

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8310 - L2 Version 4
Chandra X-Ray Center

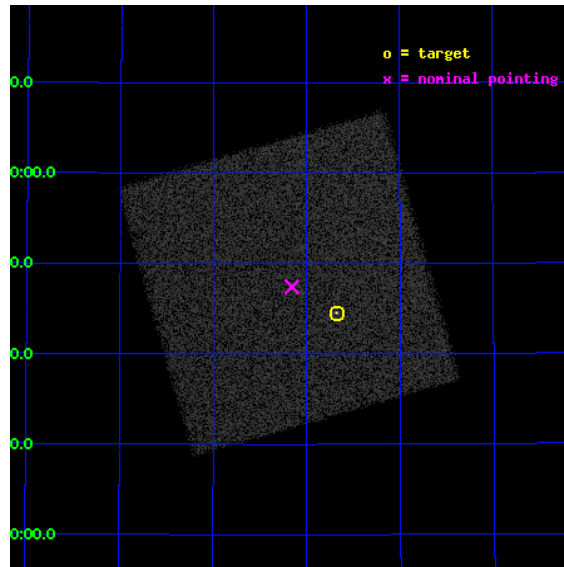
L2 Processing Date : Aug 11 2012

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1 Front

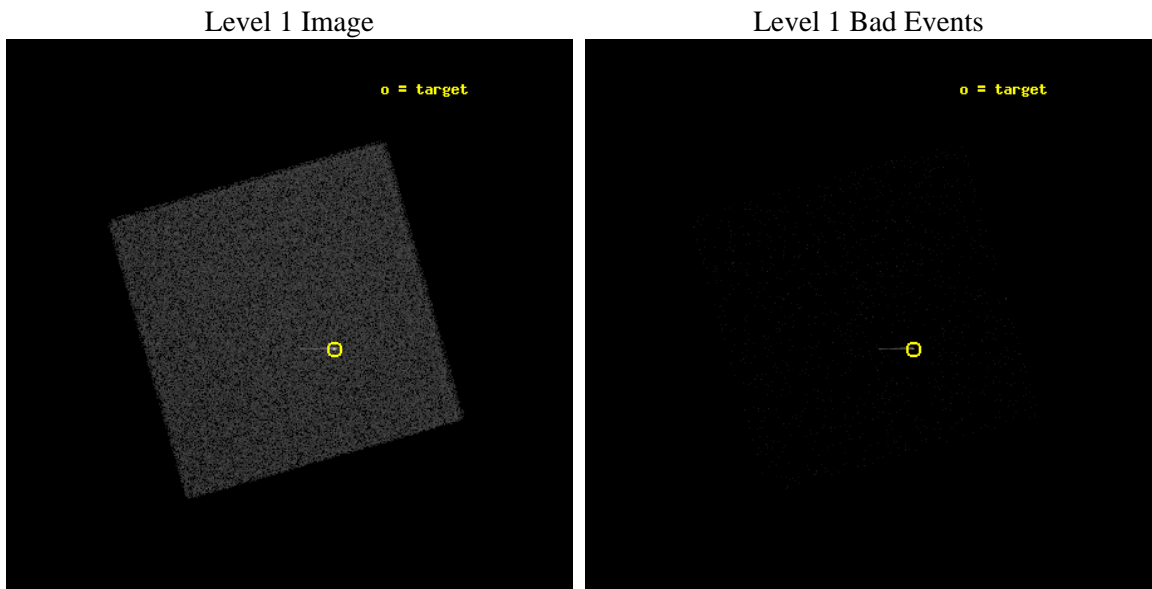
seq_num	290689	Sequence number
obs_id	8310	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.28969600711	Nominal RA [deg]
dec_nom	45.790565778217	Nominal Dec [deg]
roll_nom	209.03449904642	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813069344	[s]
livetime	1169.7719936477	Ontime multiplied by DTCOR
l2events	72516	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	1182.0813069344	[s]
caldbver	4.5.1.1	 	l1events	135271	Number of level 1 events
date	2012-08-12T01:51:15	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

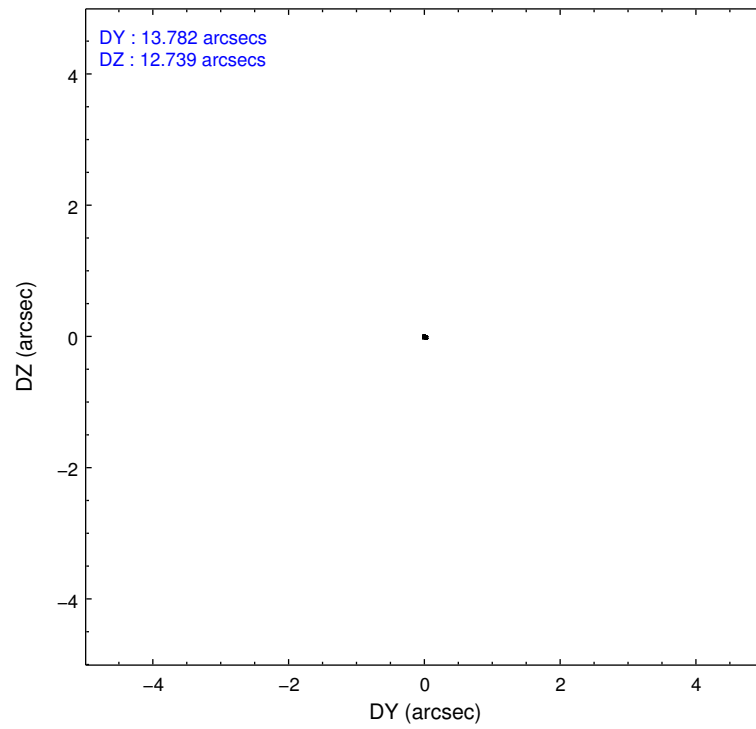
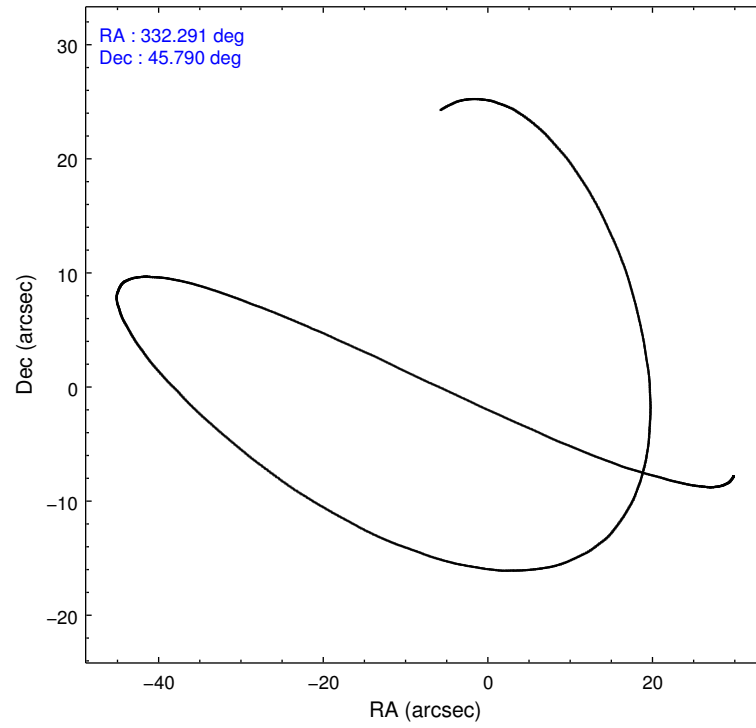
	segment 0
level 1 events	135271
rejected events	29311
rejected %	21%

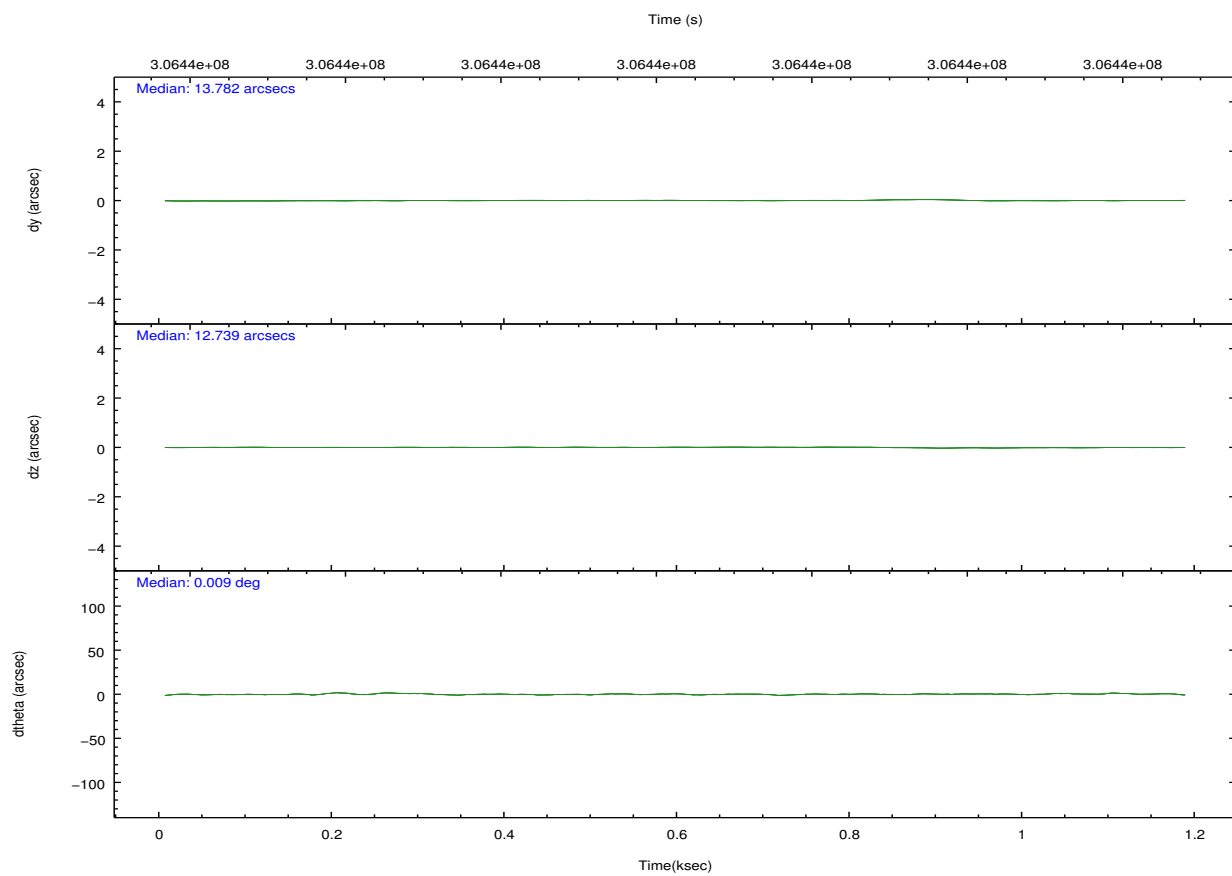
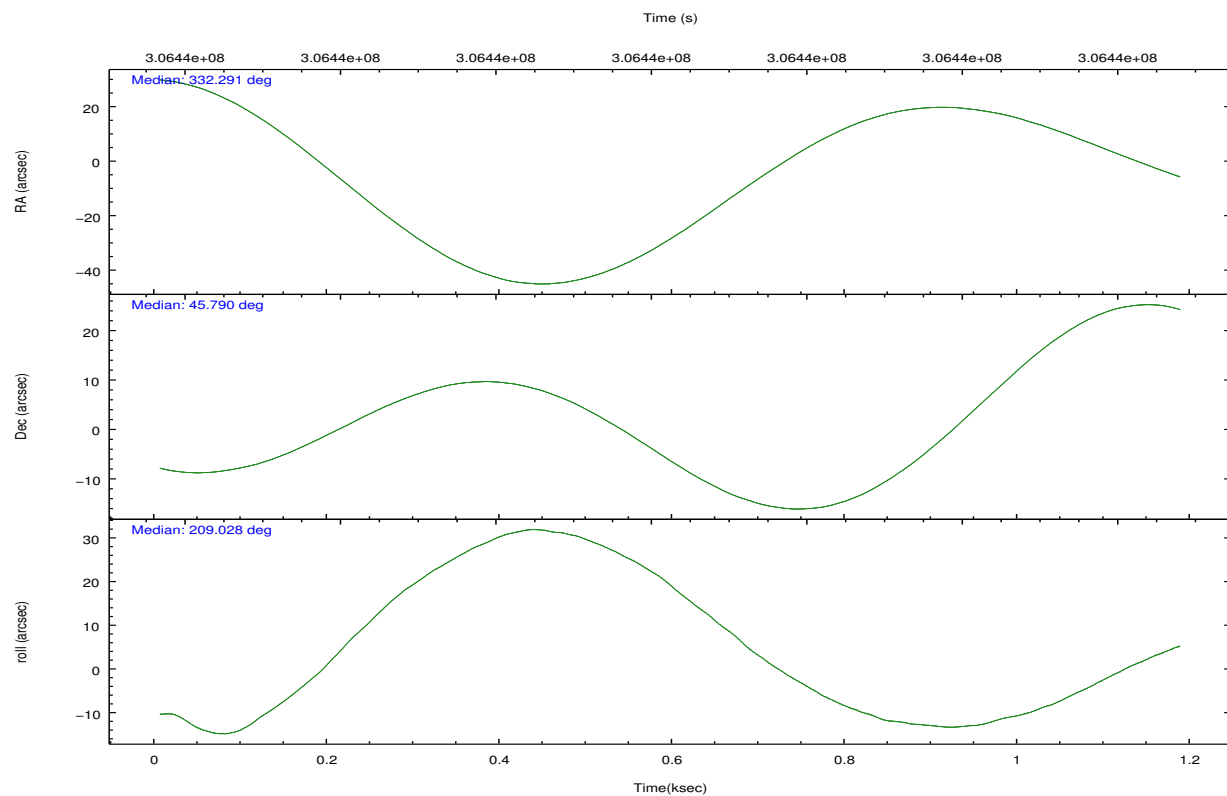
2.2 Compared Parameters

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	332.308463	332.2896960071092
[deg] Pointing Dec	45.814141	45.79056577821748
[deg] Pointing Roll	209.116518	209.0344990464249
[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)	306442622.184000	306442246.36406
Observation start date	2007-09-17T18:55:57	2007-09-17T18:50:46
[s] Observation end time (MET)	306443622.184000	306443756.18913
Observation end date	2007-09-17T19:12:37	2007-09-17T19:15:56

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

2.3 Aspect



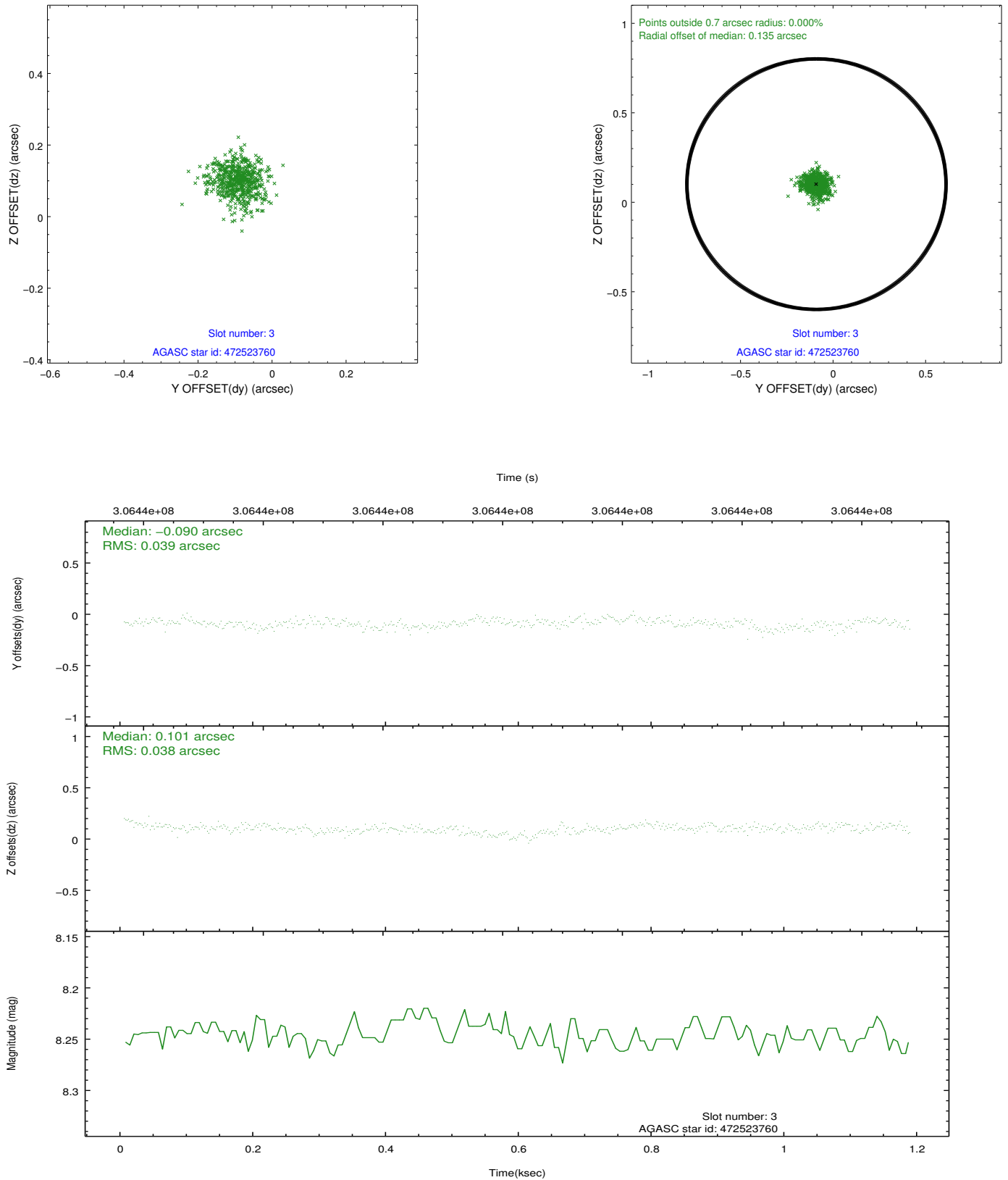


Slot Statistics

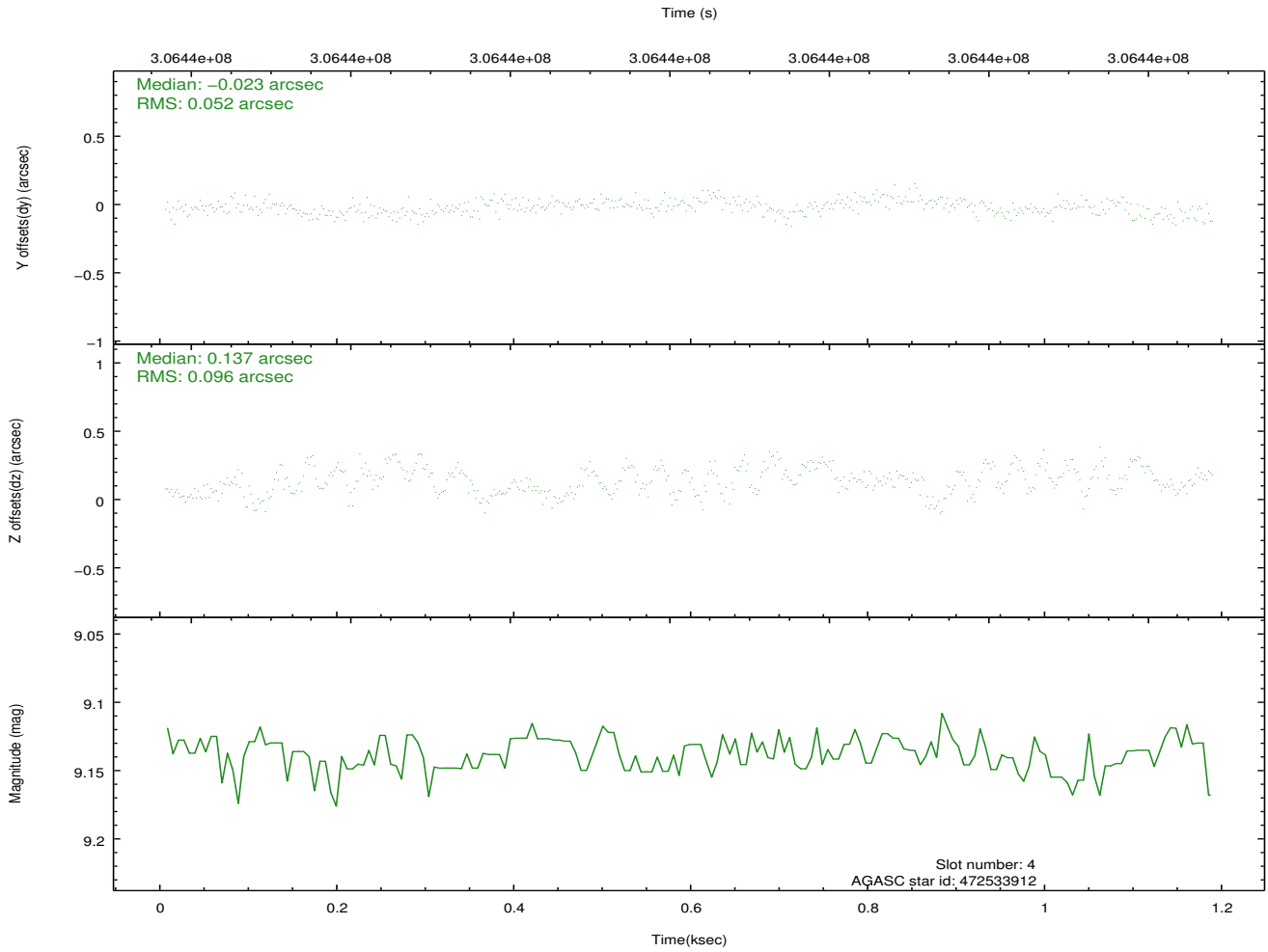
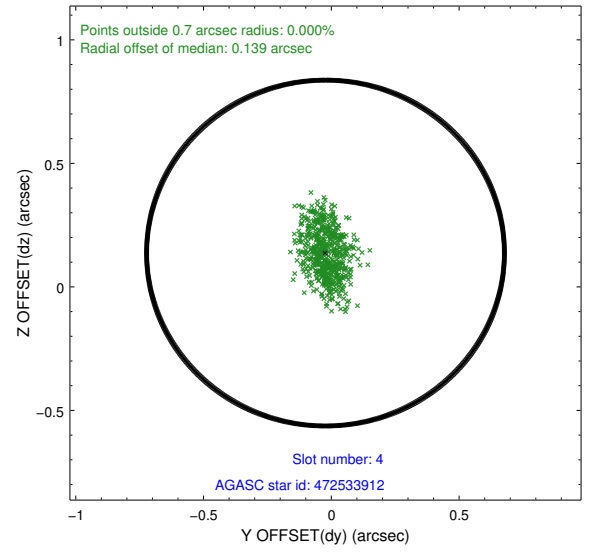
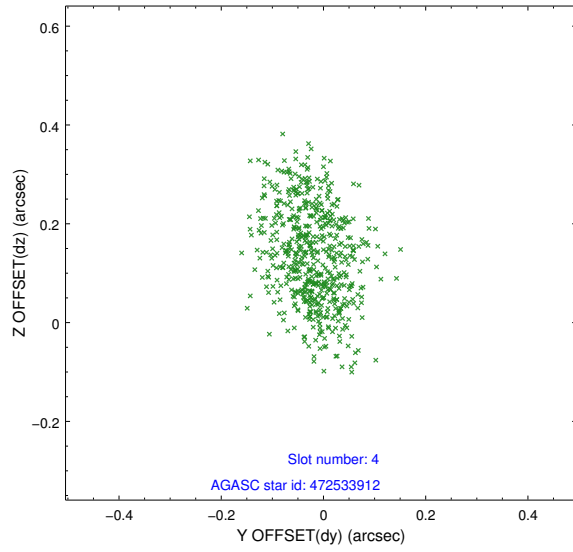
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	289	-0.060	0.034	0.005	0.012	0.000000	0.000000	-769.61	-1300.77
1	FID	HRC-I-2	7.02	289	0.243	-0.161	0.005	0.008	0.000000	0.000000	840.66	-1307.03
2	FID	HRC-I-3	7.07	289	-0.064	0.038	0.005	0.012	0.000000	0.000000	-1195.19	999.28
3	GUIDE	472523760	8.24	578	-0.090	0.101	0.058	0.095	331.645363	45.403260	2182.24	470.75
4	GUIDE	472533912	9.14	577	-0.023	0.137	0.118	0.187	331.791136	46.368695	154.88	-2372.29
5	GUIDE	472655152	9.42	578	0.104	-0.092	0.114	0.184	332.504239	45.862991	-512.63	80.31
6	GUIDE	472665256	9.01	577	0.126	0.137	0.077	0.122	332.808125	46.195041	-1755.97	-595.56
7	GUIDE	472651904	6.31	577	-0.119	-0.260	0.082	0.120	332.170077	45.742257	428.15	54.63

2.4 Star Slots

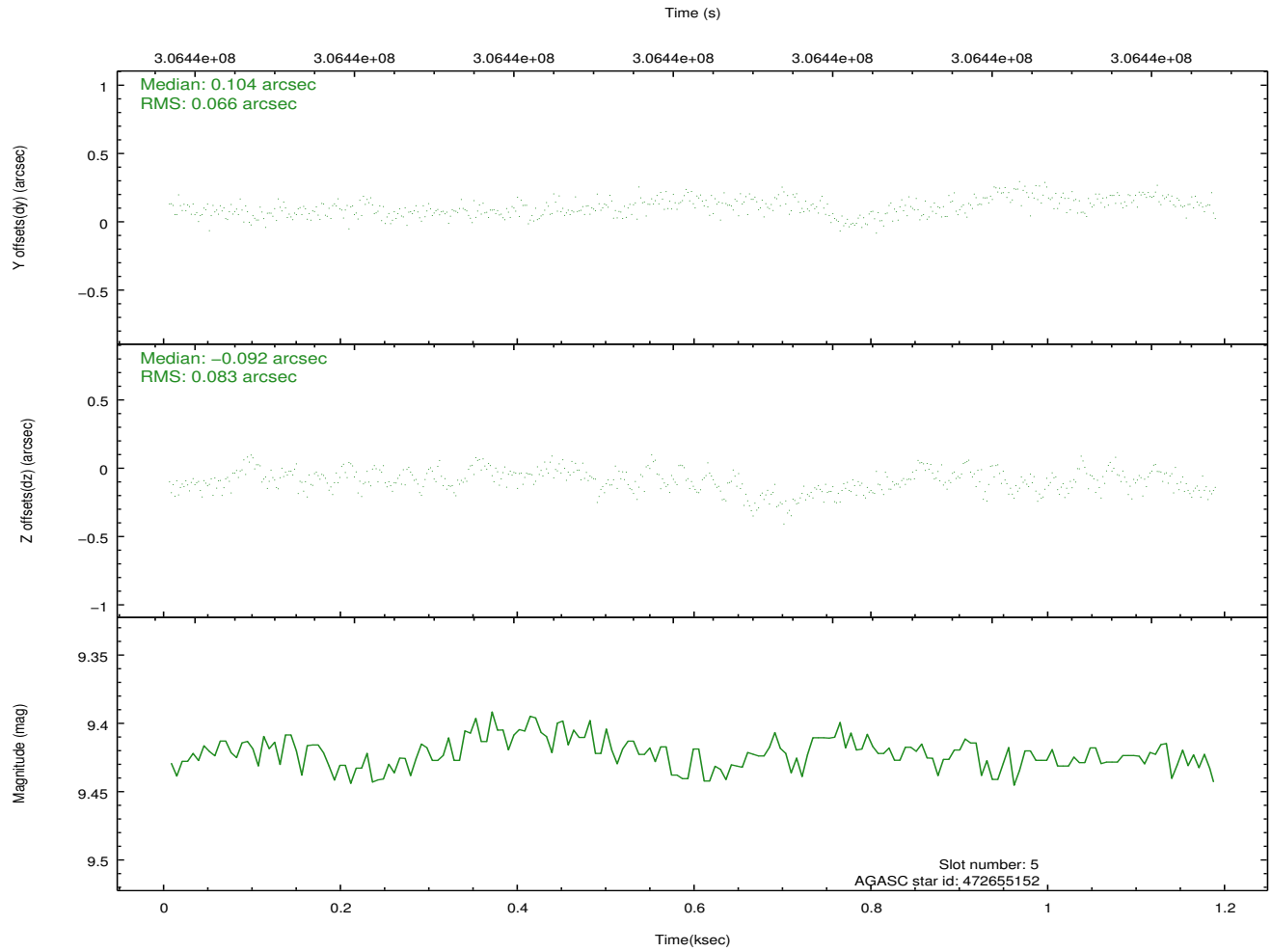
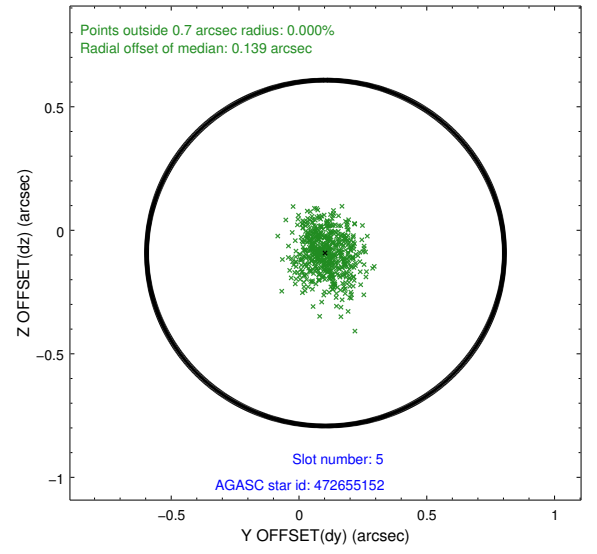
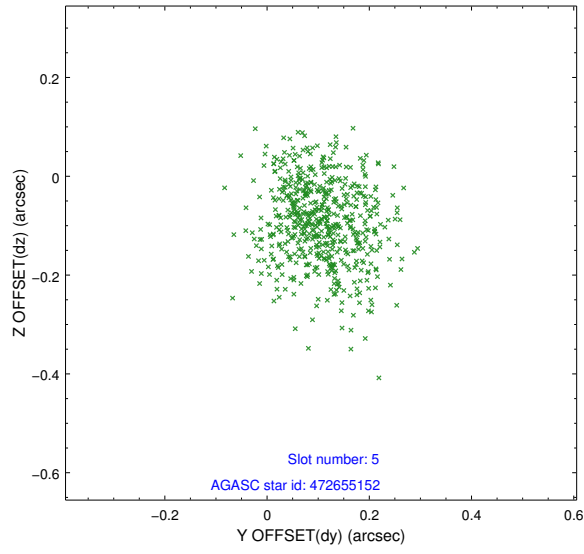
2.4.1 Slot 3



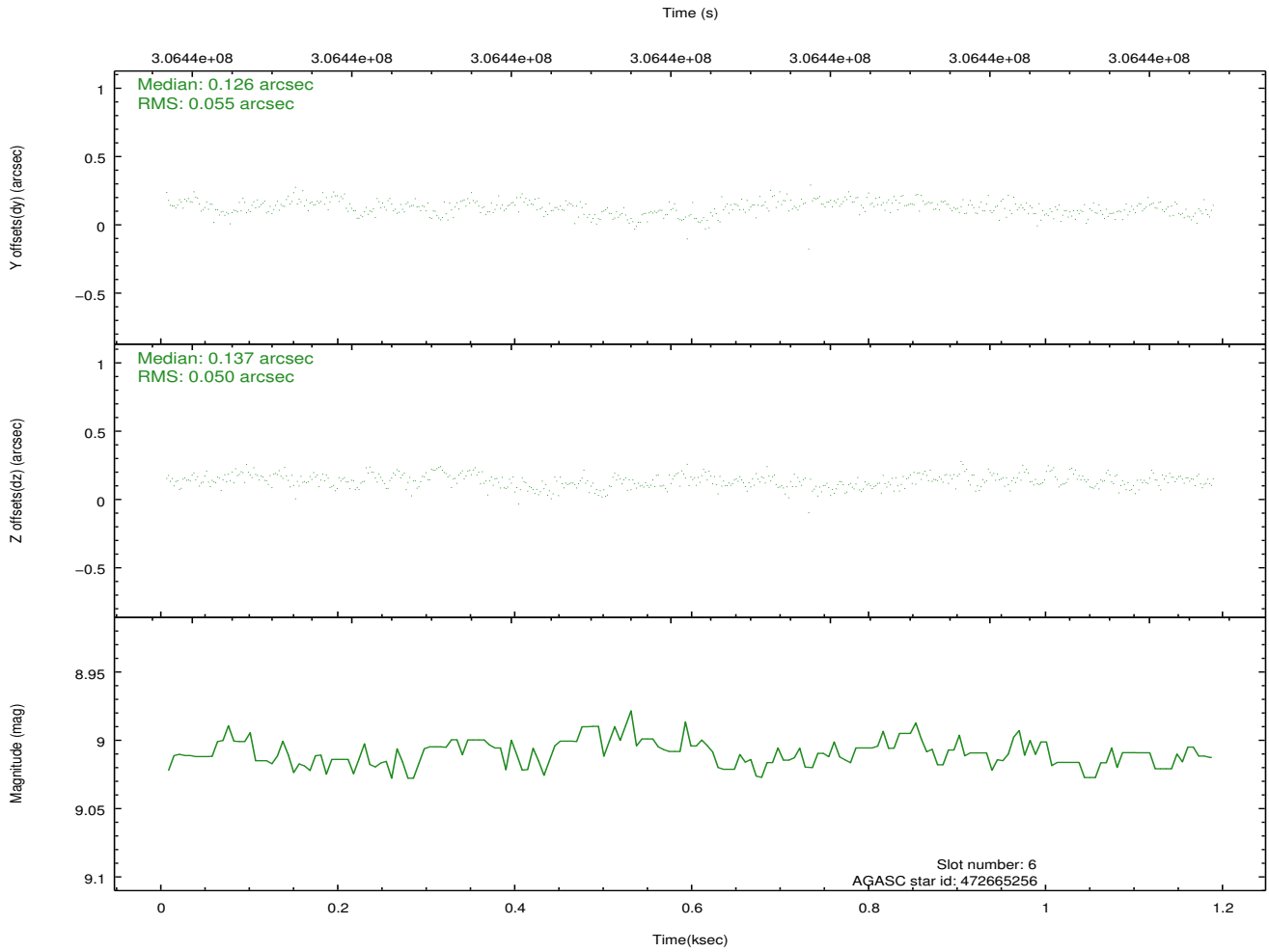
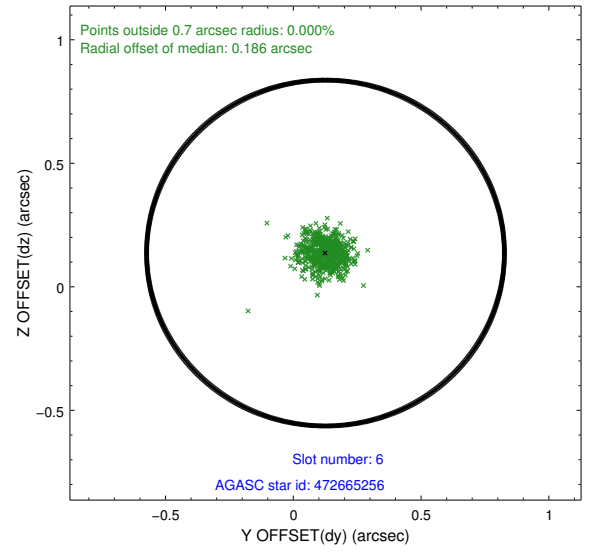
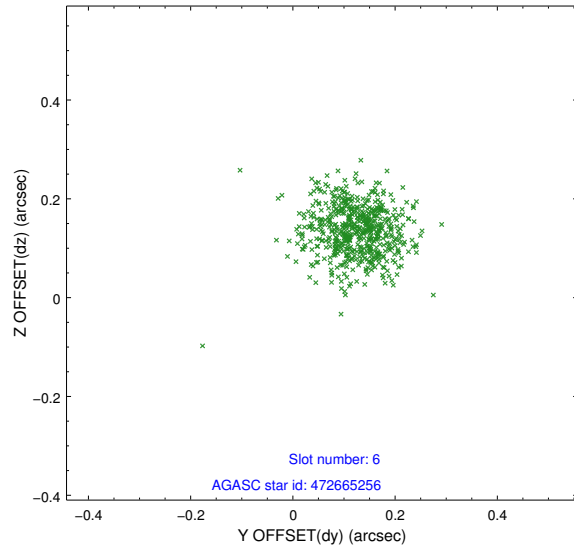
2.4.2 Slot 4



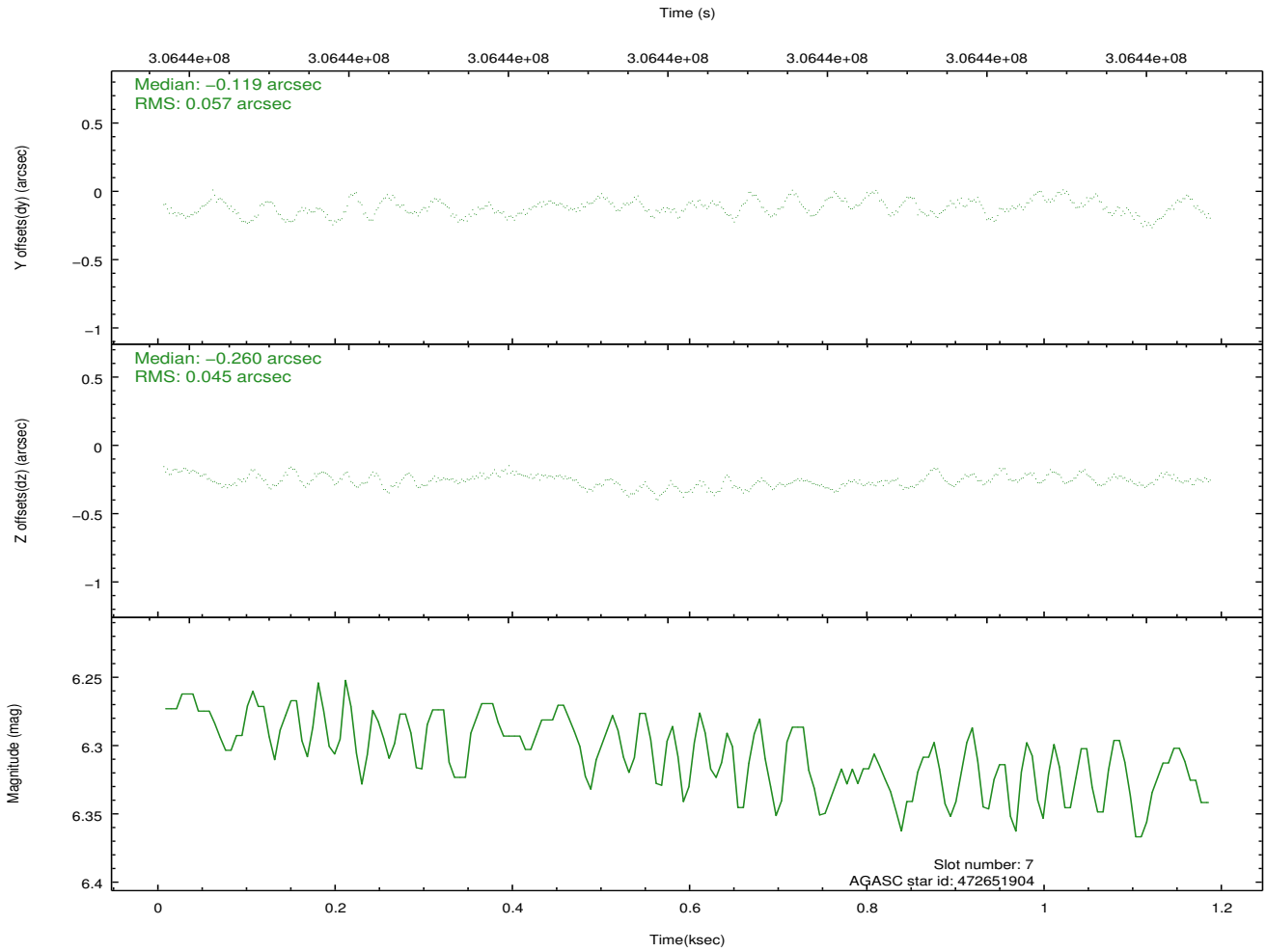
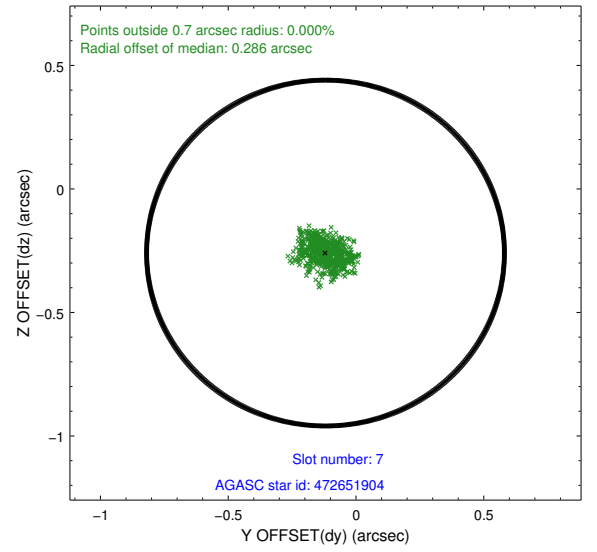
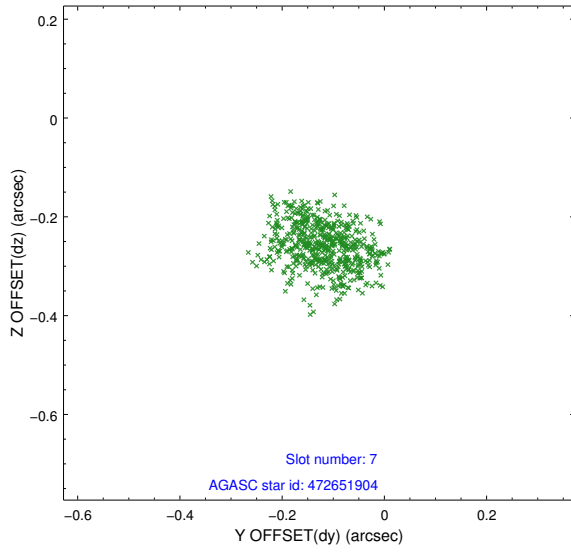
2.4.3 Slot 5



2.4.4 Slot 6

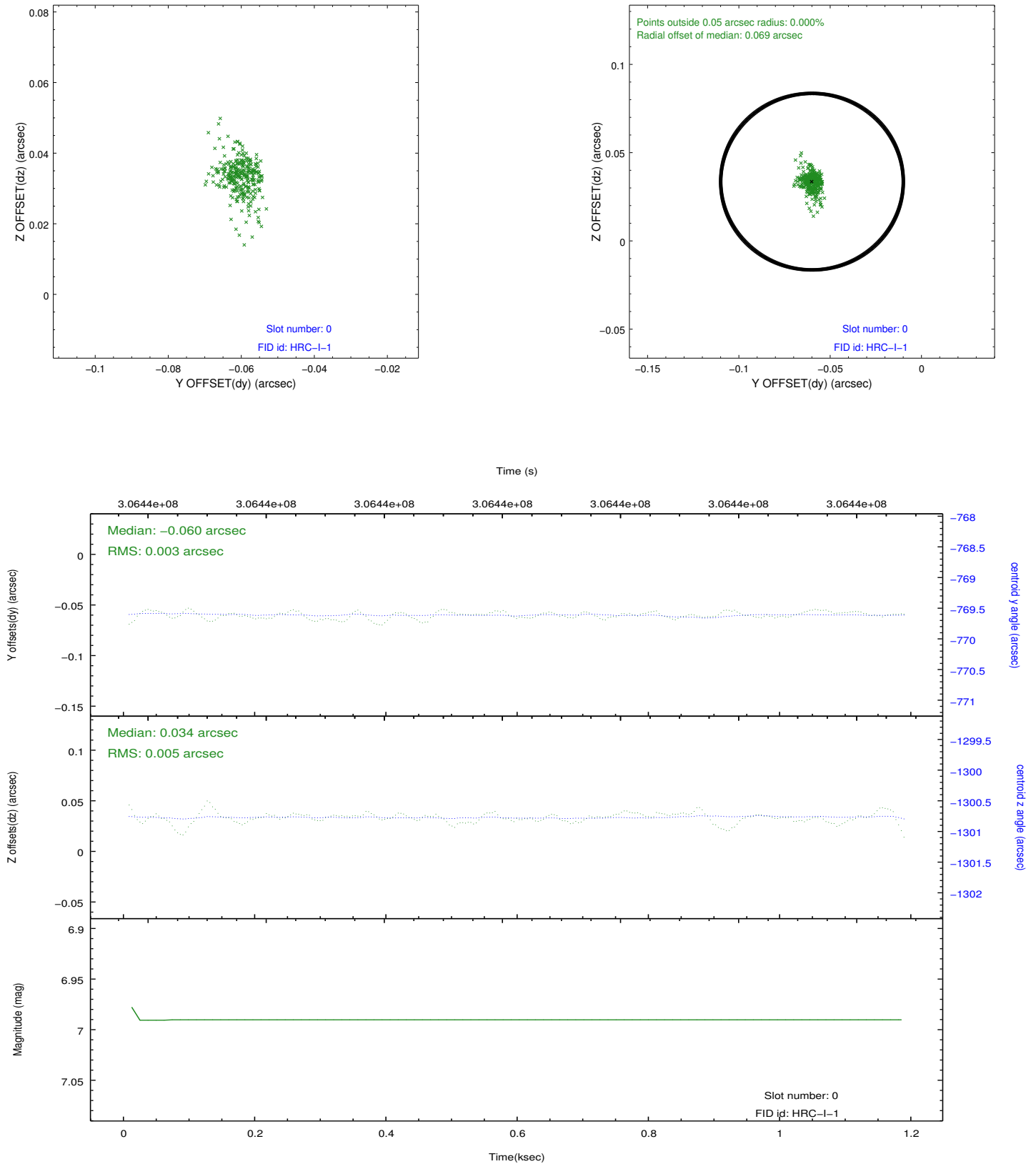


2.4.5 Slot 7

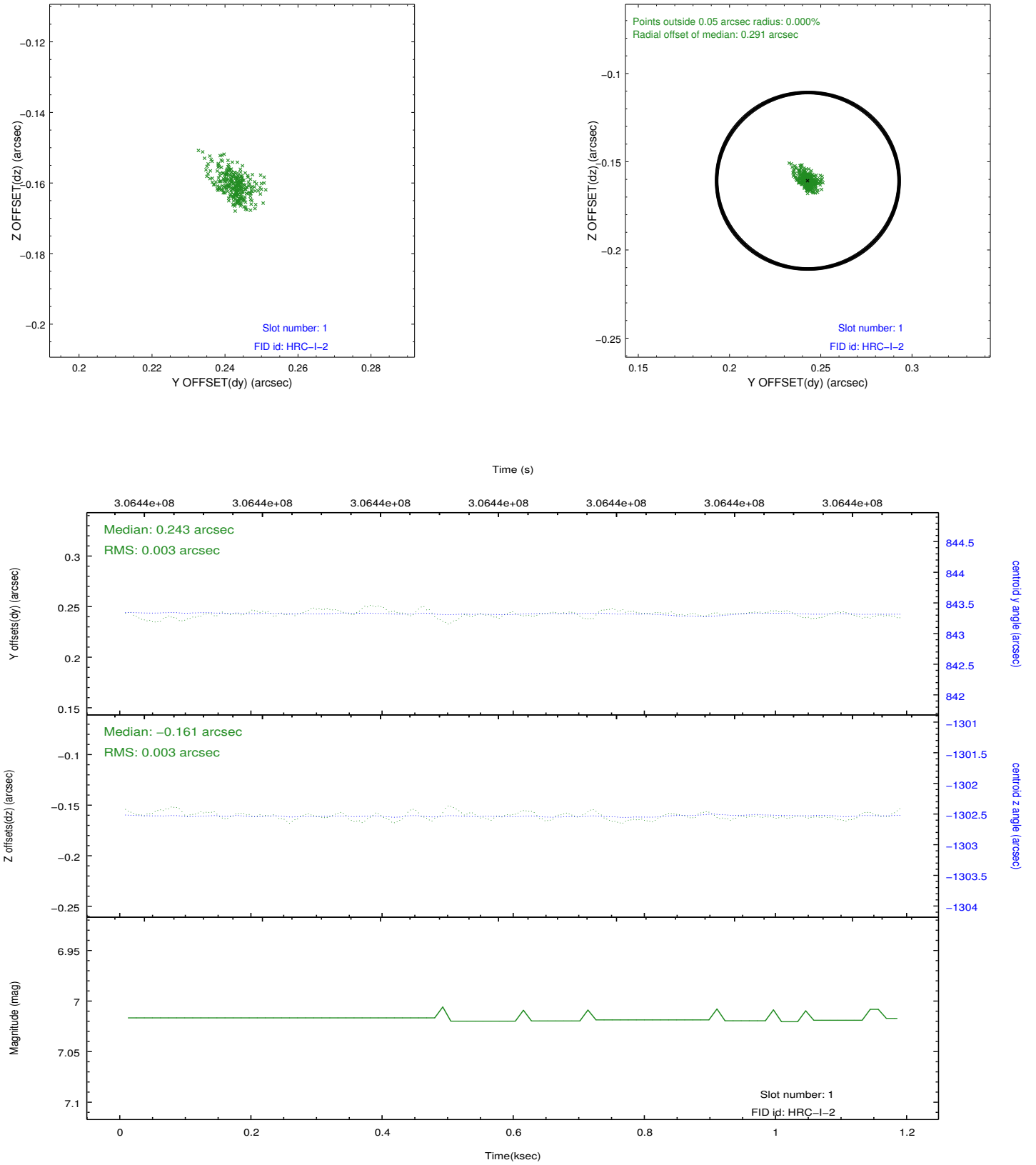


2.5 FID Slots

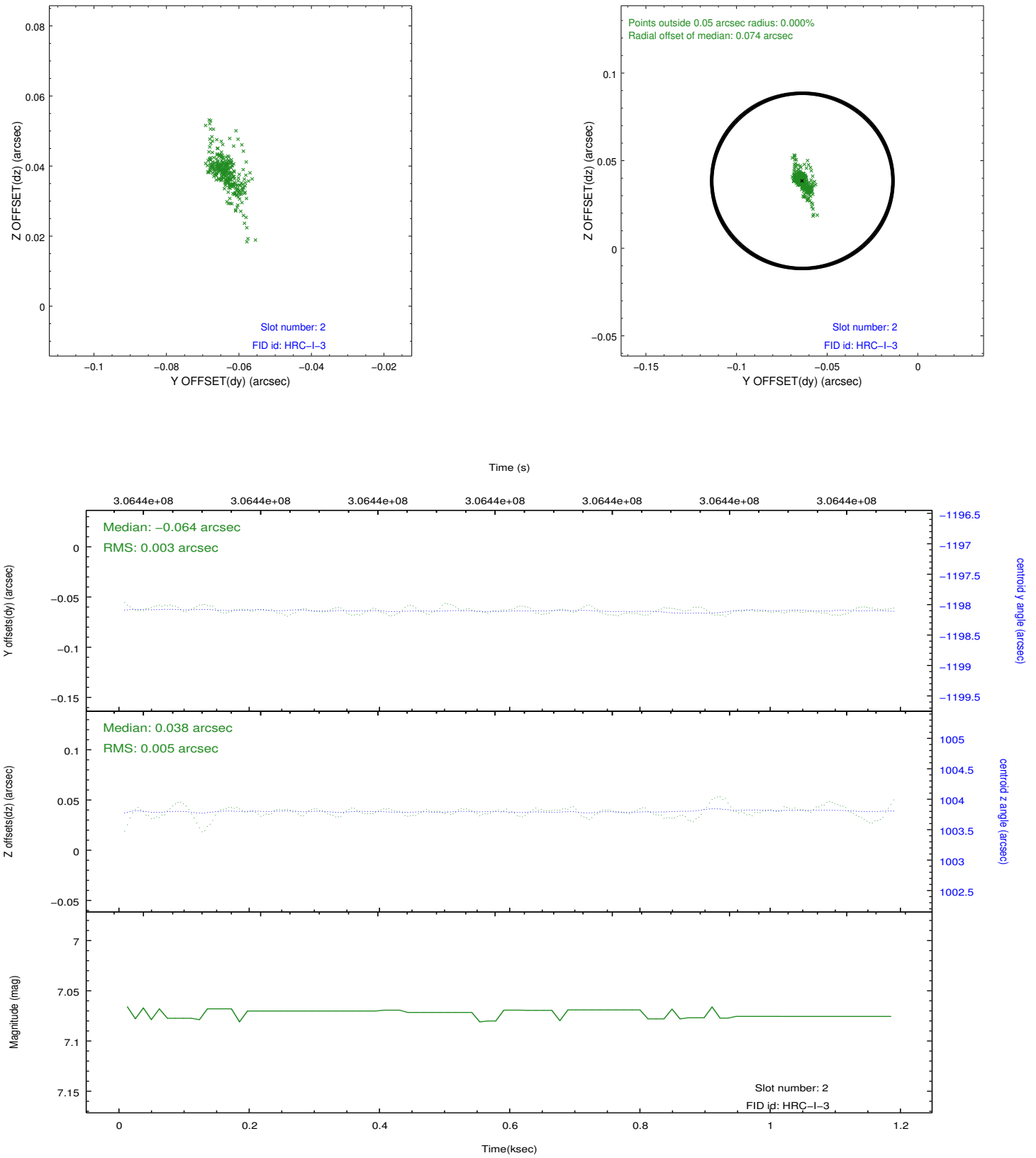
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18182505

A.2 Comments