

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5991 - L2 Version 4
Chandra X-Ray Center

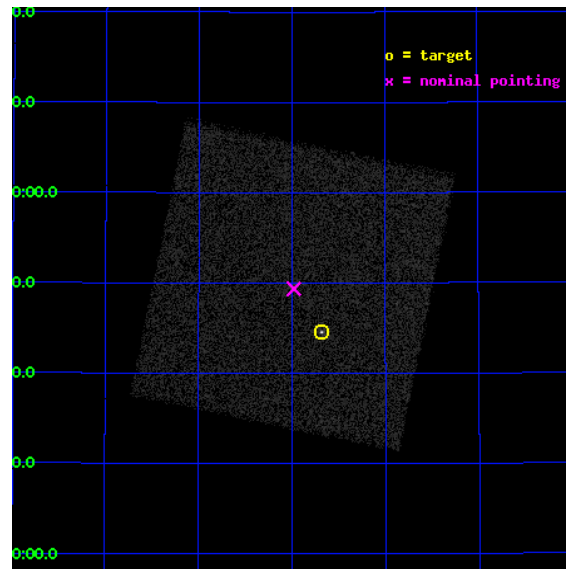
L2 Processing Date : Dec 30 2012

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1 Front

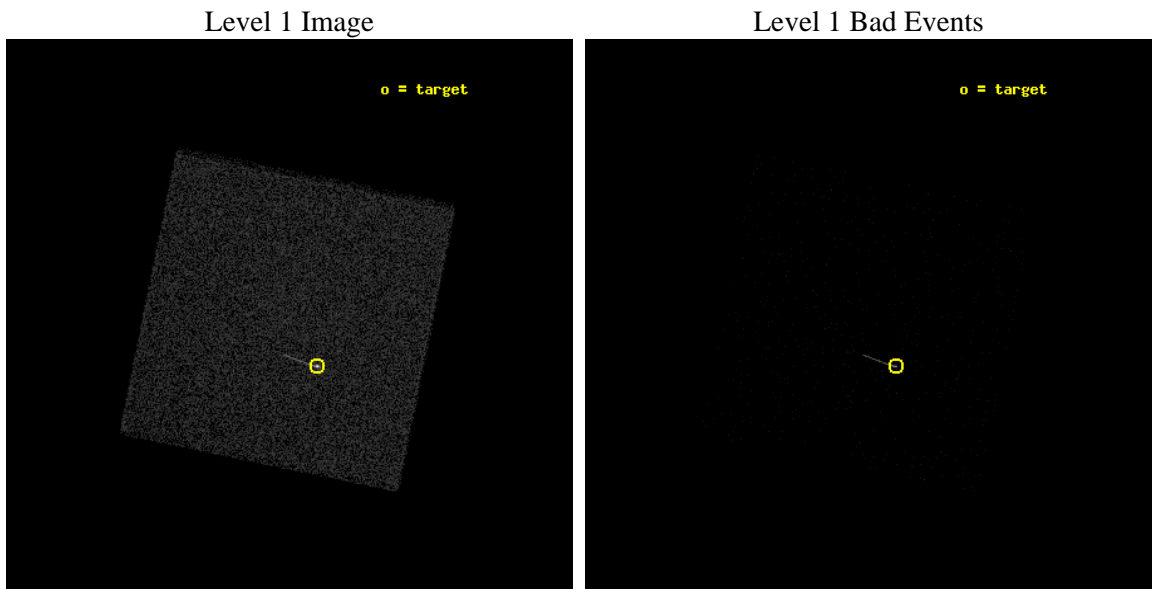
seq_num	290483	Sequence number
obs_id	5991	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24472018422	Nominal RA [deg]
dec_nom	45.822677779948	Nominal Dec [deg]
roll_nom	236.56831752662	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1177.9813042283	[s]
livetime	1169.4181394592	Ontime multiplied by DTCOR
l2events	50238	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	8.5.1.1	Processing system revision	ontime	1177.9813042283	[s]
caldbver	4.5.5	 	l1events	92740	Number of level 1 events
date	2012-12-30T05:45:37	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

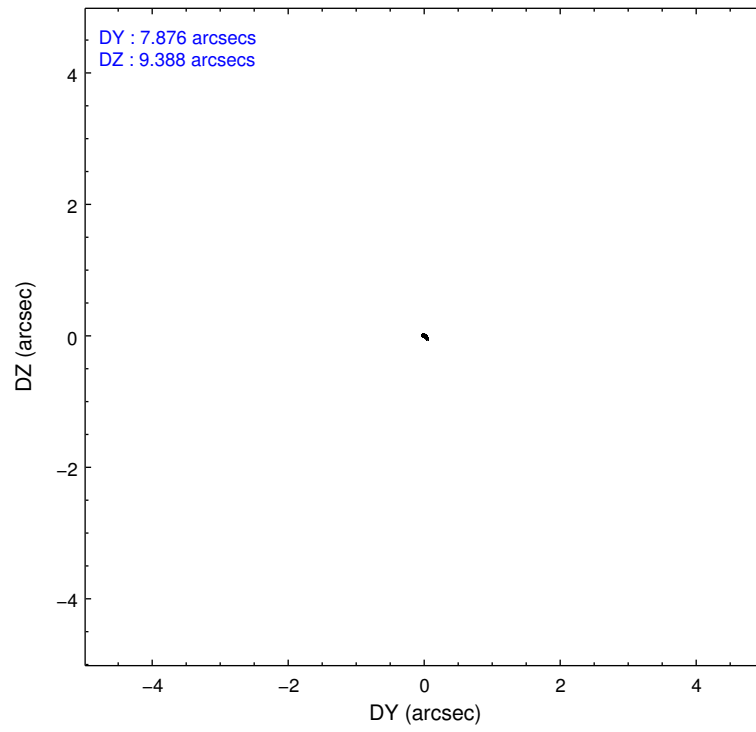
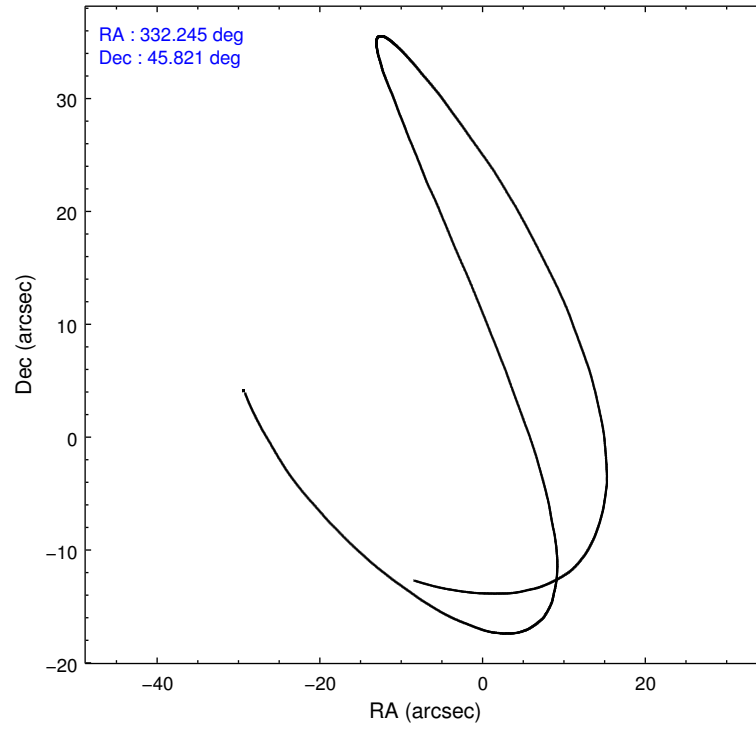
	segment 0
level 1 events	92740
rejected events	20843
rejected %	22%

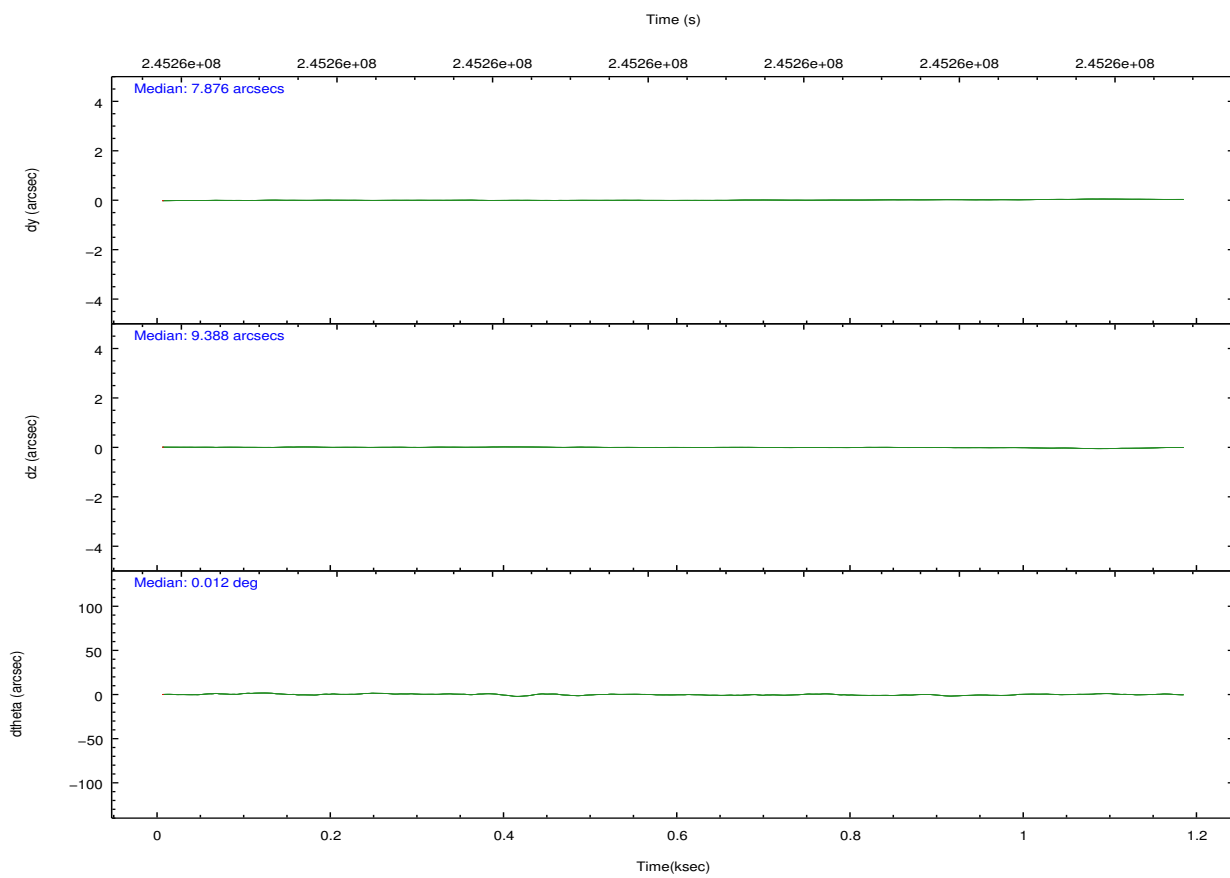
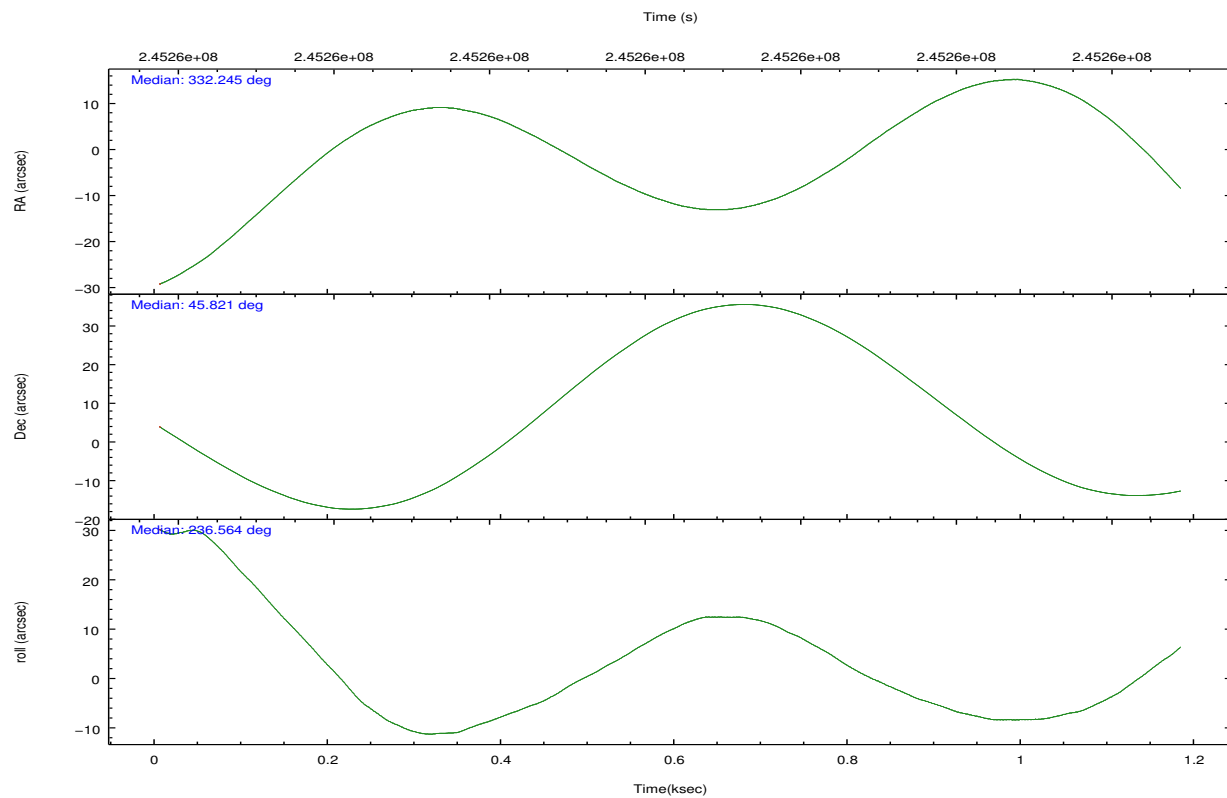
2.2 Compared Parameters

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	332.245210	332.2447201842226
[deg] Pointing Dec	45.850639	45.8226777799477
[deg] Pointing Roll	236.663410	236.5683175266157
[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)	245260026.184000	245259650.1084
Observation start date	2005-10-09T15:46:02	2005-10-09T15:40:50
[s] Observation end time (MET)	245261026.184000	245261159.93347
Observation end date	2005-10-09T16:02:42	2005-10-09T16:05:59

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

2.3 Aspect



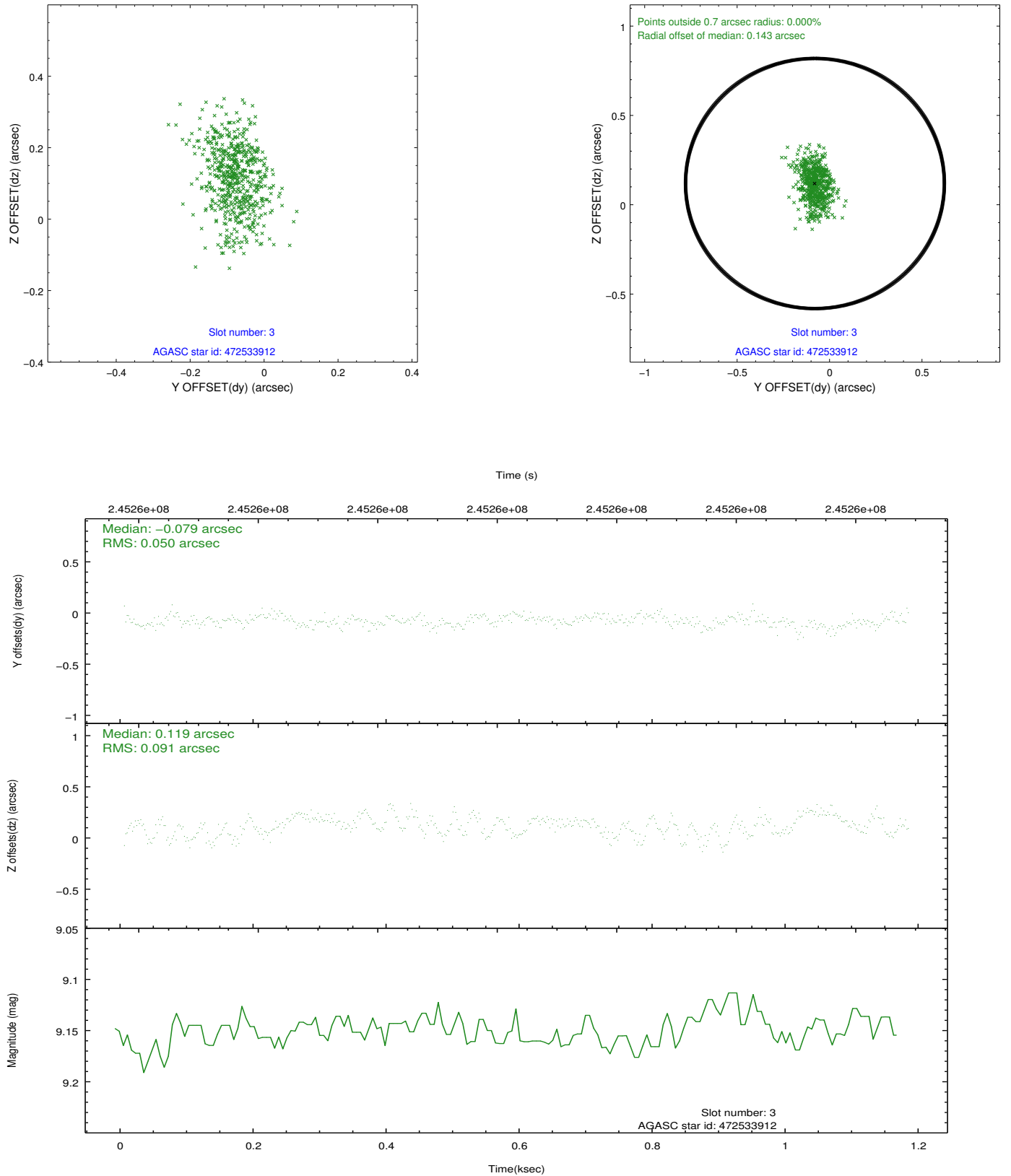


Slot Statistics

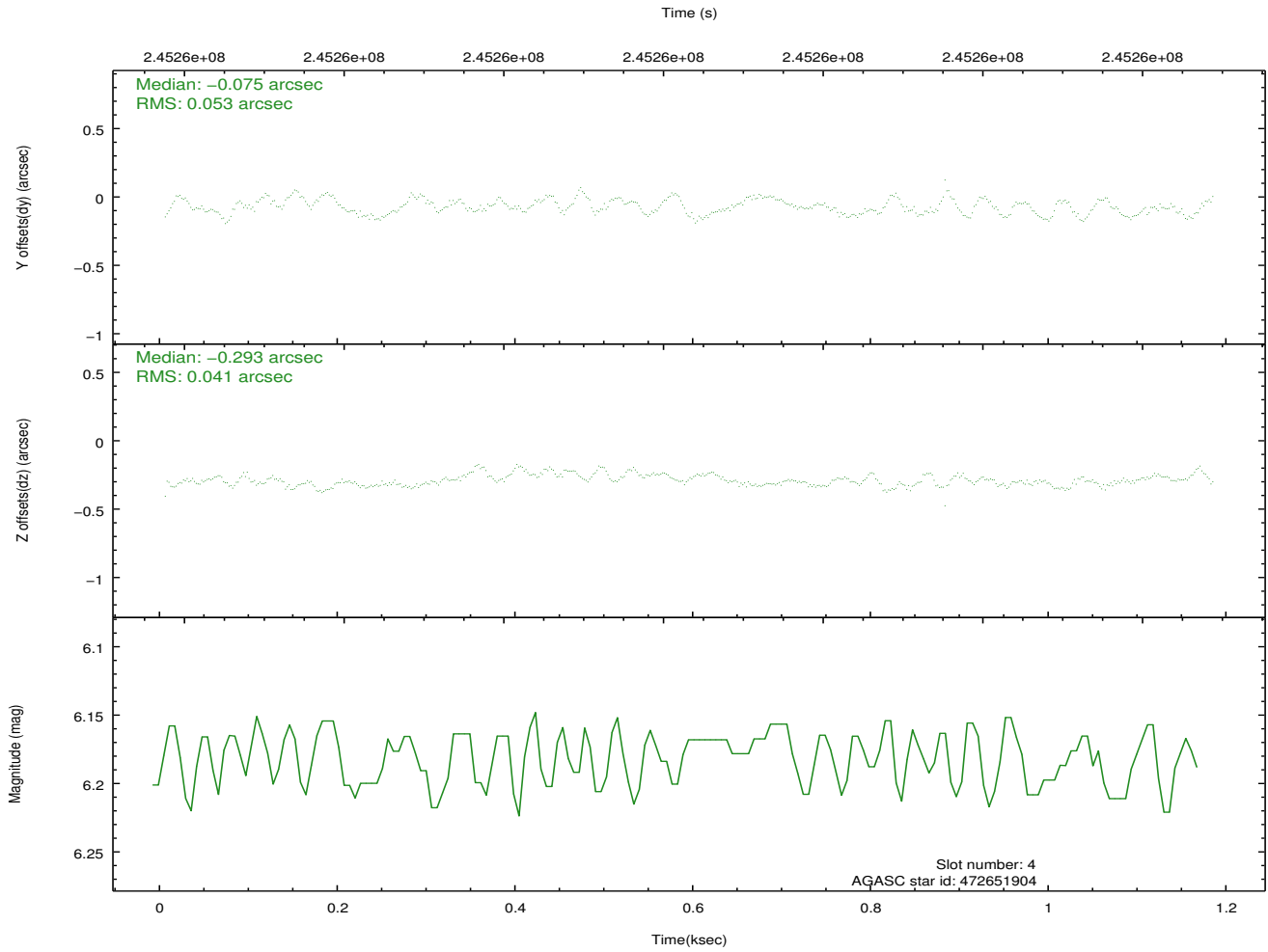
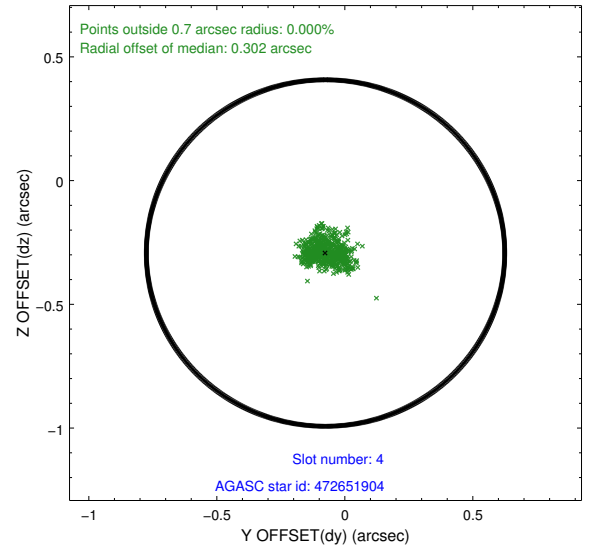
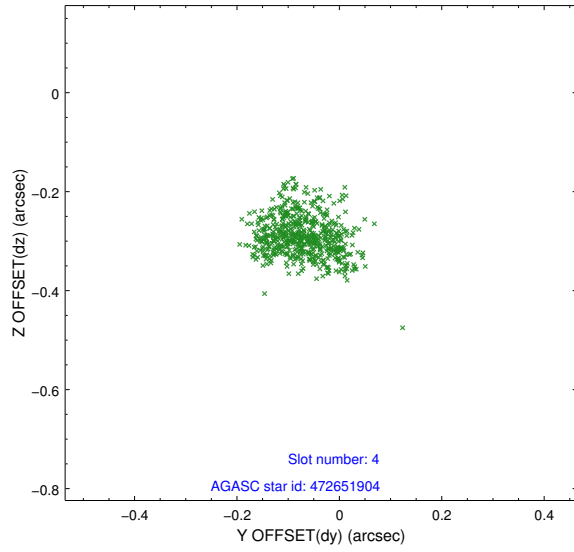
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	288	-0.040	-0.020	0.006	0.010	0.000000	0.000000	-763.61	-1297.32
1	FID	HRC-I-2	7.02	288	0.125	-0.060	0.007	0.011	0.000000	0.000000	846.54	-1303.53
2	FID	HRC-I-4	7.01	288	0.031	-0.012	0.005	0.010	0.000000	0.000000	1282.33	1000.21
3	GUIDE	472533912	9.15	575	-0.079	0.119	0.106	0.195	331.791136	46.368695	-941.83	-1972.49
4	GUIDE	472651904	6.18	576	-0.075	-0.293	0.073	0.110	332.170077	45.742257	426.93	49.07
5	GUIDE	472655152	9.43	576	0.124	0.022	0.093	0.148	332.504239	45.862991	-394.97	514.14
6	GUIDE	472665256	9.02	576	0.031	-0.043	0.076	0.119	332.808125	46.195041	-1812.48	485.08
7	GUIDE	472523760	8.26	575	-0.008	0.181	0.065	0.105	331.645363	45.403260	2170.07	-387.10

2.4 Star Slots

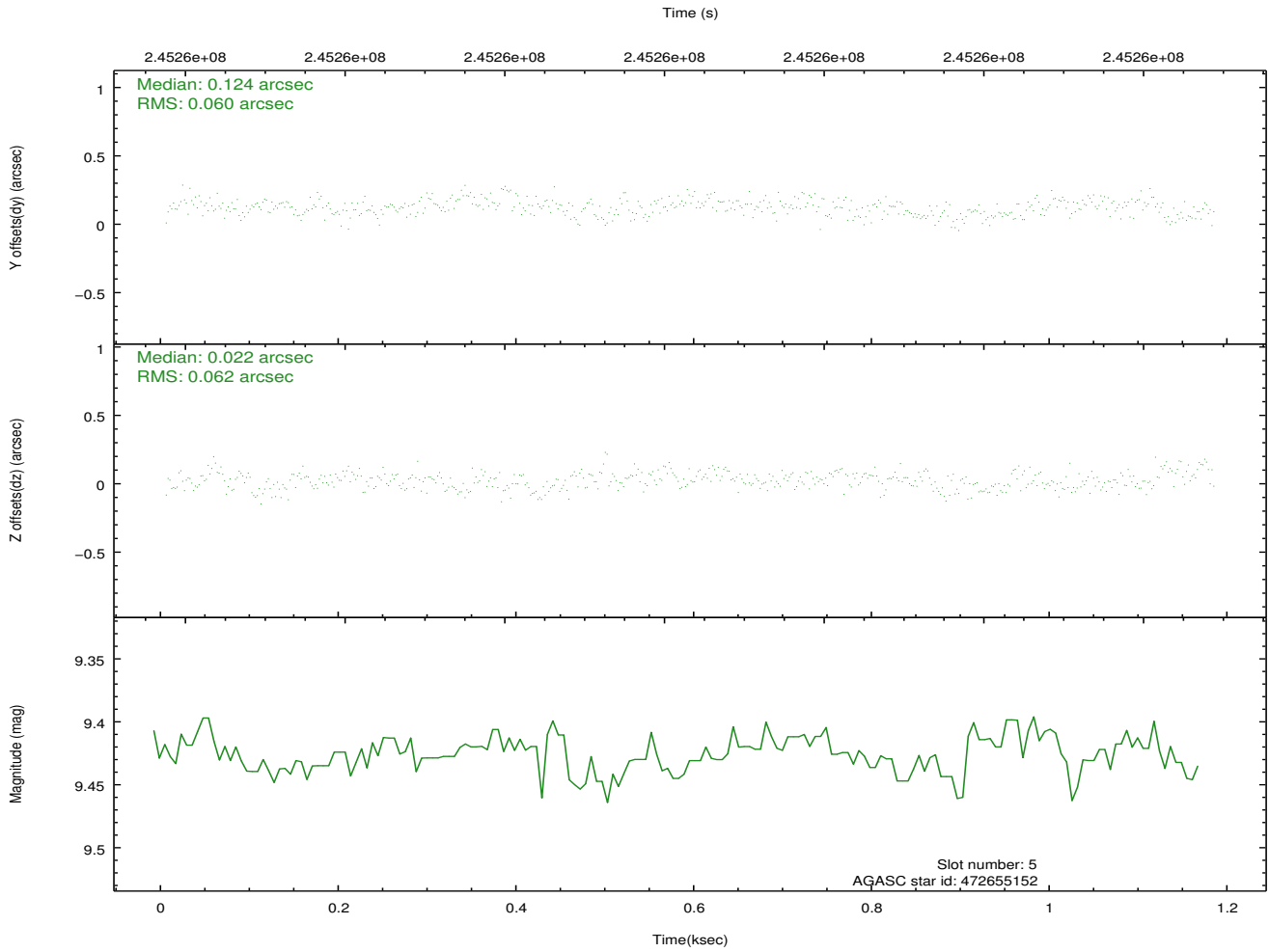
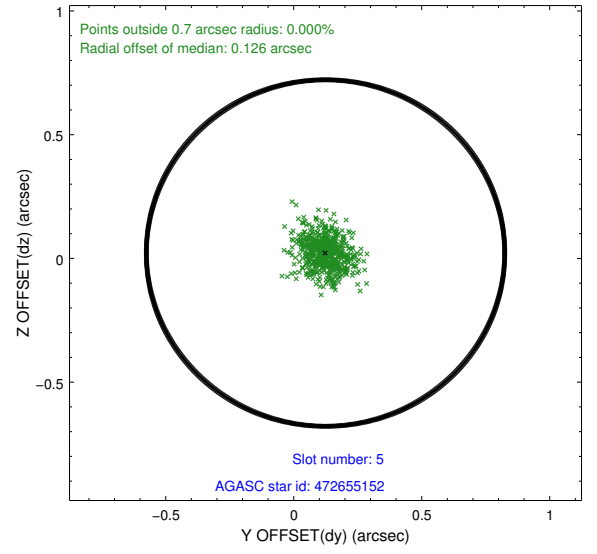
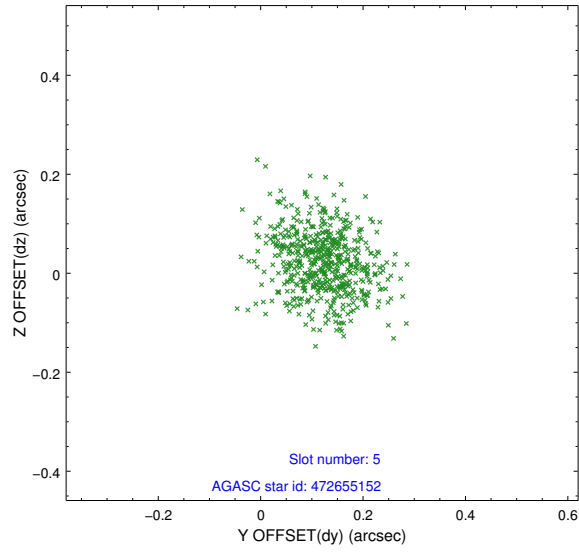
2.4.1 Slot 3



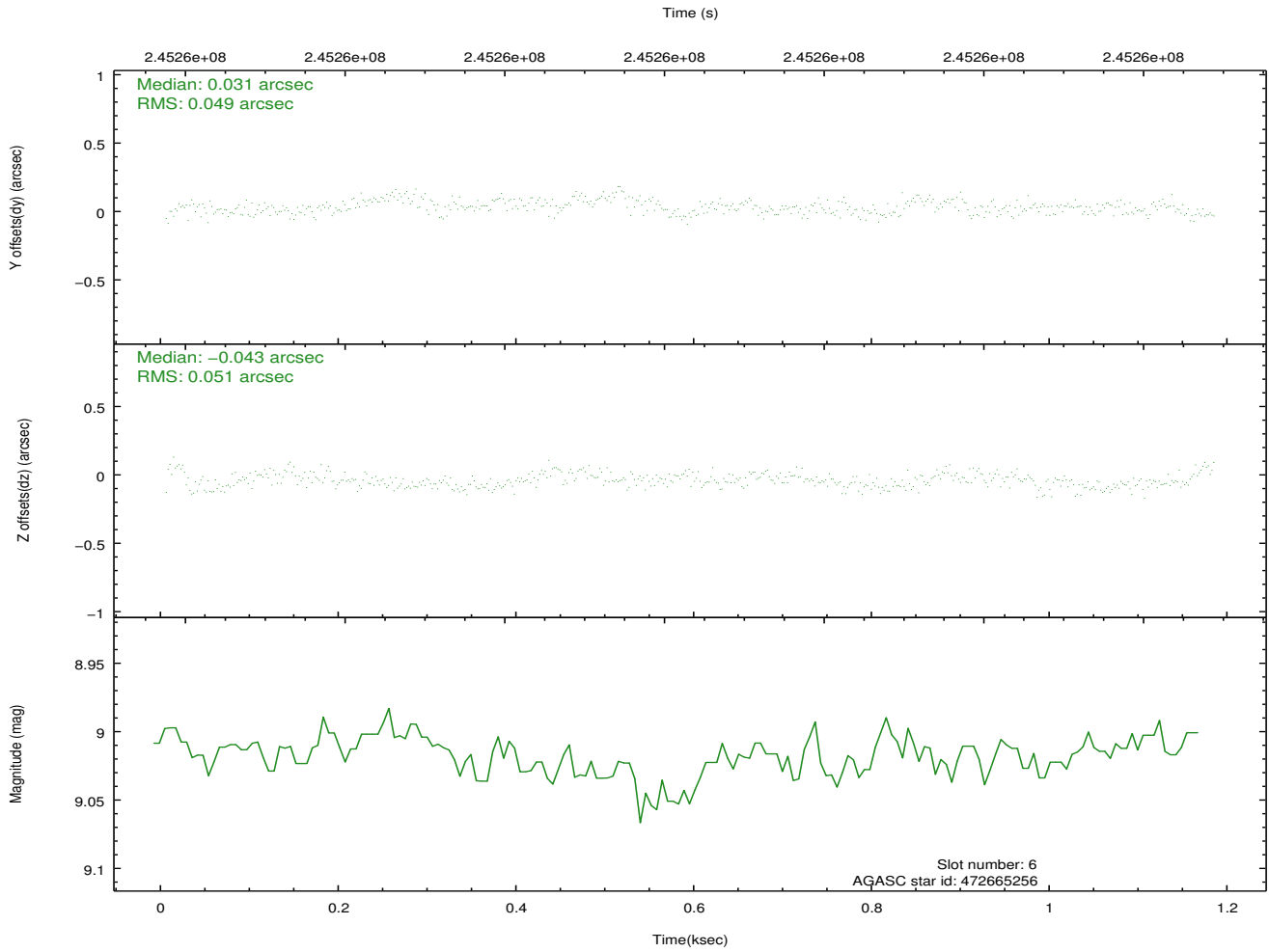
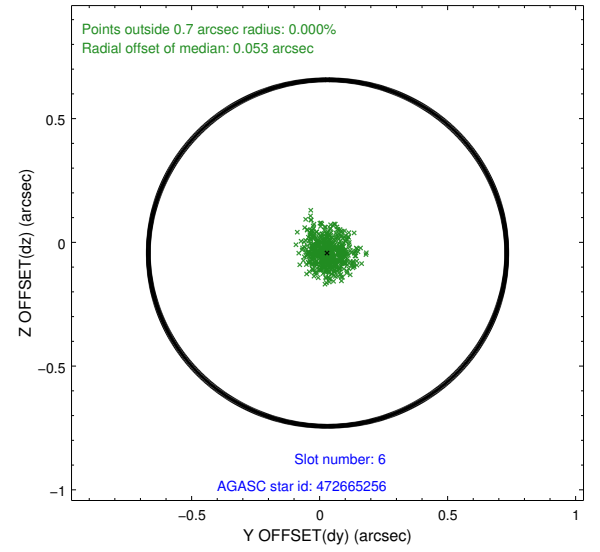
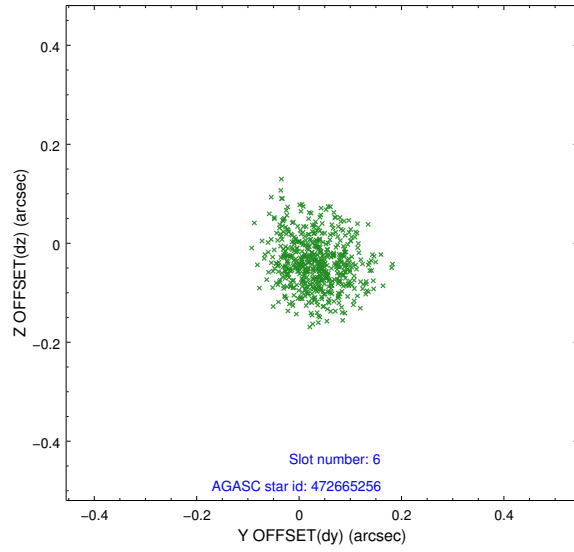
2.4.2 Slot 4



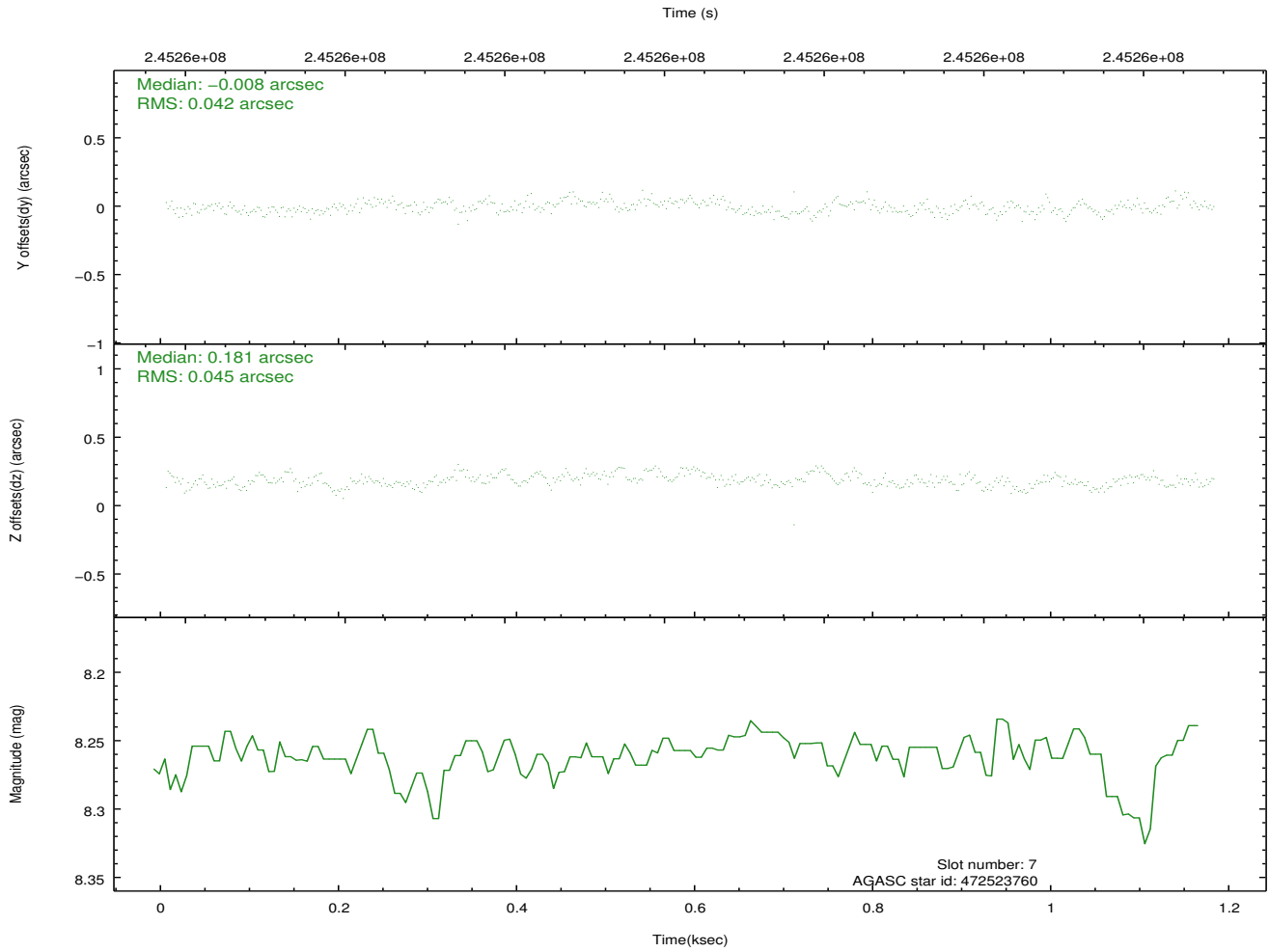
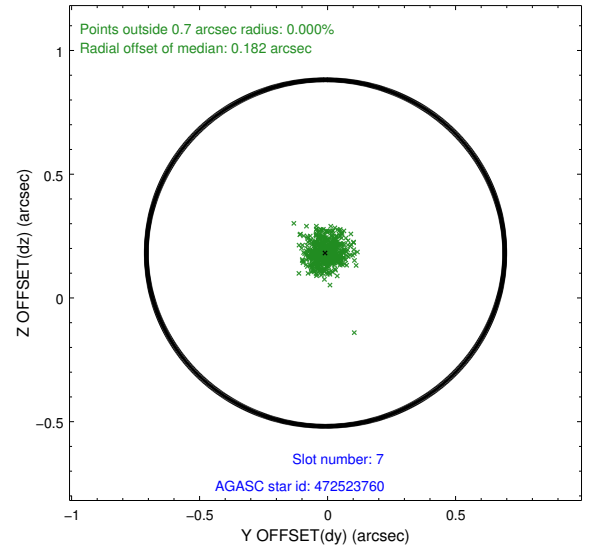
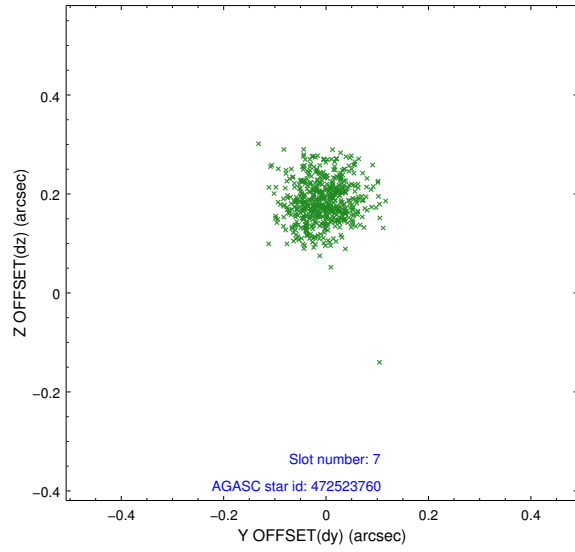
2.4.3 Slot 5



2.4.4 Slot 6

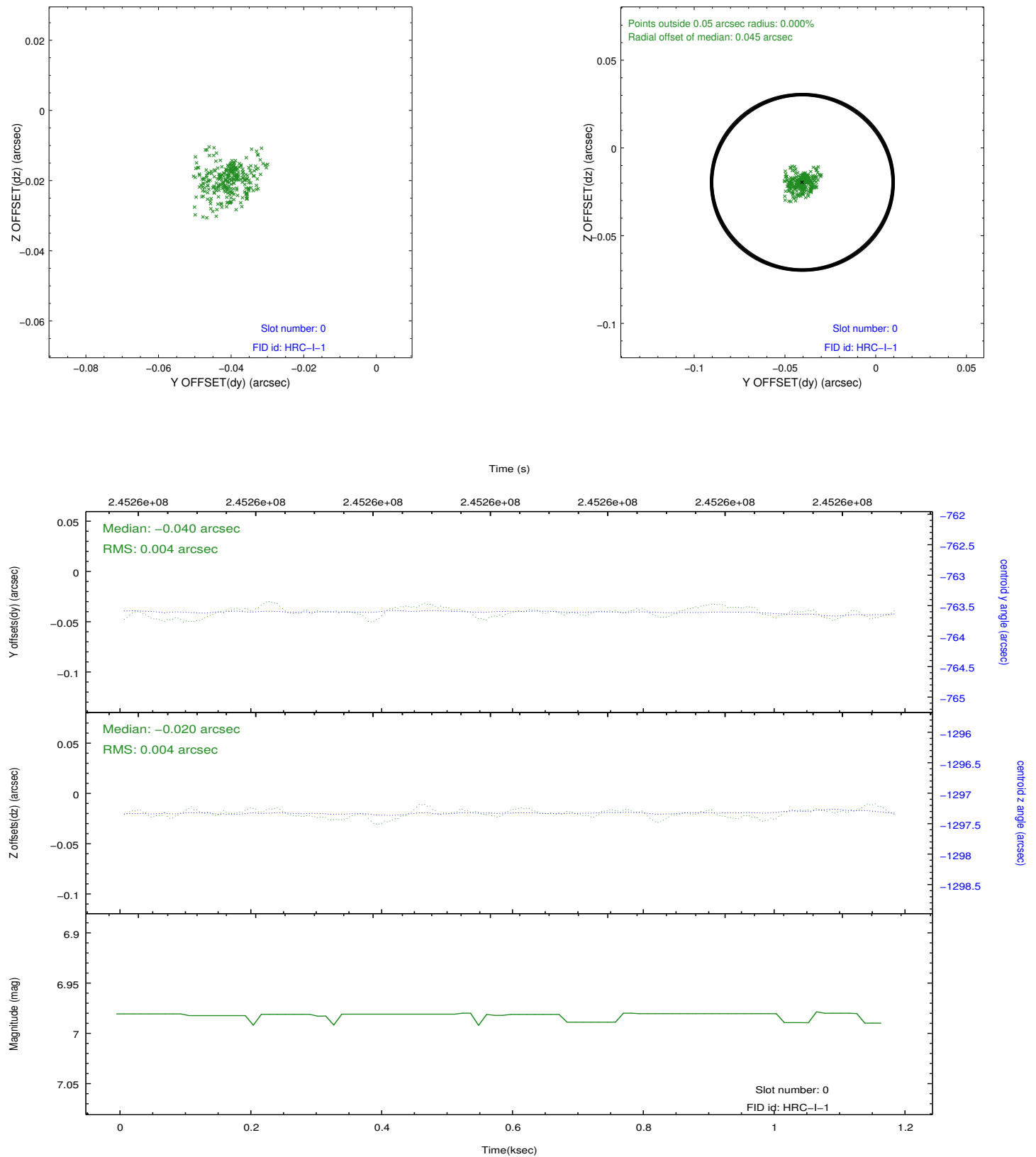


2.4.5 Slot 7

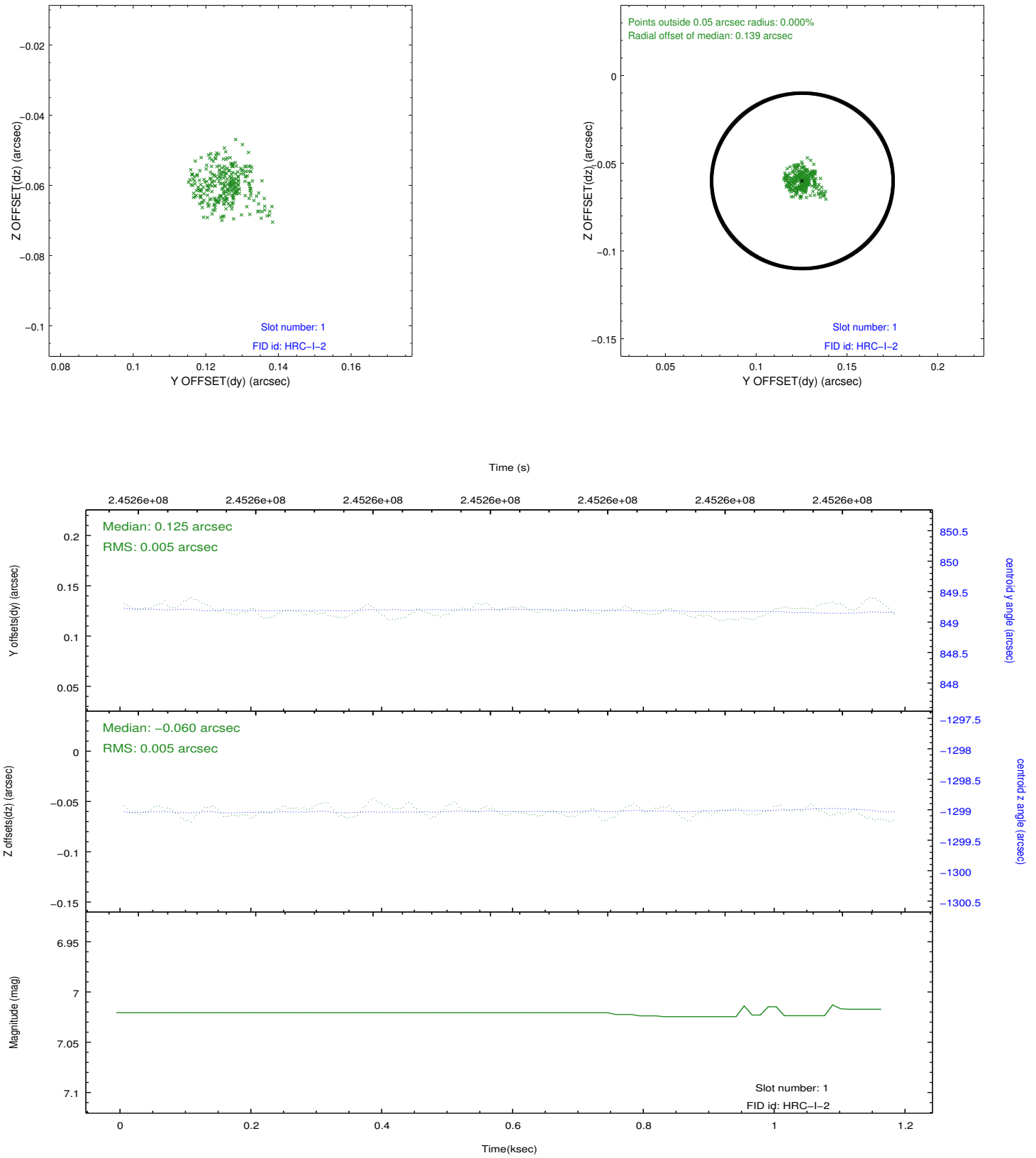


2.5 FID Slots

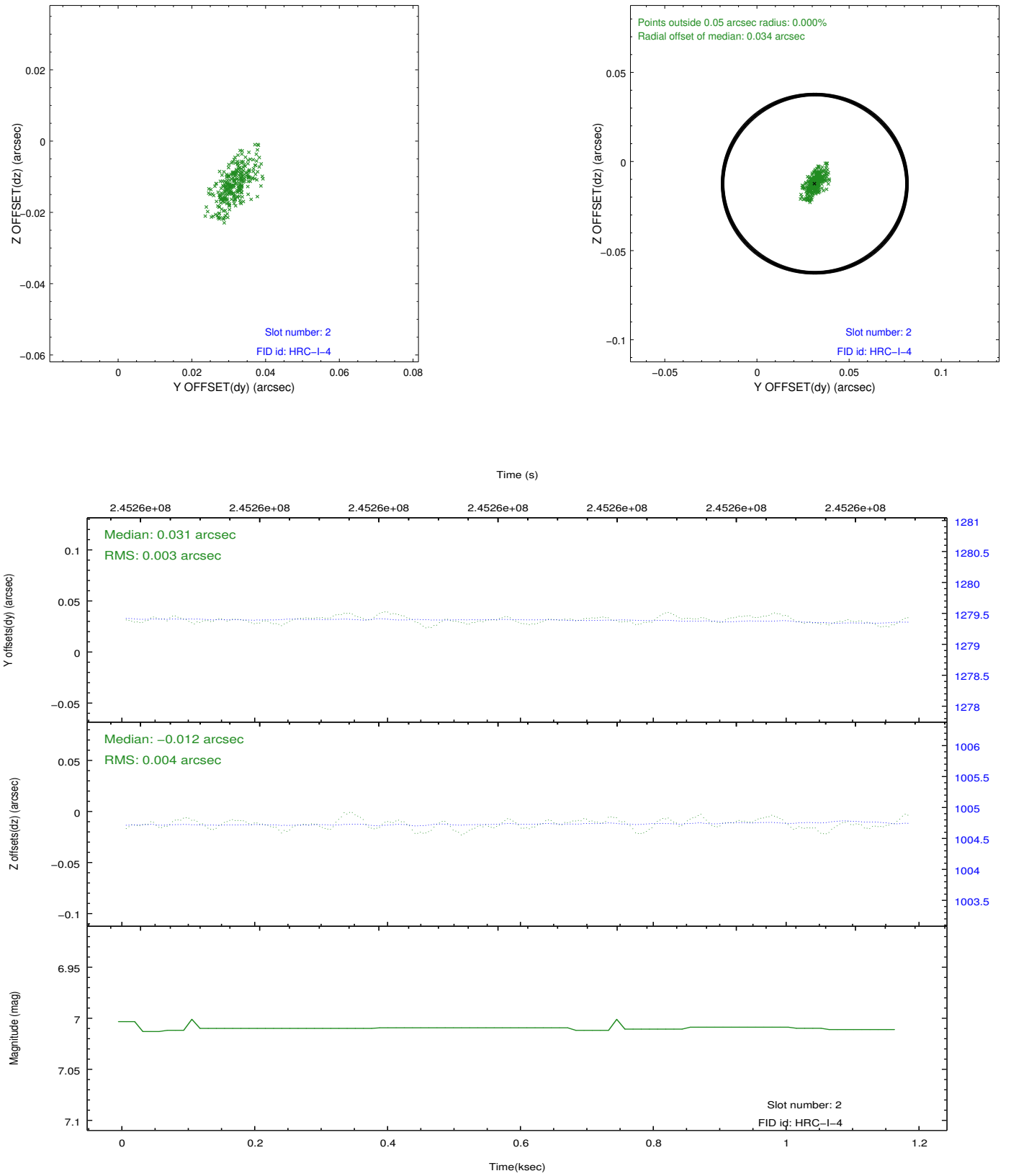
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.177981

A.2 Comments