

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5996 - L2 Version 4
Chandra X-Ray Center

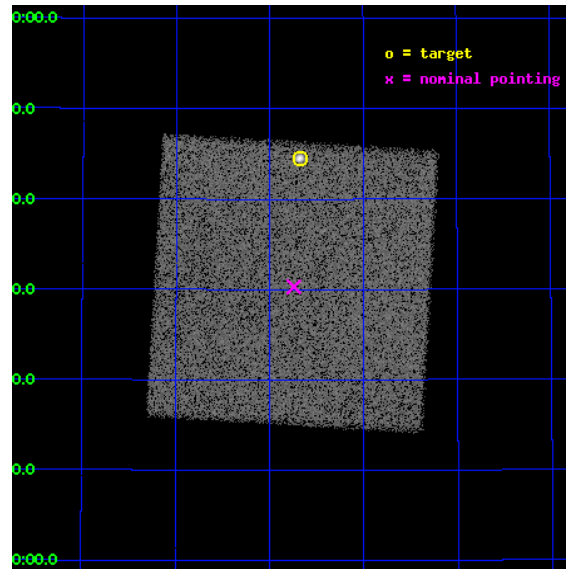
L2 Processing Date : Dec 29 2012

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1 Front

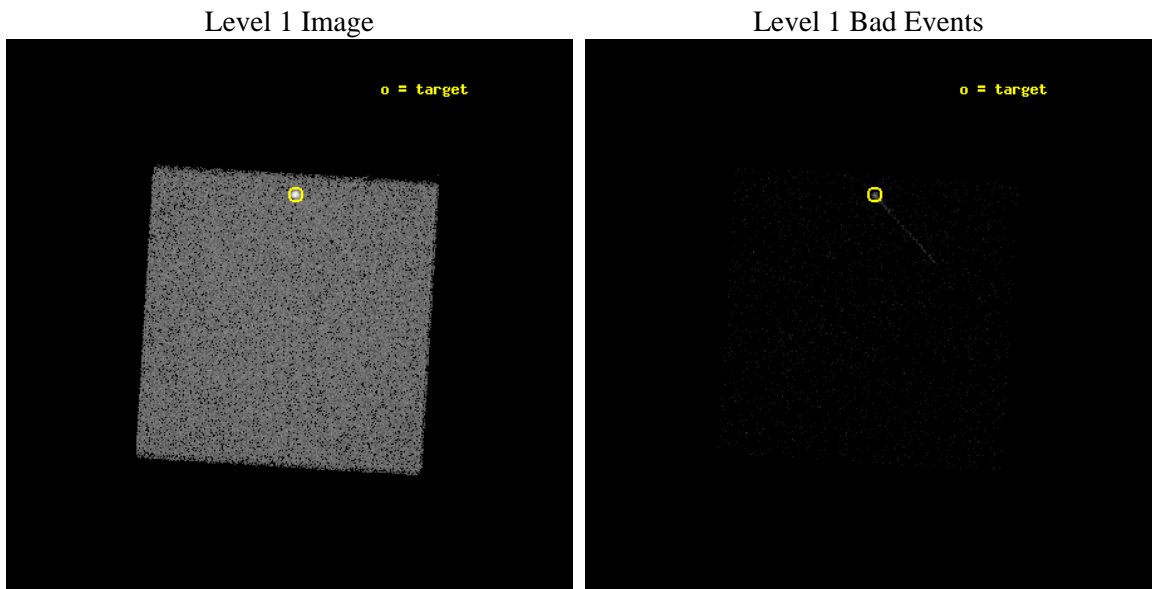
seq_num	290488	Sequence number
obs_id	5996	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18560328974	Nominal RA [deg]
dec_nom	45.505127639296	Nominal Dec [deg]
roll_nom	228.4730342979	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1112.3813011944	[s]
livetime	1099.9805158526	Ontime multiplied by DTCOR
l2events	92965	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	950.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1112.3813011944	[s]
caldbver	4.5.5	 	l1events	254024	Number of level 1 events
date	2012-12-30T03:15:13	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

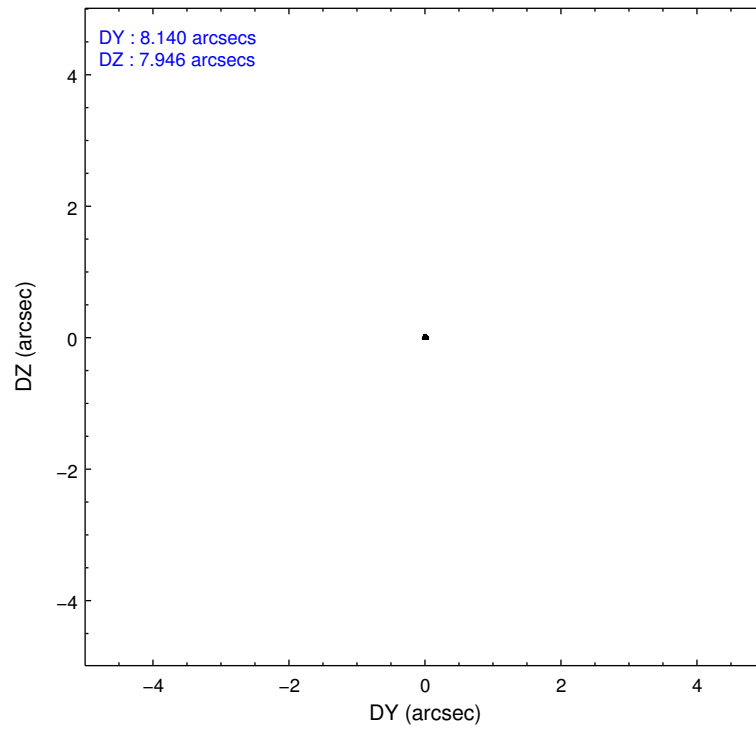
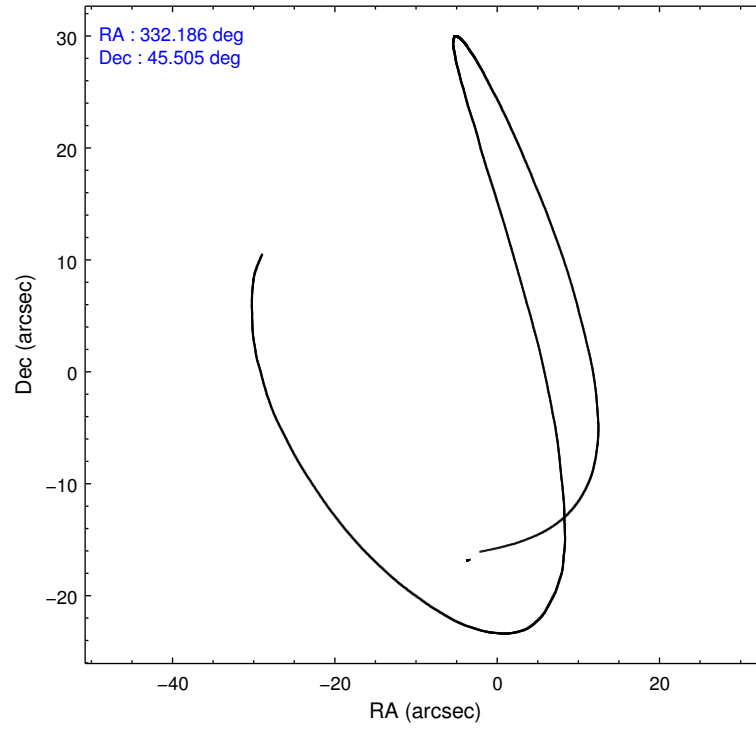
Level 1 Events

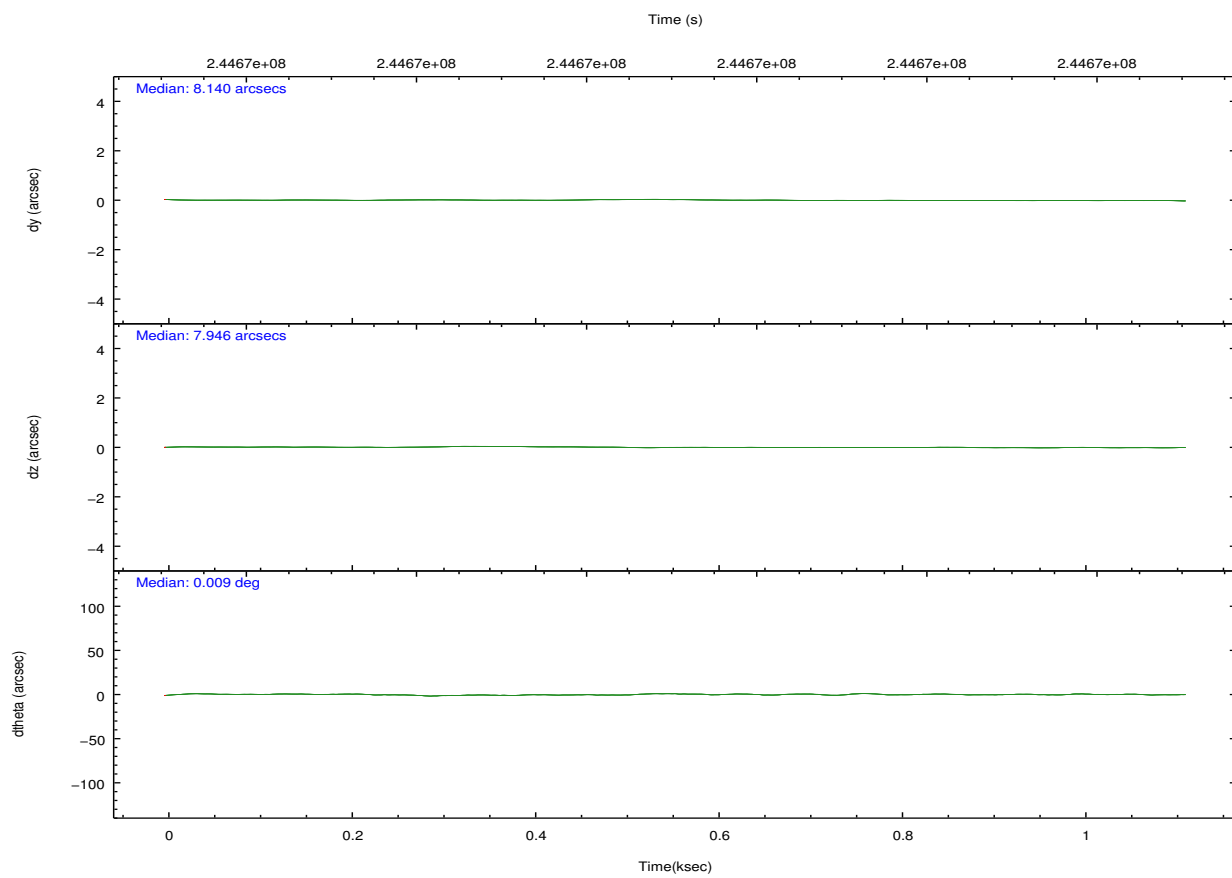
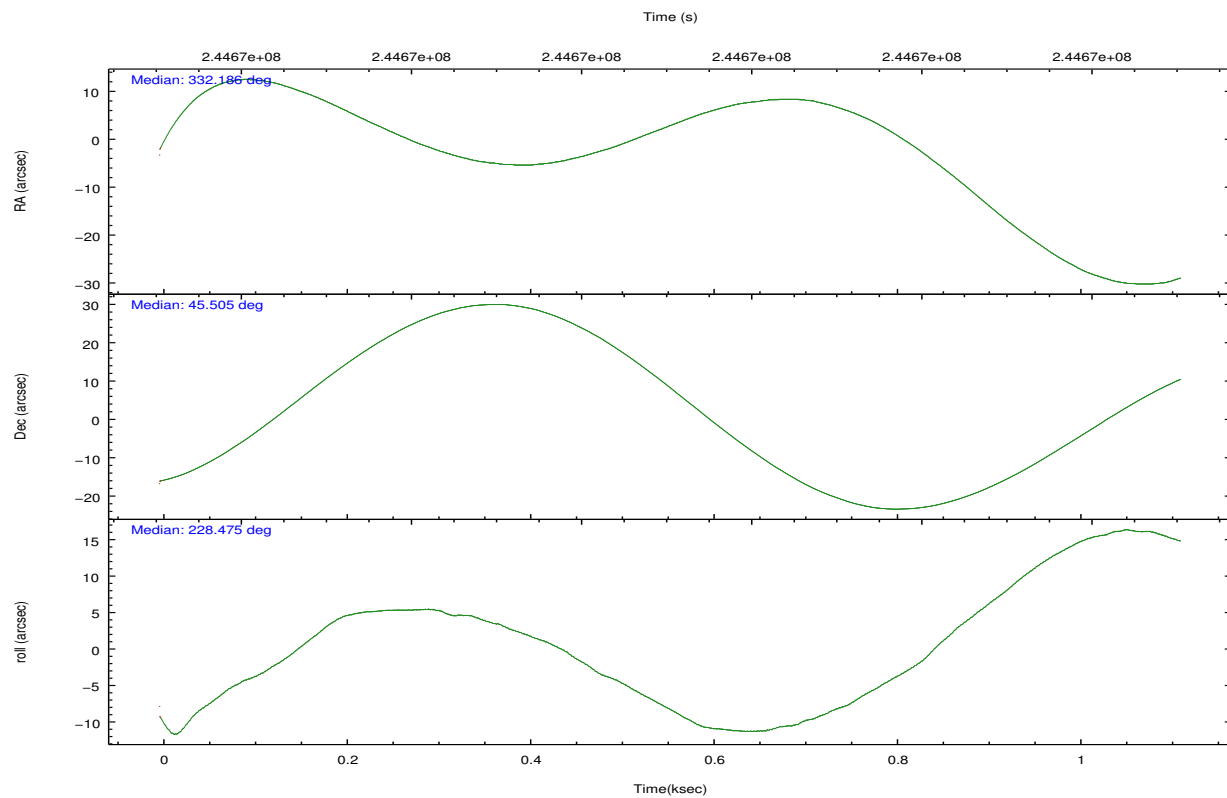
	segment 0
level 1 events	254024
rejected events	128456
rejected %	50%

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	332.192505	332.1856032897388			
[deg] Pointing Dec	45.531924	45.50512763929606			
[deg] Pointing Roll	228.563674	228.4730342978992			
[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)	244668511.184000	244667459.91864			
Observation start date	2005-10-02T19:27:27	2005-10-02T19:10:59			
[s] Observation end time (MET)	244669461.184000	244669595.50624			
Observation end date	2005-10-02T19:43:17	2005-10-02T19:46:35			

2.3 Aspect



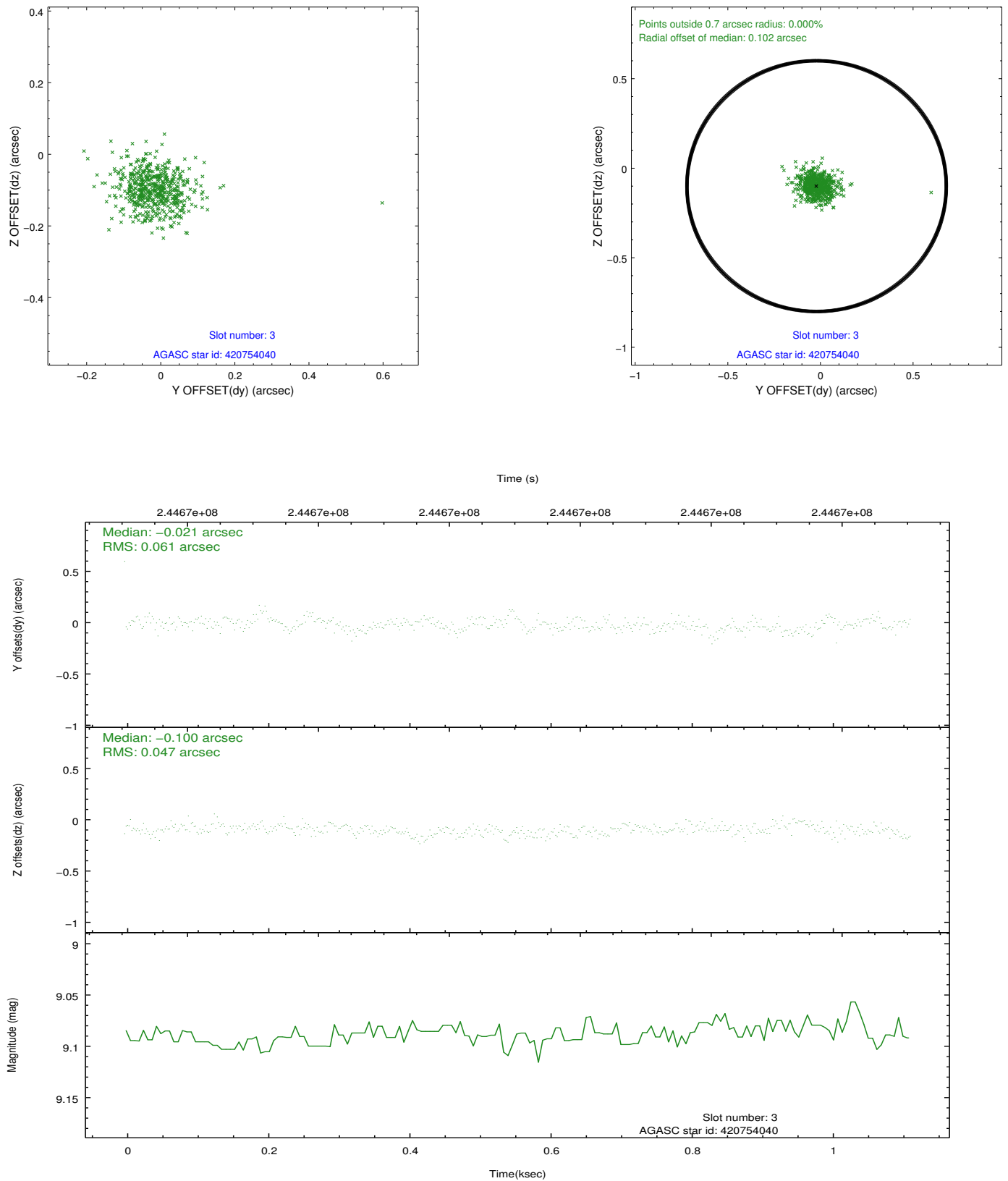


Slot Statistics

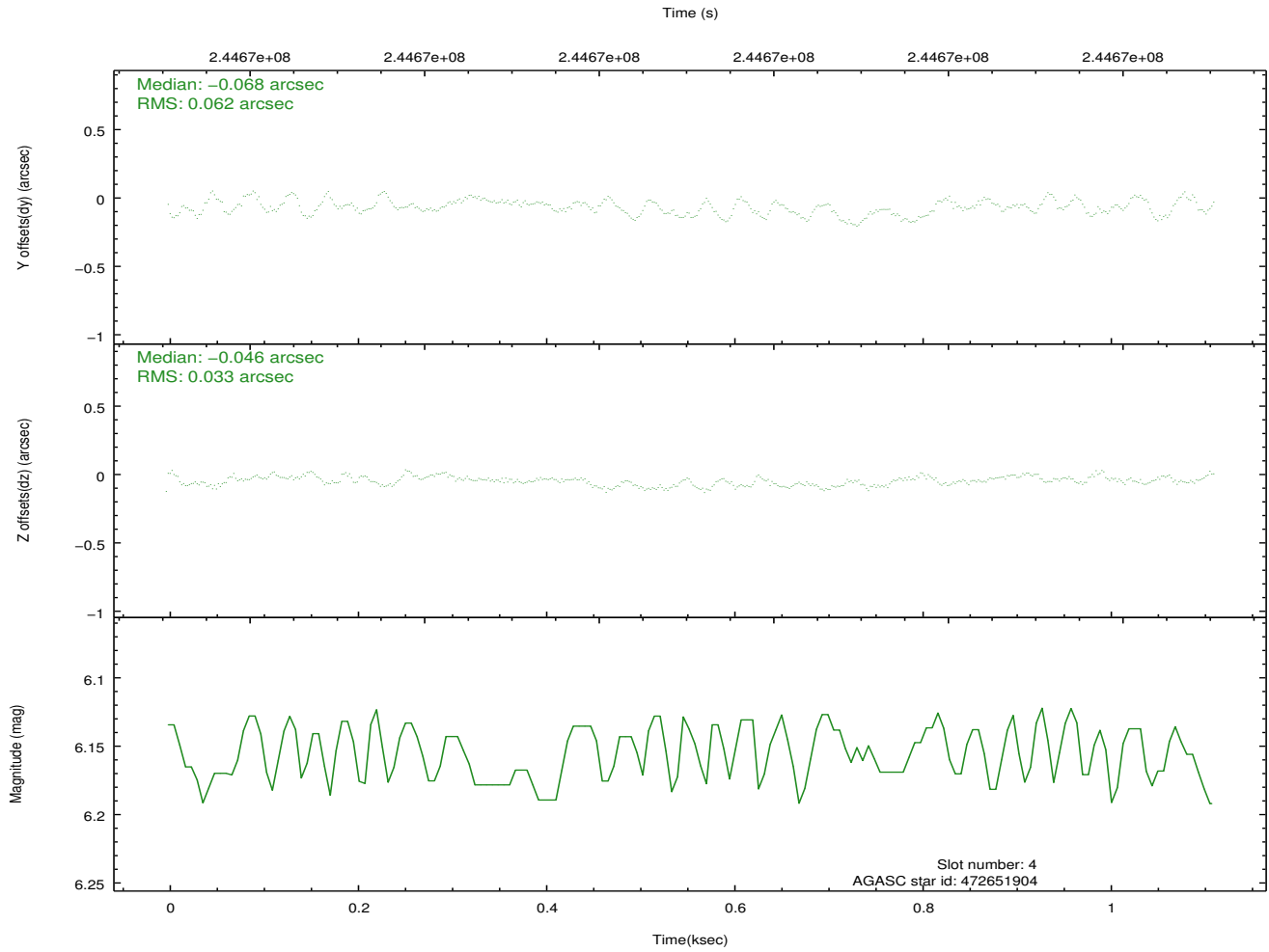
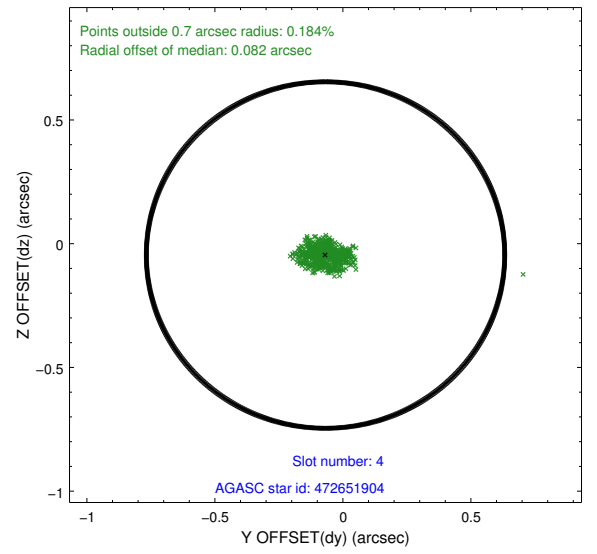
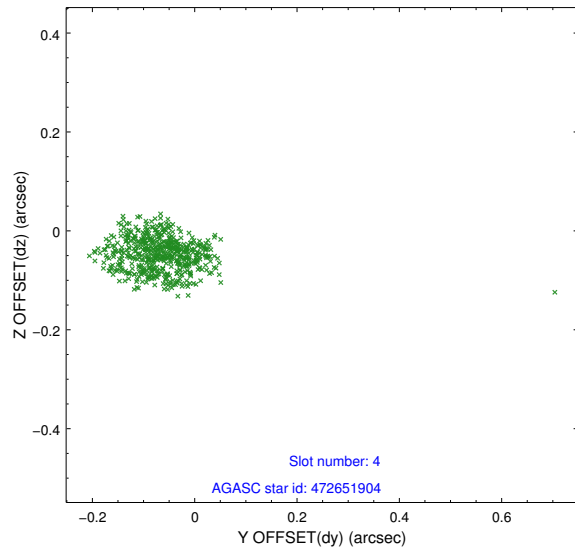
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	272	-0.009	0.055	0.010	0.018	0.000000	0.000000	-763.78	-1295.76
1	FID	HRC-I-2	7.03	272	0.159	-0.127	0.008	0.015	0.000000	0.000000	846.21	-1302.30
2	FID	HRC-I-3	7.08	272	-0.030	-0.016	0.009	0.023	0.000000	0.000000	-1189.15	1003.95
3	GUIDE	420754040	9.09	544	-0.021	-0.100	0.075	0.131	331.917939	44.882543	2214.67	1021.46
4	GUIDE	472651904	6.16	544	-0.068	-0.046	0.068	0.104	332.170077	45.742257	-526.40	-541.91
5	GUIDE	472655152	9.44	543	-0.005	0.075	0.099	0.164	332.504239	45.862991	-1412.77	-204.67
6	GUIDE	472527720	7.02	544	-0.023	0.136	0.077	0.118	331.460205	45.112509	2354.22	-401.49
7	GUIDE	472523760	8.24	543	0.118	-0.049	0.061	0.099	331.645363	45.403260	1263.45	-734.26

2.4 Star Slots

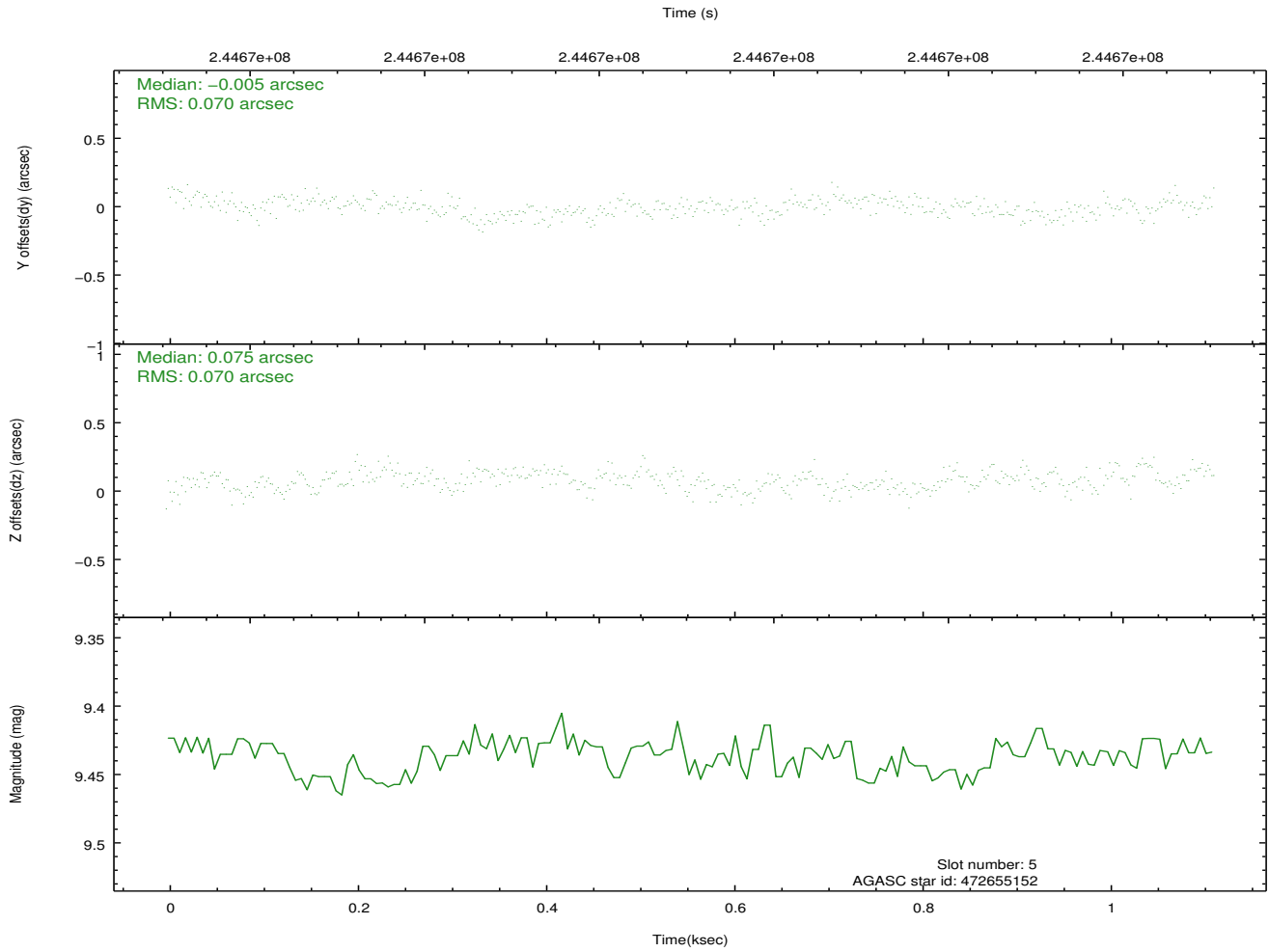
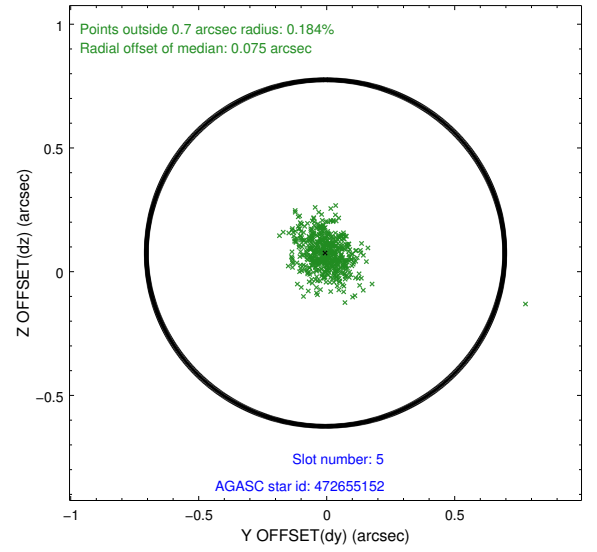
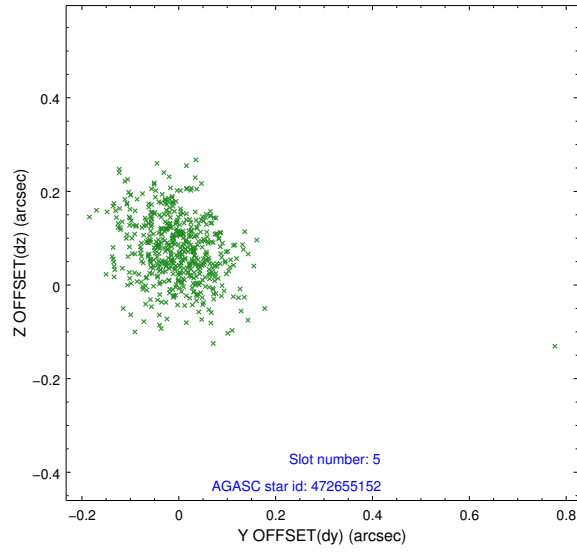
2.4.1 Slot 3



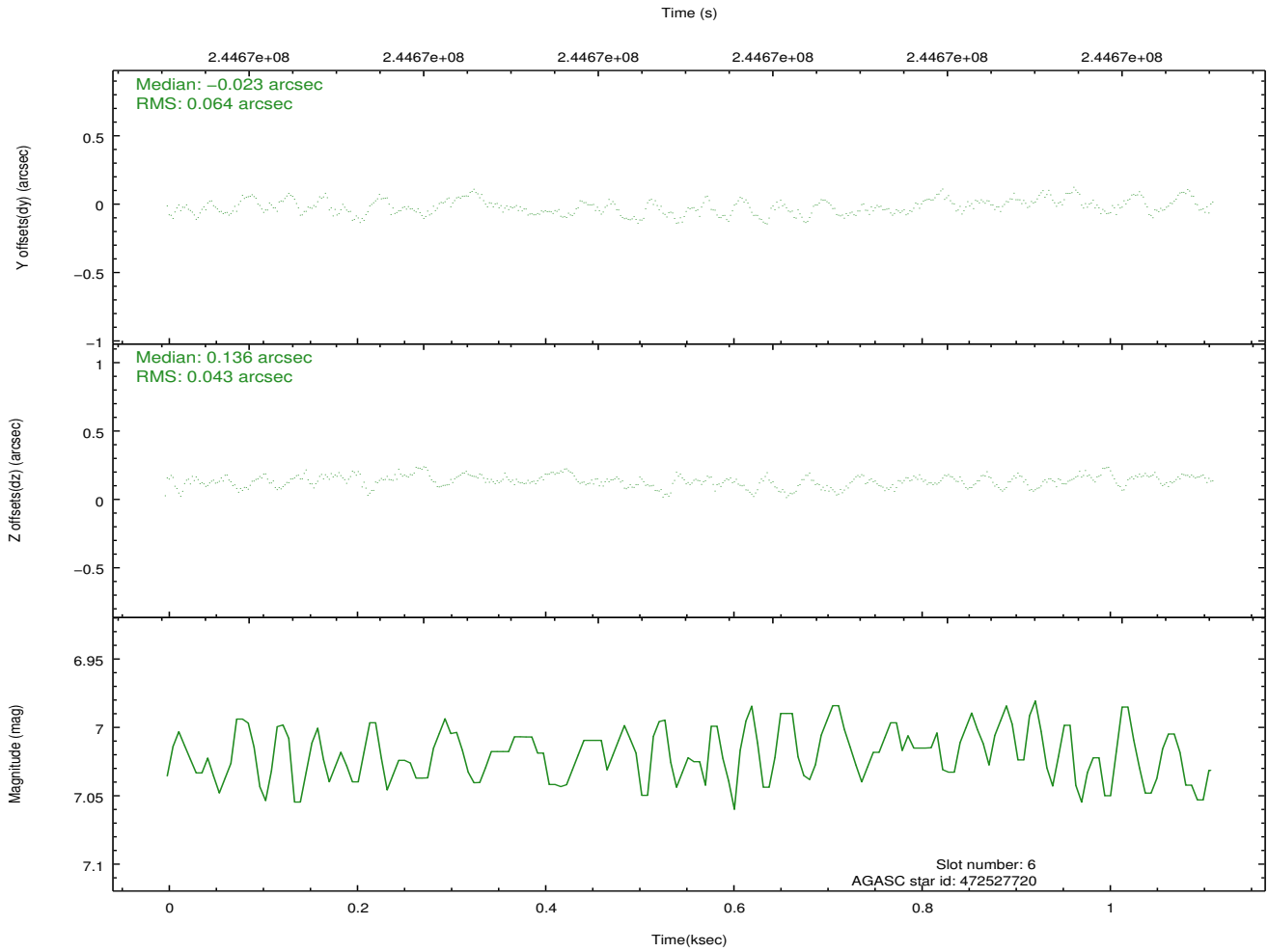
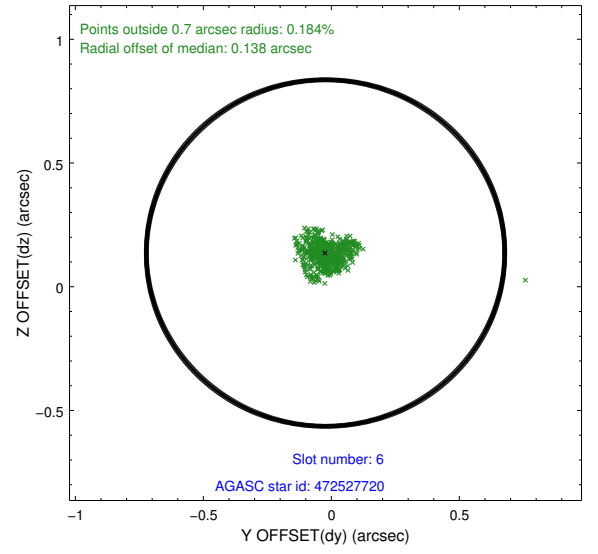
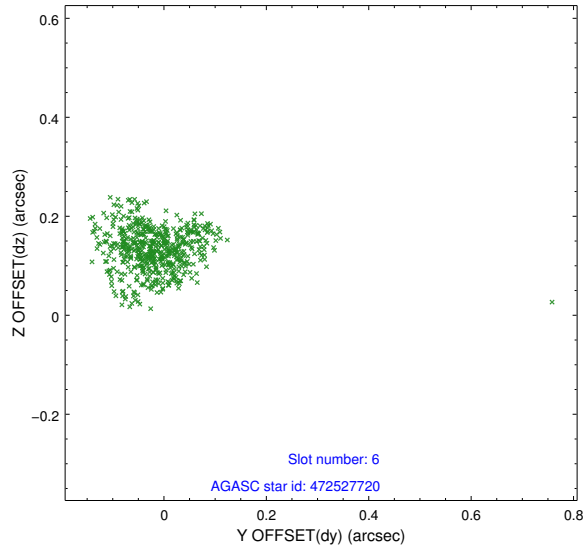
2.4.2 Slot 4



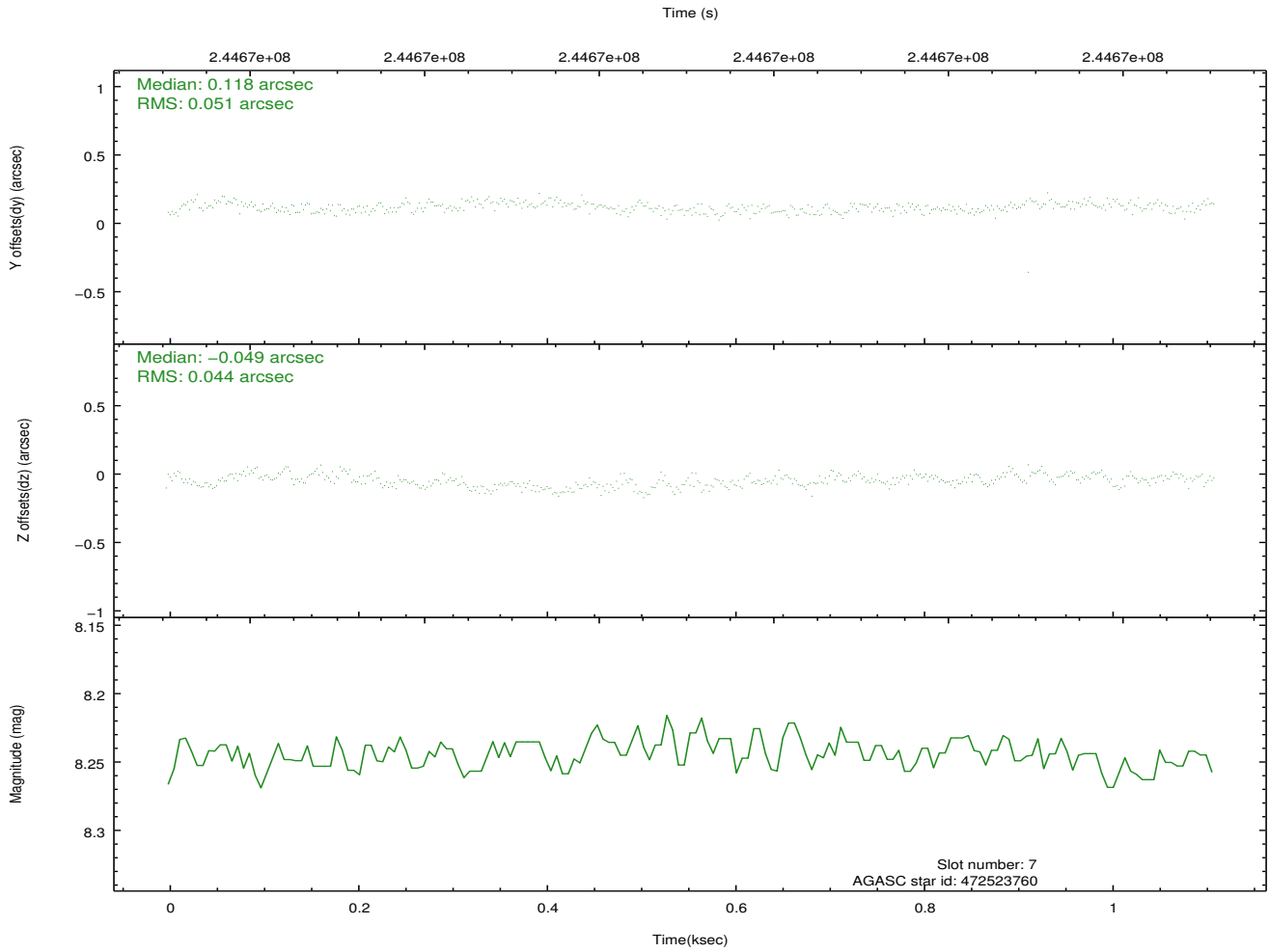
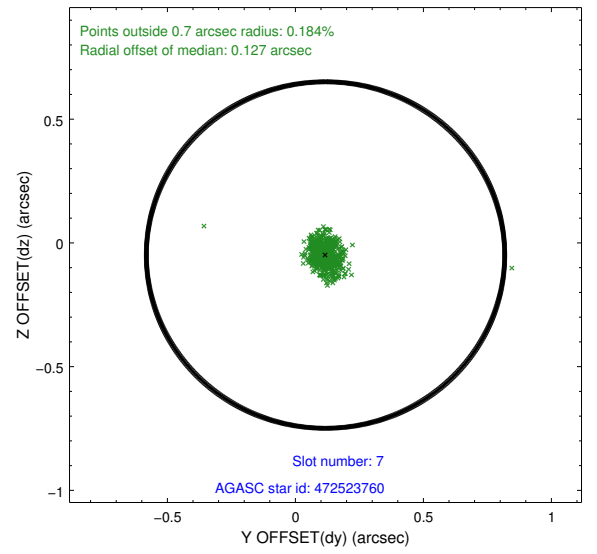
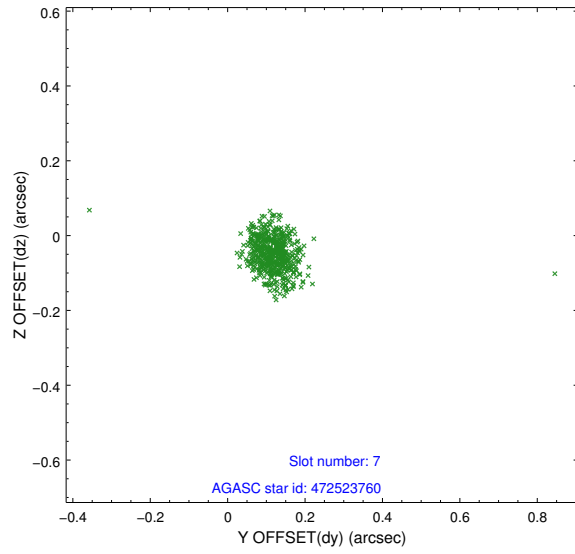
2.4.3 Slot 5



2.4.4 Slot 6

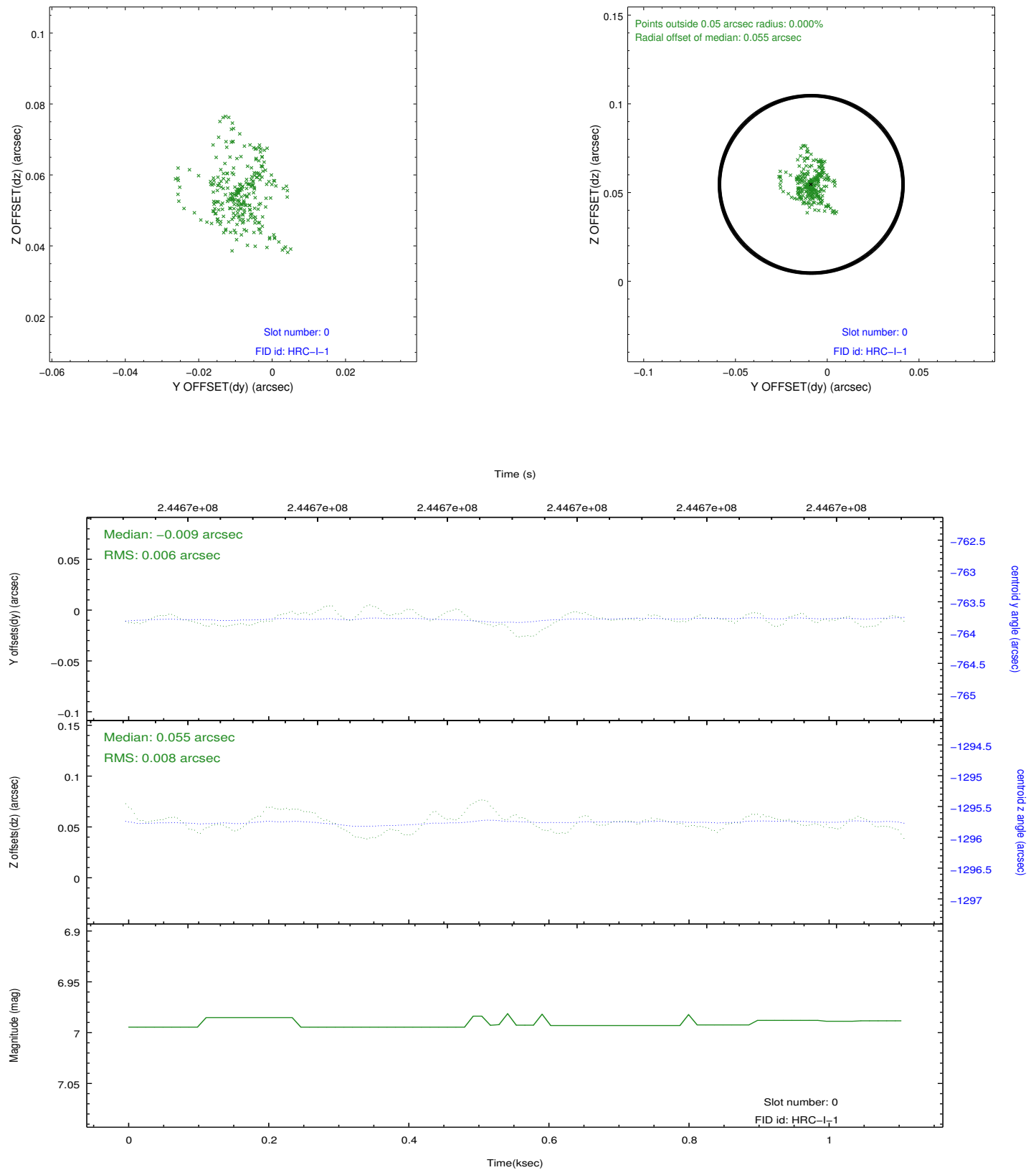


2.4.5 Slot 7

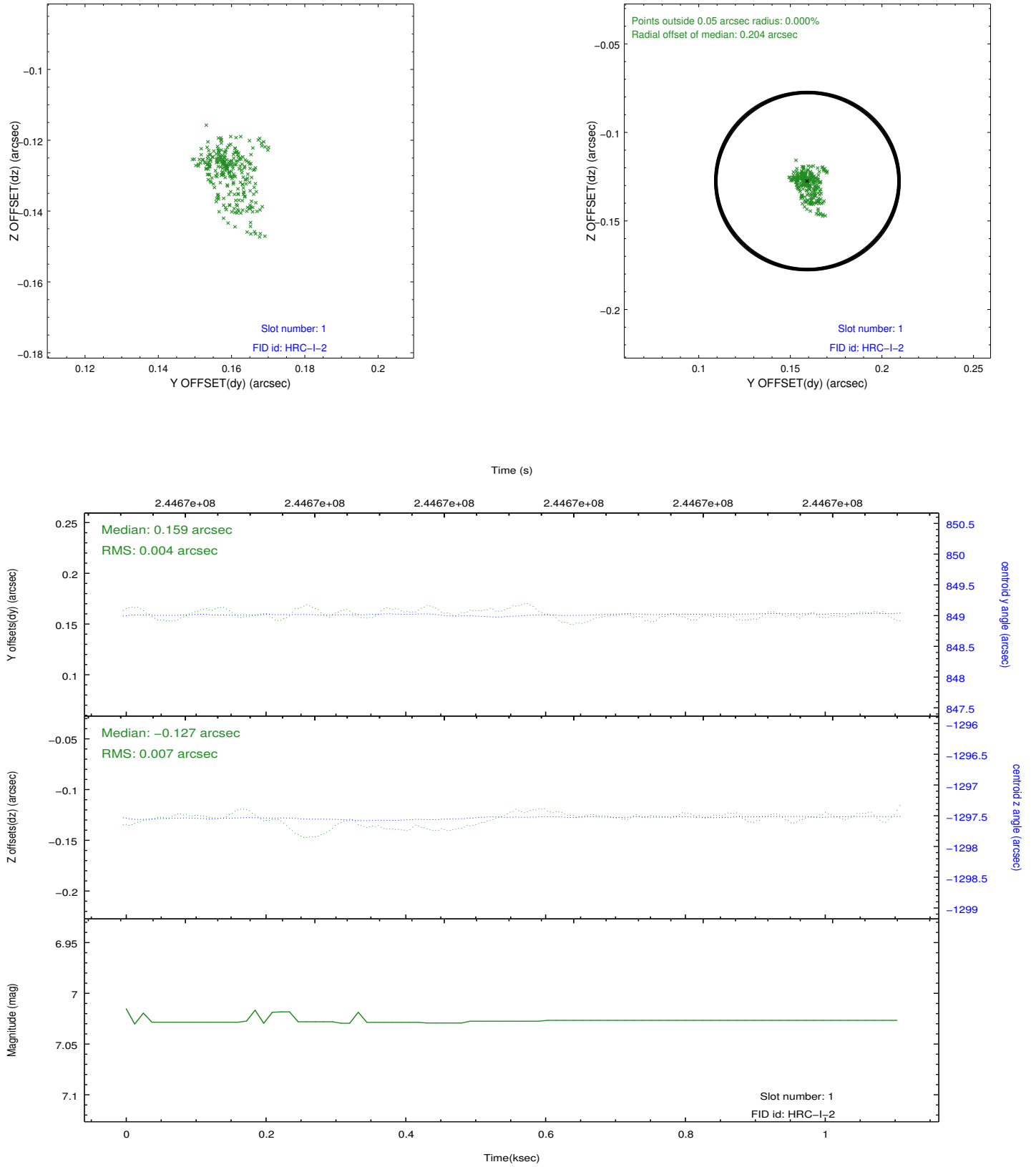


2.5 FID Slots

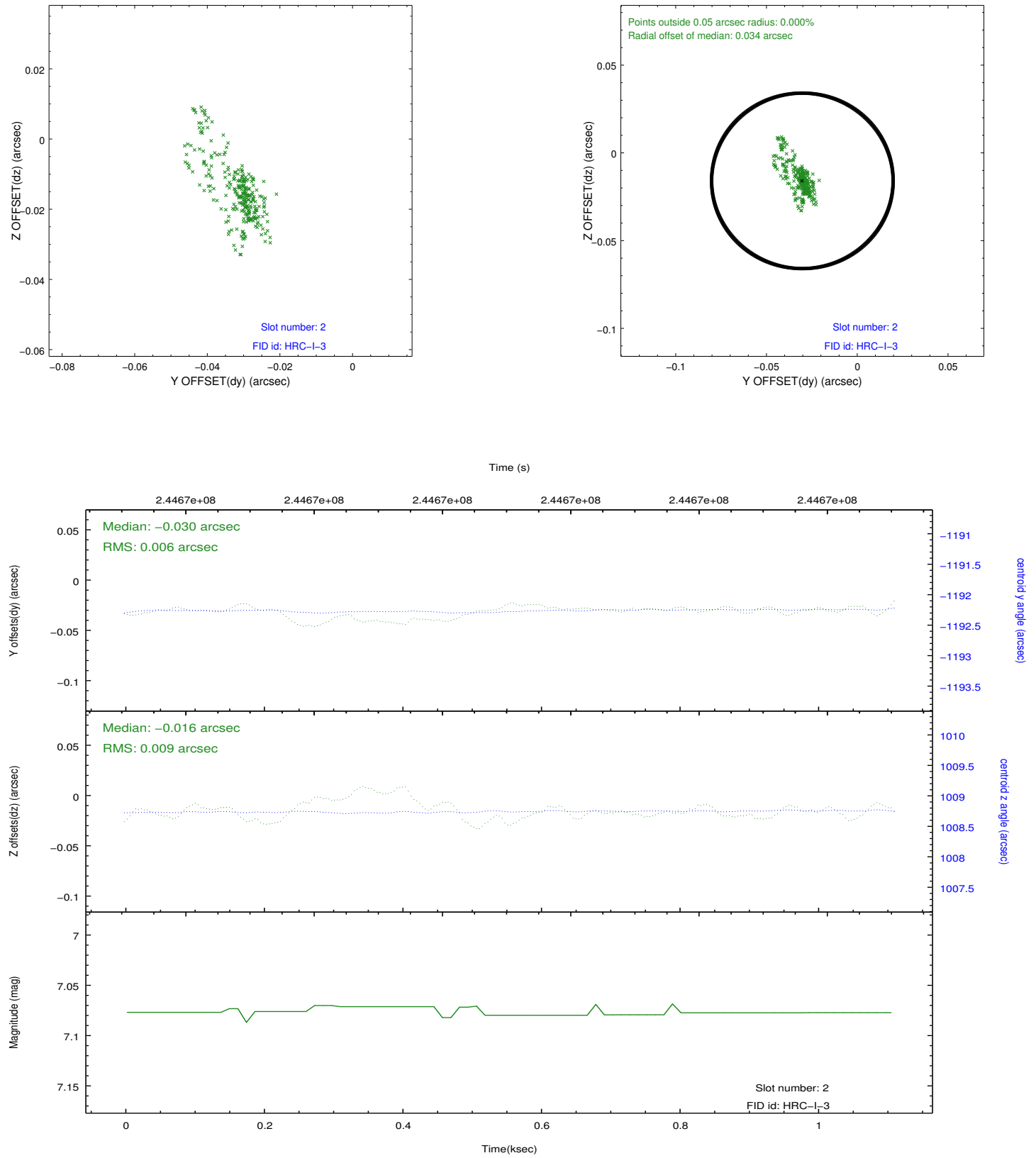
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.112381

A.2 Comments