

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 11294 - L2 Version 2  
Chandra X-Ray Center

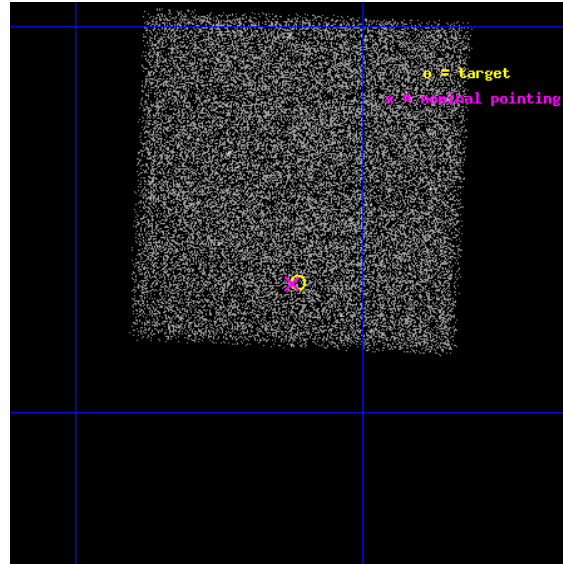
L2 Processing Date : Jun 13 2012

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# 1 Front

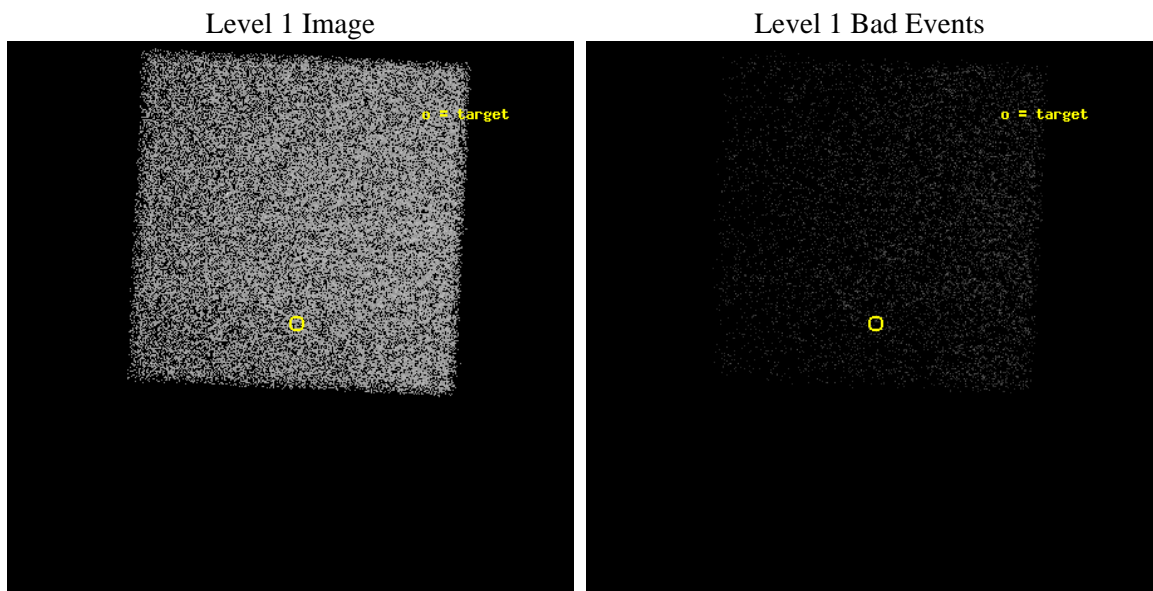
seq_num	600813	Sequence number
obs_id	11294	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	SDSS J223036.79-000636.9	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	337.653333	Observer's specified target RA [deg]
dec_targ	-0.110278	Observer's specified target Dec [deg]
ra_nom	337.65591882497	Nominal RA [deg]
dec_nom	-0.11097840216687	Nominal Dec [deg]
roll_nom	272.57386501903	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7821.0	Sum of GTIs [s]
livetime	7715.4526083182	Livetime [s]
ontime7	7821.0	Sum of GTIs [s]
l2events	34870	Number of level 2 events



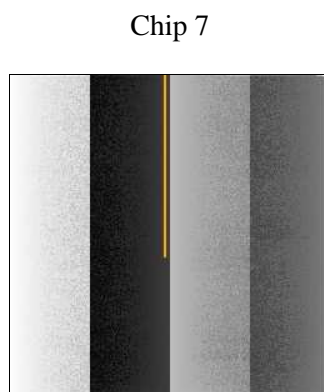
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7657.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7821.0	Sum of GTIs [s]
caldsver	4.4.10	&#160	ontime7	7821.0	Sum of GTIs [s]
date	2012-06-13T19:42:03	Date and time of file creation	l1events	88520	Number of level 1 events
revision	2	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	88520
rejected events	52639
rejected %	59%

	<b>ccd 7</b>
grade 0 events	3959
	4%
grade 1 events	111
	0%
grade 2 events	8307
	9%
grade 3 events	3717
	4%
grade 4 events	3534
	3%
grade 5 events	9324
	10%
grade 6 events	21433
	24%
grade 7 events	38135
	43%

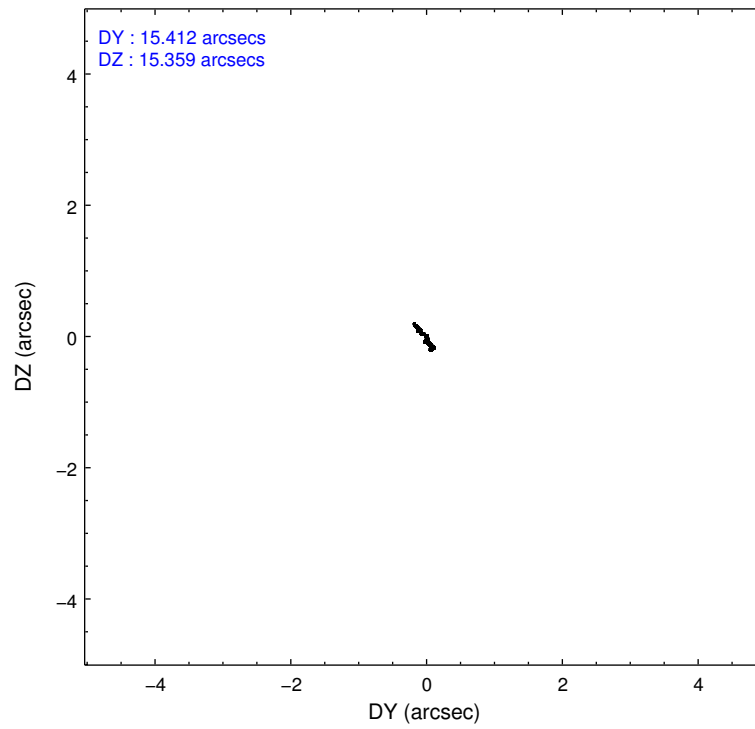
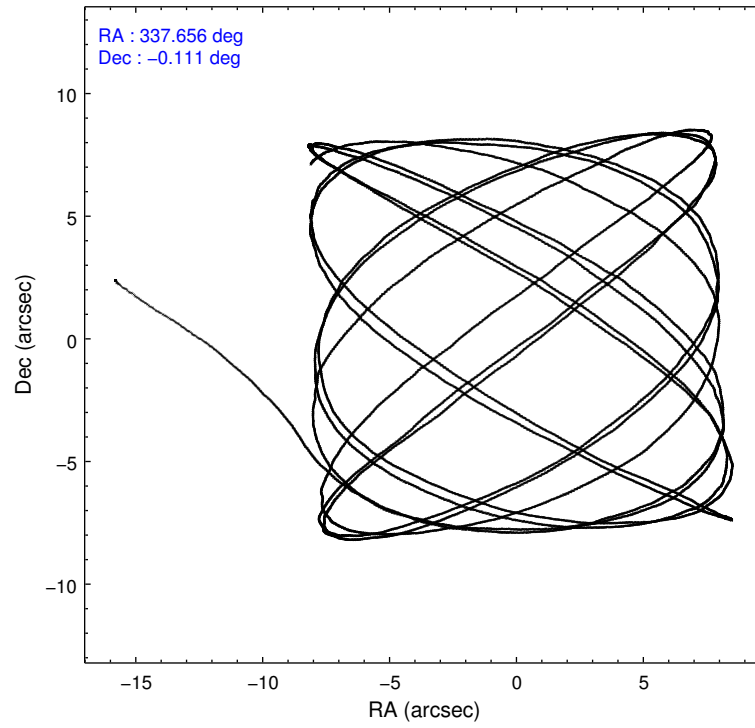


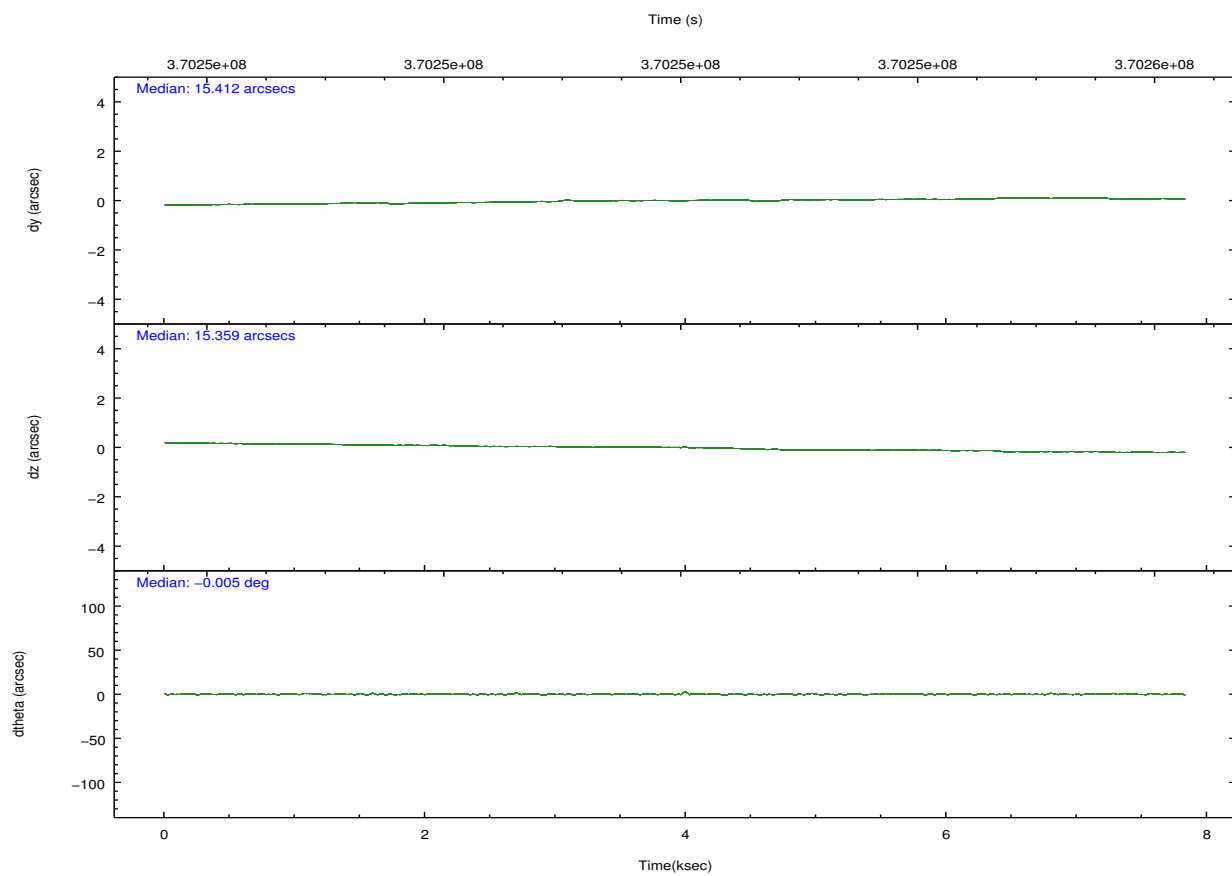
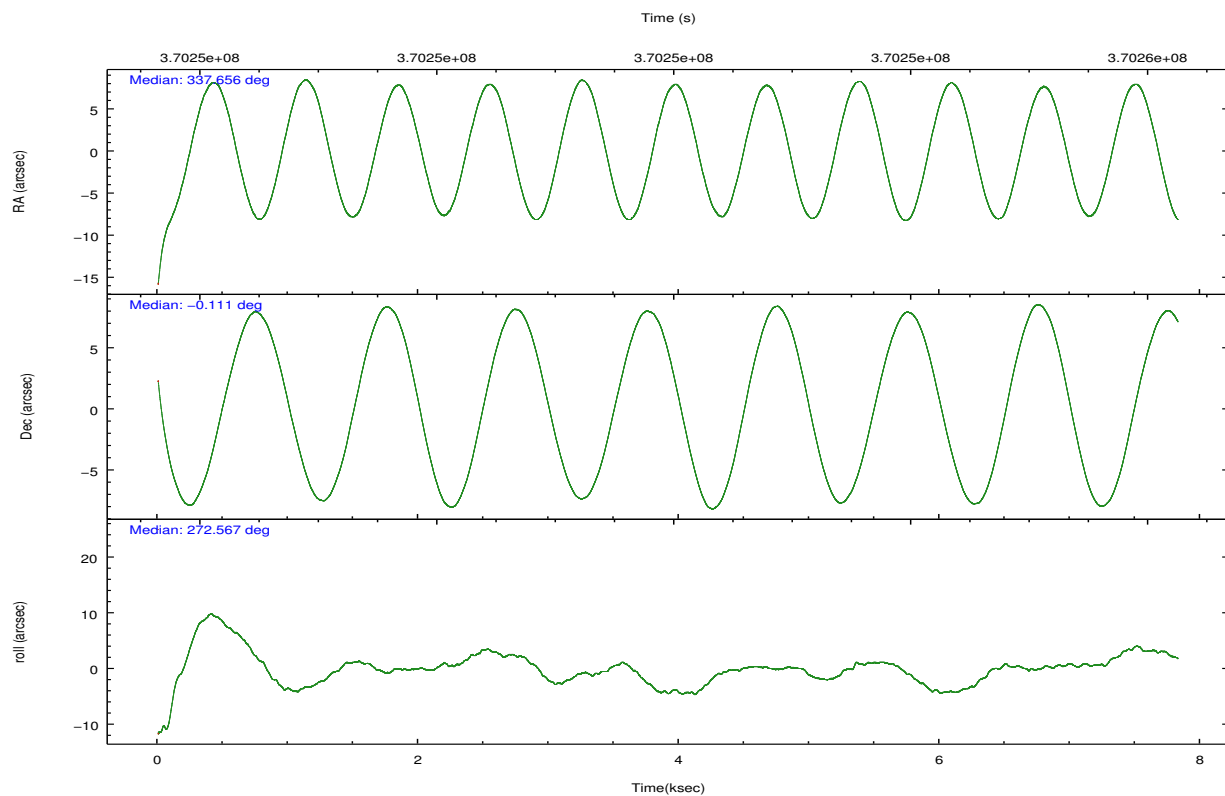
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	337.640892	337.6559188249693
[deg] Pointing Dec	-0.088119	-0.1109784021668666
[deg] Pointing Roll	272.417204	272.5738650190337
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1425803651734
[mm] SIM translation stage offset	0	0.01005778216563158
[s] Observation start time (MET)	370248210.184000	370246936.14854
Observation start date	2009-09-25T06:42:24	2009-09-25T06:22:16
[s] Observation end time (MET)	370255867.184000	370256109.3865
Observation end date	2009-09-25T08:50:01	2009-09-25T08:55:09
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3

## 2.3 Aspect



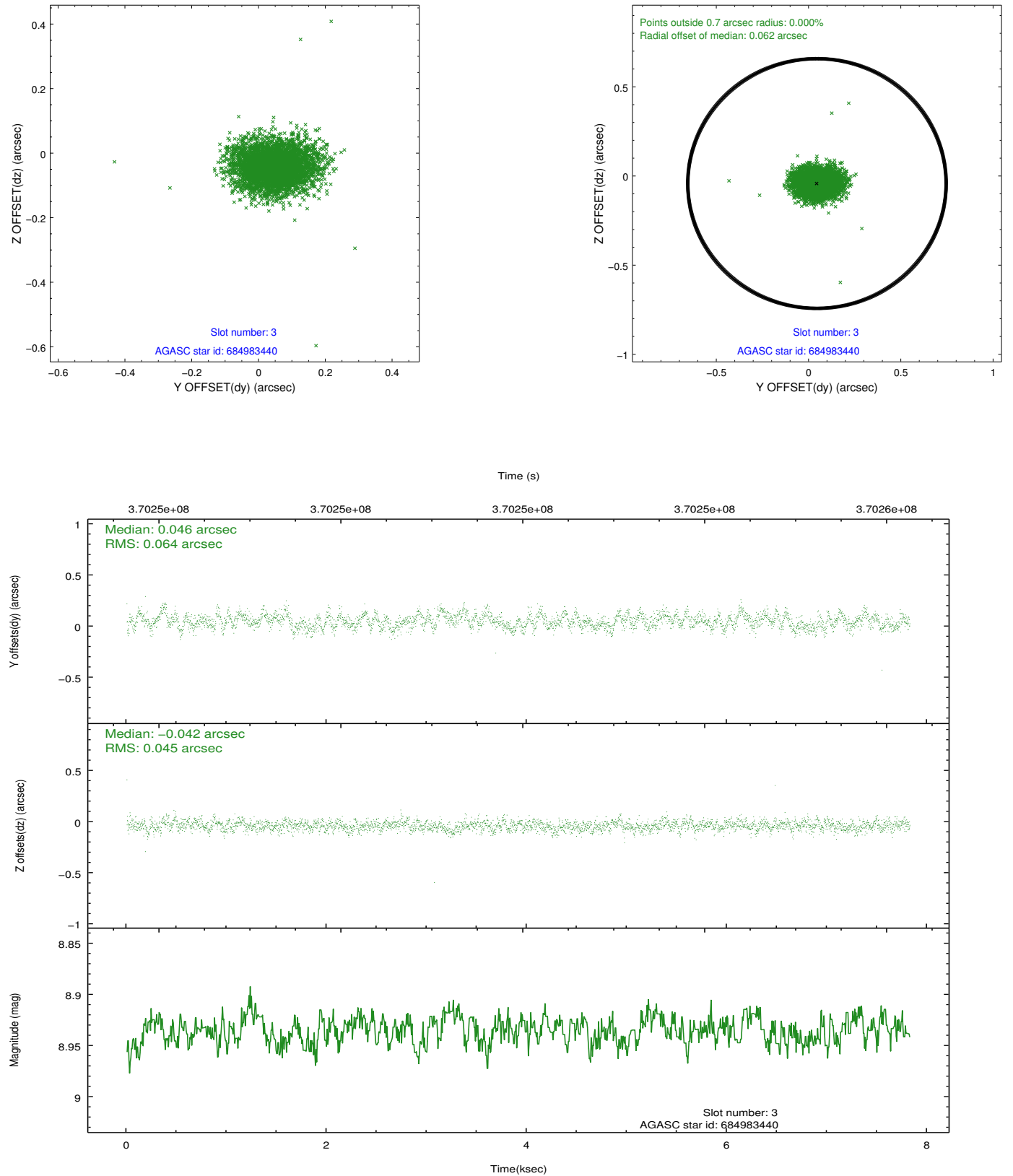


### Slot Statistics

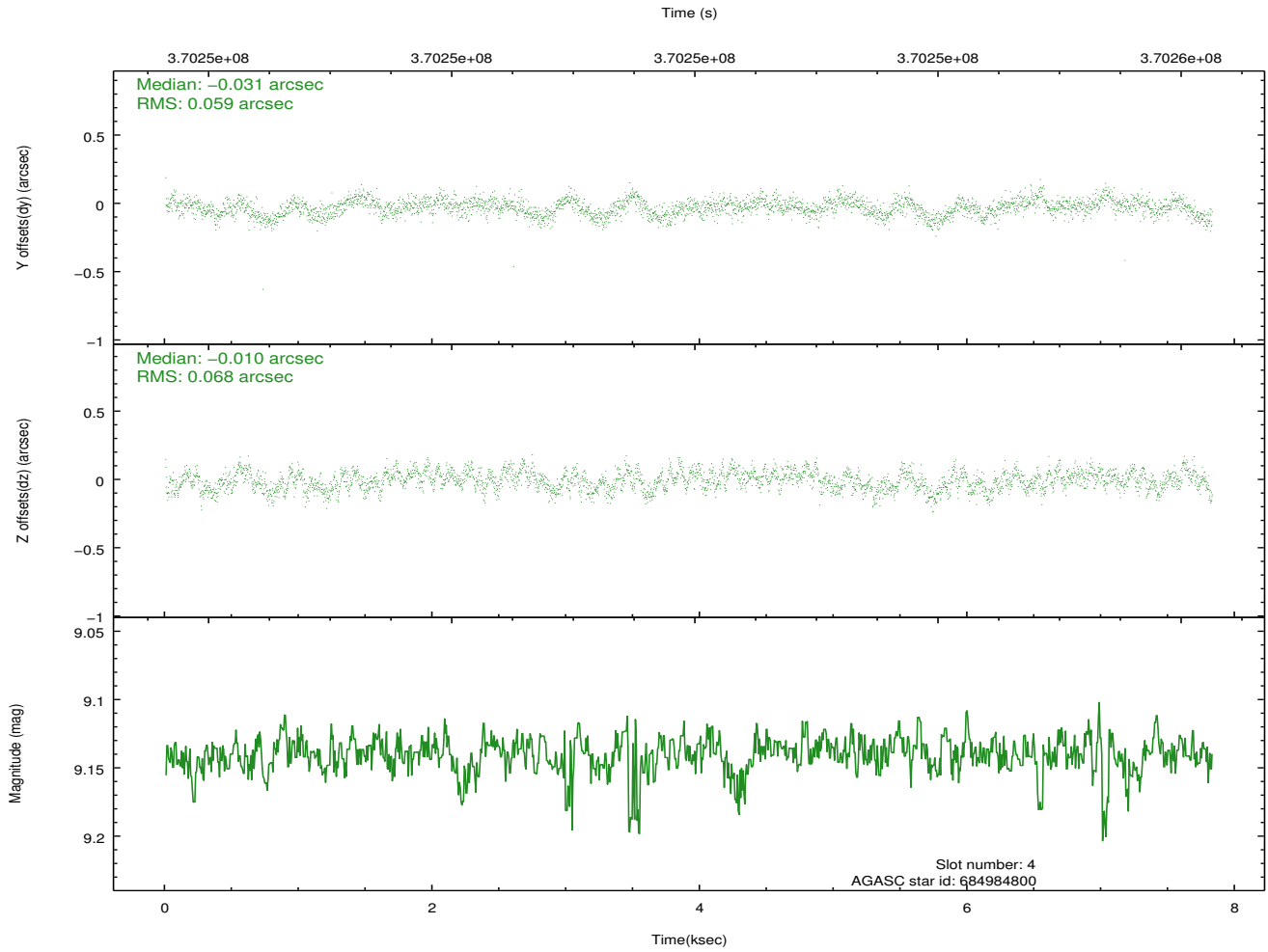
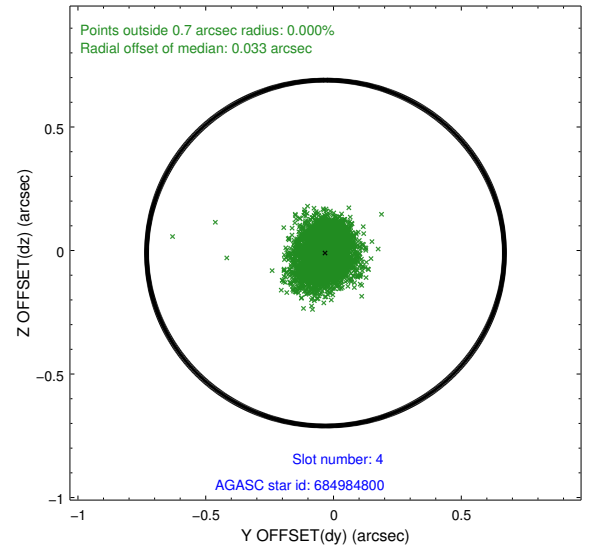
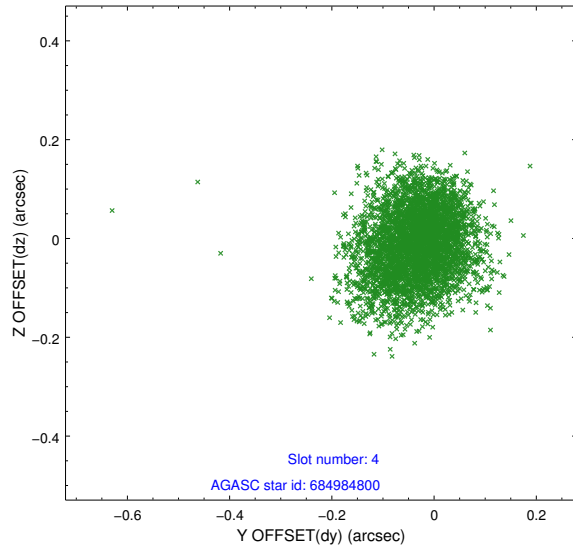
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1909	-0.096	-0.018	0.007	0.012	0.000000	0.000000	-768.45	-1736.70
1	FID	ACIS-S-4	6.96	1909	0.187	0.051	0.006	0.011	0.000000	0.000000	2144.76	171.13
2	FID	ACIS-S-5	6.99	1909	-0.123	-0.024	0.007	0.011	0.000000	0.000000	-1820.42	165.51
3	GUIDE	684983440	8.94	3816	0.046	-0.042	0.080	0.134	337.472928	-0.665999	2053.68	-691.38
4	GUIDE	684984800	9.14	3815	-0.031	-0.010	0.096	0.154	337.285331	-0.128831	93.47	-1285.17
5	GUIDE	684987248	8.81	3817	-0.001	-0.053	0.071	0.114	337.323354	-0.403857	1088.14	-1190.37
6	GUIDE	685912960	7.40	3818	-0.117	0.076	0.058	0.097	337.593450	-0.737017	2327.57	-268.79
7	GUIDE	685915776	9.21	3814	0.112	0.033	0.103	0.169	337.726480	-0.462730	1361.44	251.16

## 2.4 Star Slots

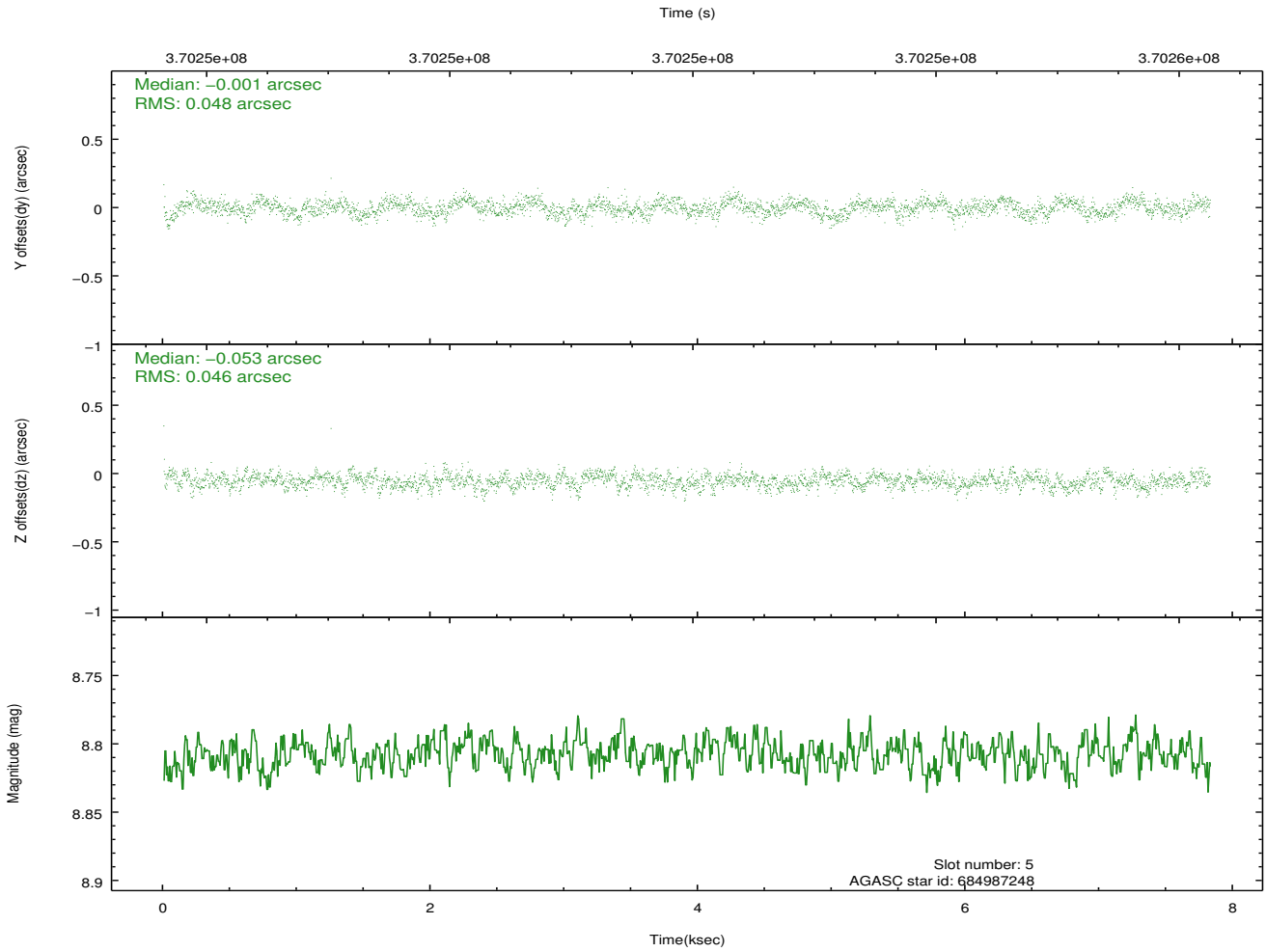
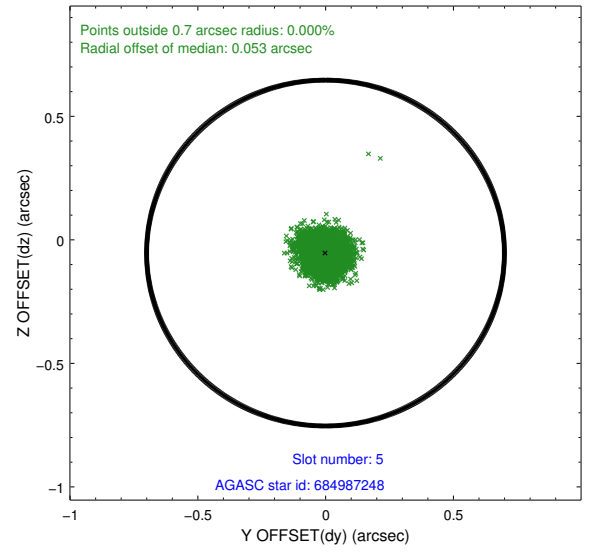
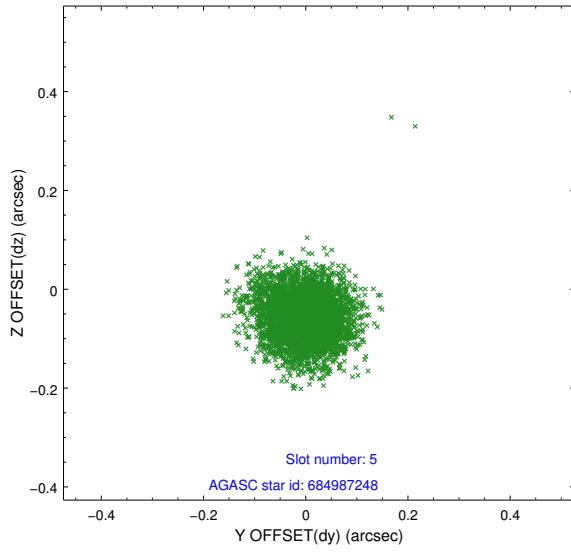
### 2.4.1 Slot 3



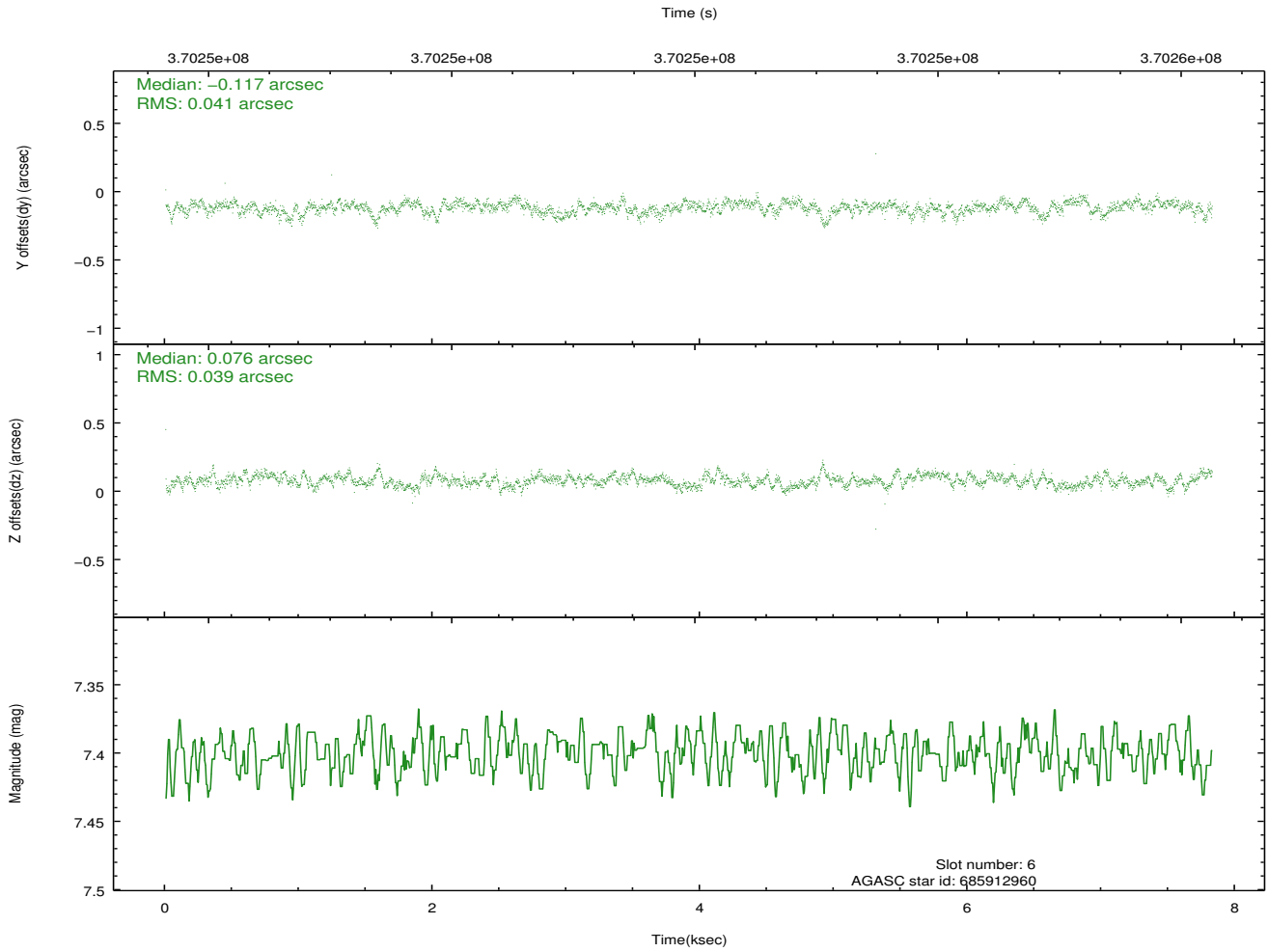
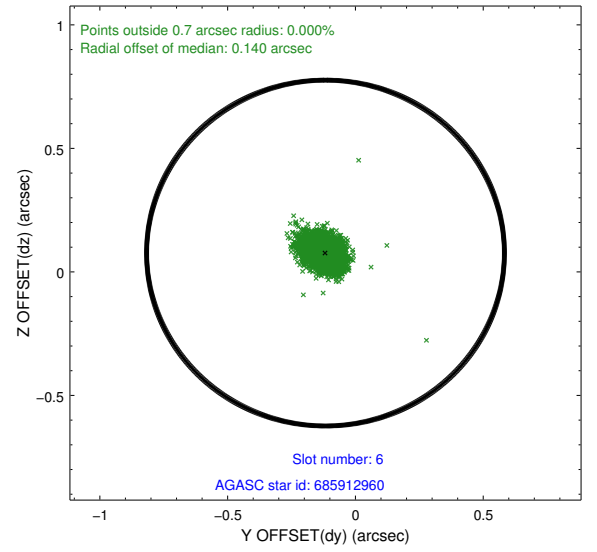
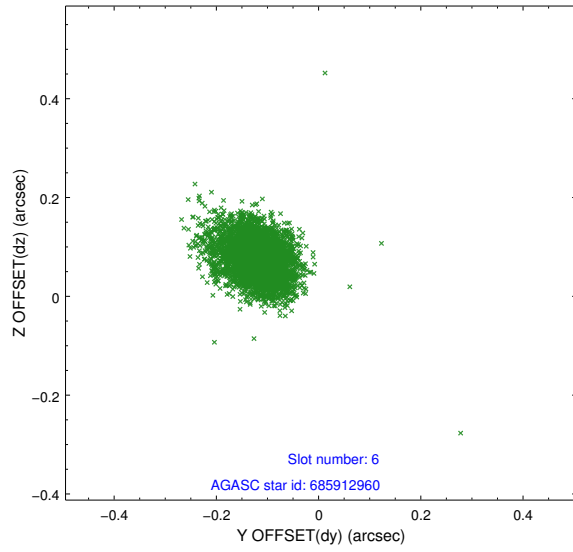
## 2.4.2 Slot 4



### 2.4.3 Slot 5

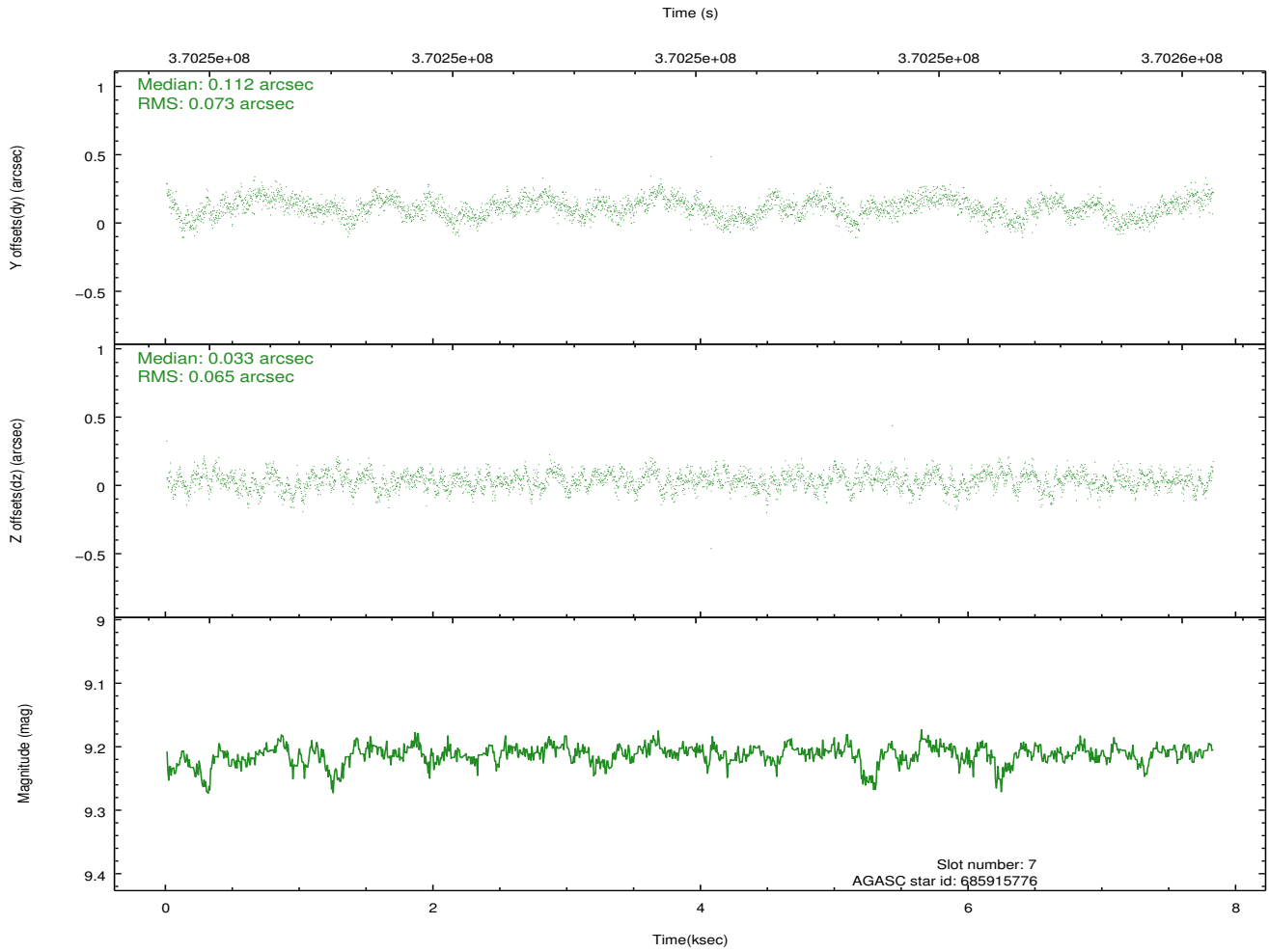
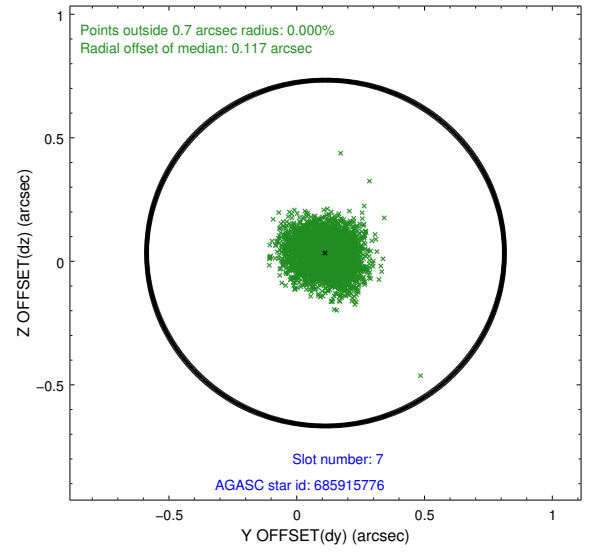
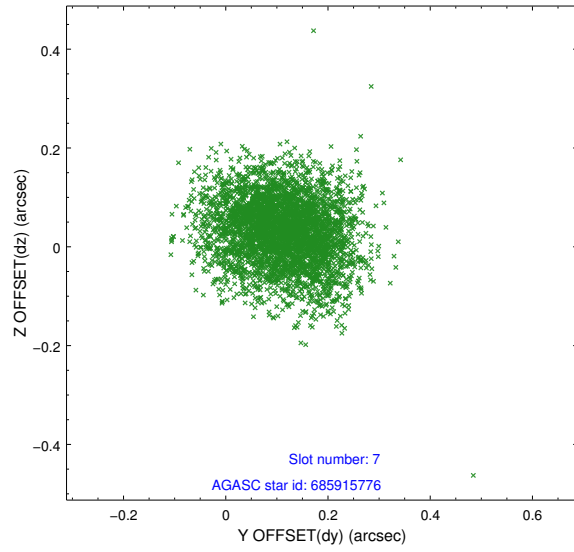


## 2.4.4 Slot 6



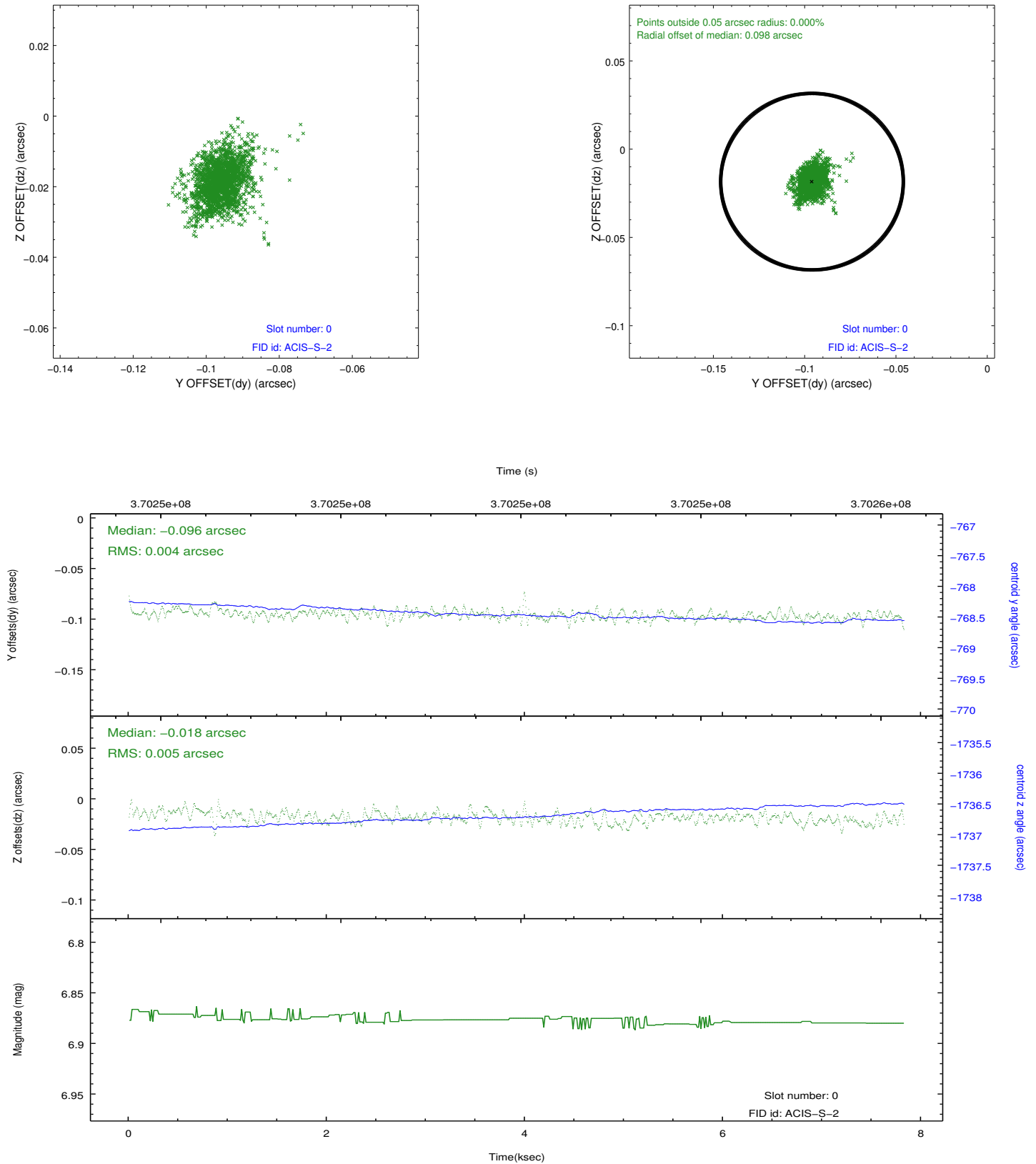


## 2.4.5 Slot 7

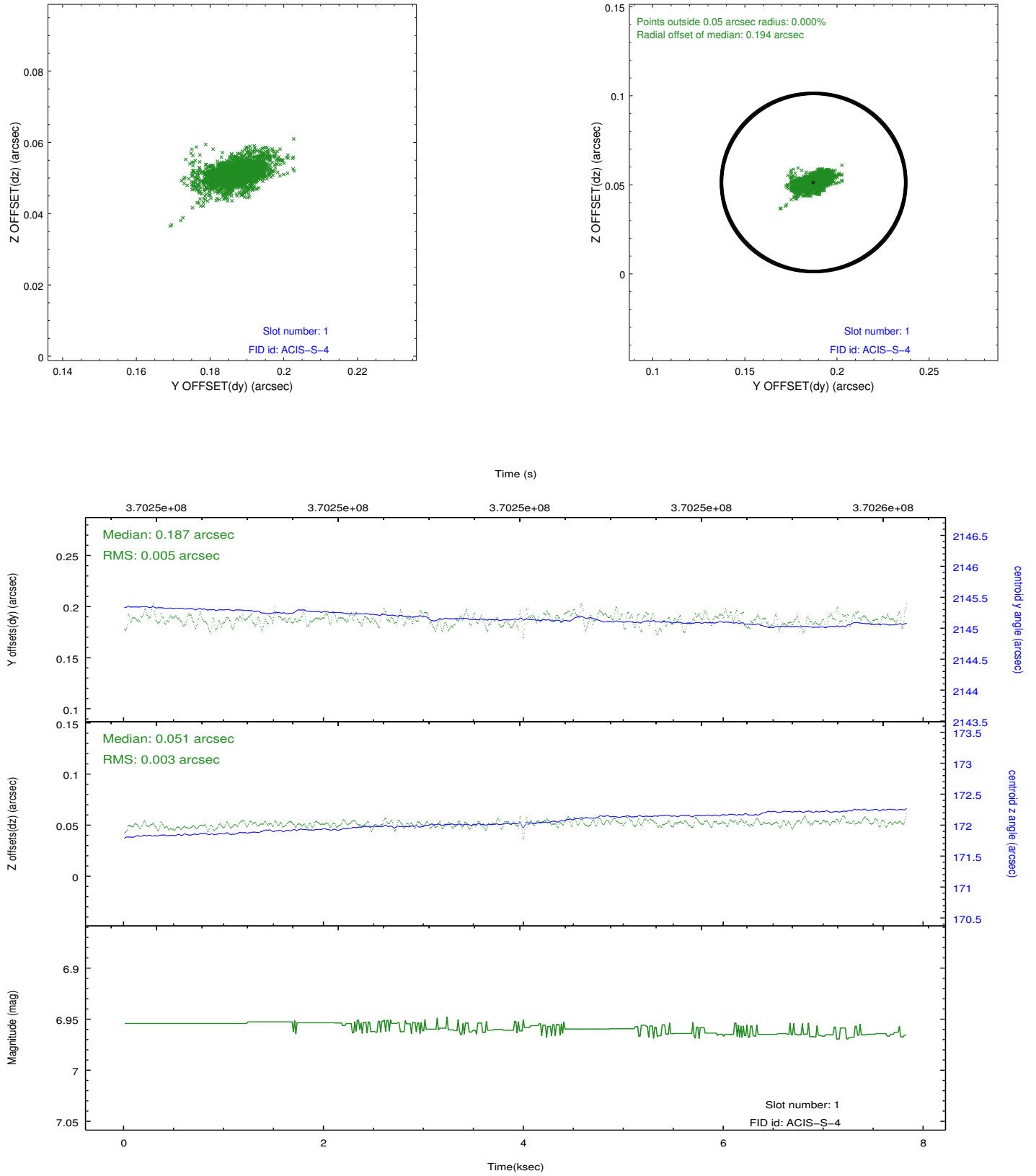


## 2.5 FID Slots

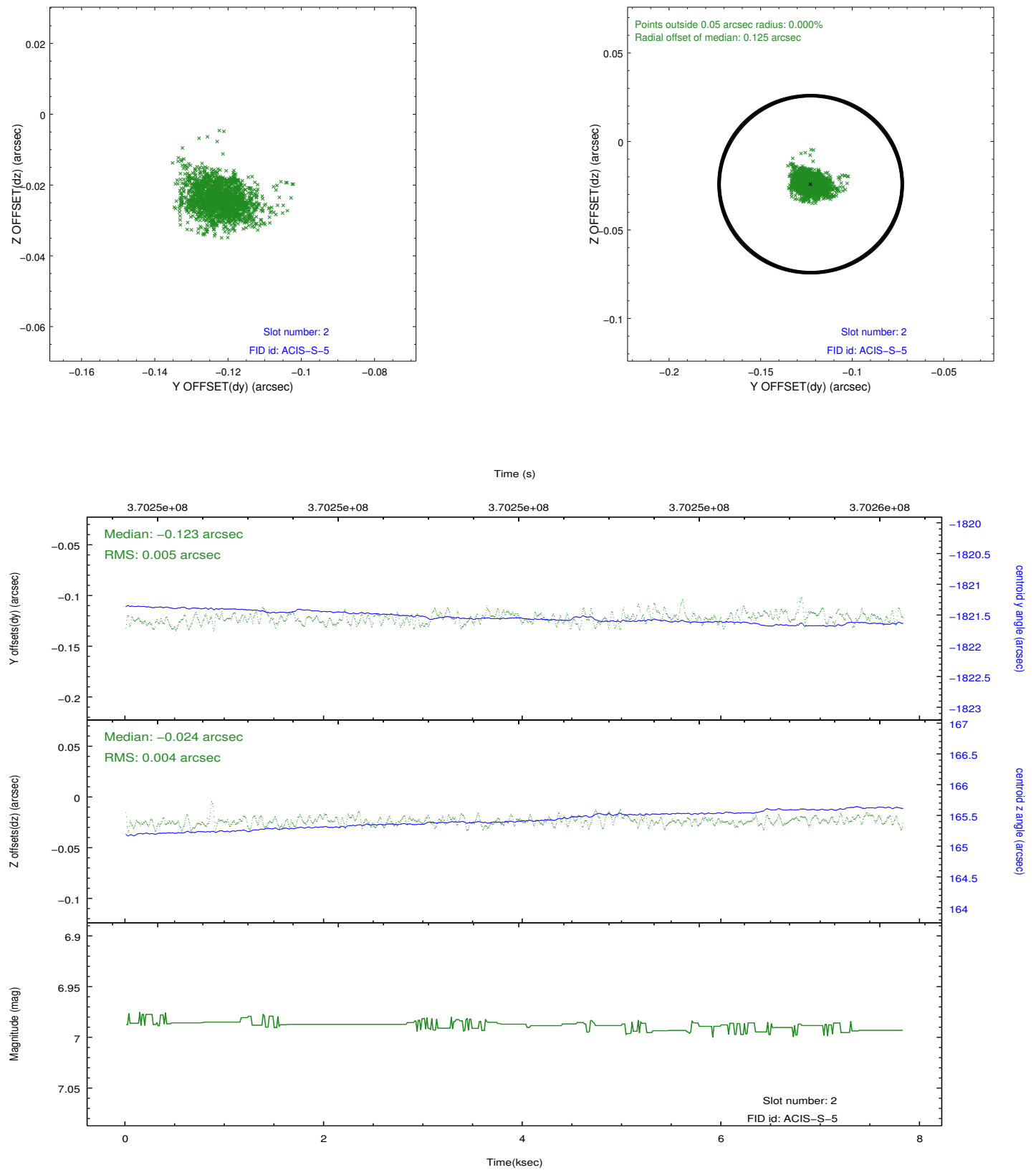
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.821

## A.2 Comments

Joint proposal with HST.