

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8311 - L2 Version 4
Chandra X-Ray Center

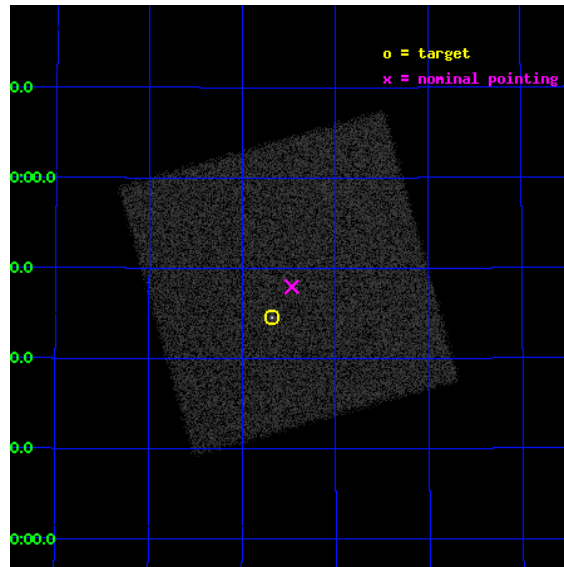
L2 Processing Date : Aug 11 2012

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1 Front

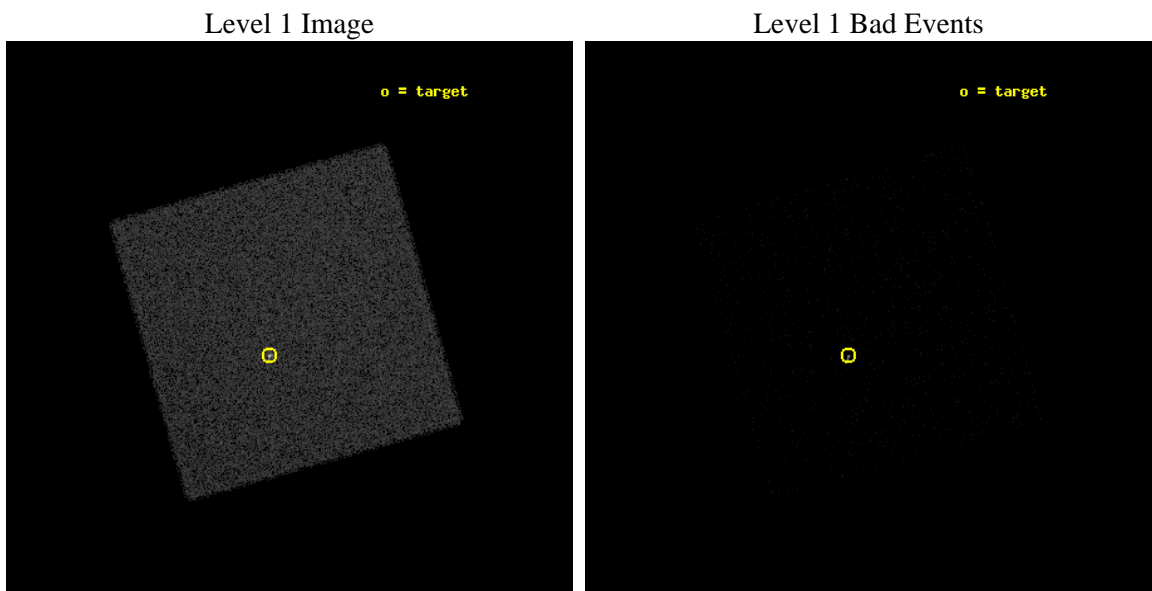
seq_num	290690	Sequence number
obs_id	8311	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11684835303	Nominal RA [deg]
dec_nom	45.799282578878	Nominal Dec [deg]
roll_nom	209.25788657662	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.1813069582	[s]
livetime	1173.7935201966	Ontime multiplied by DTCOR
l2events	73303	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1186.1813069582	[s]
caldbver	4.5.1.1	 	l1events	136080	Number of level 1 events
date	2012-08-12T01:47:56	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

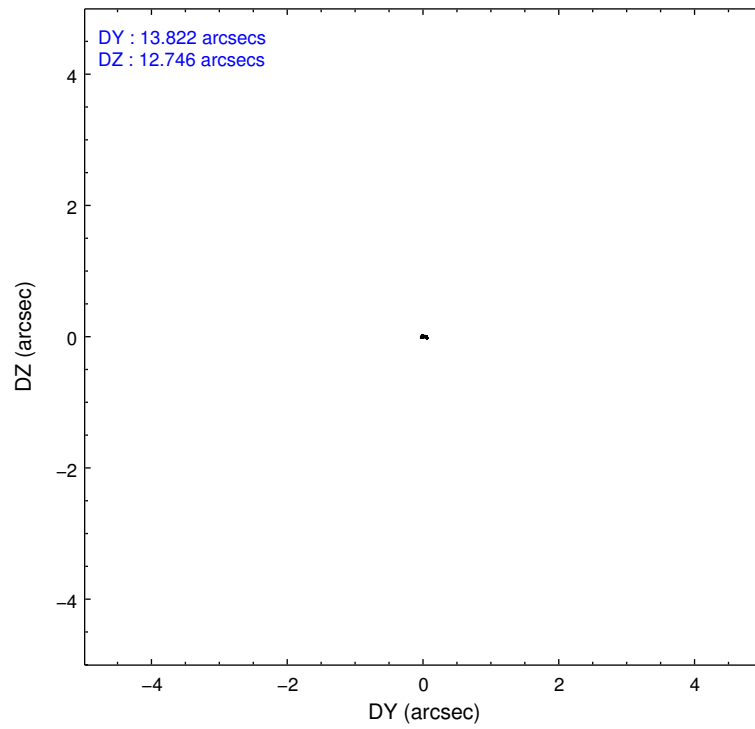
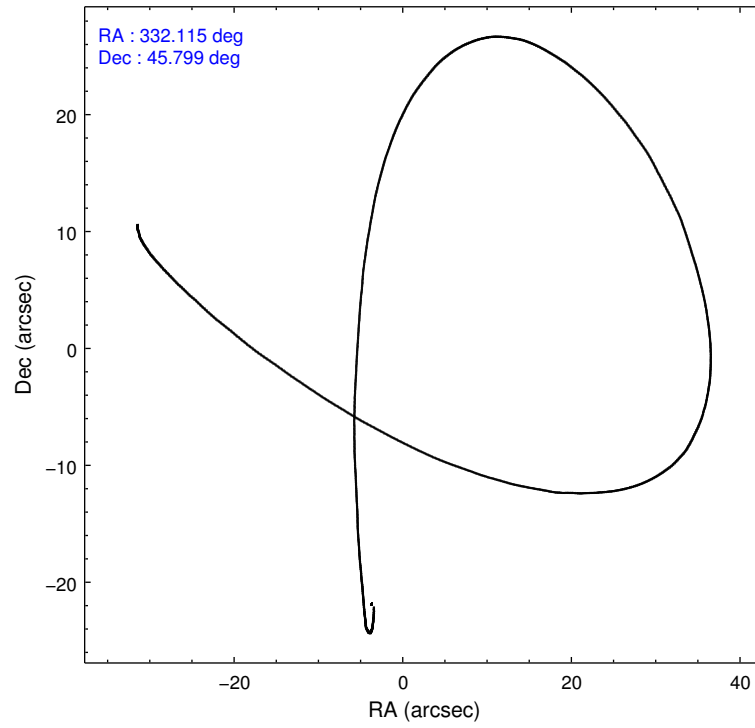
	segment 0
level 1 events	136080
rejected events	29155
rejected %	21%

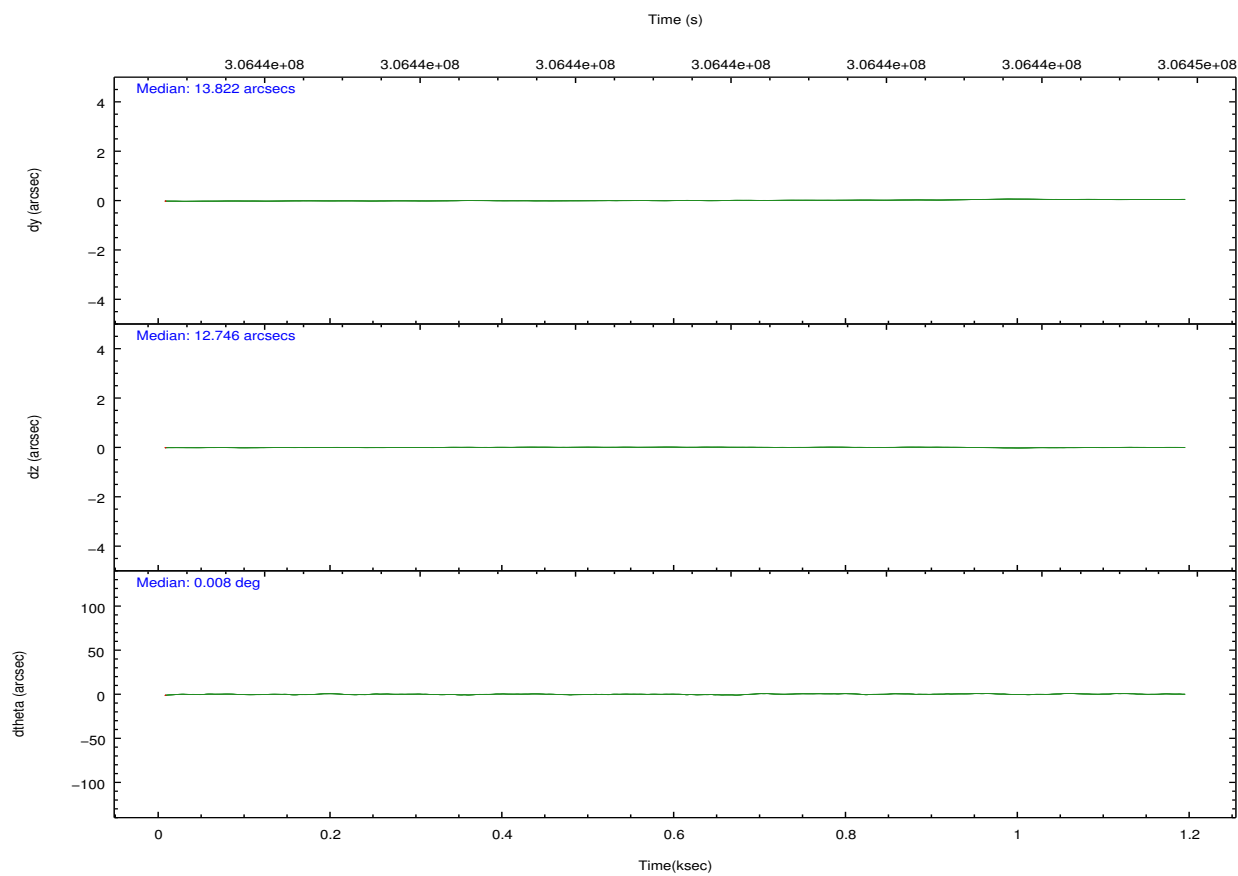
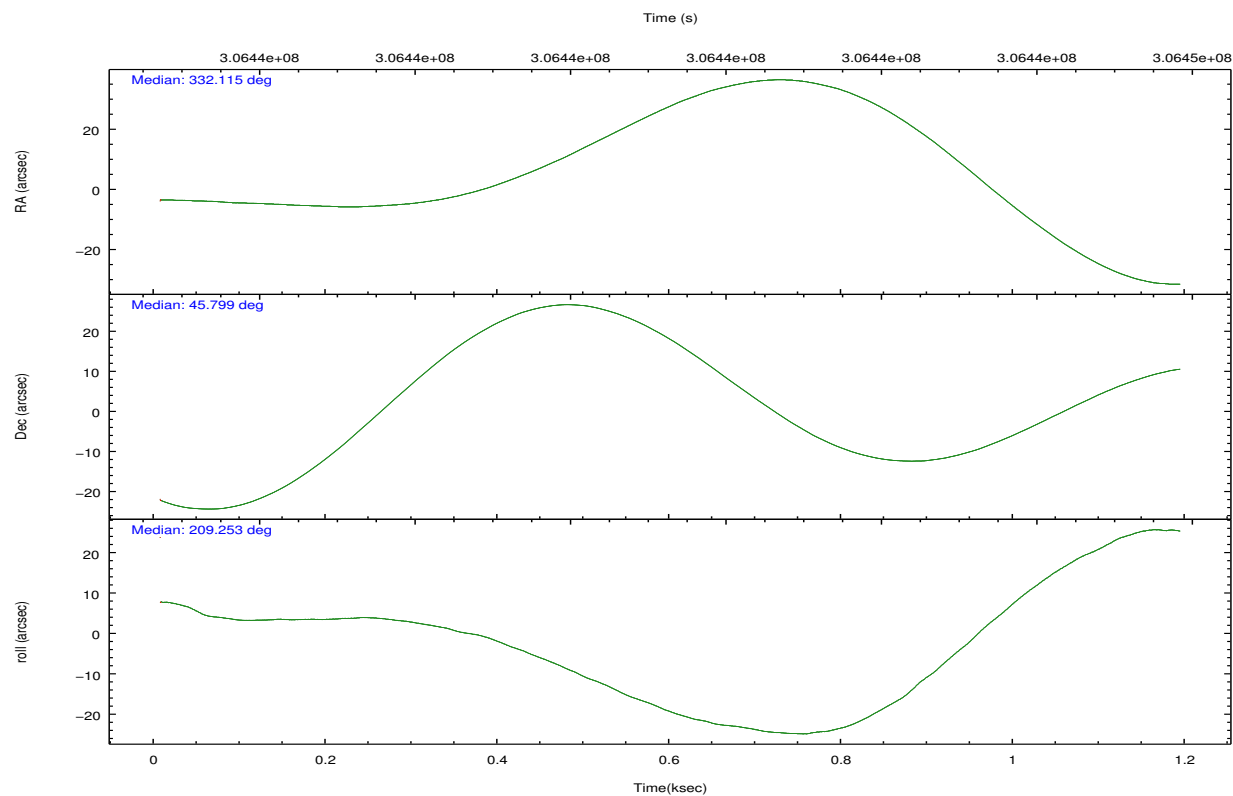
2.2 Compared Parameters

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	332.136344	332.1168483530328
[deg] Pointing Dec	45.823554	45.79928257887831
[deg] Pointing Roll	209.339383	209.2578865766233
[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)	306444132.184000	306443756.18913
Observation start date	2007-09-17T19:21:07	2007-09-17T19:15:56
[s] Observation end time (MET)	306445132.184000	306445266.0142
Observation end date	2007-09-17T19:37:47	2007-09-17T19:41:06

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

2.3 Aspect



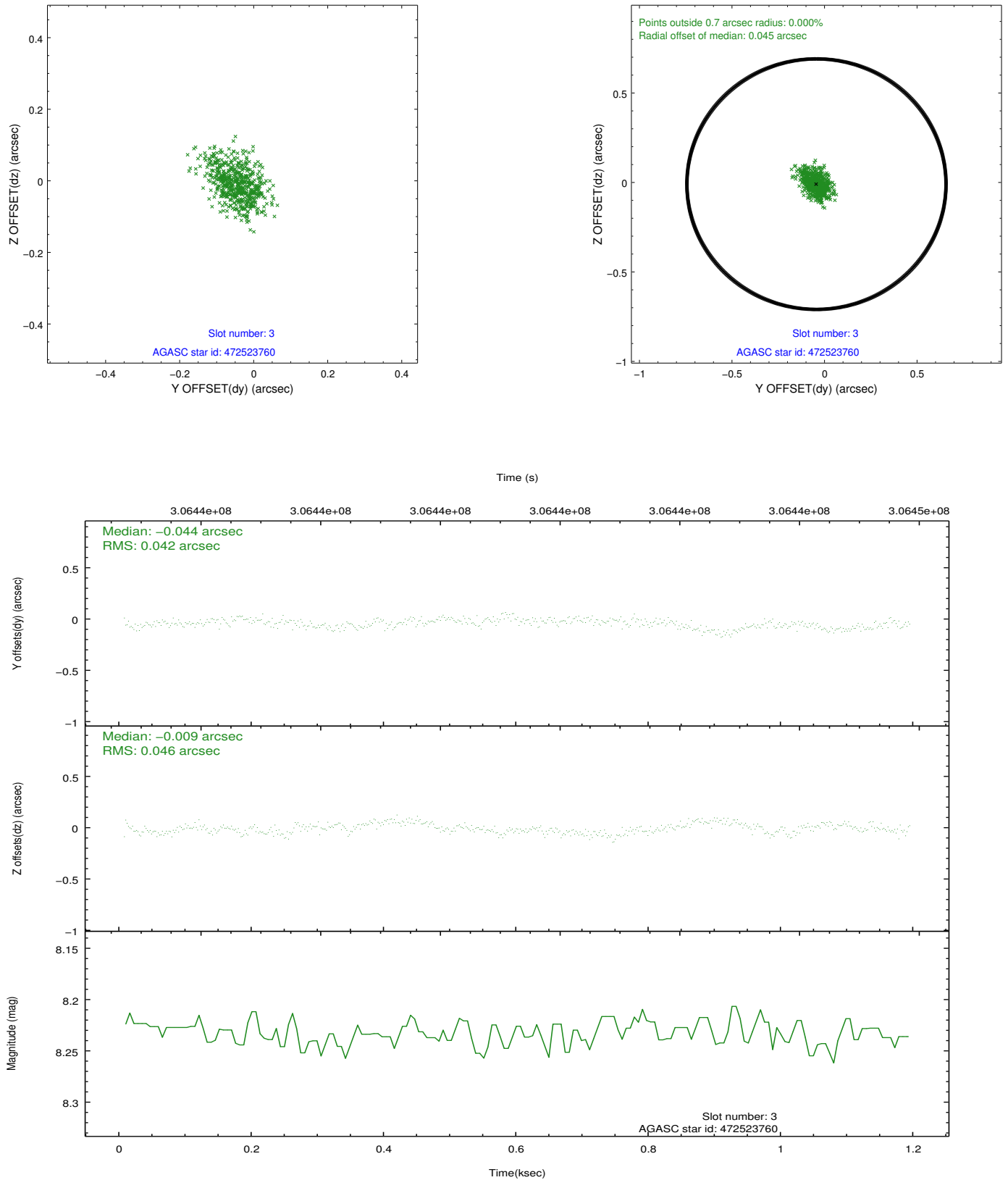


Slot Statistics

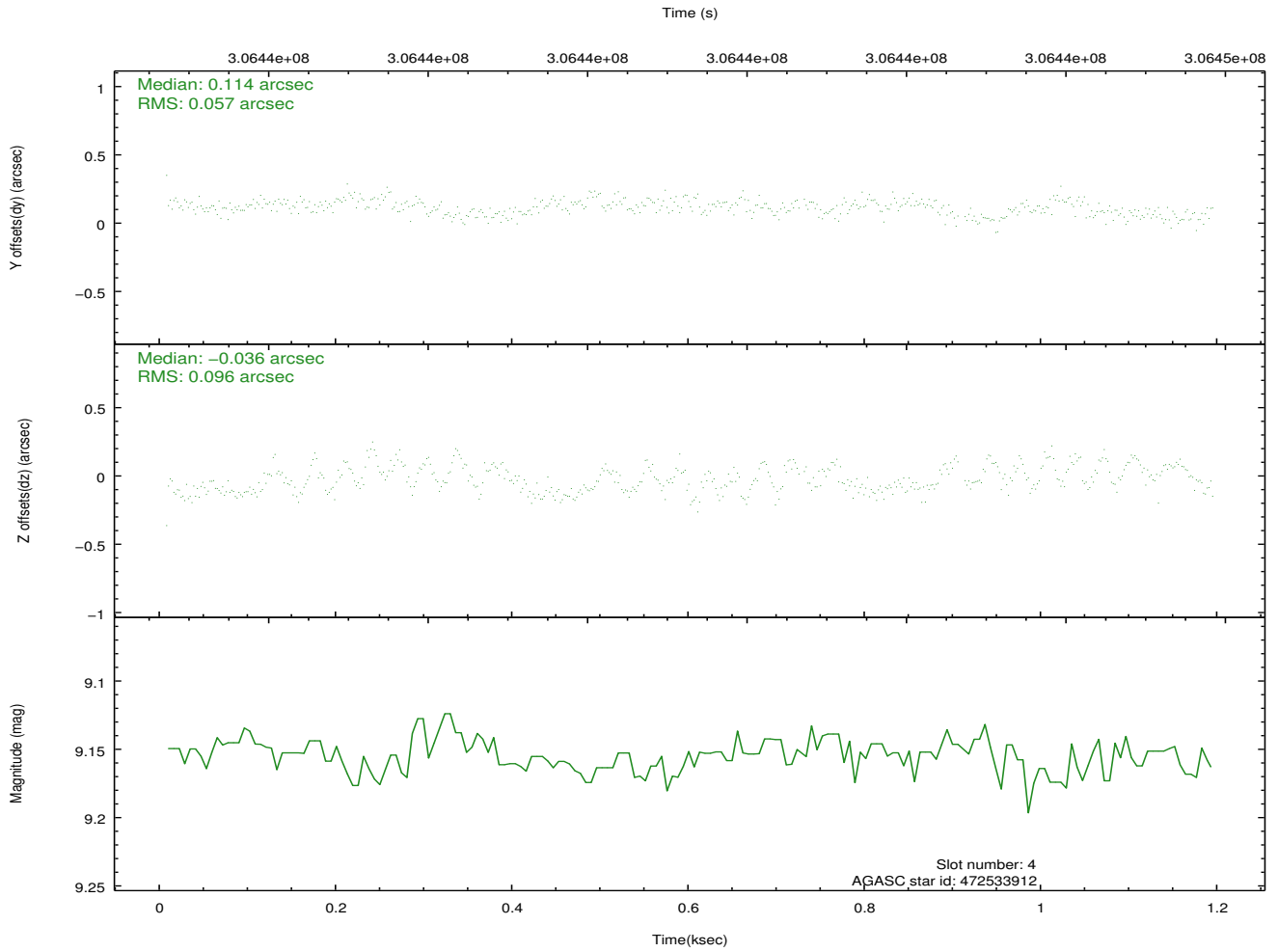
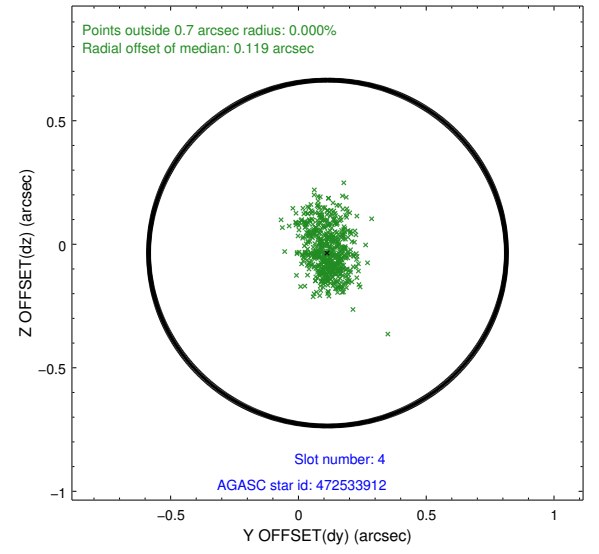
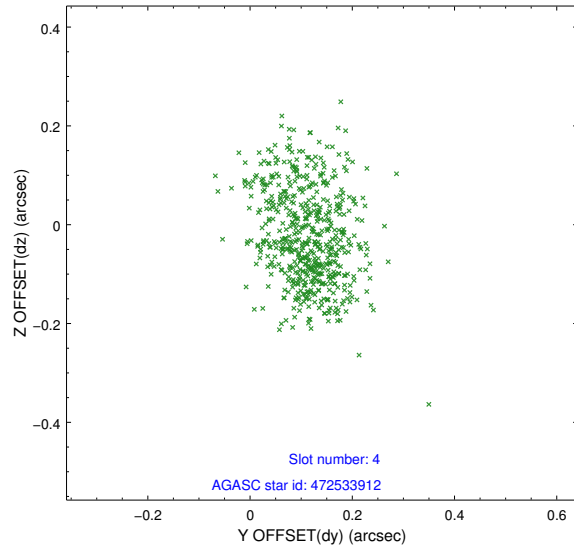
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	290	-0.061	0.032	0.006	0.010	0.000000	0.000000	-769.66	-1300.78
1	FID	HRC-I-2	7.02	290	0.243	-0.160	0.005	0.009	0.000000	0.000000	840.62	-1307.03
2	FID	HRC-I-3	7.07	290	-0.063	0.039	0.005	0.009	0.000000	0.000000	-1195.25	999.28
3	GUIDE	472523760	8.23	580	-0.044	-0.009	0.066	0.107	331.645363	45.403260	1820.01	706.65
4	GUIDE	472533912	9.15	575	0.114	-0.036	0.118	0.189	331.791136	46.368695	-212.87	-2132.39
5	GUIDE	472535576	7.86	580	-0.190	0.150	0.063	0.112	331.438373	46.291802	682.23	-2331.42
6	GUIDE	472655152	9.41	579	0.008	-0.146	0.136	0.224	332.504239	45.862991	-874.81	321.00
7	GUIDE	472665256	9.01	579	0.114	0.048	0.080	0.130	332.808125	46.195041	-2120.69	-352.49

2.4 Star Slots

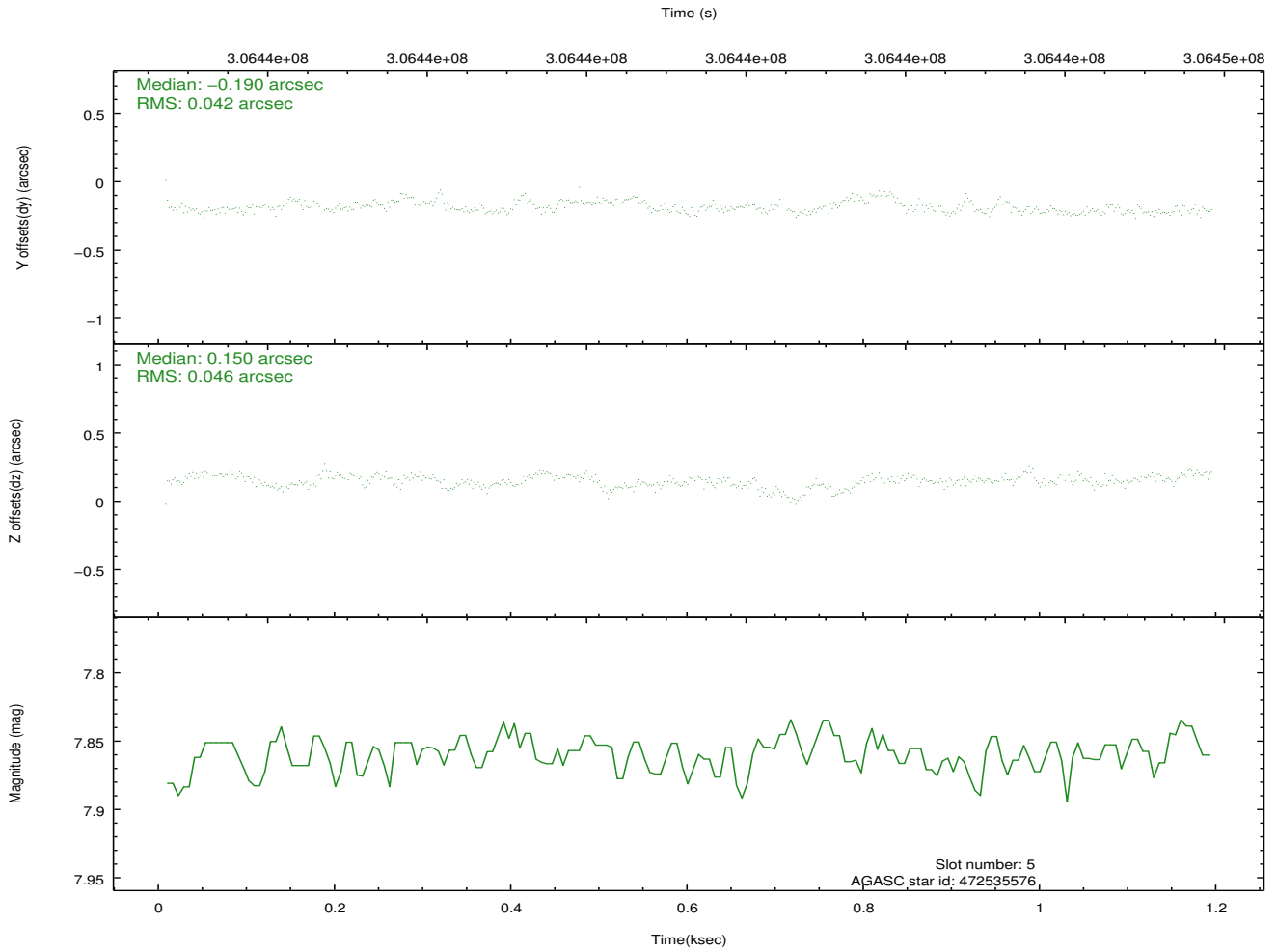
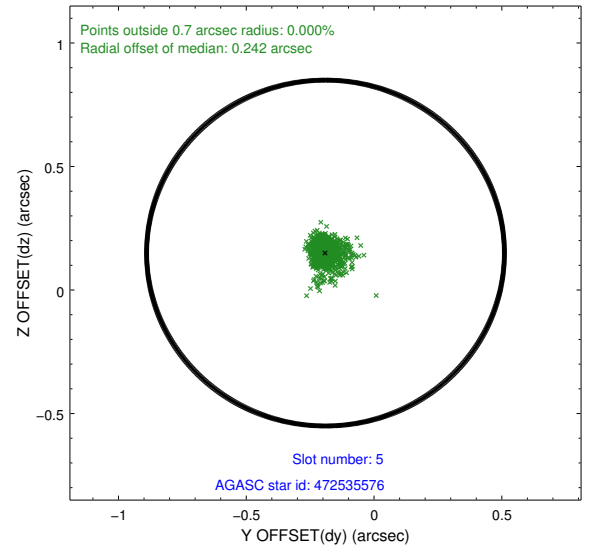
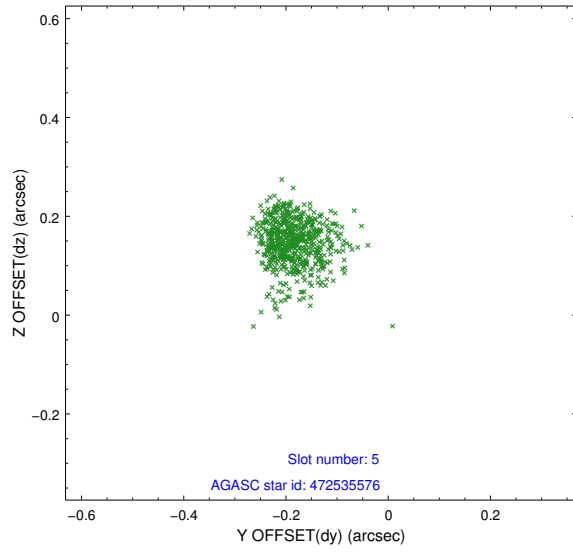
2.4.1 Slot 3



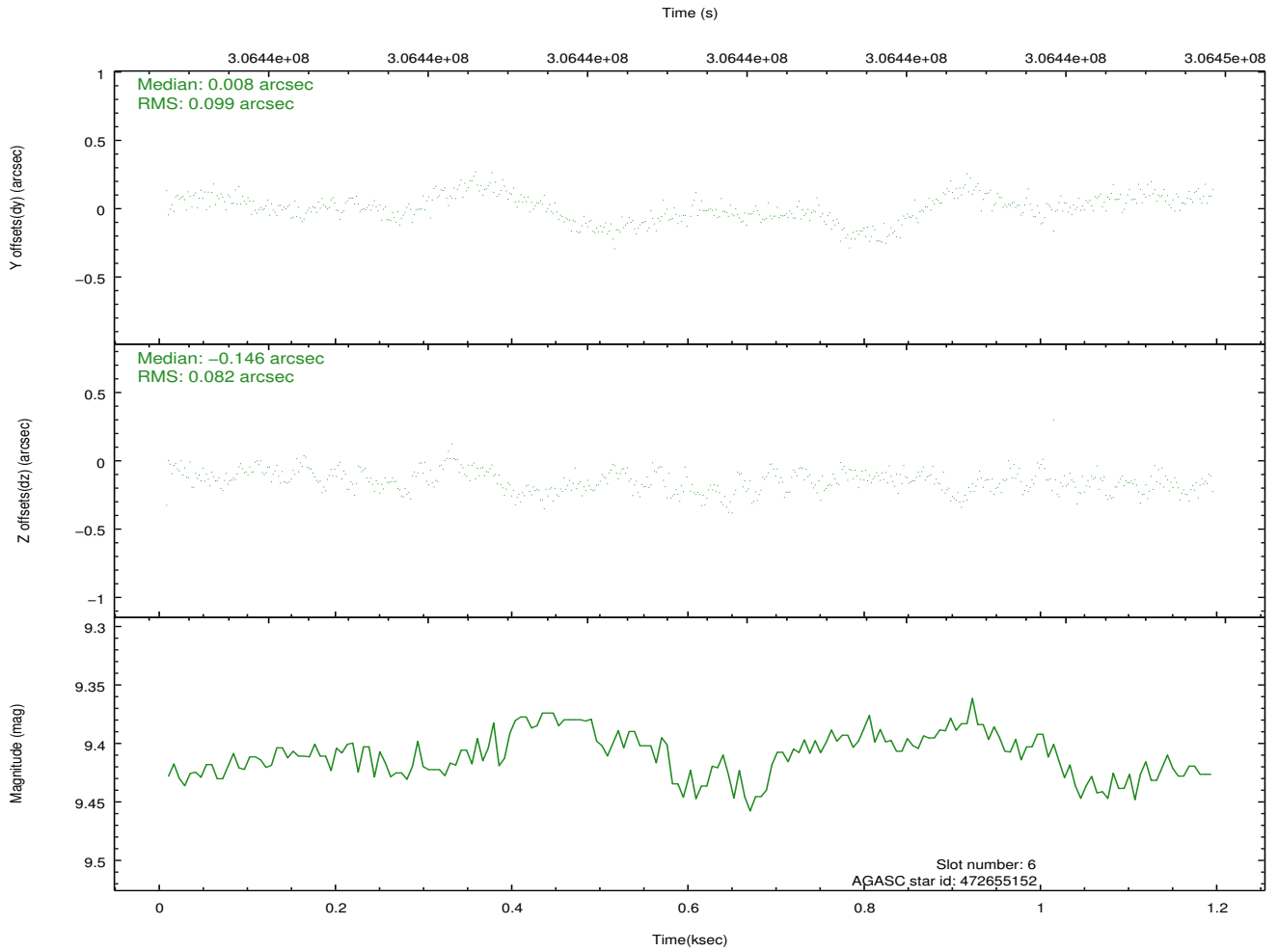
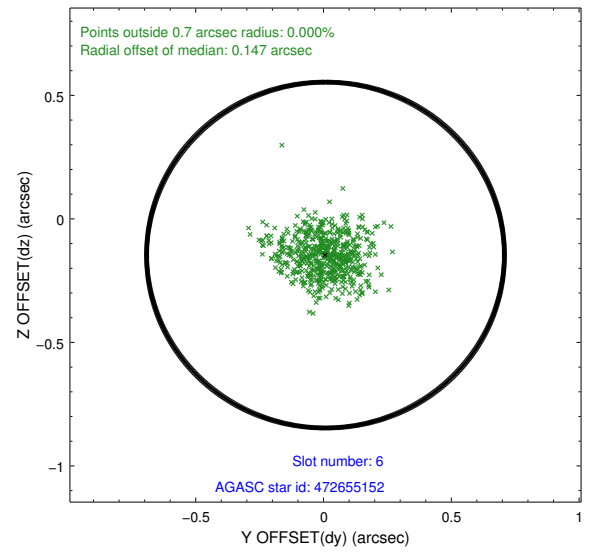
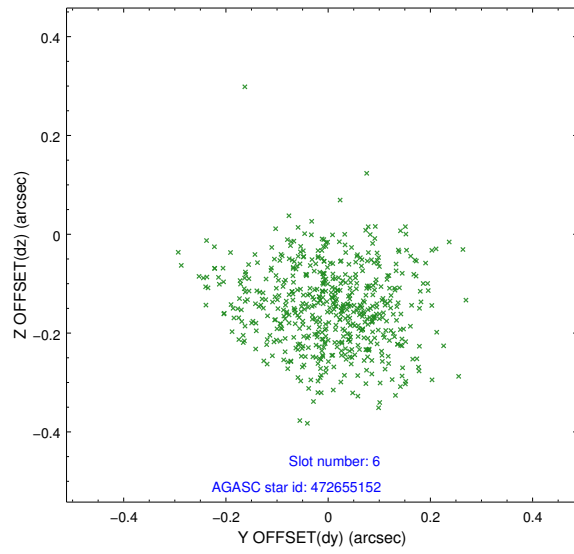
2.4.2 Slot 4



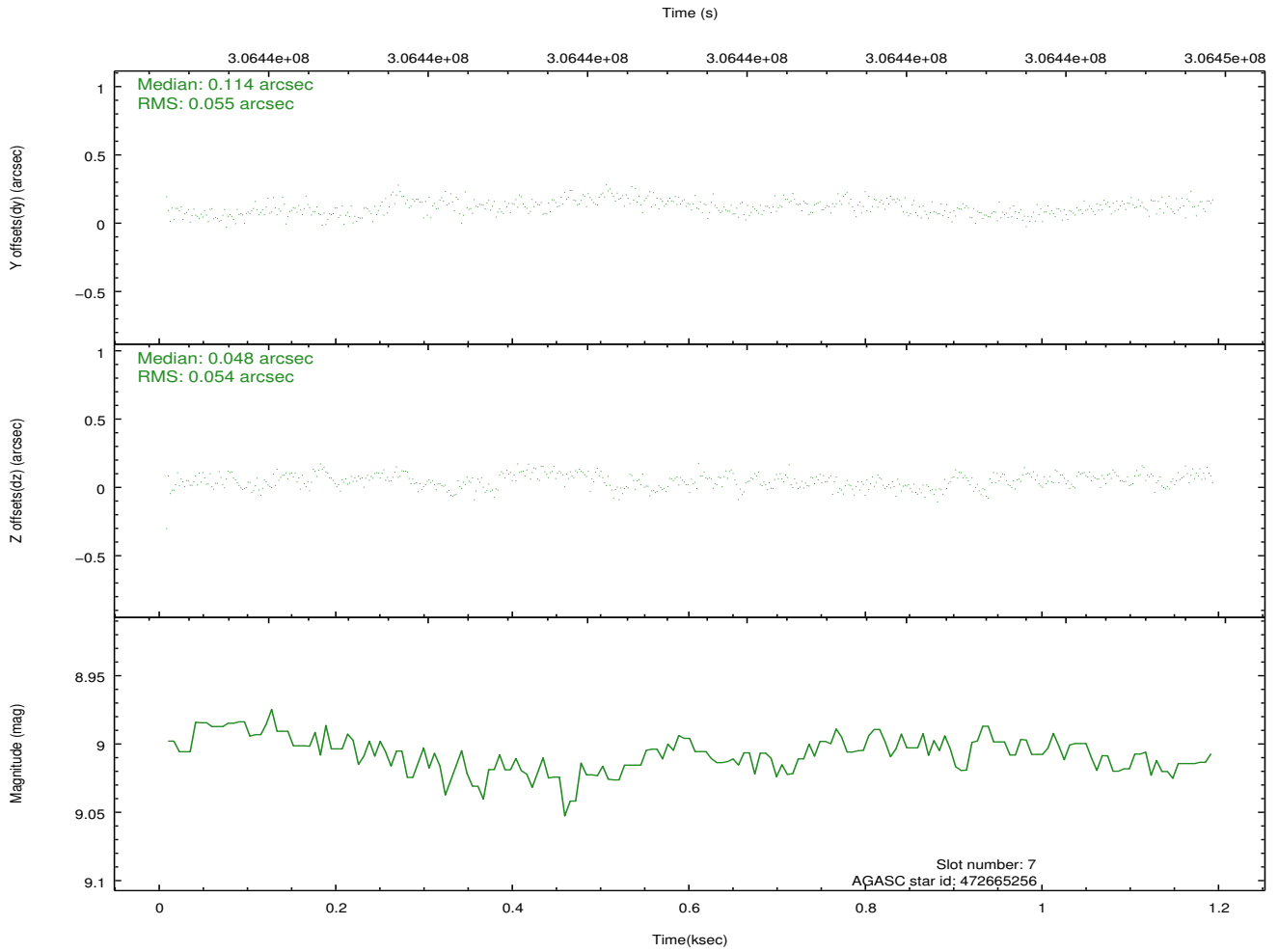
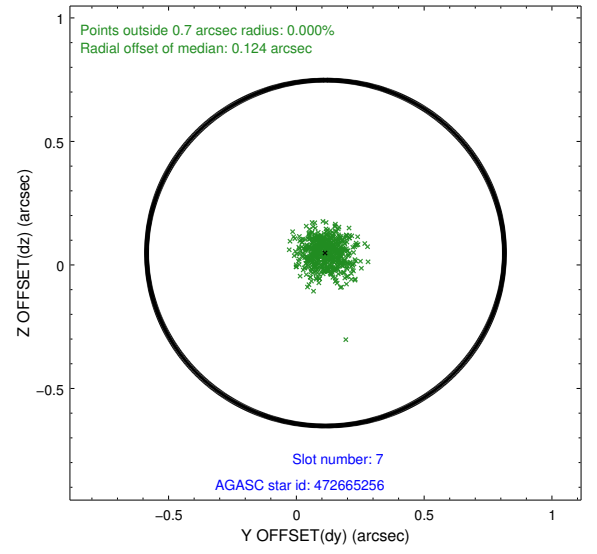
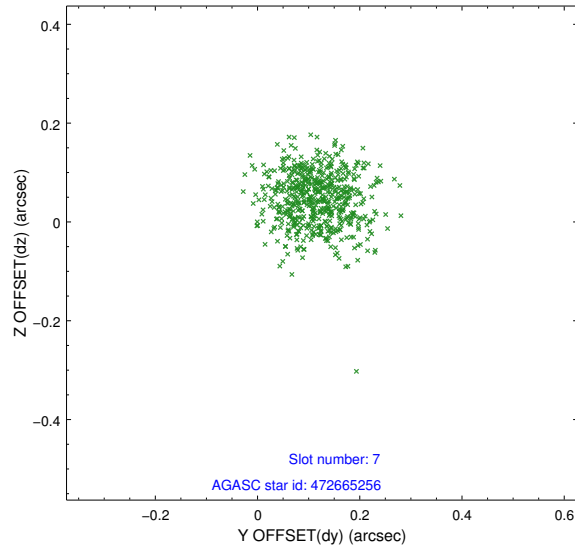
2.4.3 Slot 5



2.4.4 Slot 6

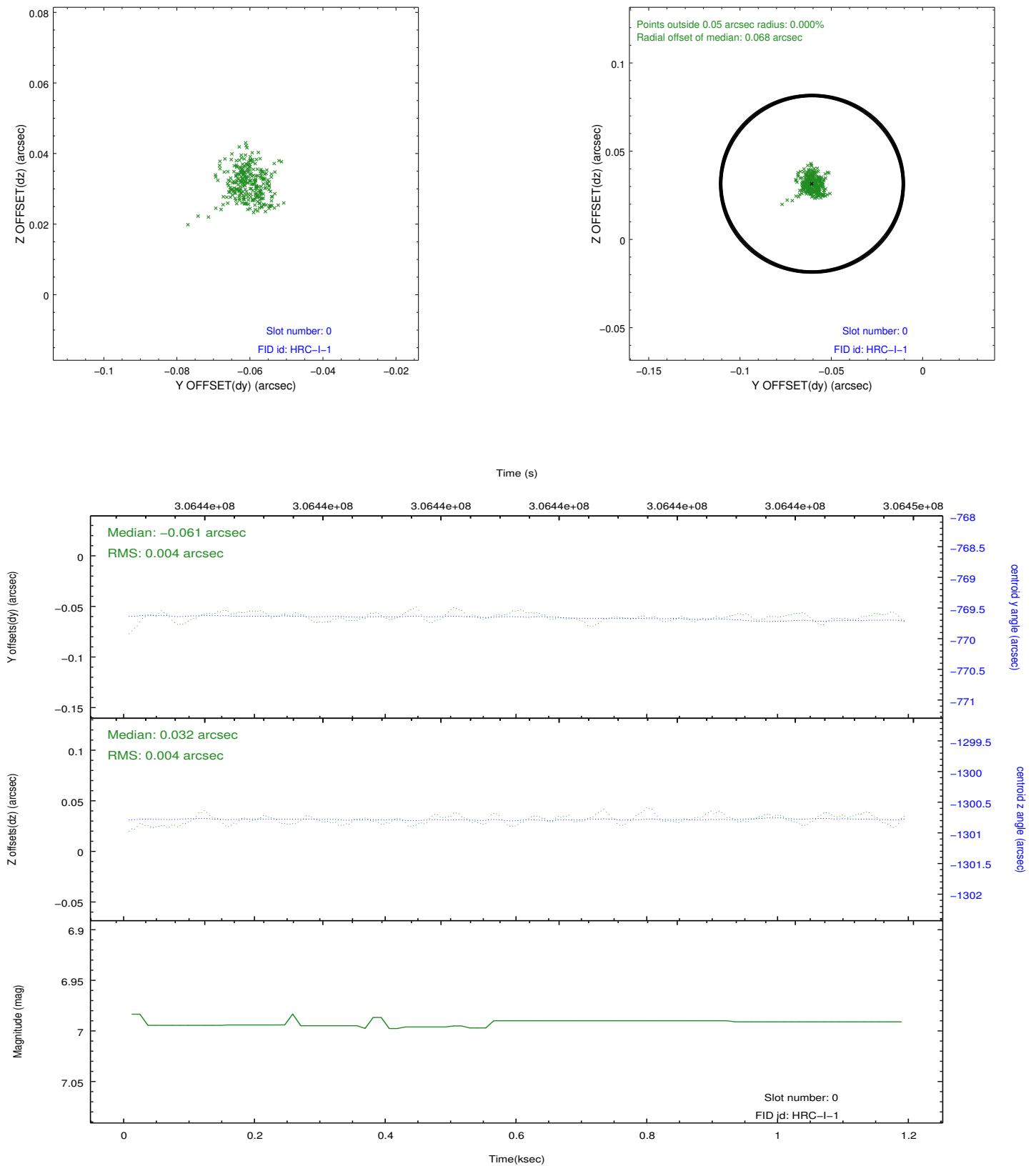


2.4.5 Slot 7

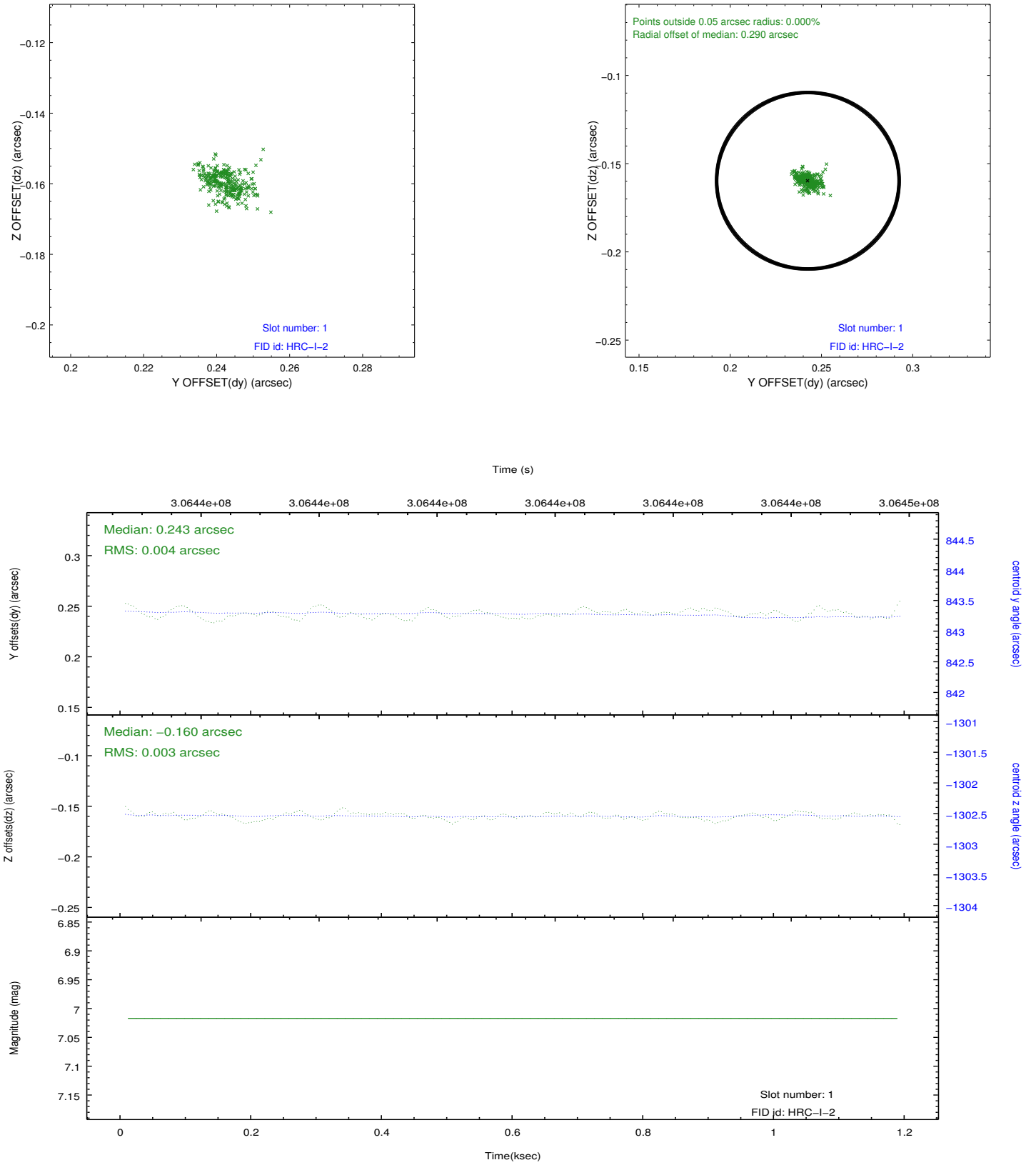


2.5 FID Slots

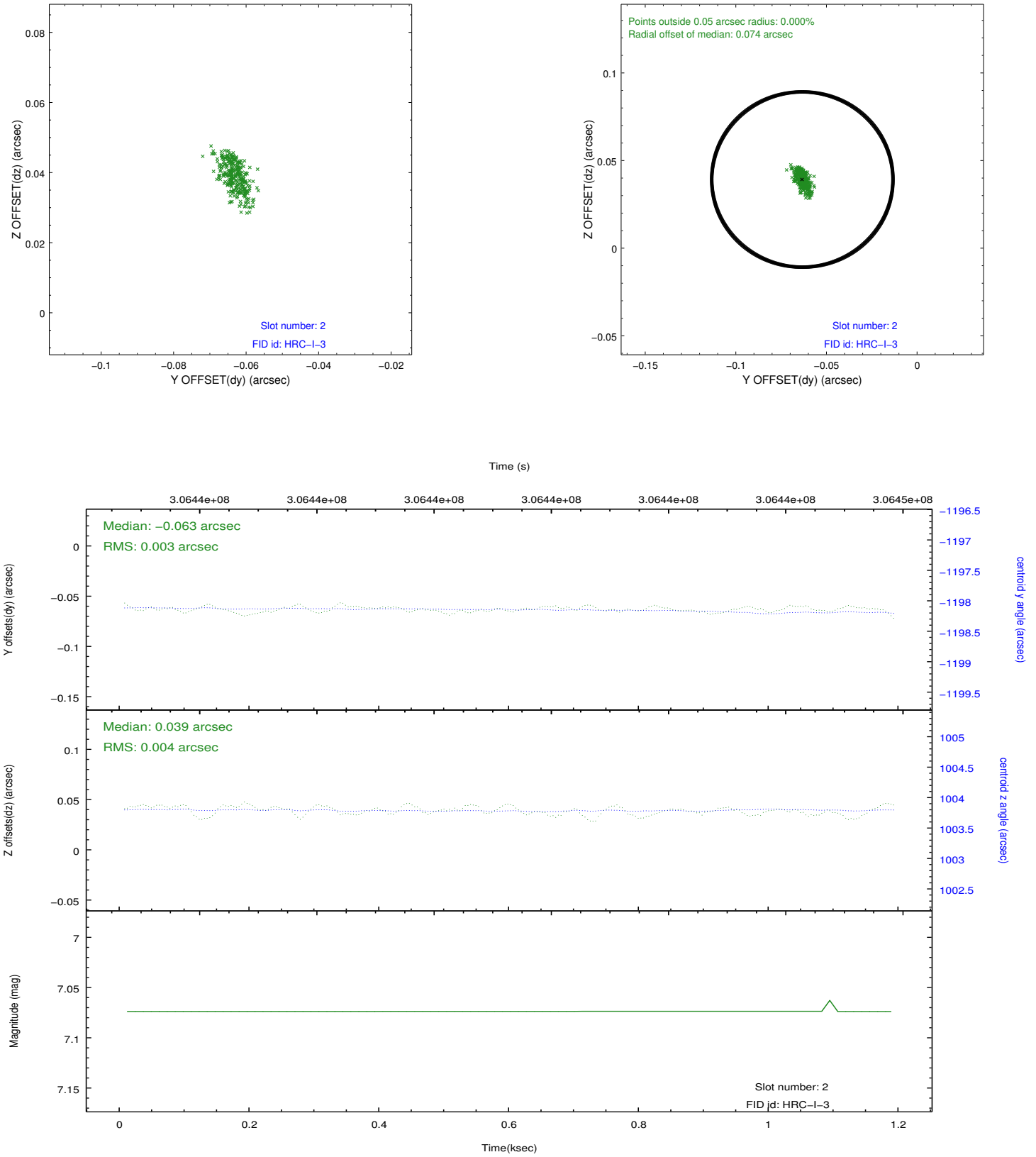
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813

A.2 Comments