

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10605 - L2 Version 3
Chandra X-Ray Center

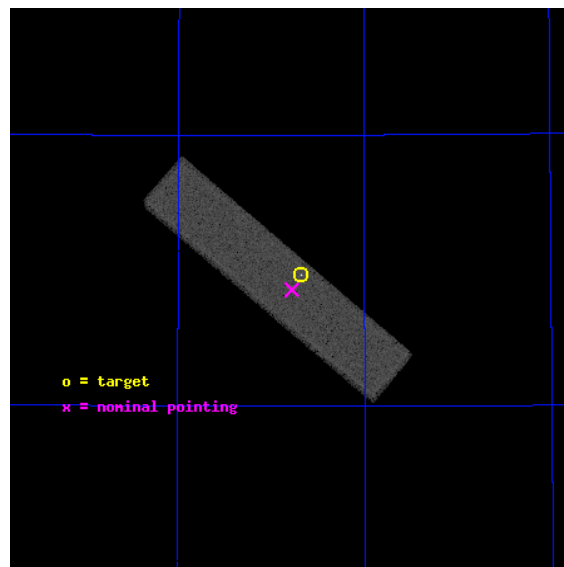
L2 Processing Date : Aug 13 2012

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1 Front

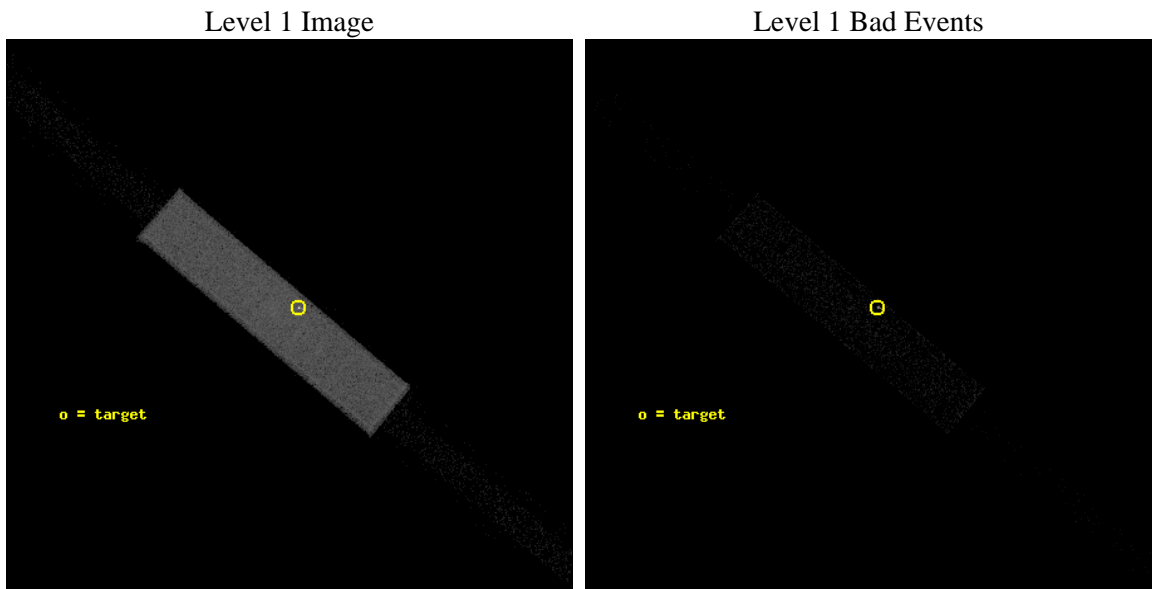
seq_num	290841	Sequence number
obs_id	10605	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19474188367	Nominal RA [deg]
dec_nom	45.71464473105	Nominal Dec [deg]
roll_nom	220.14619514185	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1180.0313093066	[s]
livetime	1168.5837458049	Ontime multiplied by DTCOR
l2events	82564	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	1180.0313093066	[s]
caldbver	4.5.1.1	 	l1events	126392	Number of level 1 events
date	2012-08-13T16:15:02	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

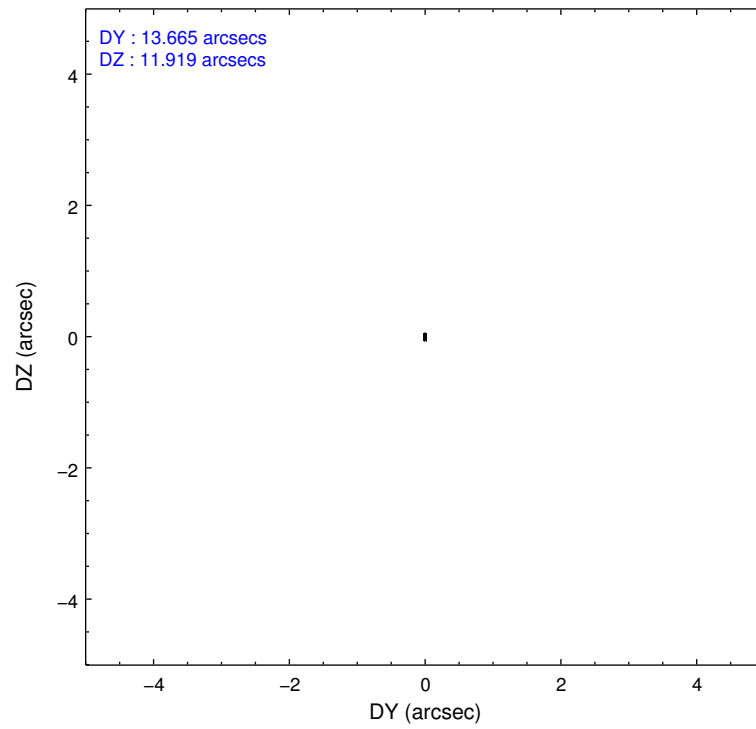
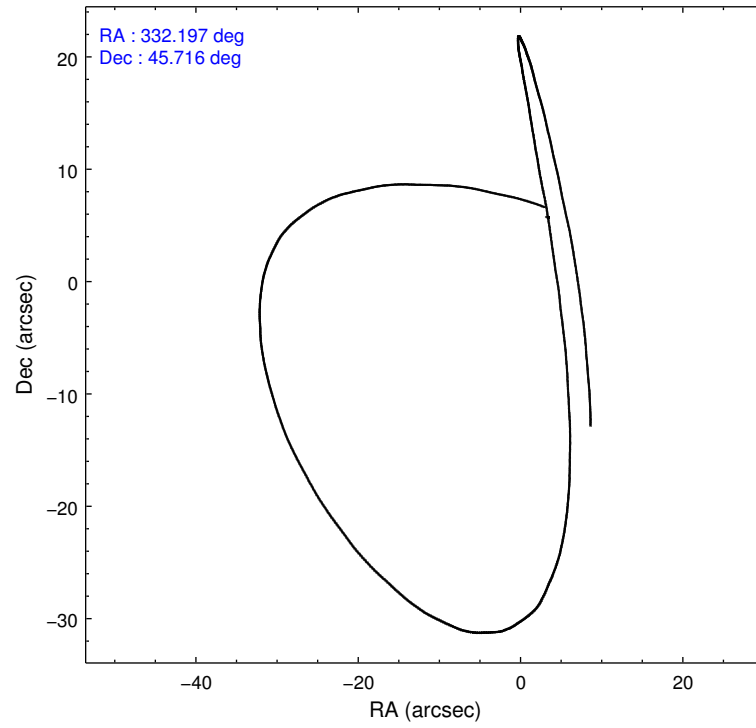
	segment 1	segment 2	segment 3
level 1 events	1040	124257	1095
rejected events	1040	26055	1095
rejected %	100%	20%	100%

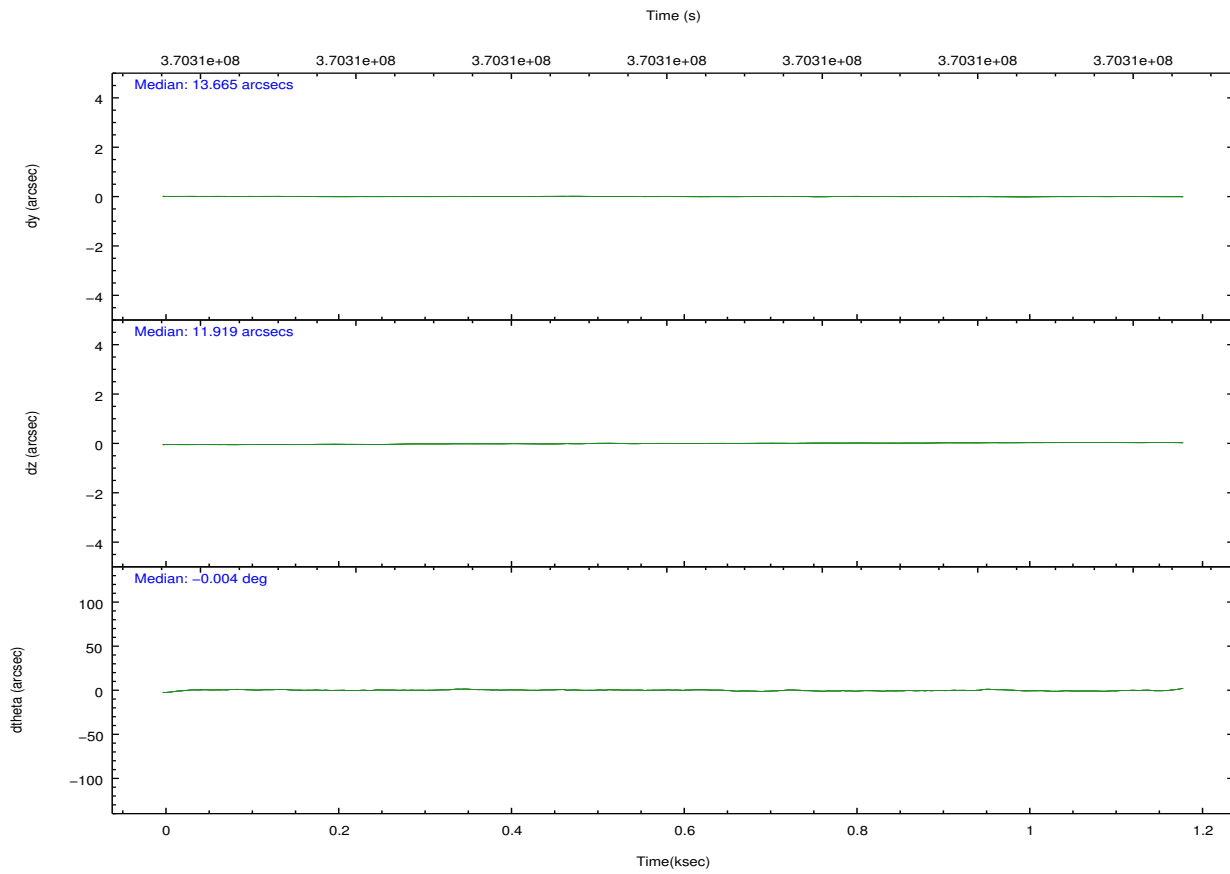
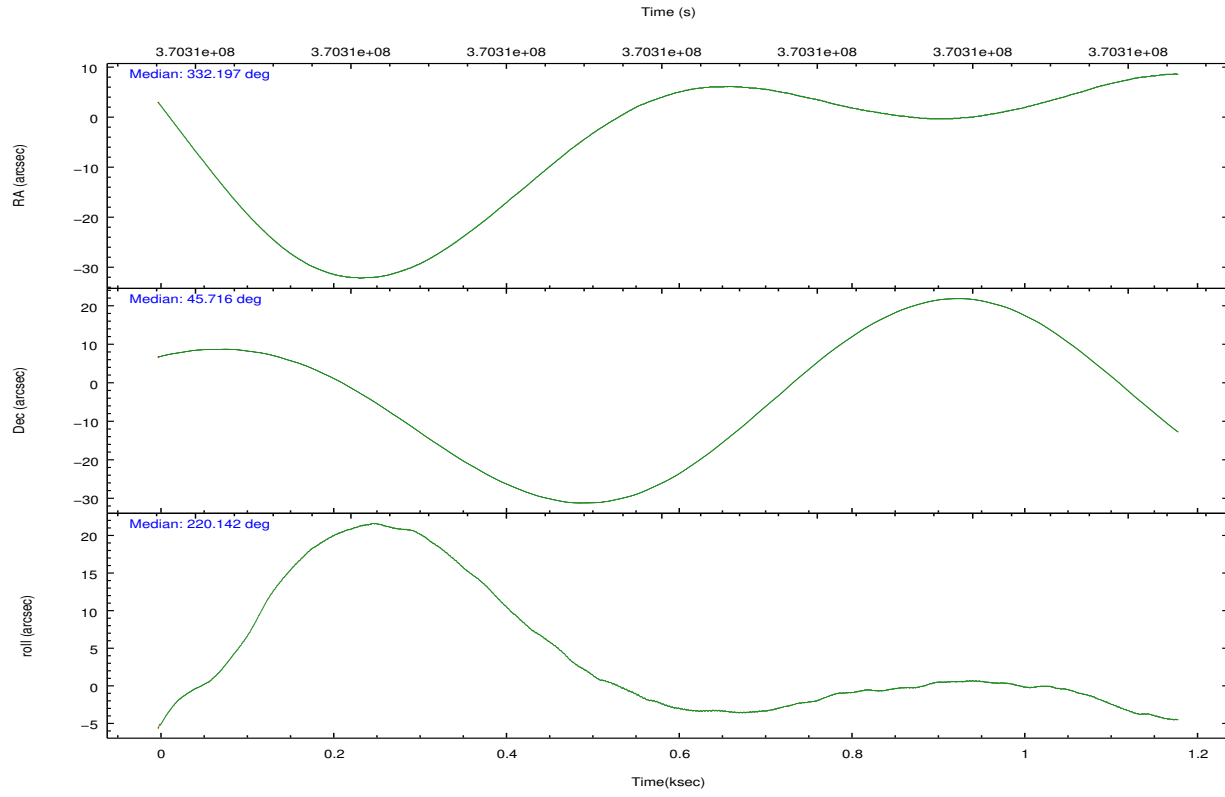
2.2 Compared Parameters

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	332.207491	332.1947418836744
[deg] Pointing Dec	45.741236	45.71464473105017
[deg] Pointing Roll	220.069750	220.1461951418521
[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)	370311793.184000	370311417.36428
Observation start date	2009-09-26T00:22:07	2009-09-26T00:16:57
[s] Observation end time (MET)	370312793.184000	370312927.18936
Observation end date	2009-09-26T00:38:47	2009-09-26T00:42:07

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

2.3 Aspect



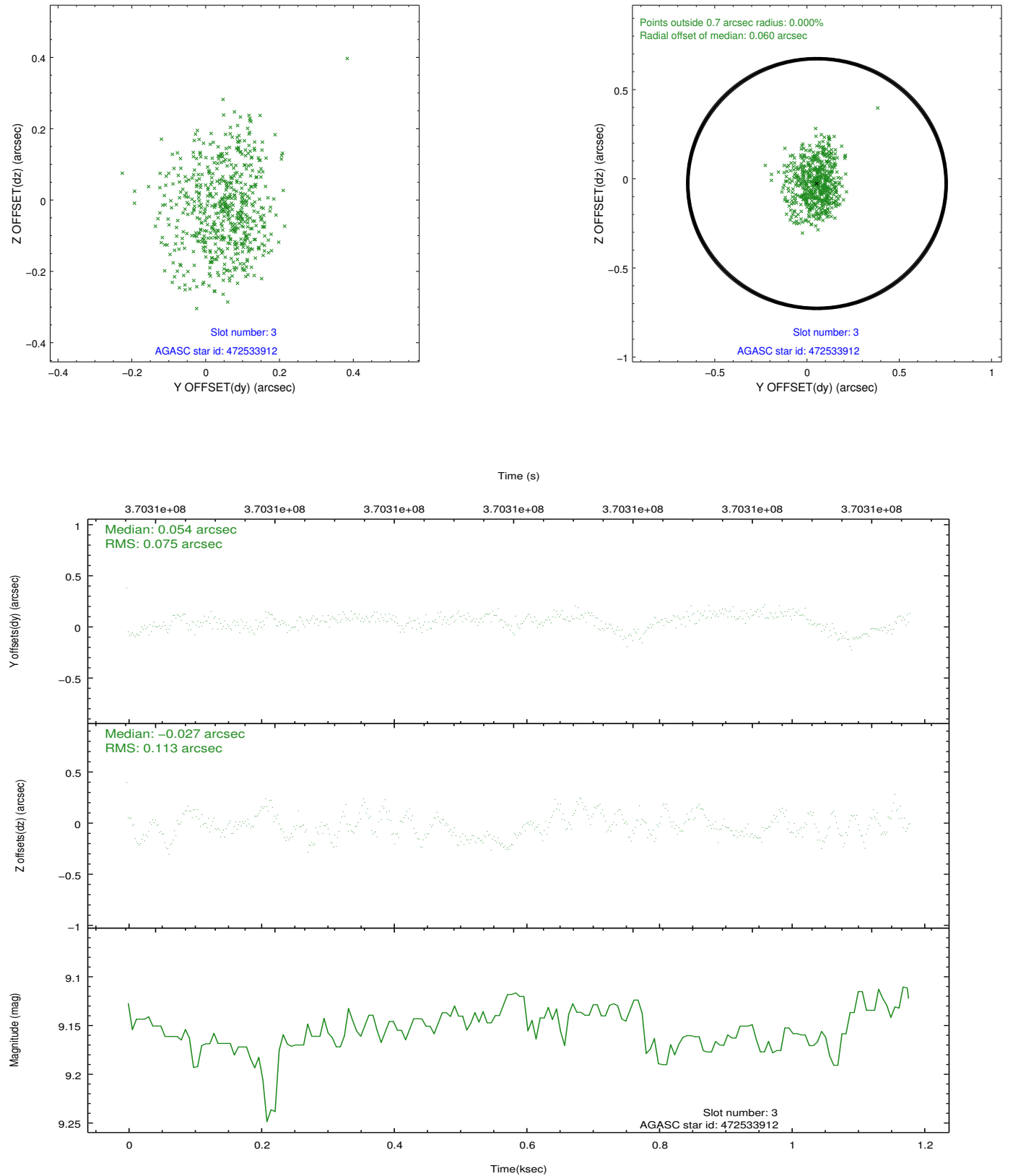


Slot Statistics

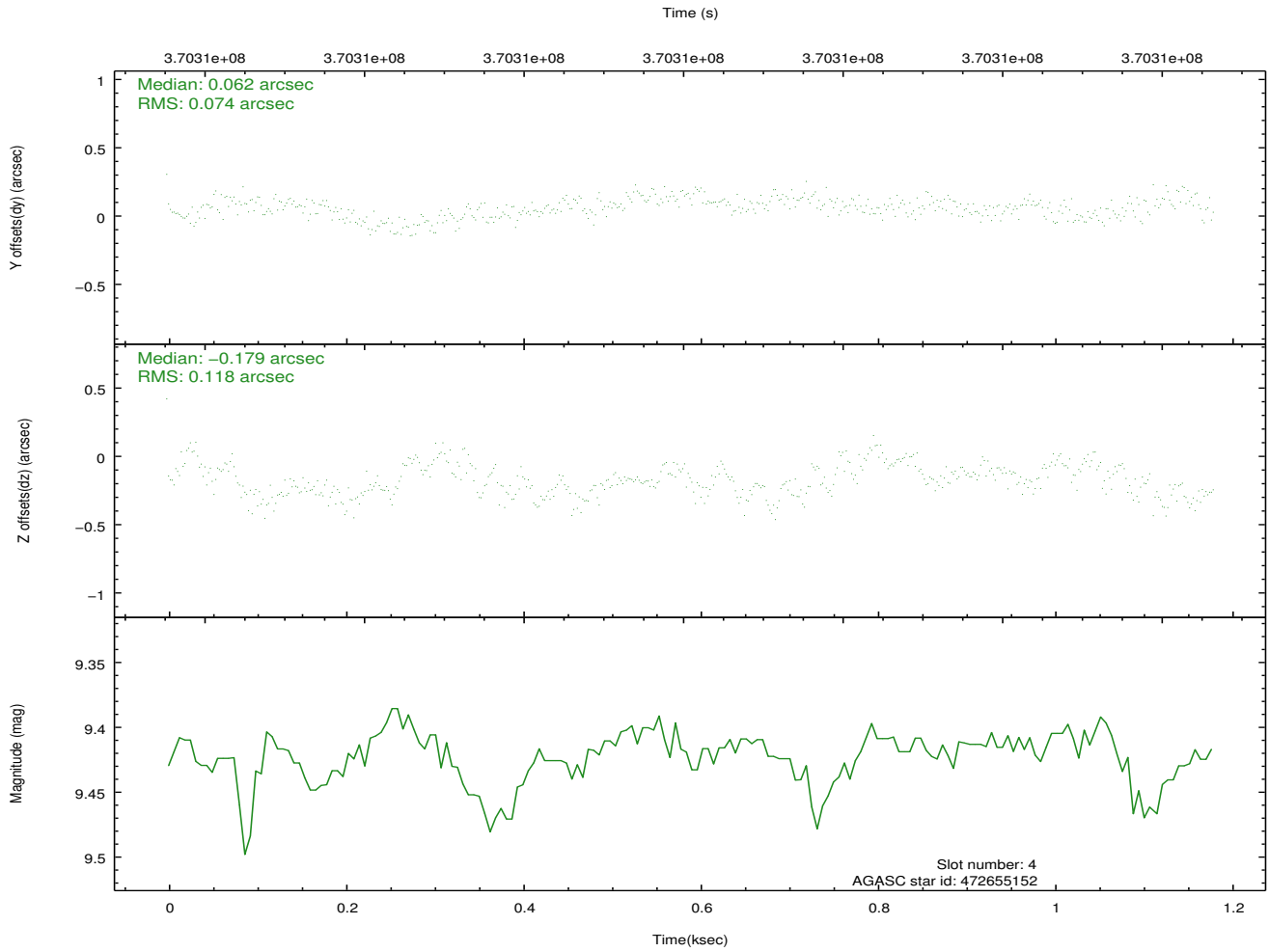
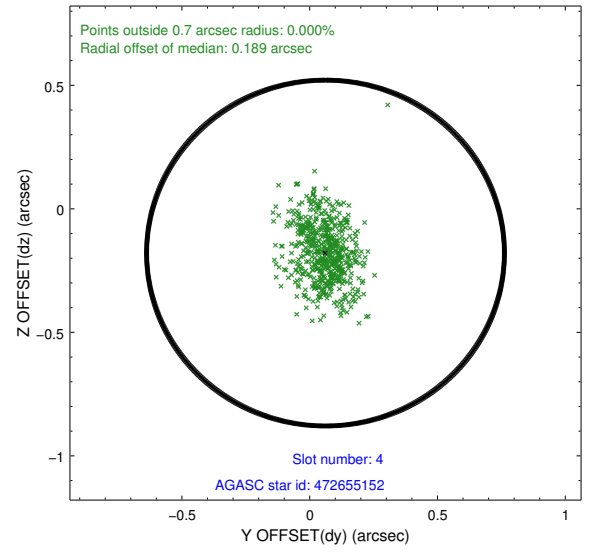
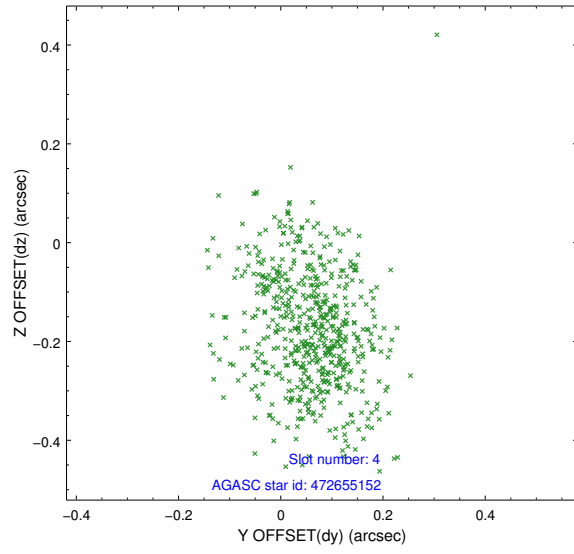
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	288	0.076	-0.131	0.008	0.020	0.000000	0.000000	-1168.03	-460.67
1	FID	HRC-S-2	6.97	289	0.215	-0.113	0.006	0.014	0.000000	0.000000	1227.73	-454.84
2	FID	HRC-S-3	6.98	289	0.099	-0.057	0.007	0.015	0.000000	0.000000	-1166.49	567.35
3	GUIDE	472533912	9.15	577	0.054	-0.027	0.147	0.232	331.791136	46.368695	-663.23	-2392.72
4	GUIDE	472655152	9.42	576	0.062	-0.179	0.143	0.240	332.504239	45.862991	-852.53	141.96
5	GUIDE	472665256	9.02	576	0.134	0.154	0.086	0.141	332.808125	46.195041	-2201.09	-286.95
6	GUIDE	472525528	6.65	577	-0.295	-0.029	0.077	0.117	331.551102	45.248694	2406.95	284.25
7	GUIDE	472654568	9.42	575	0.051	0.075	0.119	0.193	332.194449	45.063576	1600.87	1850.12

2.4 Star Slots

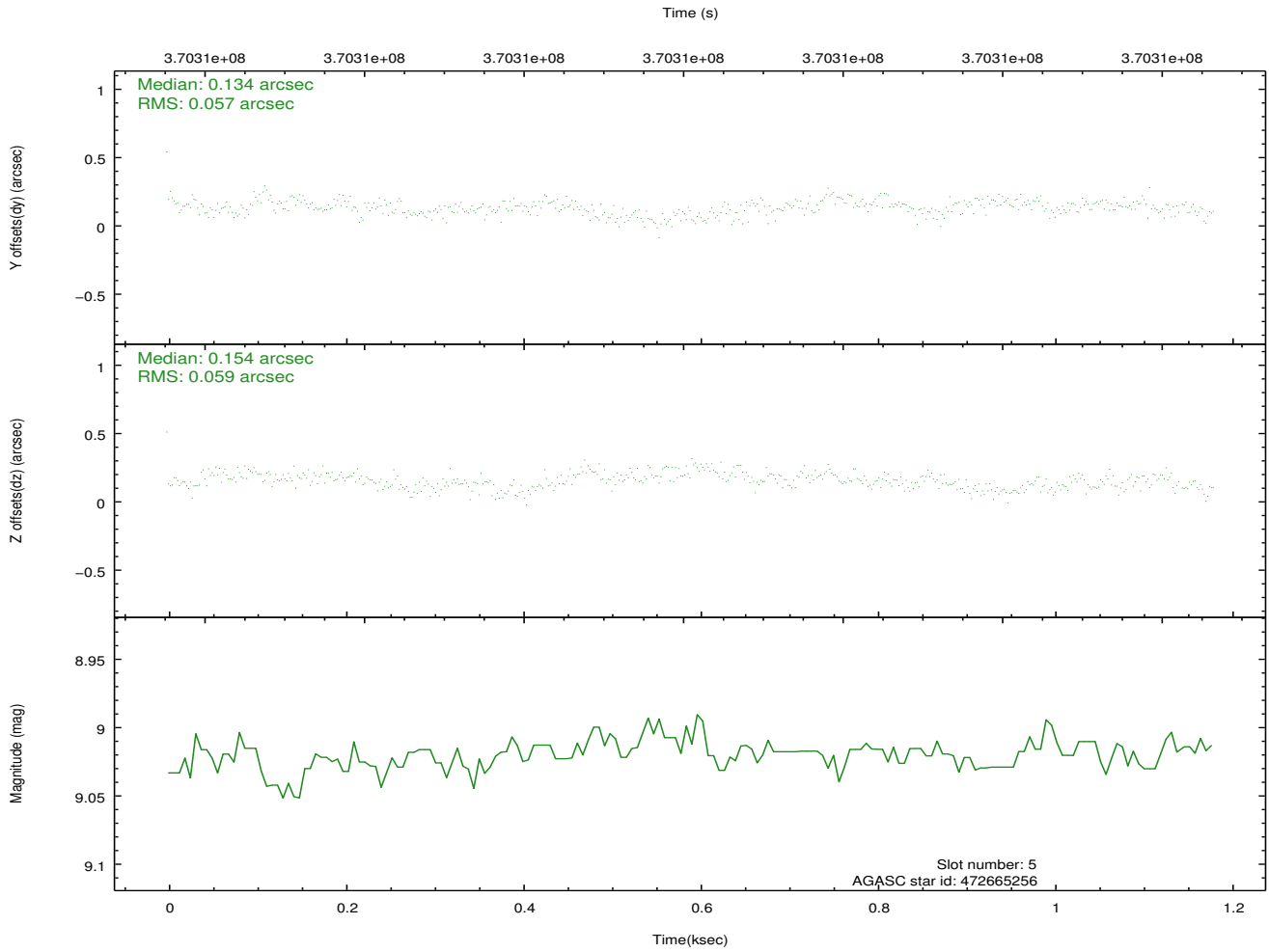
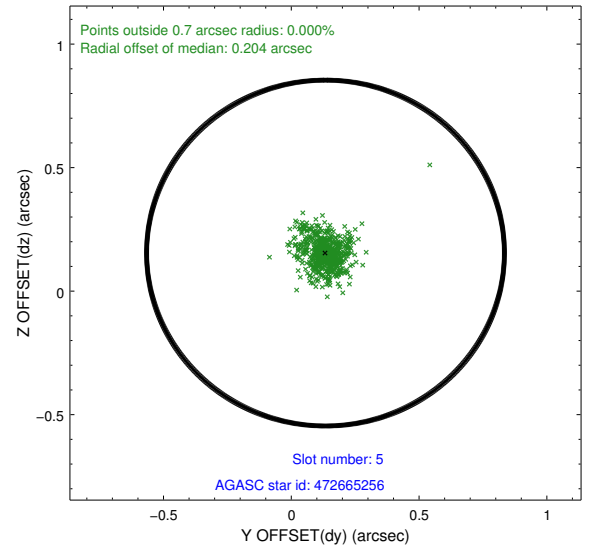
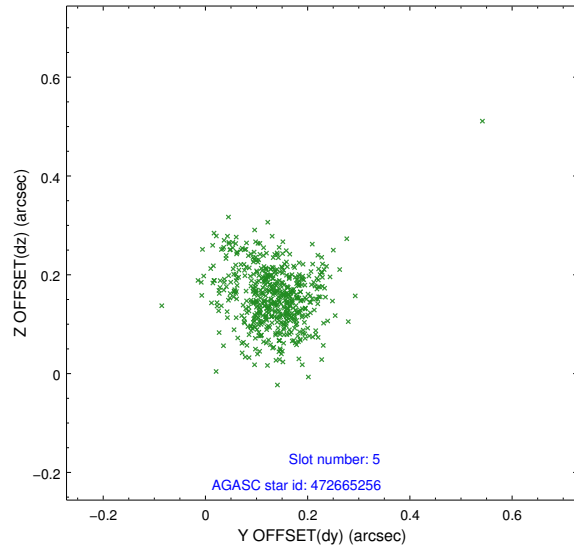
2.4.1 Slot 3



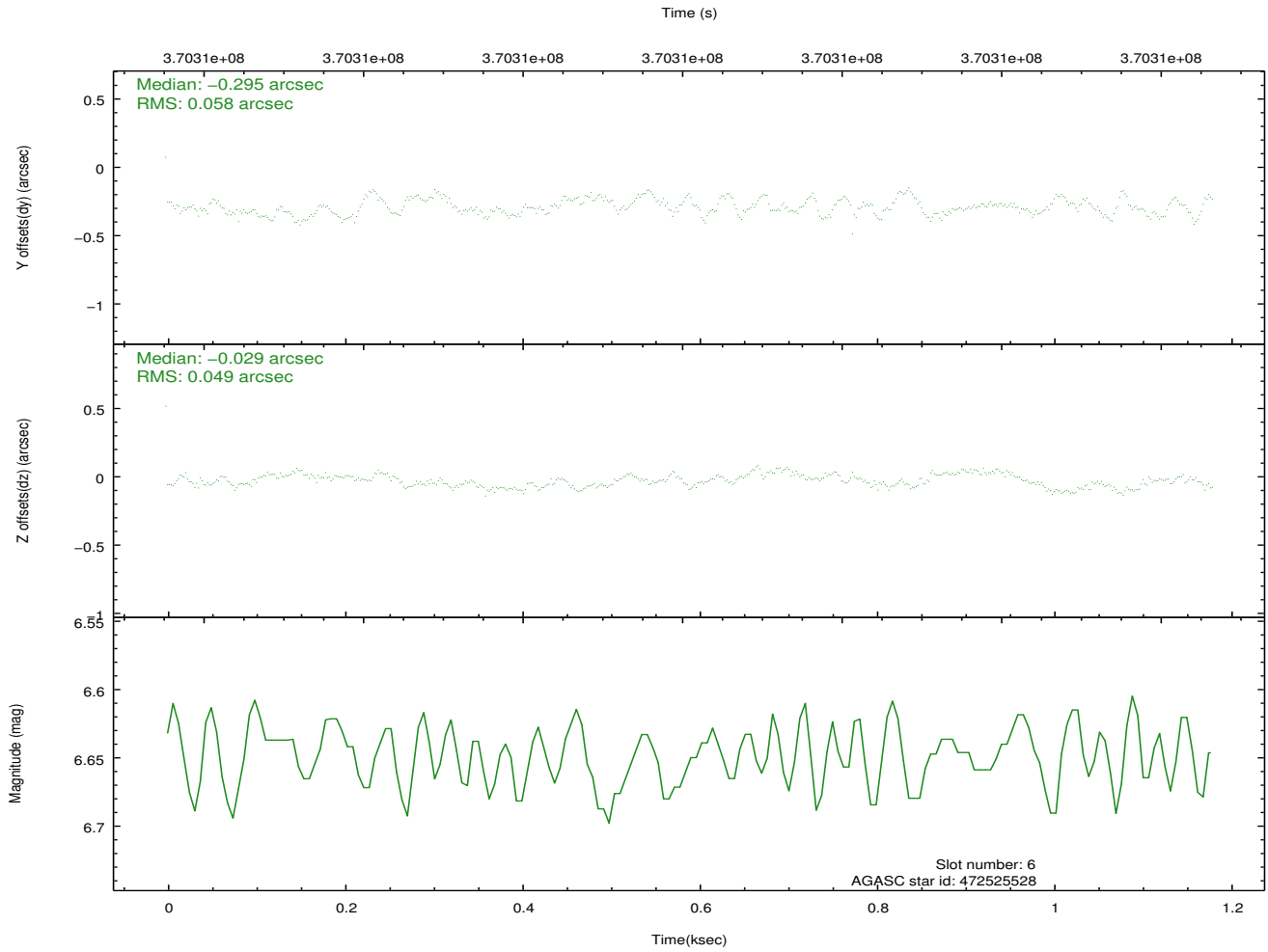
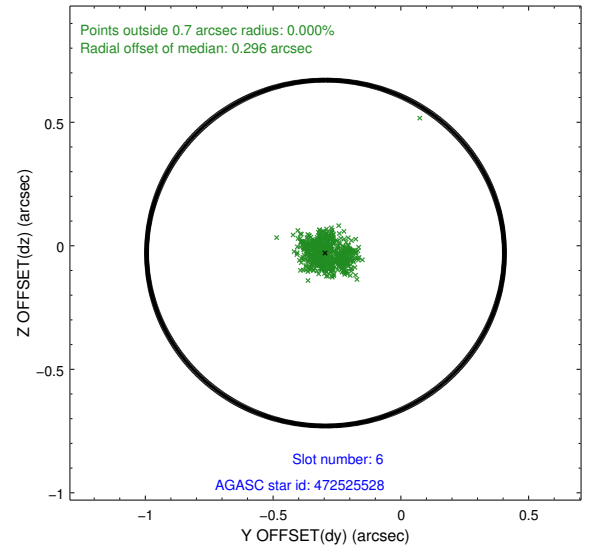
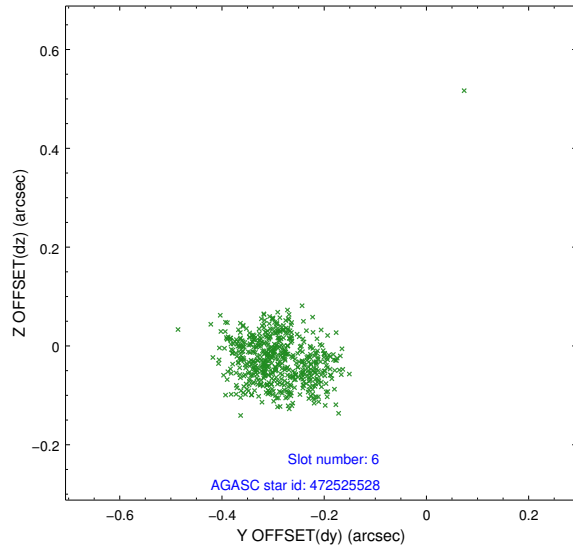
2.4.2 Slot 4



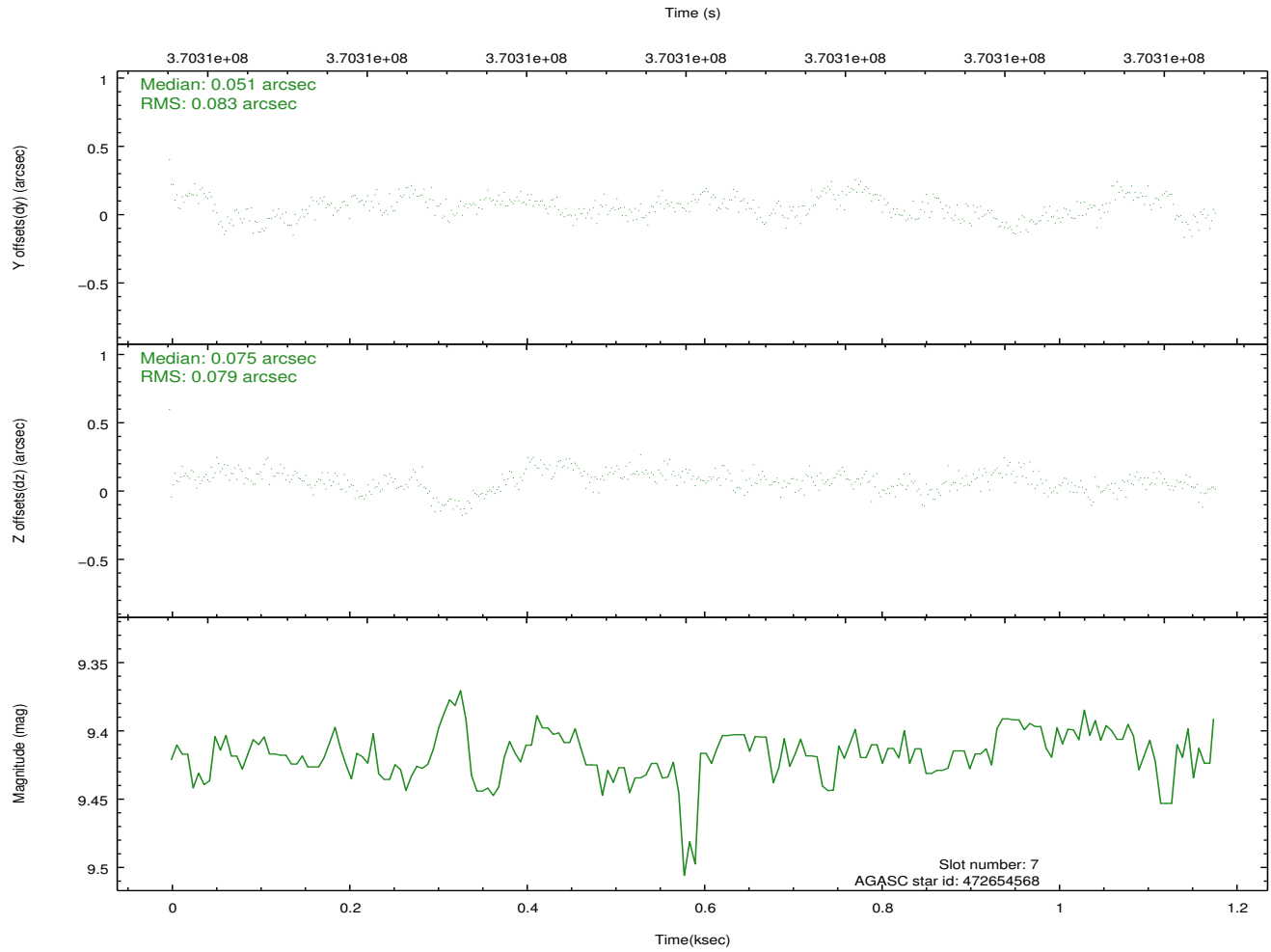
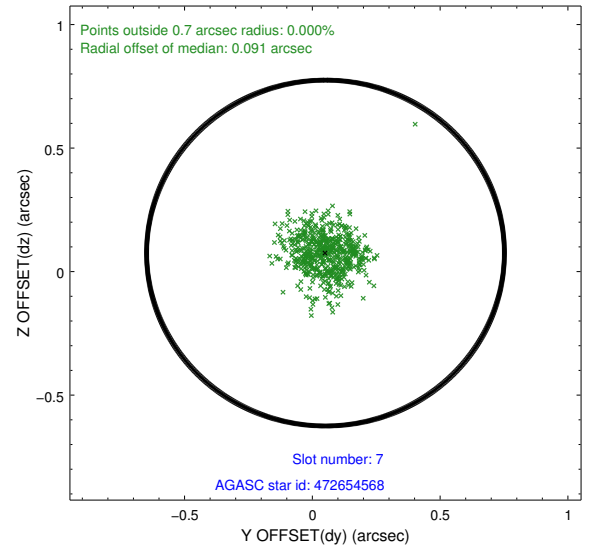
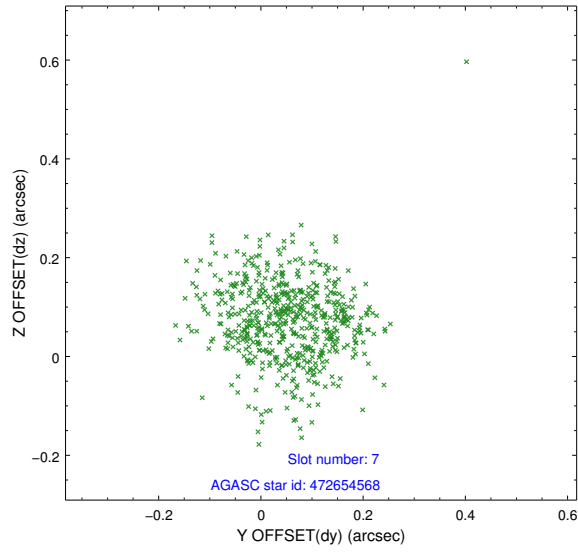
2.4.3 Slot 5



2.4.4 Slot 6

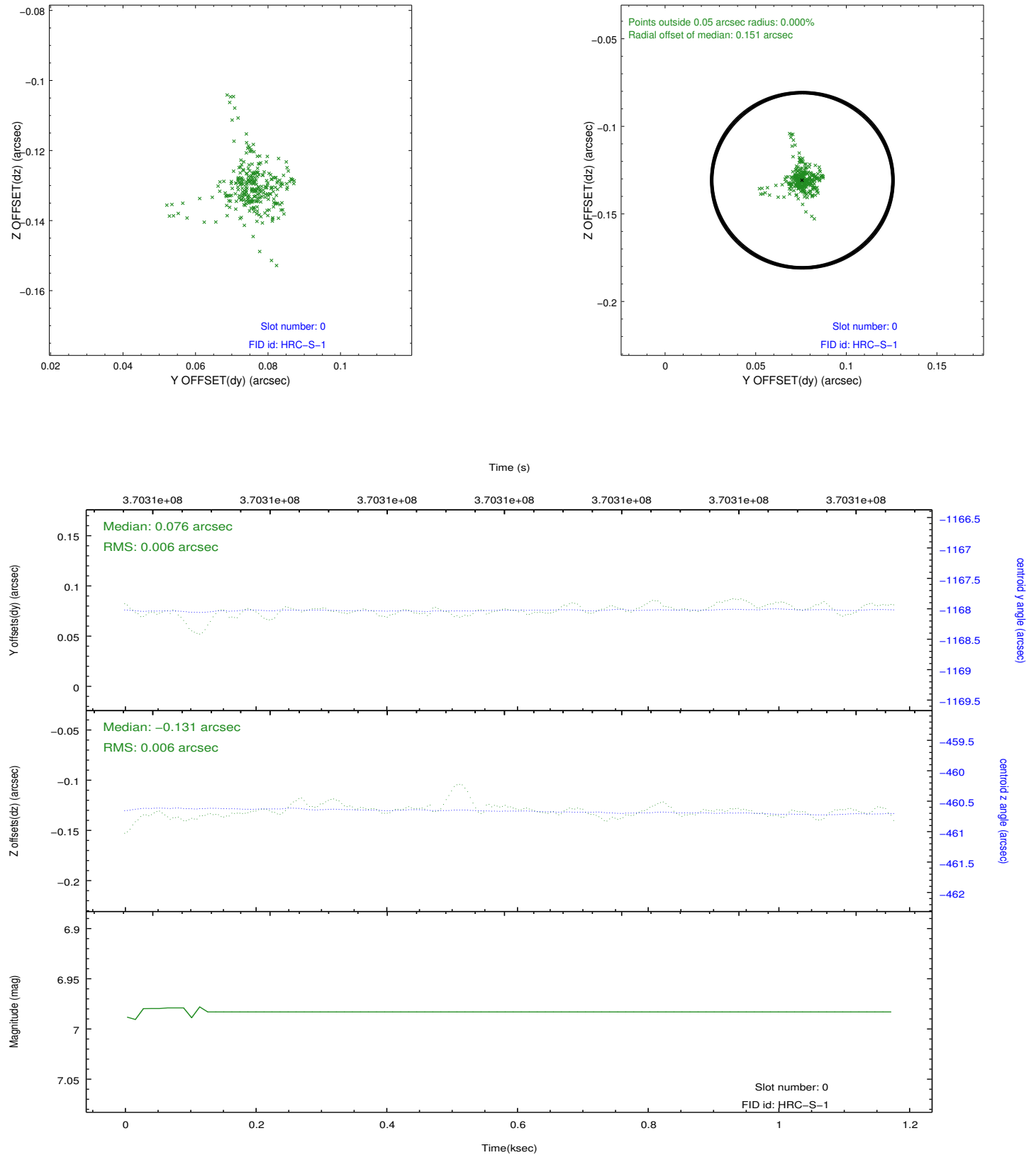


2.4.5 Slot 7

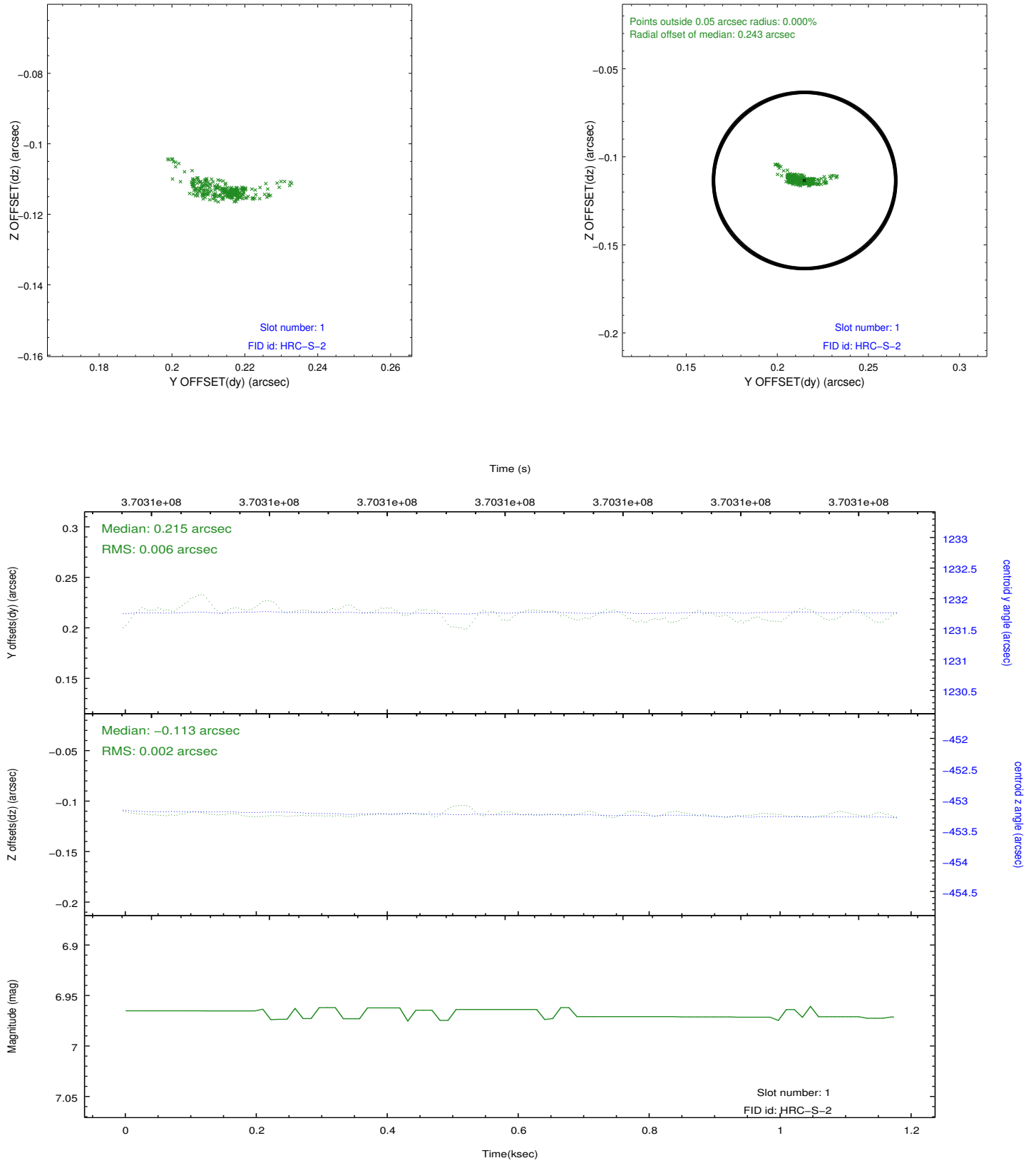


2.5 FID Slots

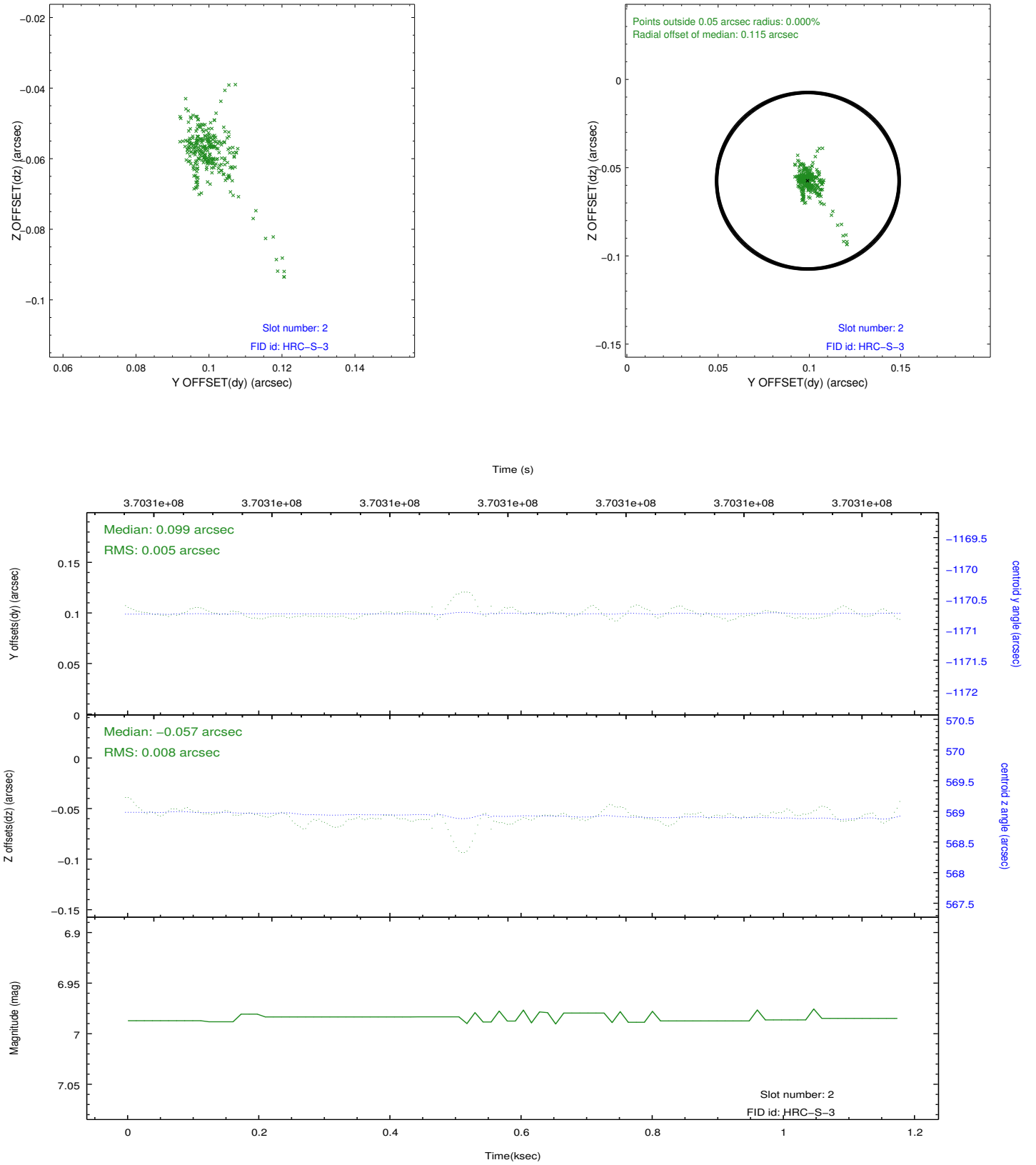
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313093066

A.2 Comments