

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6481 - L2 Version 3
Chandra X-Ray Center

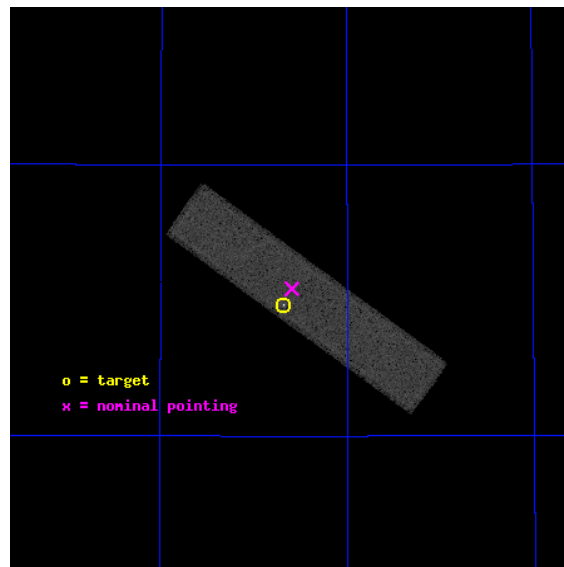
L2 Processing Date : Aug 11 2012

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1 Front

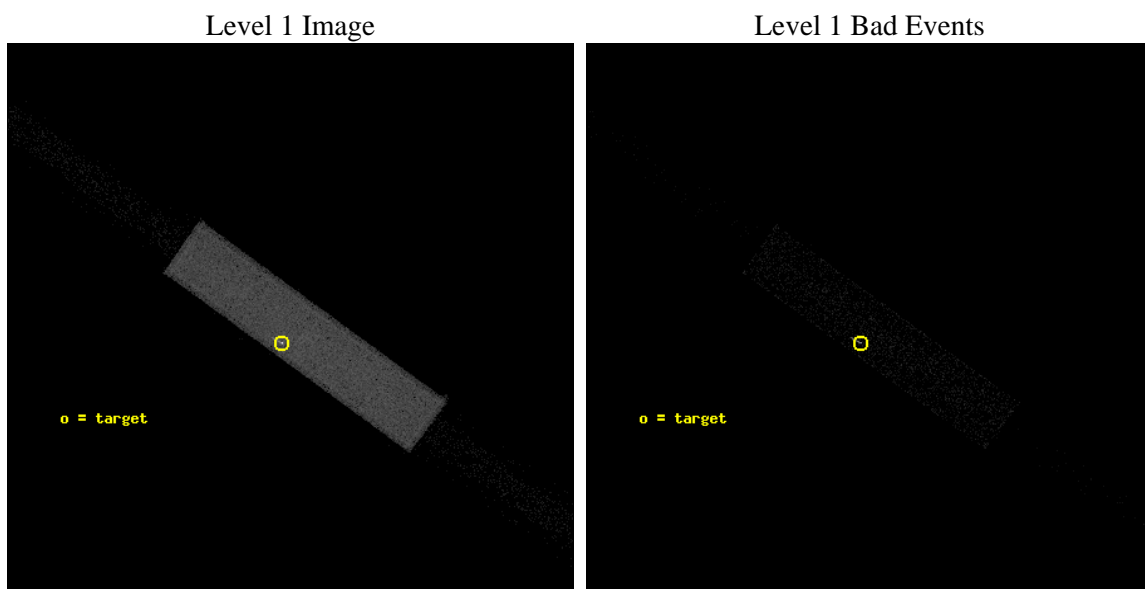
seq_num	290574	Sequence number
obs_id	6481	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14798994809	Nominal RA [deg]
dec_nom	45.772433128891	Nominal Dec [deg]
roll_nom	35.832539374974	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1155.4313037694	[s]
livetime	1146.1830023302	Ontime multiplied by DTCOR
l2events	66381	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	1155.4313037694	[s]
caldbver	4.5.1.1	 	l1events	104805	Number of level 1 events
date	2012-08-11T03:24:55	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

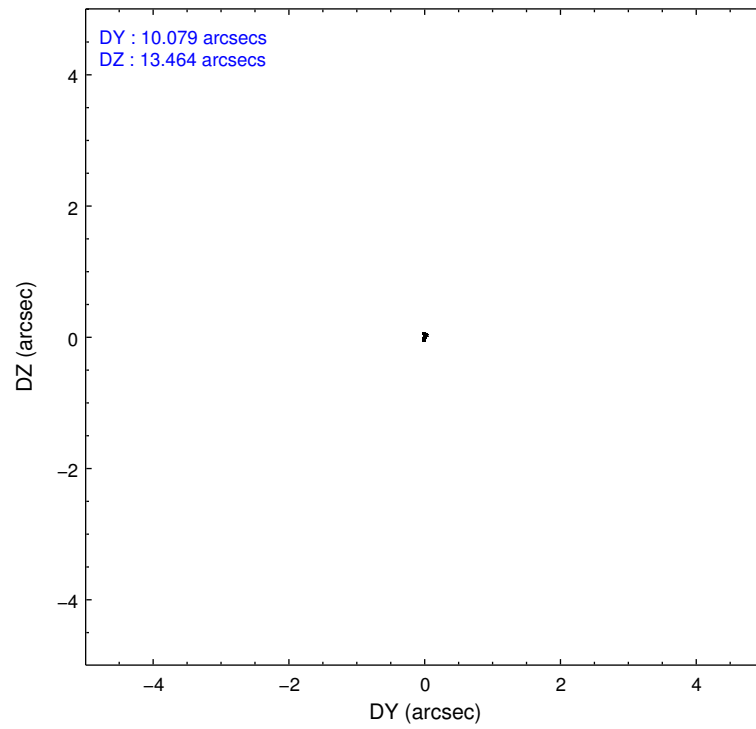
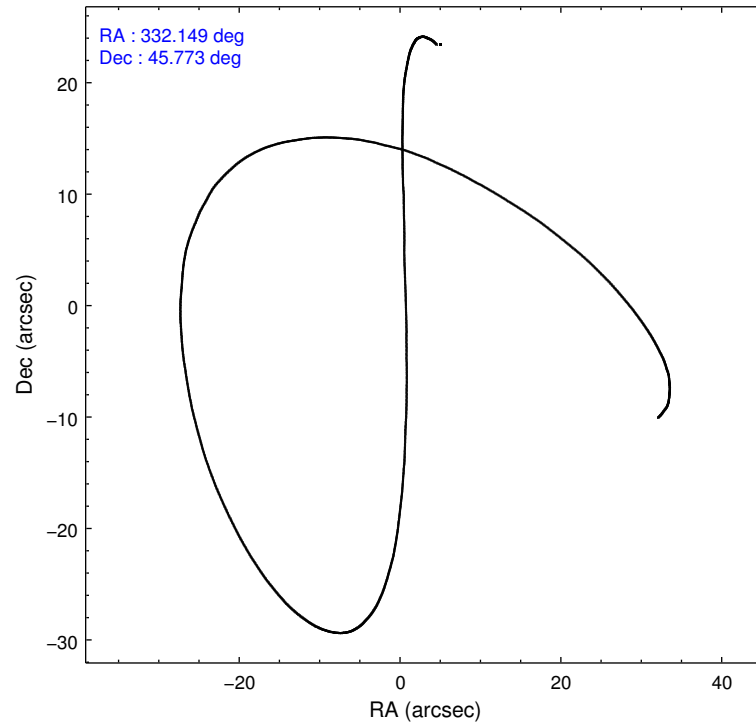
	segment 1	segment 2	segment 3
level 1 events	944	102936	925
rejected events	944	23662	925
rejected %	100%	22%	100%

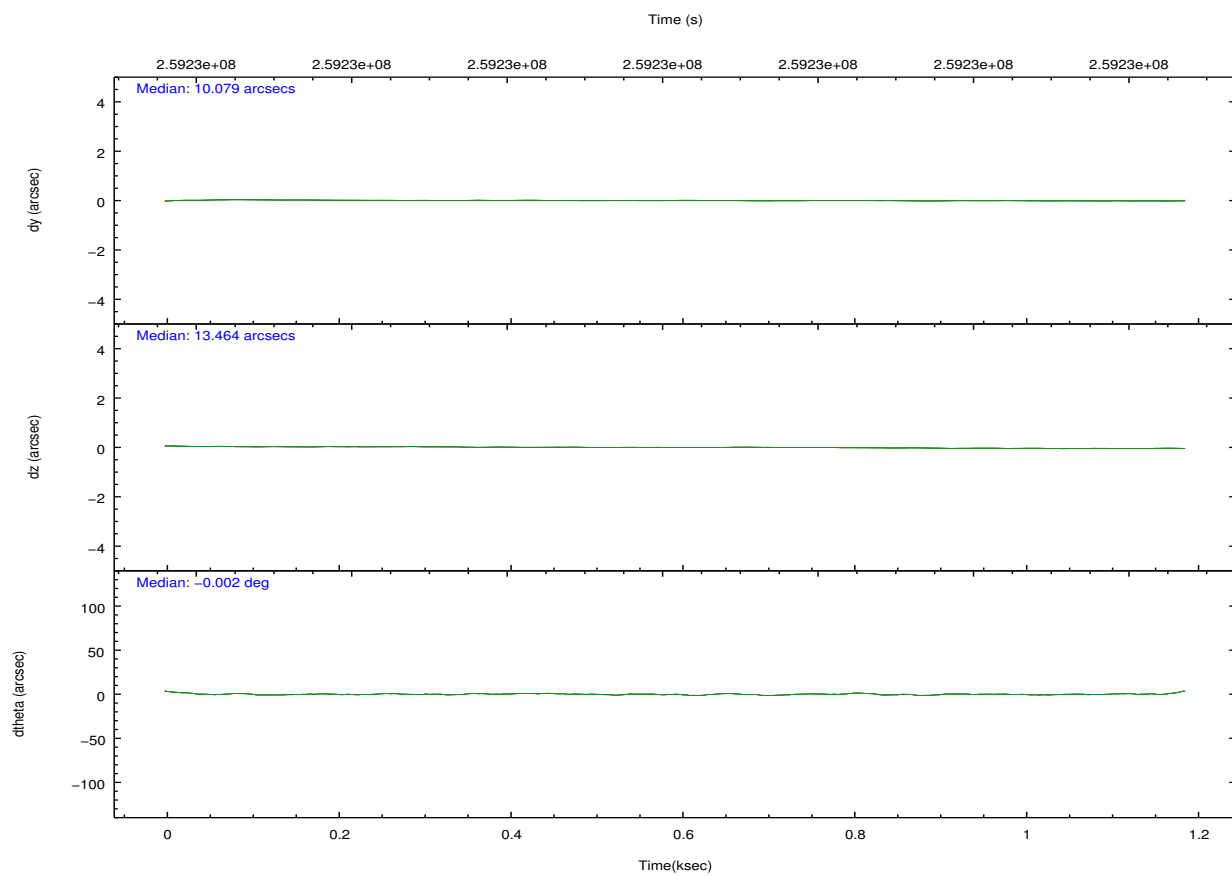
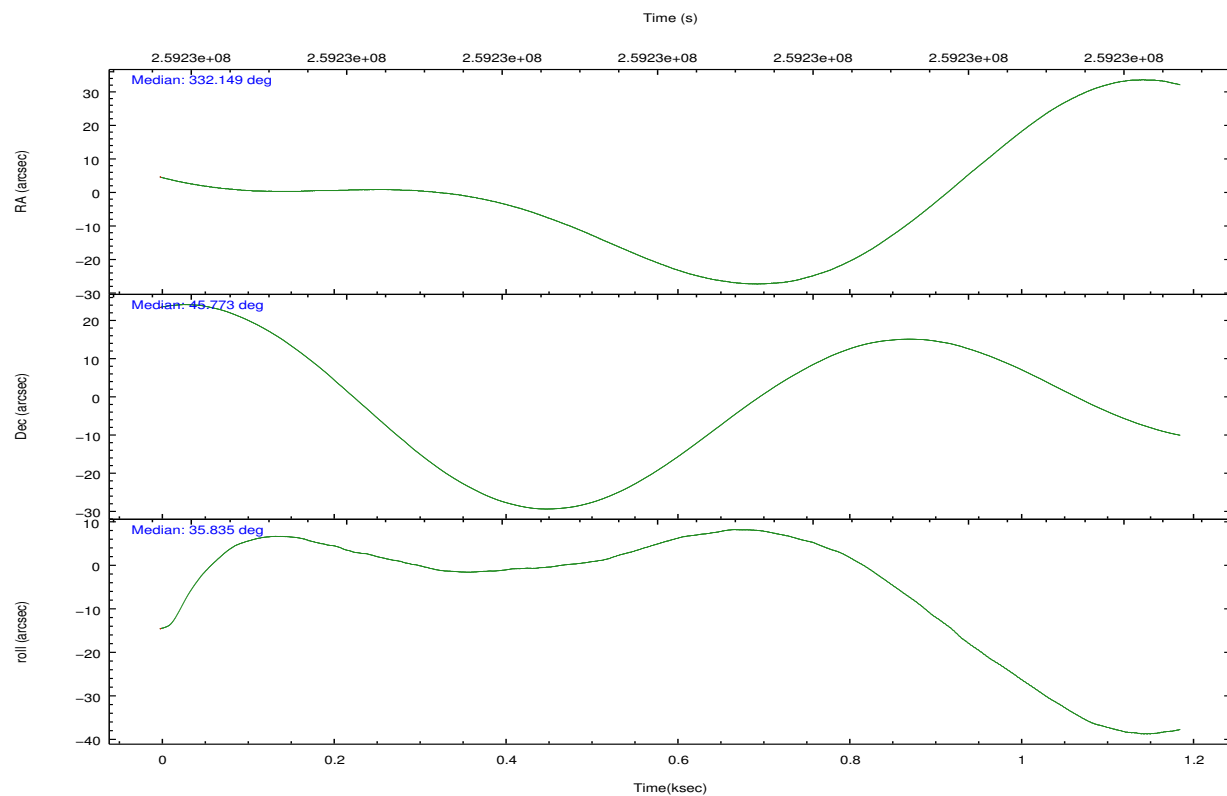
2.2 Compared Parameters

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	332.132721	332.1479899480939
[deg] Pointing Dec	45.745346	45.77243312889058
[deg] Pointing Roll	35.776226	35.83253937497408
[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)	259228009.184000	259227633.25507
Observation start date	2006-03-20T07:45:44	2006-03-20T07:40:33
[s] Observation end time (MET)	259229009.184000	259229143.08014
Observation end date	2006-03-20T08:02:24	2006-03-20T08:05:43

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

2.3 Aspect



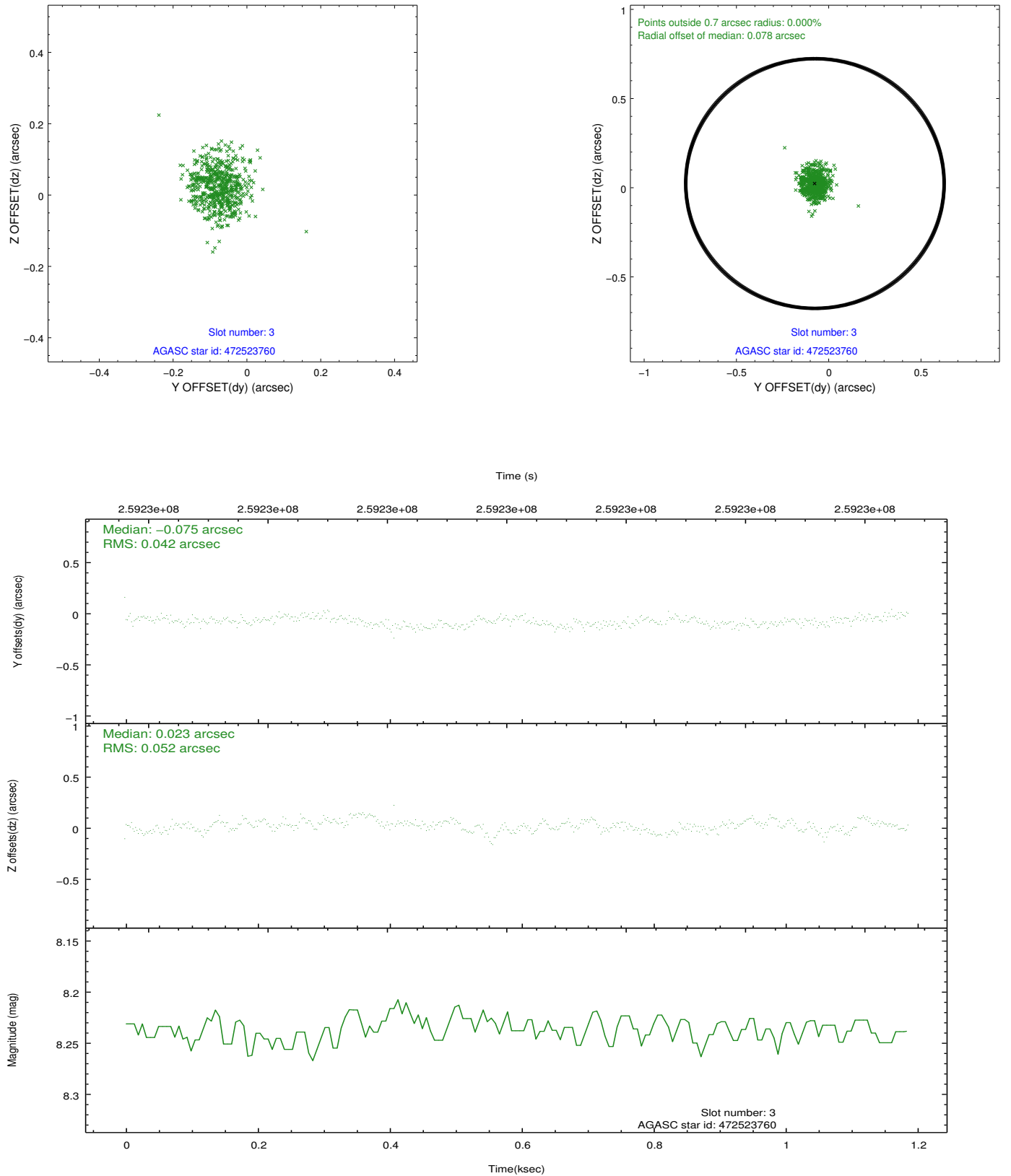


Slot Statistics

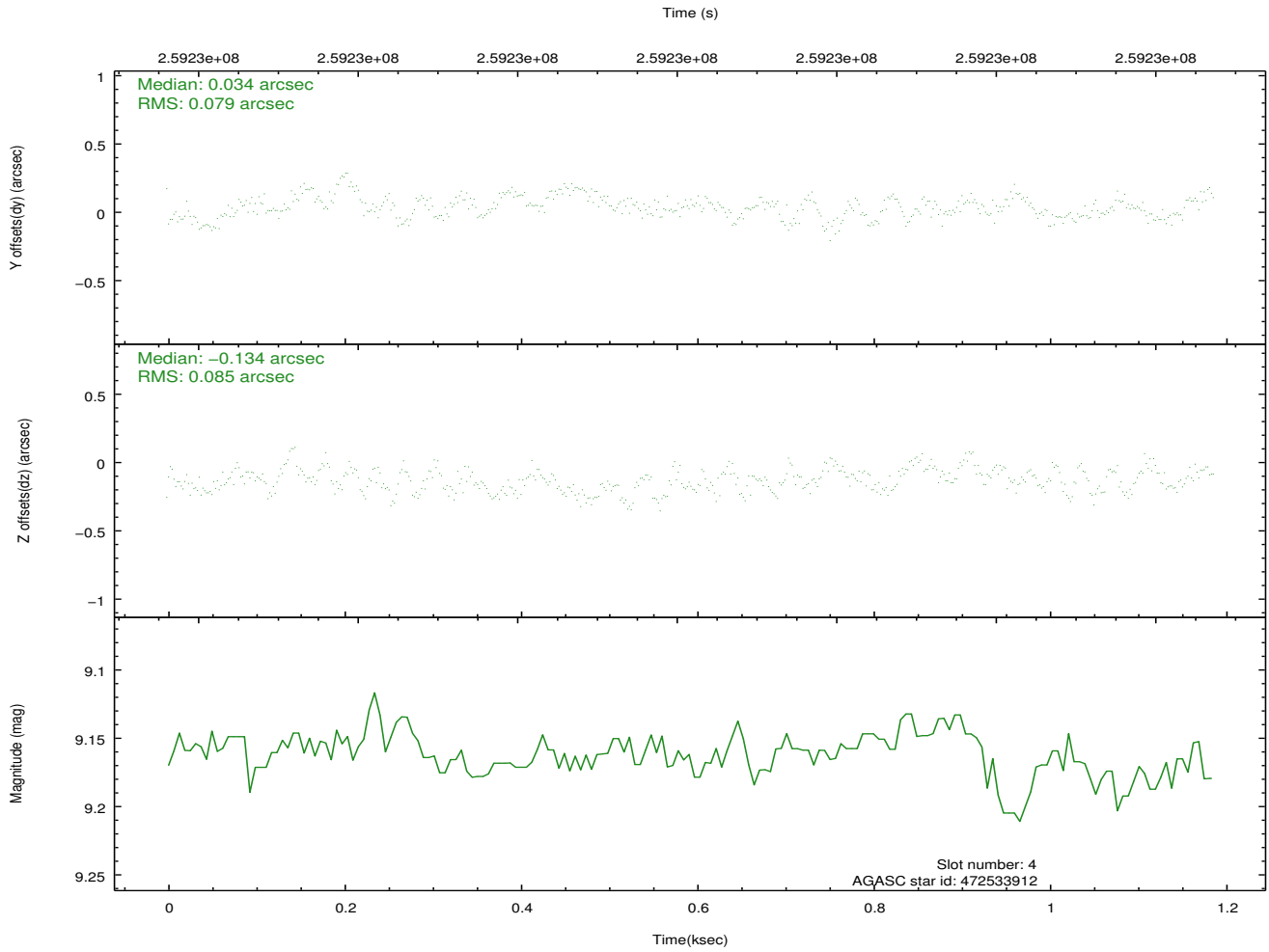
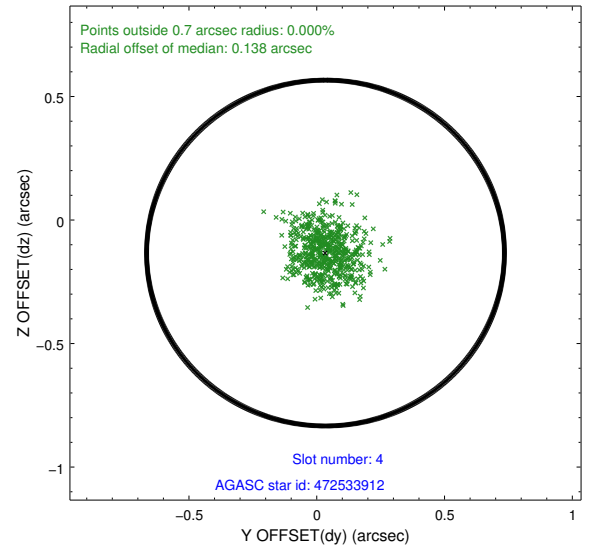
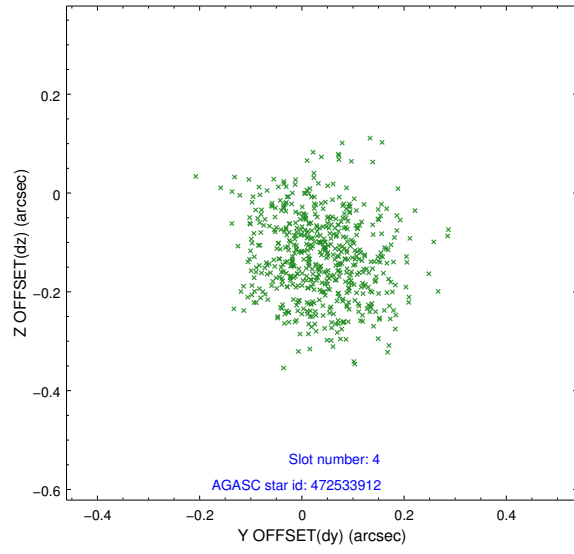
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.05	290	0.137	-0.113	0.007	0.014	0.000000	0.000000	1235.36	-454.87
1	FID	HRC-S-3	7.06	290	0.090	-0.098	0.006	0.010	0.000000	0.000000	-1162.78	565.79
2	FID	HRC-S-4	7.03	290	0.178	-0.085	0.007	0.013	0.000000	0.000000	1230.00	571.83
3	GUIDE	472523760	8.24	578	-0.075	0.023	0.071	0.111	331.645363	45.403260	-1718.84	-276.37
4	GUIDE	472533912	9.16	580	0.034	-0.134	0.127	0.202	331.791136	46.368695	620.17	2317.01
5	GUIDE	472655152	9.43	579	0.210	0.143	0.116	0.240	332.504239	45.862991	1004.29	-195.62
6	GUIDE	472665256	9.03	579	-0.201	-0.035	0.091	0.141	332.808125	46.195041	2316.15	334.32
7	GUIDE	420754040	9.07	579	0.036	0.016	0.100	0.163	331.917939	44.882543	-2256.80	-2199.38

2.4 Star Slots

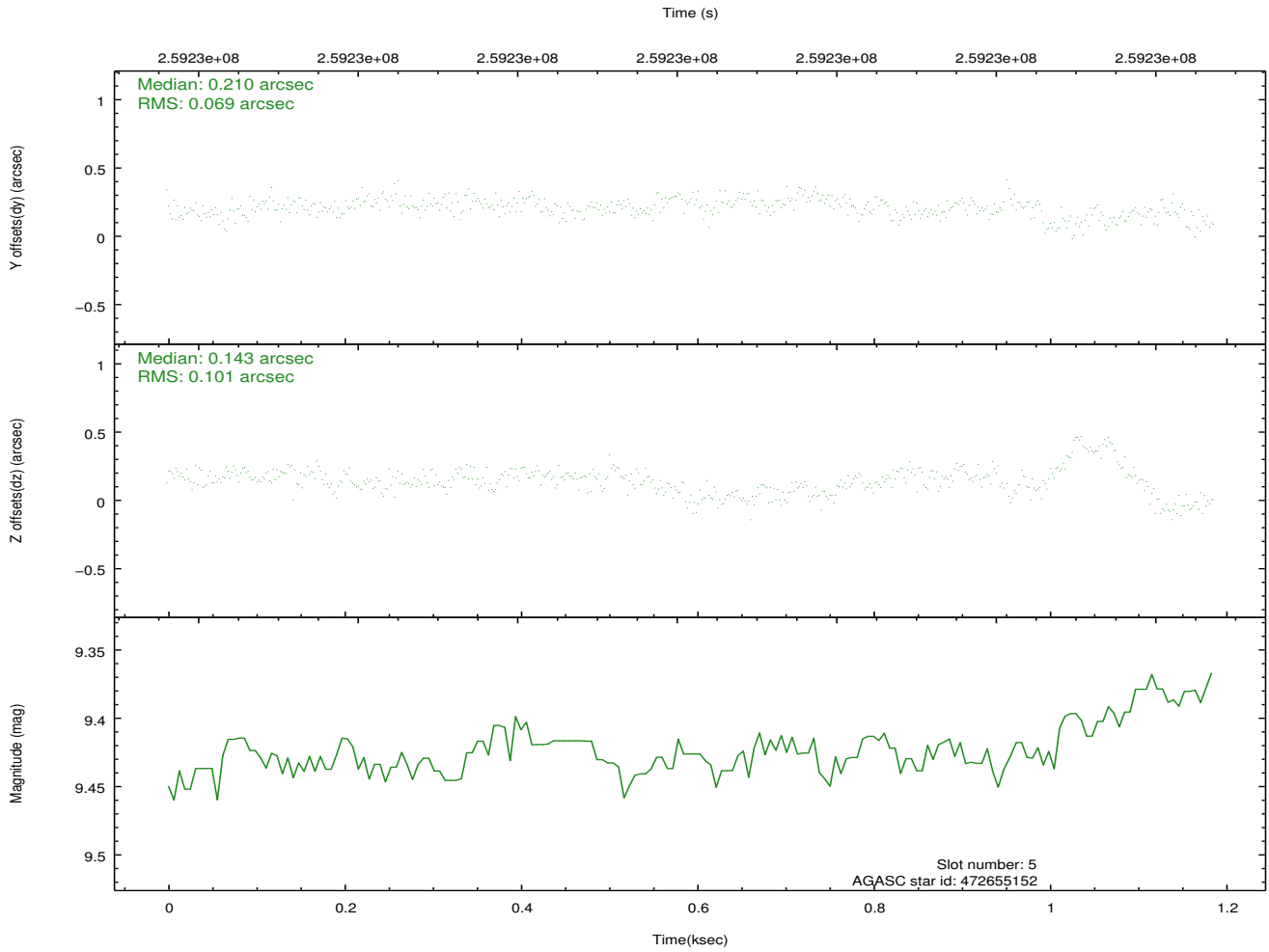
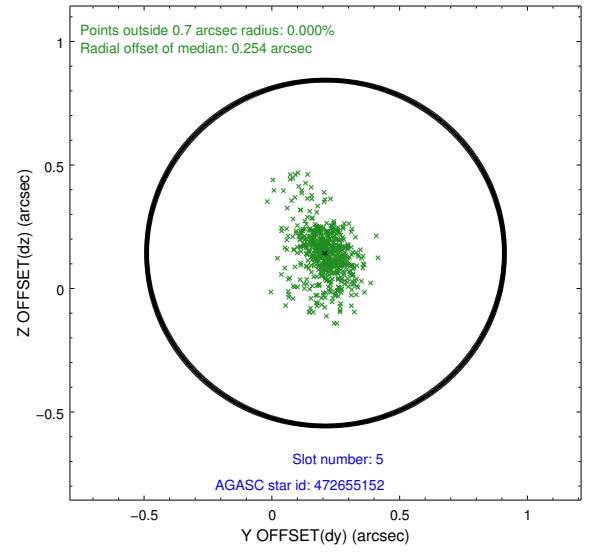
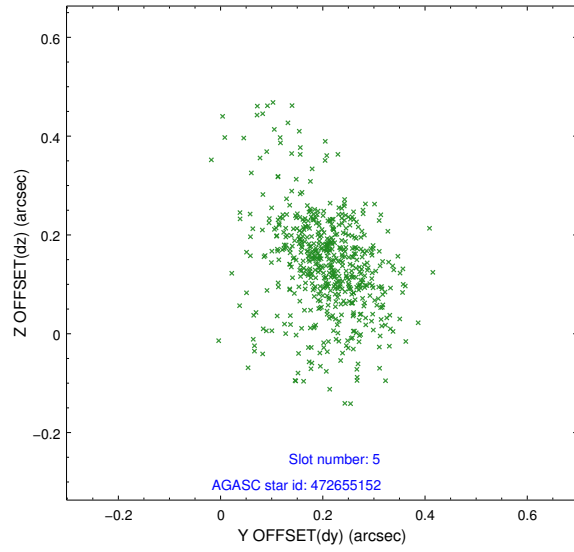
2.4.1 Slot 3



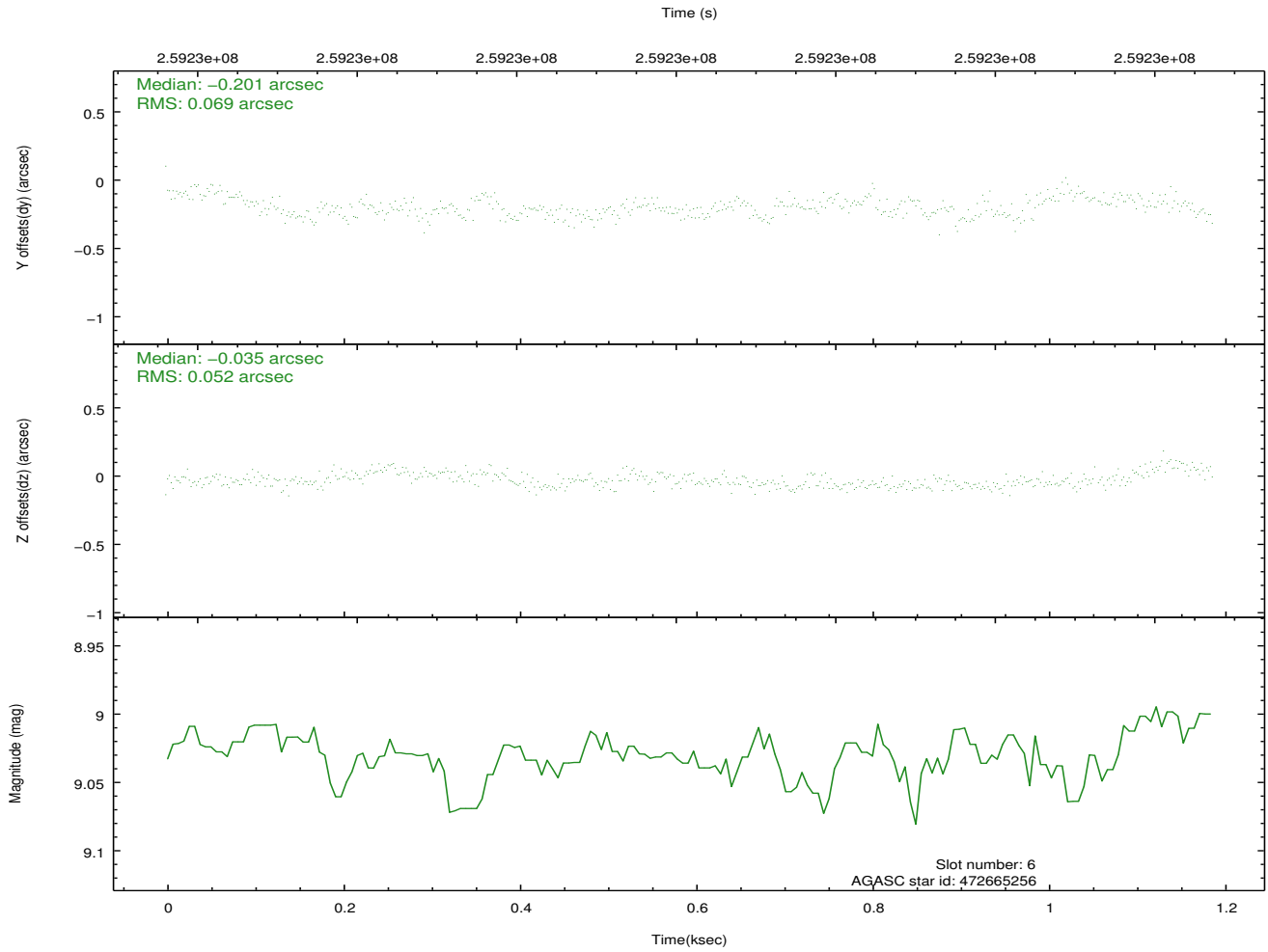
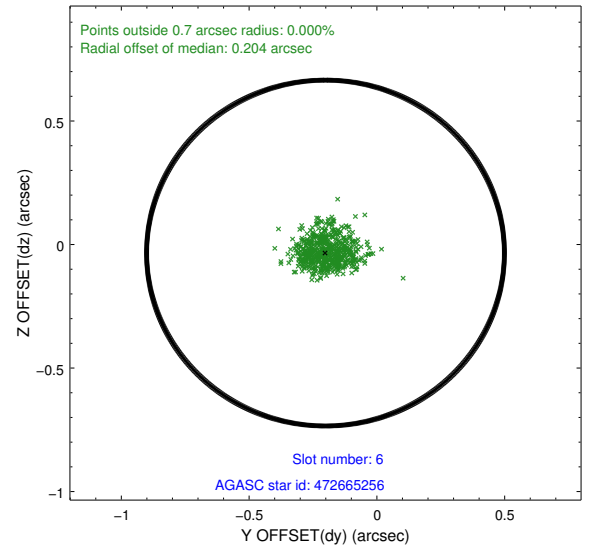
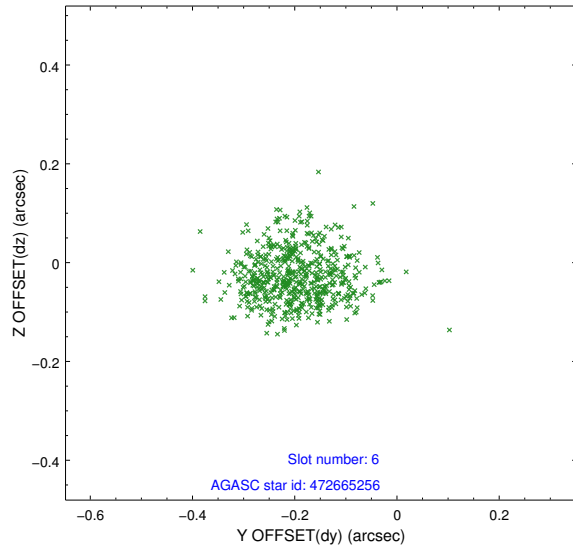
2.4.2 Slot 4



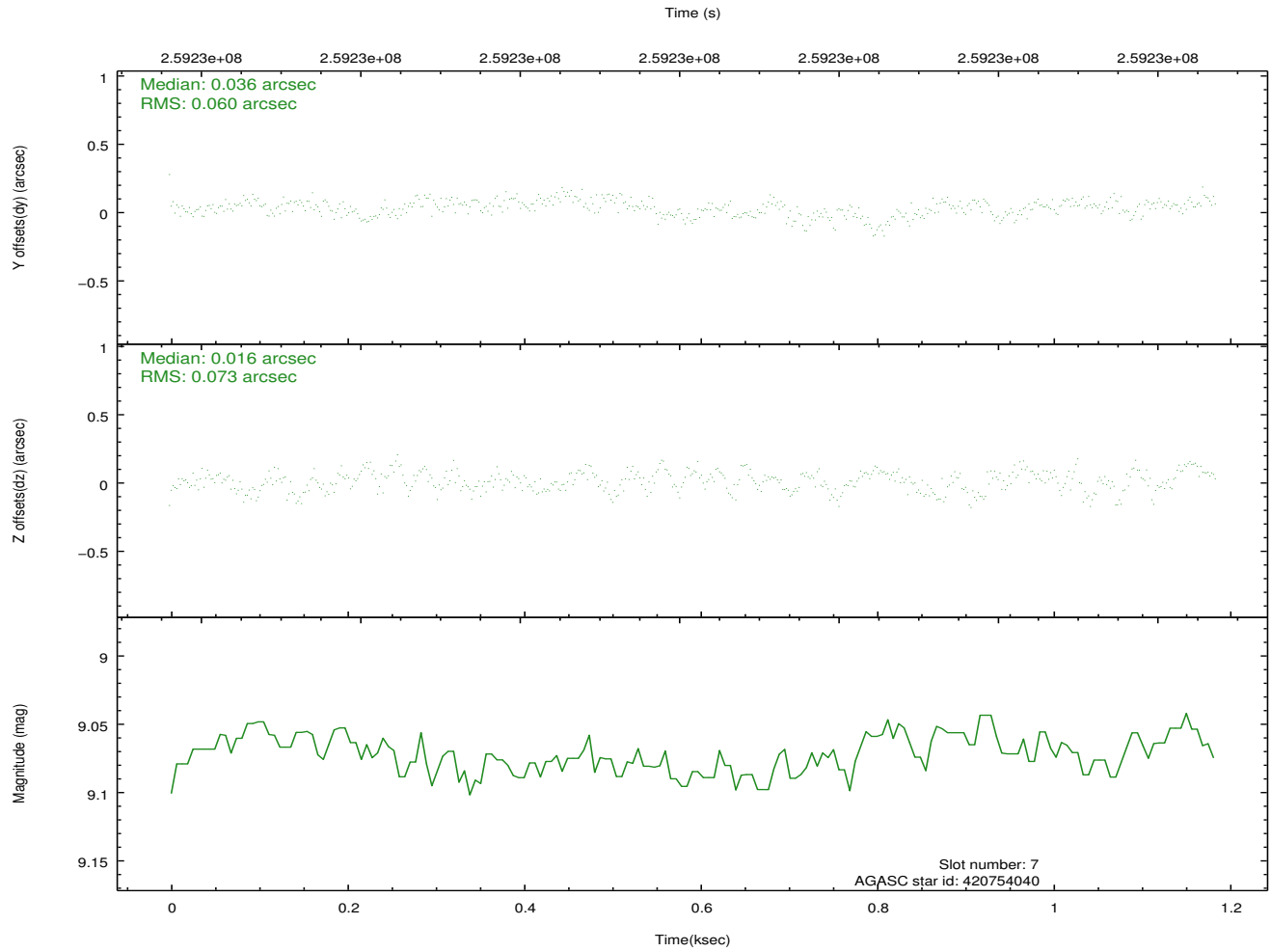
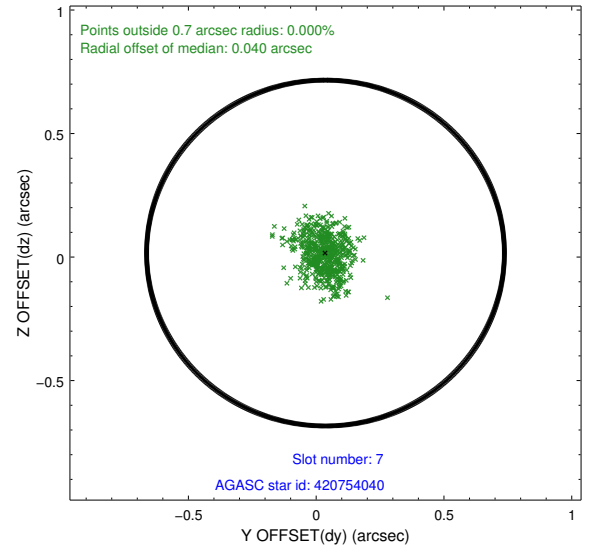
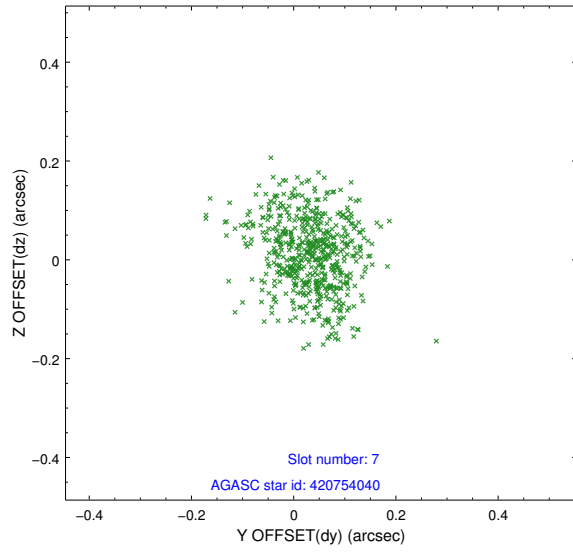
2.4.3 Slot 5



2.4.4 Slot 6

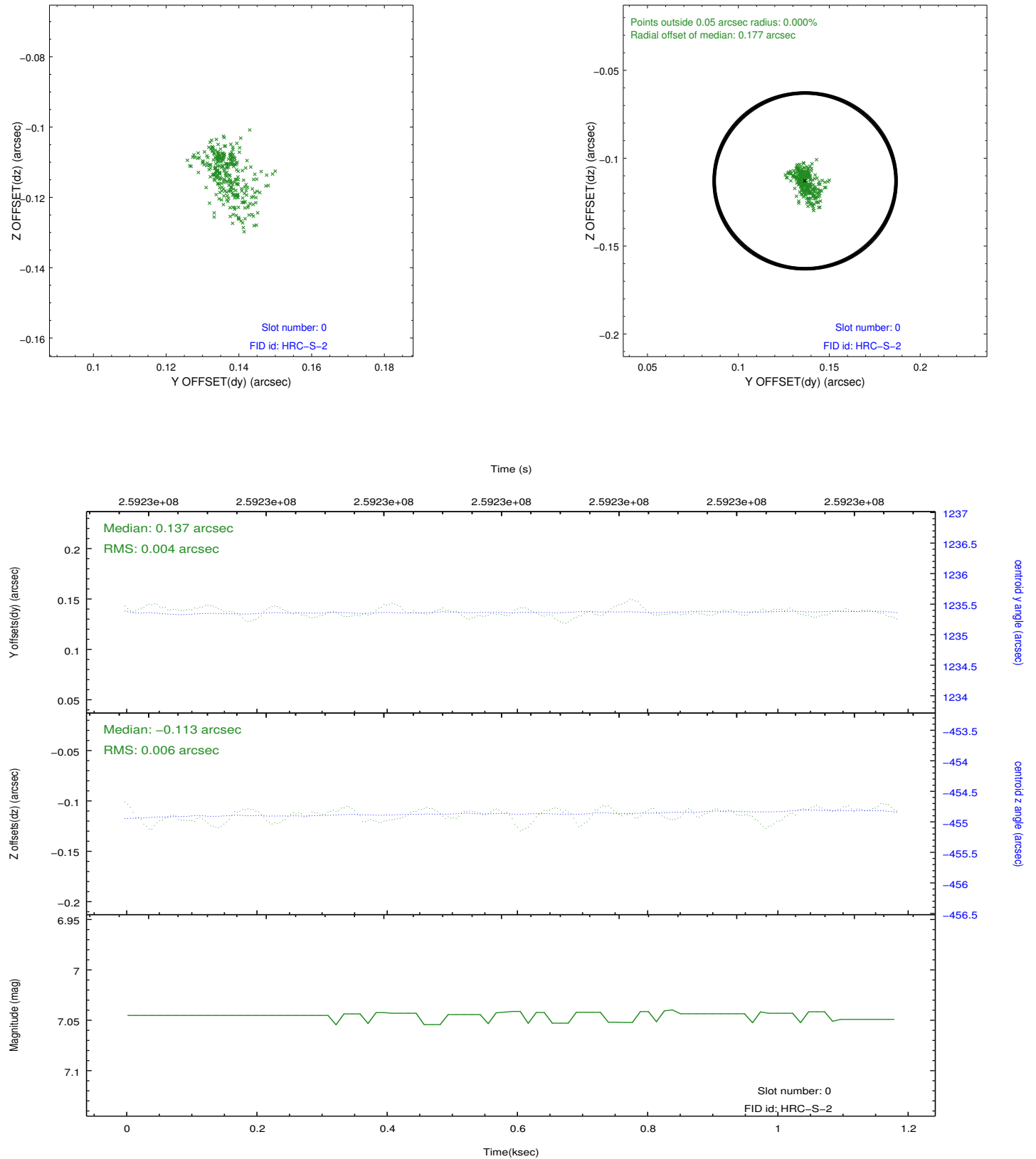


2.4.5 Slot 7

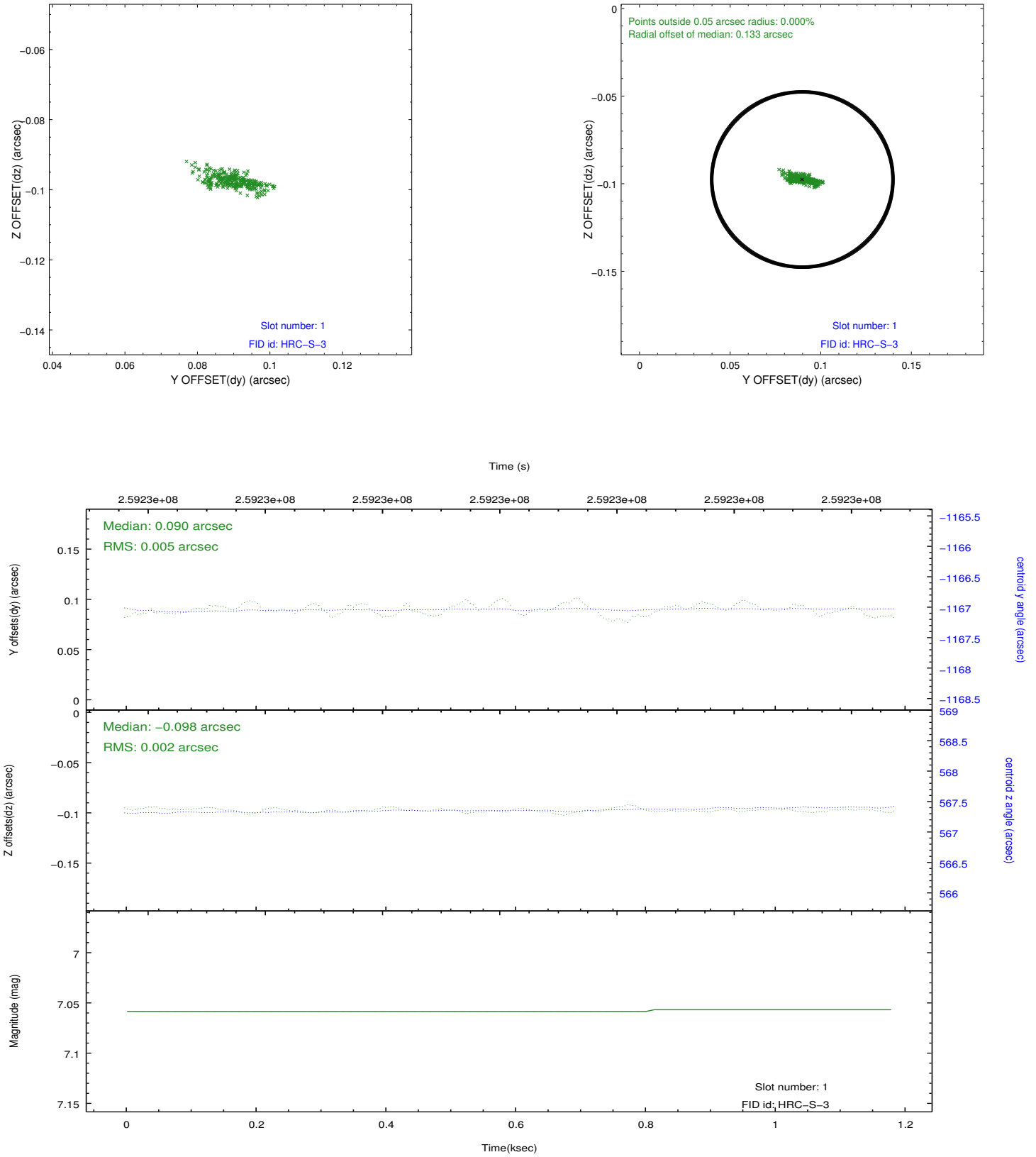


2.5 FID Slots

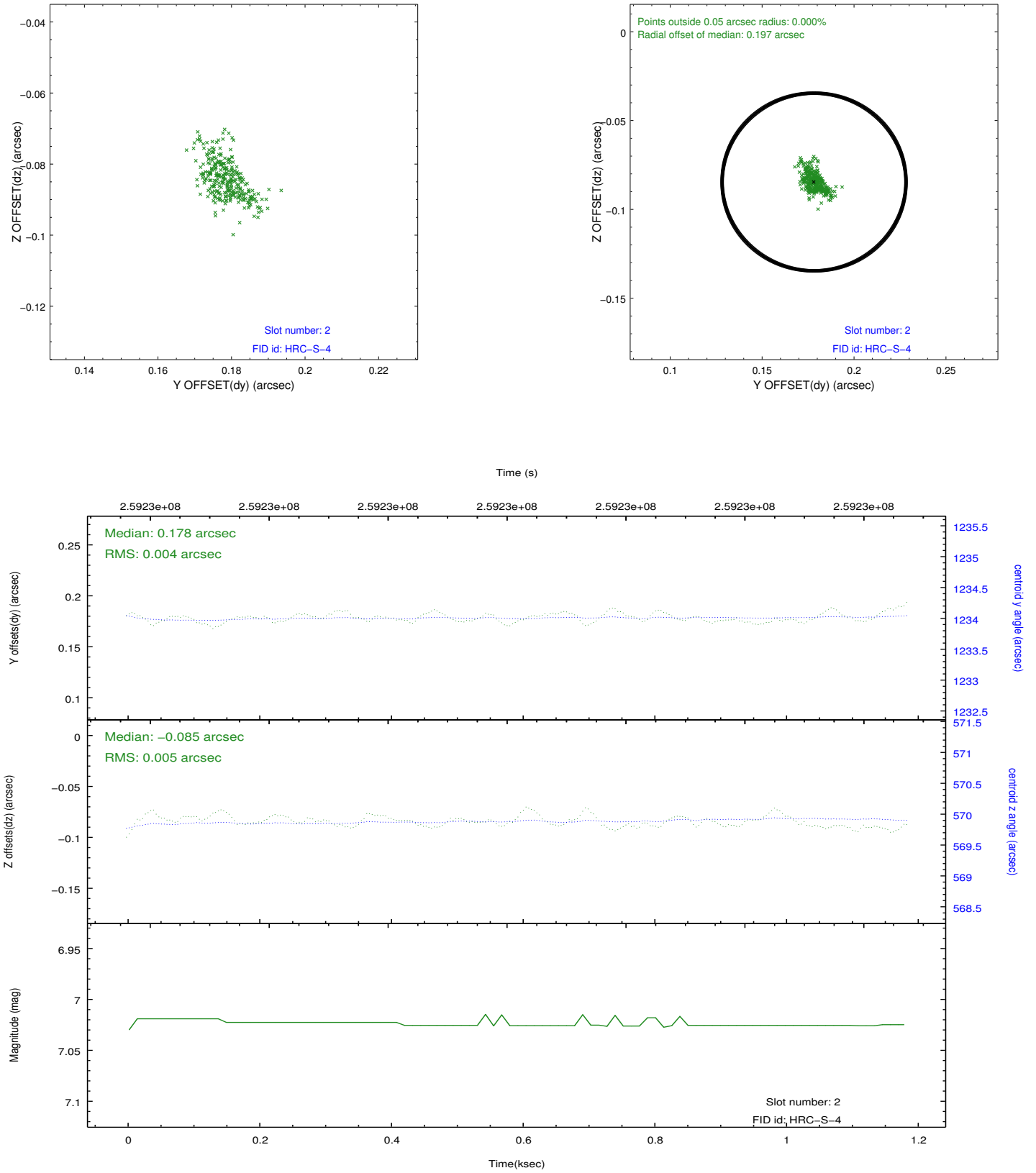
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1554313

A.2 Comments