

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9659 - L2 Version 3
Chandra X-Ray Center

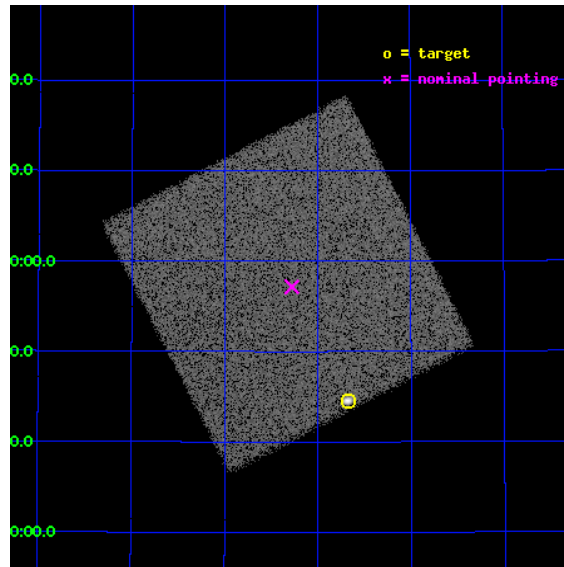
L2 Processing Date : Aug 12 2012

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1 Front

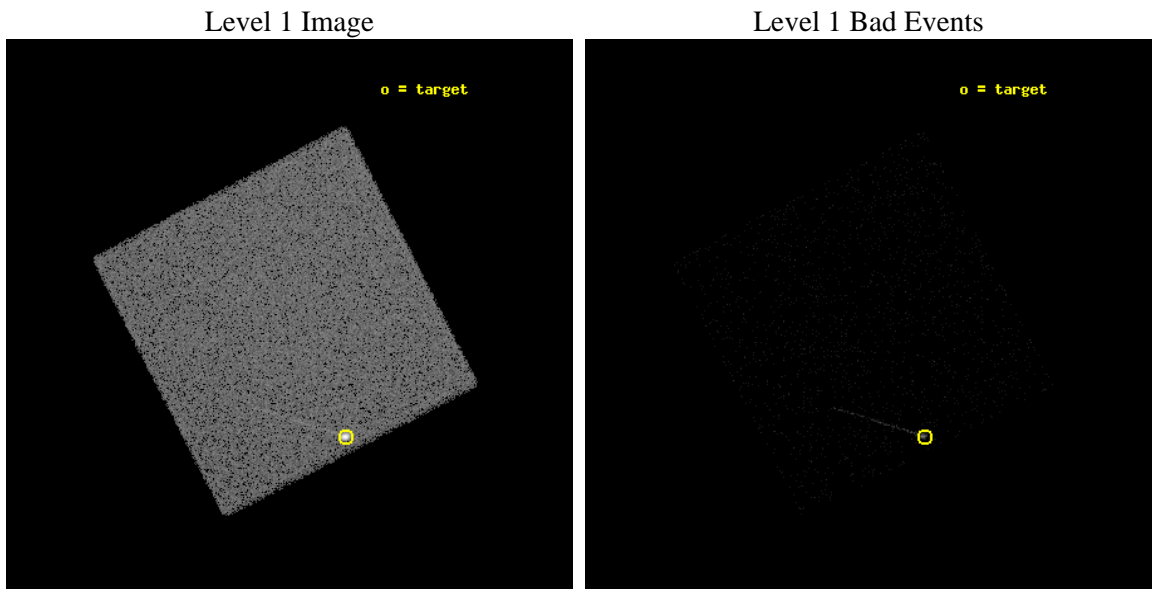
seq_num	290782	Sequence number
obs_id	9659	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.31945935544	Nominal RA [deg]
dec_nom	45.952978246587	Nominal Dec [deg]
roll_nom	197.64721091771	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1362.4813169837	[s]
livetime	1347.5363997642	Ontime multiplied by DTCOR
l2events	93244	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1362.4813169837	[s]
caldbver	4.5.1.1	 	l1events	167709	Number of level 1 events
date	2012-08-12T20:59:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

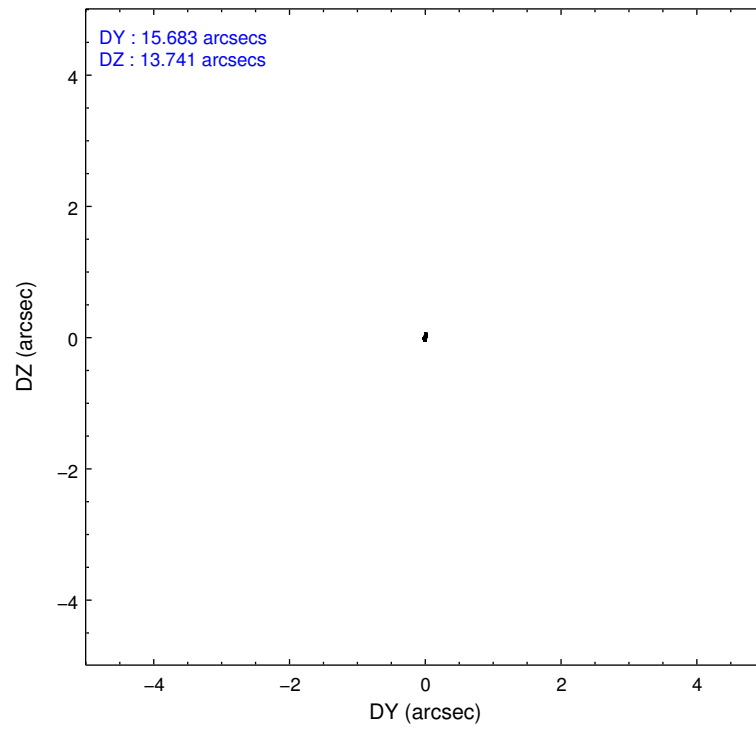
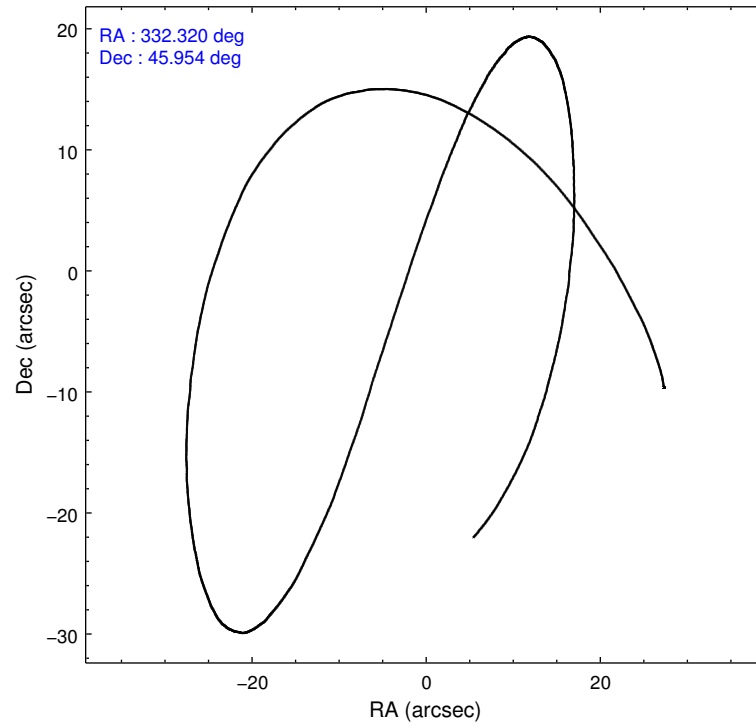
	segment 0
level 1 events	167709
rejected events	33278
rejected %	19%

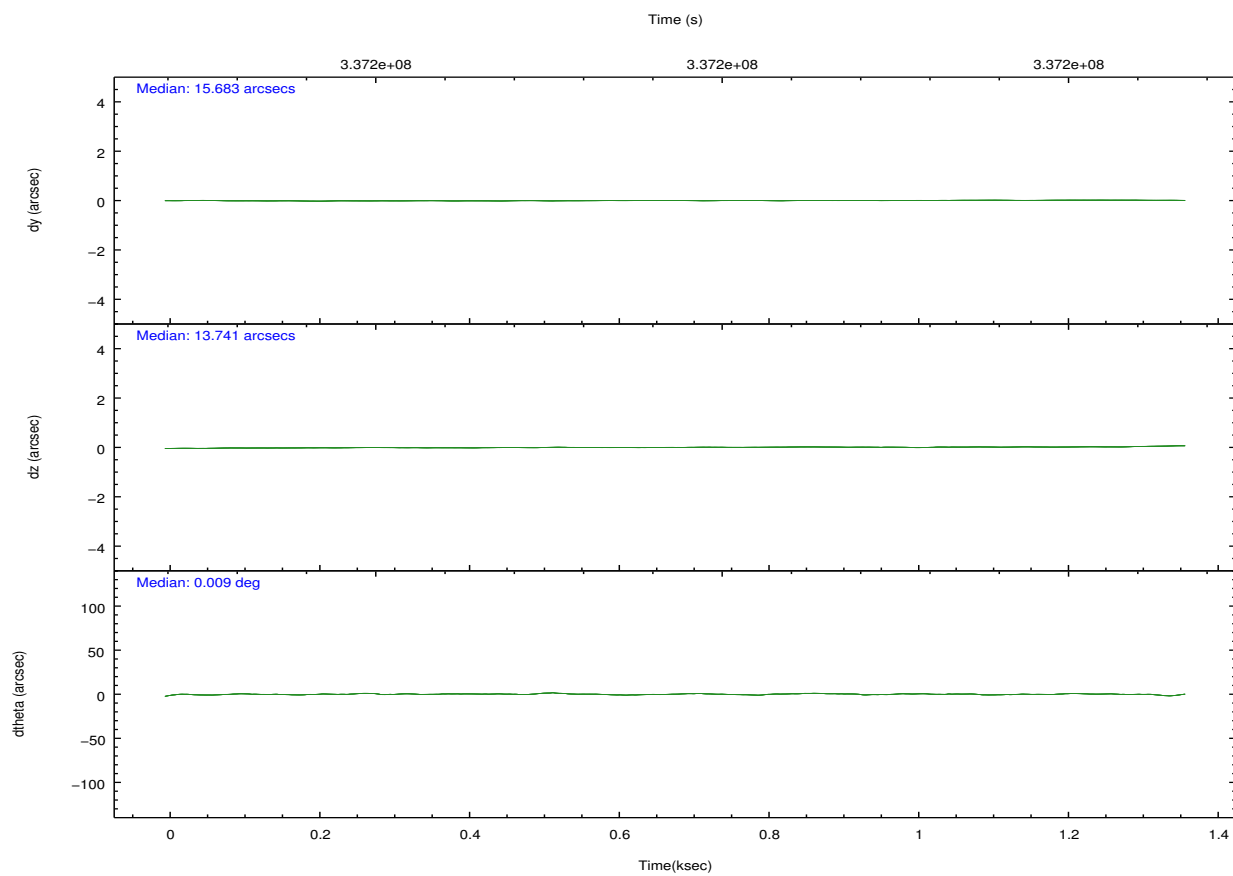
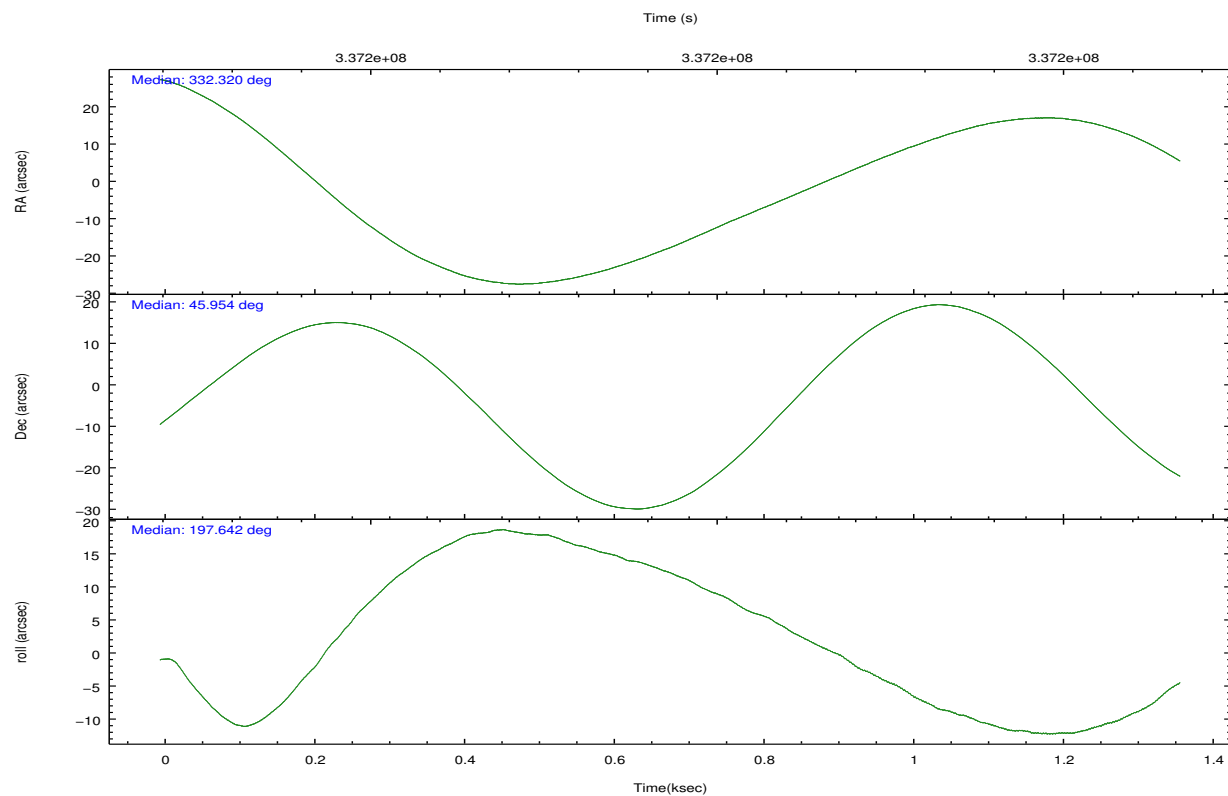
2.2 Compared Parameters

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	332.344320	332.3194593554404
[deg] Pointing Dec	45.972742	45.9529782465867
[deg] Pointing Roll	197.724774	197.6472109177095
[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)	337201937.184000	337201561.29426
Observation start date	2008-09-07T19:11:12	2008-09-07T19:06:01
[s] Observation end time (MET)	337203117.184000	337203251.00685
Observation end date	2008-09-07T19:30:52	2008-09-07T19:34:11

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

2.3 Aspect



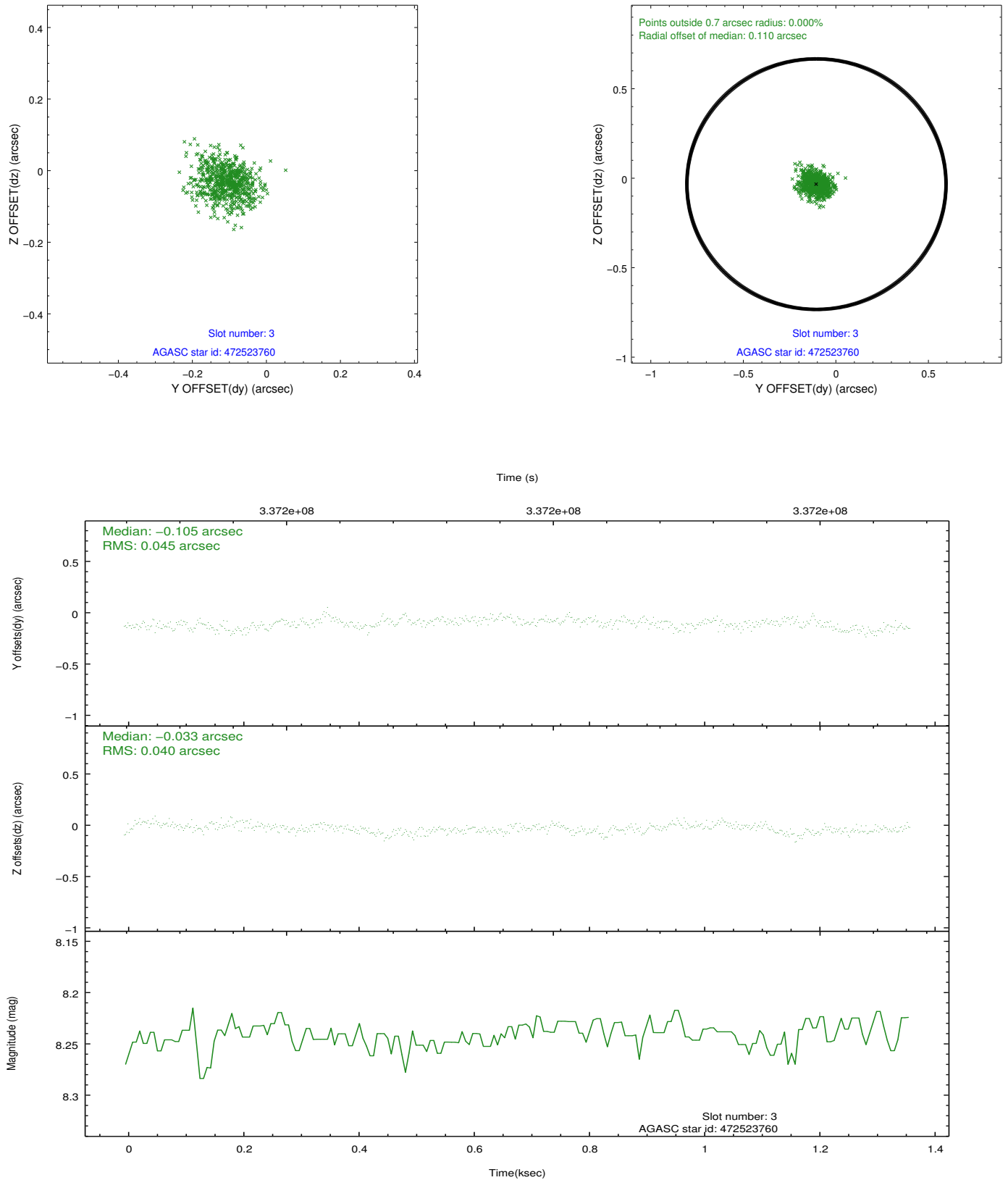


Slot Statistics

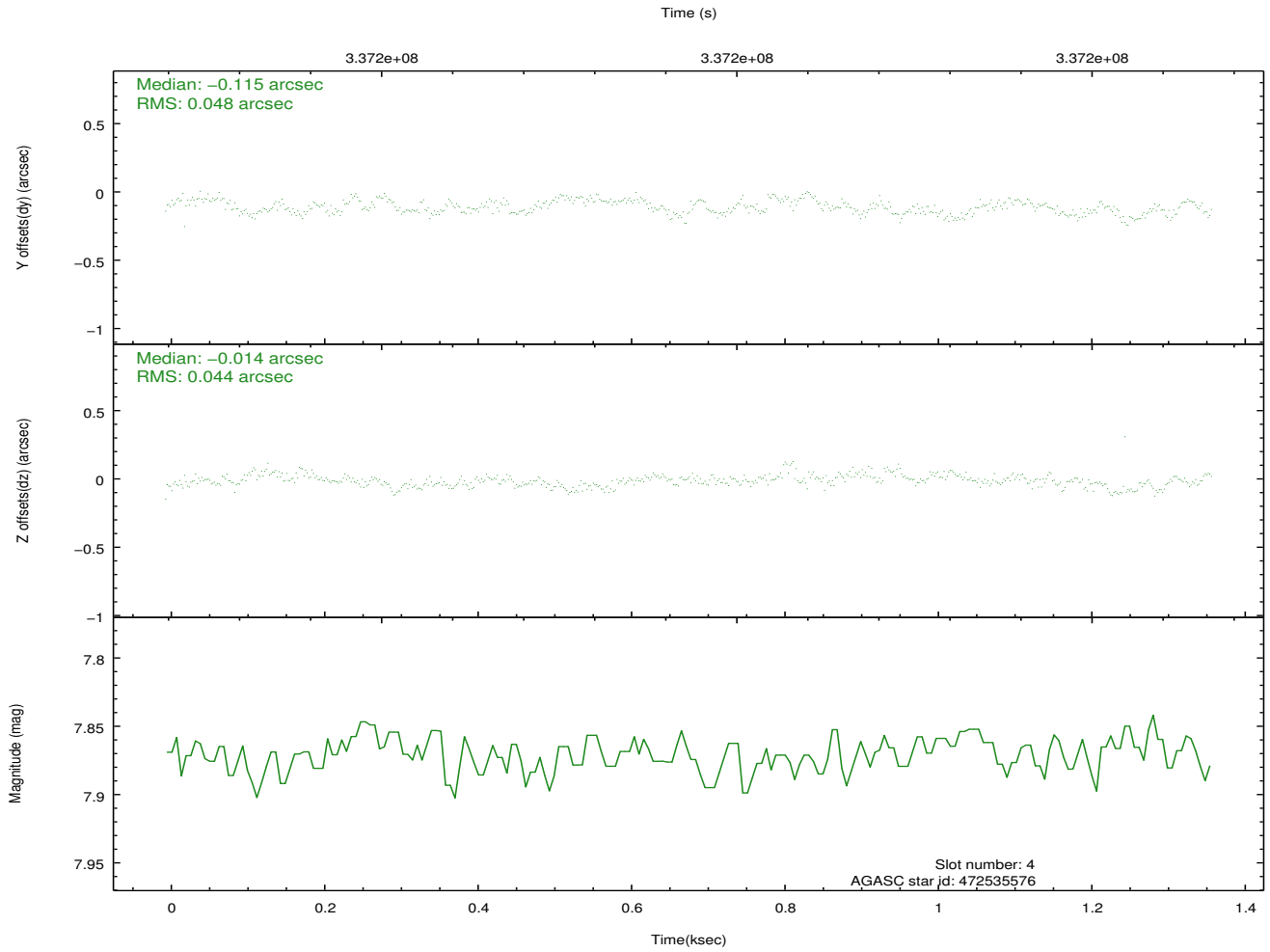
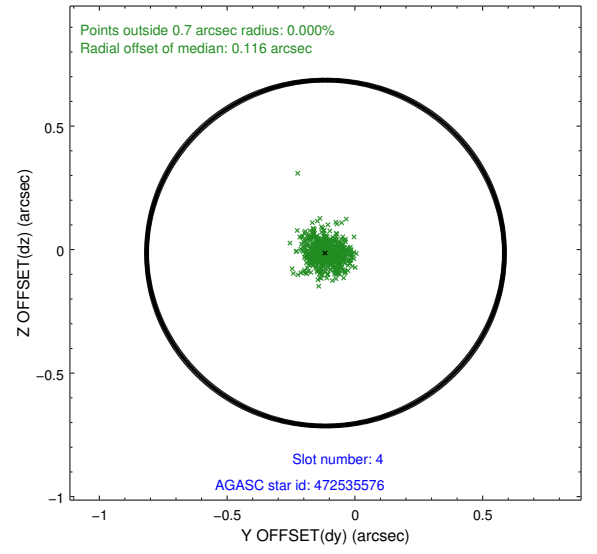
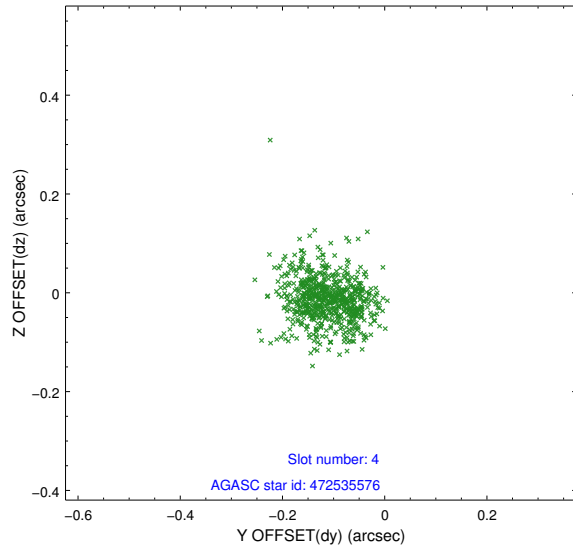
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	333	-0.068	0.006	0.007	0.014	0.000000	0.000000	-771.59	-1301.77
1	FID	HRC-I-2	7.03	333	0.225	-0.126	0.006	0.012	0.000000	0.000000	839.02	-1307.40
2	FID	HRC-I-3	7.09	333	-0.038	0.030	0.006	0.011	0.000000	0.000000	-1197.50	998.89
3	GUIDE	472523760	8.24	666	-0.105	-0.033	0.065	0.105	331.645363	45.403260	2307.79	1410.07
4	GUIDE	472535576	7.87	666	-0.115	-0.014	0.068	0.112	331.438373	46.291802	1799.76	-1787.95
5	GUIDE	472536328	8.14	666	-0.011	0.028	0.072	0.117	331.496671	46.454831	1476.86	-2304.18
6	GUIDE	472663088	8.99	665	0.063	0.037	0.083	0.136	332.931735	46.600119	-2067.64	-1715.50
7	GUIDE	472665256	9.02	665	0.162	-0.011	0.107	0.167	332.808125	46.195041	-1345.25	-414.06

2.4 Star Slots

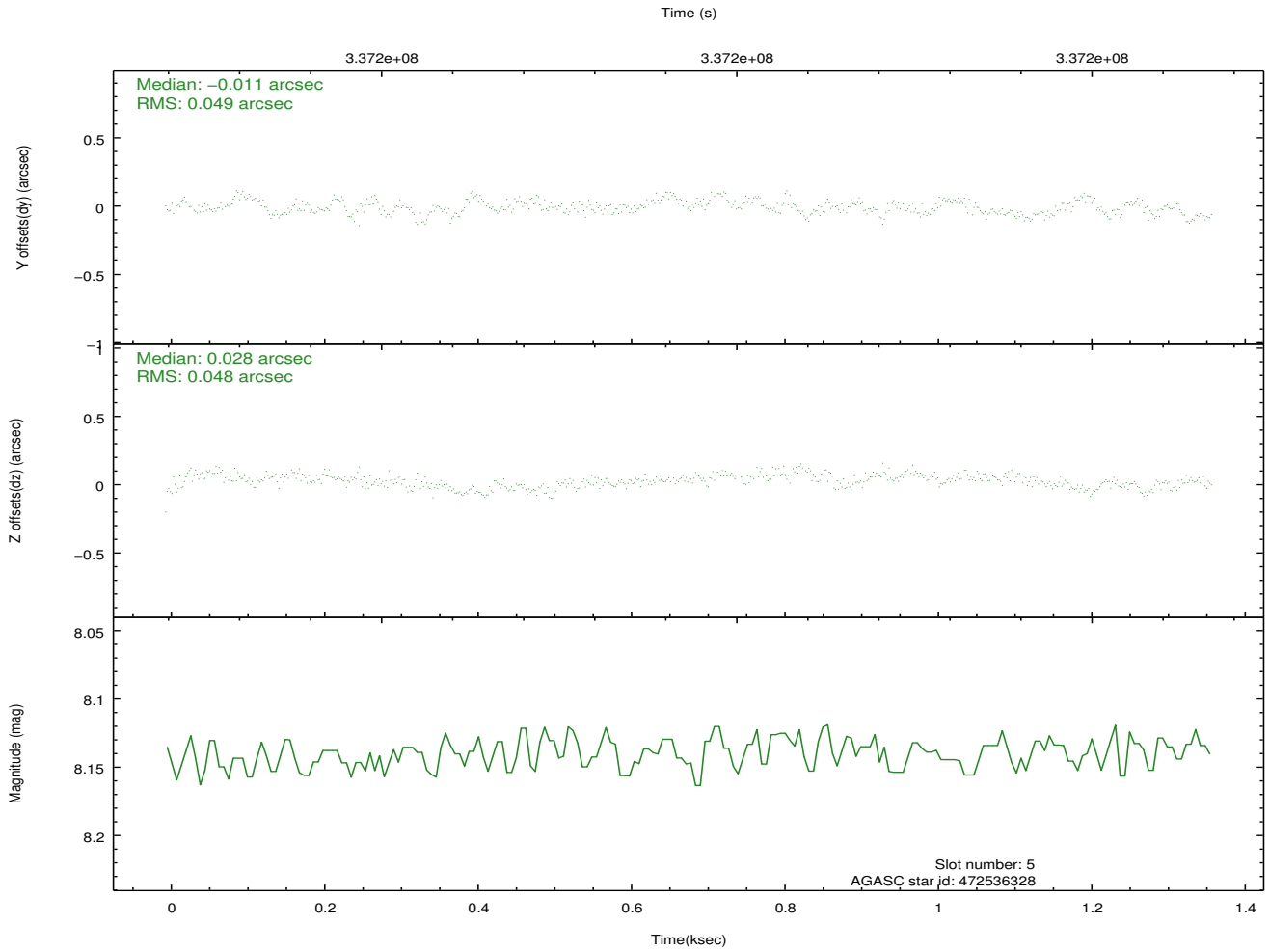
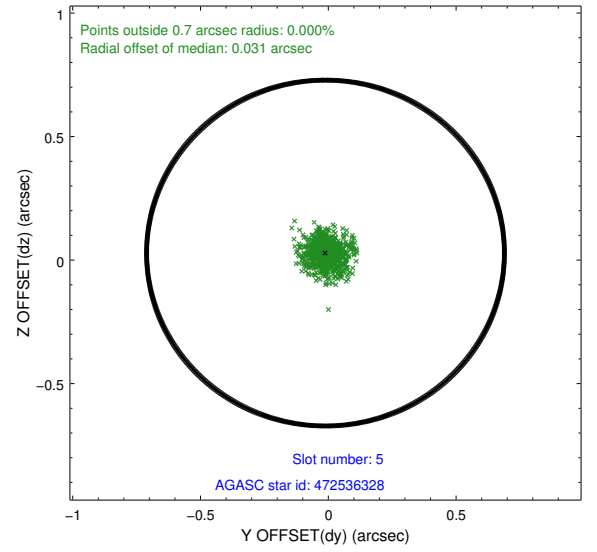
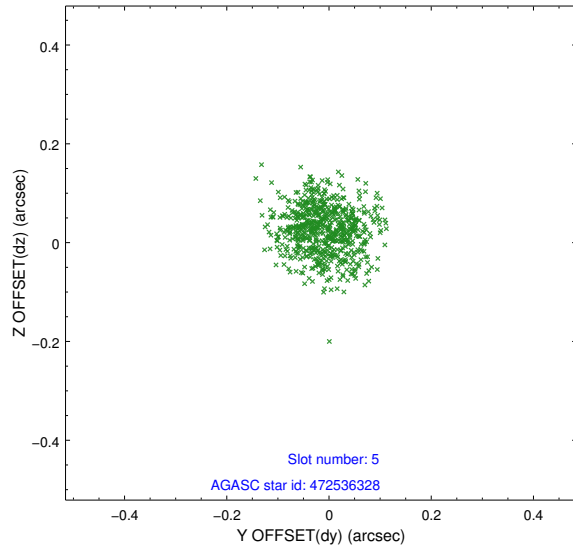
2.4.1 Slot 3



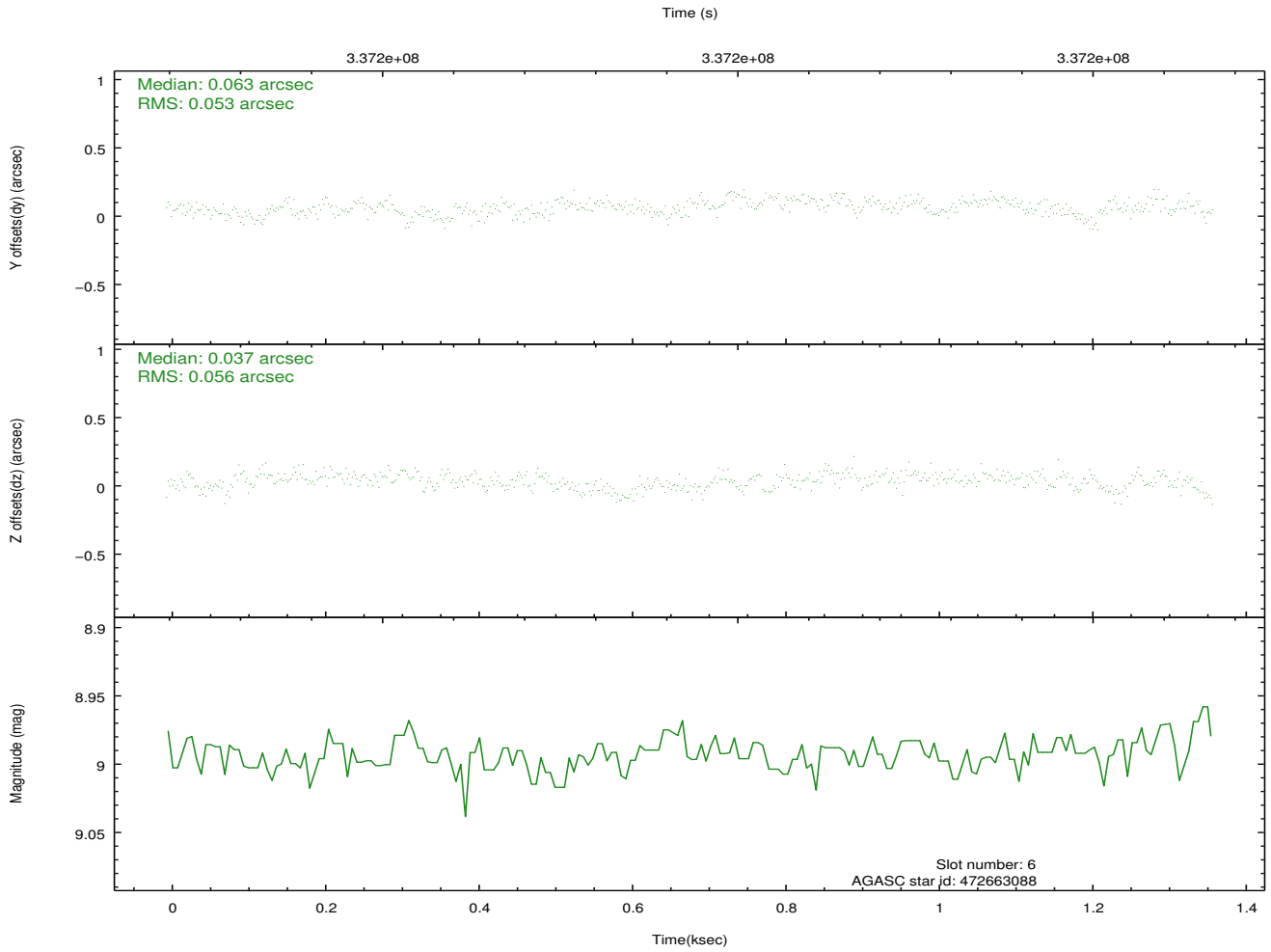
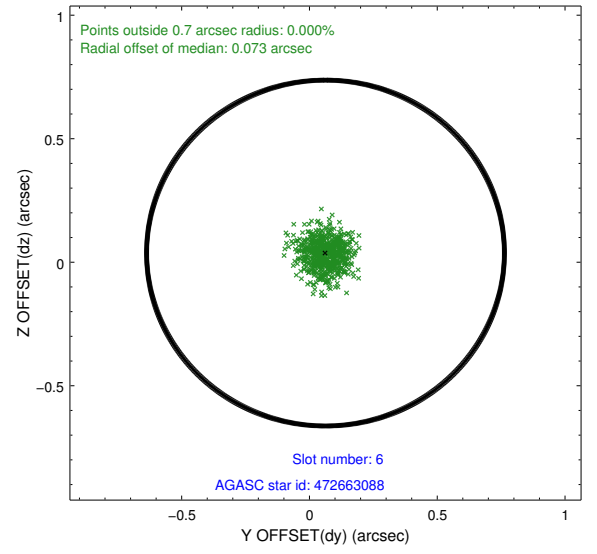
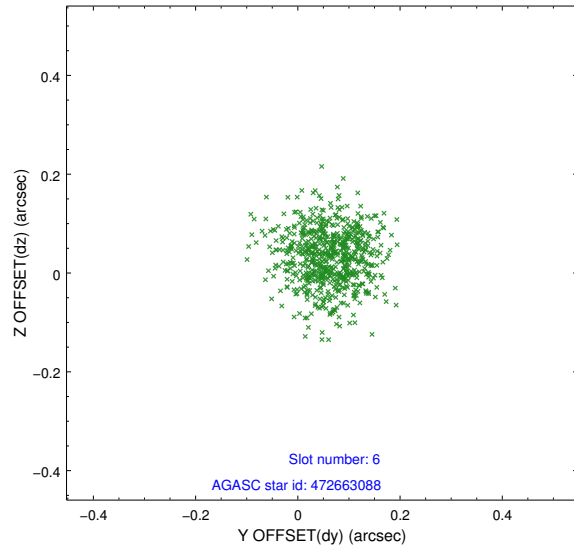
2.4.2 Slot 4



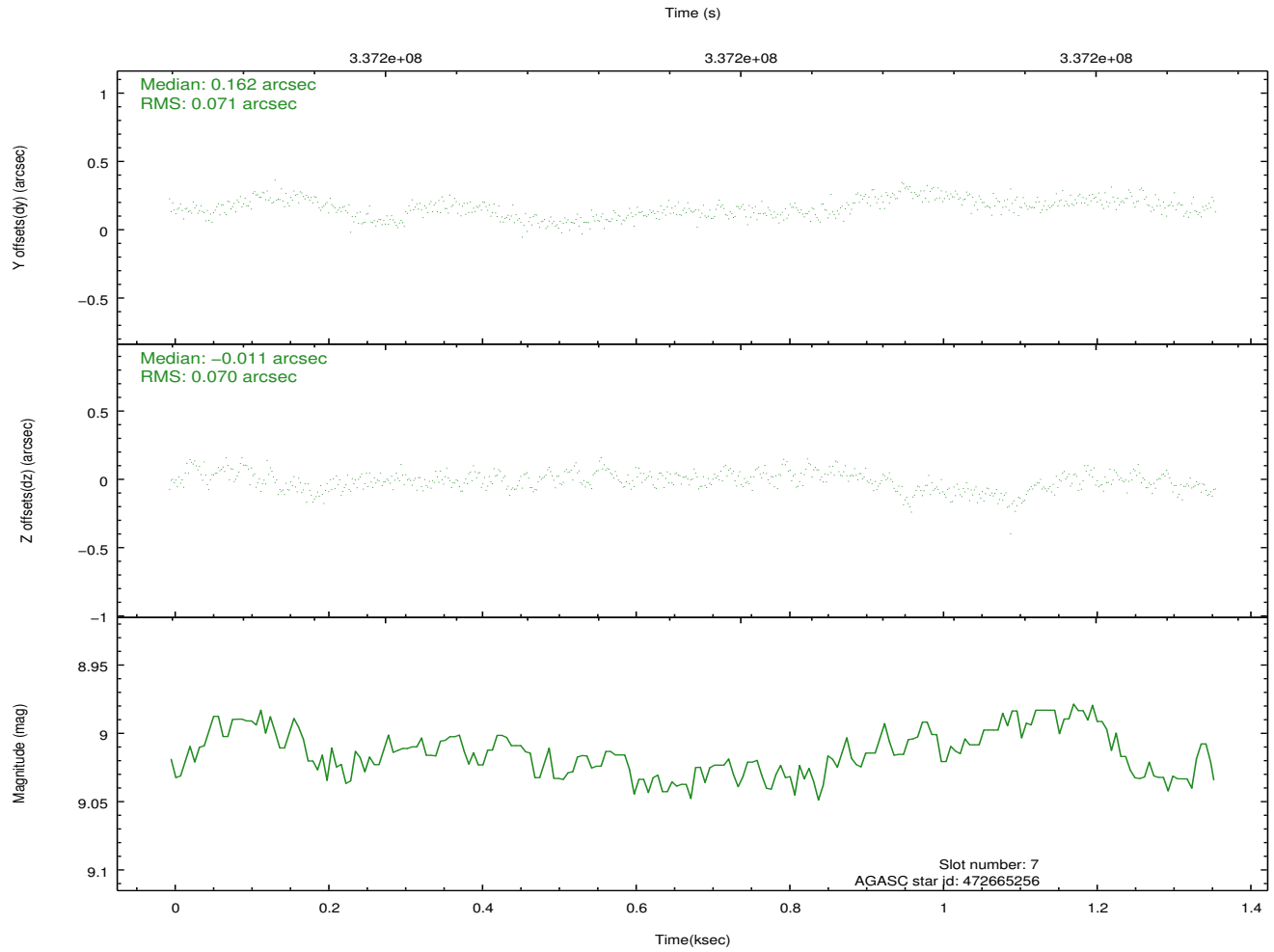
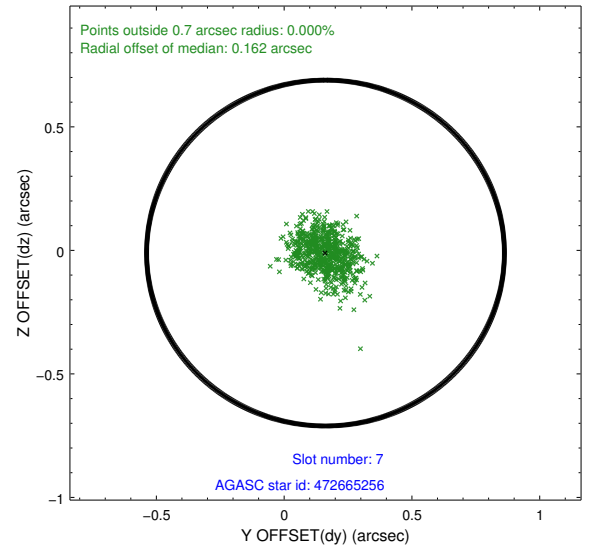
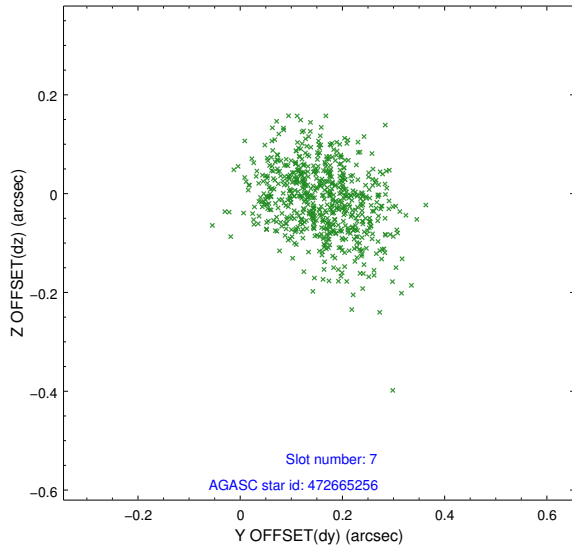
2.4.3 Slot 5



2.4.4 Slot 6

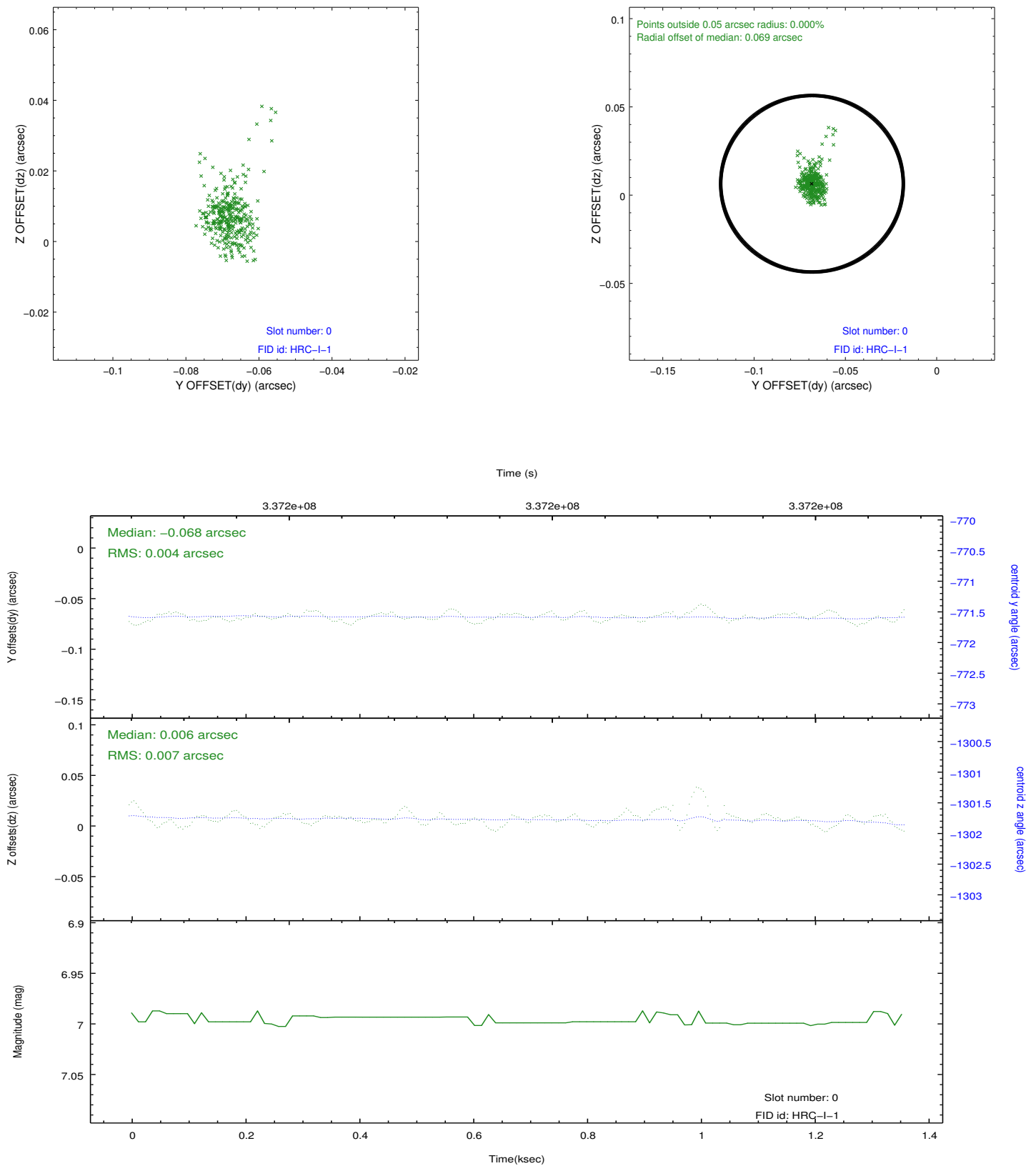


2.4.5 Slot 7

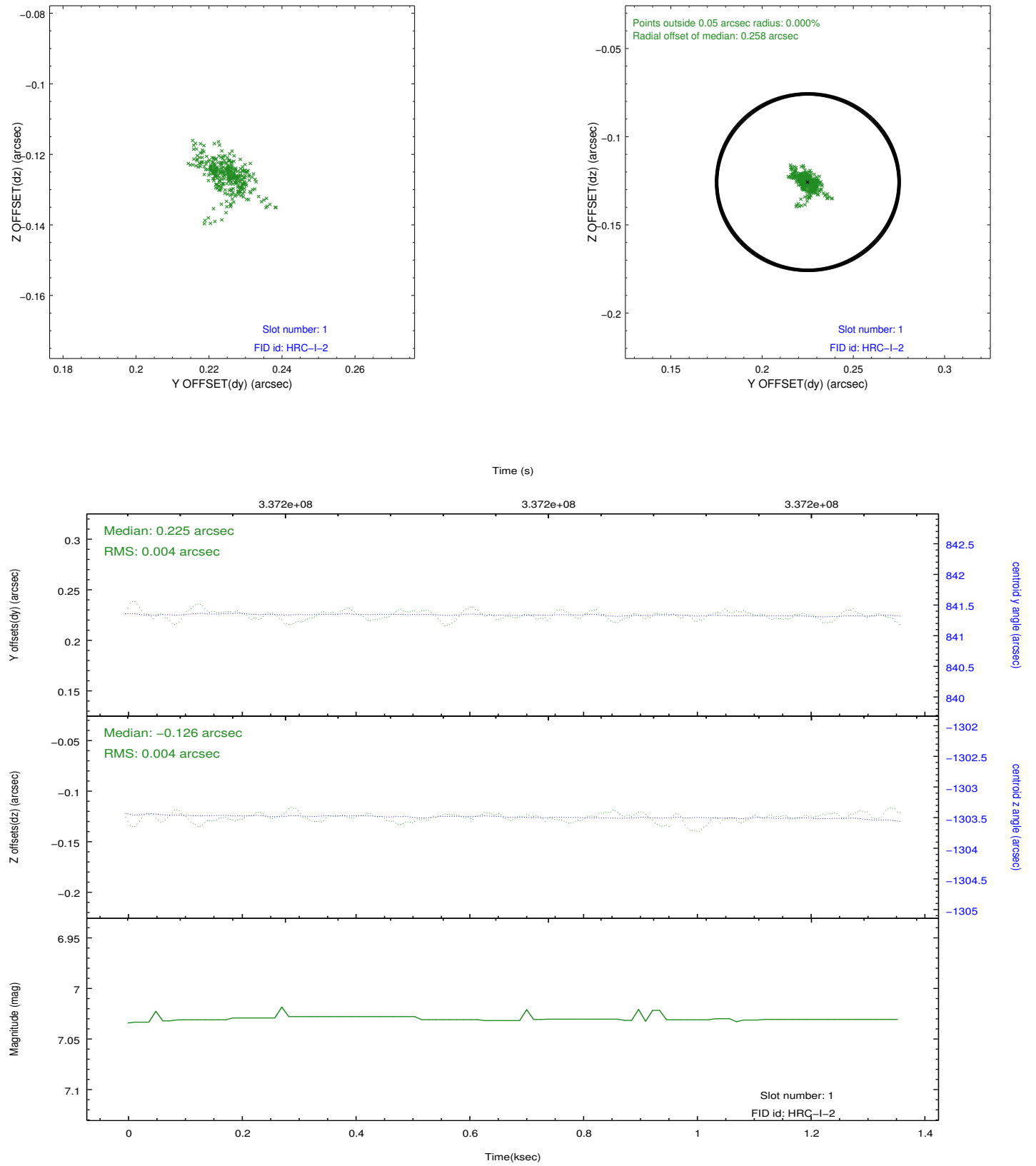


2.5 FID Slots

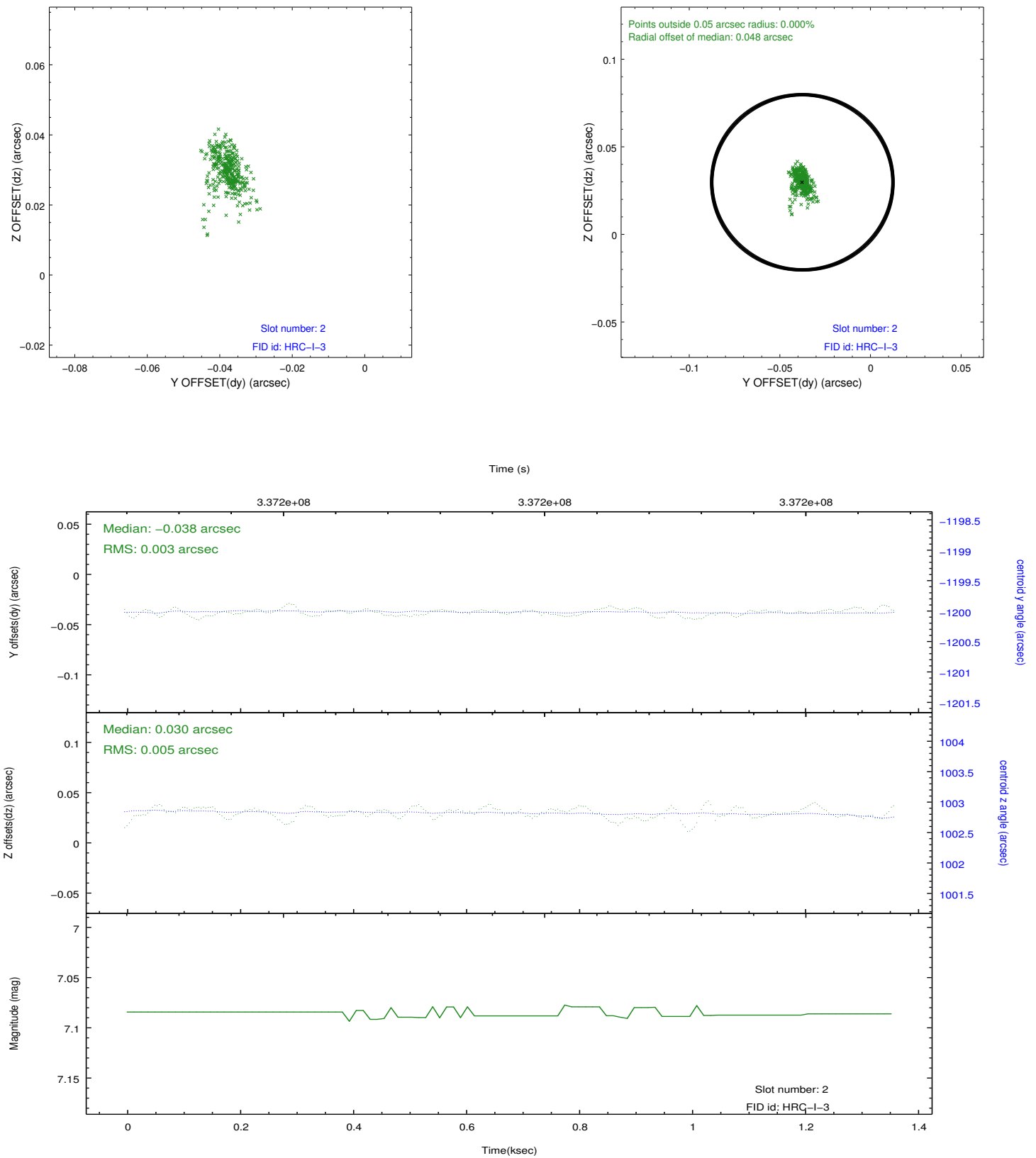
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36248131

A.2 Comments