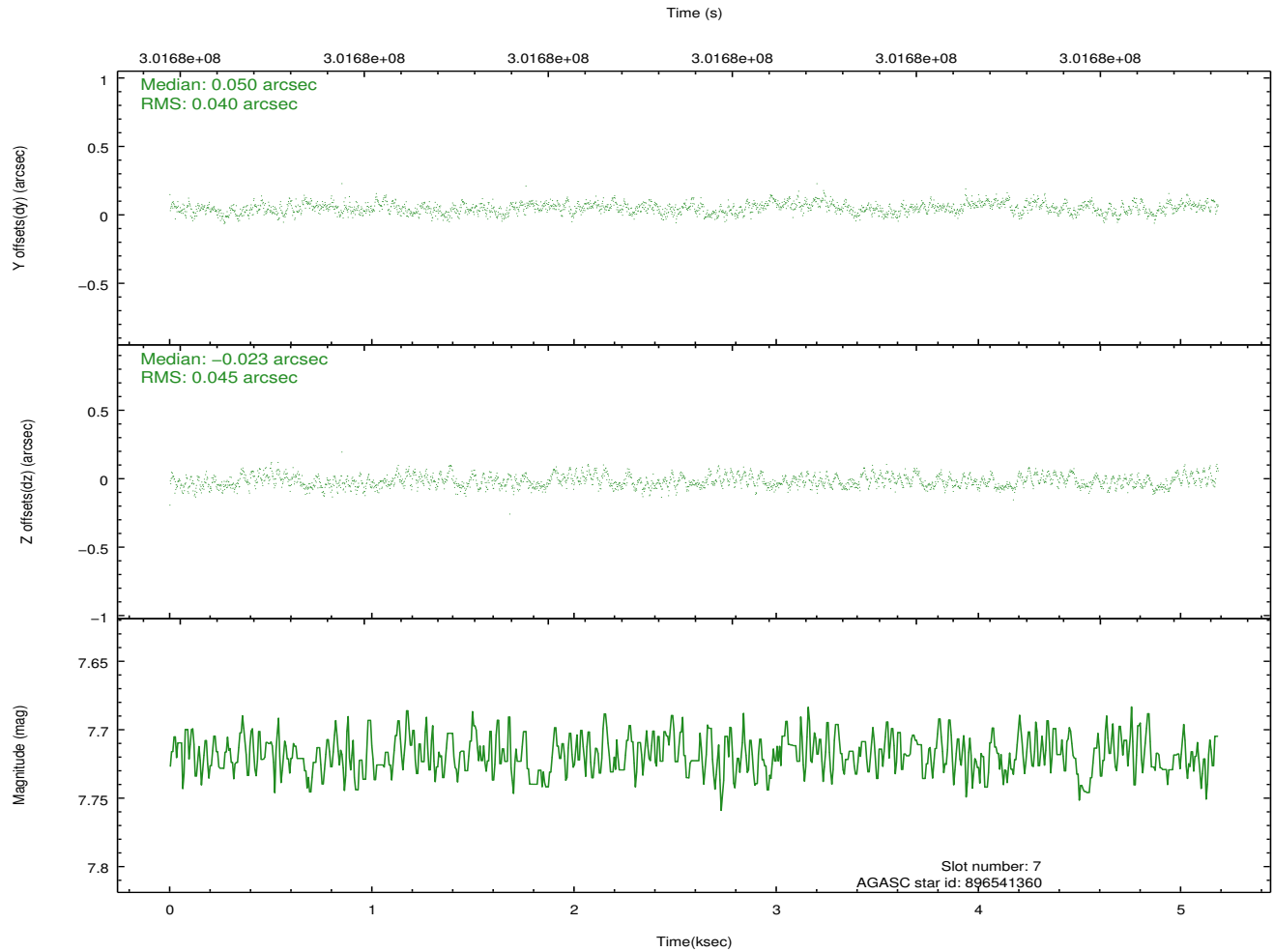
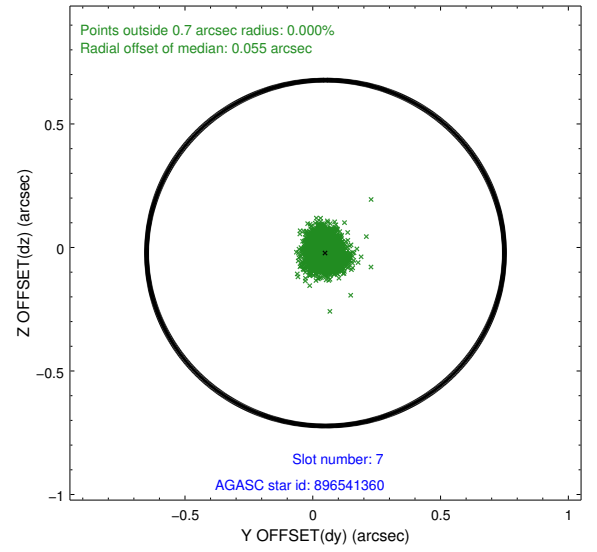
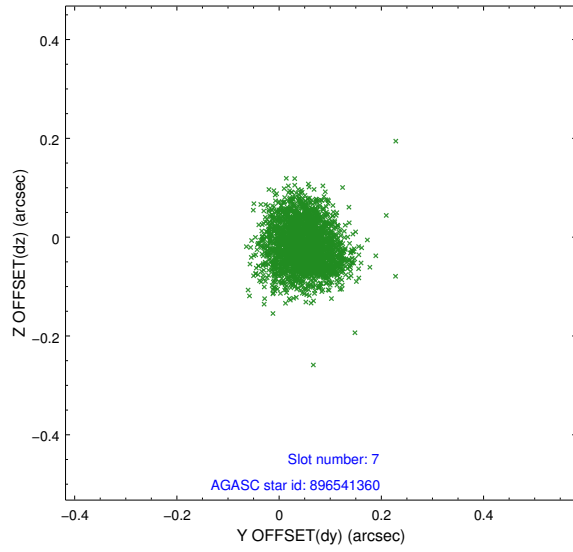


## 2.4.4 Slot 6



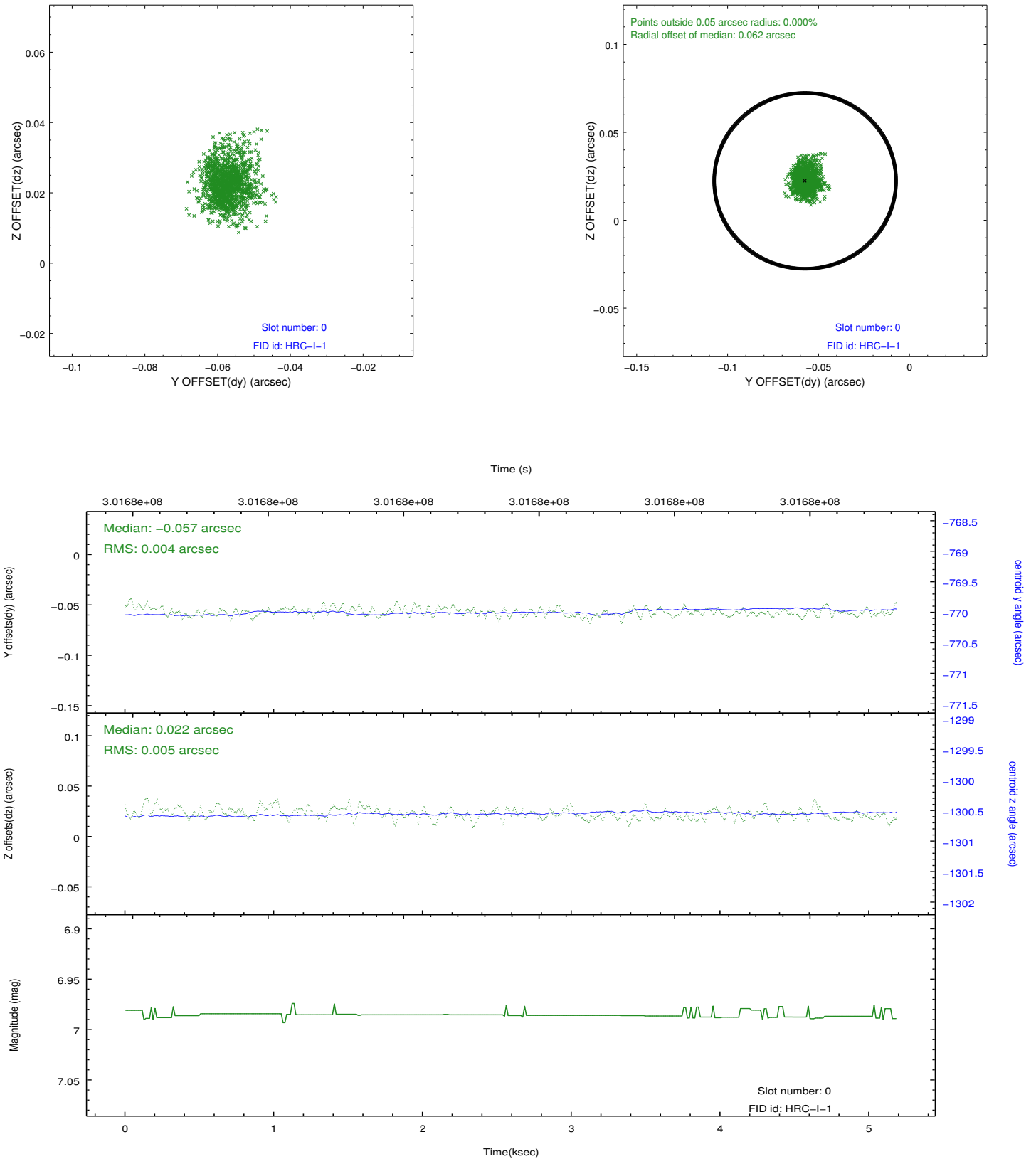


## 2.4.5 Slot 7

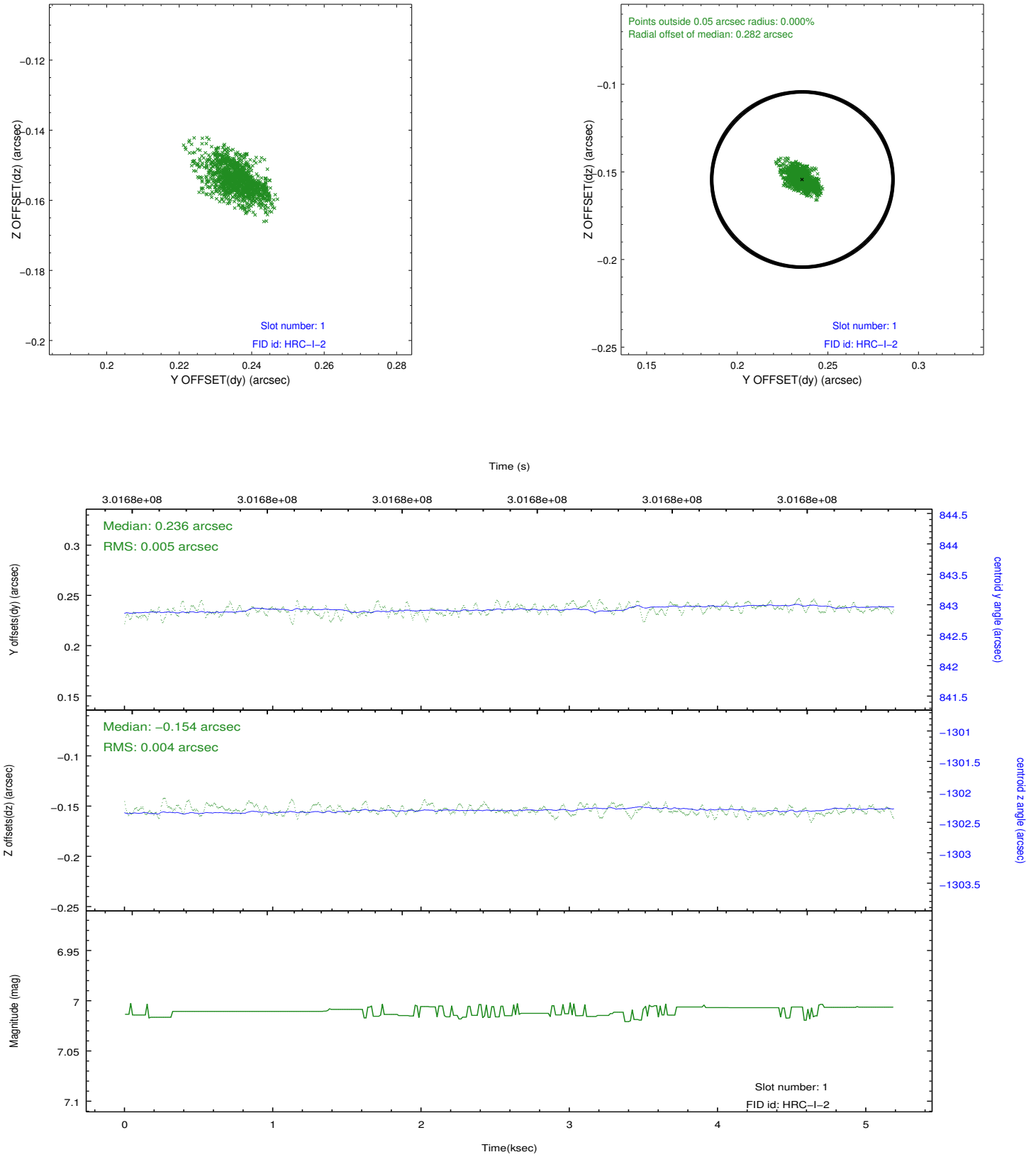


## 2.5 FID Slots

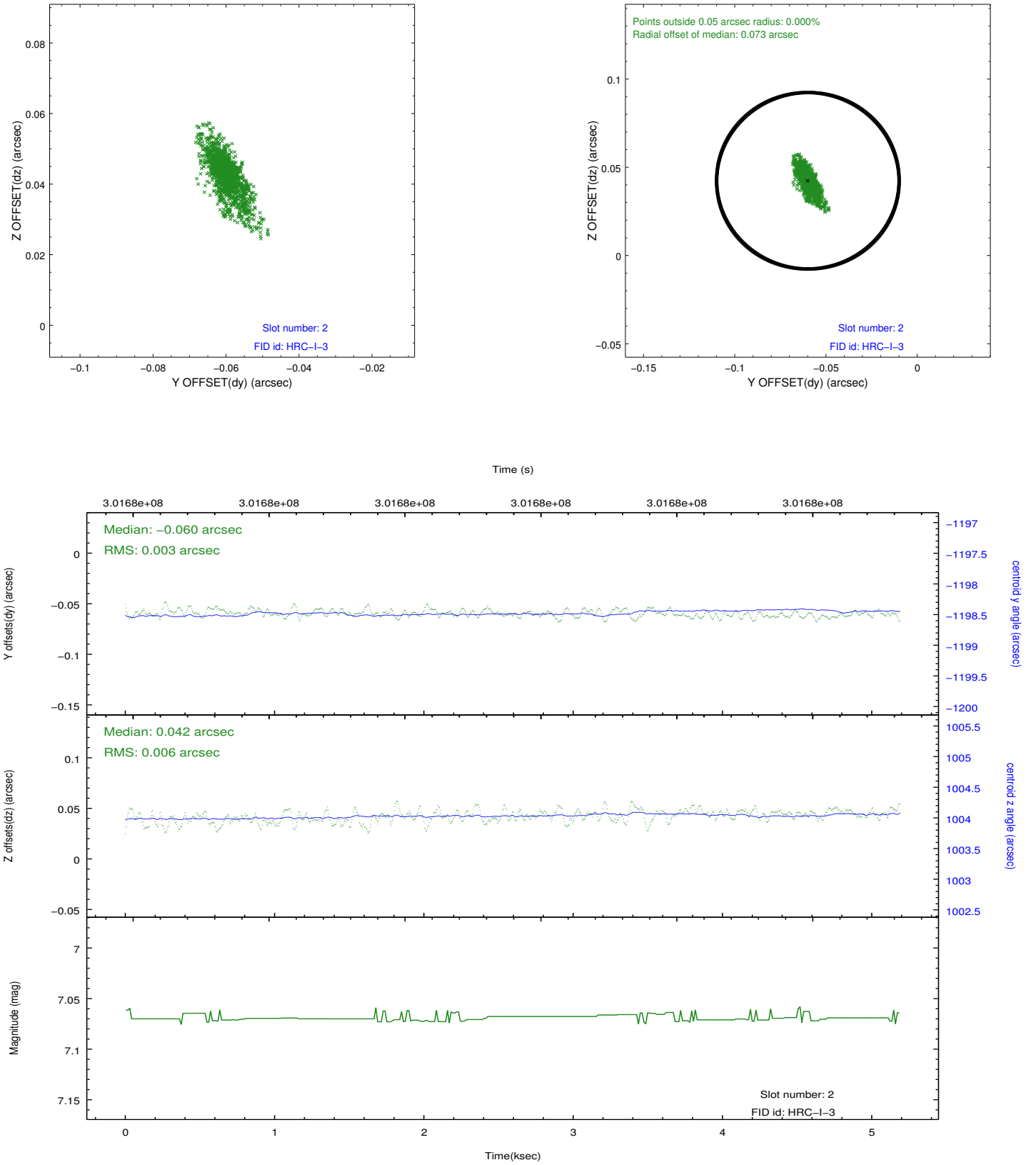
### 2.5.1 Slot 0



## 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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18573149

## A.2 Comments

Joint proposal: CX0-XMM