

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2348 - L2 Version 6
Chandra X-Ray Center

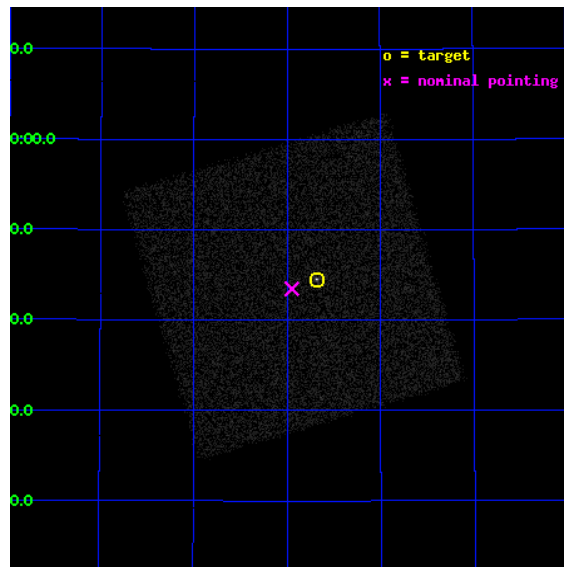
L2 Processing Date : Sep 4 2012

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1 Front

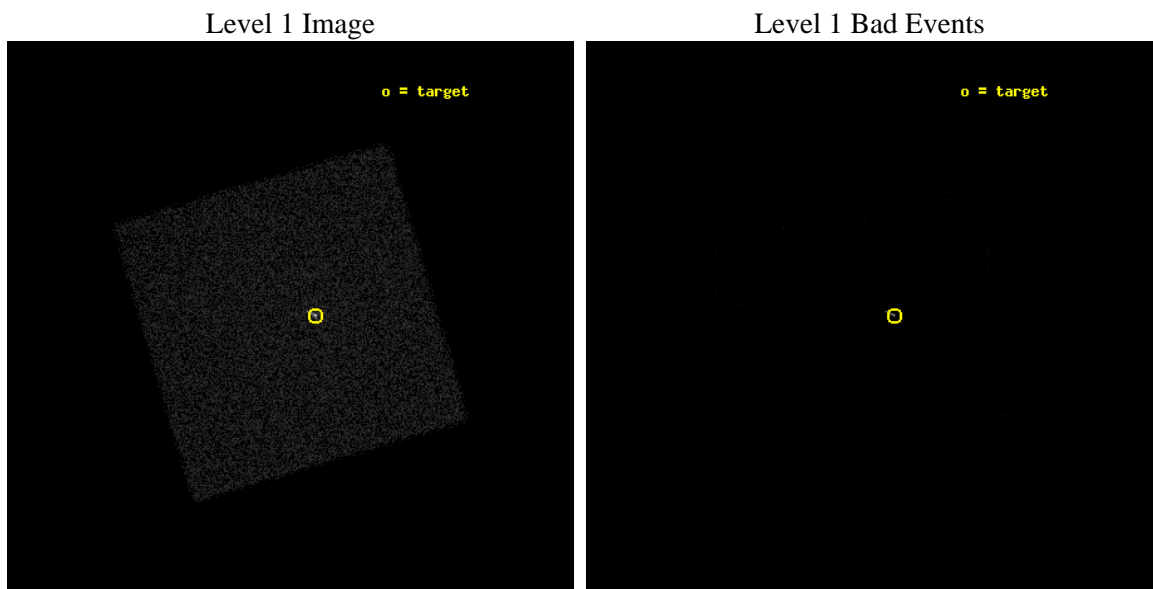
seq_num	290095	Sequence number
obs_id	2348	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23679744171	Nominal RA [deg]
dec_nom	45.724751807963	Nominal Dec [deg]
roll_nom	298.58195423802	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1198.4812958241	[s]
livetime	1192.3268963594	Ontime multiplied by DTCOR
l2events	37826	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	1198.4812958241	[s]
caldbver	4.5.1.1	 	l1events	65250	Number of level 1 events
date	2012-09-04T06:09:22	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

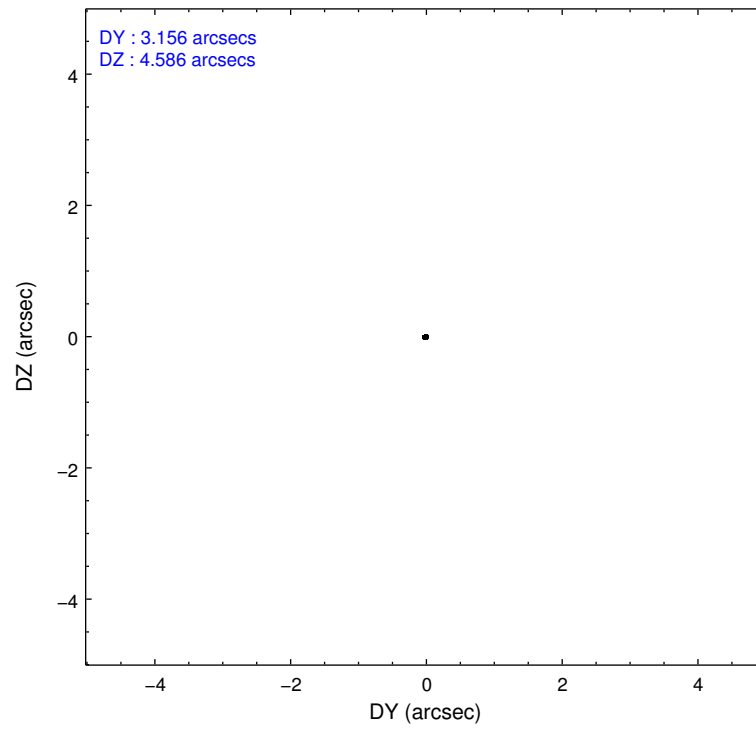
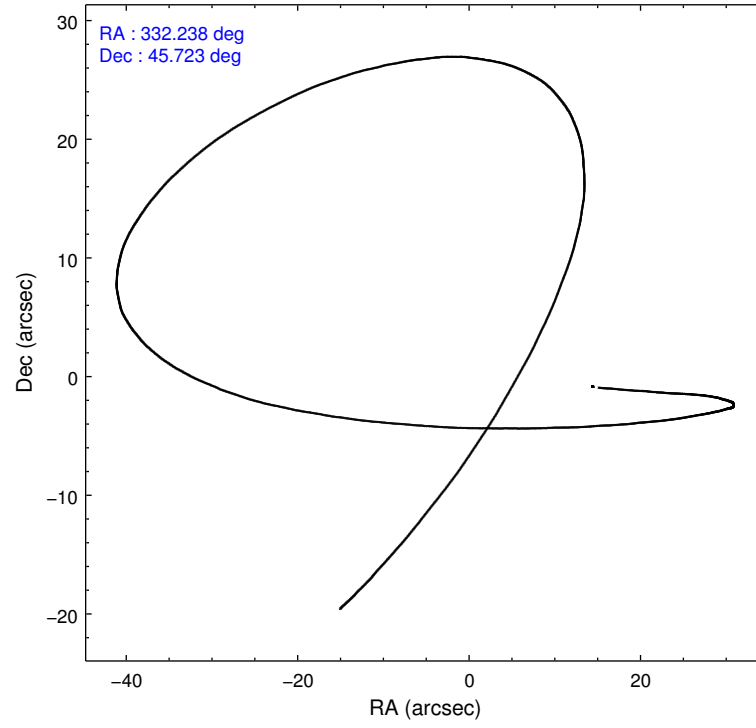
	segment 0
level 1 events	65250
rejected events	13429
rejected %	20%

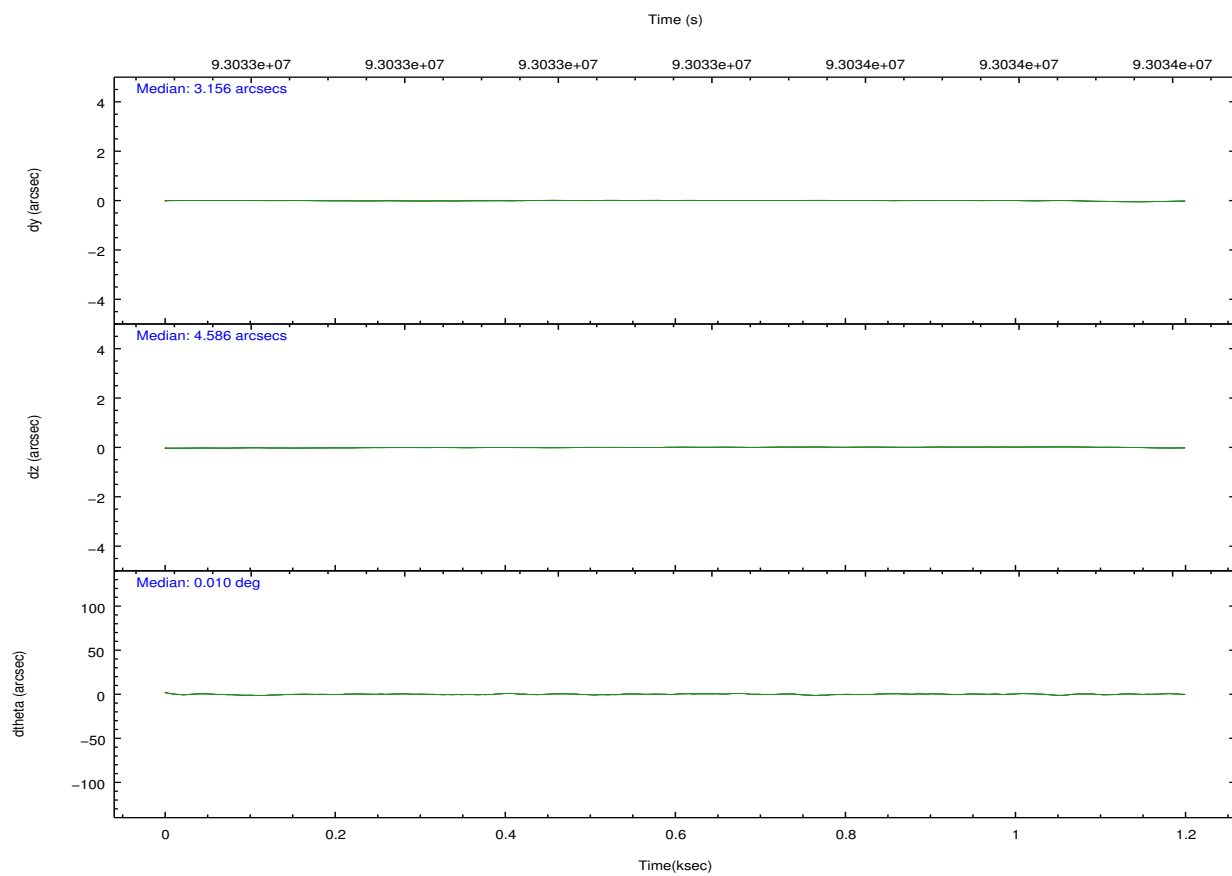
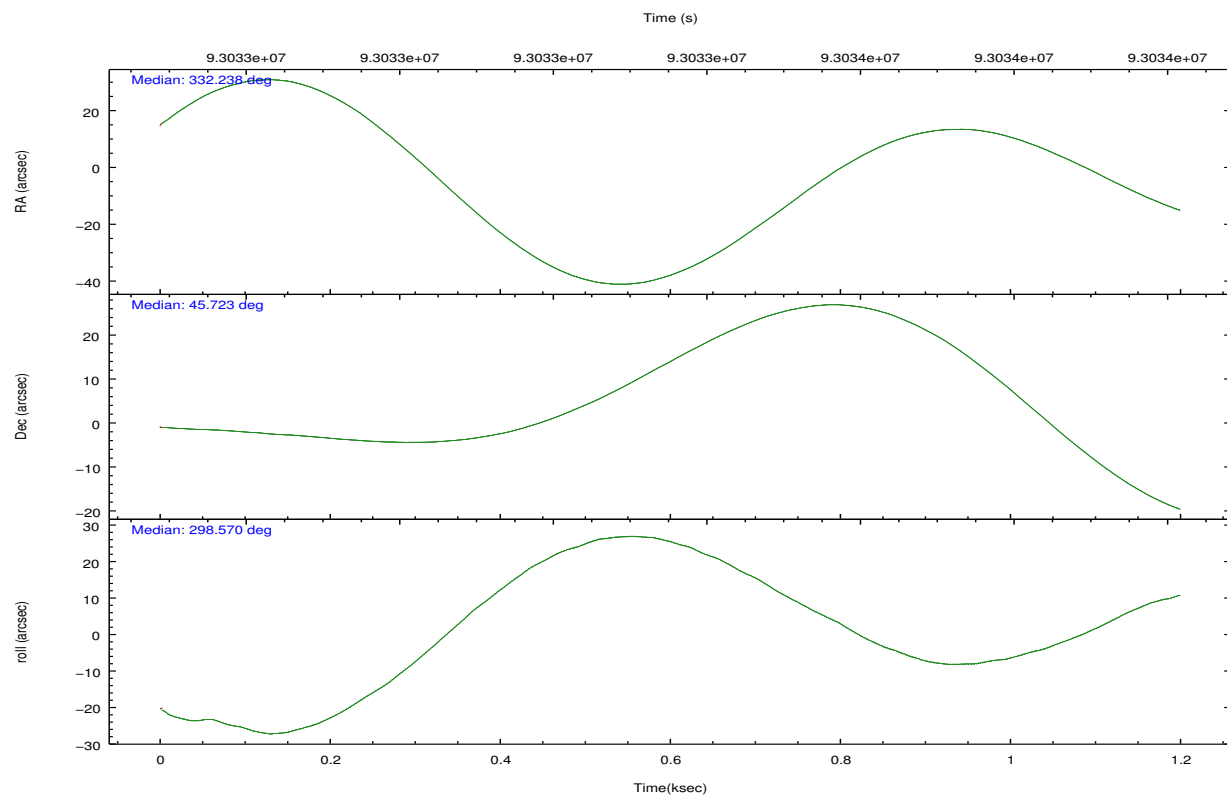
2.2 Compared Parameters

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	332.201840	332.2367974417116
[deg] Pointing Dec	45.738507	45.72475180796318
[deg] Pointing Roll	298.702499	298.5819542380228
[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)	93032951.184000	93032574.825185
Observation start date	2000-12-12T18:28:07	2000-12-12T18:22:54
[s] Observation end time (MET)	93033951.184000	93034085.162742
Observation end date	2000-12-12T18:44:47	2000-12-12T18:48:05

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

2.3 Aspect



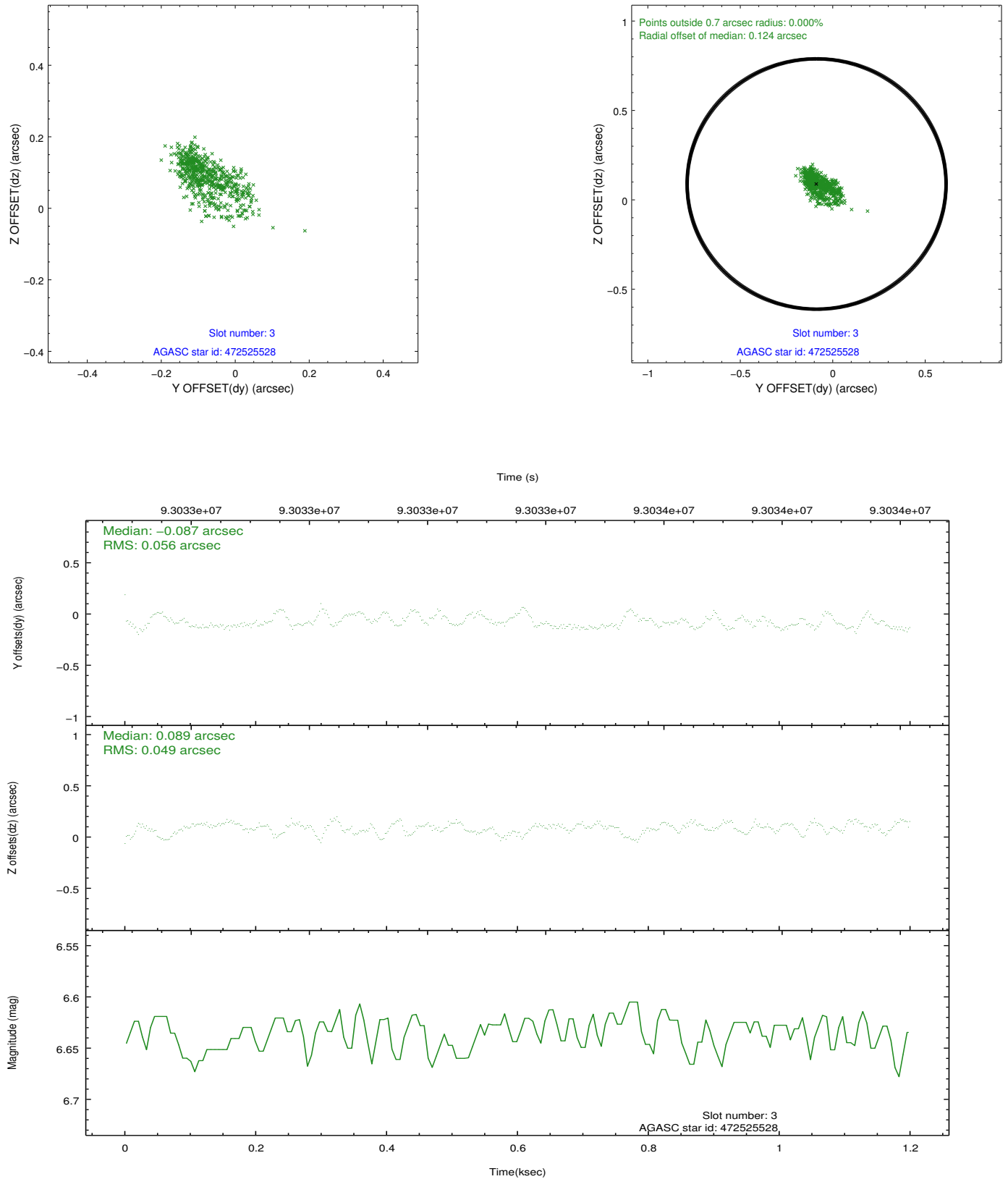


Slot Statistics

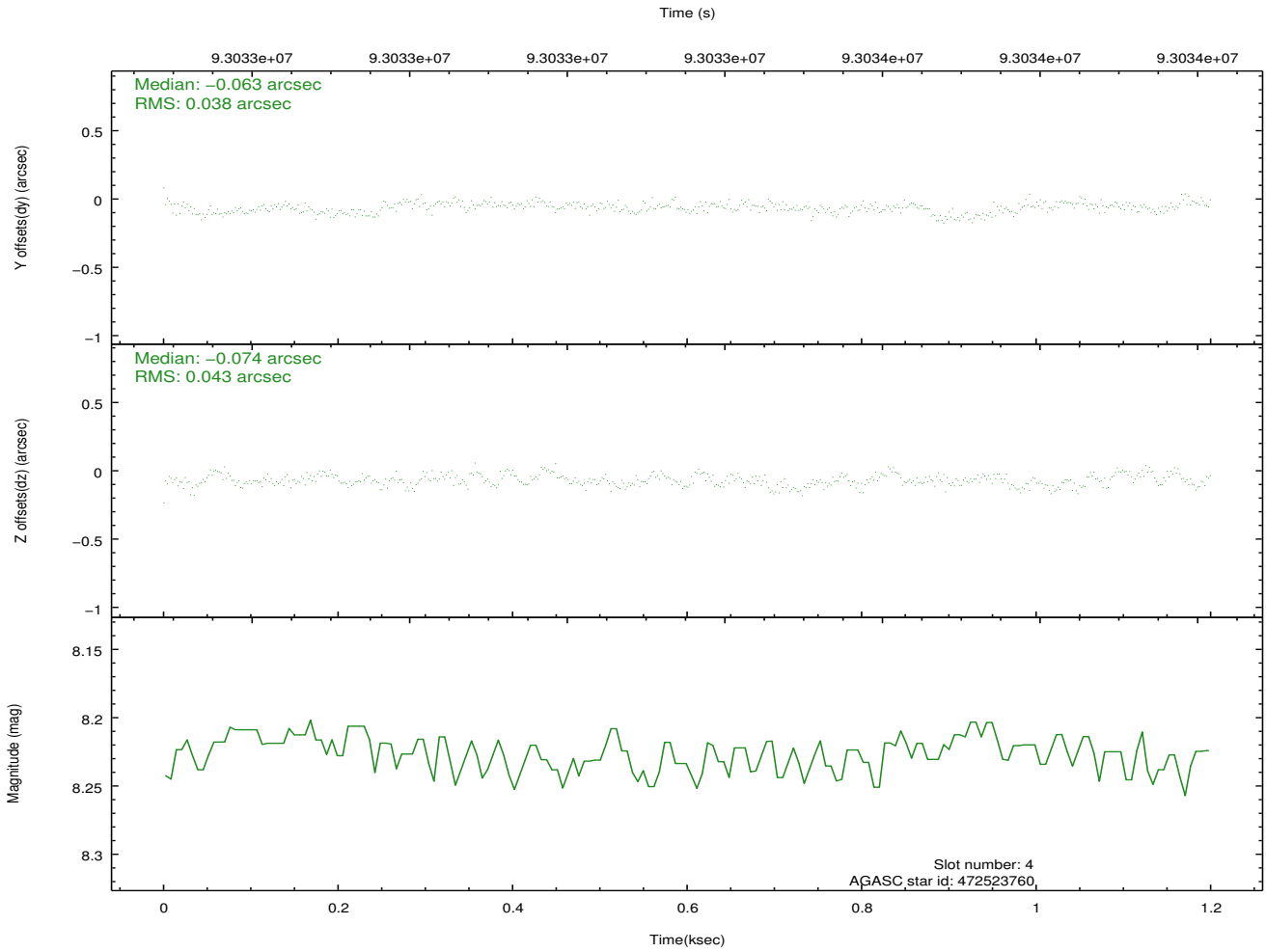
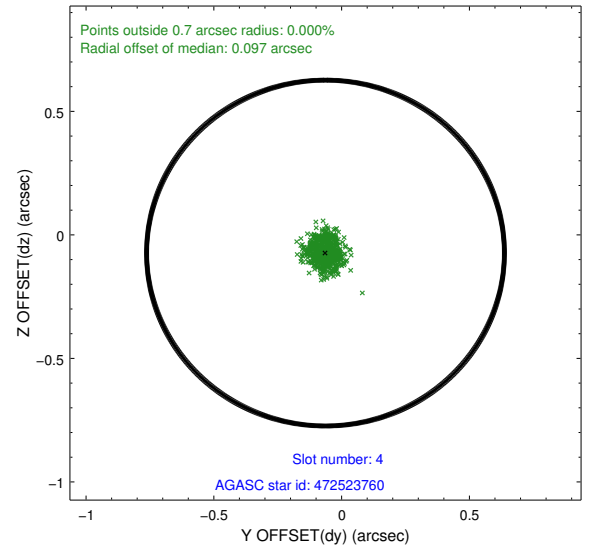
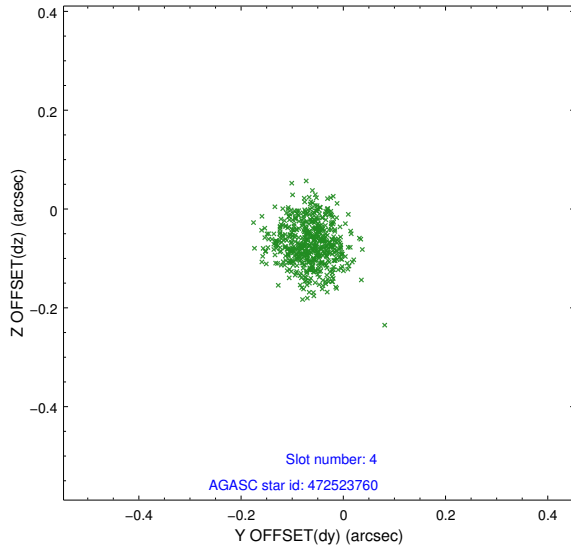
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.046	0.028	0.005	0.009	0.000000	0.000000	-758.61	-1292.37
1	FID	HRC-I-2	7.00	293	0.082	-0.056	0.006	0.013	0.000000	0.000000	851.47	-1298.46
2	FID	HRC-I-4	6.99	293	-0.011	-0.063	0.005	0.011	0.000000	0.000000	1287.07	1005.24
3	GUIDE	472525528	6.64	586	-0.087	0.089	0.075	0.135	331.551102	45.248694	747.38	-2294.07
4	GUIDE	472523760	8.23	586	-0.063	-0.074	0.063	0.097	331.645363	45.403260	378.65	-1818.92
5	GUIDE	472665256	9.02	586	-0.083	-0.030	0.081	0.136	332.808125	46.195041	-722.62	2109.99
6	GUIDE	420754040	9.10	586	0.183	-0.080	0.110	0.168	331.917939	44.882543	2351.66	-2114.51
7	GUIDE	472659832	9.46	585	0.037	0.110	0.091	0.154	332.780399	46.098139	-444.57	1883.48

2.4 Star Slots

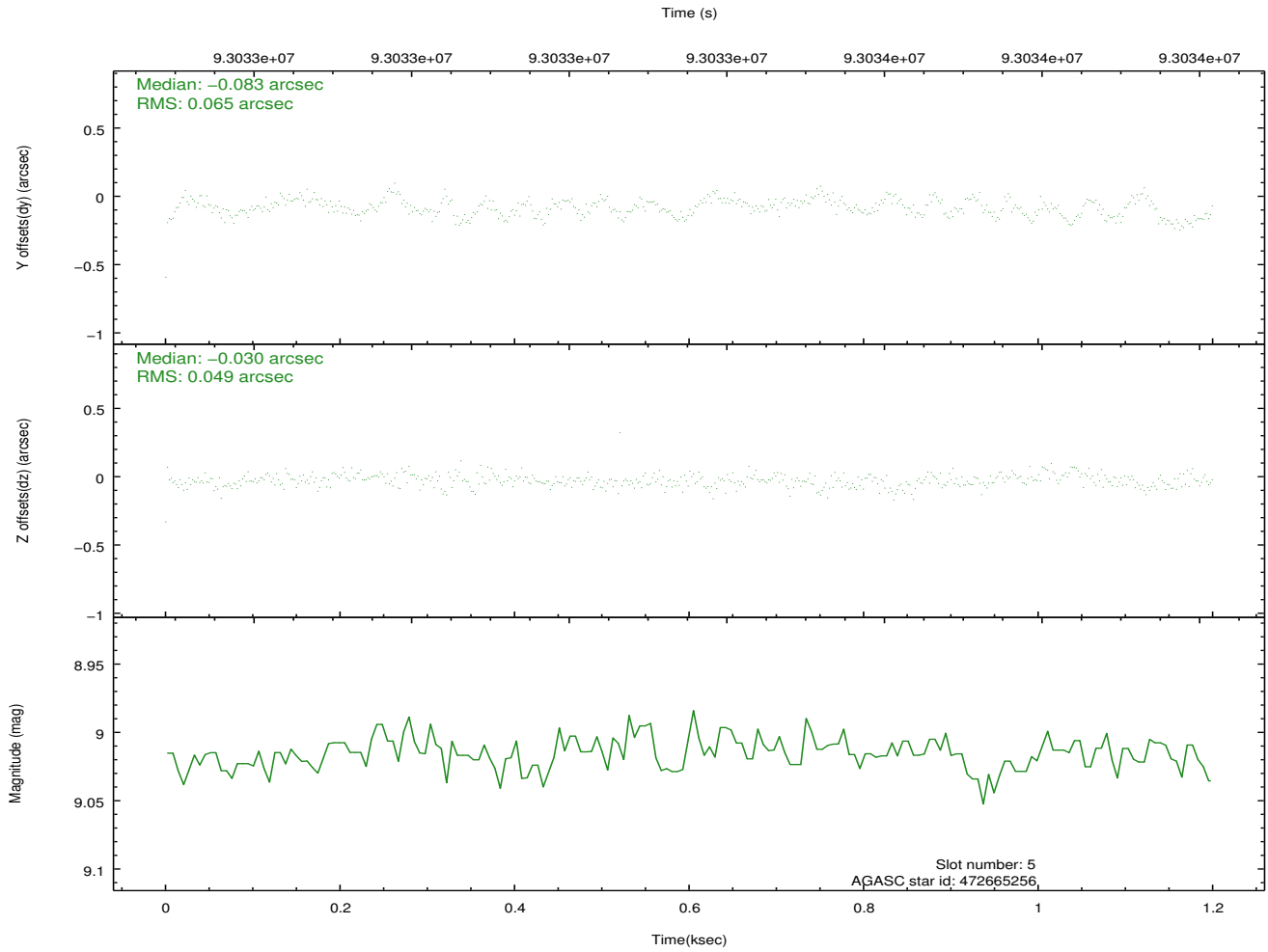
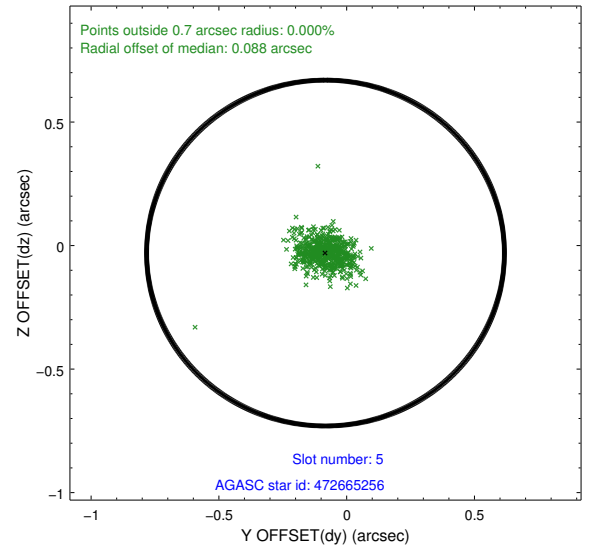
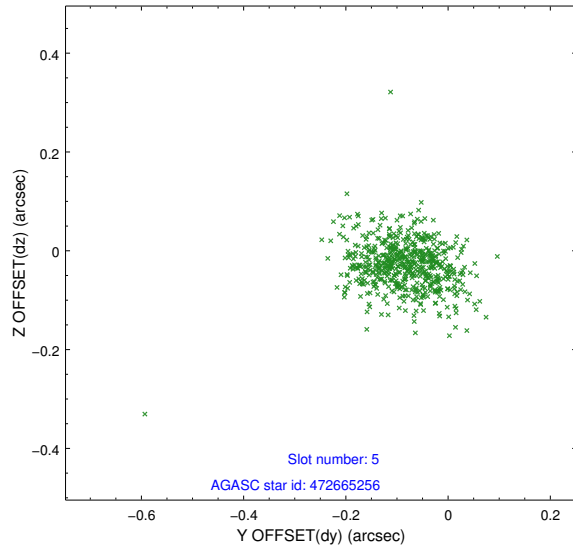
2.4.1 Slot 3



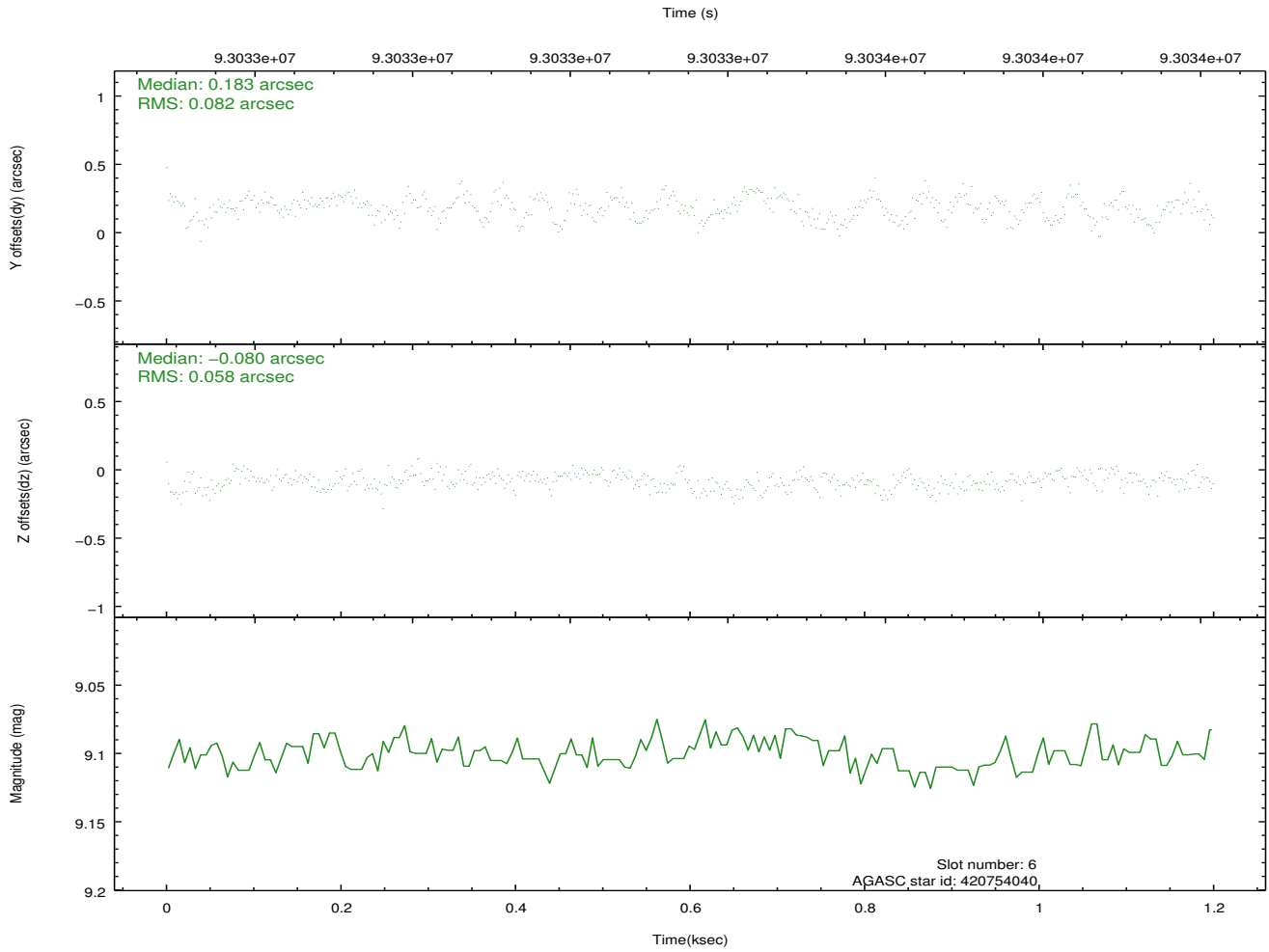
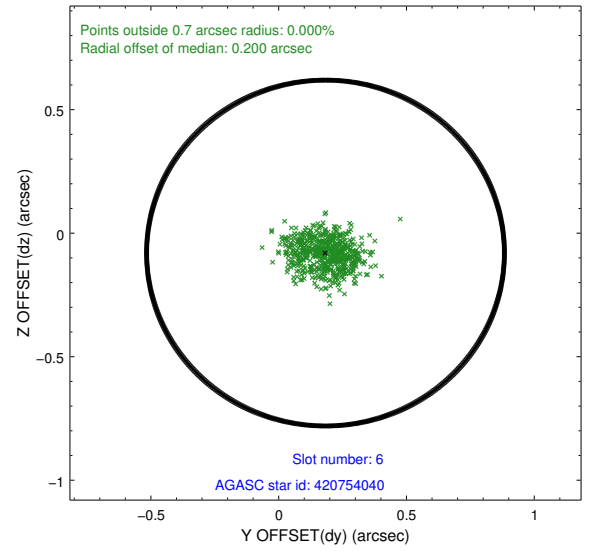
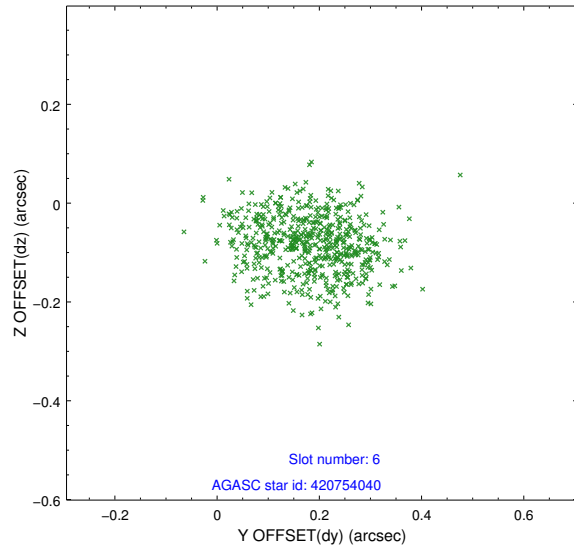
2.4.2 Slot 4



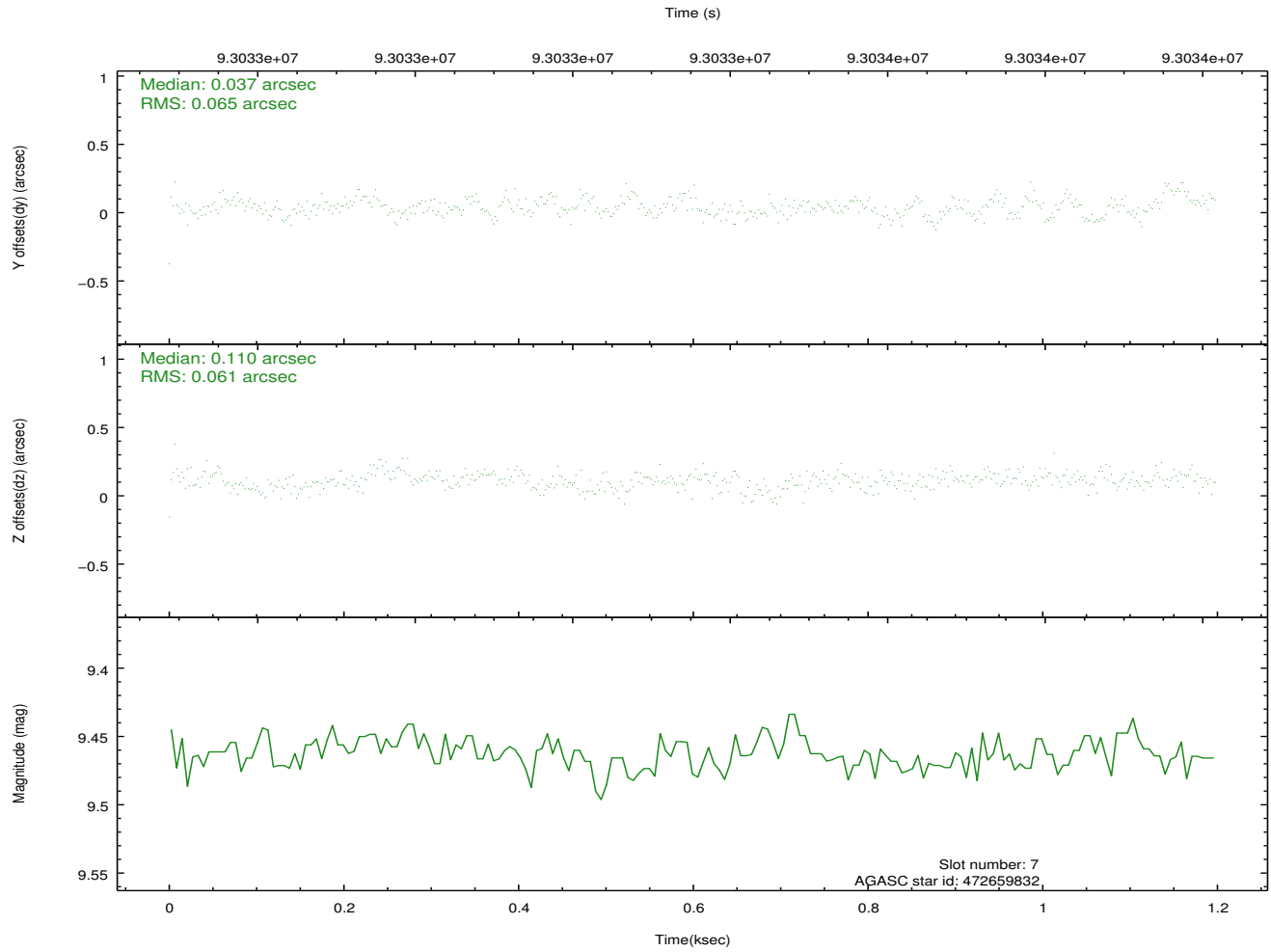
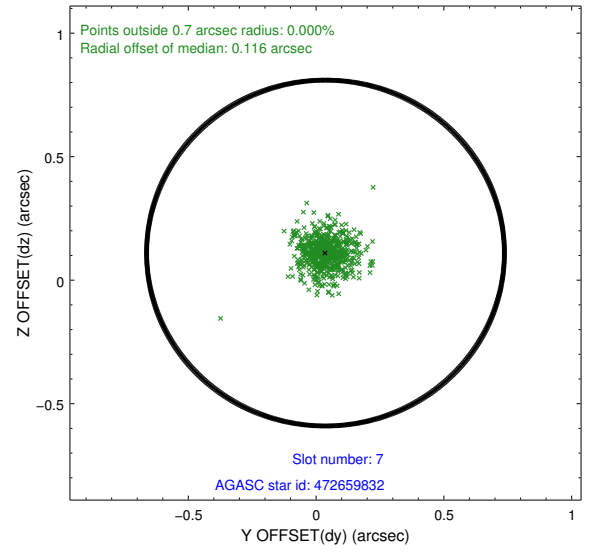
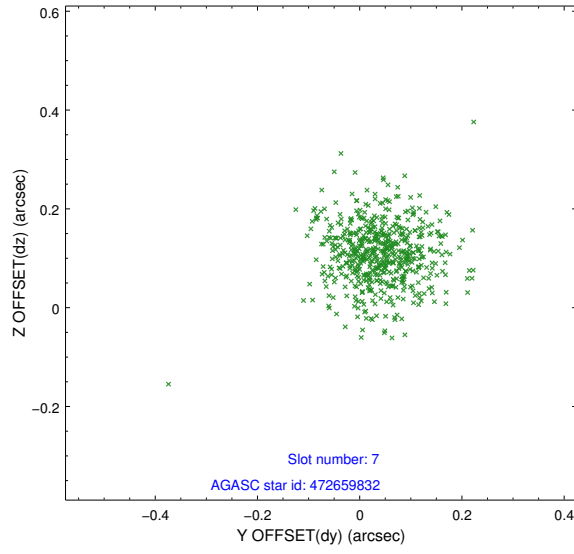
2.4.3 Slot 5



2.4.4 Slot 6

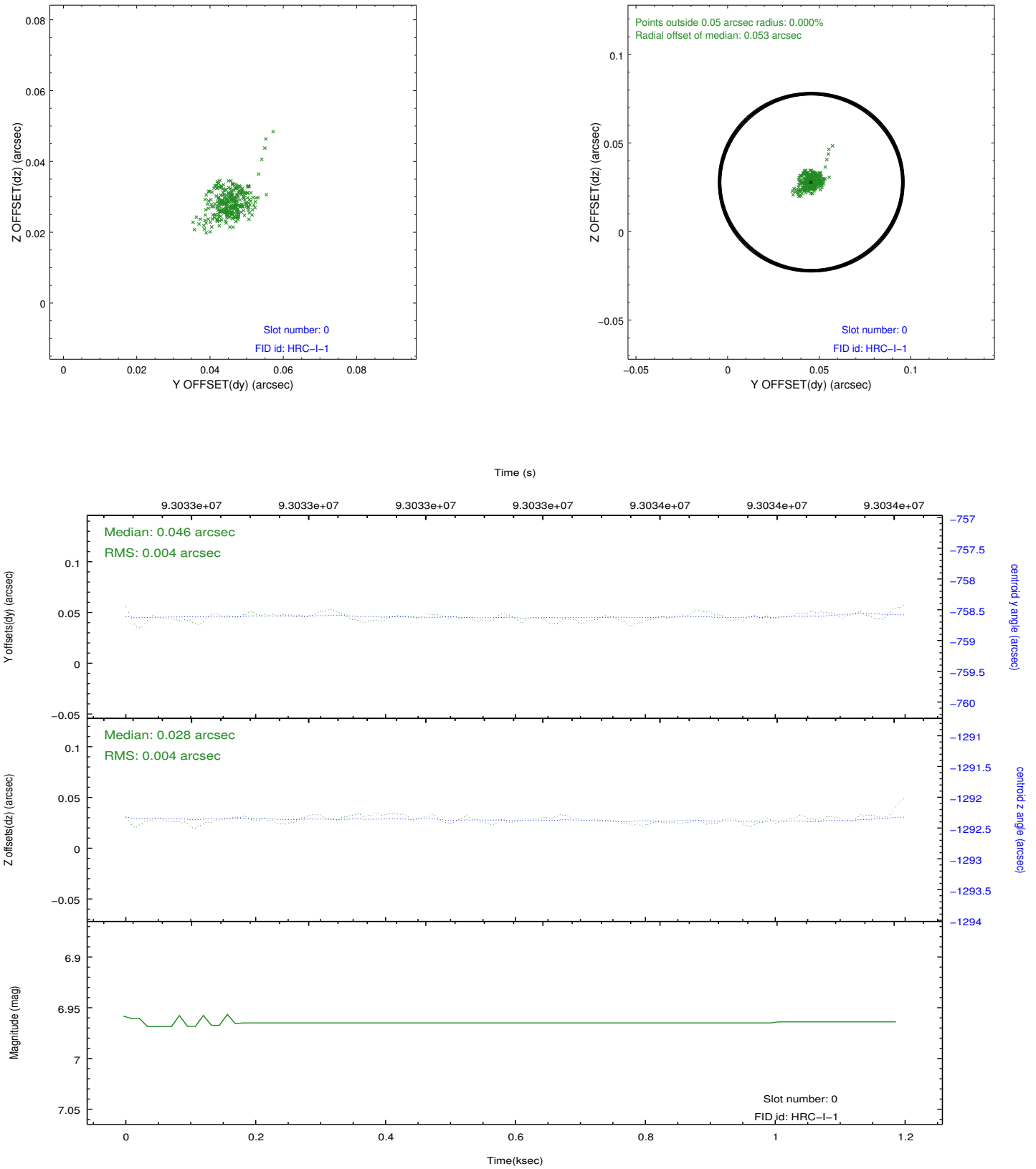


2.4.5 Slot 7

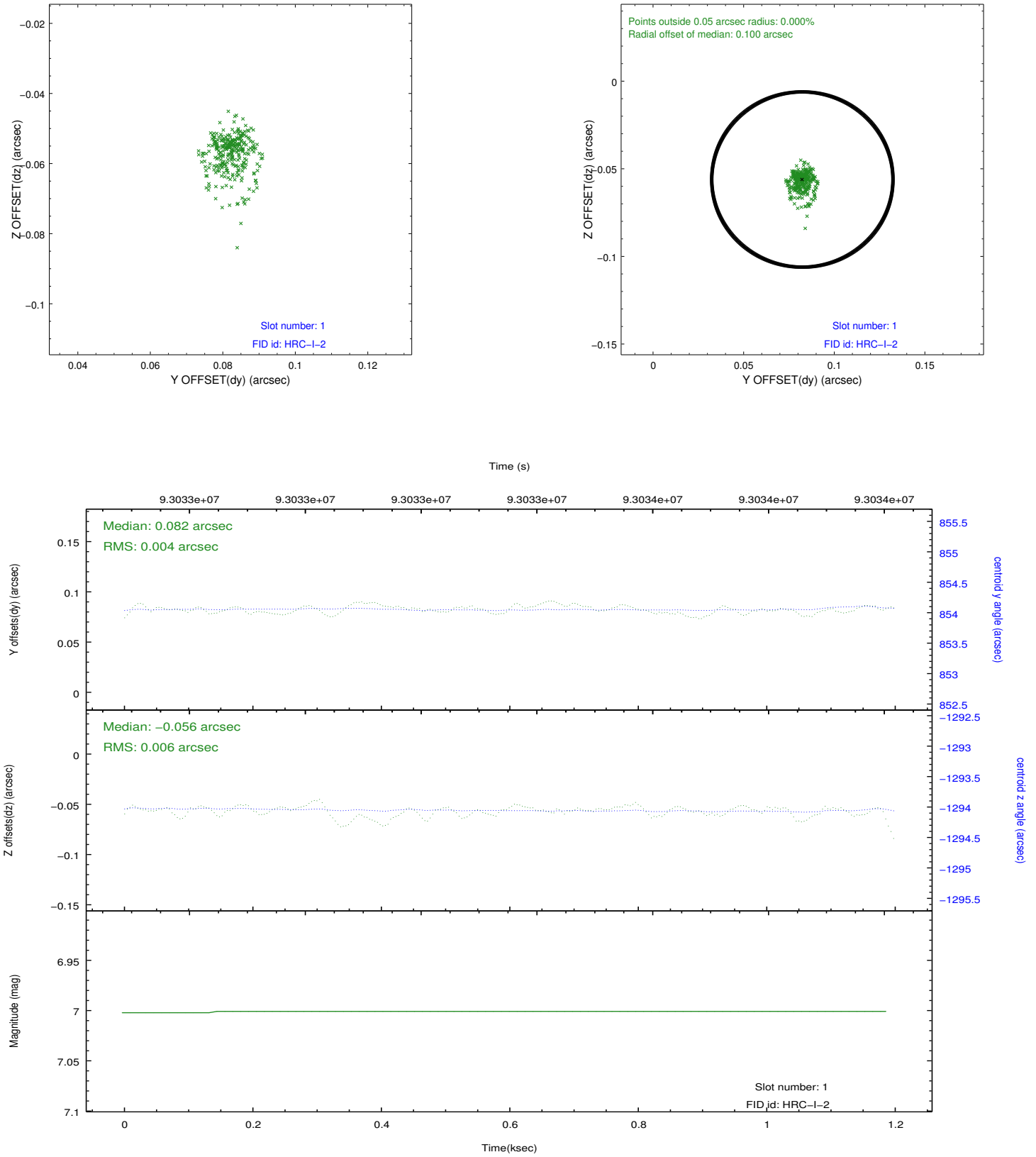


2.5 FID Slots

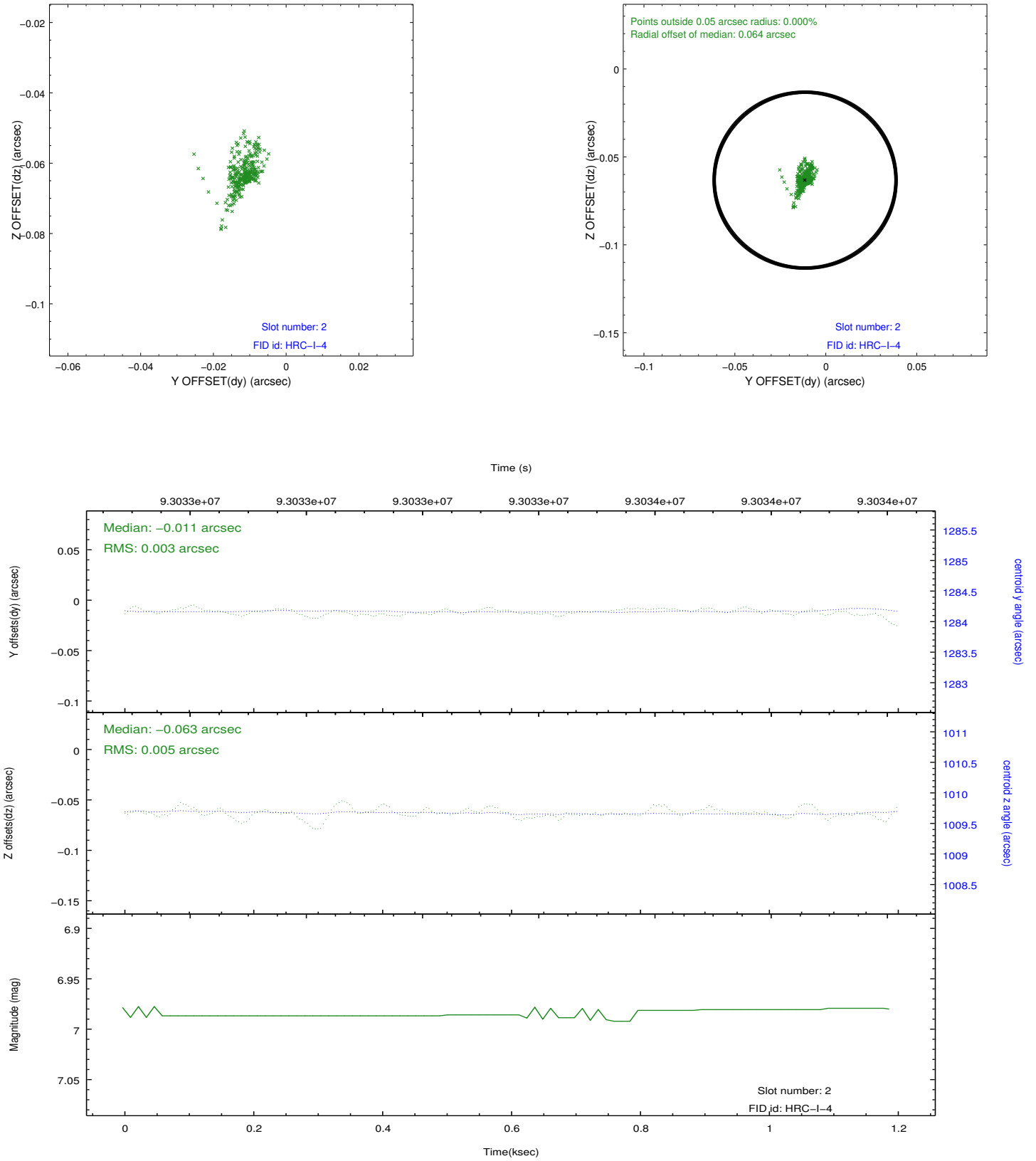
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.198

A.2 Comments