

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 9037 - L2 Version 3  
Chandra X-Ray Center

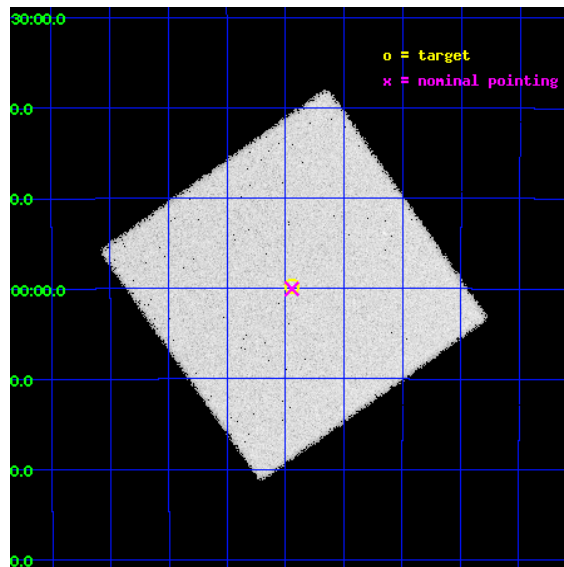
L2 Processing Date : Aug 12 2012

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# 1 Front

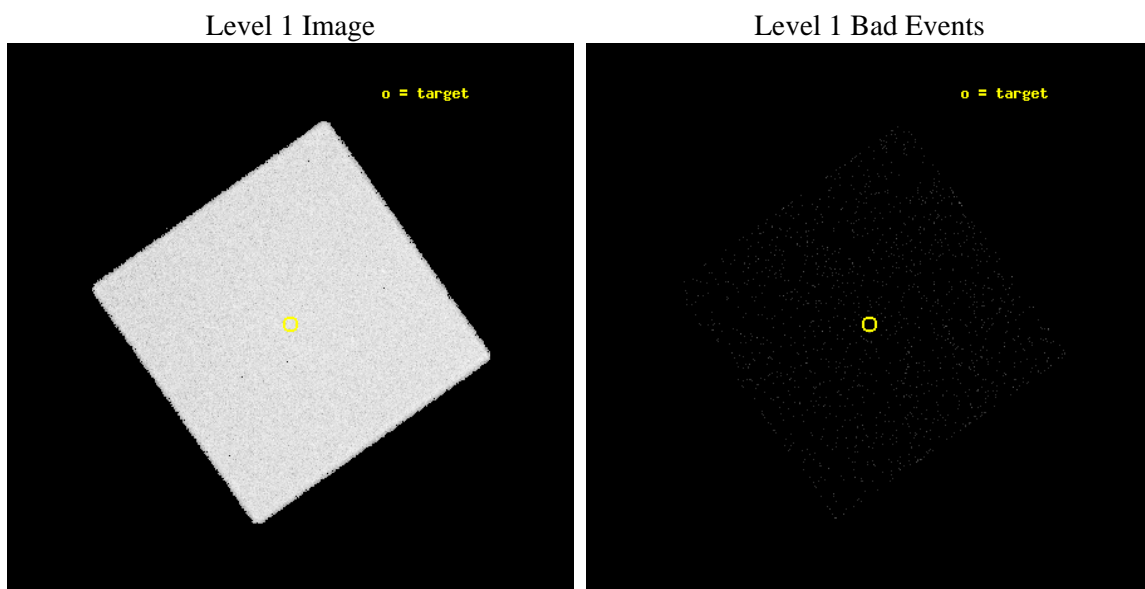
seq_num	400888	Sequence number
obs_id	9037	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-3	Source name
ra_targ	266.8625	Observer's specified target RA [deg]
dec_targ	-28.996167	Observer's specified target Dec [deg]
ra_nom	266.86141361113	Nominal RA [deg]
dec_nom	-29.000563051619	Nominal Dec [deg]
roll_nom	279.77028705945	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5183.6815037727	[s]
livetime	5130.4257145352	Ontime multiplied by DTCOR
l2events	322050	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	5183.6815037727	[s]
caldbver	4.5.1.1	&#160	l1events	500391	Number of level 1 events
date	2012-08-12T15:48:44	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	500391
rejected events	30548
rejected %	6%

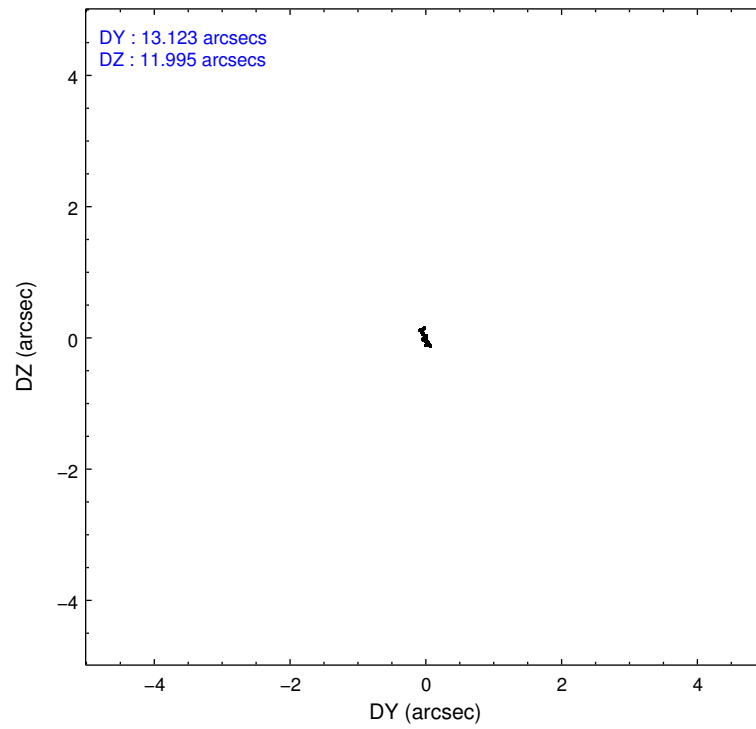
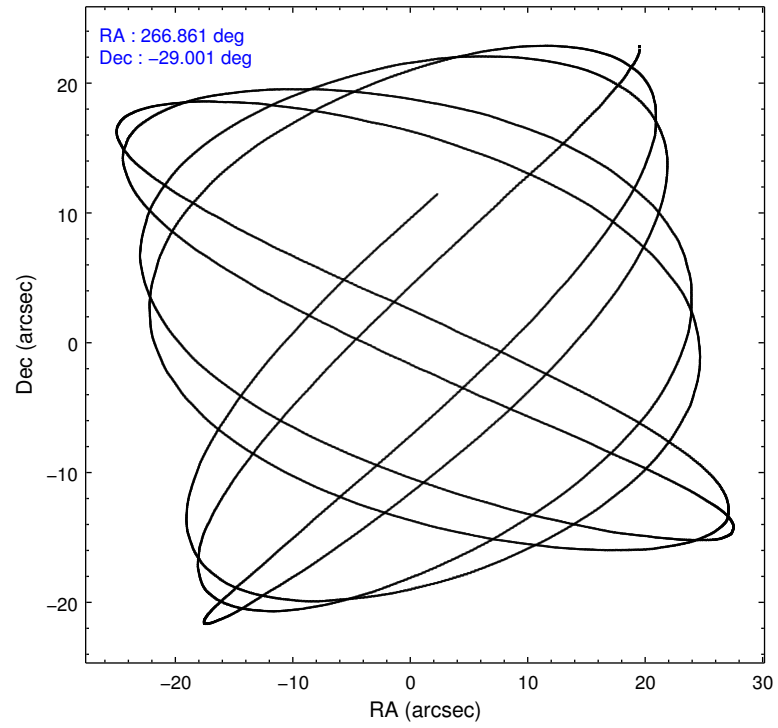


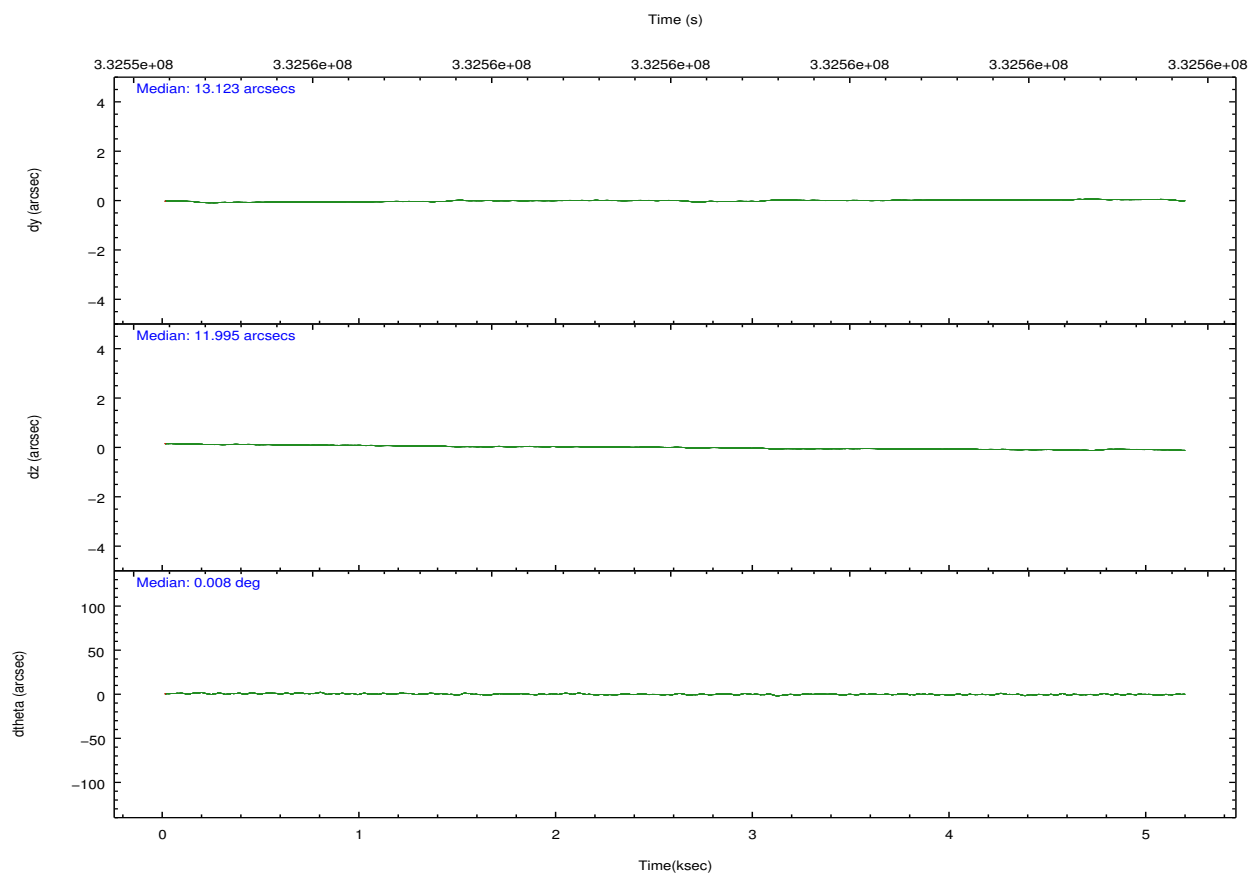
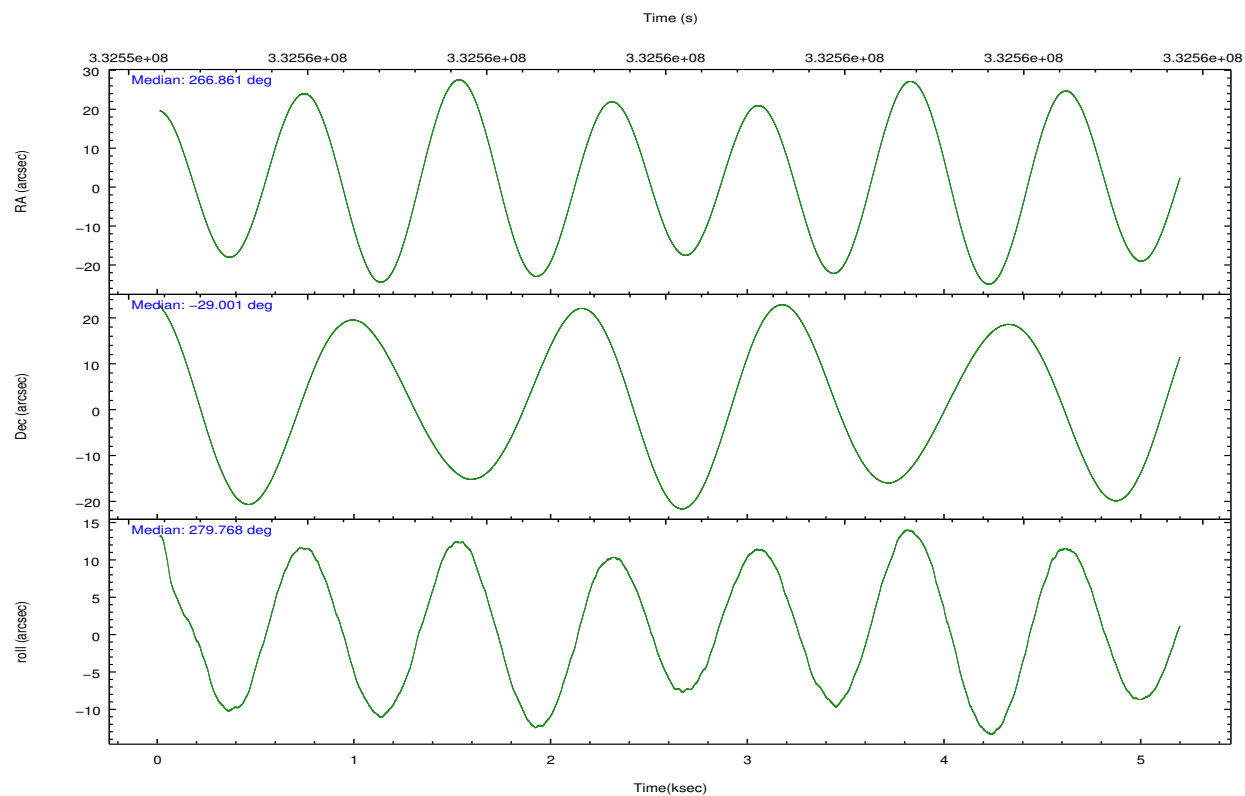
## 2.2 Compared Parameters

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	266.841072	266.8614136111295
[deg] Pointing Dec	-28.979800	-29.00056305161901
[deg] Pointing Roll	279.855912	279.7702870594499
[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)	332554631.184000	332554255.36907
Observation start date	2008-07-16T00:16:06	2008-07-16T00:10:55
[s] Observation end time (MET)	332559631.184000	332559773.45684
Observation end date	2008-07-16T01:39:26	2008-07-16T01:42:53

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

## 2.3 Aspect



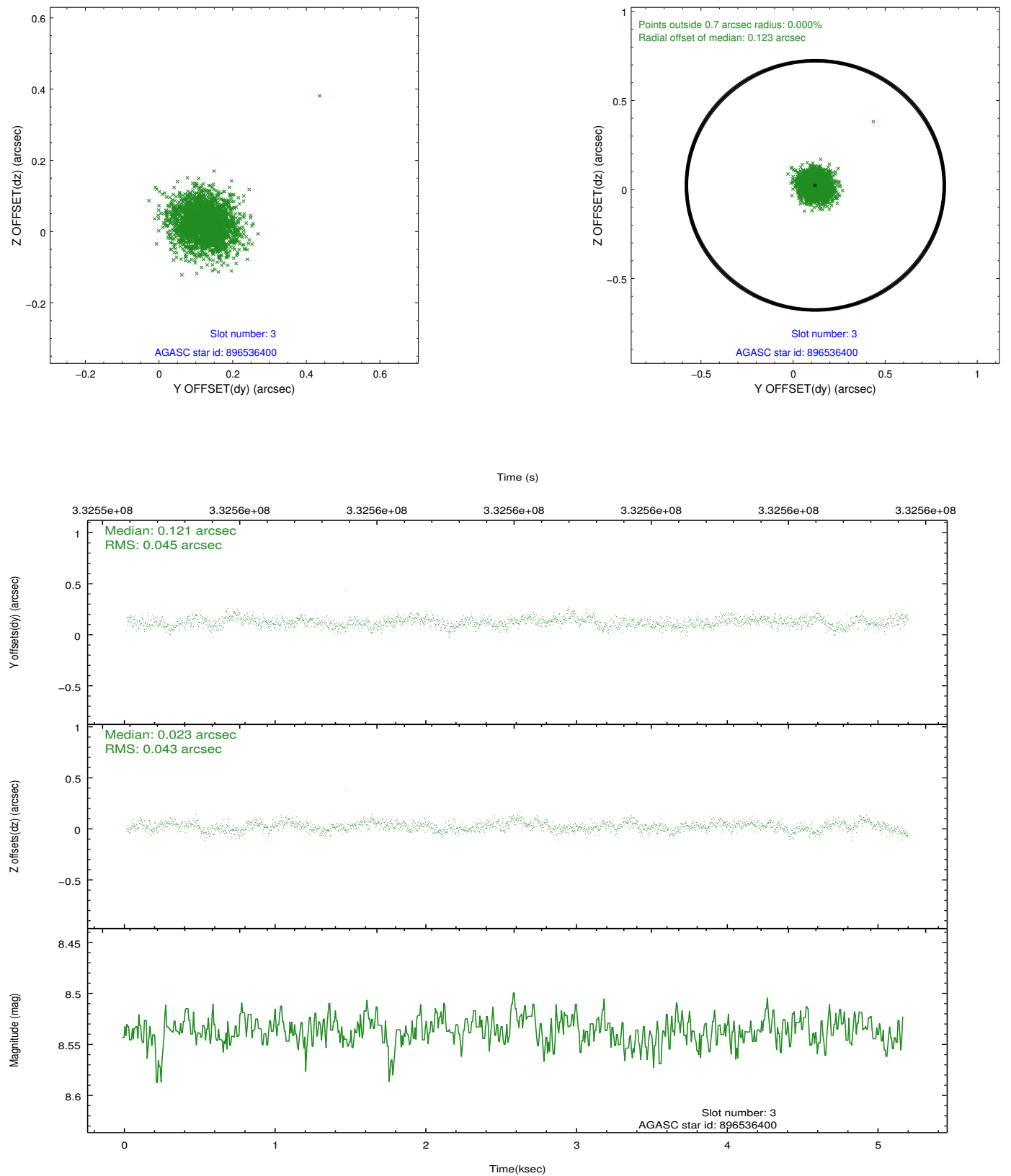


### Slot Statistics

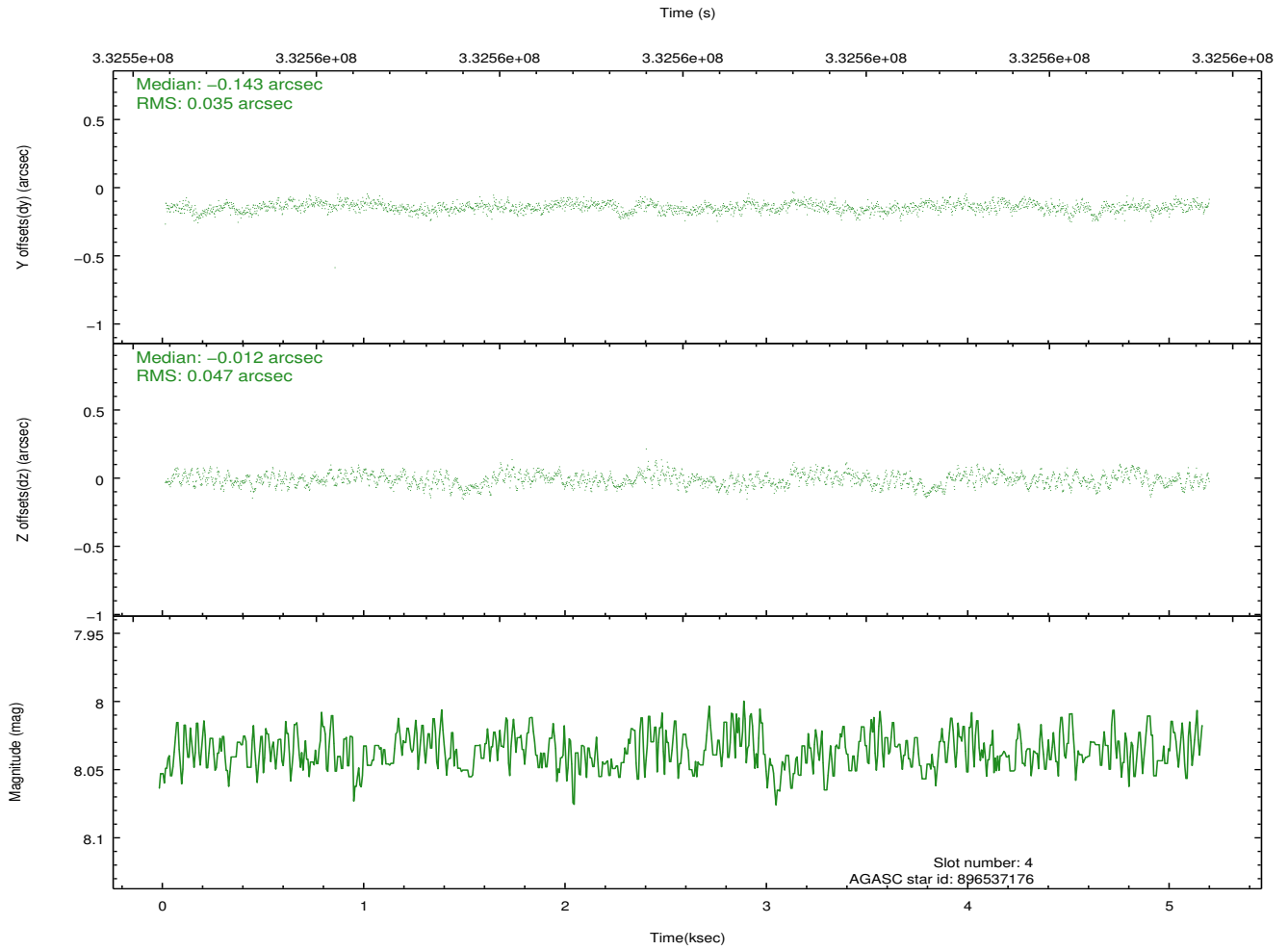
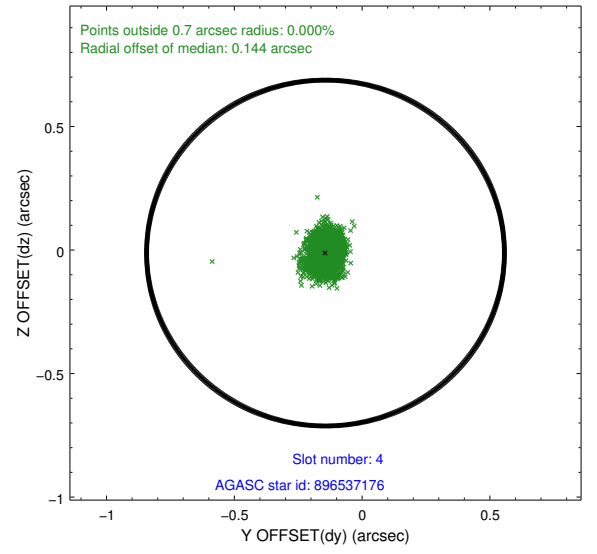
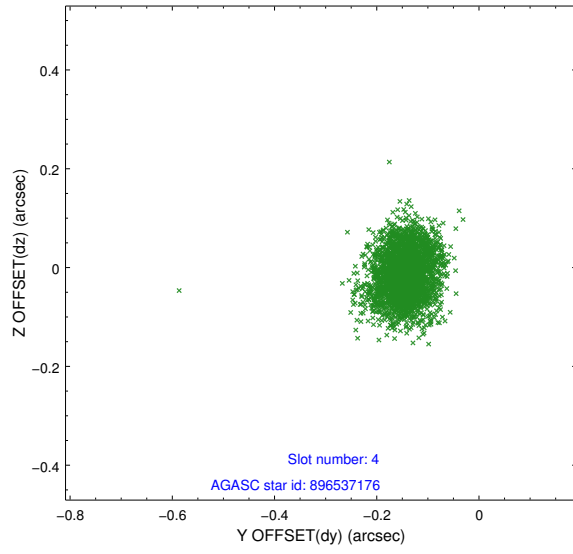
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1265	-0.050	0.029	0.008	0.014	0.000000	0.000000	-768.91	-1299.96
1	FID	HRC-I-2	7.00	1265	0.204	-0.128	0.006	0.011	0.000000	0.000000	843.37	-1302.71
2	FID	HRC-I-3	7.05	1265	-0.035	0.009	0.007	0.012	0.000000	0.000000	-1196.72	1003.55
3	GUIDE	896536400	8.54	2524	0.121	0.023	0.065	0.106	267.359146	-29.438655	1908.73	1317.51
4	GUIDE	896537176	8.04	2530	-0.143	-0.012	0.063	0.100	266.498272	-28.678259	-1253.10	-880.26
5	GUIDE	896540528	8.24	2528	0.007	-0.059	0.074	0.123	267.368305	-29.314773	1474.27	1424.00
6	GUIDE	896534664	8.18	2530	0.195	-0.039	0.069	0.113	266.405570	-28.407461	-2263.20	-1005.59
7	GUIDE	896537776	7.55	2529	-0.179	0.093	0.059	0.095	266.655684	-29.665673	2332.44	-993.88

## 2.4 Star Slots

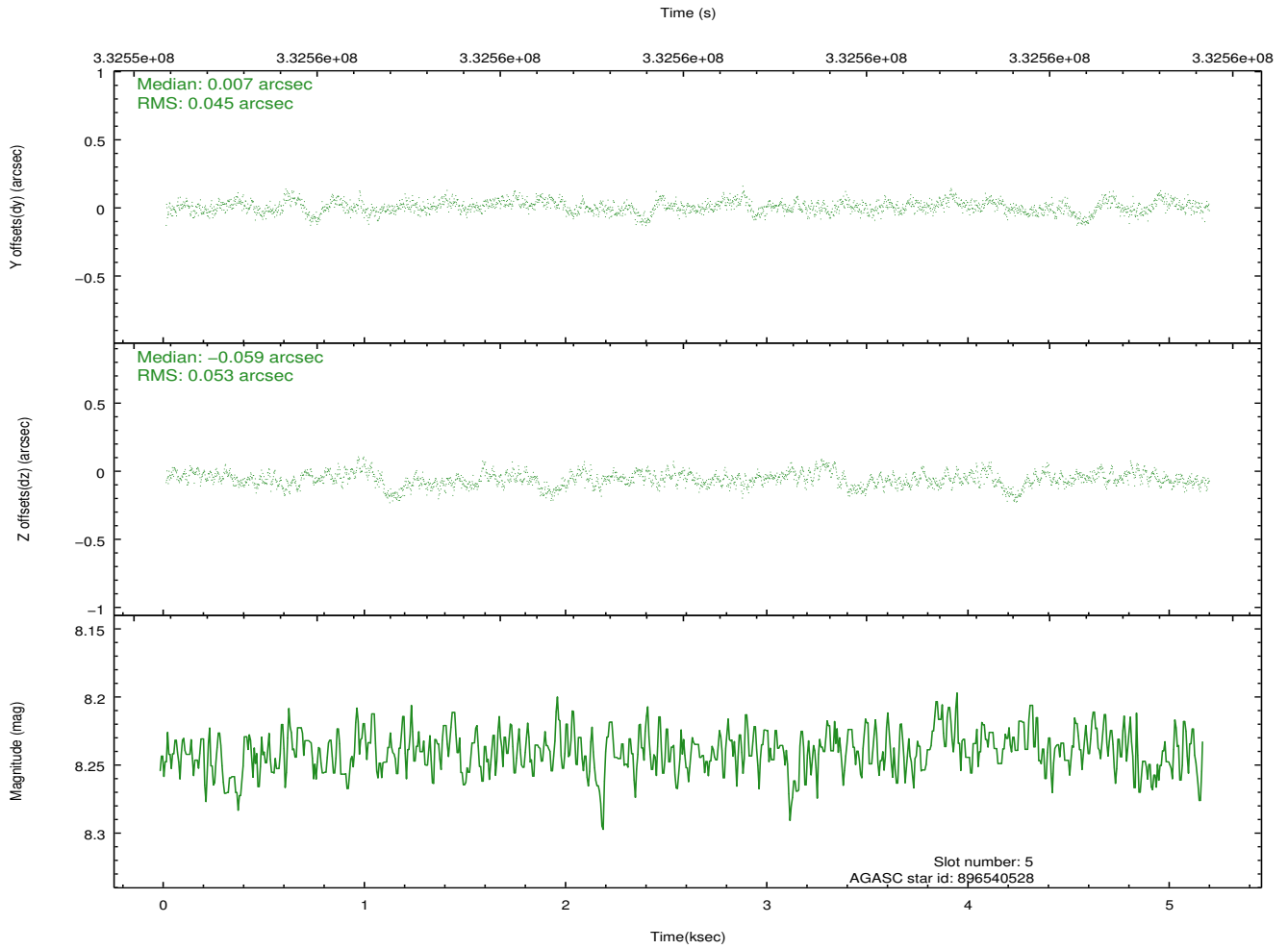
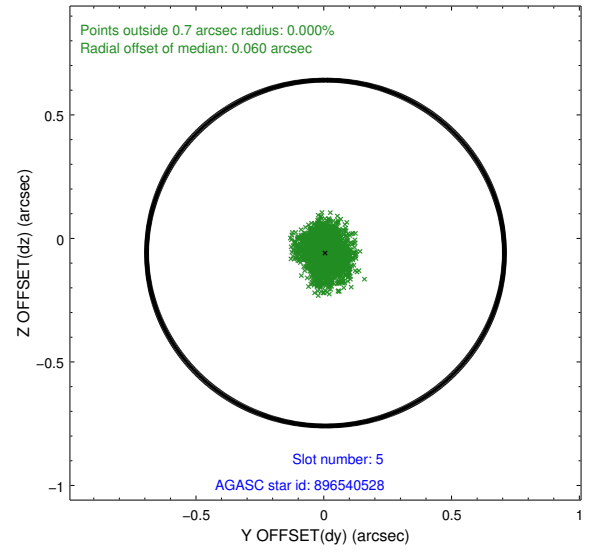
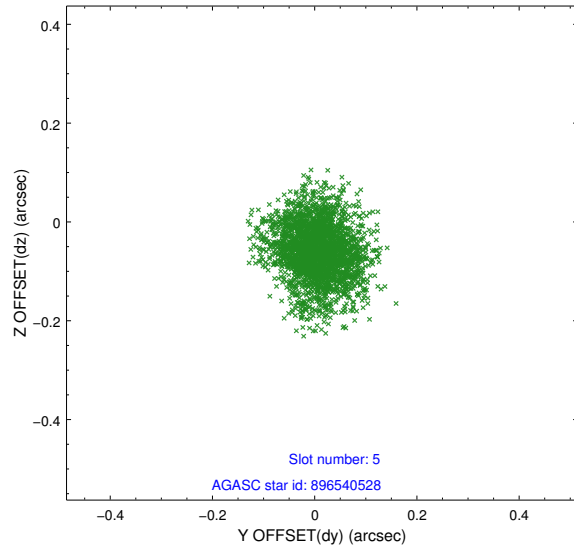
### 2.4.1 Slot 3



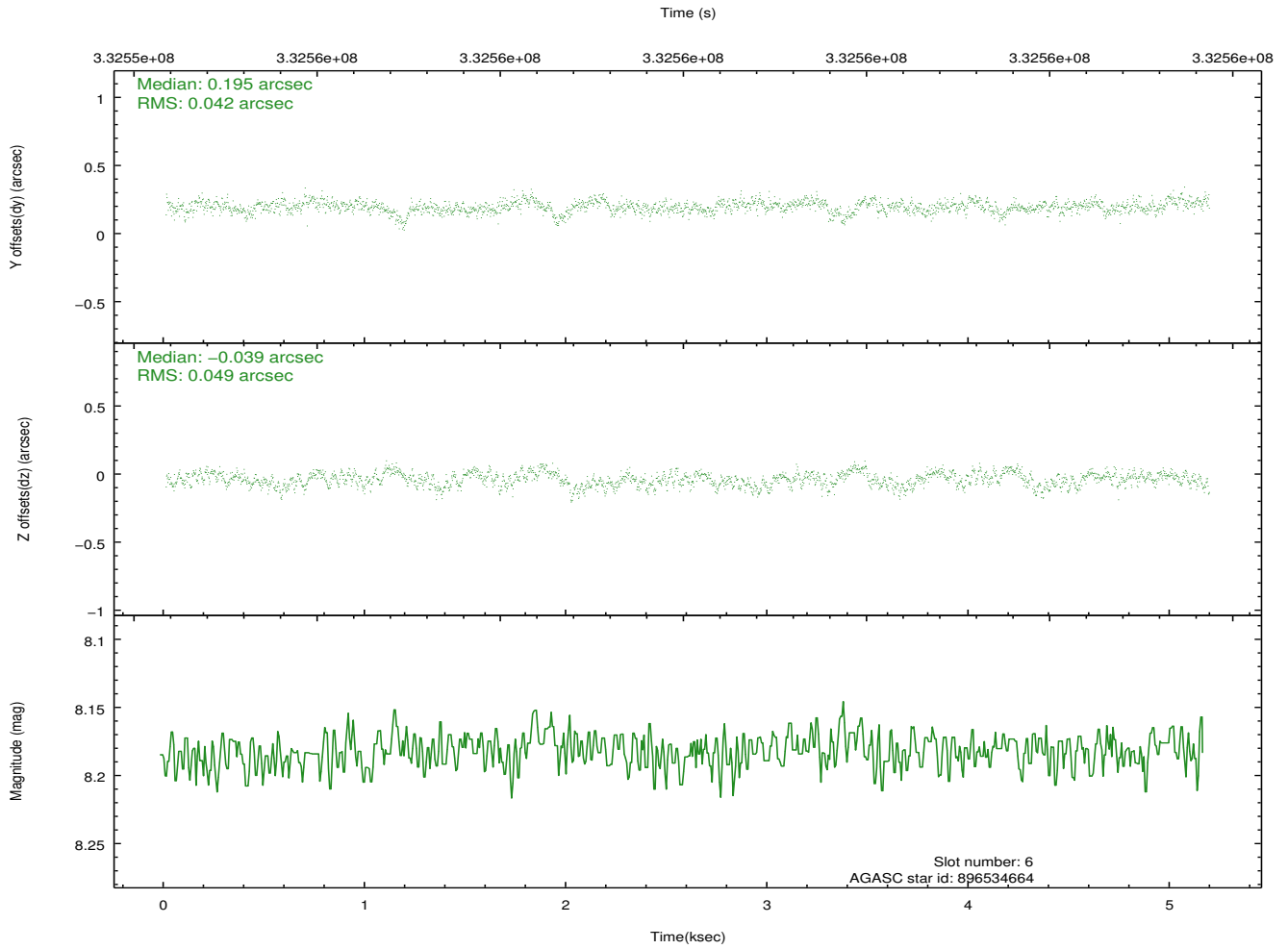
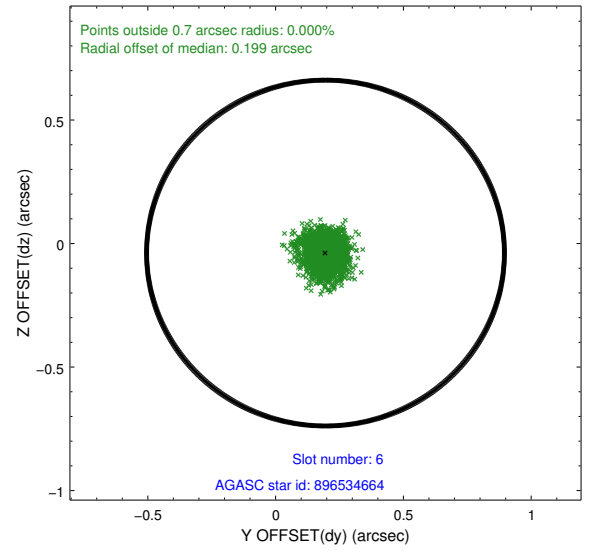
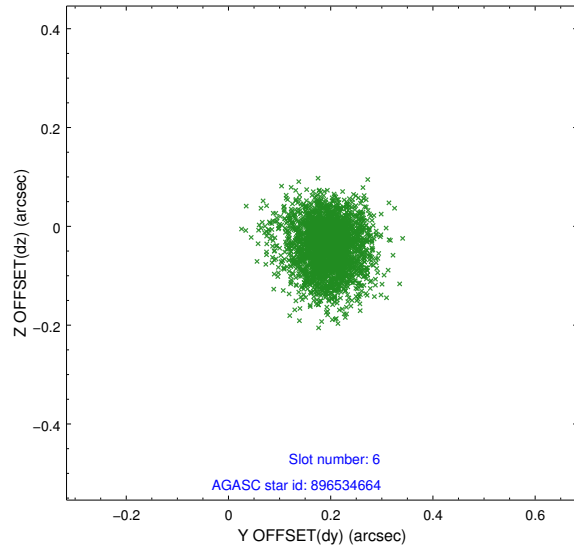
## 2.4.2 Slot 4



### 2.4.3 Slot 5

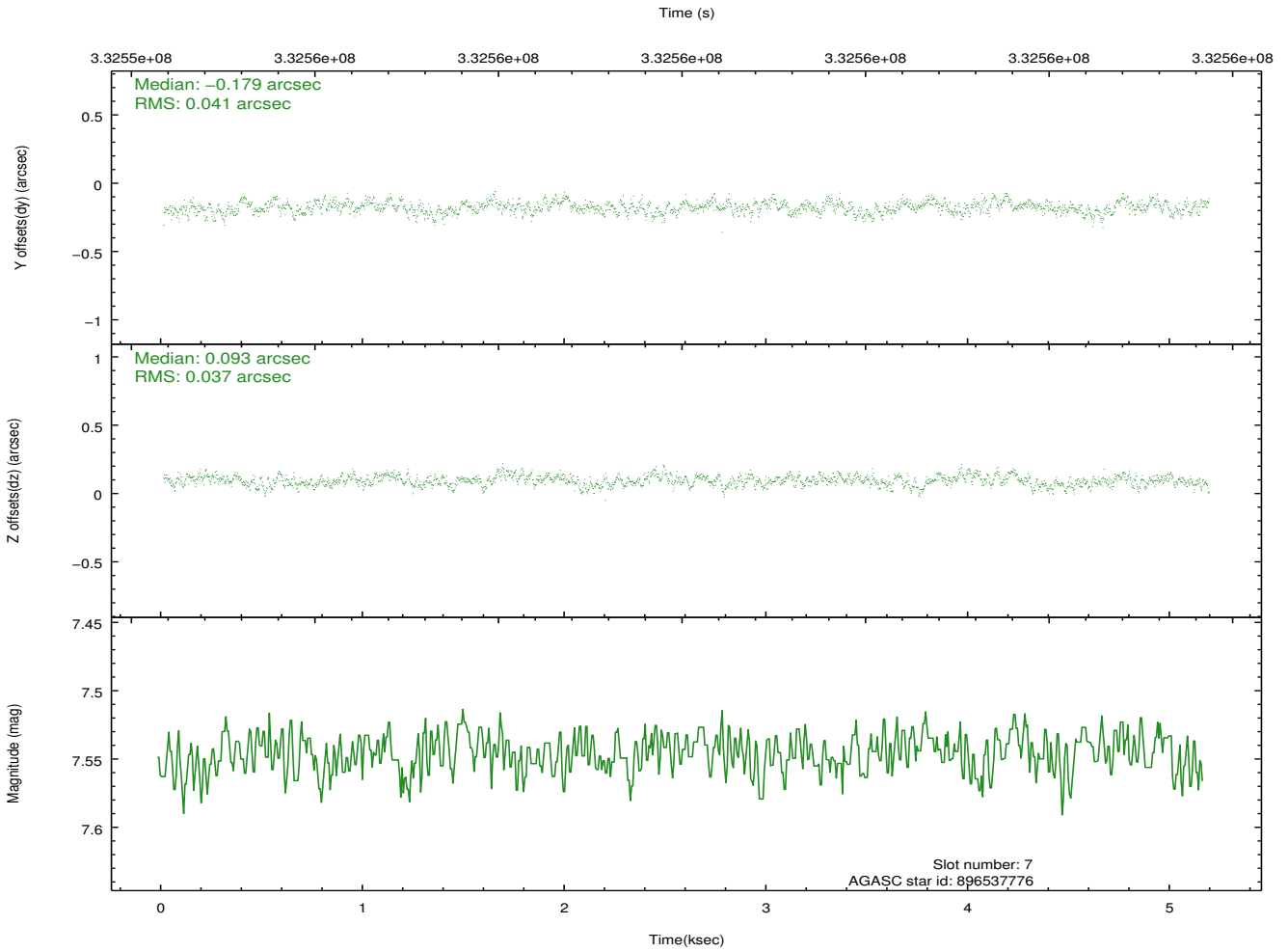
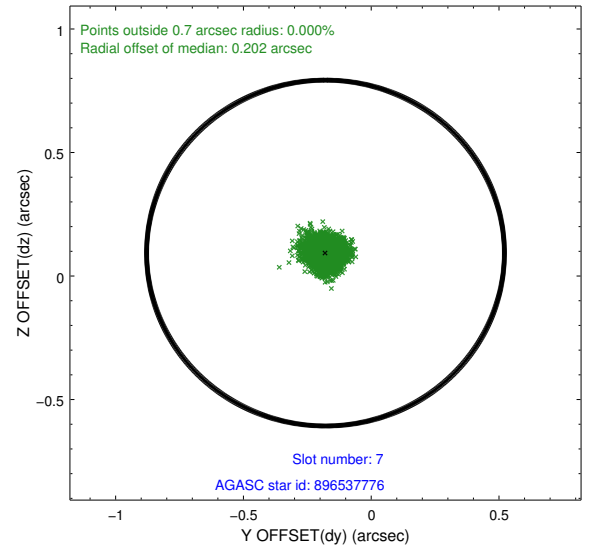
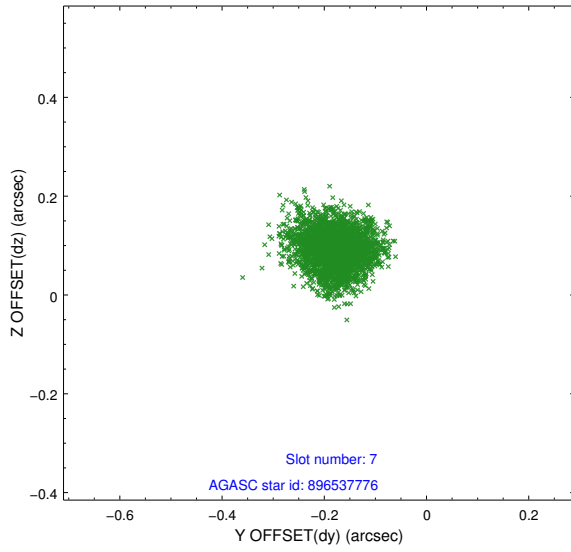


## 2.4.4 Slot 6



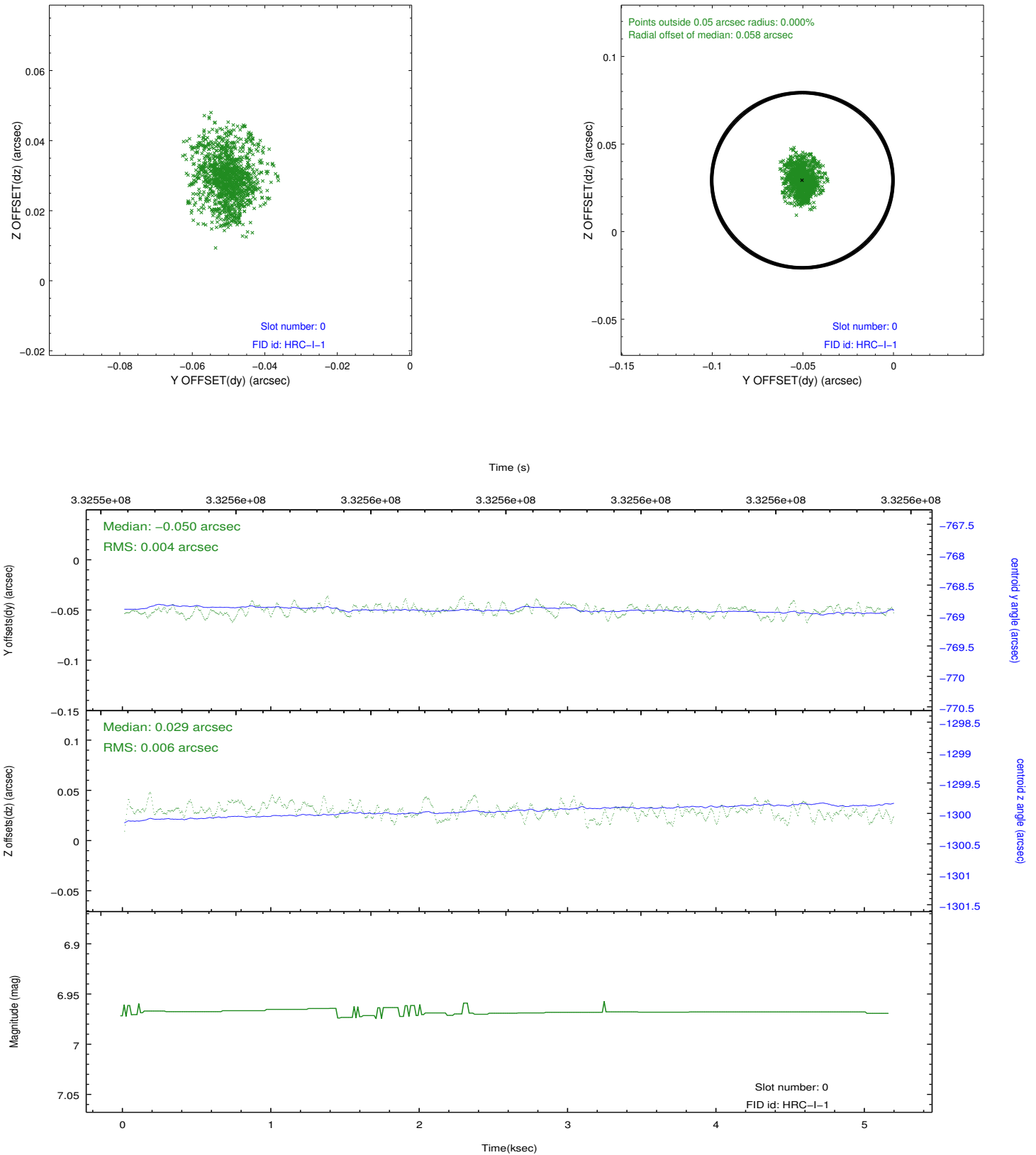


## 2.4.5 Slot 7

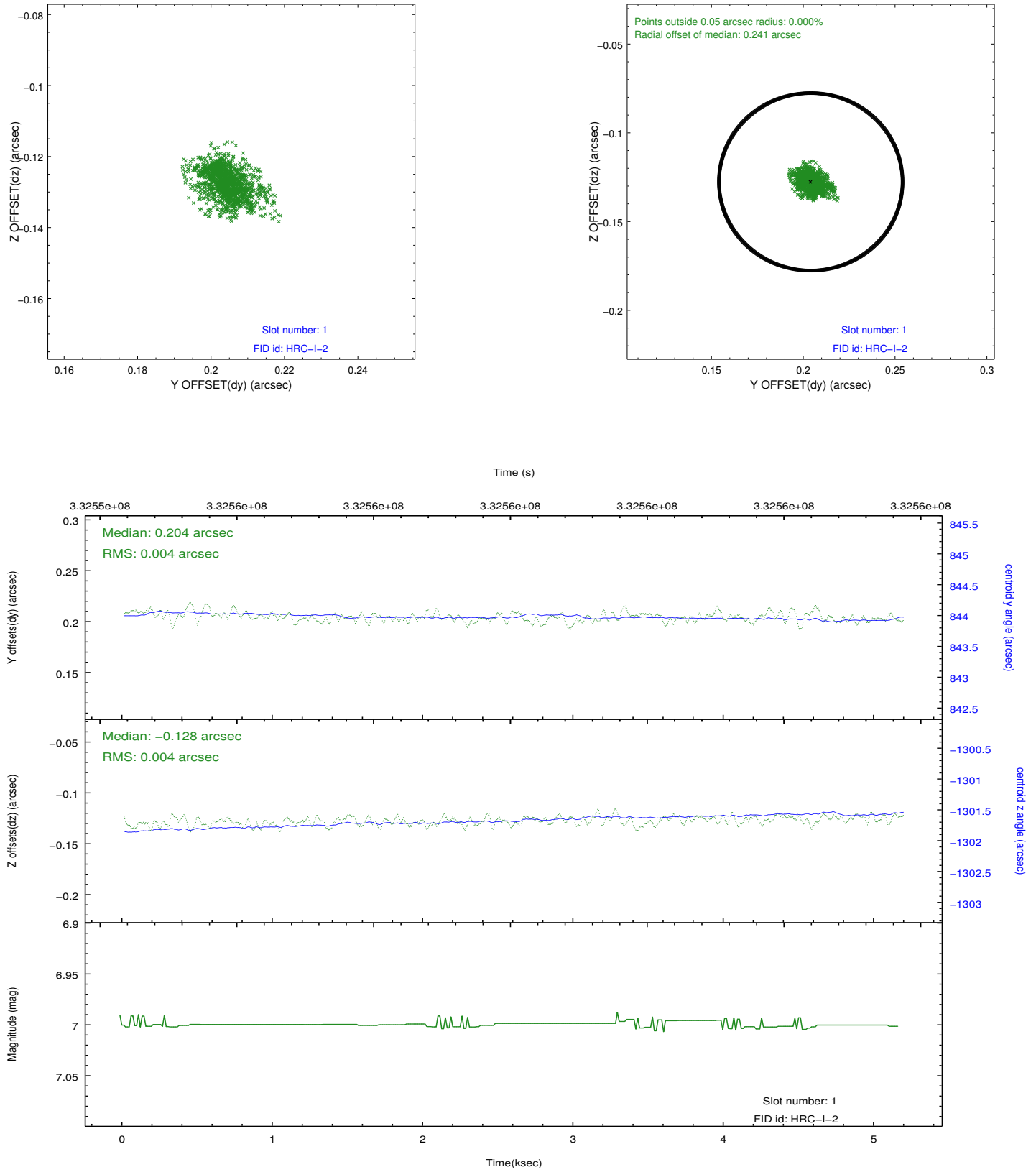


## 2.5 FID Slots

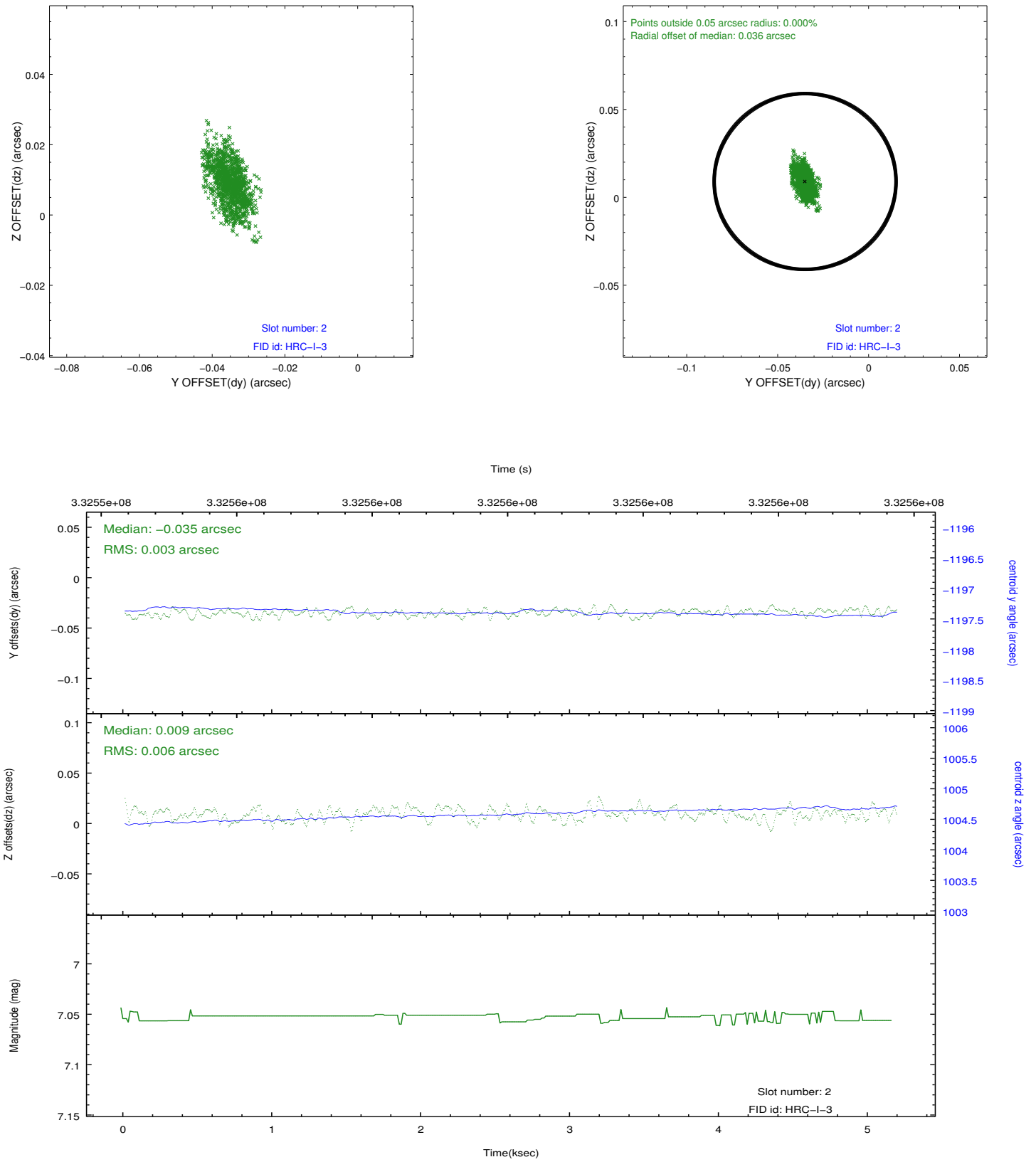
### 2.5.1 Slot 0



## 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	5.1836815

### A.2 Comments

Joint proposal with XMM.