

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8306 - L2 Version 4
Chandra X-Ray Center

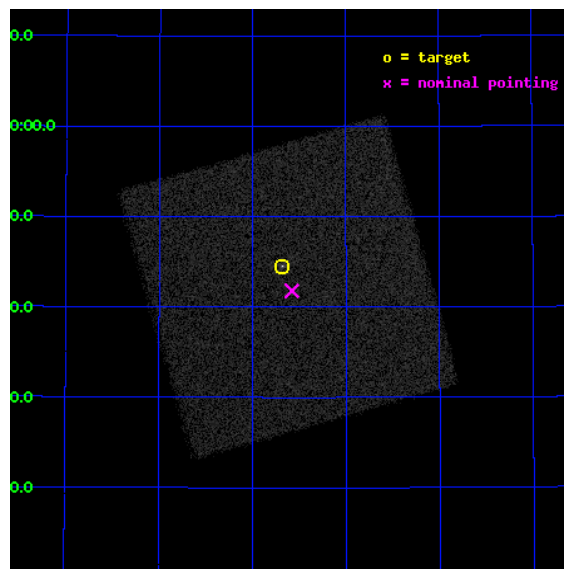
L2 Processing Date : Aug 11 2012

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1 Front

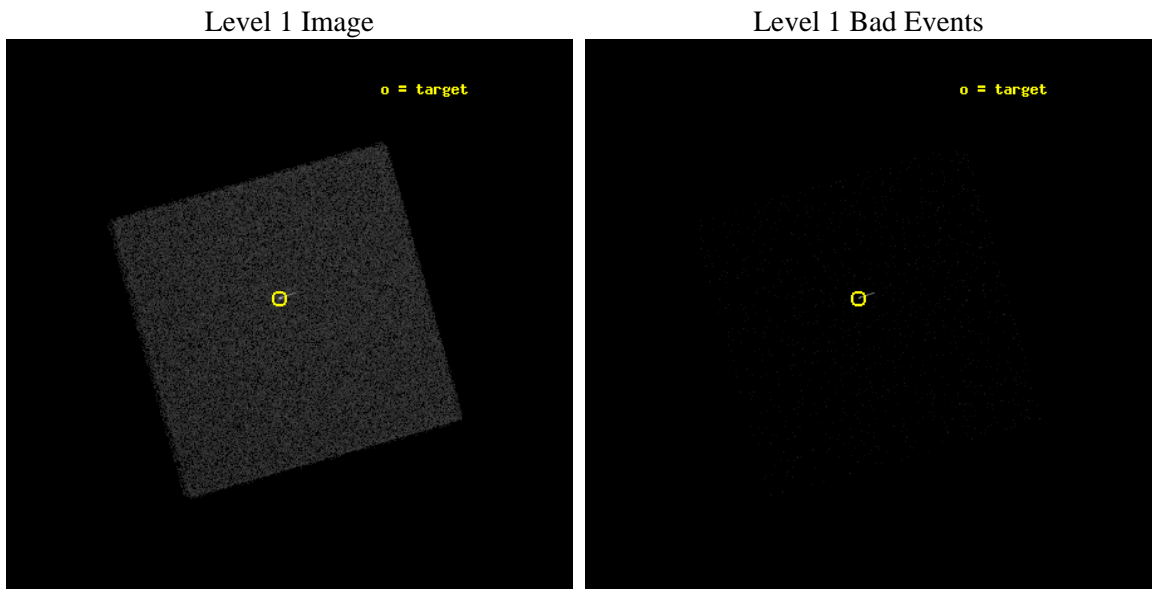
seq_num	290685	Sequence number
obs_id	8306	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14456815694	Nominal RA [deg]
dec_nom	45.696885125773	Nominal Dec [deg]
roll_nom	209.15697357277	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1177.9813067317	[s]
livetime	1165.62514973	Ontime multiplied by DTCOR
l2events	73776	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	1177.9813067317	[s]
caldbver	4.5.1.1	 	l1events	136558	Number of level 1 events
date	2012-08-12T01:40:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

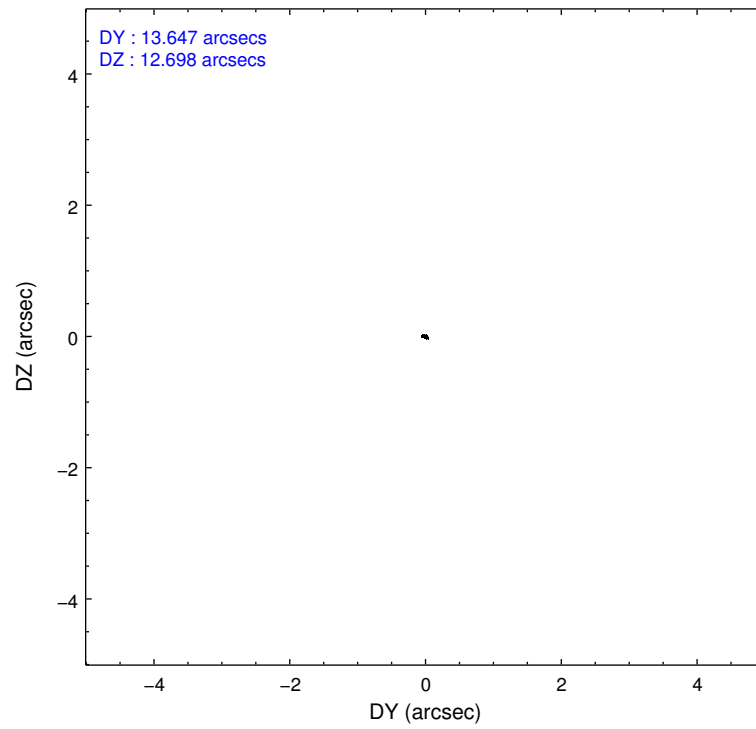
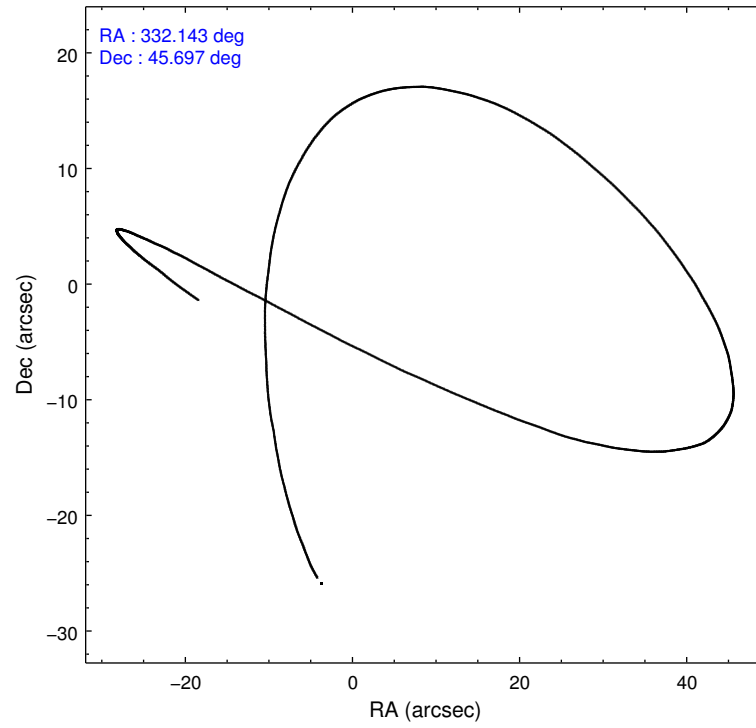
Level 1 Events

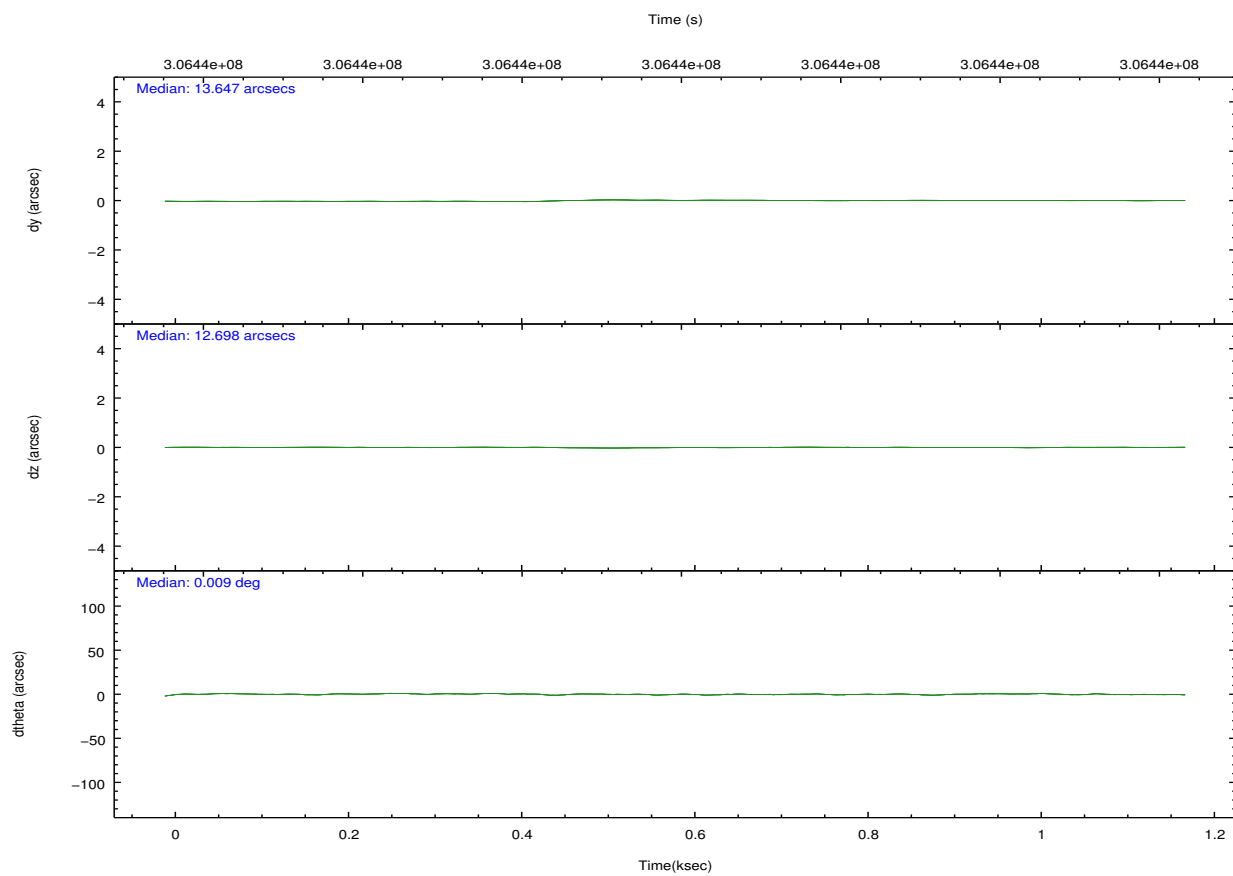
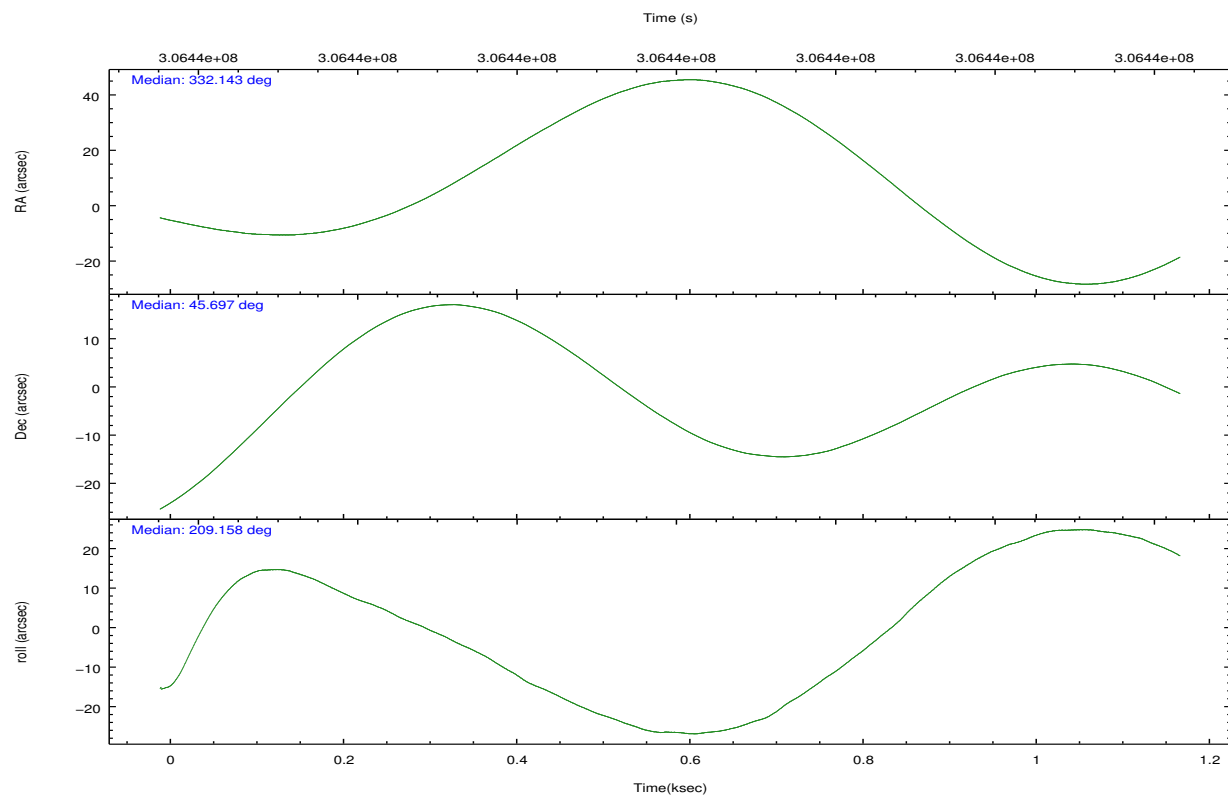
	segment 0
level 1 events	136558
rejected events	29660
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.164858	332.1445681569413			
[deg] Pointing Dec	45.720055	45.69688512577294			
[deg] Pointing Roll	209.238037	209.156973572774			
[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)	306436582.184000	306436206.03876			
Observation start date	2007-09-17T17:15:17	2007-09-17T17:10:06			
[s] Observation end time (MET)	306437582.184000	306437715.86384			
Observation end date	2007-09-17T17:31:57	2007-09-17T17:35:15			

2.3 Aspect



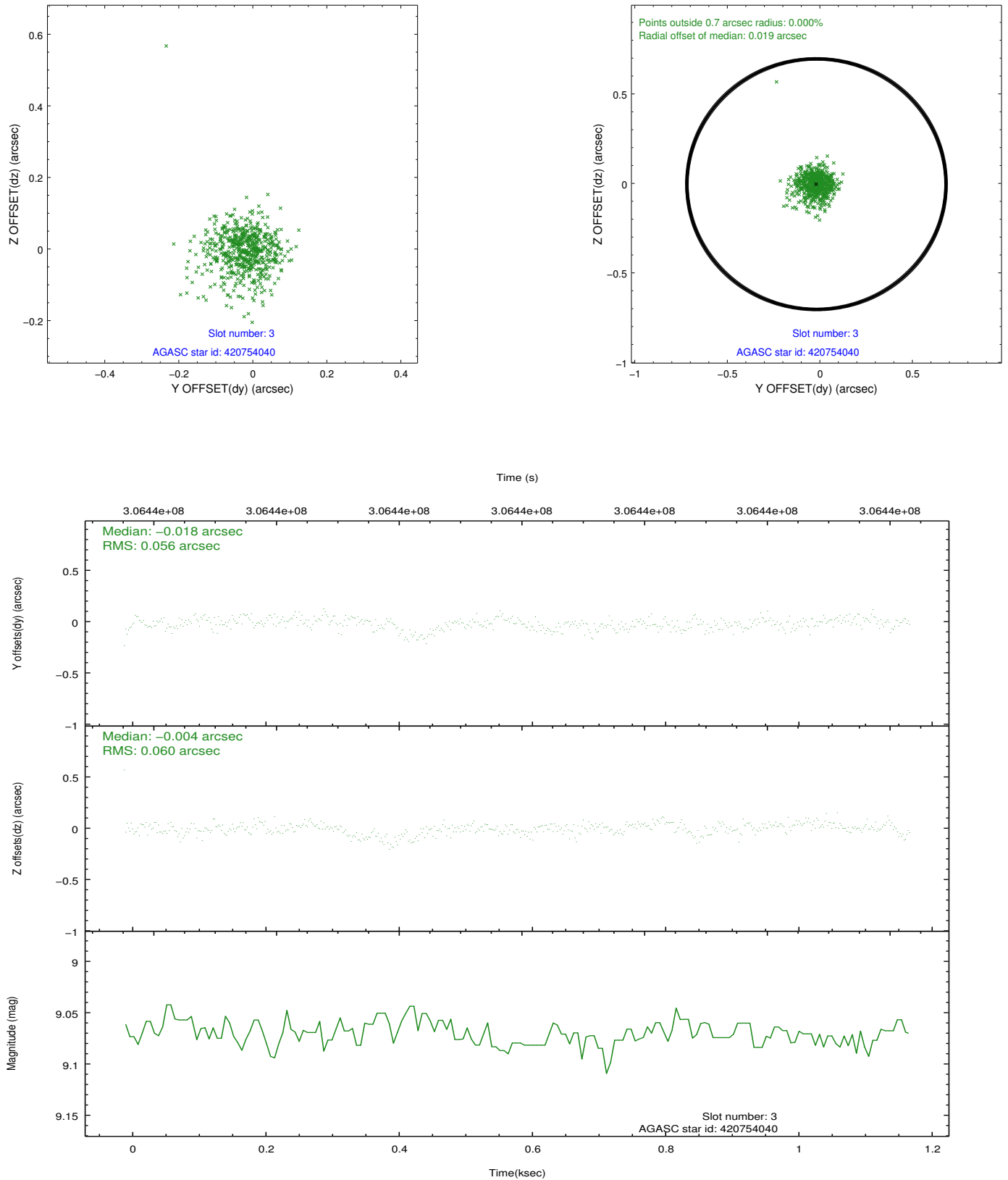


Slot Statistics

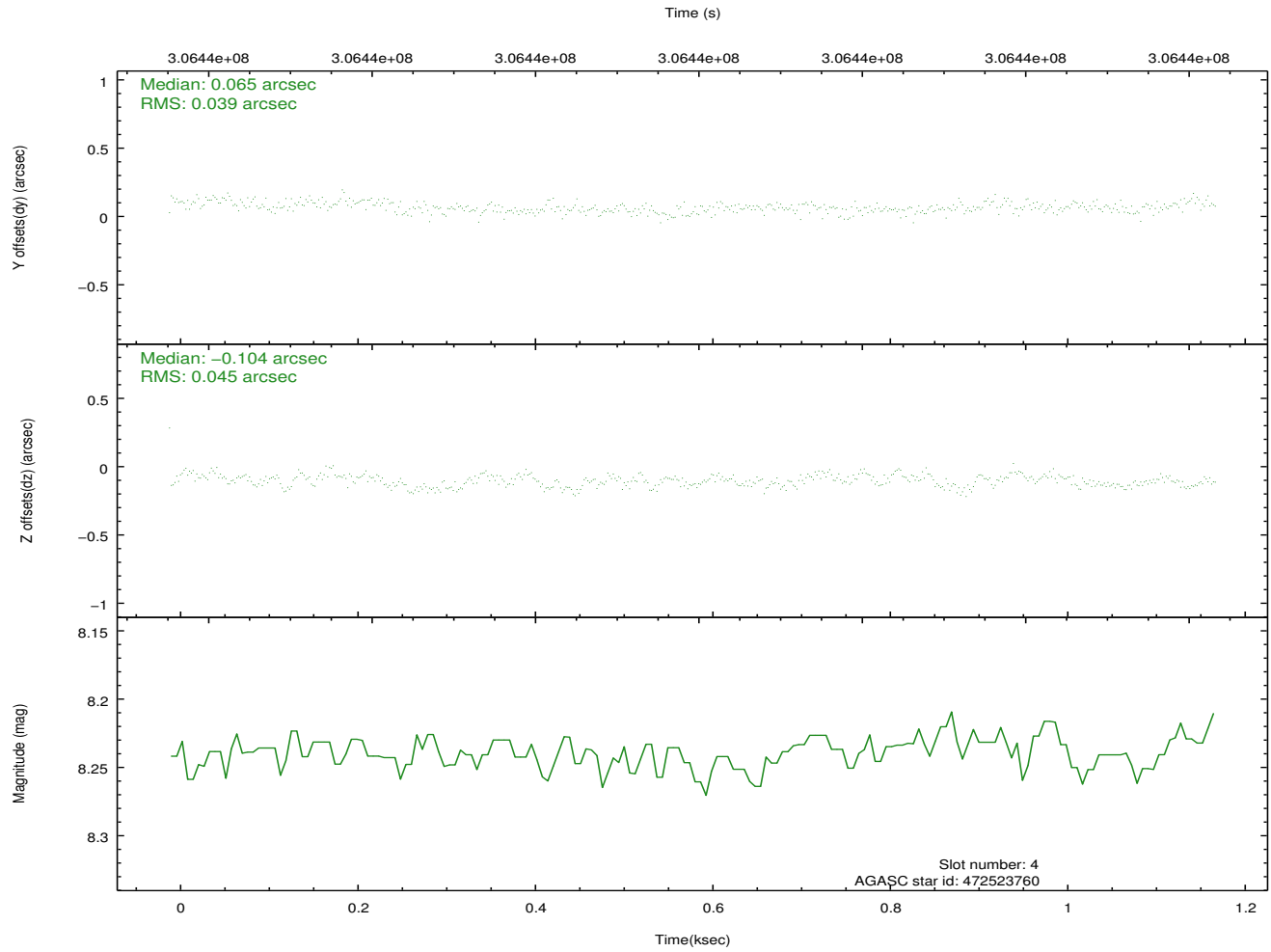
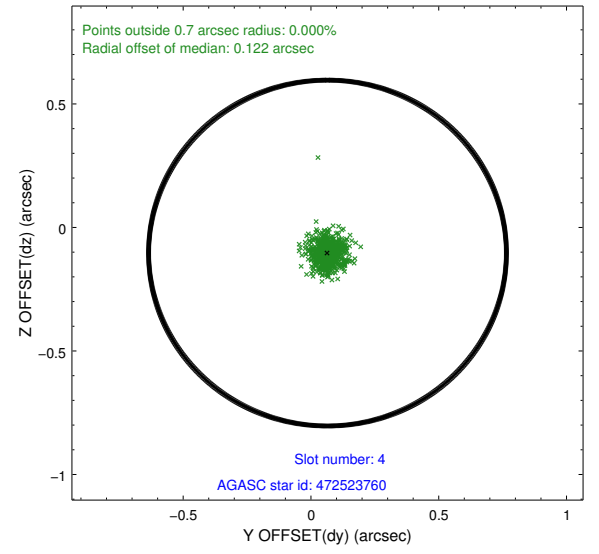
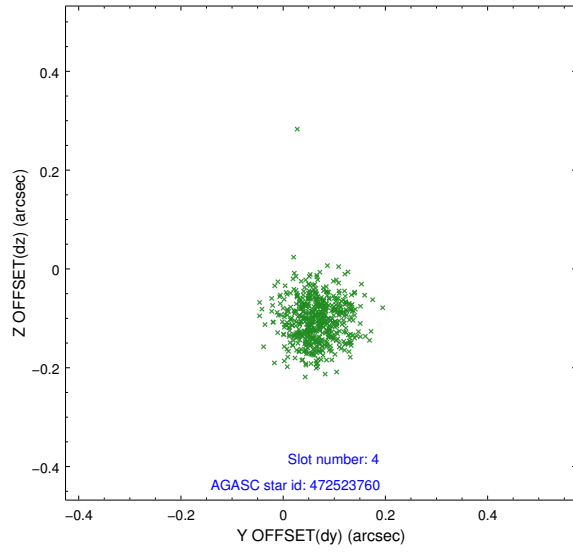
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	288	-0.055	0.033	0.009	0.018	0.000000	0.000000	-769.46	-1300.73
1	FID	HRC-I-2	7.02	288	0.239	-0.163	0.007	0.012	0.000000	0.000000	840.79	-1307.01
2	FID	HRC-I-3	7.07	288	-0.066	0.041	0.007	0.012	0.000000	0.000000	-1195.04	999.30
3	GUIDE	420754040	9.07	575	-0.018	-0.004	0.081	0.140	331.917939	44.882543	2019.66	2325.74
4	GUIDE	472523760	8.24	576	0.065	-0.104	0.062	0.098	331.645363	45.403260	1703.07	357.11
5	GUIDE	472525528	6.64	576	-0.289	0.009	0.075	0.122	331.551102	45.248694	2184.65	719.44
6	GUIDE	472665256	9.01	576	0.215	0.000	0.080	0.127	332.808125	46.195041	-2234.48	-710.46
7	GUIDE	472659832	9.46	575	0.030	0.115	0.105	0.165	332.780399	46.098139	-2013.71	-440.38

2.4 Star Slots

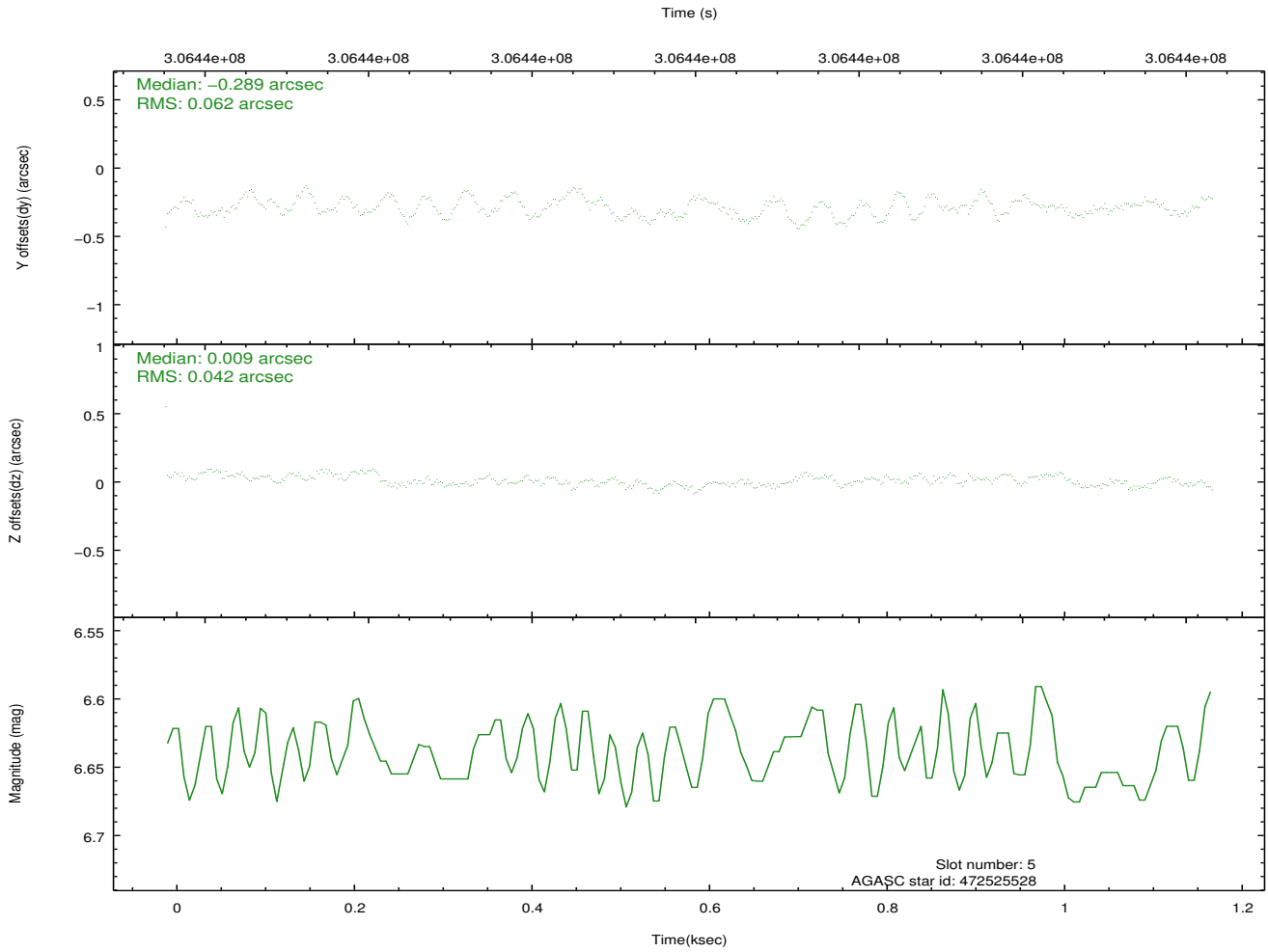
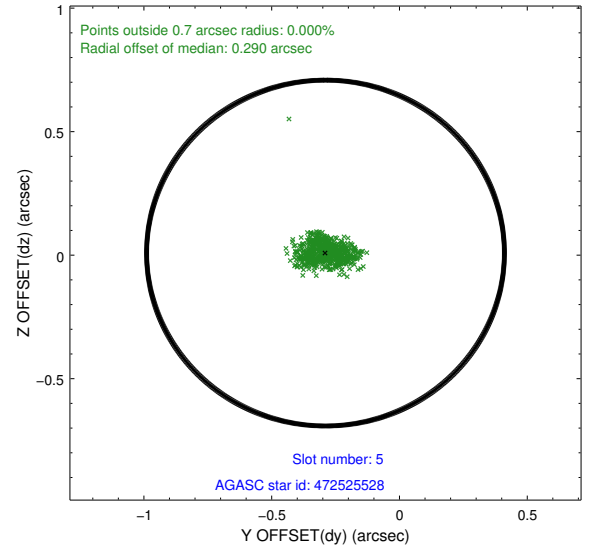
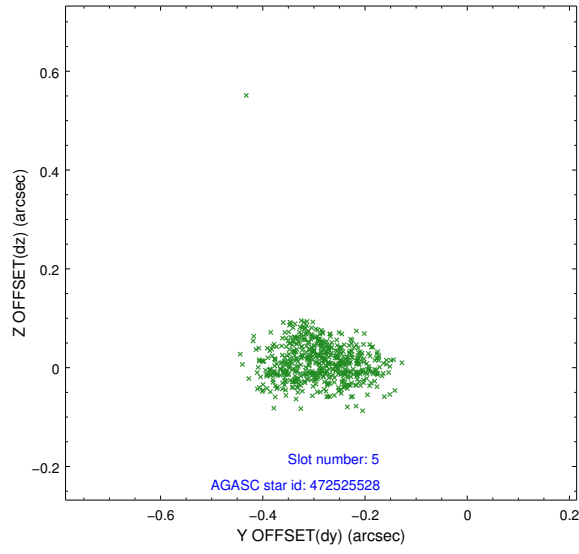
2.4.1 Slot 3



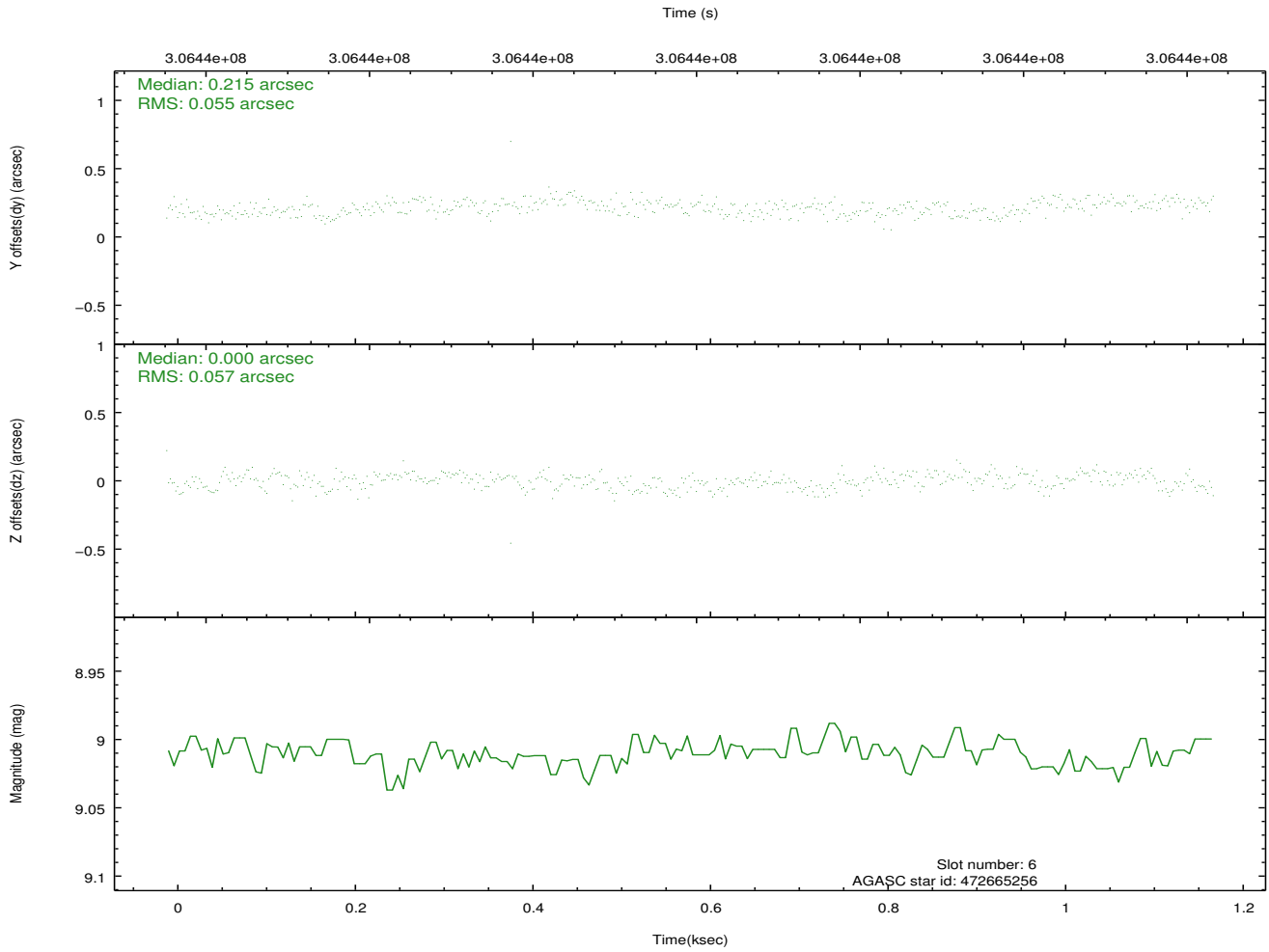
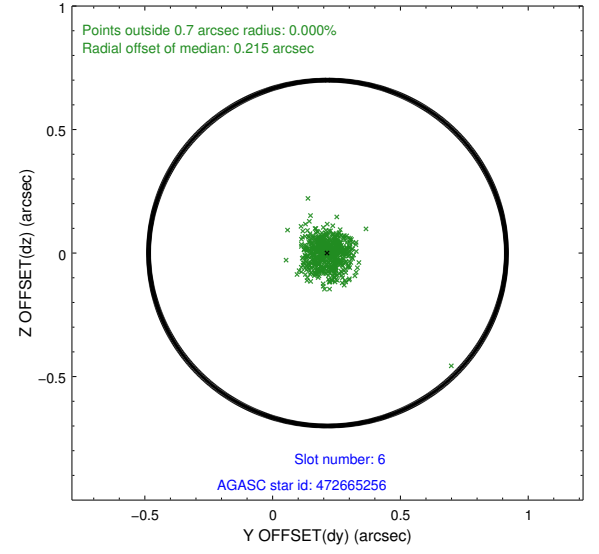
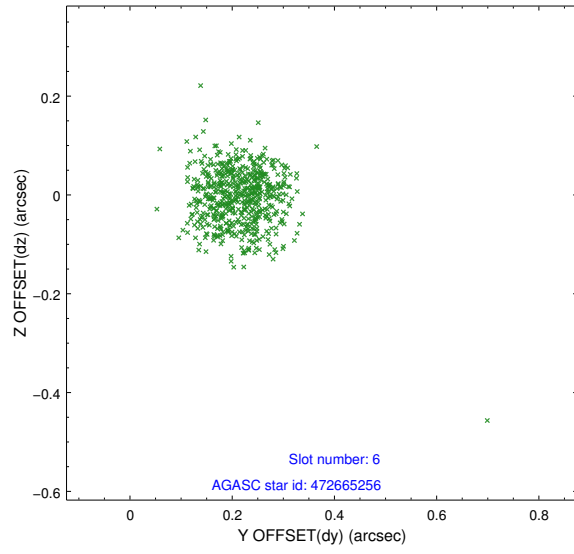
2.4.2 Slot 4



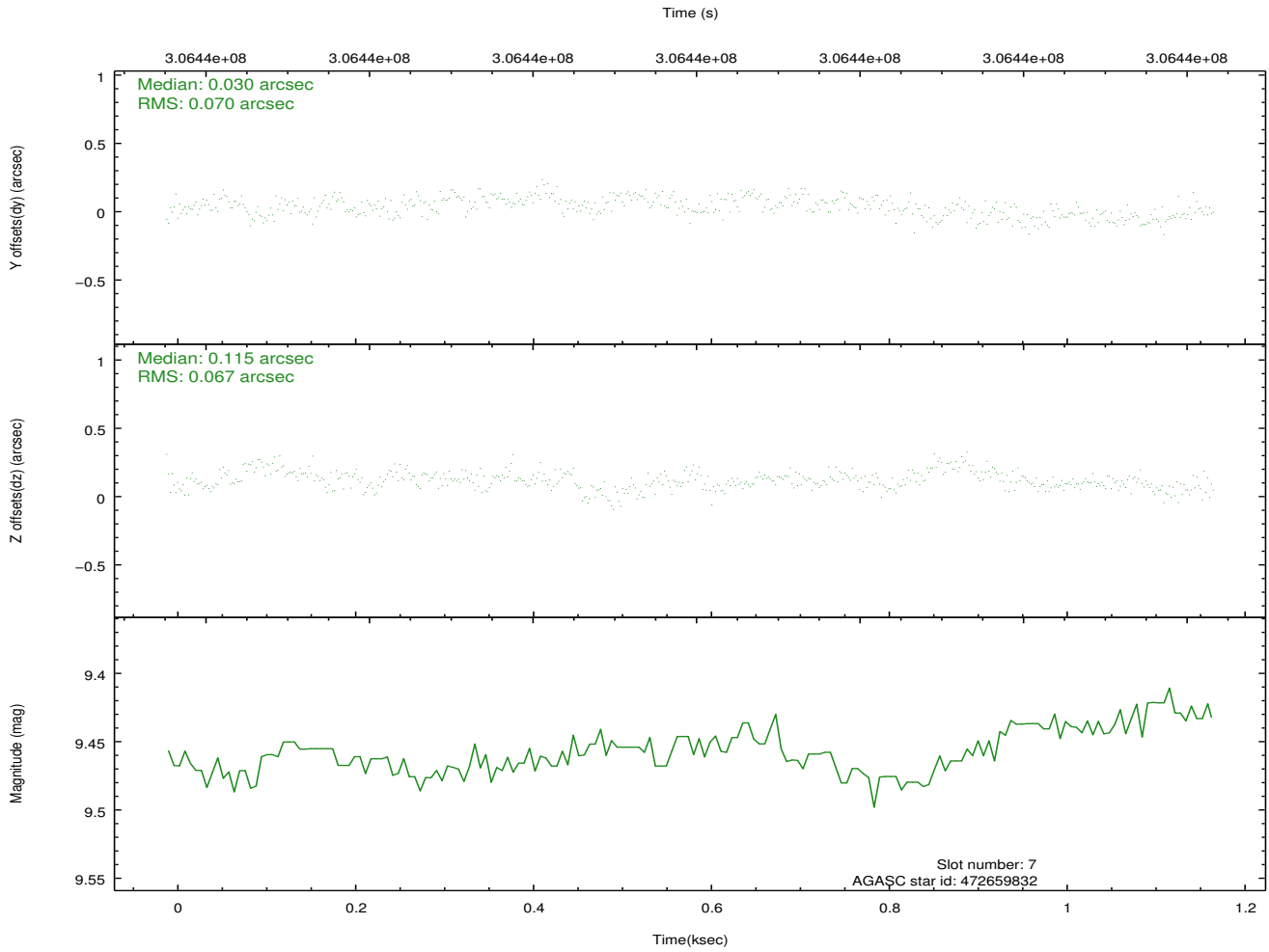
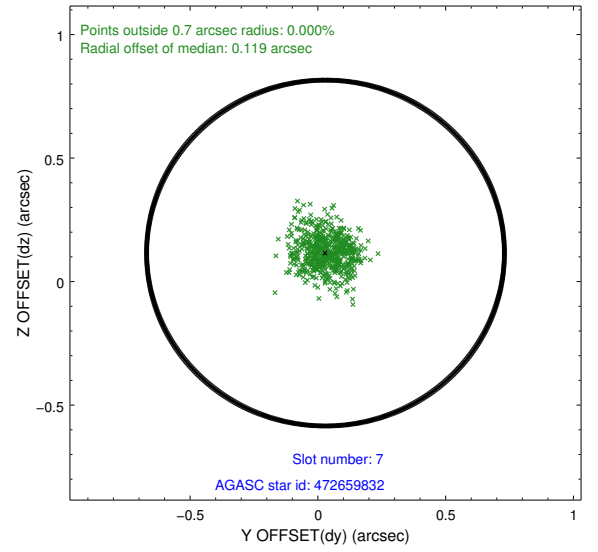
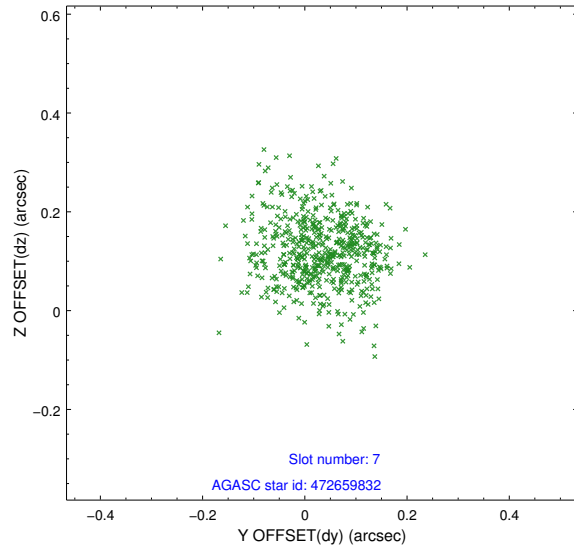
2.4.3 Slot 5



2.4.4 Slot 6

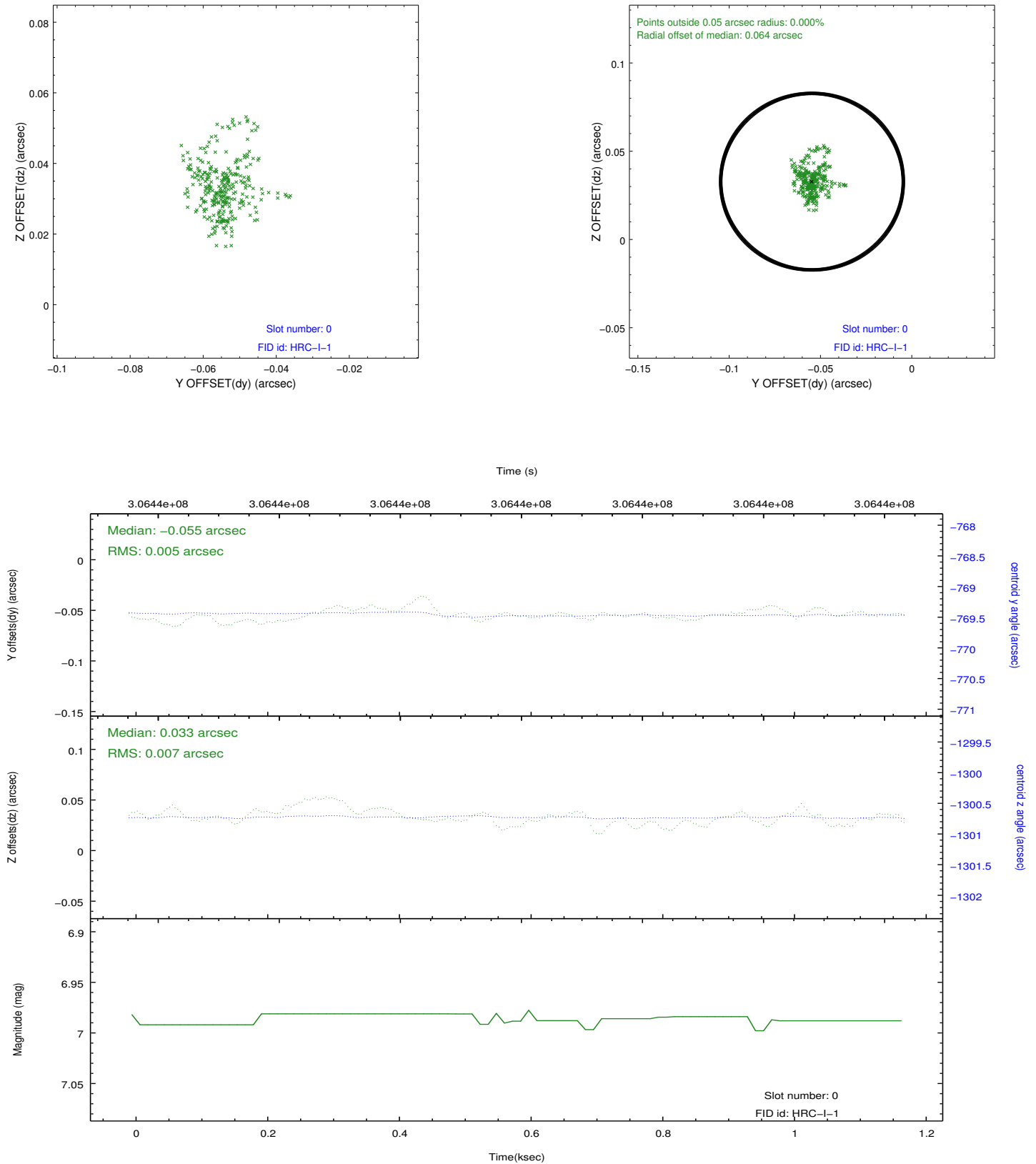


2.4.5 Slot 7

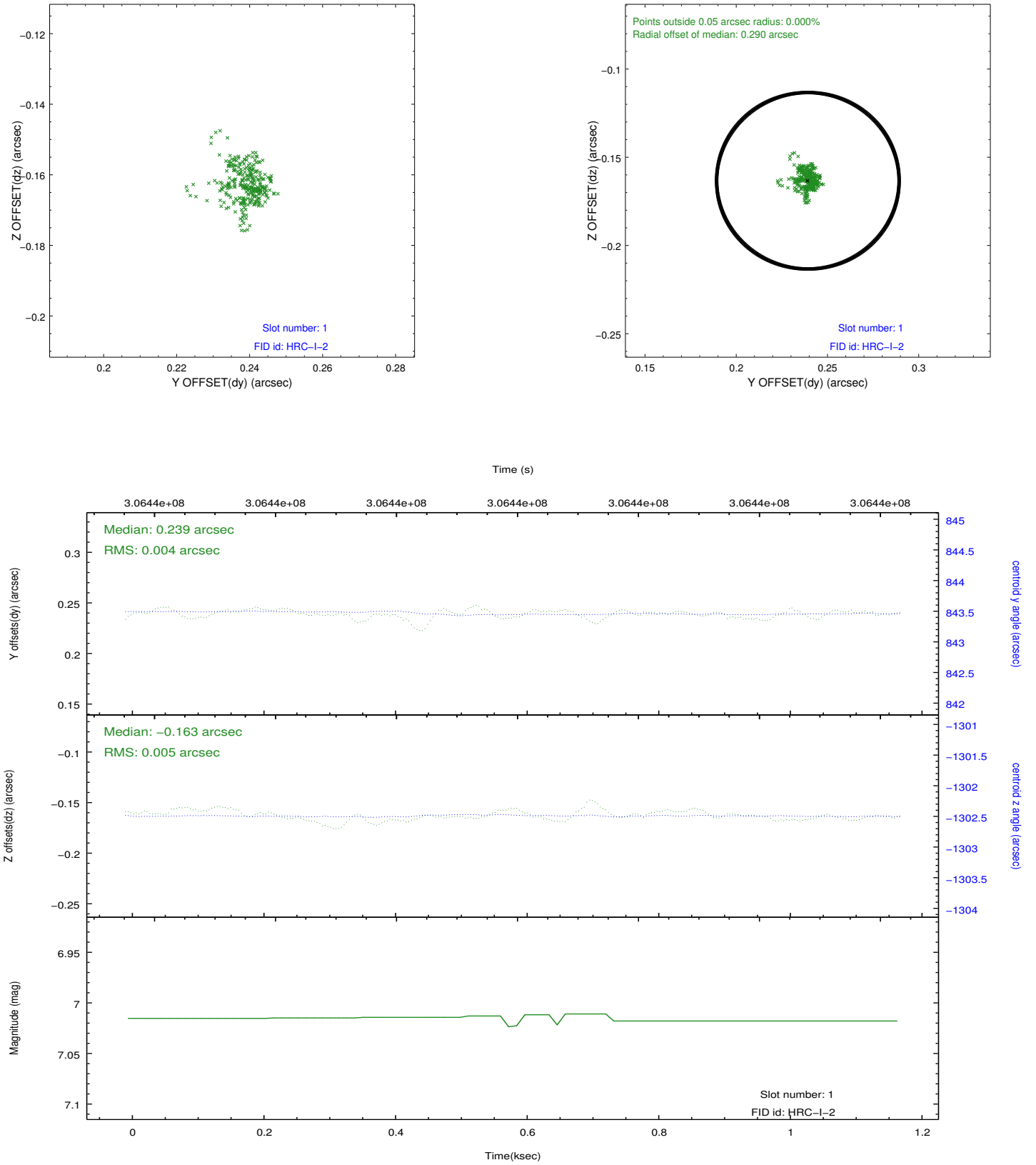


2.5 FID Slots

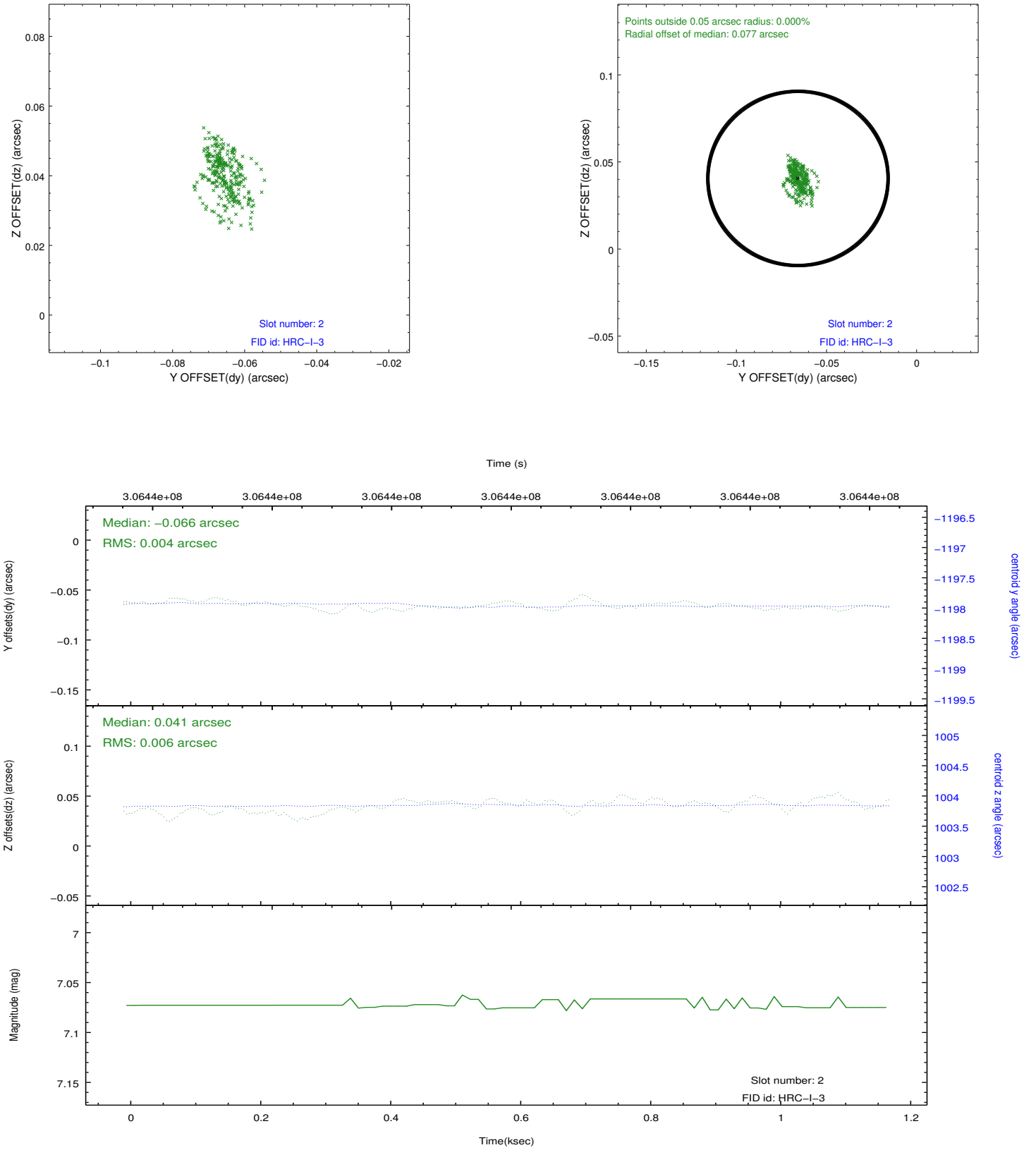
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1779813

A.2 Comments