

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10617 - L2 Version 3
Chandra X-Ray Center

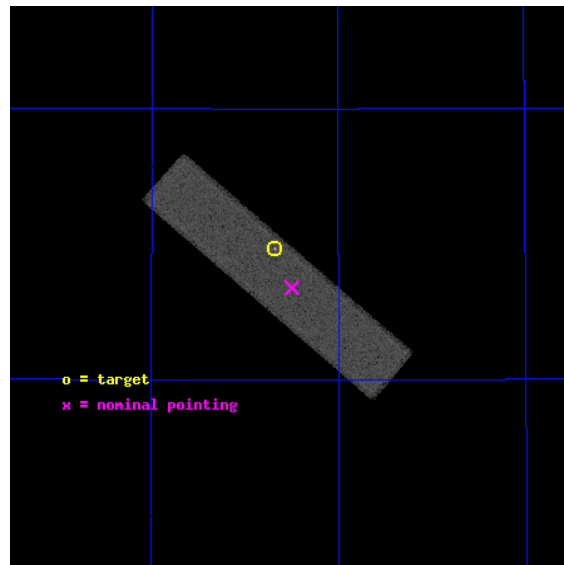
L2 Processing Date : Aug 13 2012

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1 Front

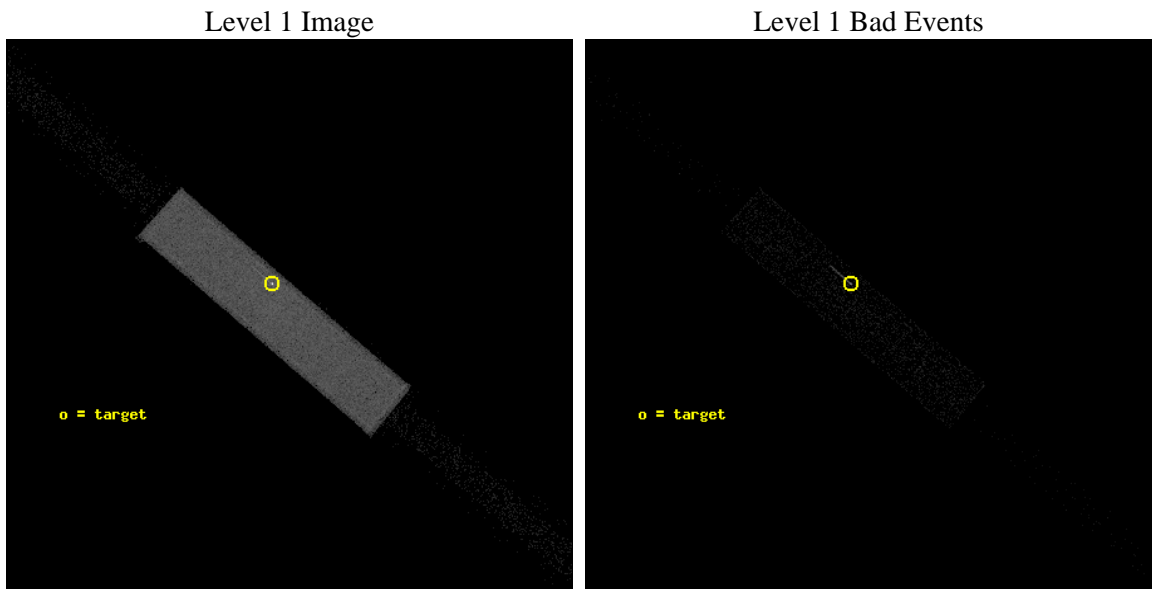
seq_num	290853	Sequence number
obs_id	10617	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12404485194	Nominal RA [deg]
dec_nom	45.670205122661	Nominal Dec [deg]
roll_nom	220.49954846024	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1186.1813095808	[s]
livetime	1174.7012513484	Ontime multiplied by DTCOR
l2events	82637	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	1186.1813095808	[s]
caldsver	4.5.1.1	 	l1events	126092	Number of level 1 events
date	2012-08-13T16:24:43	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

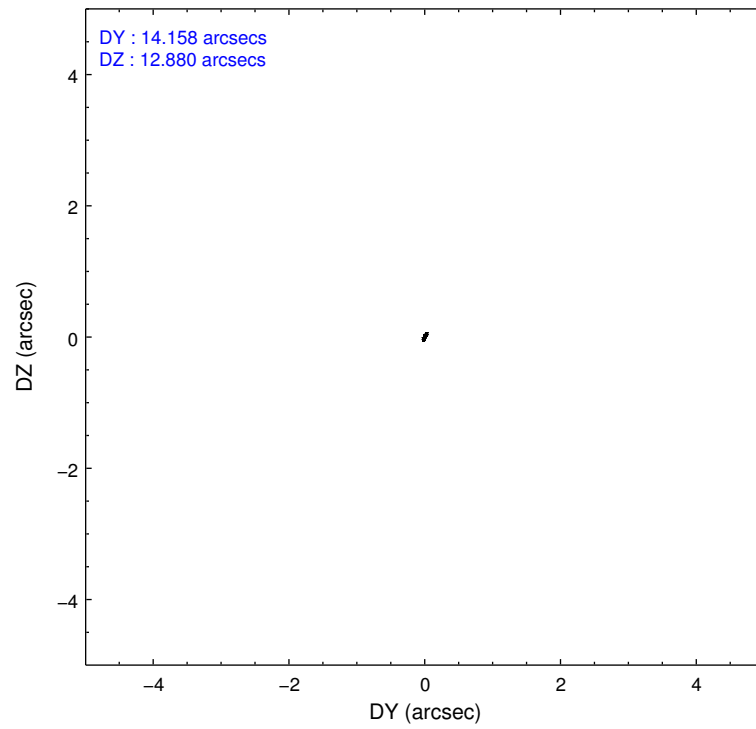
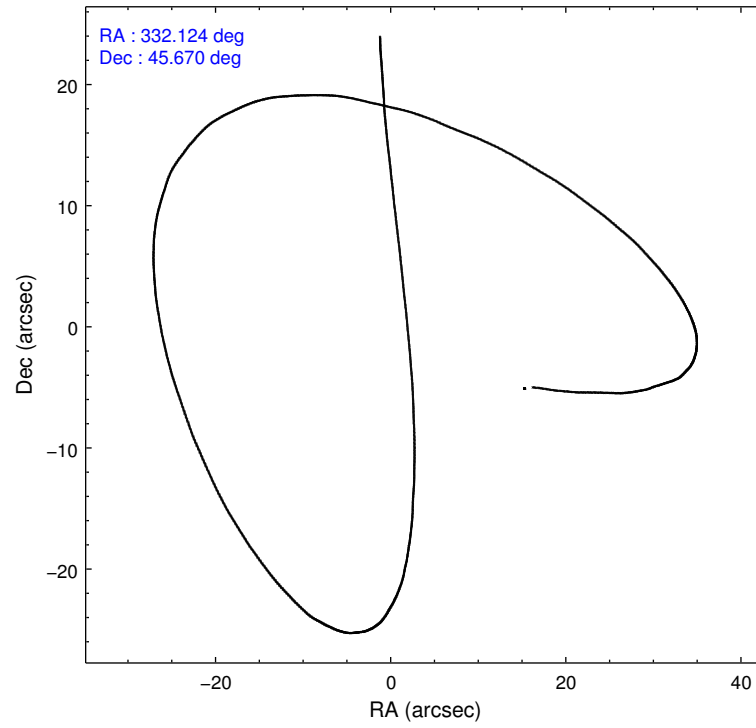
	segment 1	segment 2	segment 3
level 1 events	1102	123894	1096
rejected events	1102	25511	1096
rejected %	100%	20%	100%

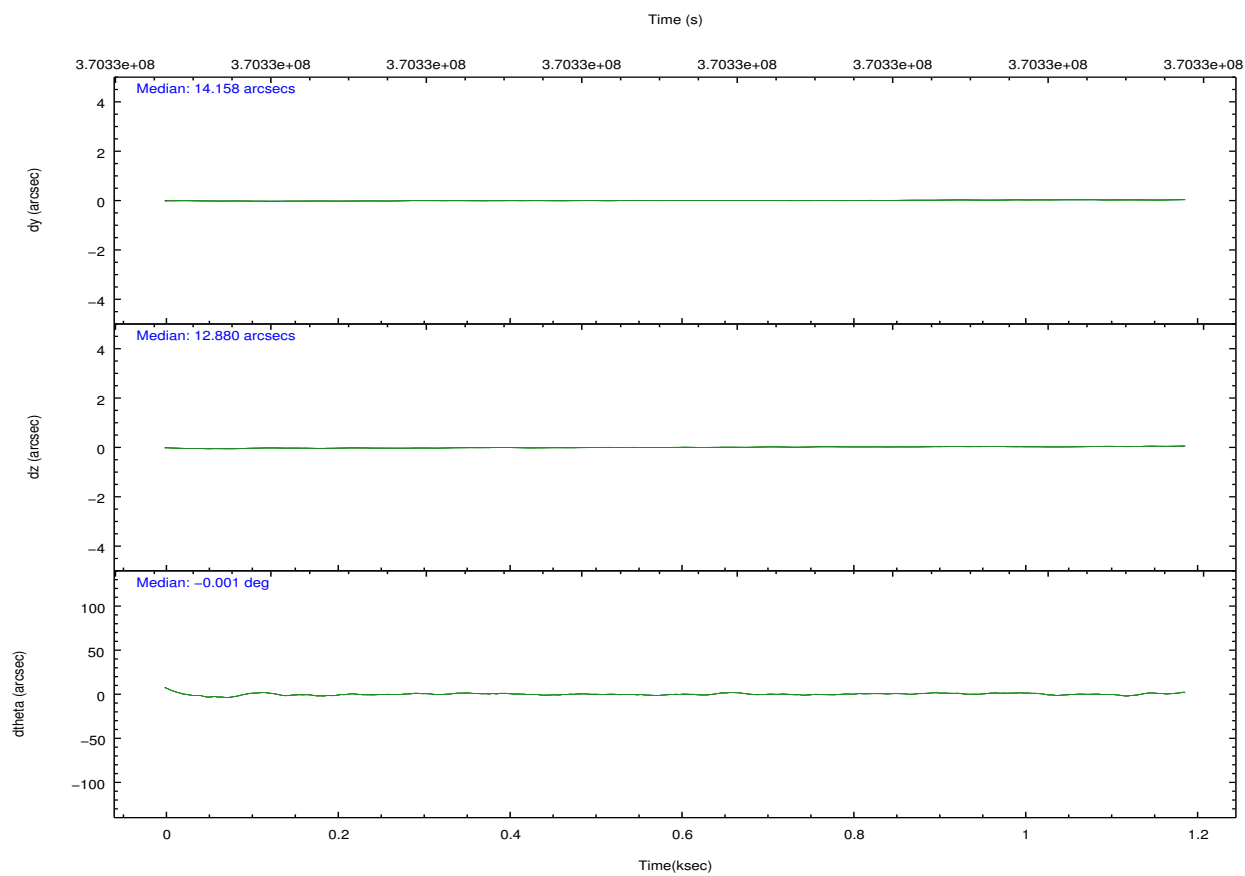
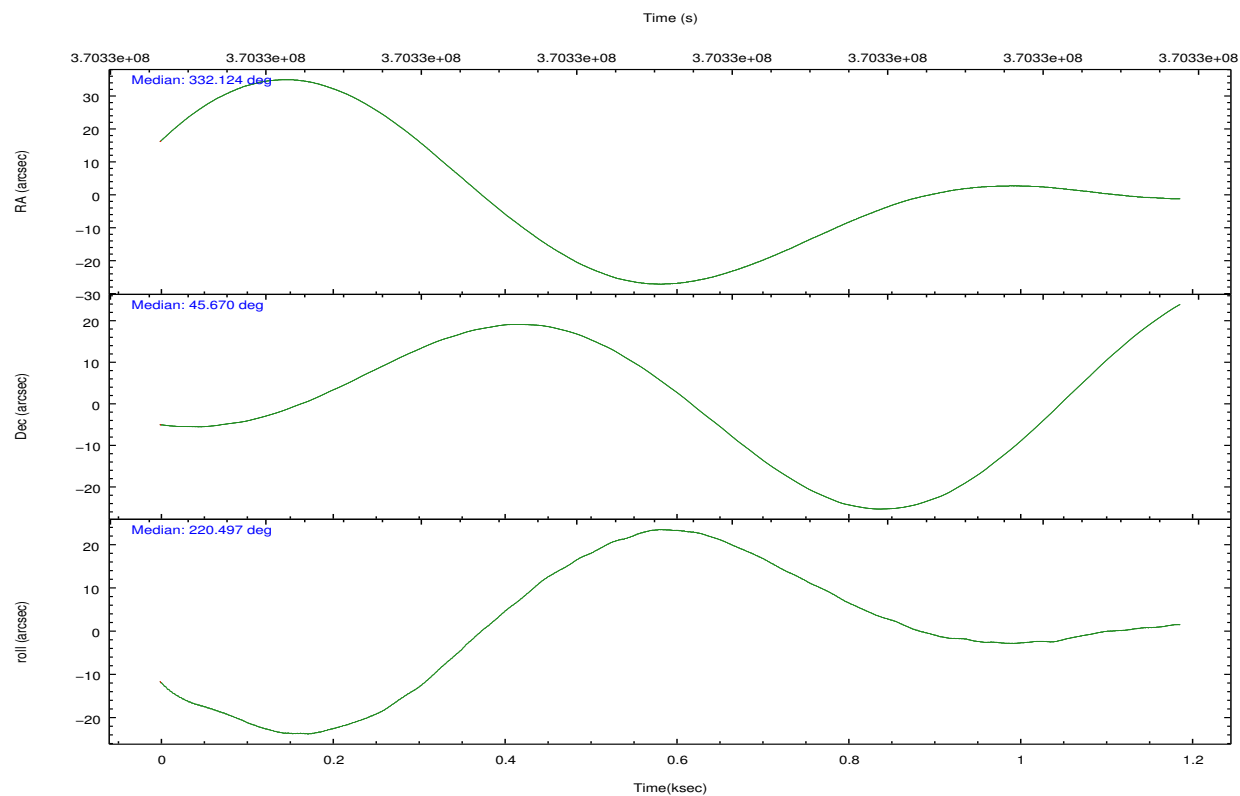
2.2 Compared Parameters

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	332.134786	332.1240448519421
[deg] Pointing Dec	45.698180	45.67020512266085
[deg] Pointing Roll	220.424536	220.4995484602447
[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)	370329913.184000	370329537.31519
Observation start date	2009-09-26T05:24:07	2009-09-26T05:18:57
[s] Observation end time (MET)	370330913.184000	370331047.14027
Observation end date	2009-09-26T05:40:47	2009-09-26T05:44:07

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

2.3 Aspect



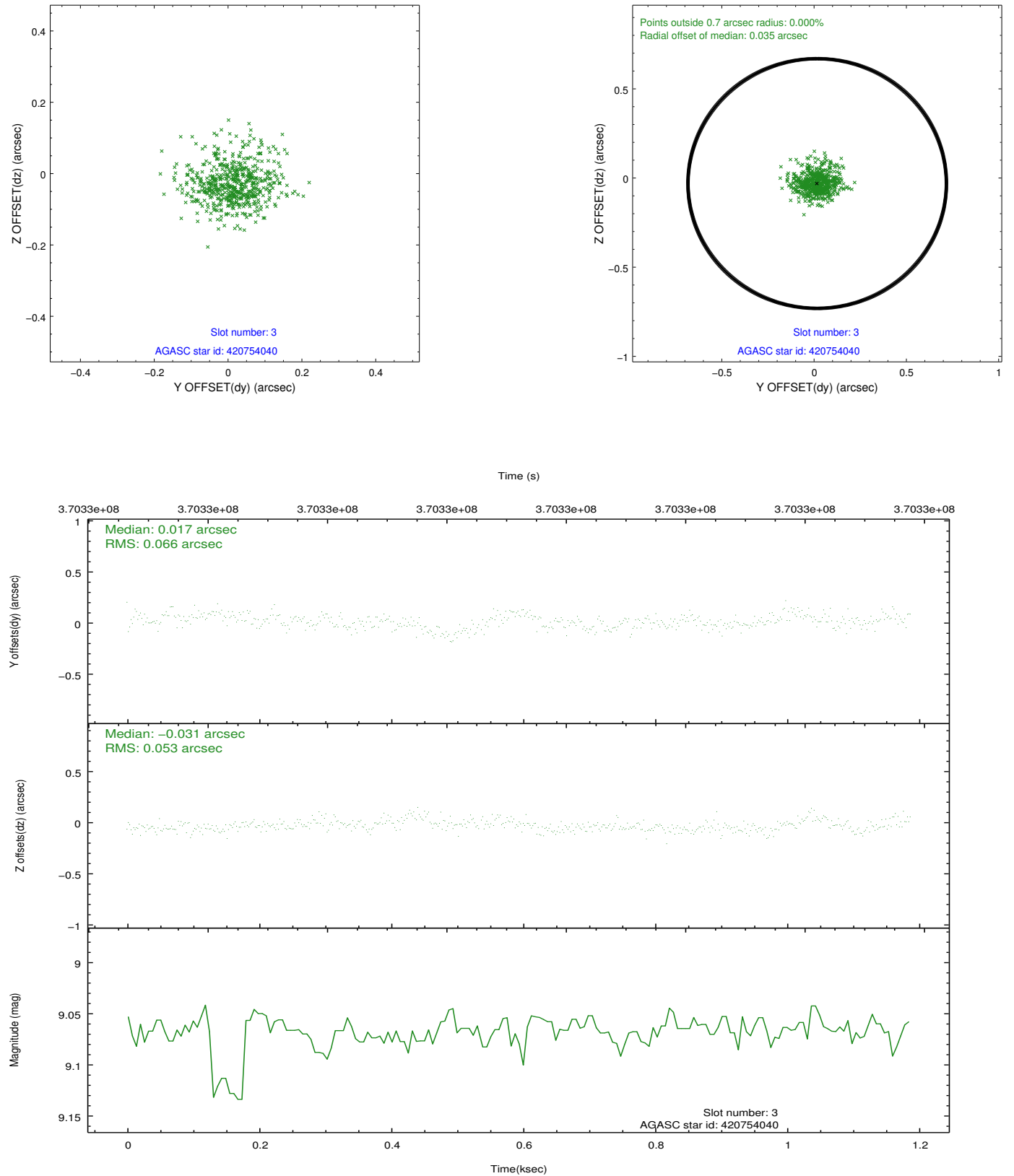


Slot Statistics

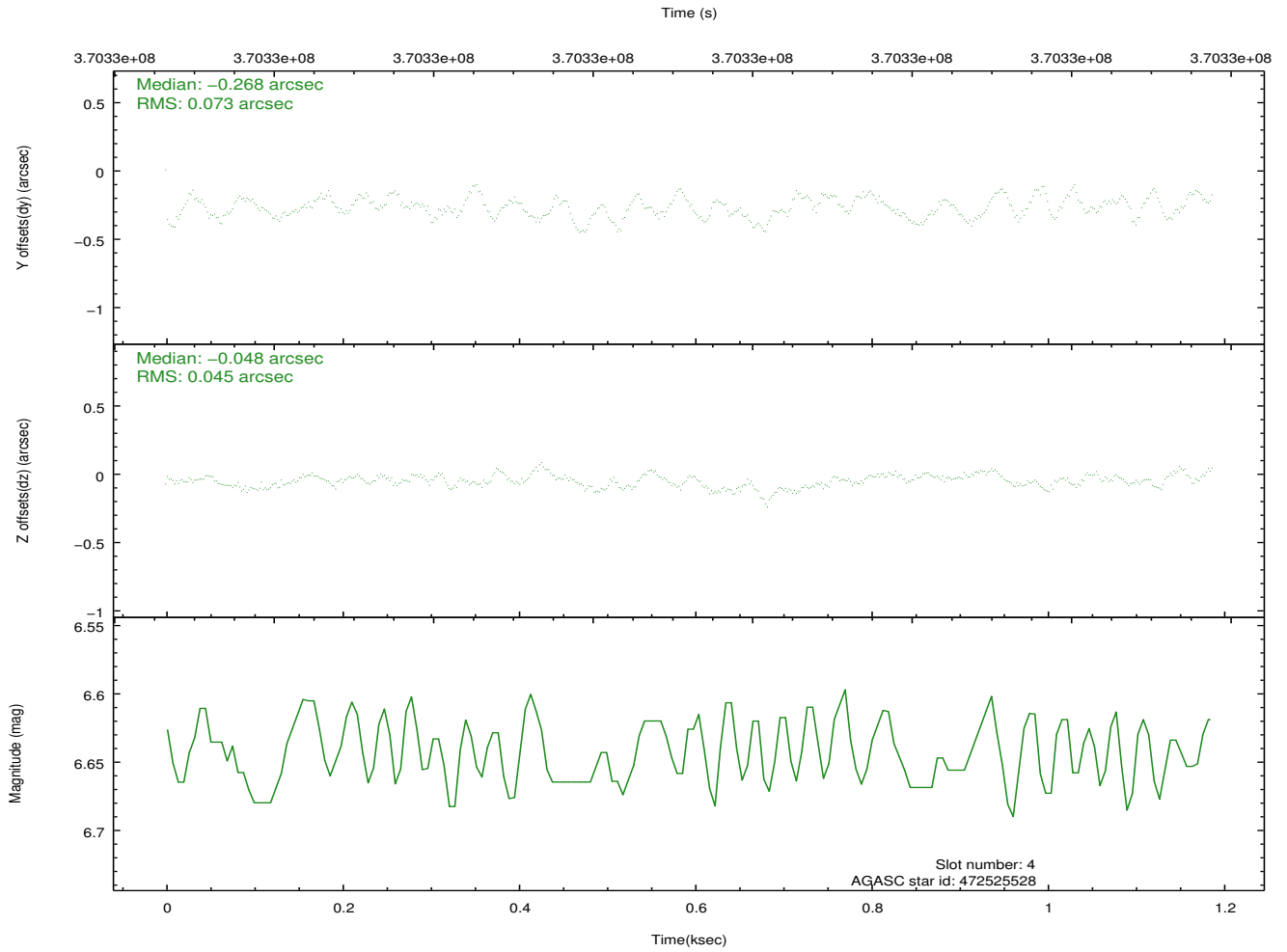
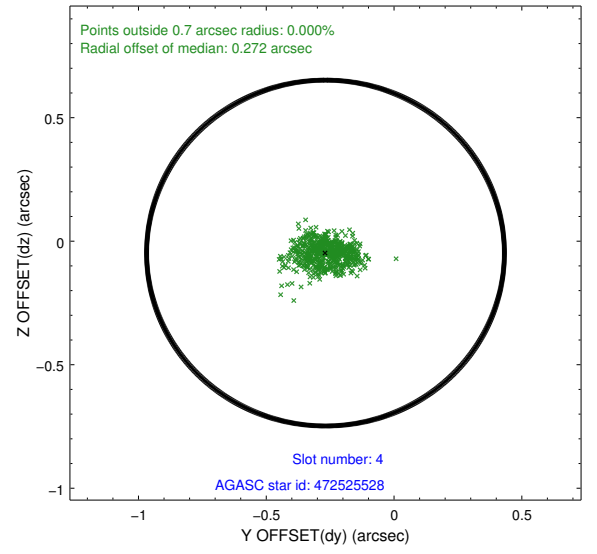
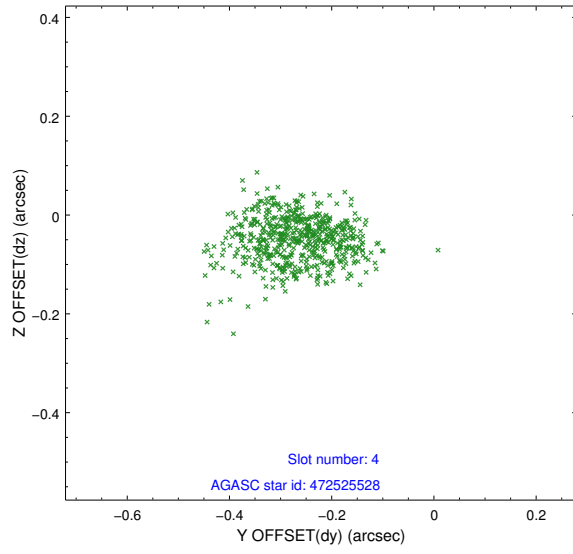
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	290	0.072	-0.157	0.007	0.011	0.000000	0.000000	-1168.57	-461.61
1	FID	HRC-S-3	6.99	290	0.047	-0.065	0.008	0.013	0.000000	0.000000	-1175.30	566.41
2	FID	HRC-S-4	6.94	290	0.269	-0.075	0.005	0.010	0.000000	0.000000	1225.86	572.40
3	GUIDE	420754040	9.07	579	0.017	-0.031	0.090	0.150	331.917939	44.882543	2324.89	1873.87
4	GUIDE	472525528	6.64	580	-0.268	-0.048	0.091	0.148	331.551102	45.248694	2177.03	269.02
5	GUIDE	472655152	9.43	578	0.041	-0.070	0.105	0.170	332.504239	45.862991	-1086.01	145.05
6	GUIDE	472661712	10.03	580	0.296	-0.006	0.164	0.302	331.914954	46.059715	-426.59	-1349.97
7	GUIDE	472533912	9.15	579	-0.071	0.173	0.131	0.211	331.791136	46.368695	-916.02	-2397.52

2.4 Star Slots

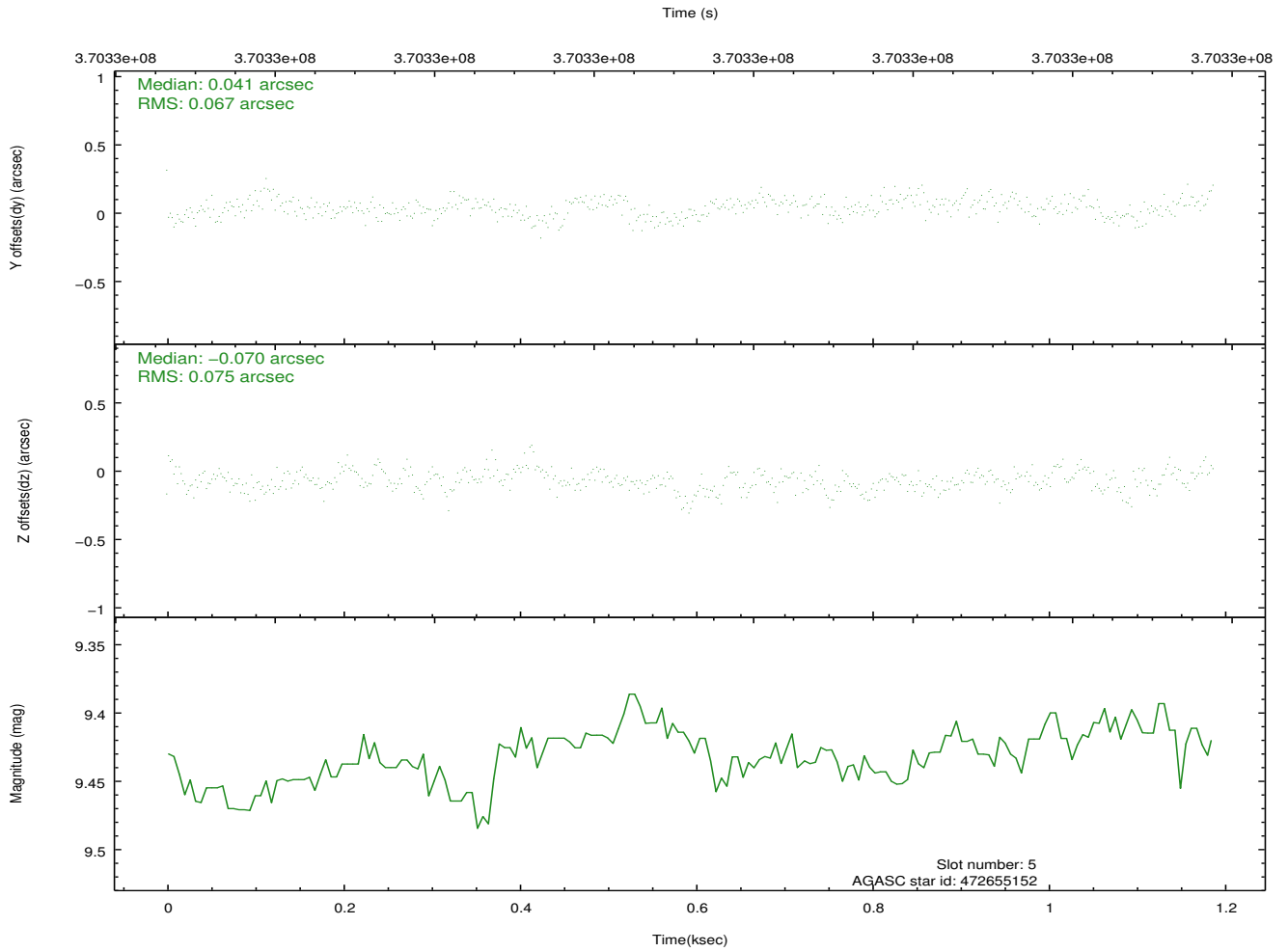
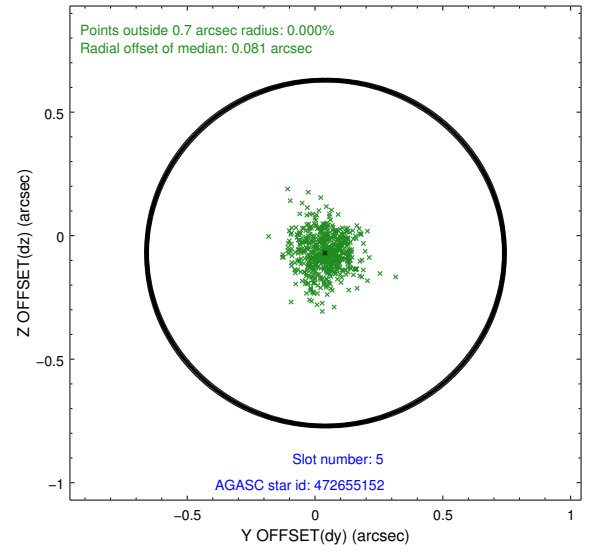
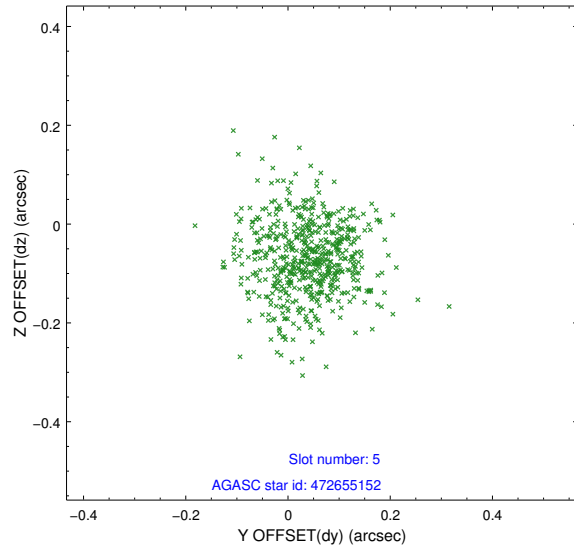
2.4.1 Slot 3



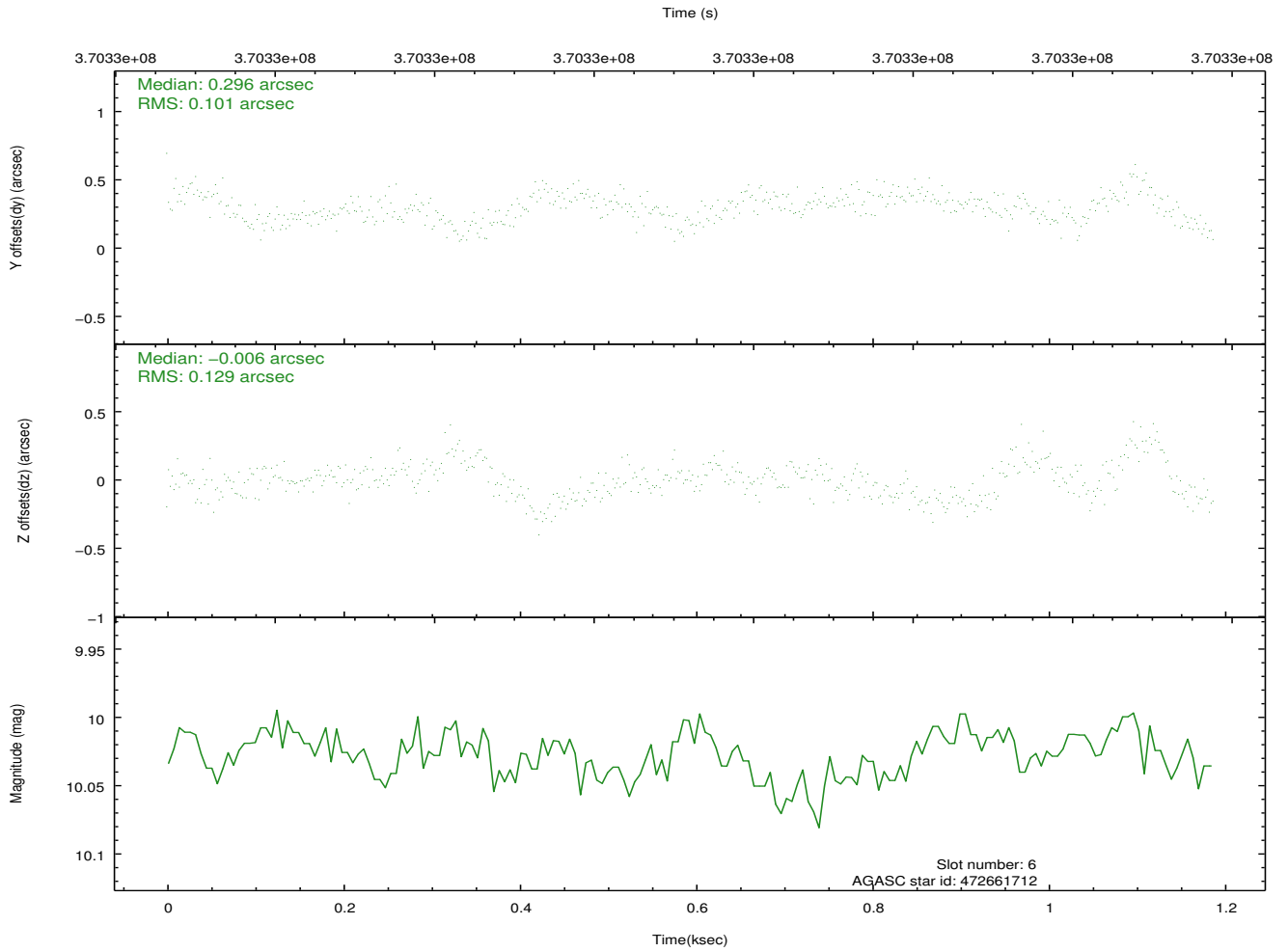
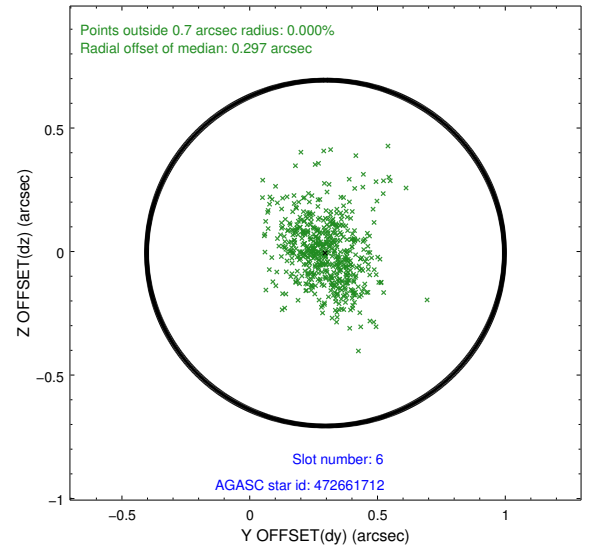
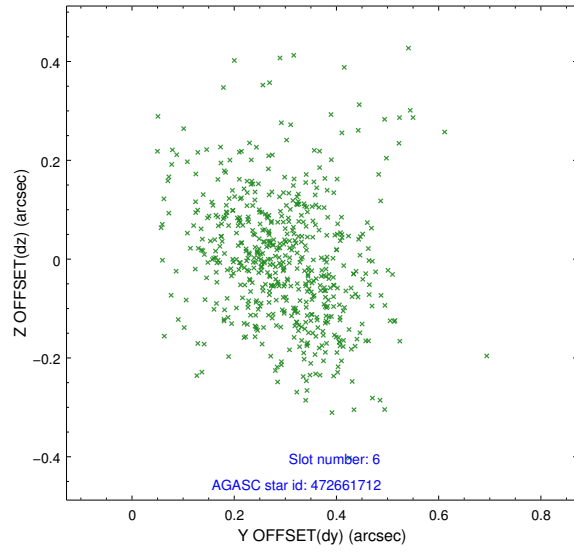
2.4.2 Slot 4



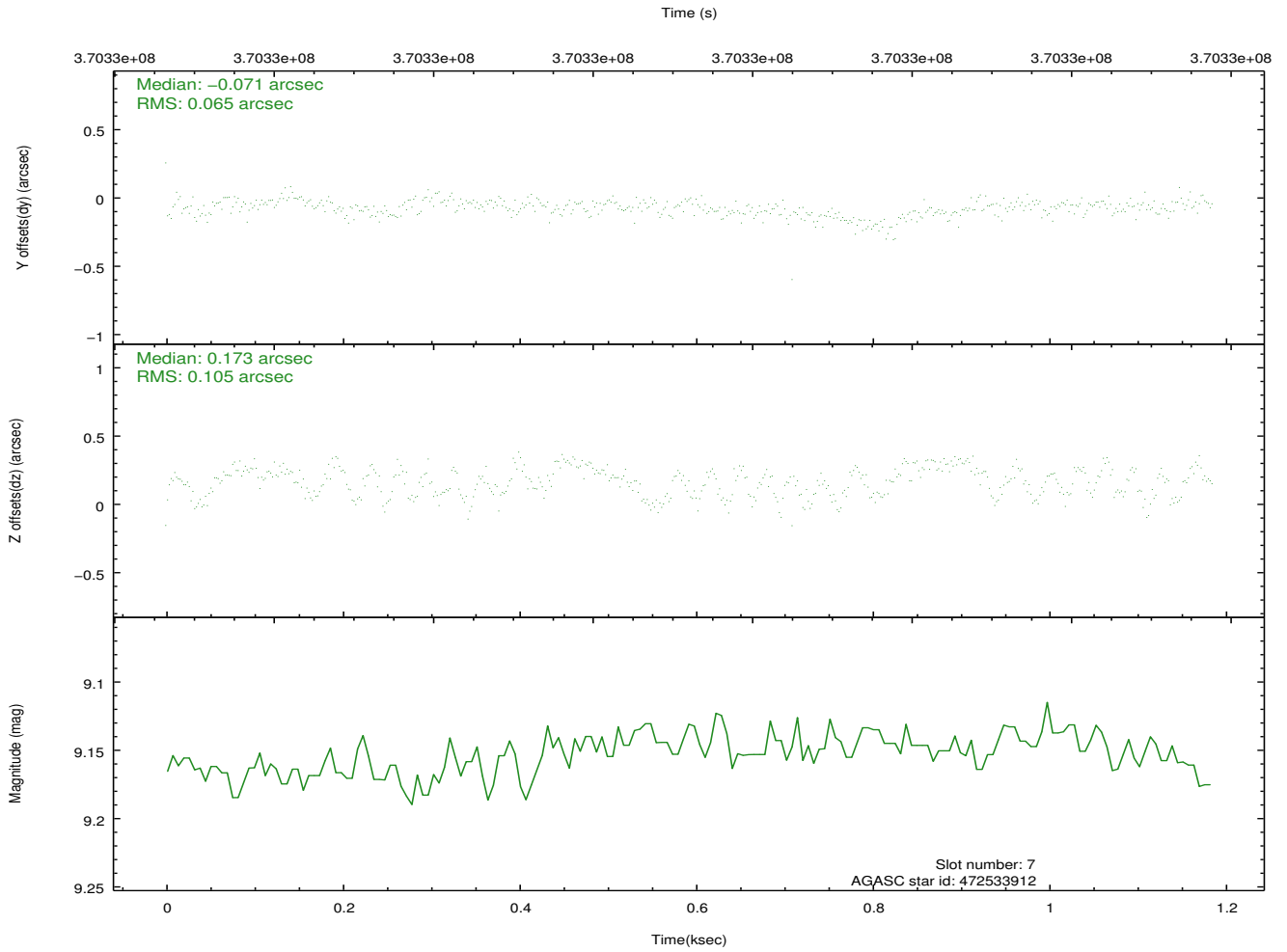
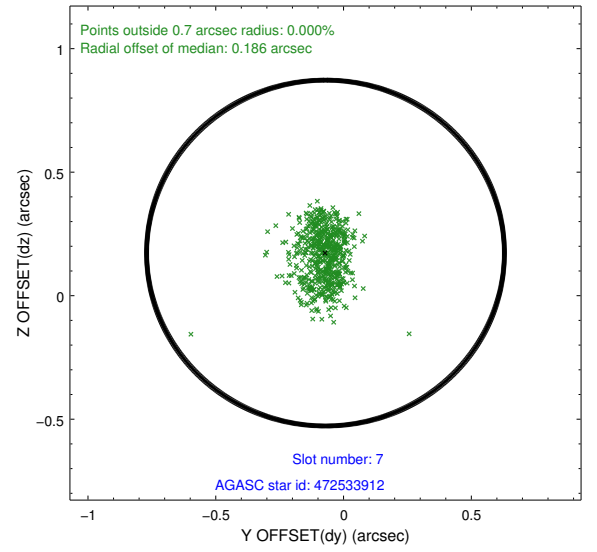
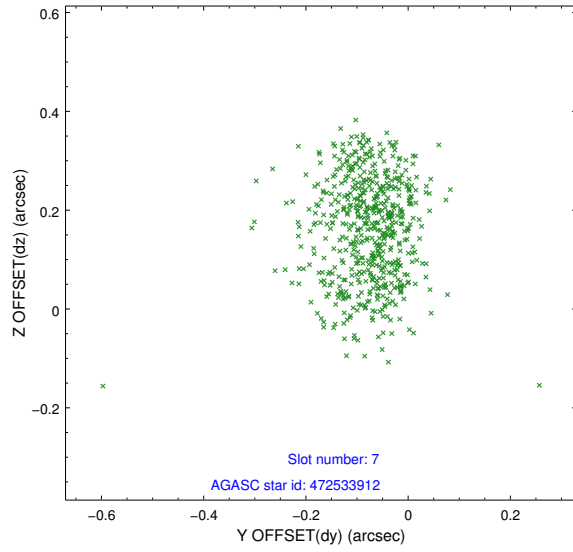
2.4.3 Slot 5



2.4.4 Slot 6

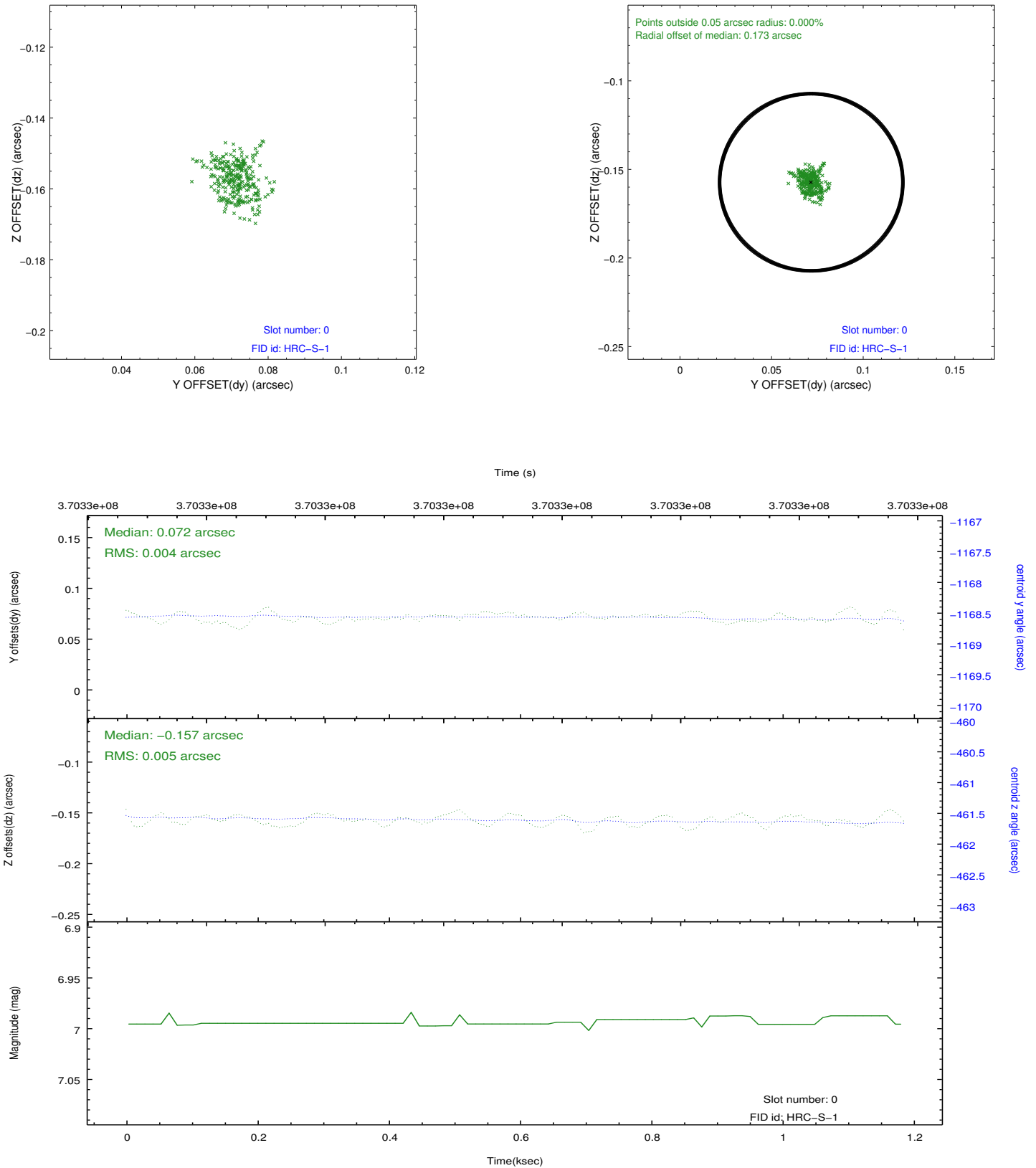


2.4.5 Slot 7

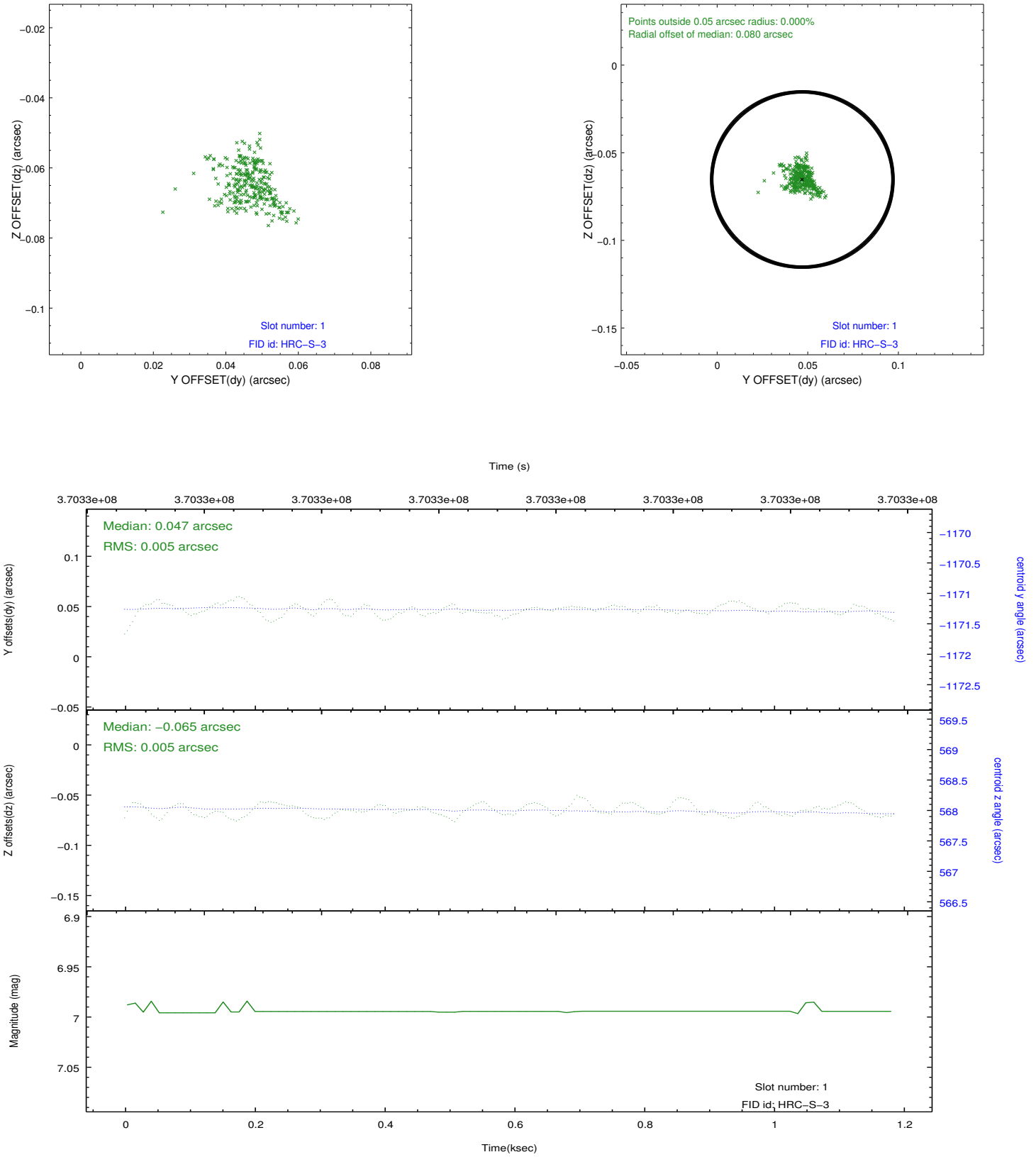


2.5 FID Slots

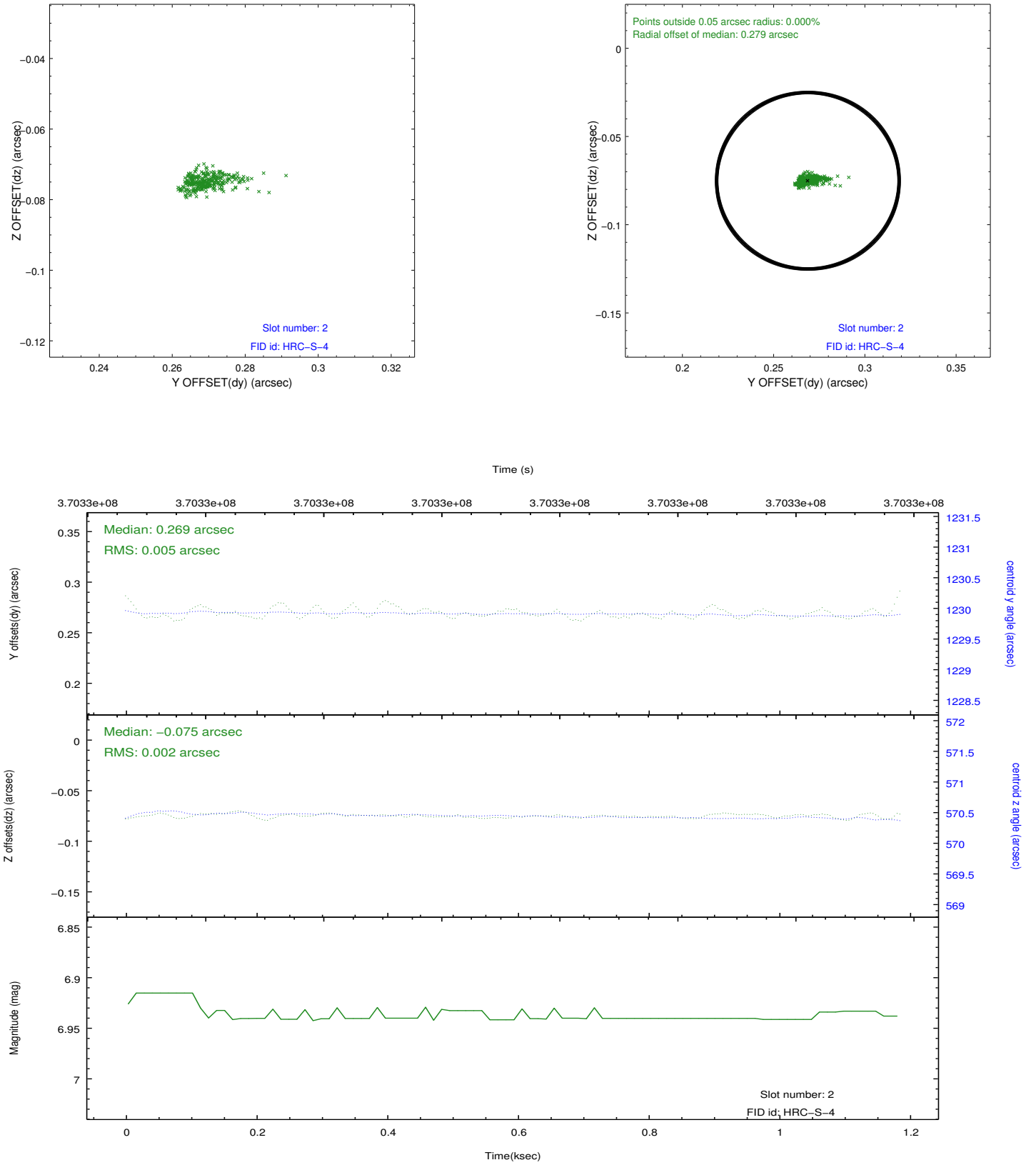
2.5.1 Slot 0



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	1.1861813095808

A.2 Comments