

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6488 - L2 Version 3
Chandra X-Ray Center

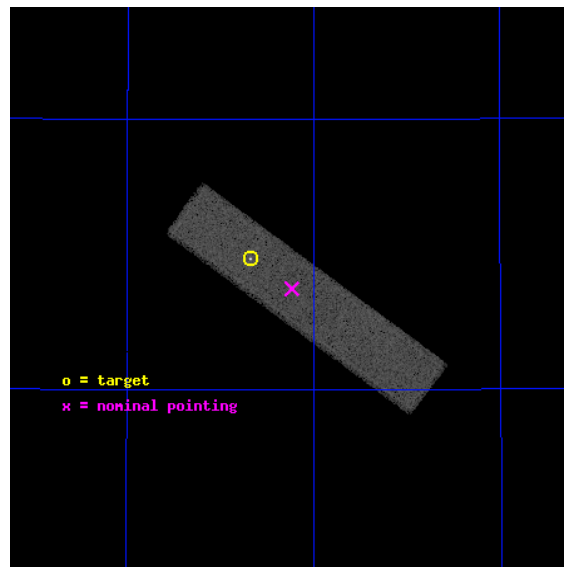
L2 Processing Date : Aug 11 2012

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1 Front

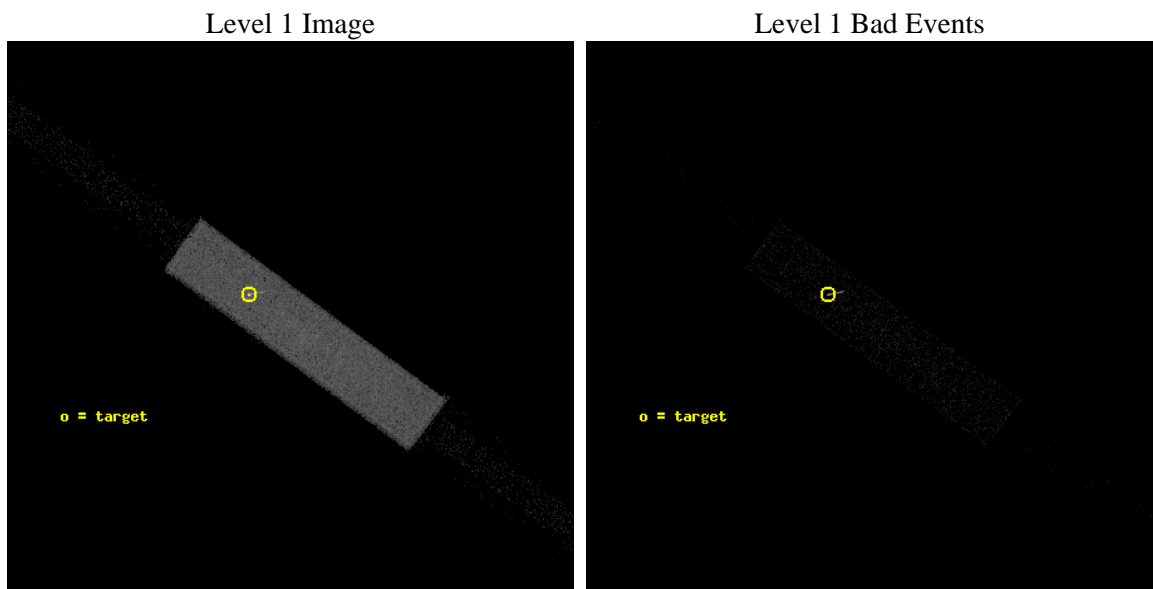
seq_num	290581	Sequence number
obs_id	6488	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0588122594	Nominal RA [deg]
dec_nom	45.687136671849	Nominal Dec [deg]
roll_nom	36.134352632802	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1145.1813032925	[s]
livetime	1135.8179957648	Ontime multiplied by DTCOR
l2events	67319	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	1145.1813032925	[s]
caldsver	4.5.1.1	 	l1events	104277	Number of level 1 events
date	2012-08-11T05:21:44	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

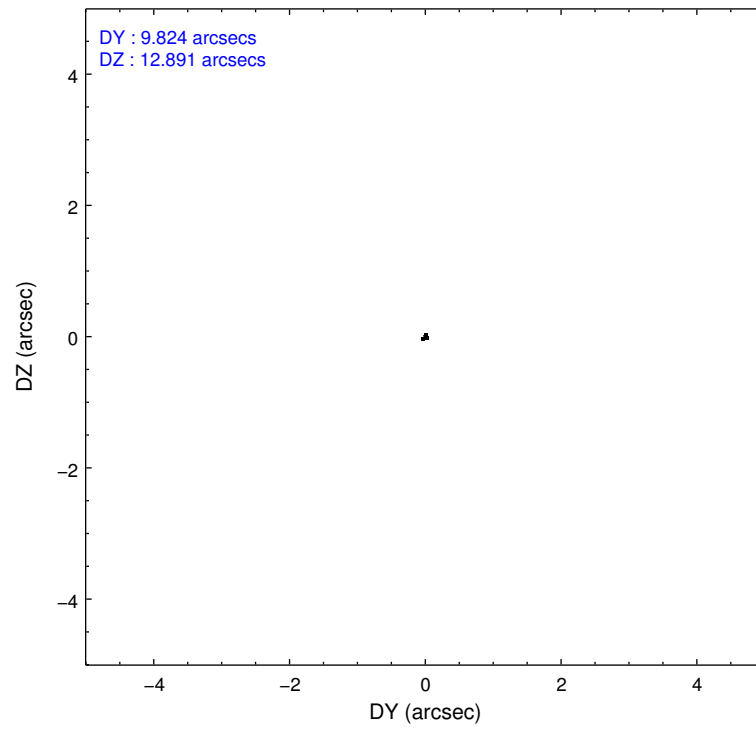
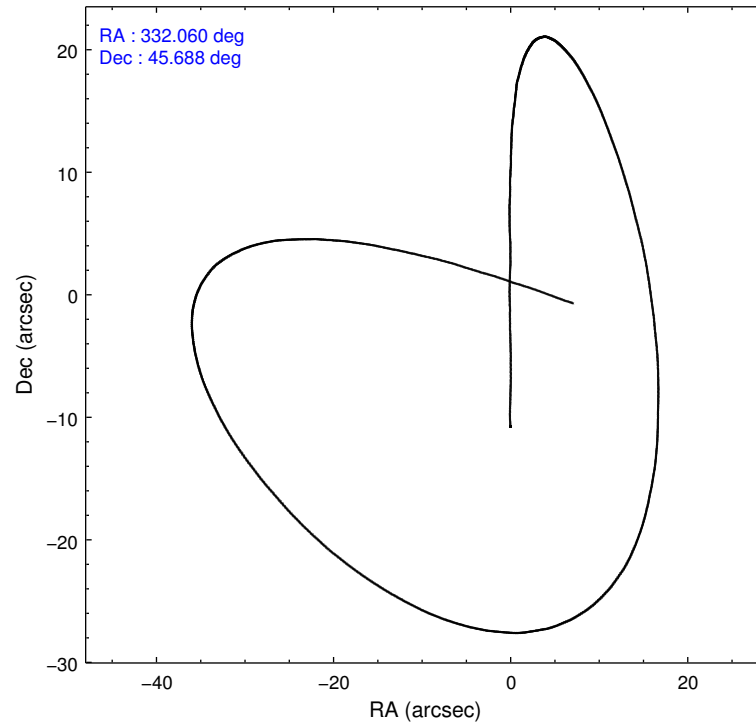
	segment 1	segment 2	segment 3
level 1 events	801	102678	798
rejected events	801	22385	798
rejected %	100%	21%	100%

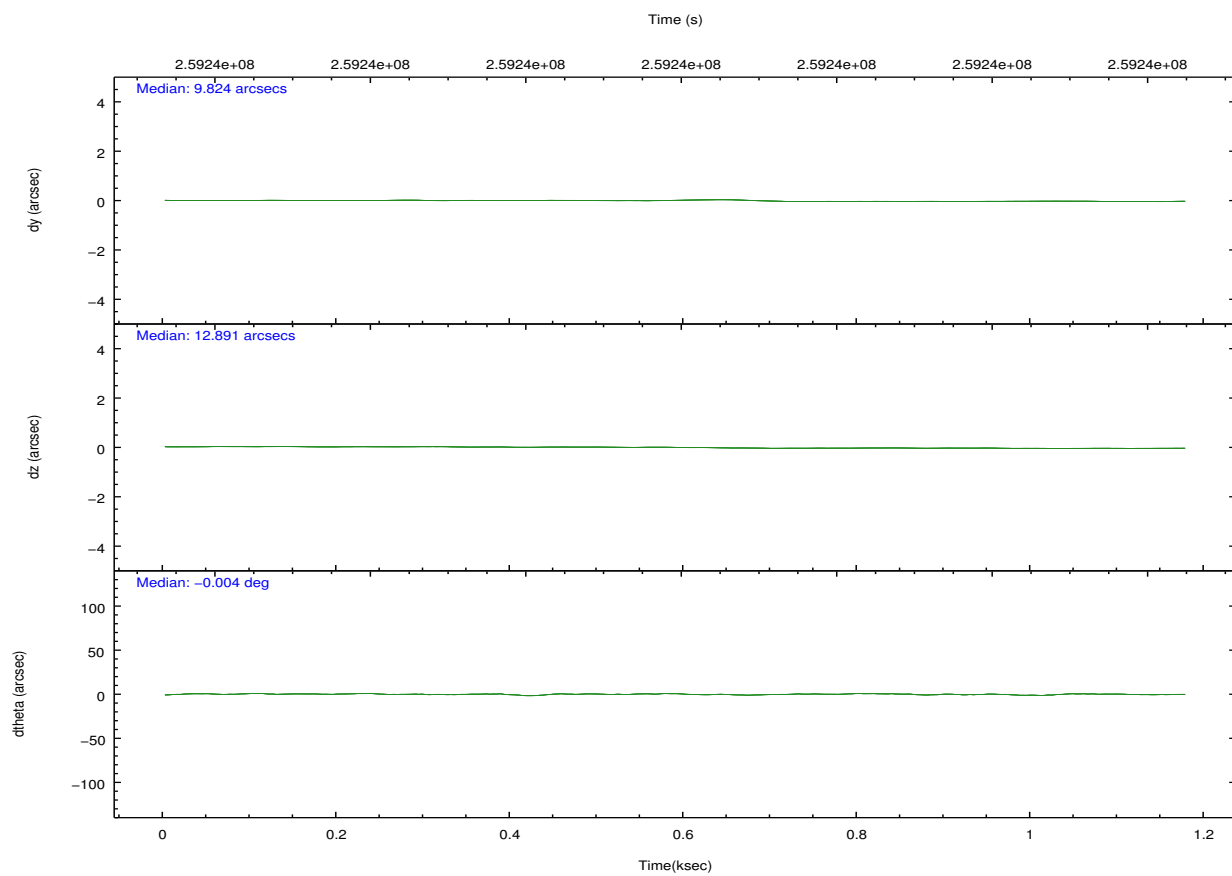
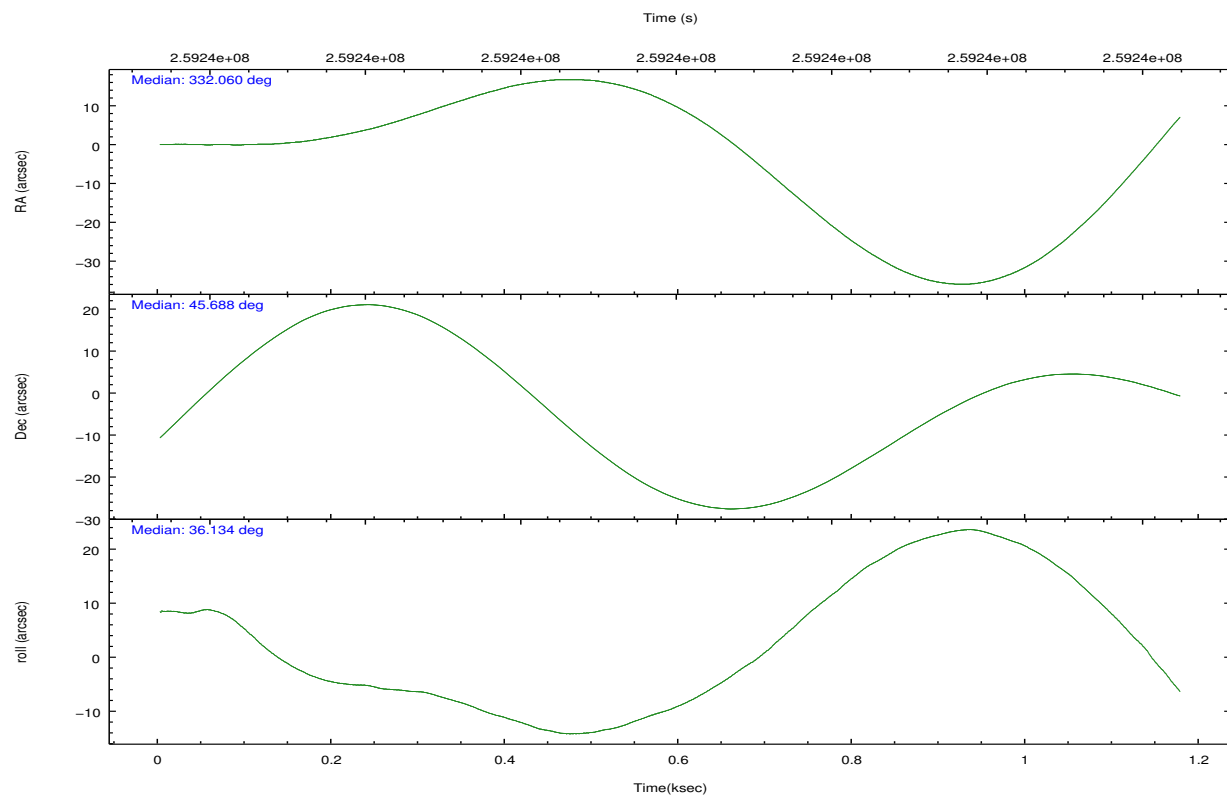
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.045026	332.0588122594028
[deg] Pointing Dec	45.659443	45.68713667184896
[deg] Pointing Roll	36.076873	36.13435263280238
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	259238579.184000	259238203.05556
Observation start date	2006-03-20T10:41:54	2006-03-20T10:36:43
[s] Observation end time (MET)	259239579.184000	259239713.39313
Observation end date	2006-03-20T10:58:34	2006-03-20T11:01:53

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

2.3 Aspect



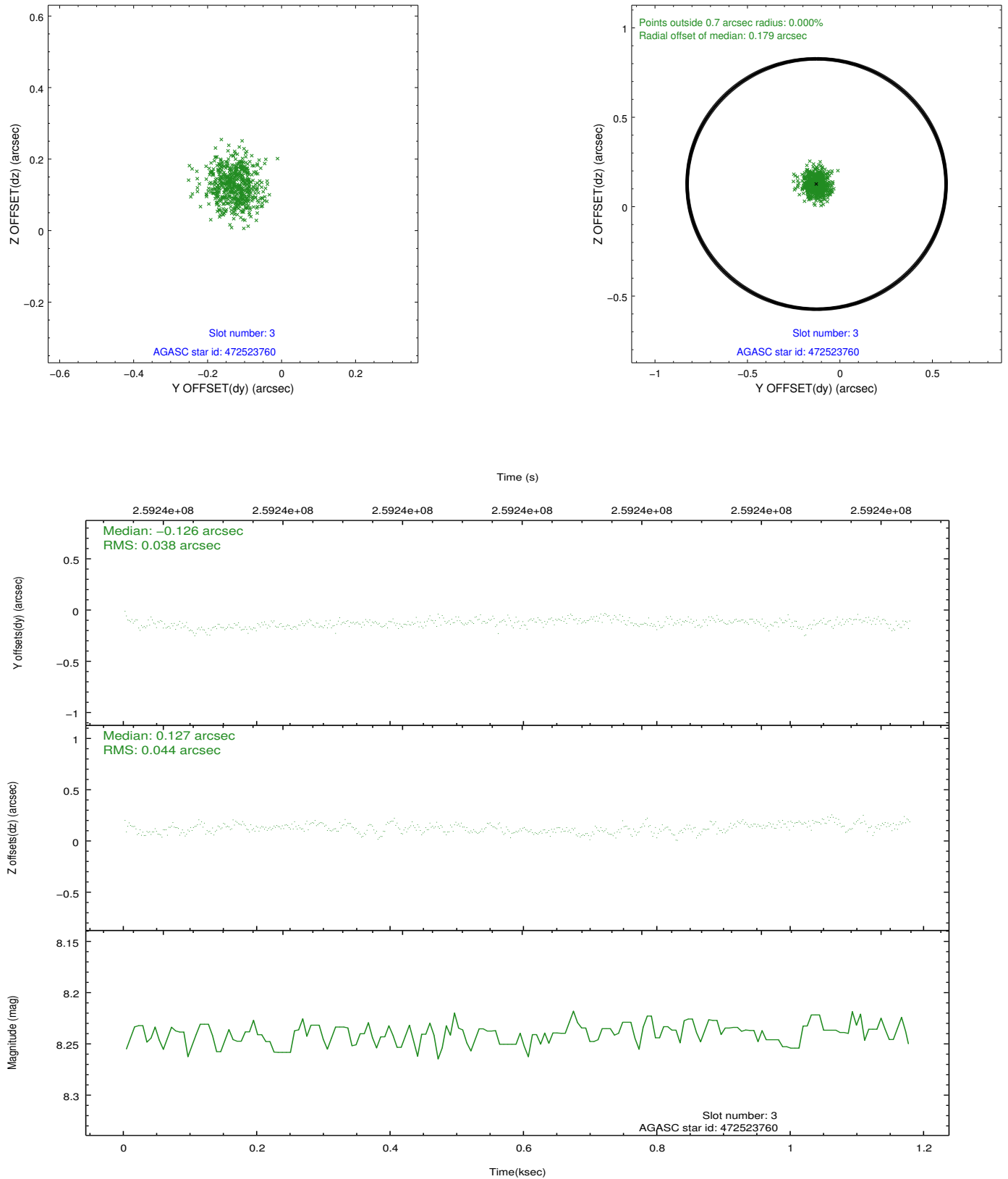


Slot Statistics

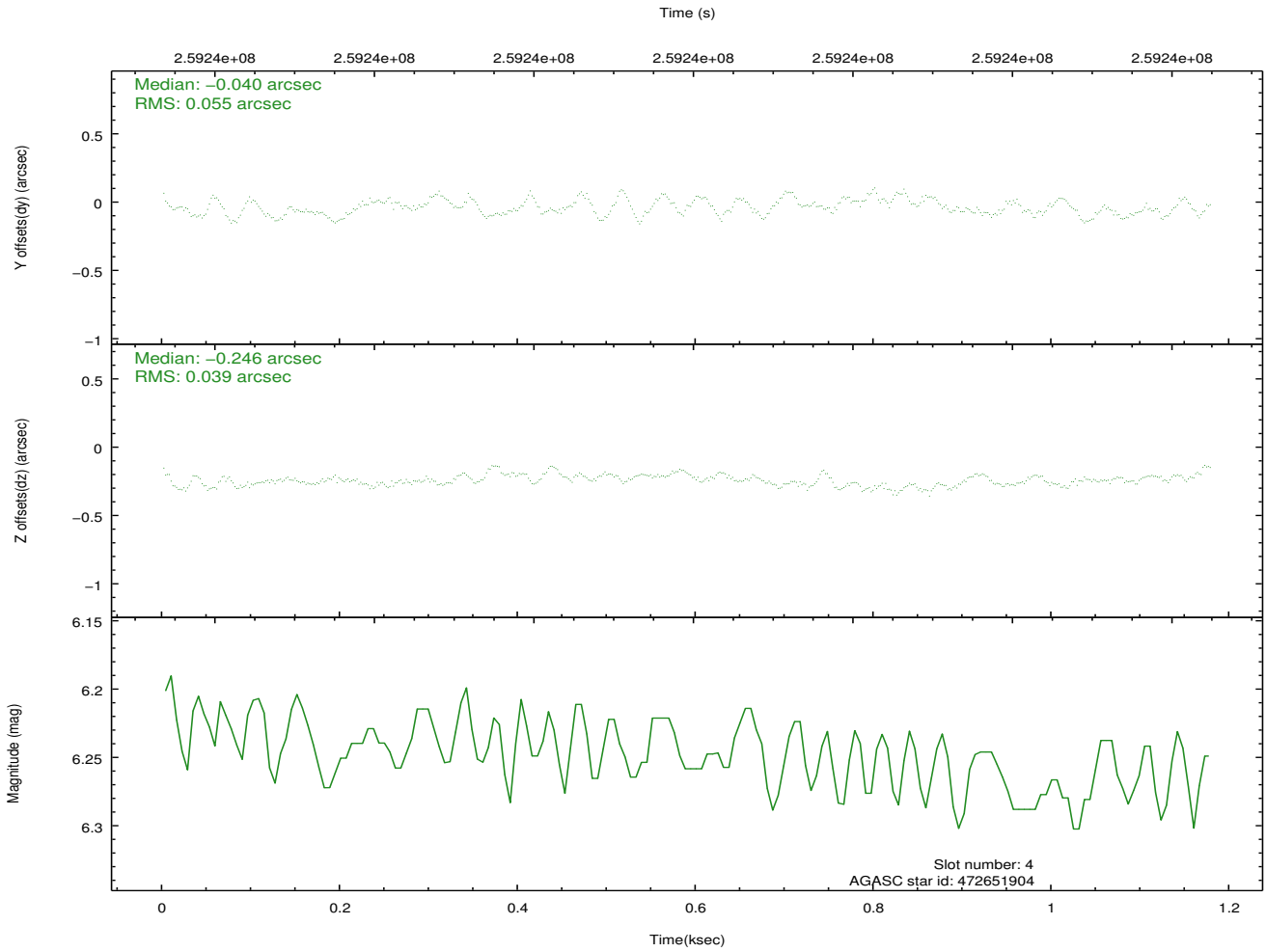
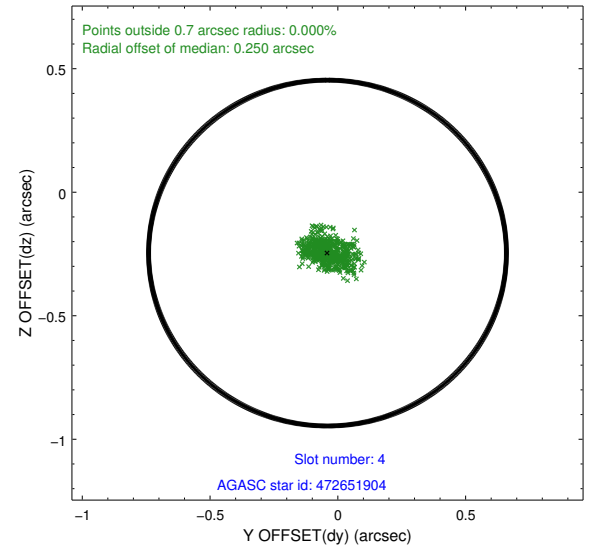
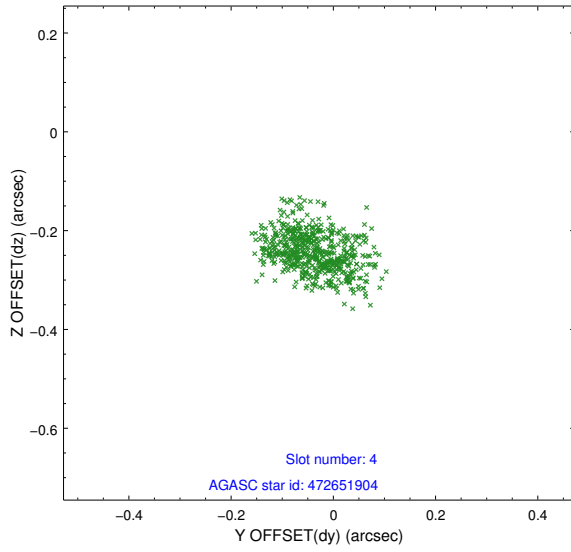
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.05	287	0.132	-0.145	0.007	0.012	0.000000	0.000000	-1164.01	-461.66
1	FID	HRC-S-2	7.05	287	0.136	-0.104	0.005	0.009	0.000000	0.000000	1231.60	-455.84
2	FID	HRC-S-3	7.05	287	0.122	-0.053	0.007	0.012	0.000000	0.000000	-1162.46	566.37
3	GUIDE	472523760	8.24	575	-0.126	0.127	0.062	0.098	331.645363	45.403260	-1358.32	-152.31
4	GUIDE	472651904	6.25	575	-0.040	-0.246	0.072	0.116	332.170077	45.742257	427.10	52.12
5	GUIDE	420754040	9.07	575	0.120	0.085	0.099	0.158	331.917939	44.882543	-1907.39	-2073.43
6	GUIDE	472527720	6.99	575	0.039	-0.022	0.067	0.107	331.460205	45.112509	-2360.48	-719.66
7	GUIDE	472659832	9.47	574	-0.004	0.059	0.110	0.173	332.780399	46.098139	2414.52	197.10

2.4 Star Slots

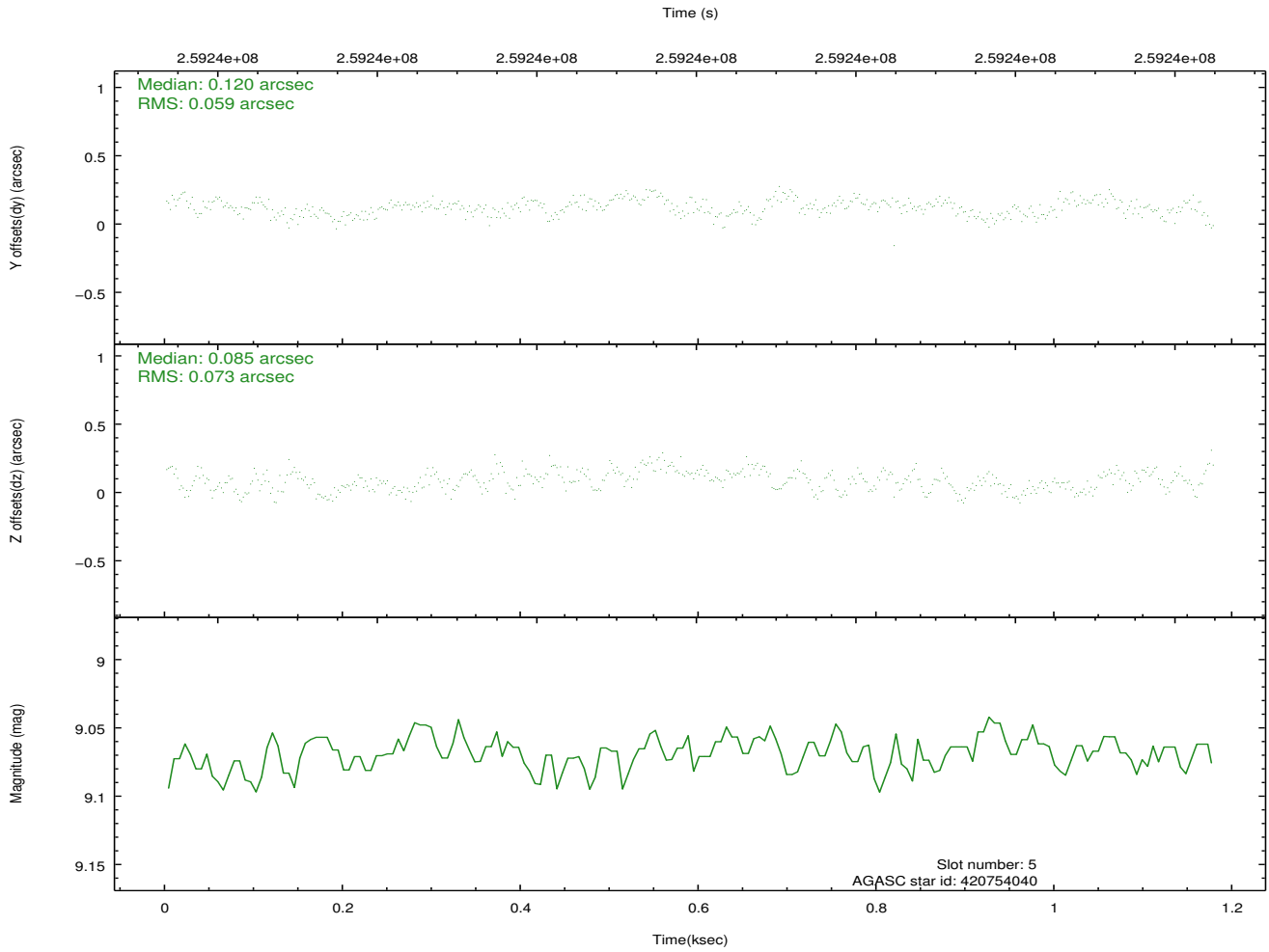
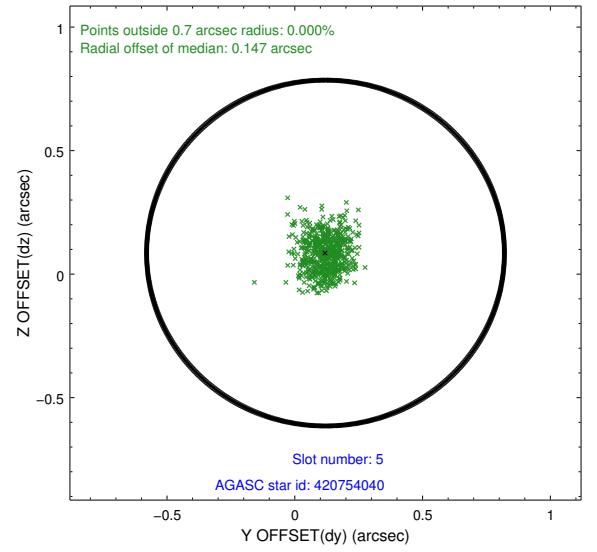
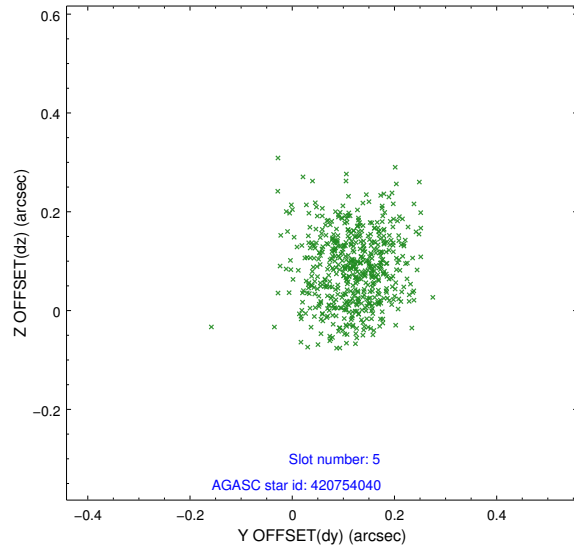
2.4.1 Slot 3



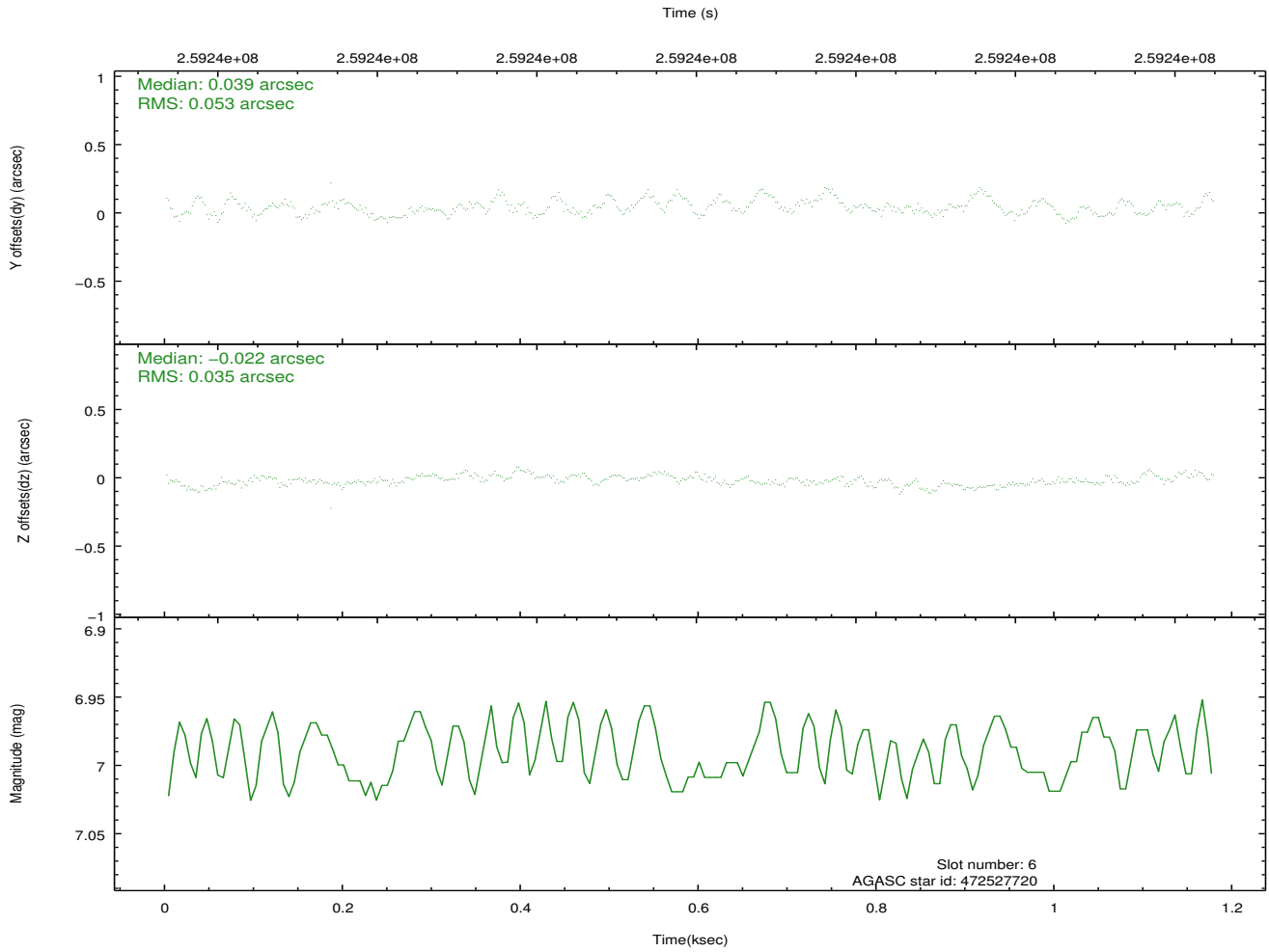
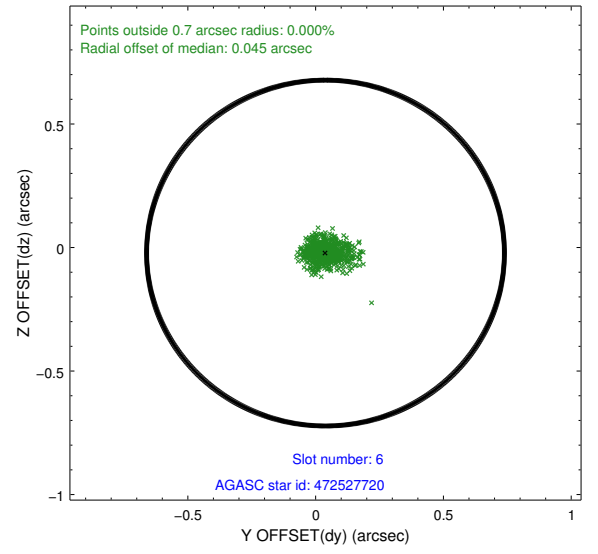
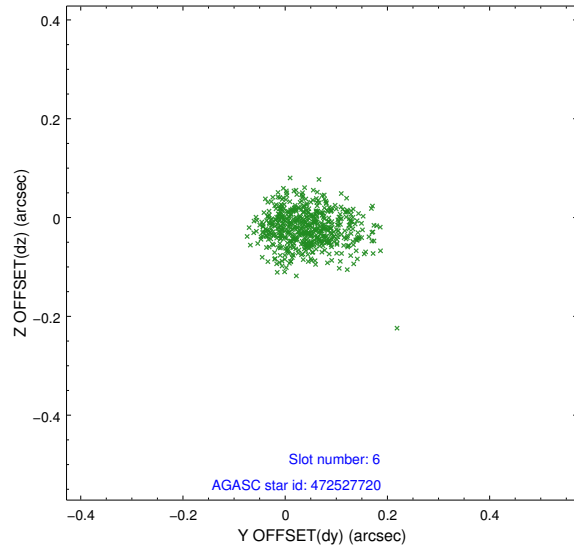
2.4.2 Slot 4



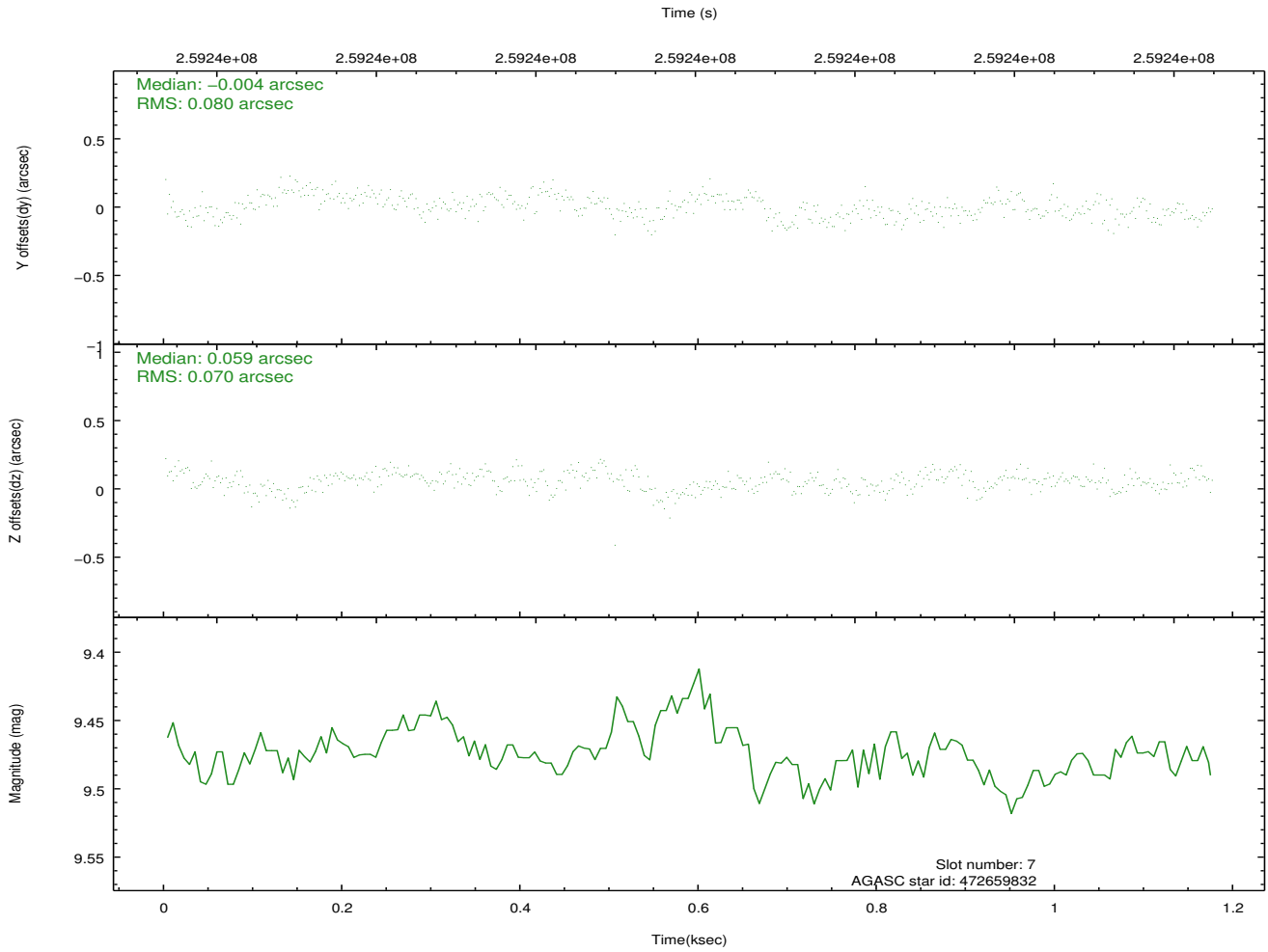
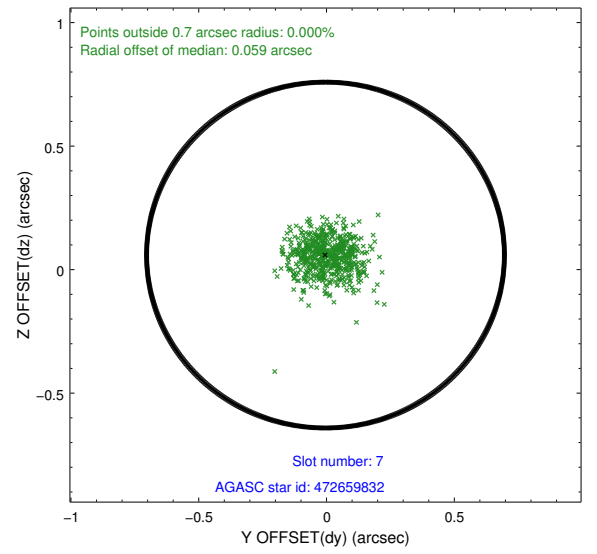
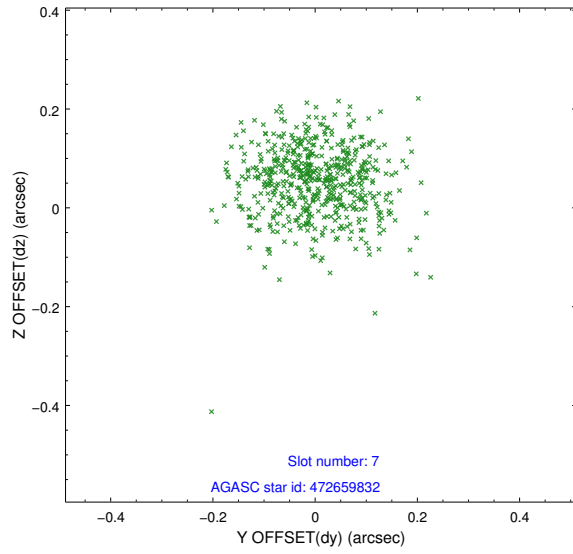
2.4.3 Slot 5



2.4.4 Slot 6

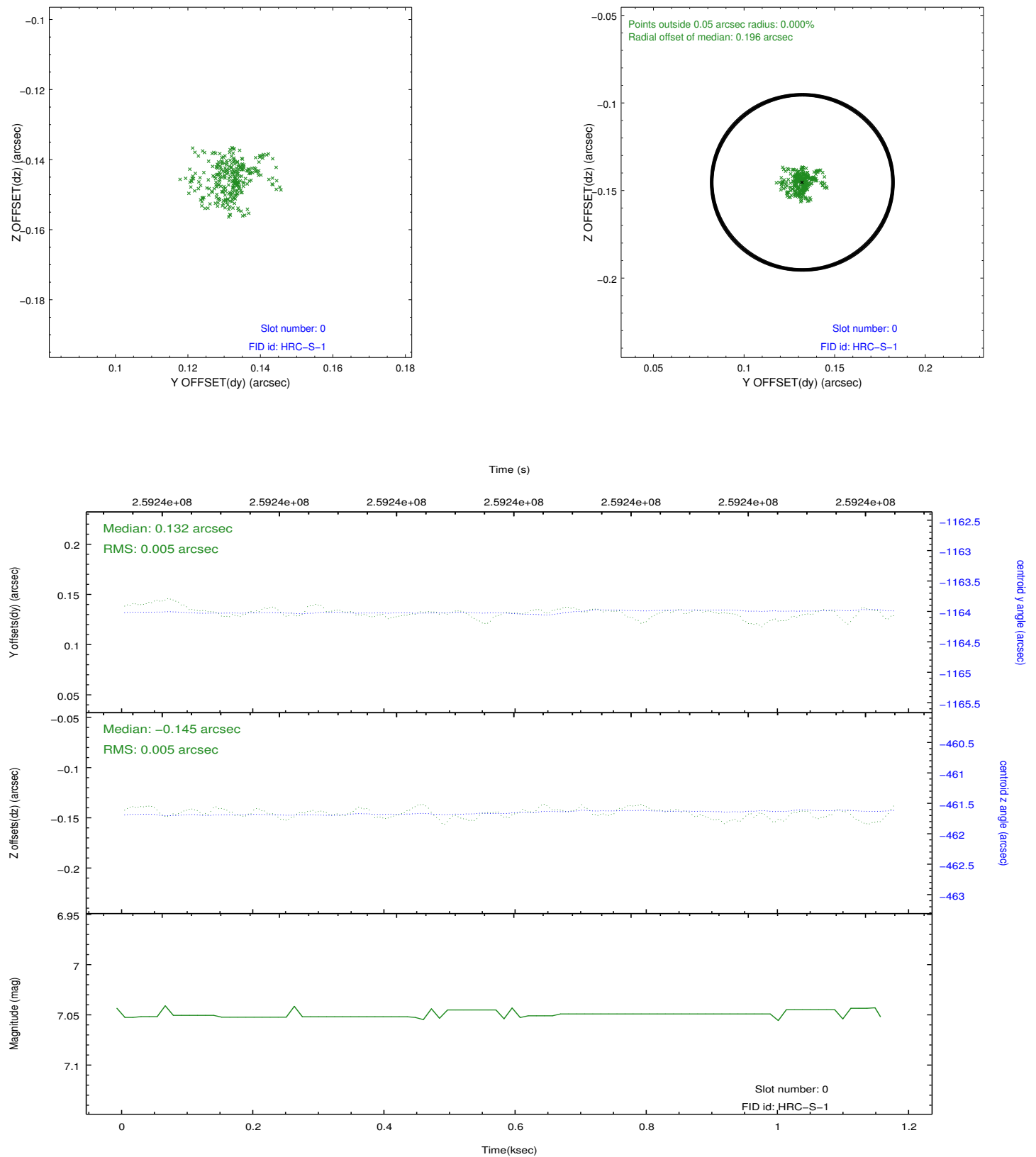


2.4.5 Slot 7

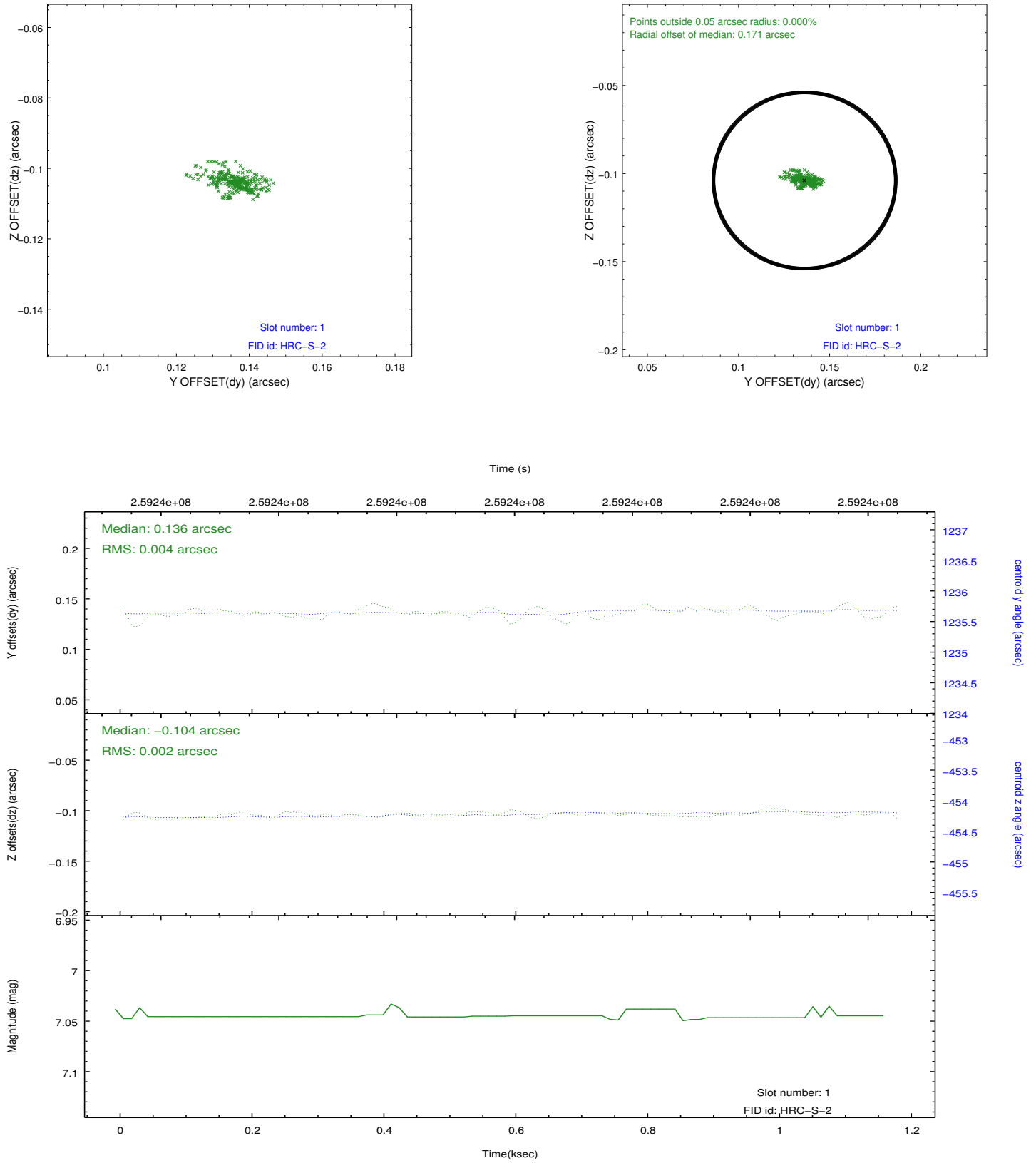


2.5 FID Slots

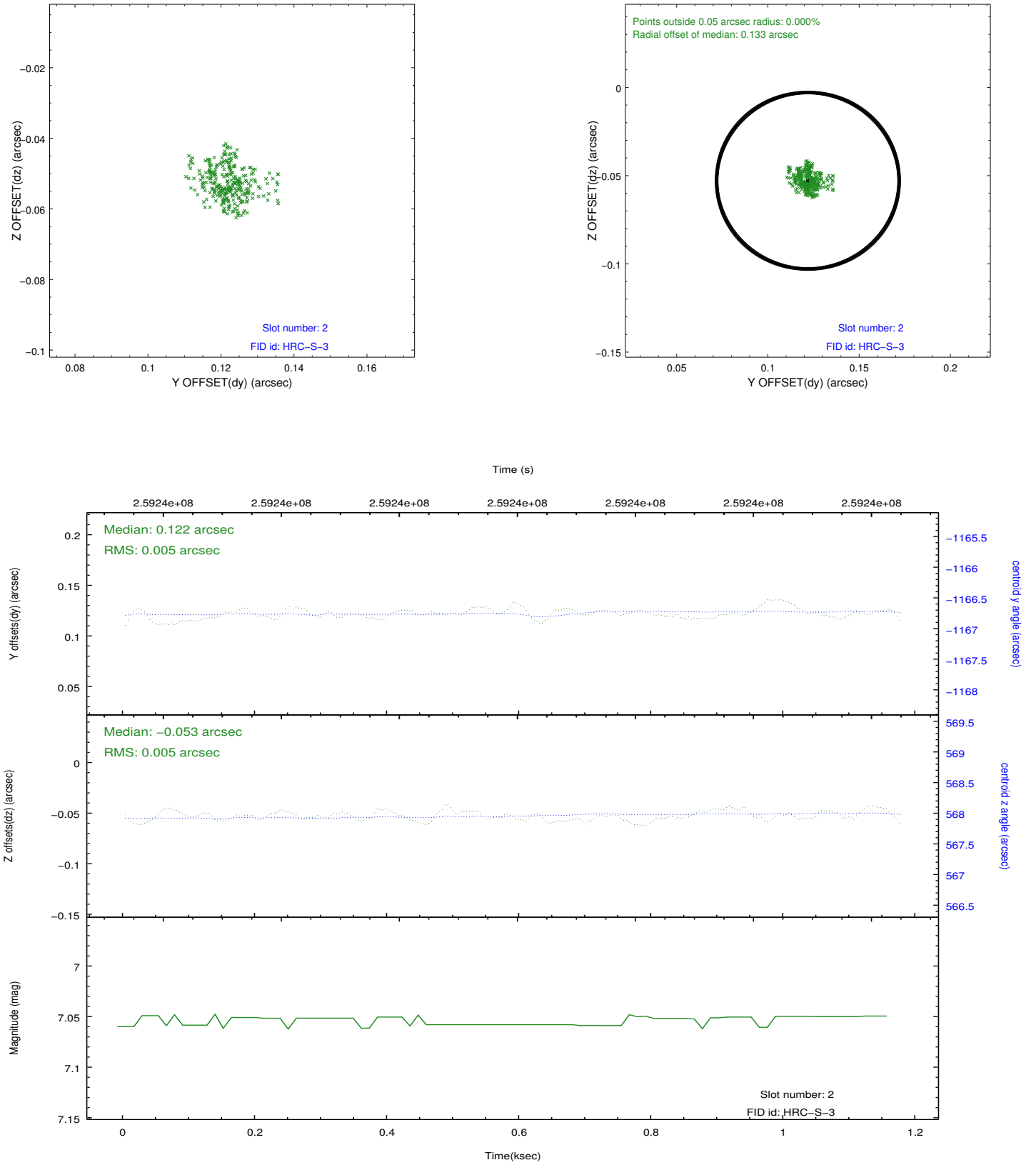
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.14492505

A.2 Comments