

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11928 - L2 Version 2
Chandra X-Ray Center

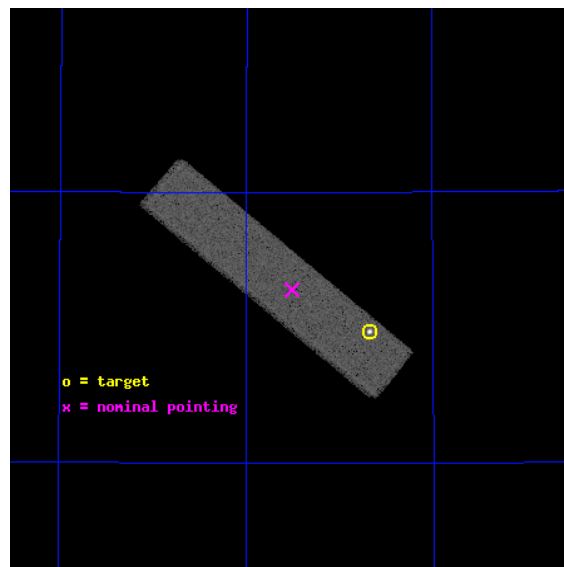
L2 Processing Date : Jul 3 2012

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1 Front

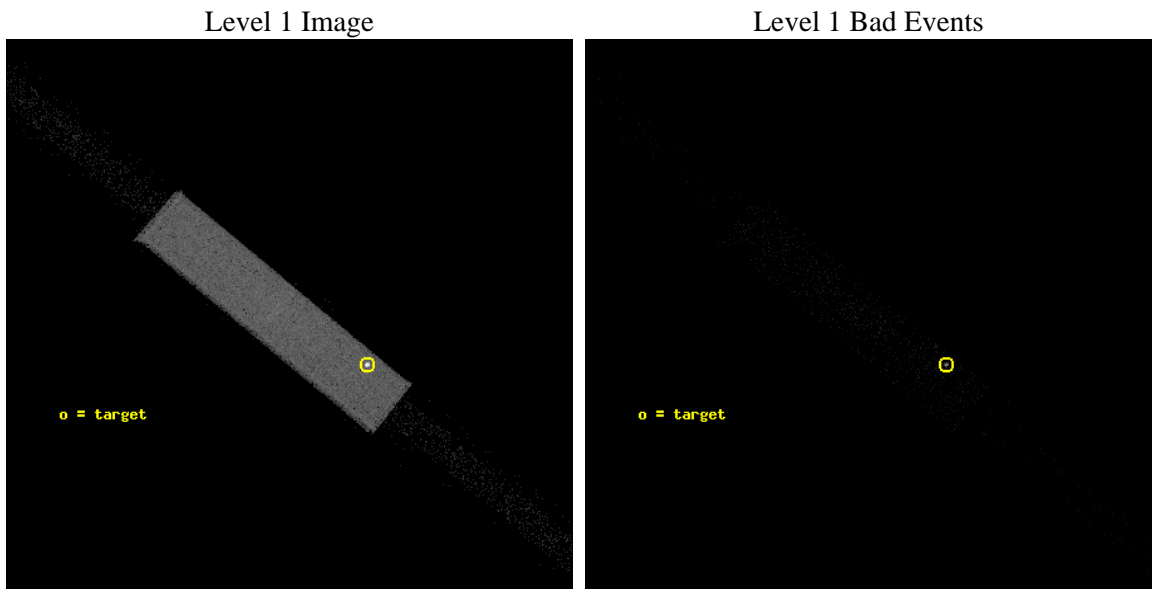
seq_num	290917	Sequence number
obs_id	11928	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.37814925383	Nominal RA [deg]
dec_nom	45.819932383962	Nominal Dec [deg]
roll_nom	219.41121708363	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1155.4313093424	[s]
livetime	1145.4845427446	Ontime multiplied by DTCOR
l2events	75624	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	1155.4313093424	[s]
caldbver	4.5.0	 	l1events	109518	Number of level 1 events
date	2012-07-04T00:00:15	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

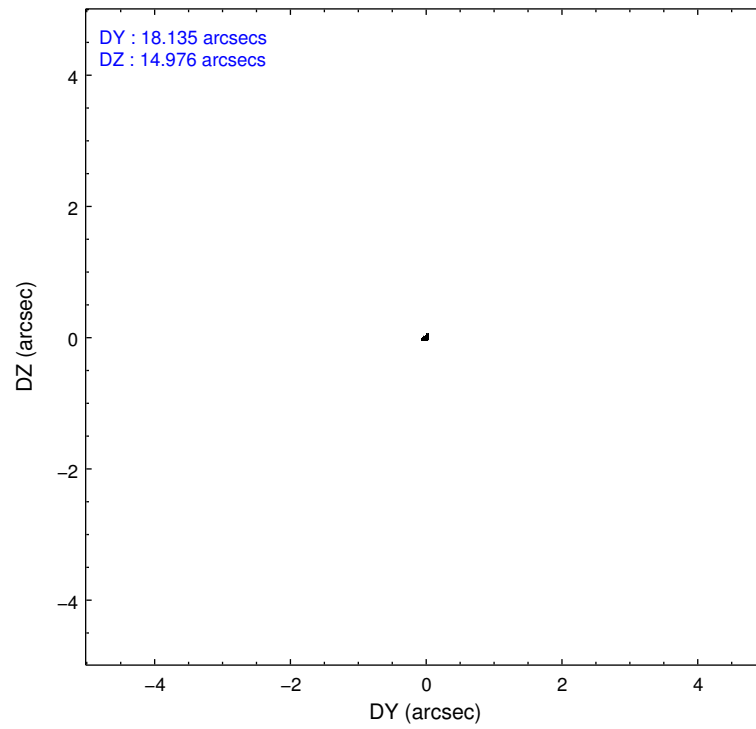
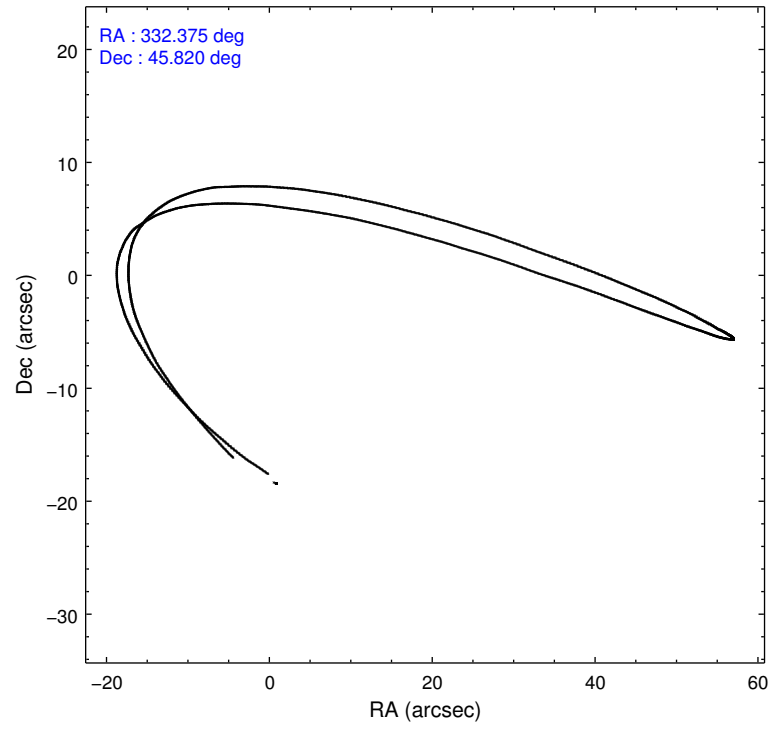
	segment 1	segment 2	segment 3
level 1 events	990	107579	949
rejected events	990	19261	949
rejected %	100%	17%	100%

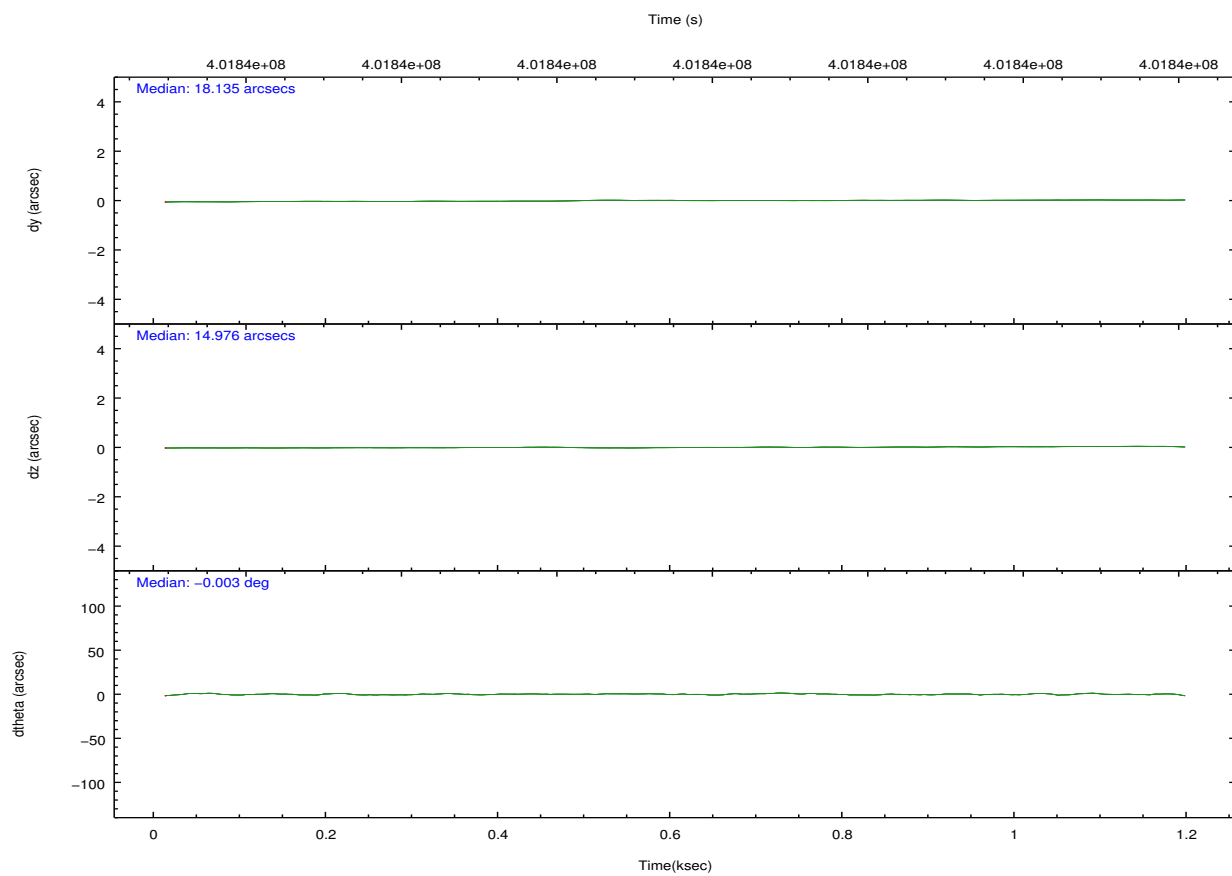
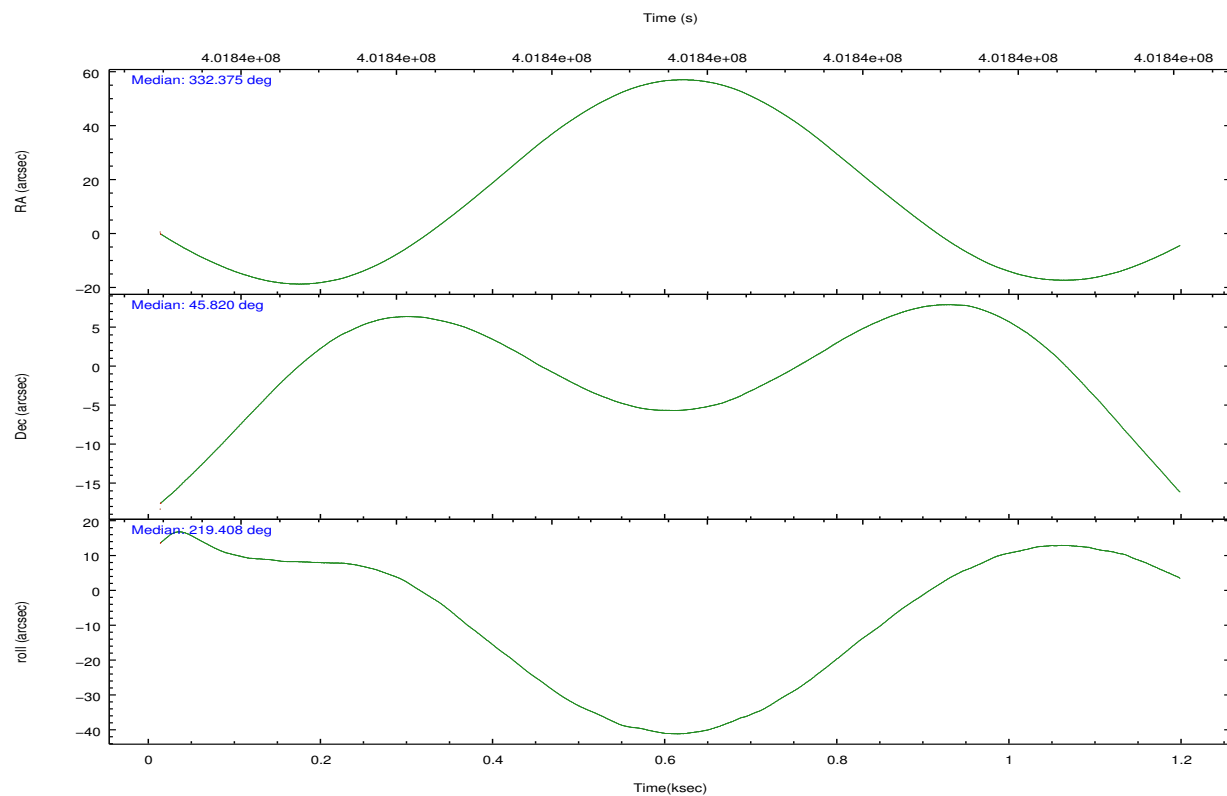
2.2 Compared Parameters

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	332.392191	332.3781492538259
[deg] Pointing Dec	45.846752	45.8199323839623
[deg] Pointing Roll	219.333750	219.4112170836266
[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)	401836359.184000	401835983.27789
Observation start date	2010-09-25T21:11:33	2010-09-25T21:06:23
[s] Observation end time (MET)	401837359.184000	401838133.2155
Observation end date	2010-09-25T21:28:13	2010-09-25T21:42:13

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

2.3 Aspect



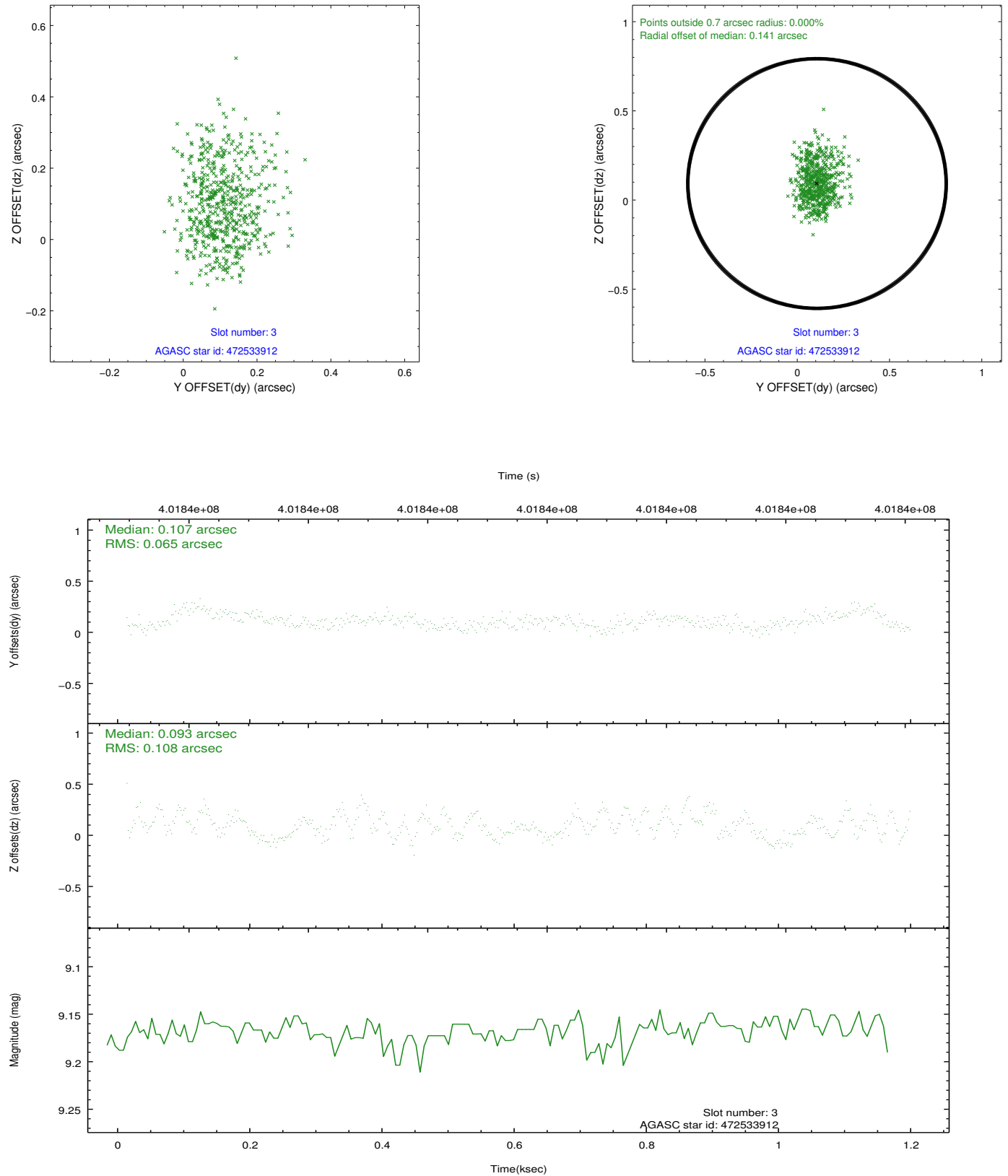


Slot Statistics

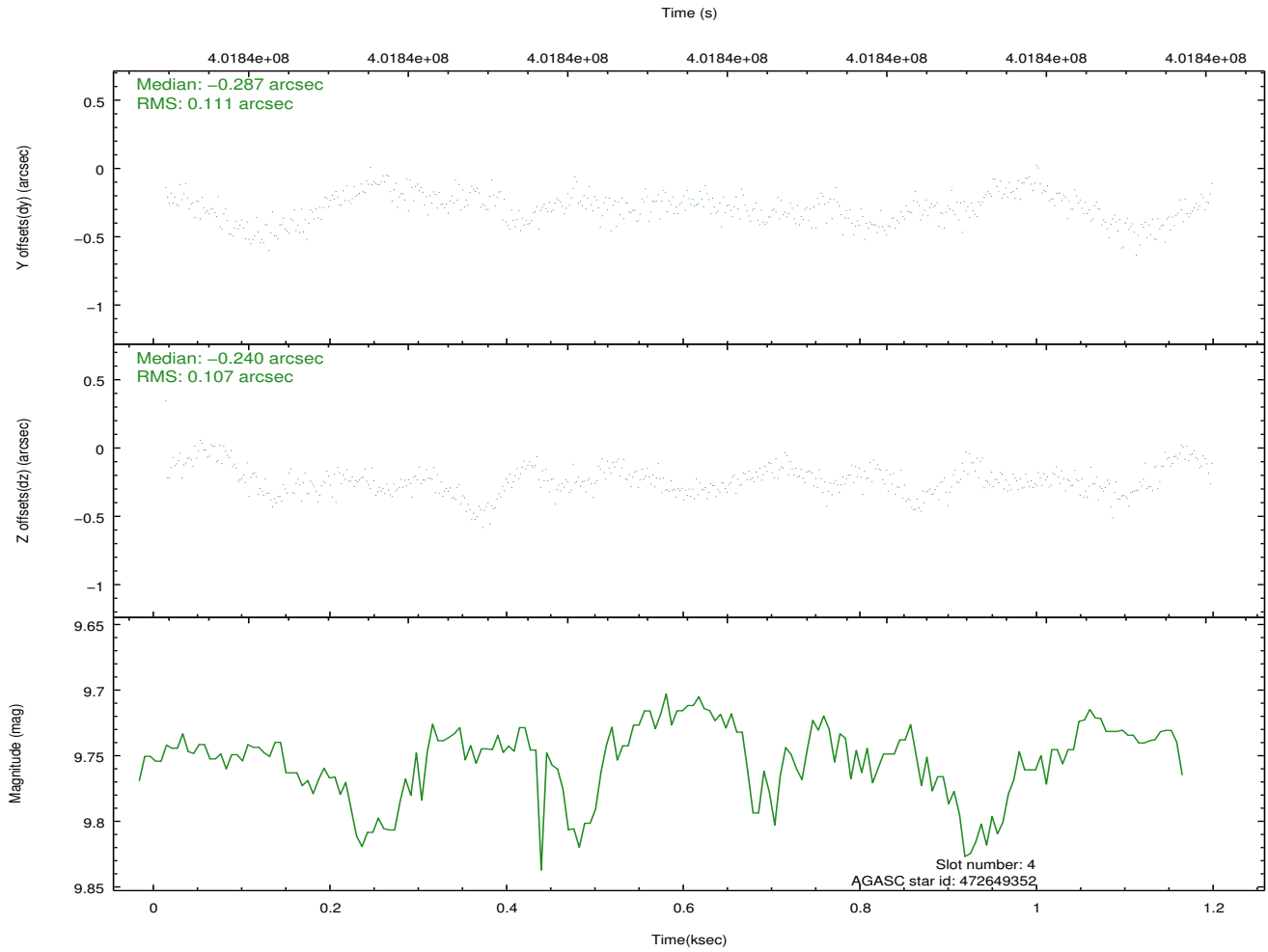
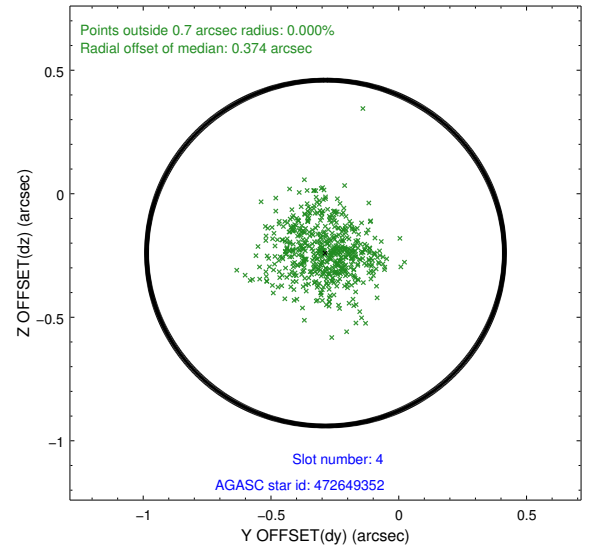
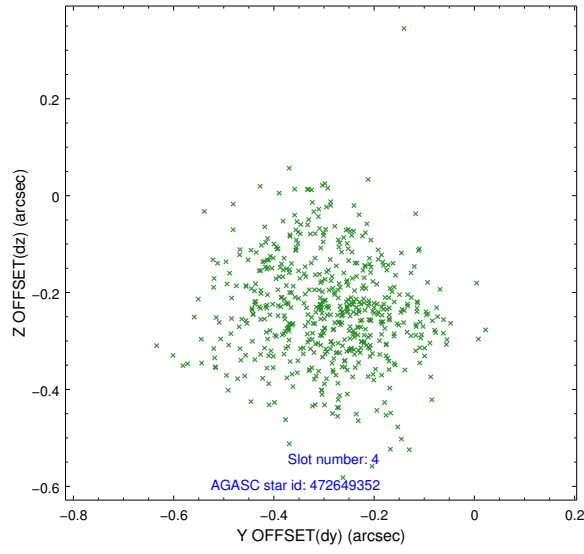
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	290	0.058	-0.221	0.007	0.012	0.000000	0.000000	-1172.63	-463.89
1	FID	HRC-S-2	6.97	290	0.237	-0.115	0.005	0.009	0.000000	0.000000	1223.16	-458.04
2	FID	HRC-S-3	7.01	290	0.095	0.034	0.007	0.013	0.000000	0.000000	-1171.09	564.30
3	GUIDE	472533912	9.17	579	0.107	0.093	0.137	0.214	331.791136	46.368695	-40.60	-2399.81
4	GUIDE	472649352	9.75	579	-0.287	-0.240	0.166	0.263	332.034169	45.325407	1887.58	875.71
5	GUIDE	472654568	9.42	578	0.054	0.127	0.134	0.230	332.194449	45.063576	2177.56	1867.60
6	GUIDE	472655152	9.43	578	0.085	-0.161	0.146	0.237	332.504239	45.862991	-251.79	140.01
7	GUIDE	472665256	9.03	578	0.056	0.184	0.093	0.146	332.808125	46.195041	-1599.68	-310.51

2.4 Star Slots

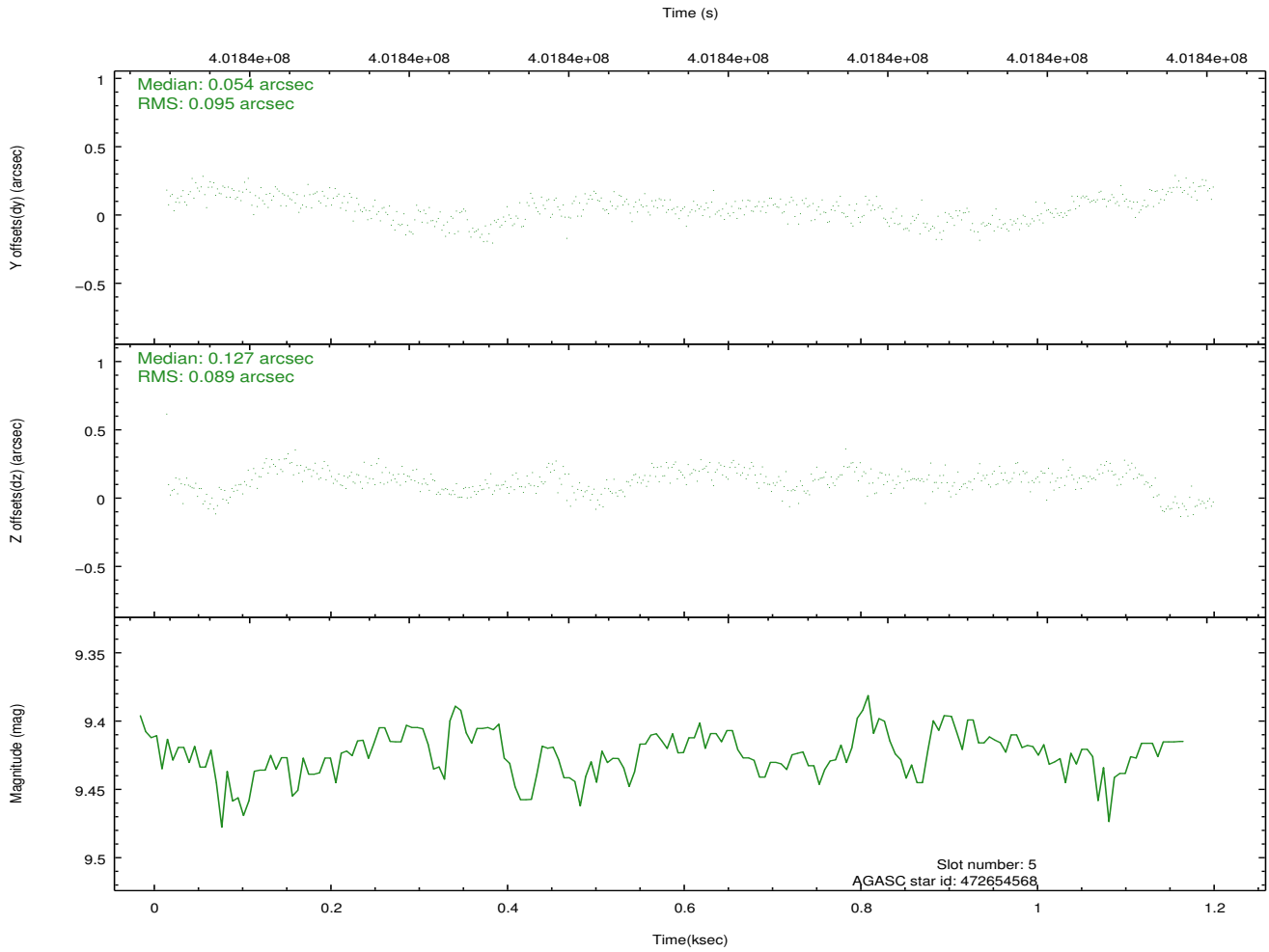
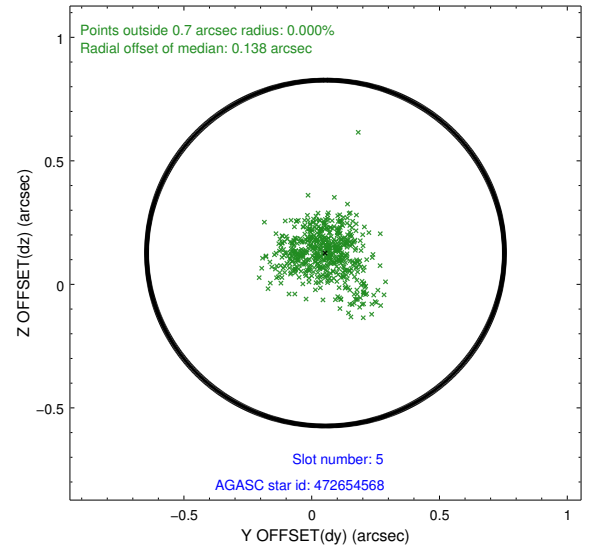
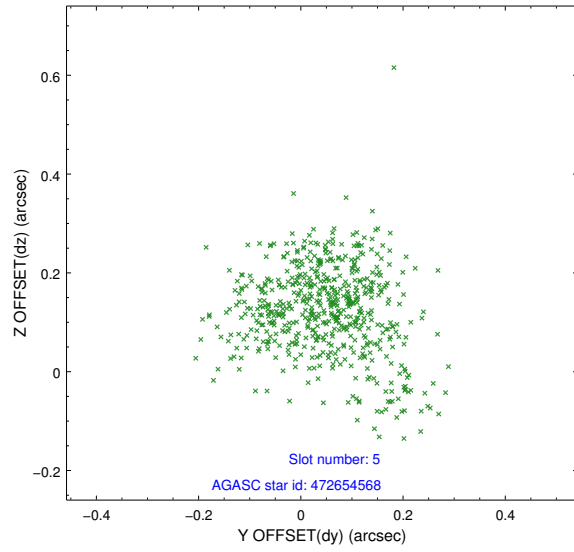
2.4.1 Slot 3



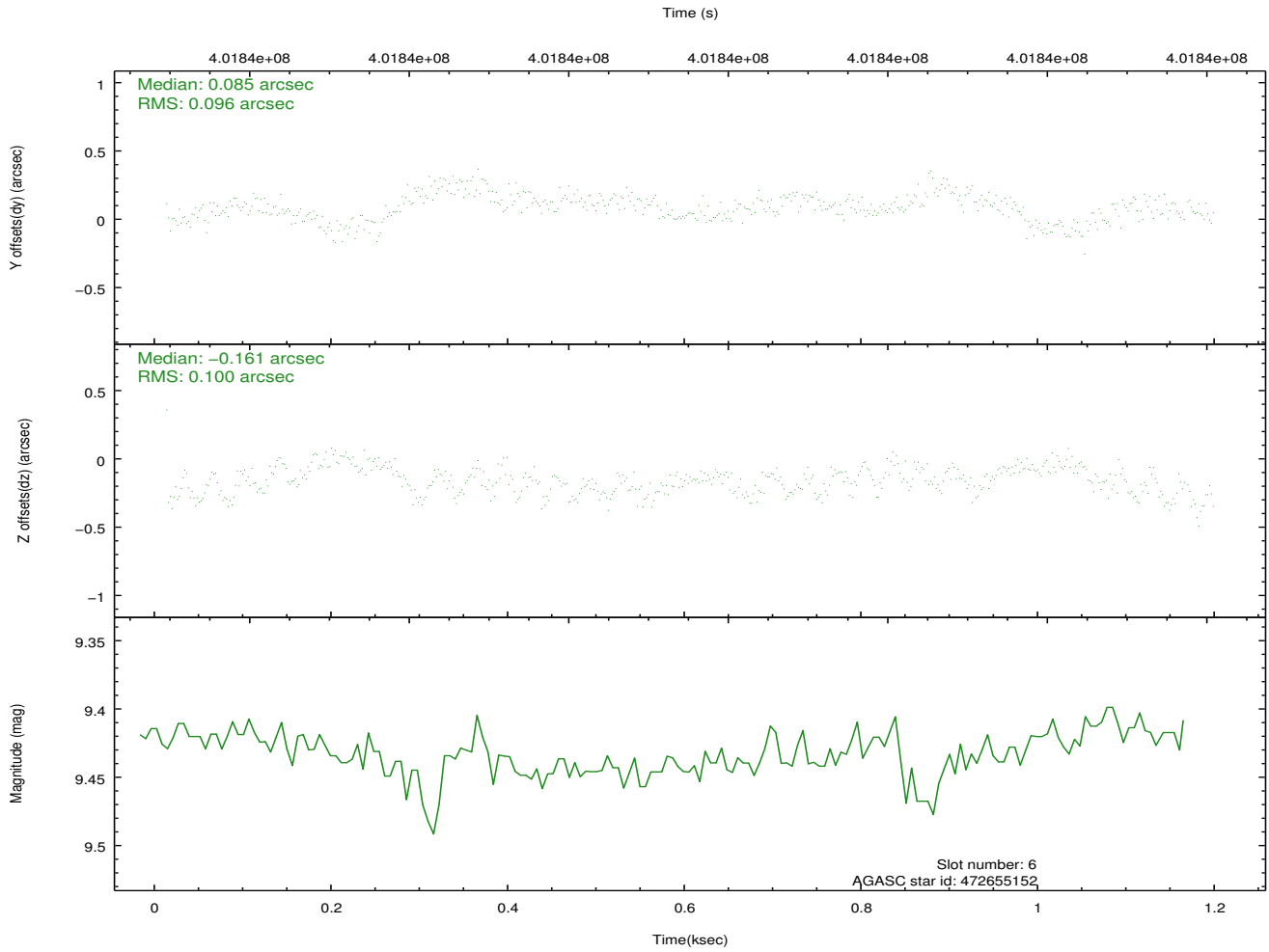
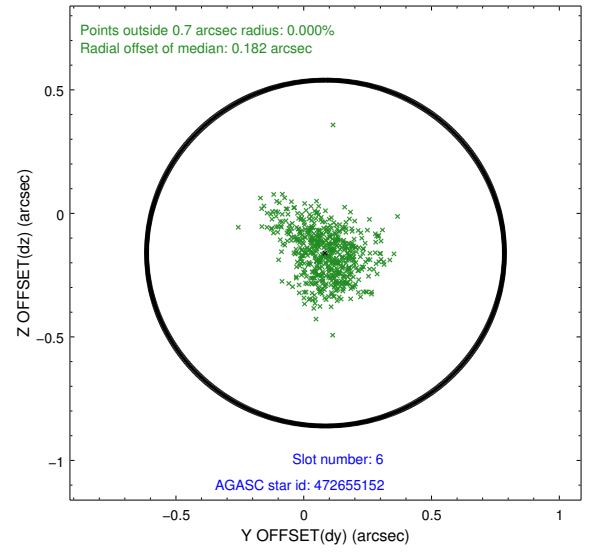
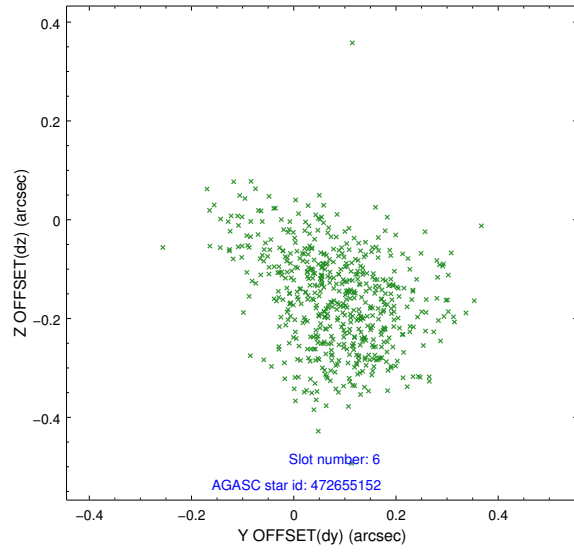
2.4.2 Slot 4



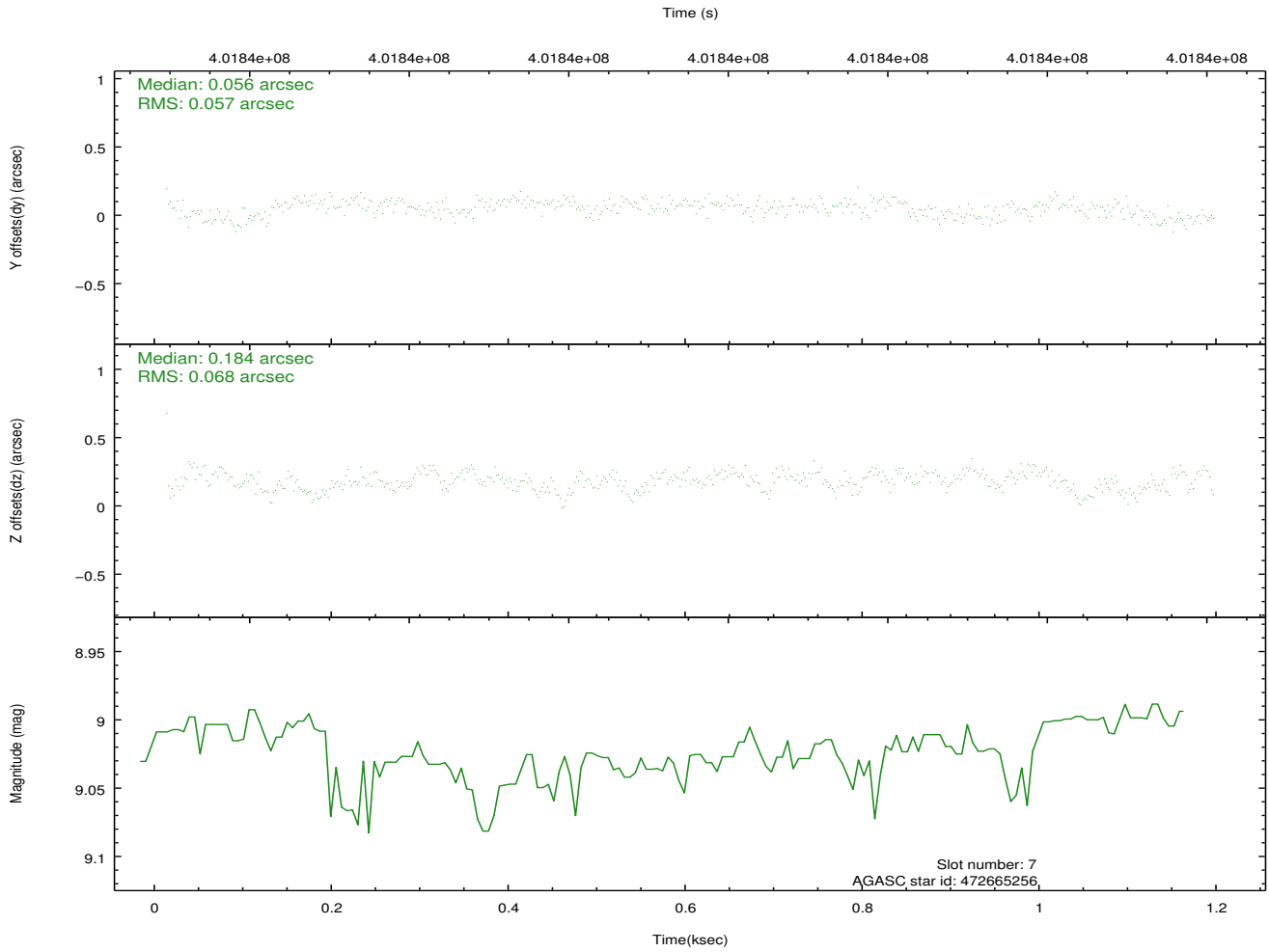
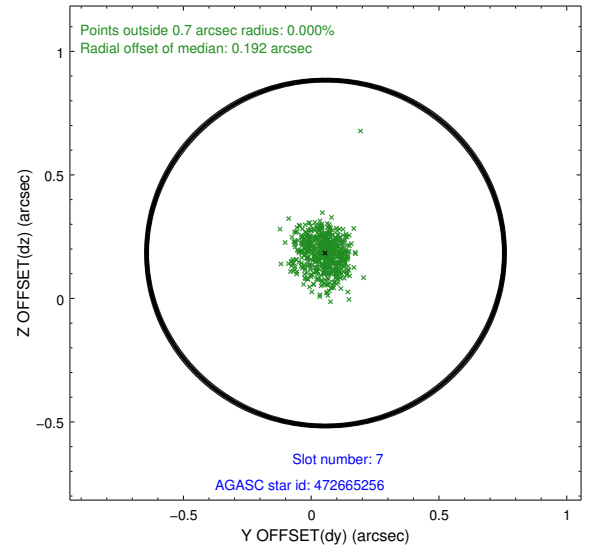
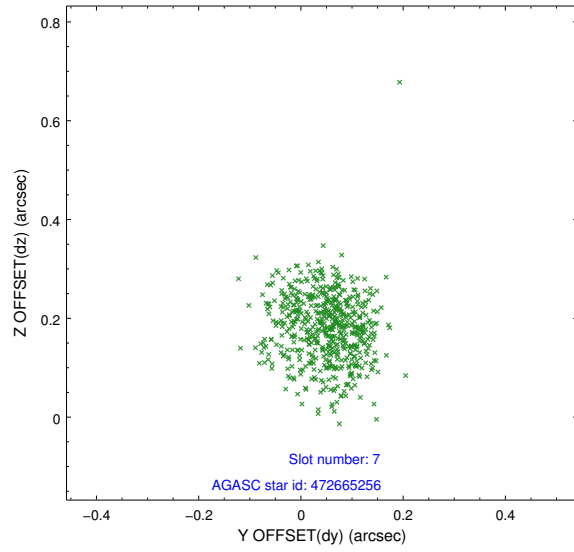
2.4.3 Slot 5



2.4.4 Slot 6

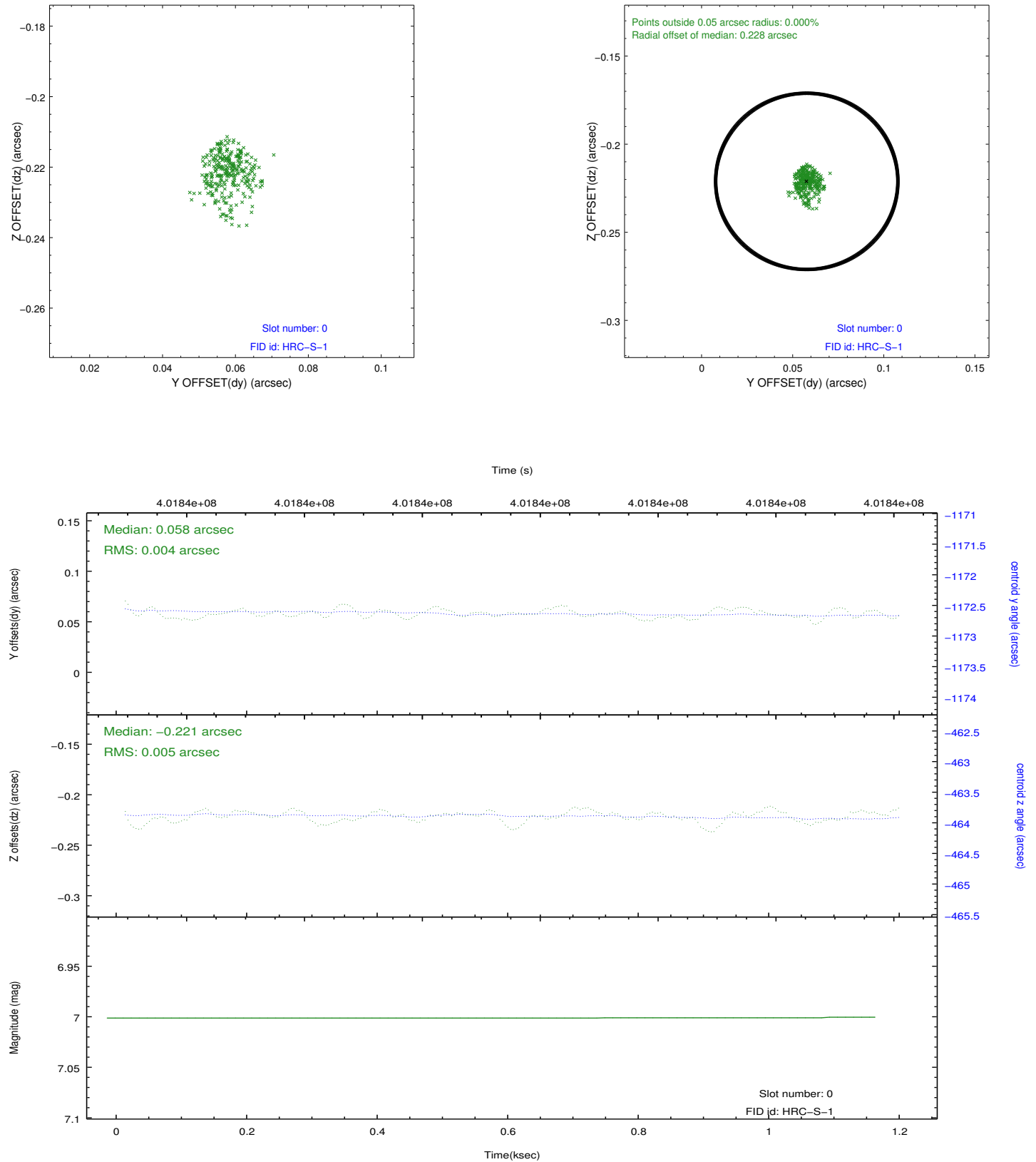


2.4.5 Slot 7

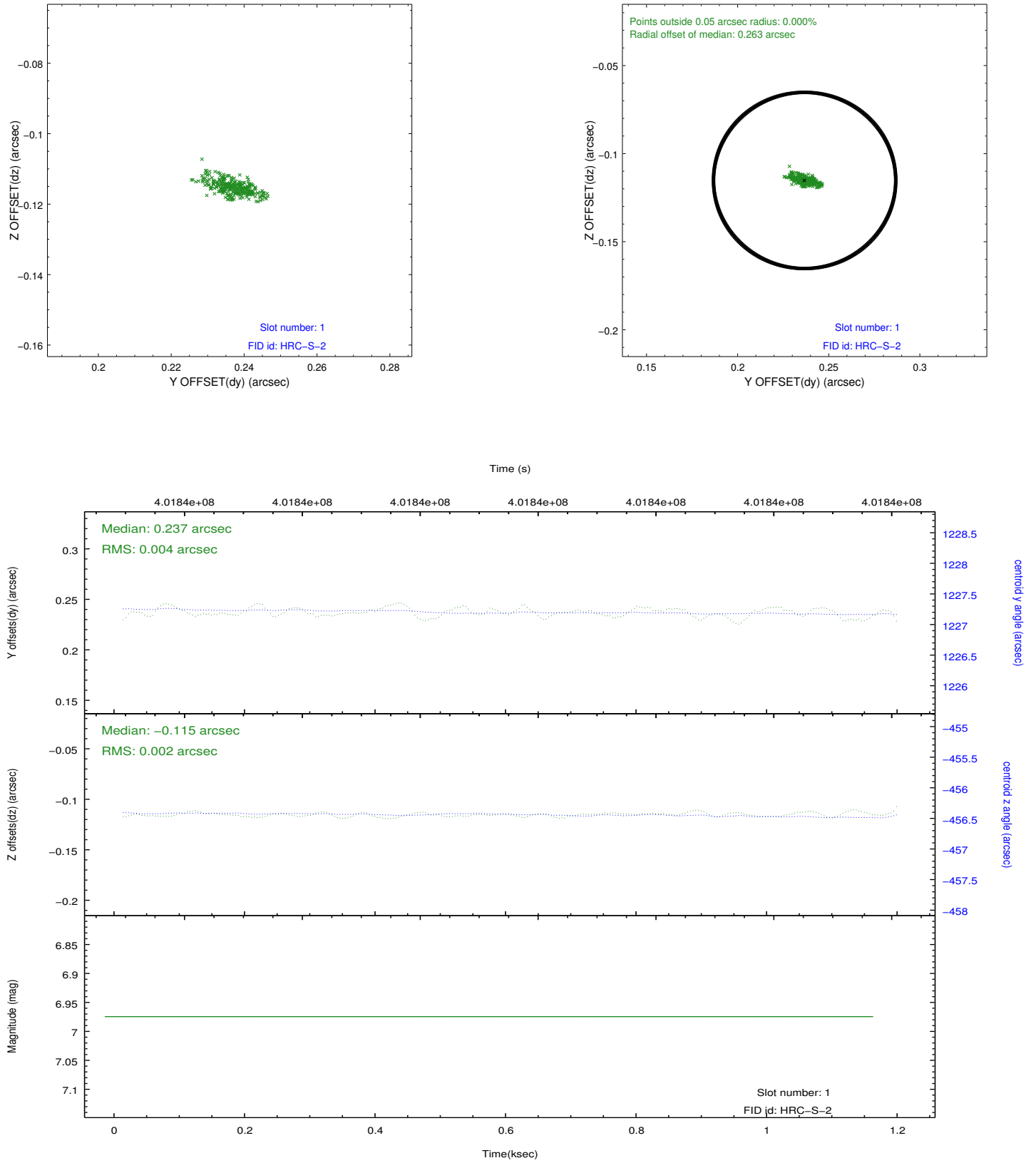


2.5 FID Slots

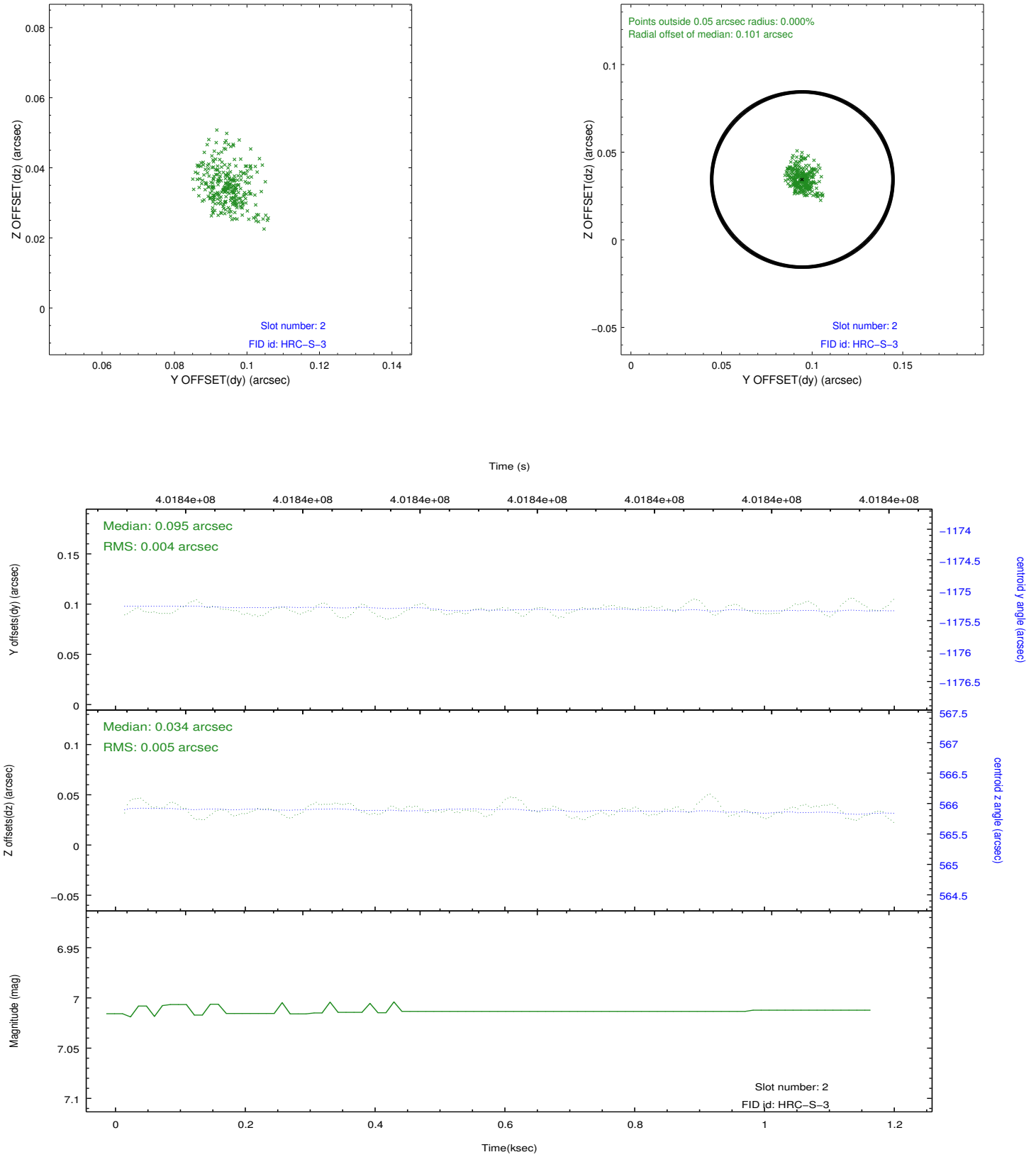
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1554313092828

A.2 Comments