

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 11297 - L2 Version 2  
Chandra X-Ray Center

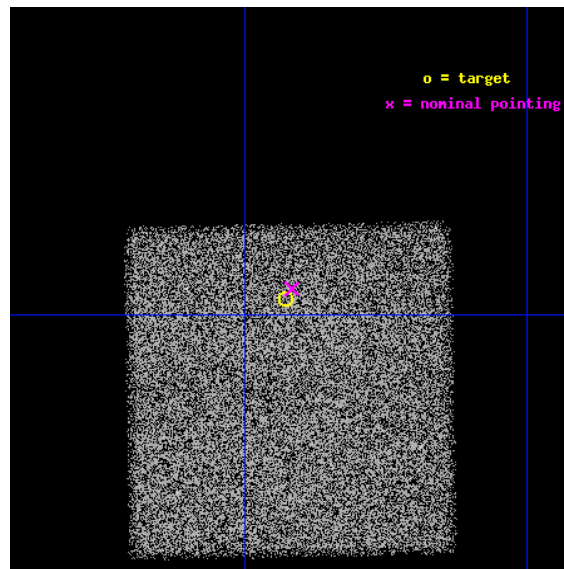
L2 Processing Date : Jun 13 2012

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# 1 Front

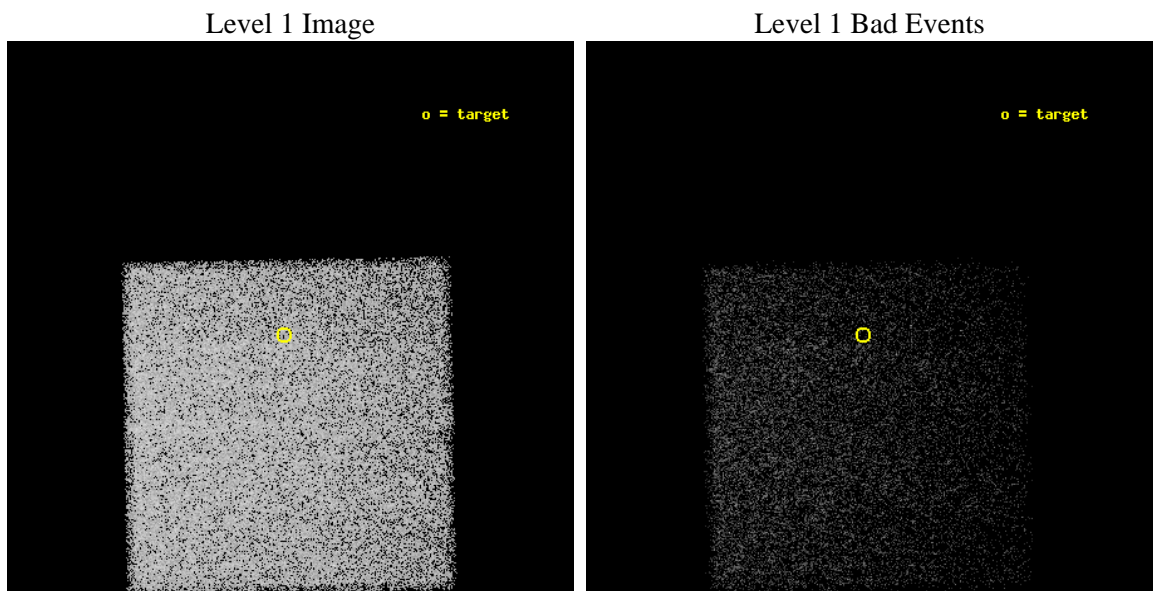
seq_num	600816	Sequence number
obs_id	11297	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	KUG 0201-103	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	31.106667	Observer's specified target RA [deg]
dec_targ	-10.159722	Observer's specified target Dec [deg]
ra_nom	31.104121133906	Nominal RA [deg]
dec_nom	-10.155587587331	Nominal Dec [deg]
roll_nom	88.989214802642	Nominal Roll [deg]
revision	2	Processing version of data
ontime	13776.0	Sum of GTIs [s]
livetime	13590.08760161	Livetime [s]
ontime7	13776.0	Sum of GTIs [s]
l2events	59819	Number of level 2 events



## 2 OBI

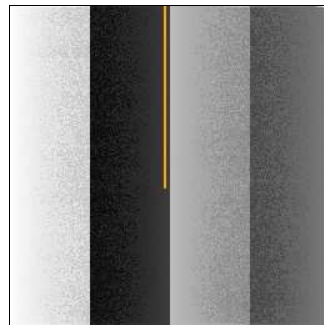
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	13596.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	13776.0	Sum of GTIs [s]
caldsver	4.4.10	&#160	ontime7	13776.0	Sum of GTIs [s]
date	2012-06-13T02:55:06	Date and time of file creation	l1events	139684	Number of level 1 events
revision	2	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	139684
rejected events	78203
rejected %	55%

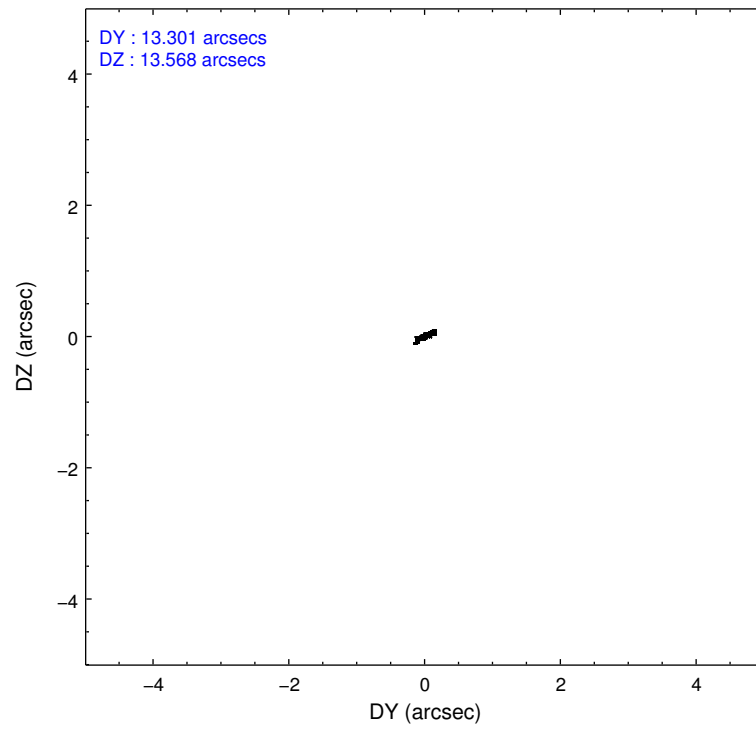
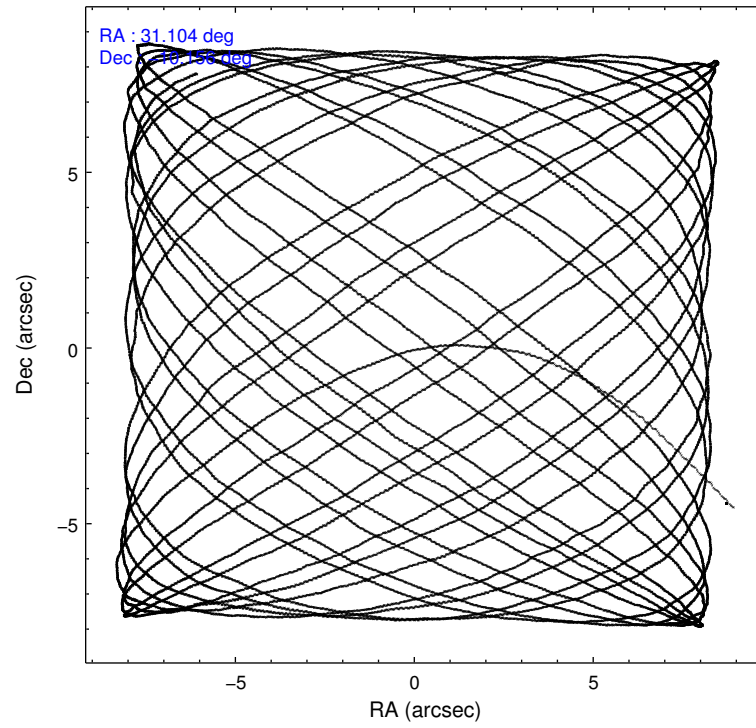
	<b>ccd 7</b>
grade 0 events	5984
	4%
grade 1 events	195
	0%
grade 2 events	12823
	9%
grade 3 events	5789
	4%
grade 4 events	5733
	4%
grade 5 events	14898
	10%
grade 6 events	33439
	23%
grade 7 events	60823
	43%

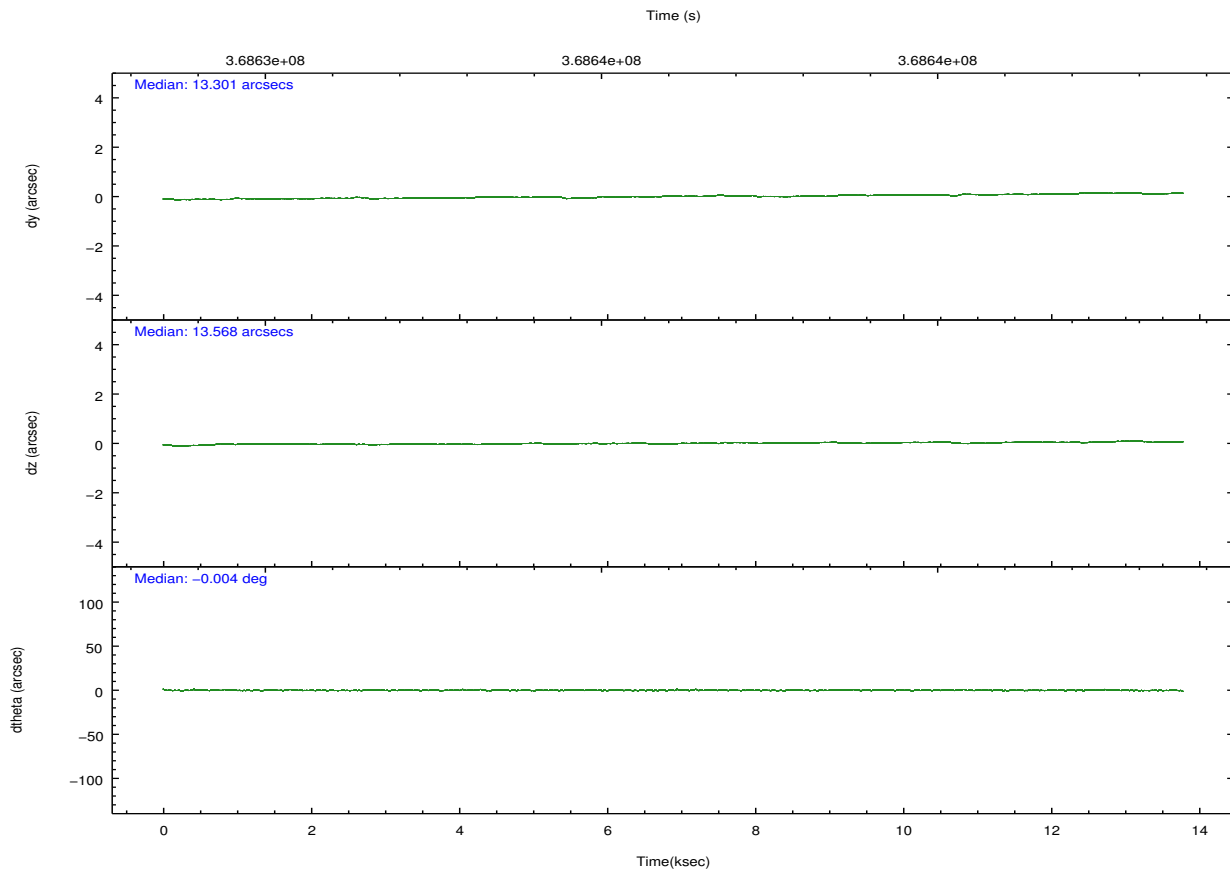
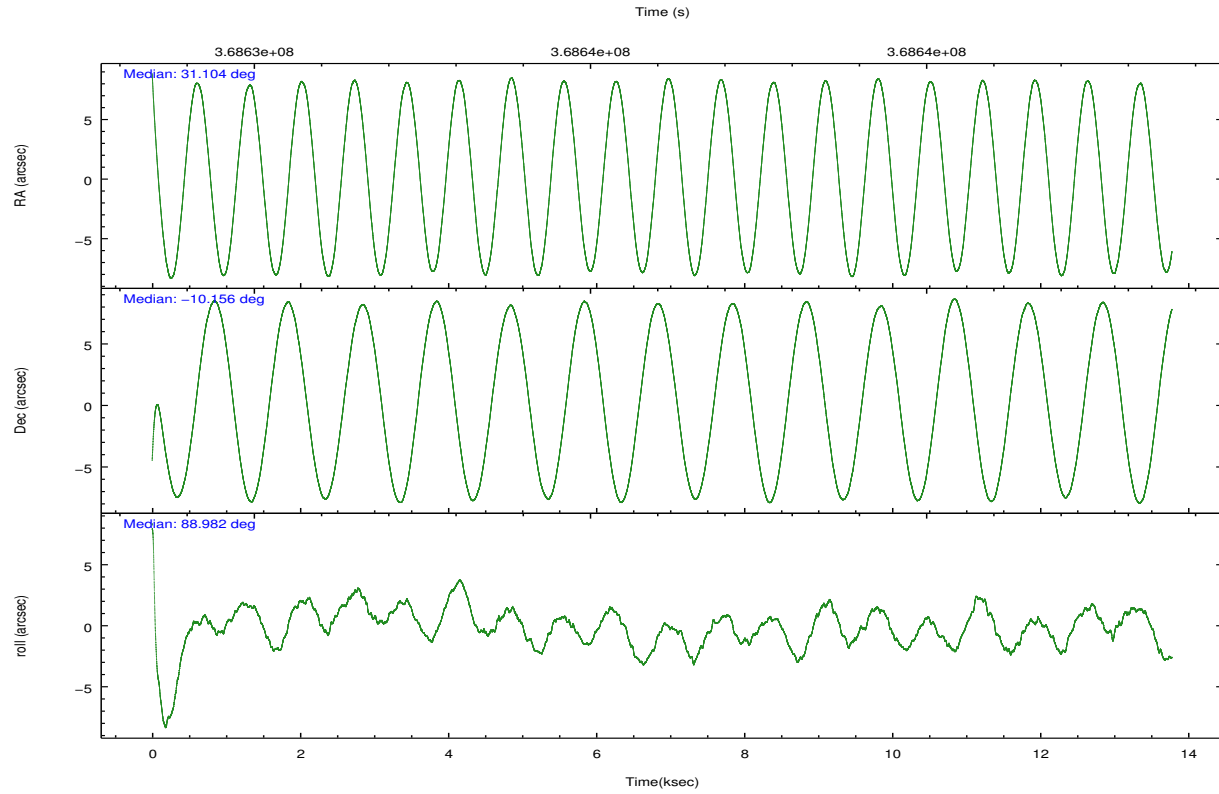


## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	31.117942	31.10412113390572	Subarray requested	NONE	NONE
[deg] Pointing Dec	-10.179285	-10.15558758733094	Alternating exposures requested	N	N
[deg] Pointing Roll	88.835015	88.98921480264239	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	368629361.184000	368628374.9673			
Observation start date	2009-09-06T13:01:35	2009-09-06T12:46:14			
[s] Observation end time (MET)	368642957.184000	368643767.90558			
Observation end date	2009-09-06T16:48:11	2009-09-06T17:02:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect



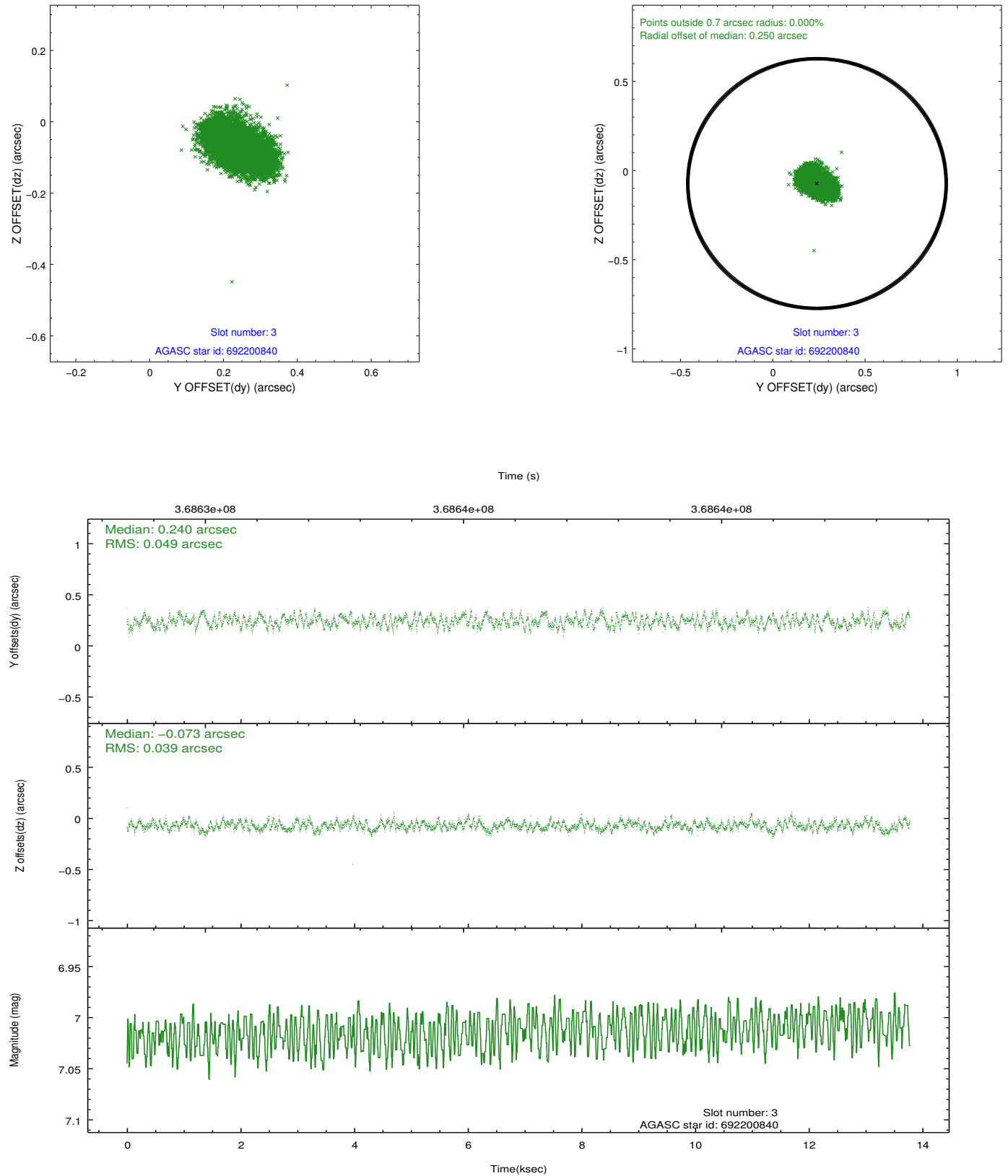


### Slot Statistics

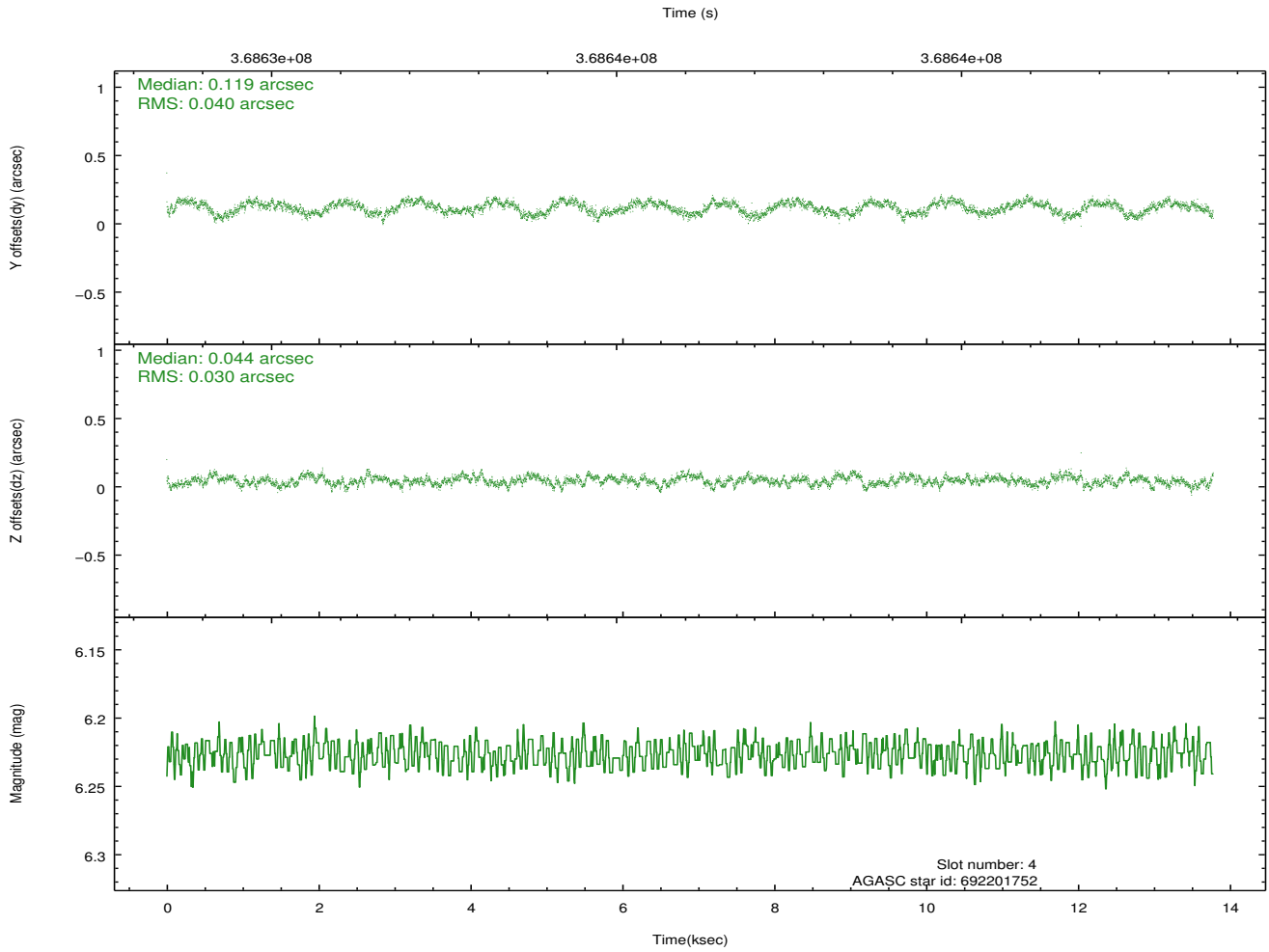
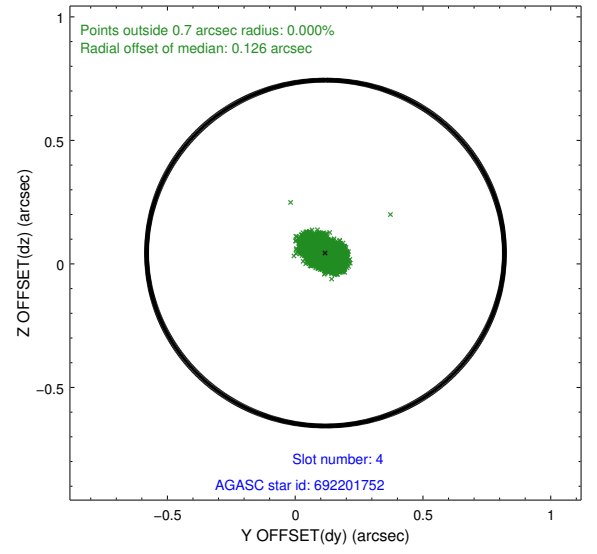
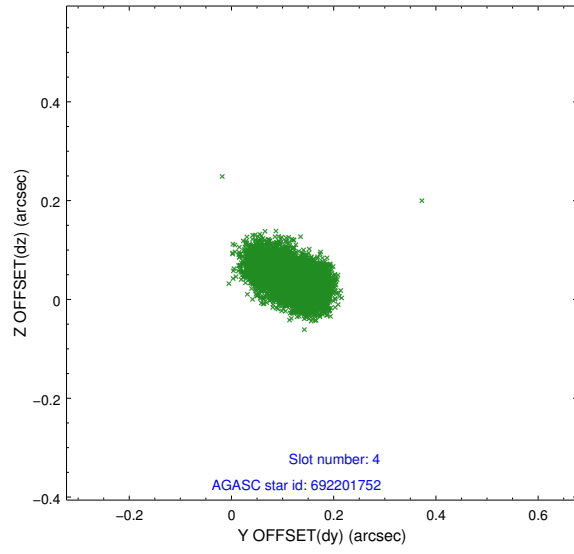
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	3361	-0.028	-0.045	0.007	0.012	0.000000	0.000000	-766.26	-1734.85
1	FID	ACIS-S-4	7.00	3361	0.160	0.026	0.008	0.015	0.000000	0.000000	2147.05	173.34
2	FID	ACIS-S-5	7.04	3361	-0.163	0.028	0.008	0.012	0.000000	0.000000	-1818.79	167.41
3	GUIDE	692200840	7.01	6721	0.240	-0.073	0.068	0.105	31.544710	-10.276216	-318.63	-1519.00
4	GUIDE	692201752	6.23	6723	0.119	0.044	0.054	0.084	31.523790	-10.212592	-91.12	-1440.24
5	GUIDE	692203840	8.10	6721	0.073	0.100	0.072	0.109	31.608949	-9.990830	712.83	-1726.83
6	GUIDE	692207704	9.11	6714	-0.345	0.164	0.114	0.181	31.676851	-10.100332	323.12	-1974.69
7	GUIDE	691816448	8.85	6717	-0.091	-0.237	0.083	0.131	30.462204	-9.761212	1454.22	2356.80

## 2.4 Star Slots

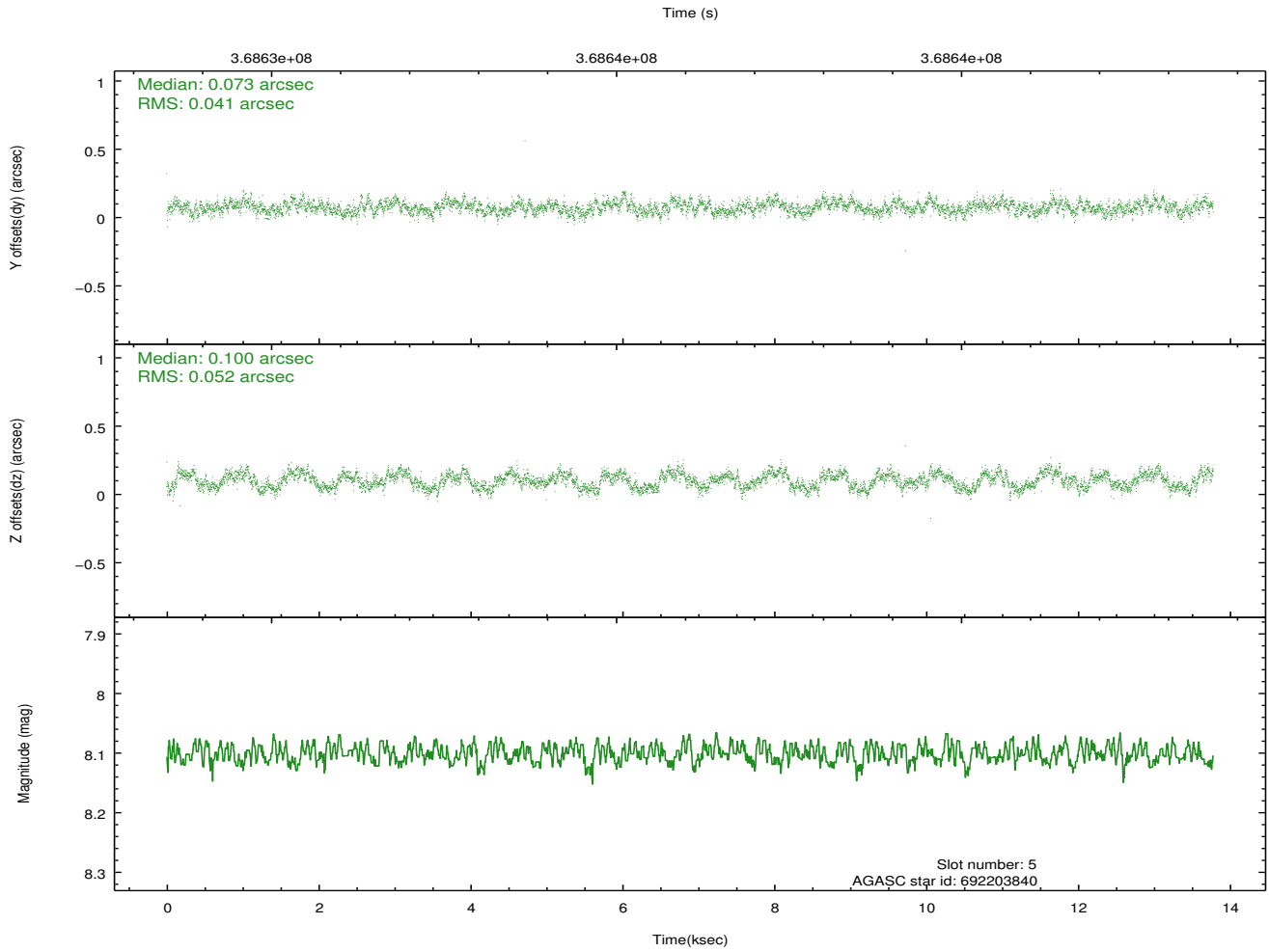
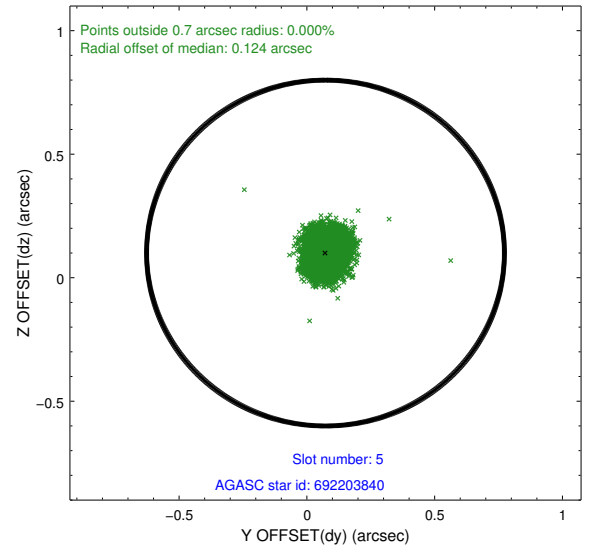
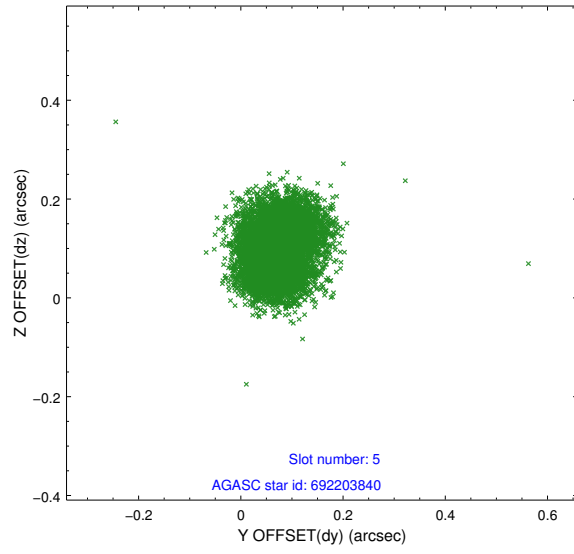
### 2.4.1 Slot 3



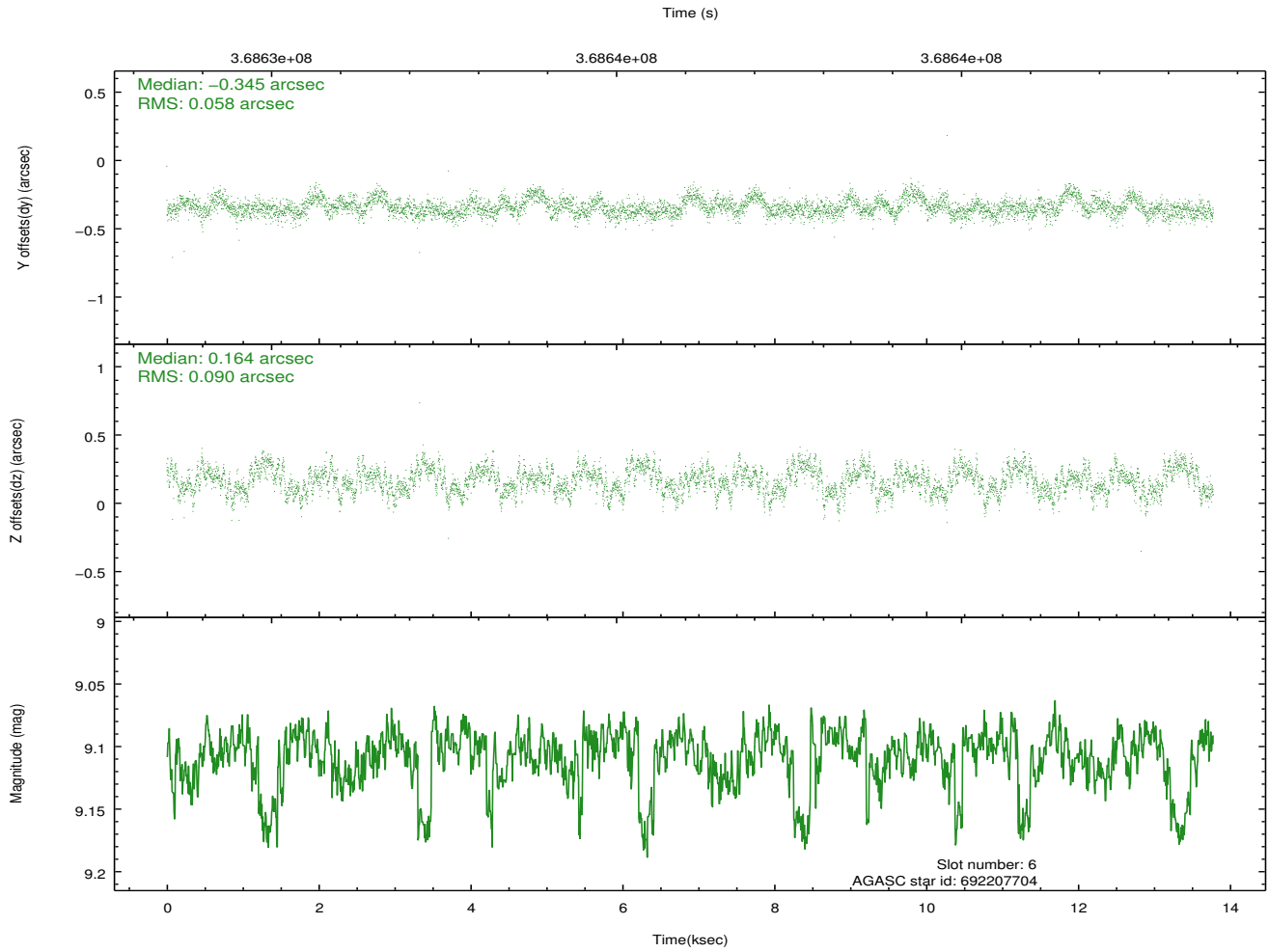
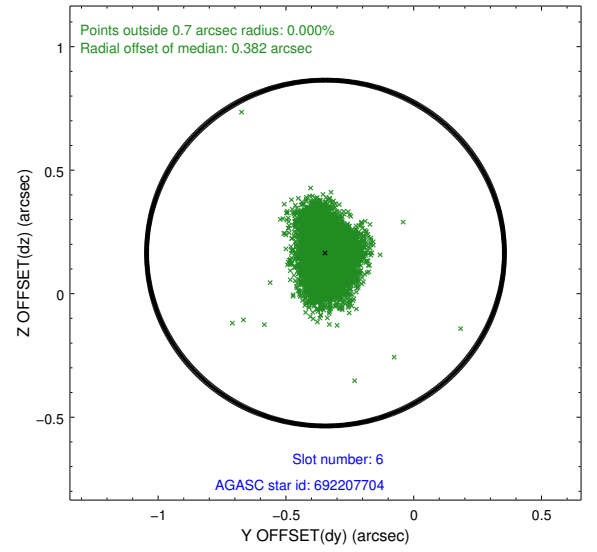
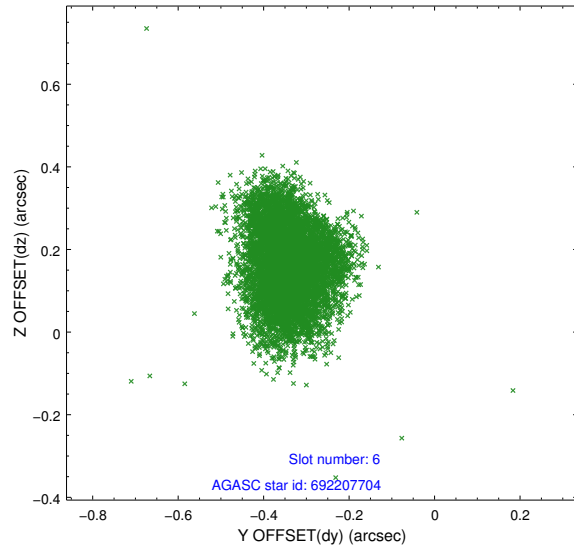
## 2.4.2 Slot 4



### 2.4.3 Slot 5

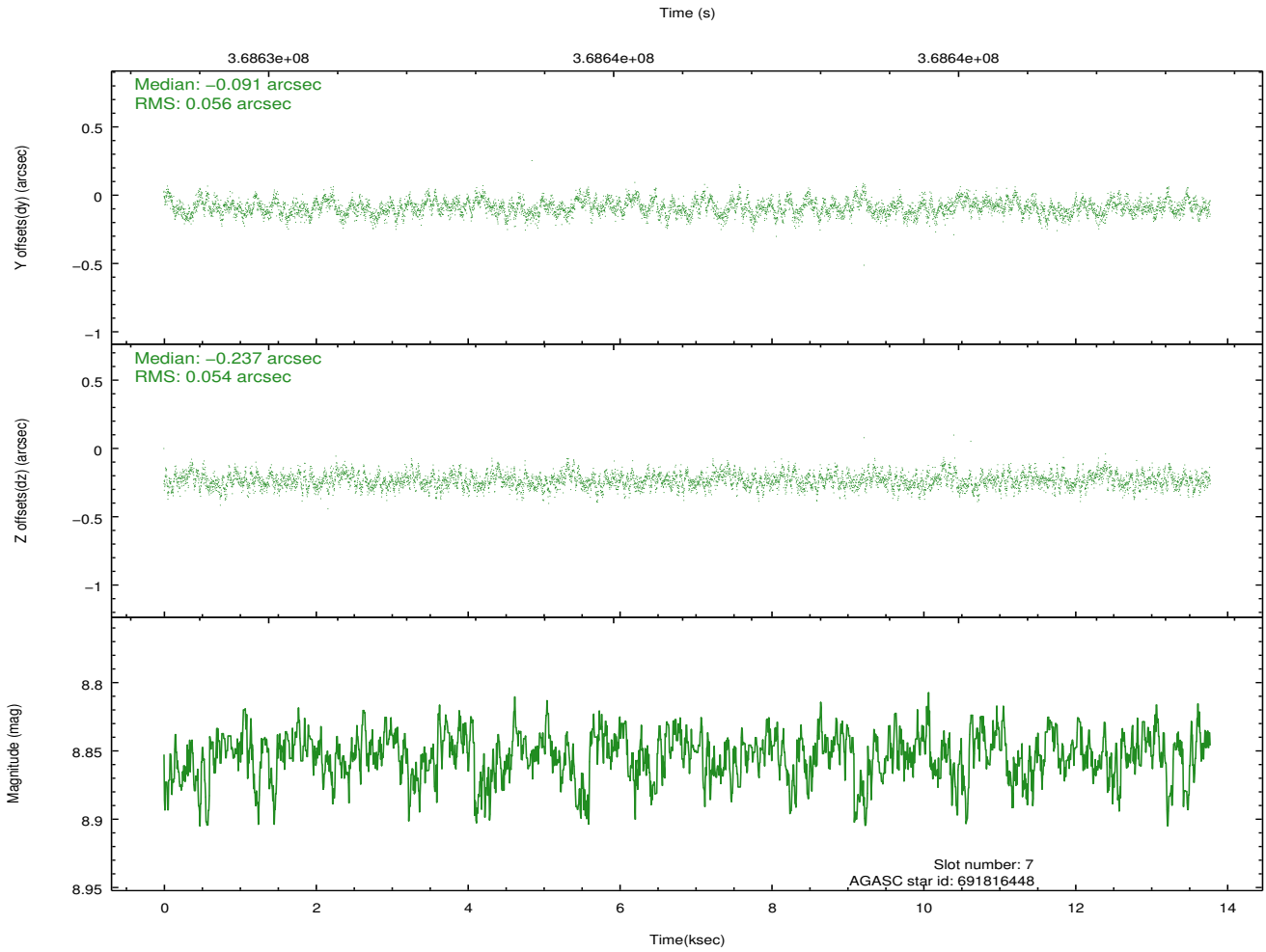
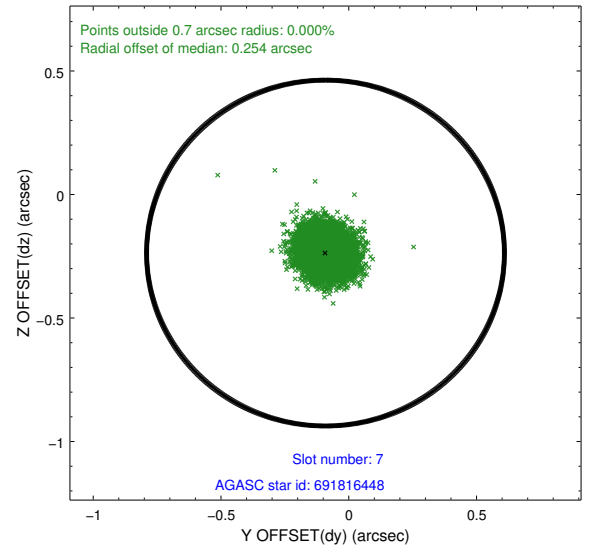
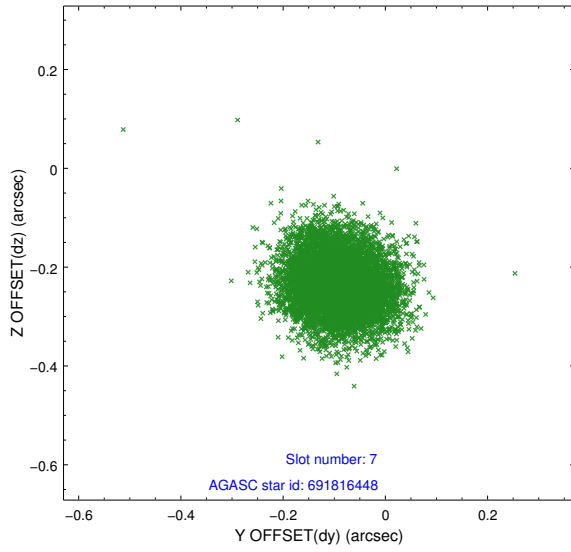


## 2.4.4 Slot 6



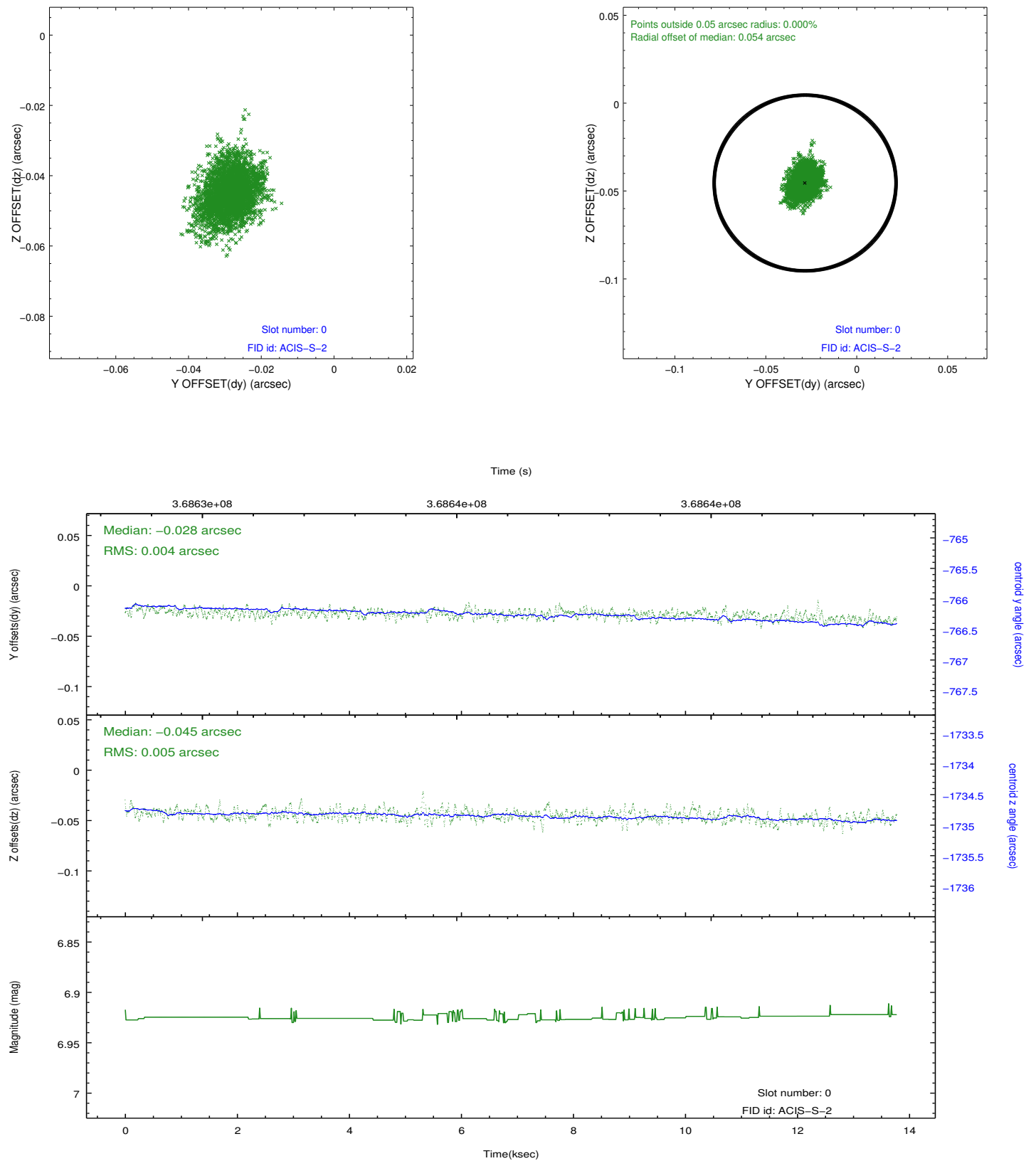


## 2.4.5 Slot 7

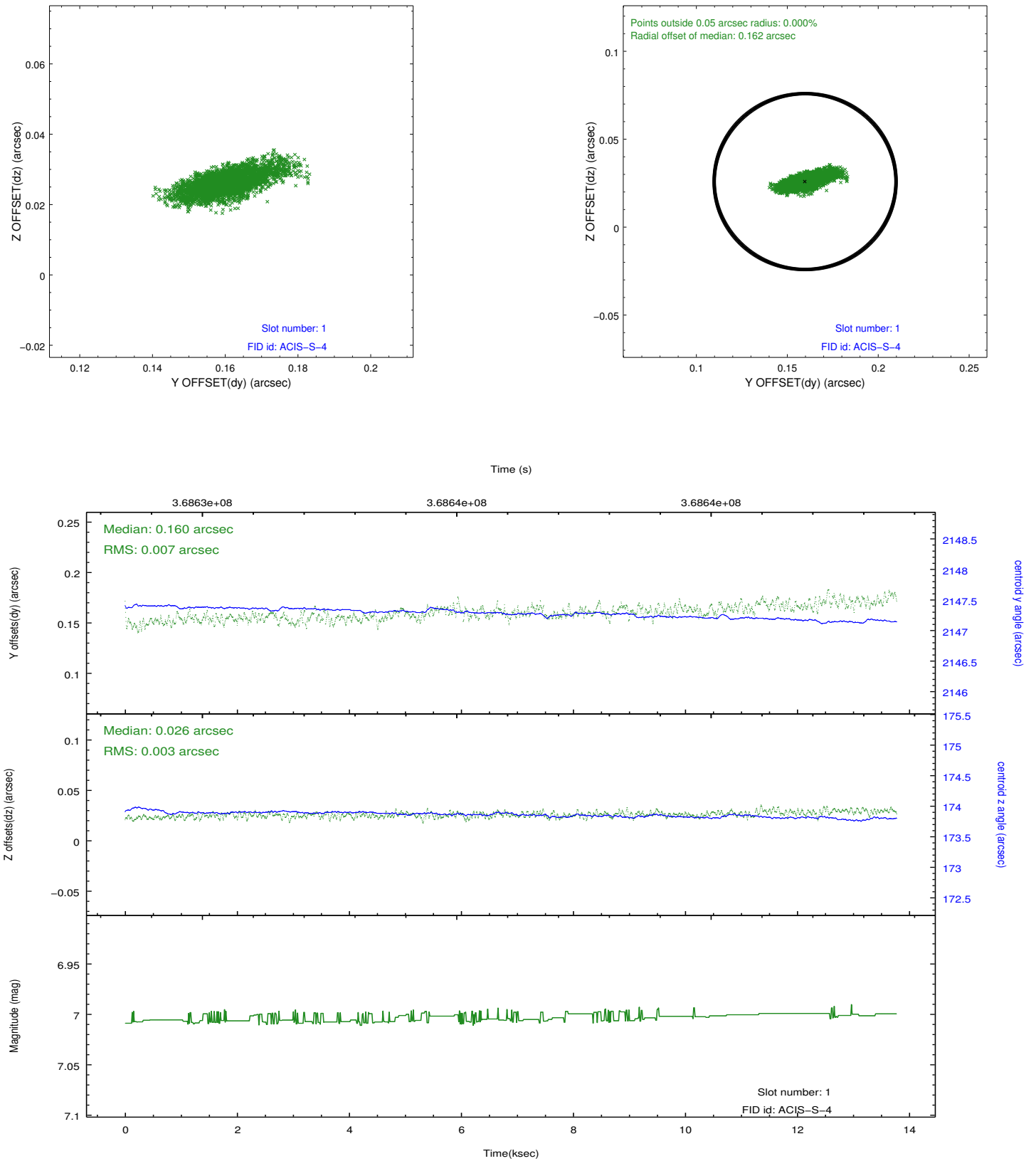


## 2.5 FID Slots

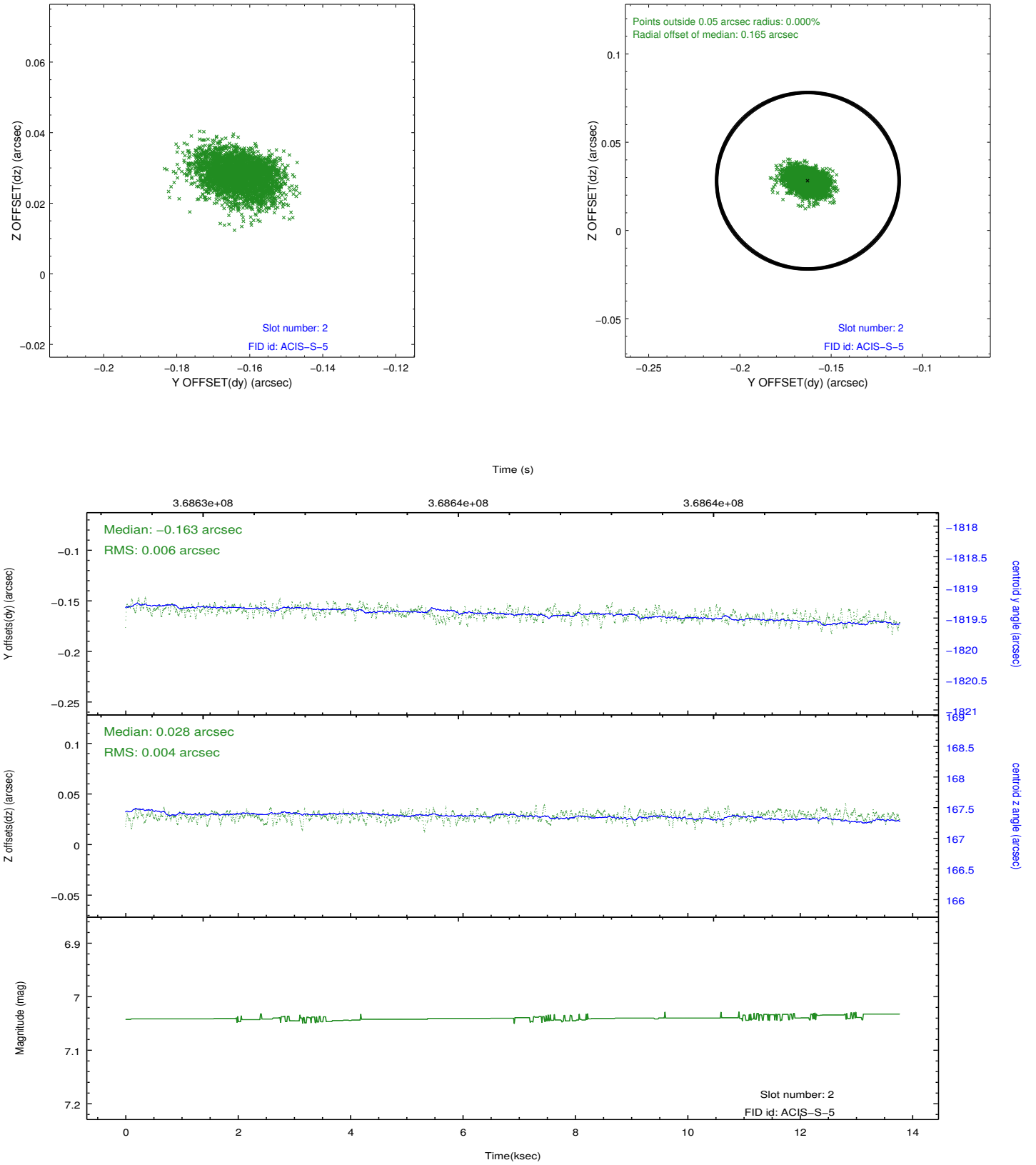
### 2.5.1 Slot 0



## 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)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.776

### A.2 Comments

Joint proposal: HST