

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2617 - L2 Version 4
Chandra X-Ray Center

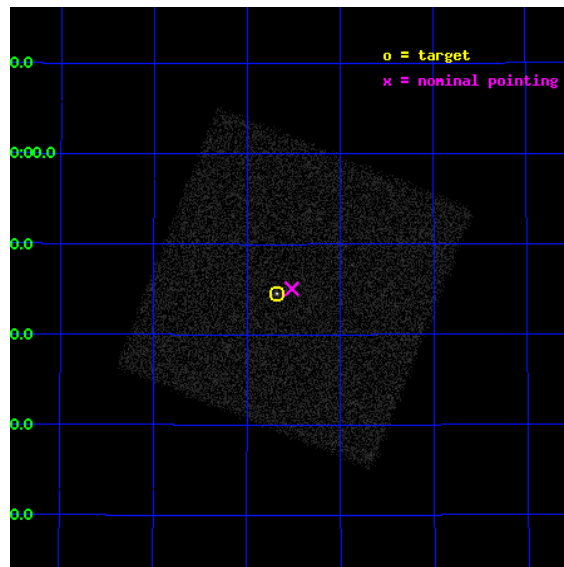
L2 Processing Date : Oct 1 2012

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1 Front

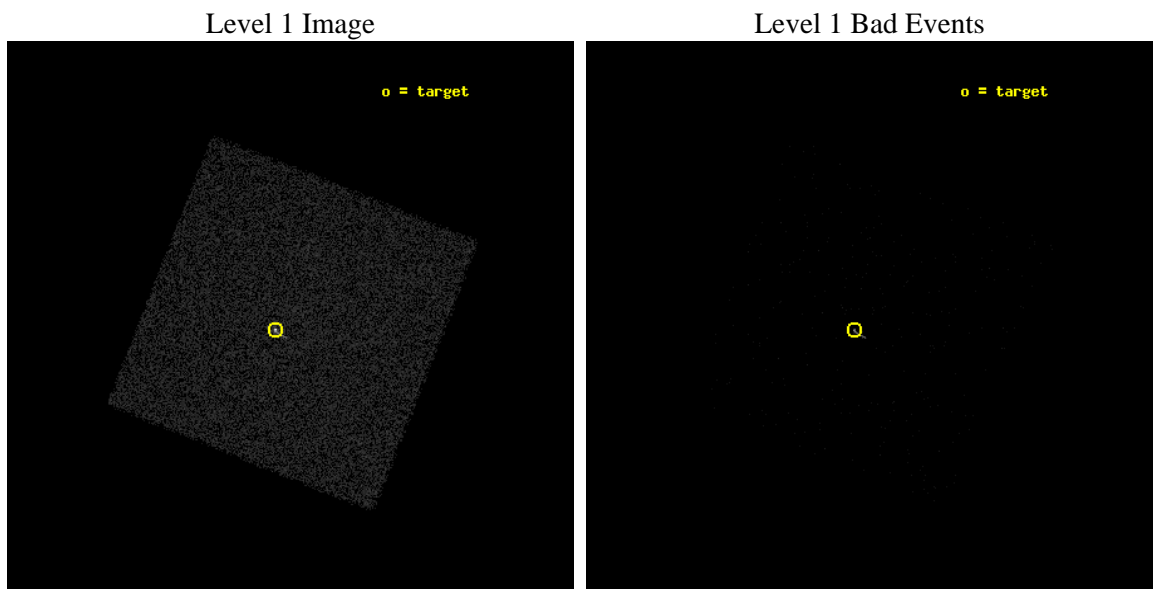
seq_num	290173	Sequence number
obs_id	2617	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12992053072	Nominal RA [deg]
dec_nom	45.751357764187	Nominal Dec [deg]
roll_nom	336.6218727312	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.3312980384	[s]
liveltime	1185.6546569483	Ontime multiplied by DTCOR
l2events	37463	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1192.3312980384	[s]
caldsver	4.5.2	 	l1events	68134	Number of level 1 events
date	2012-10-01T03:13:17	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

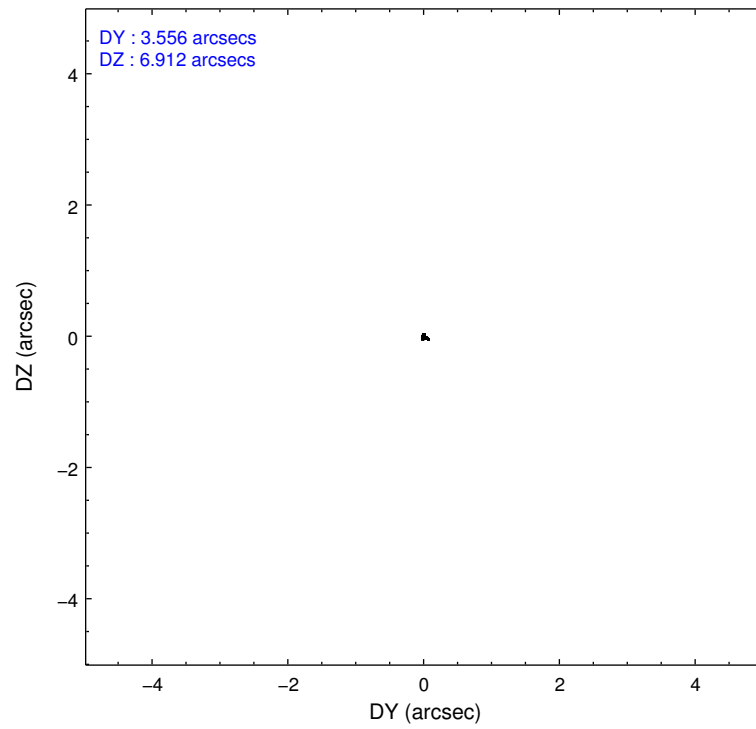
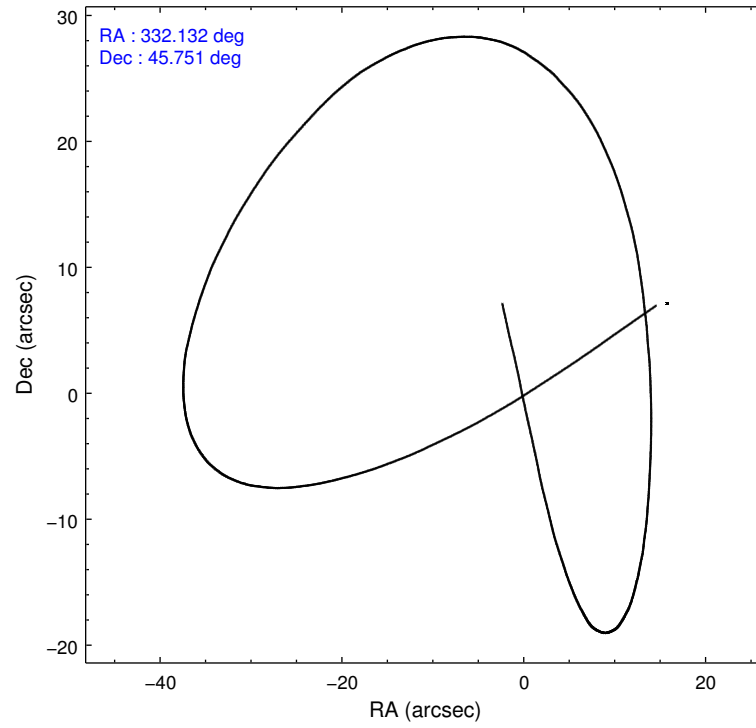
	segment 0
level 1 events	68134
rejected events	14204
rejected %	20%

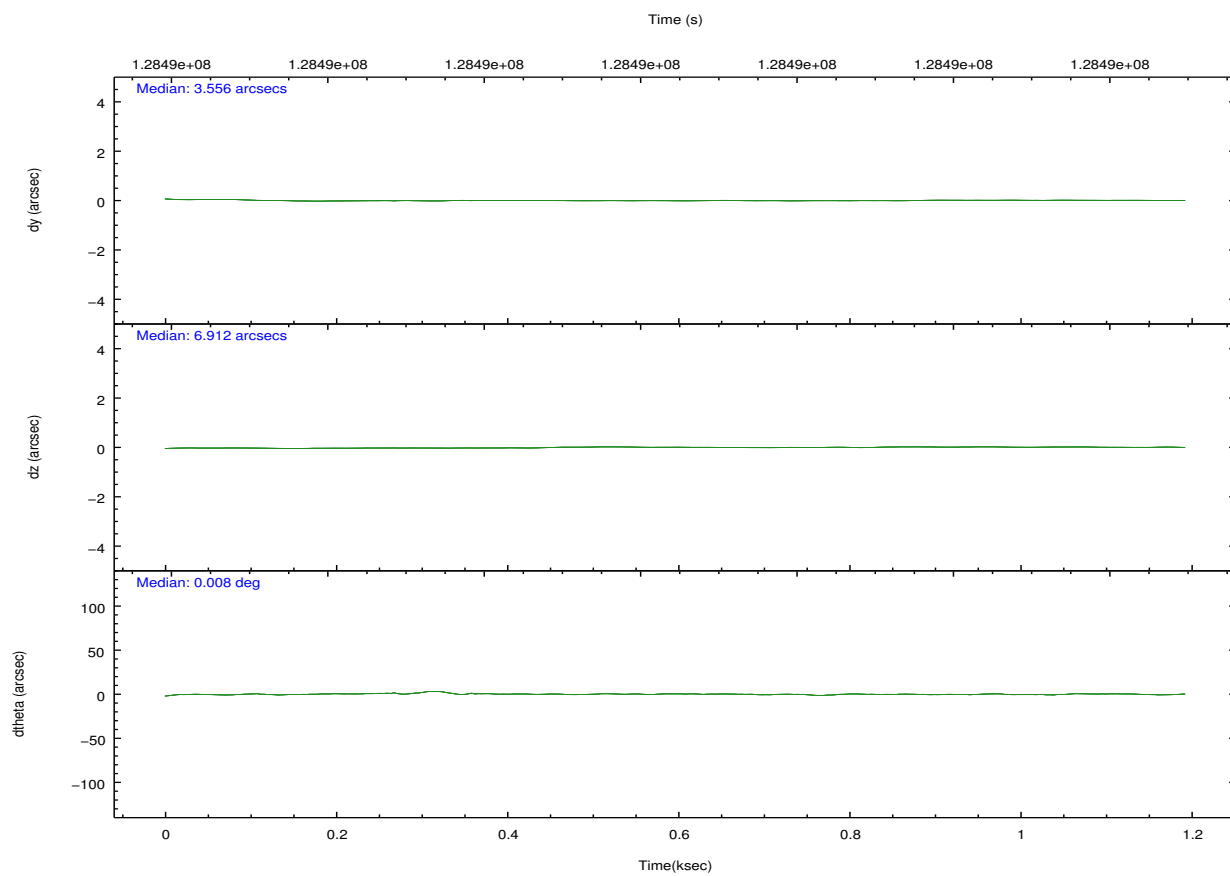
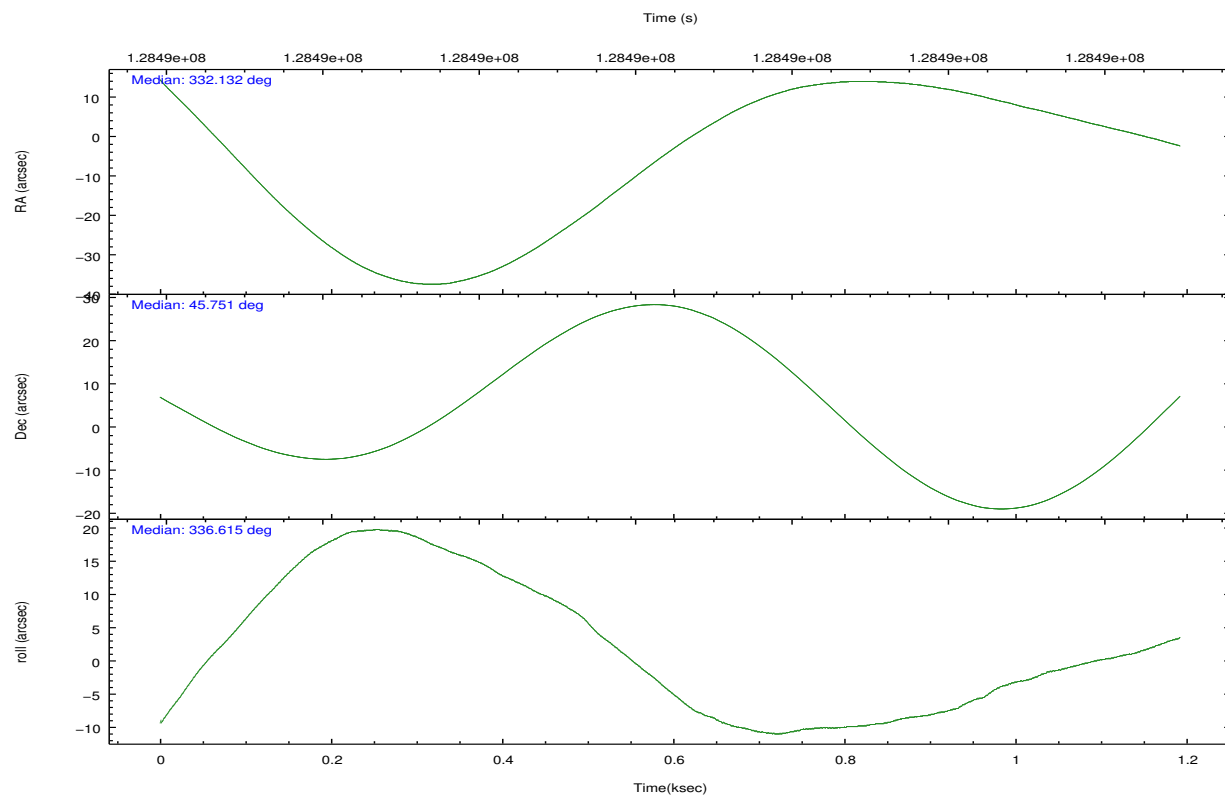
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.091796	332.1299205307201
[deg] Pointing Dec	45.748731	45.75135776418717
[deg] Pointing Roll	336.744697	336.6218727311976
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	128493439.184000	128493063.65287
Observation start date	2002-01-27T04:36:15	2002-01-27T04:31:03
[s] Observation end time (MET)	128494439.184000	128494573.47793
Observation end date	2002-01-27T04:52:55	2002-01-27T04:56:13

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

2.3 Aspect



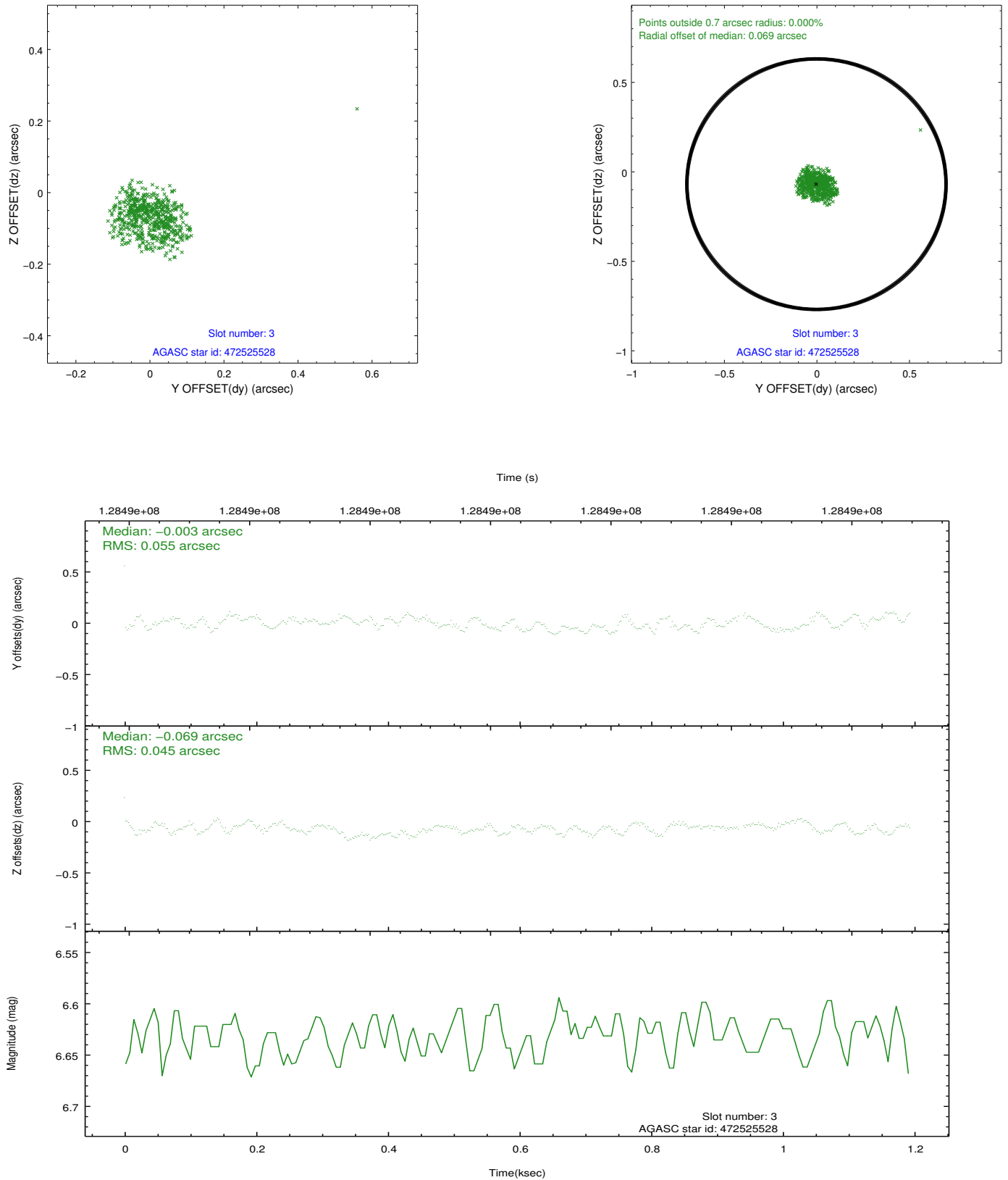


Slot Statistics

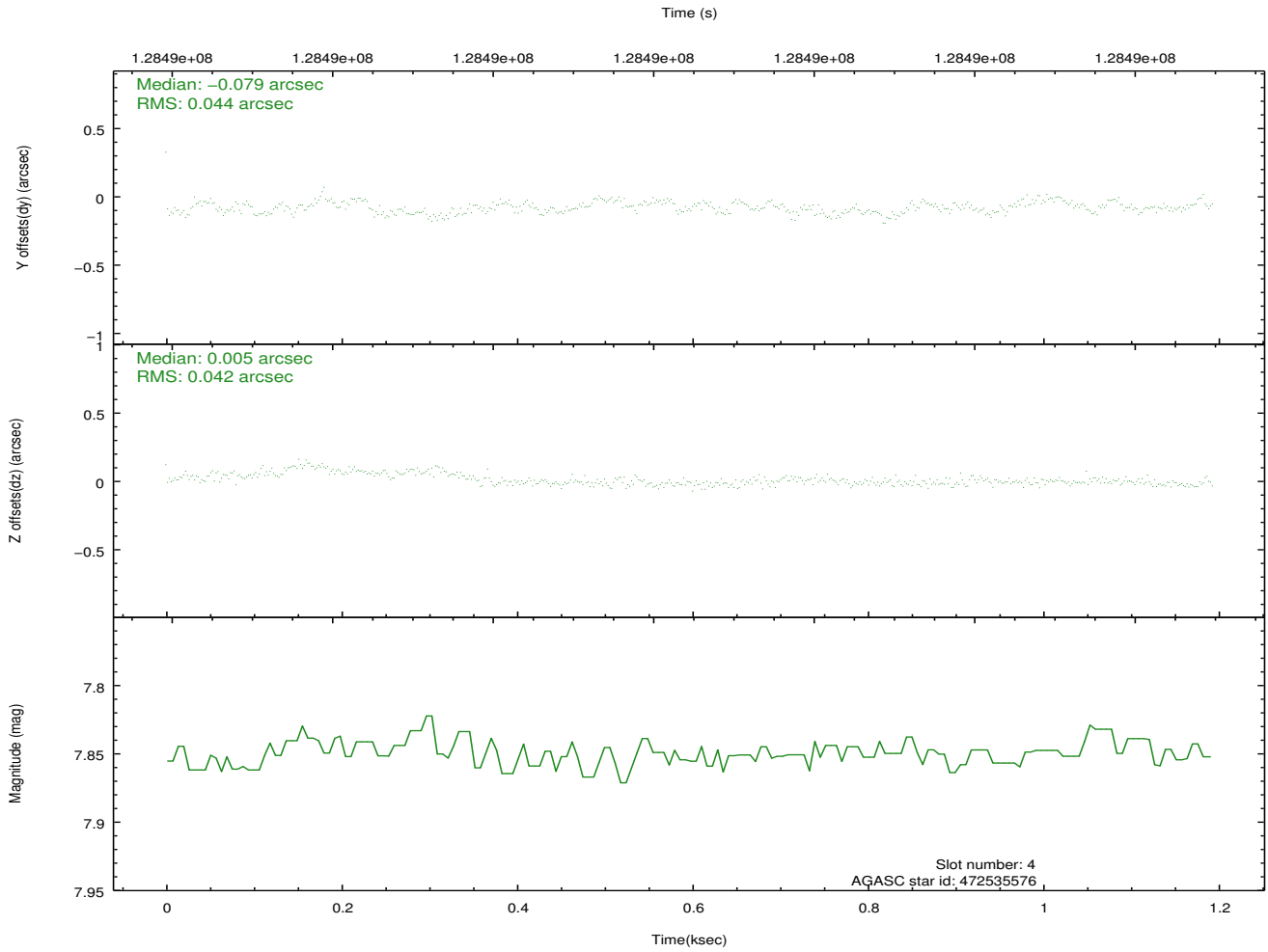
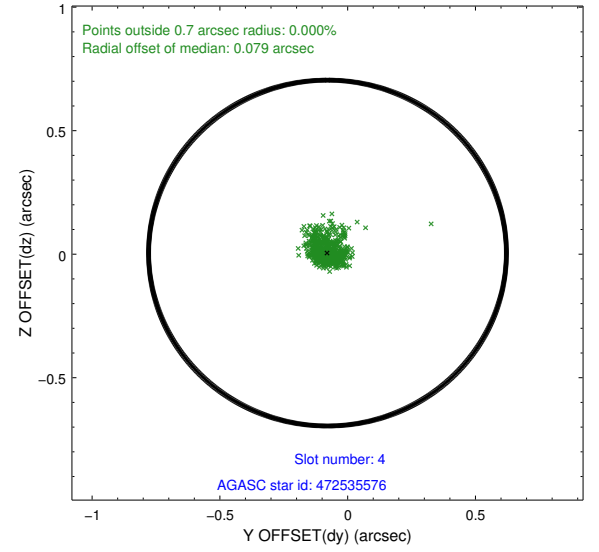
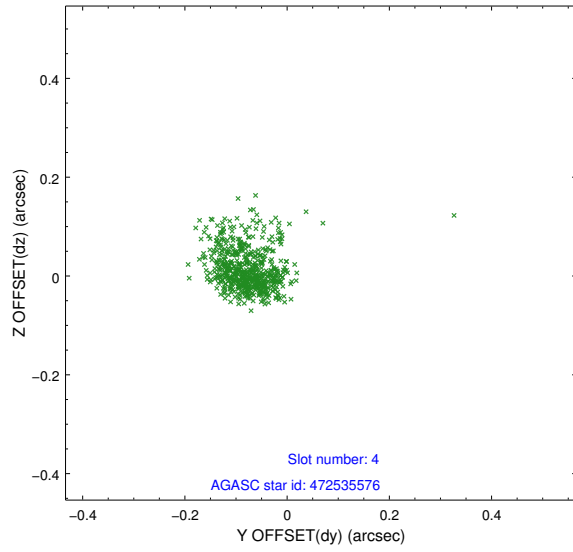
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.027	0.032	0.007	0.012	0.000000	0.000000	-759.00	-1294.78
1	FID	HRC-I-2	7.00	291	0.077	-0.072	0.006	0.010	0.000000	0.000000	851.07	-1300.88
2	FID	HRC-I-3	7.05	291	0.014	-0.050	0.006	0.013	0.000000	0.000000	-1184.61	1005.23
3	GUIDE	472525528	6.63	579	-0.003	-0.069	0.073	0.106	331.551102	45.248694	-550.41	-2187.41
4	GUIDE	472535576	7.85	583	-0.079	0.005	0.059	0.107	331.438373	46.291802	-2269.72	1160.12
5	GUIDE	472536328	8.12	583	-0.071	0.069	0.067	0.114	331.496671	46.454831	-2366.76	1763.10
6	GUIDE	472659832	9.46	583	0.092	0.026	0.125	0.196	332.780399	46.098139	1074.95	1847.89
7	GUIDE	472654568	9.44	582	0.056	-0.031	0.121	0.190	332.194449	45.063576	1215.20	-2156.16

2.4 Star Slots

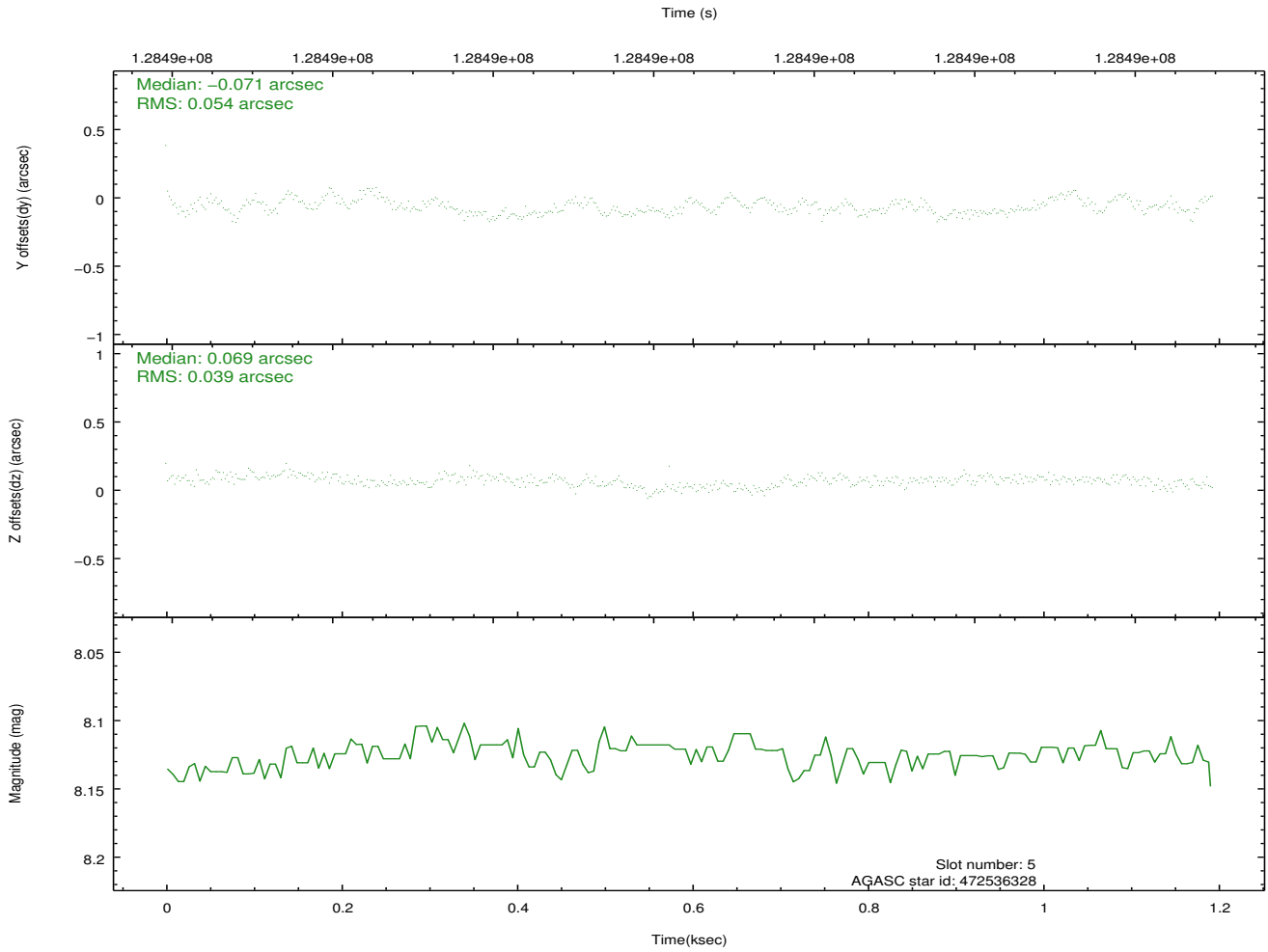
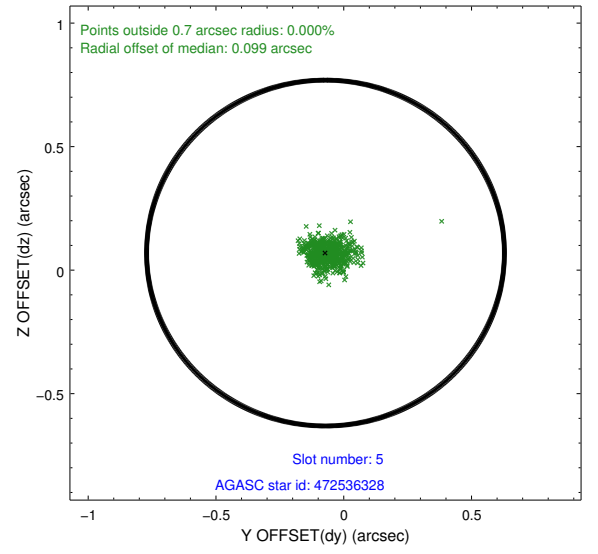
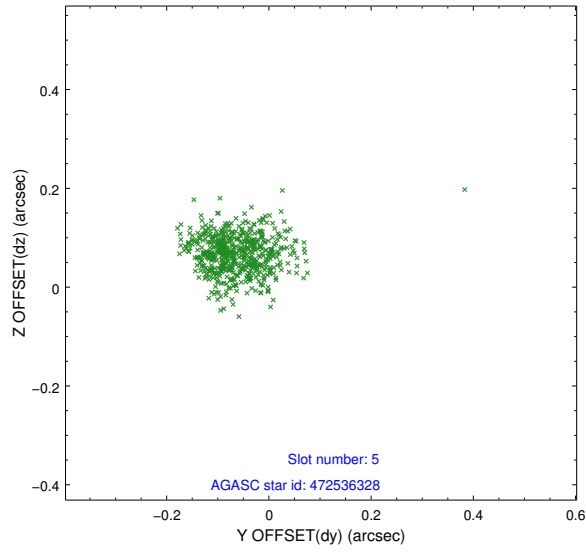
2.4.1 Slot 3



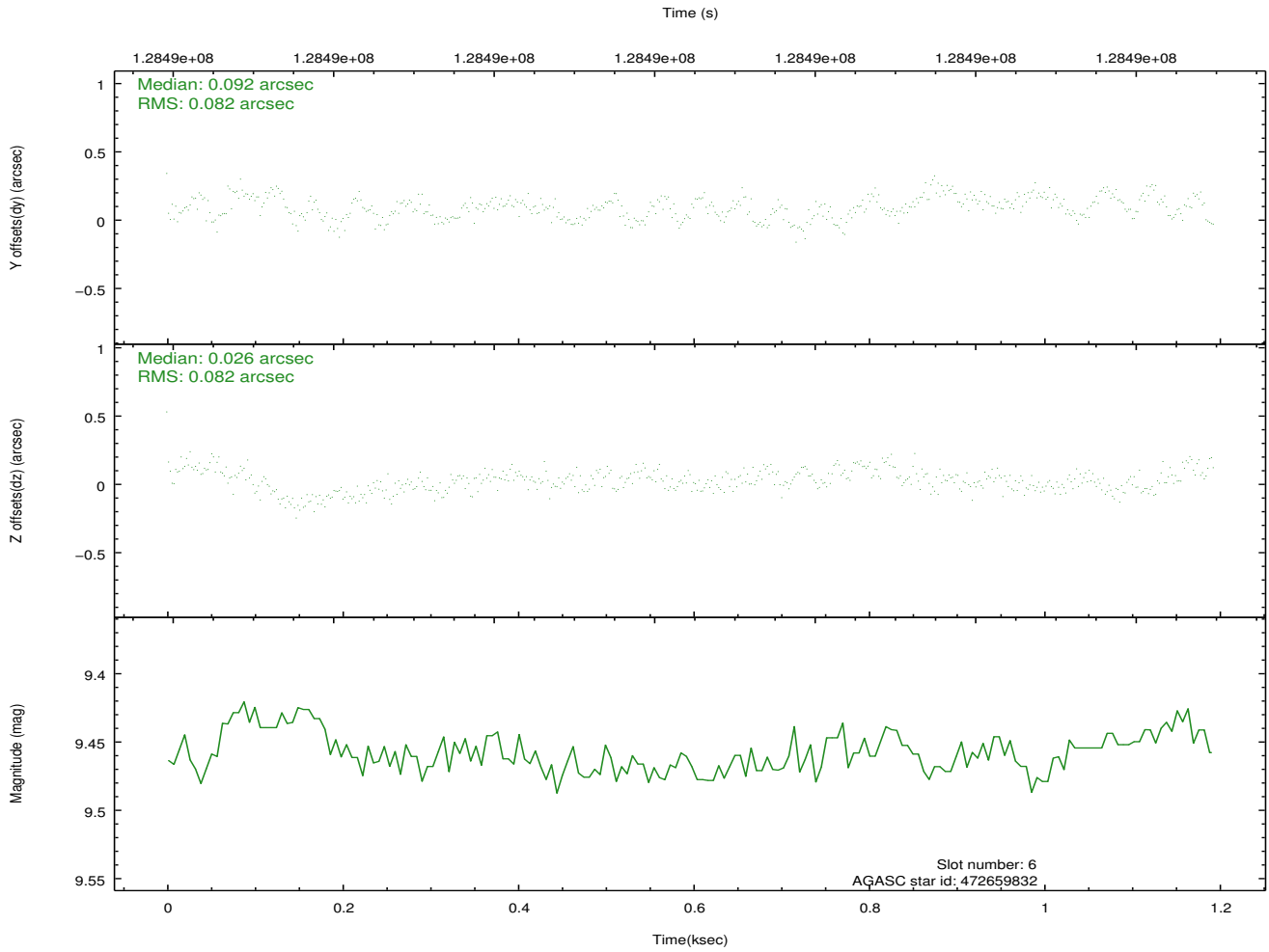
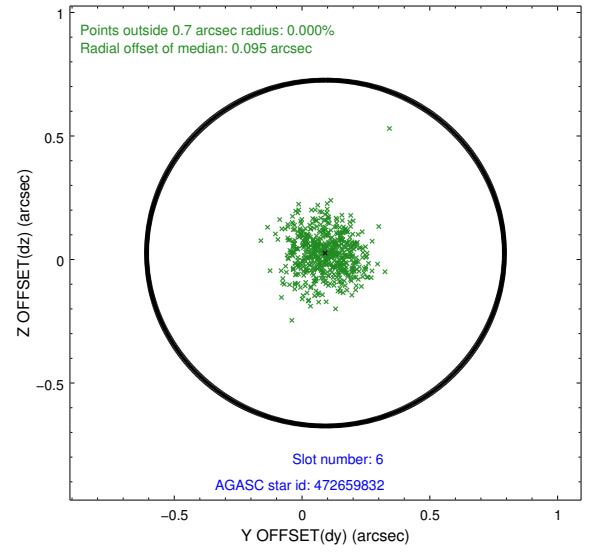
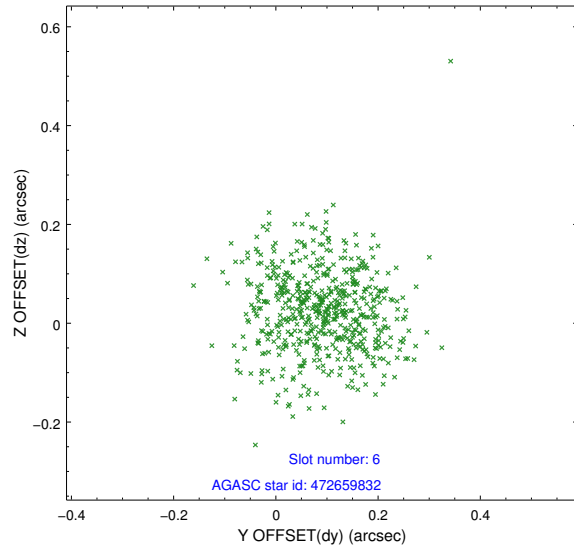
2.4.2 Slot 4



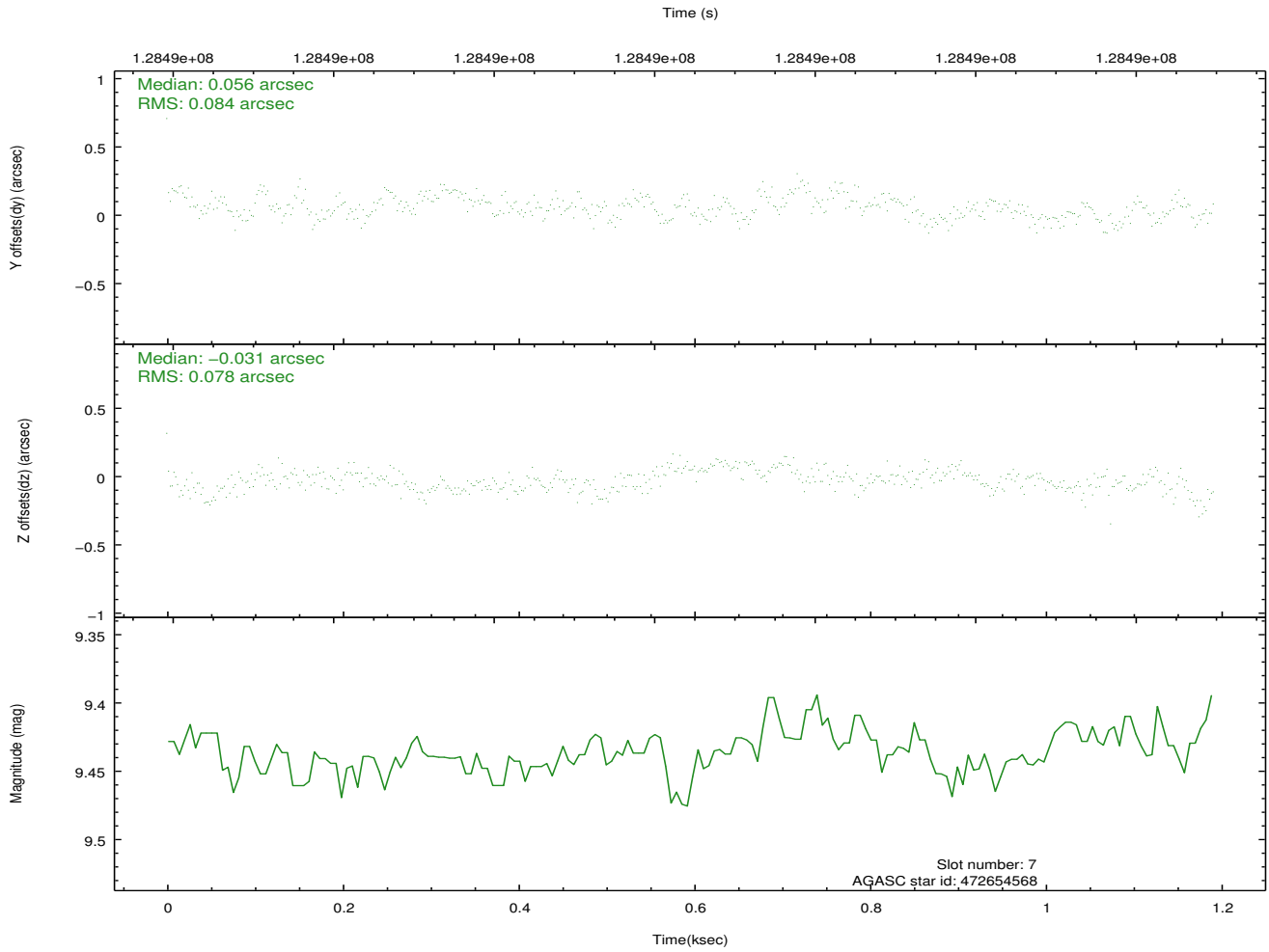
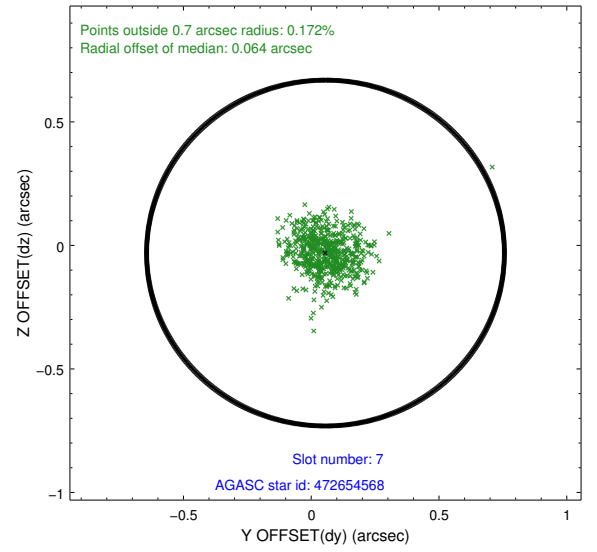
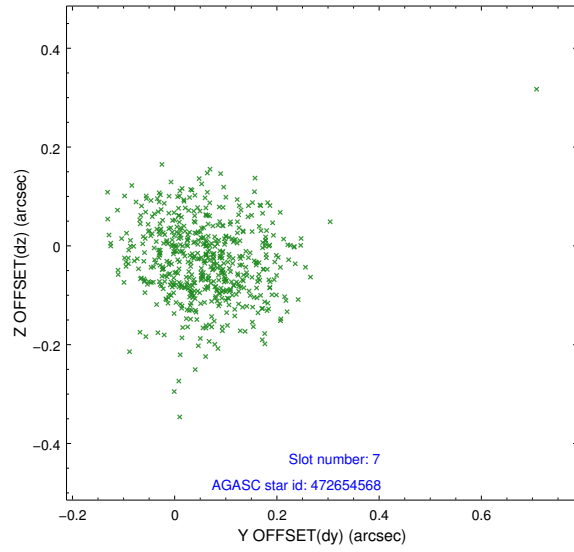
2.4.3 Slot 5



2.4.4 Slot 6

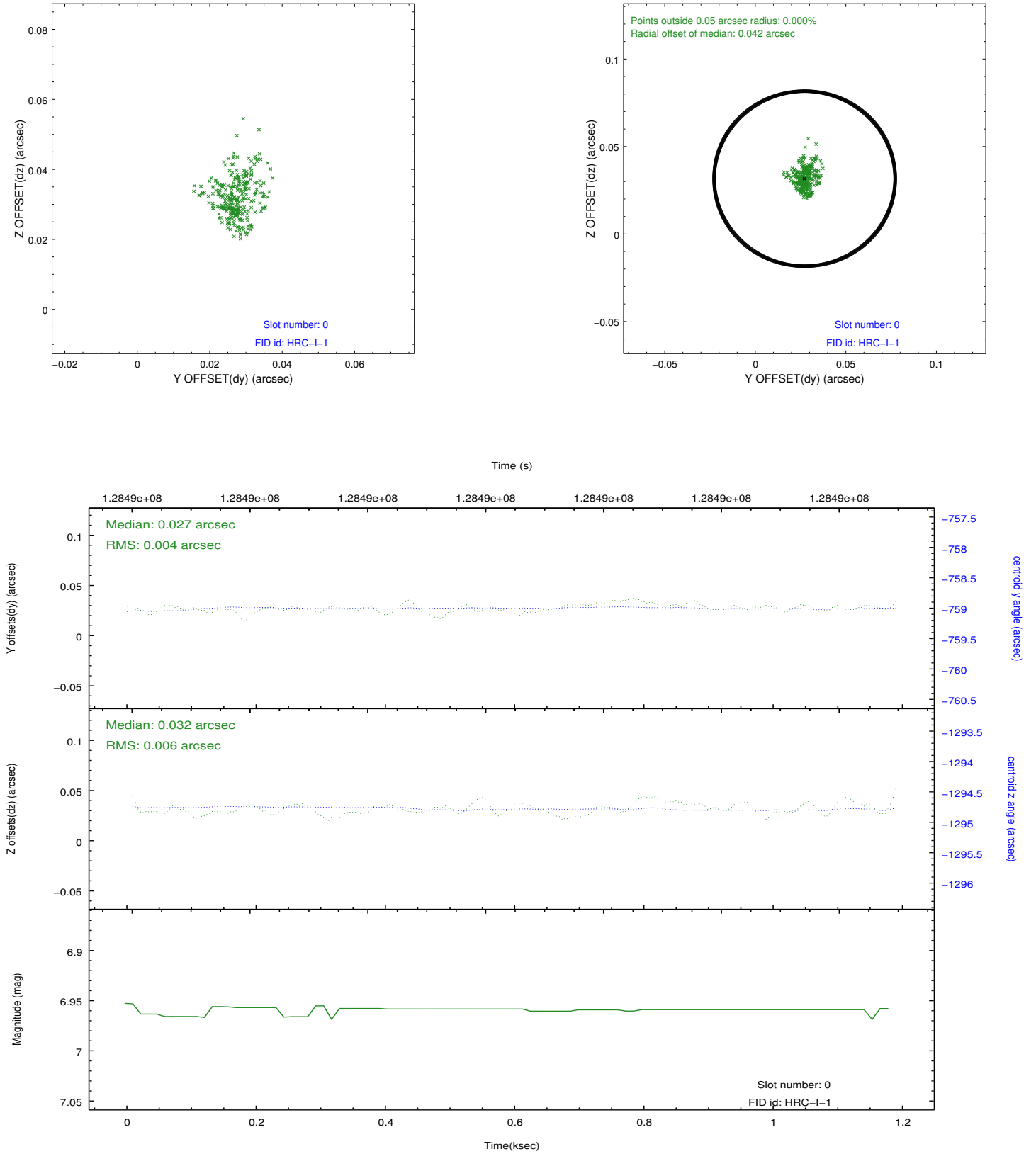


2.4.5 Slot 7

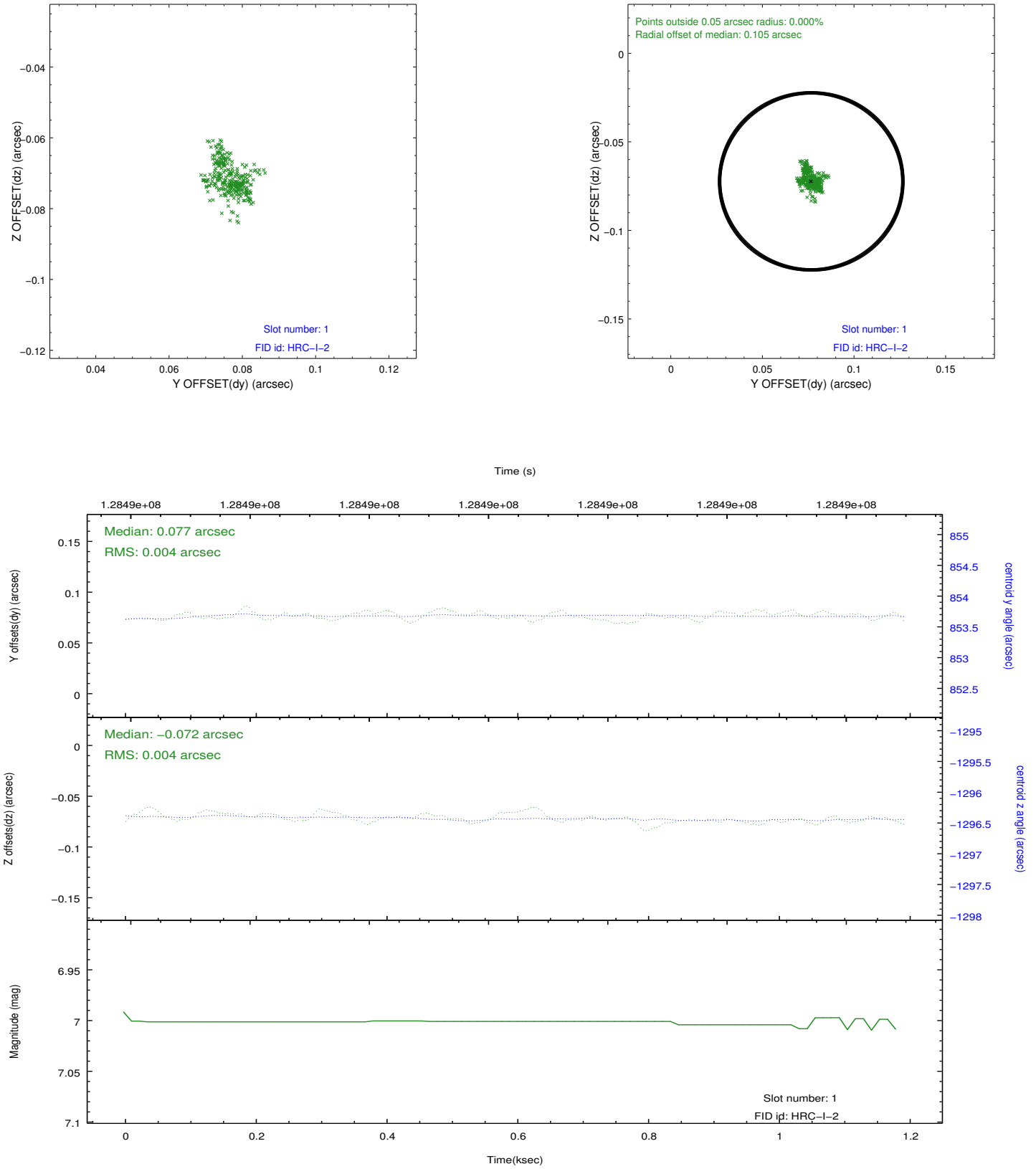


2.5 FID Slots

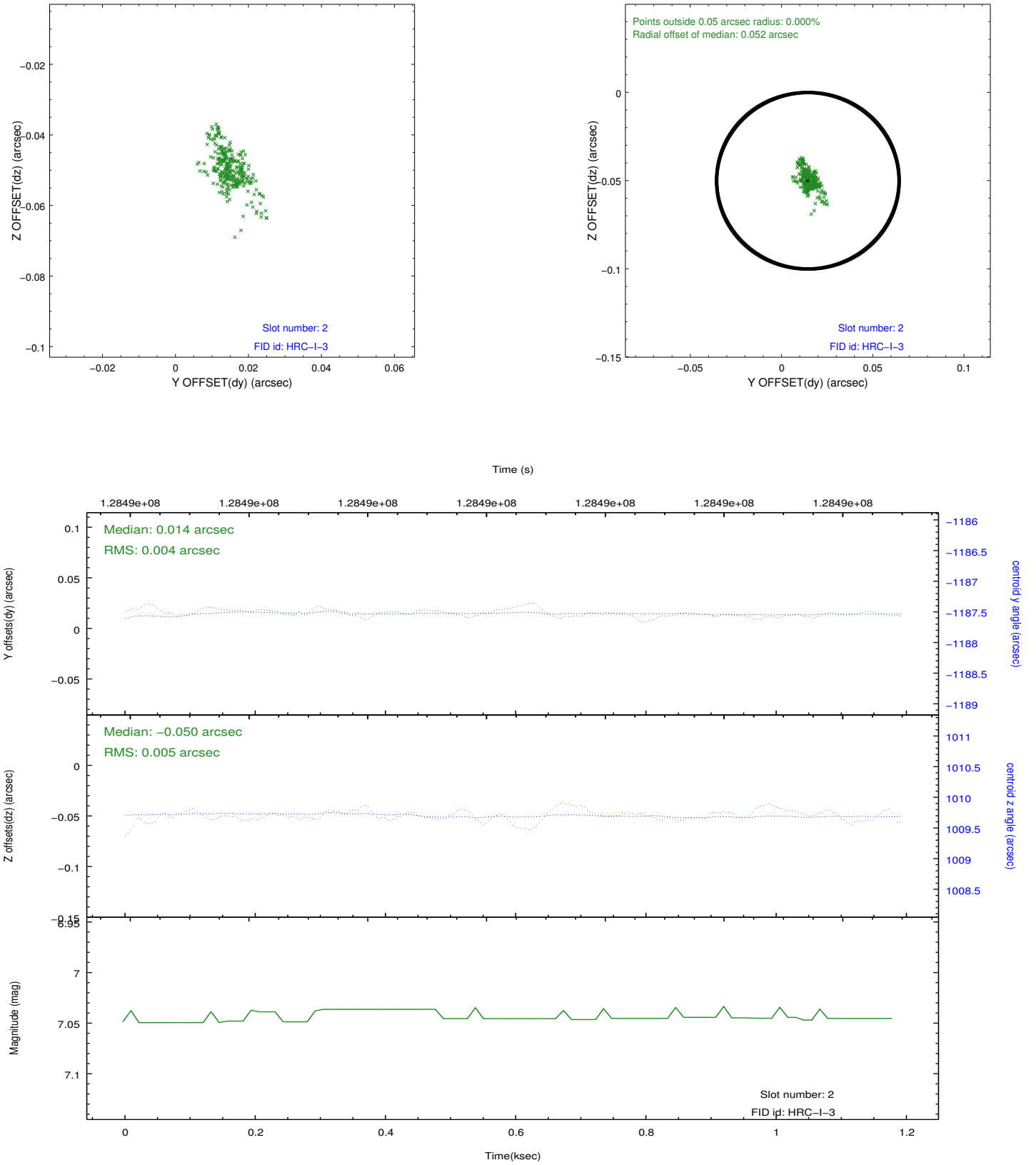
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments