

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5994 - L2 Version 4
Chandra X-Ray Center

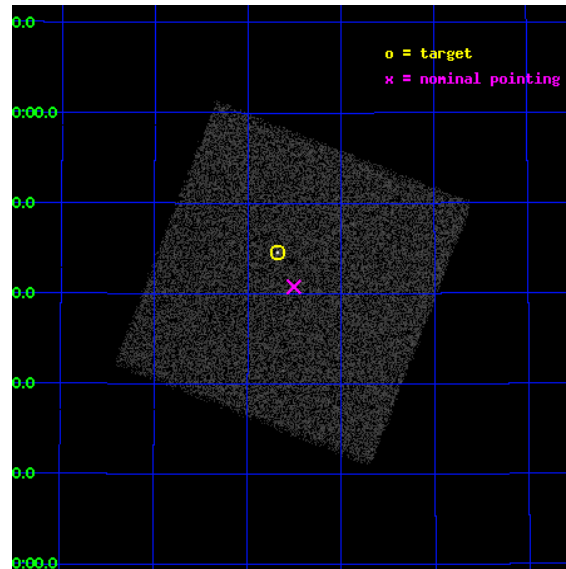
L2 Processing Date : Dec 30 2012

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1 Front

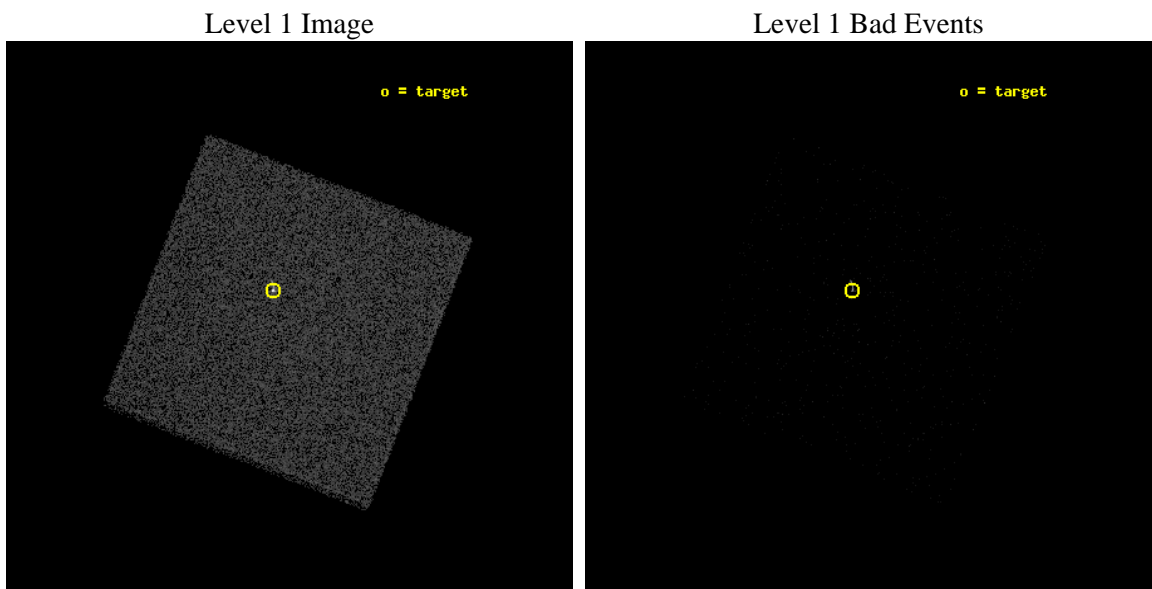
seq_num	290486	Sequence number
obs_id	5994	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1263235599	Nominal RA [deg]
dec_nom	45.679096503387	Nominal Dec [deg]
roll_nom	246.31581335588	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813044608	[s]
livetime	1173.2626270819	Ontime multiplied by DTCOR
l2events	49409	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	1182.0813044608	[s]
caldbver	4.5.5	 	l1events	131012	Number of level 1 events
date	2012-12-30T19:40:38	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

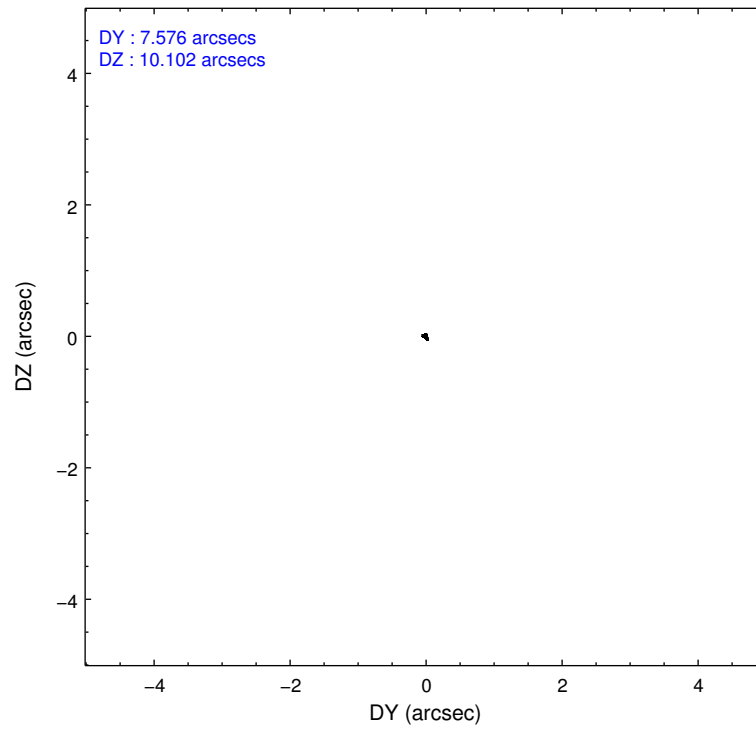
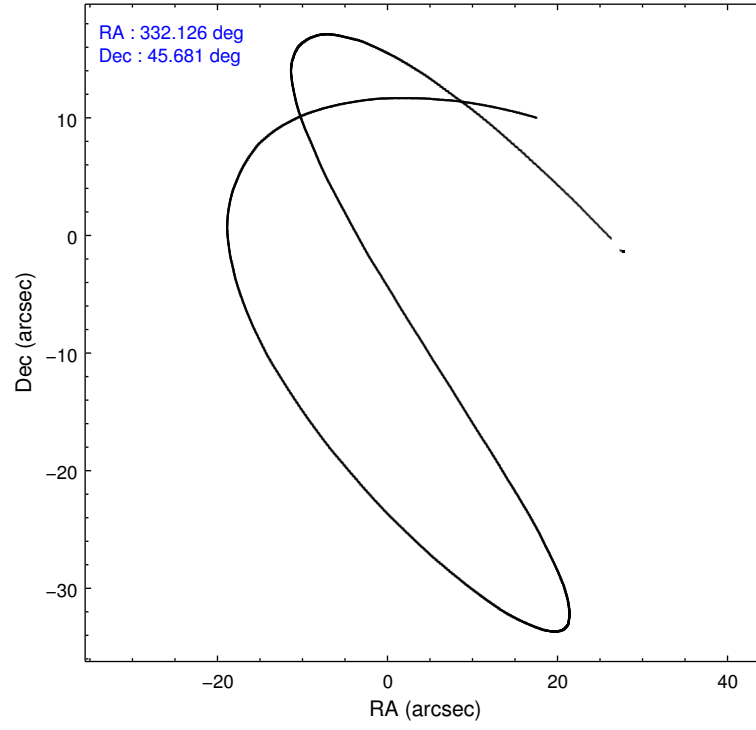
Level 1 Events

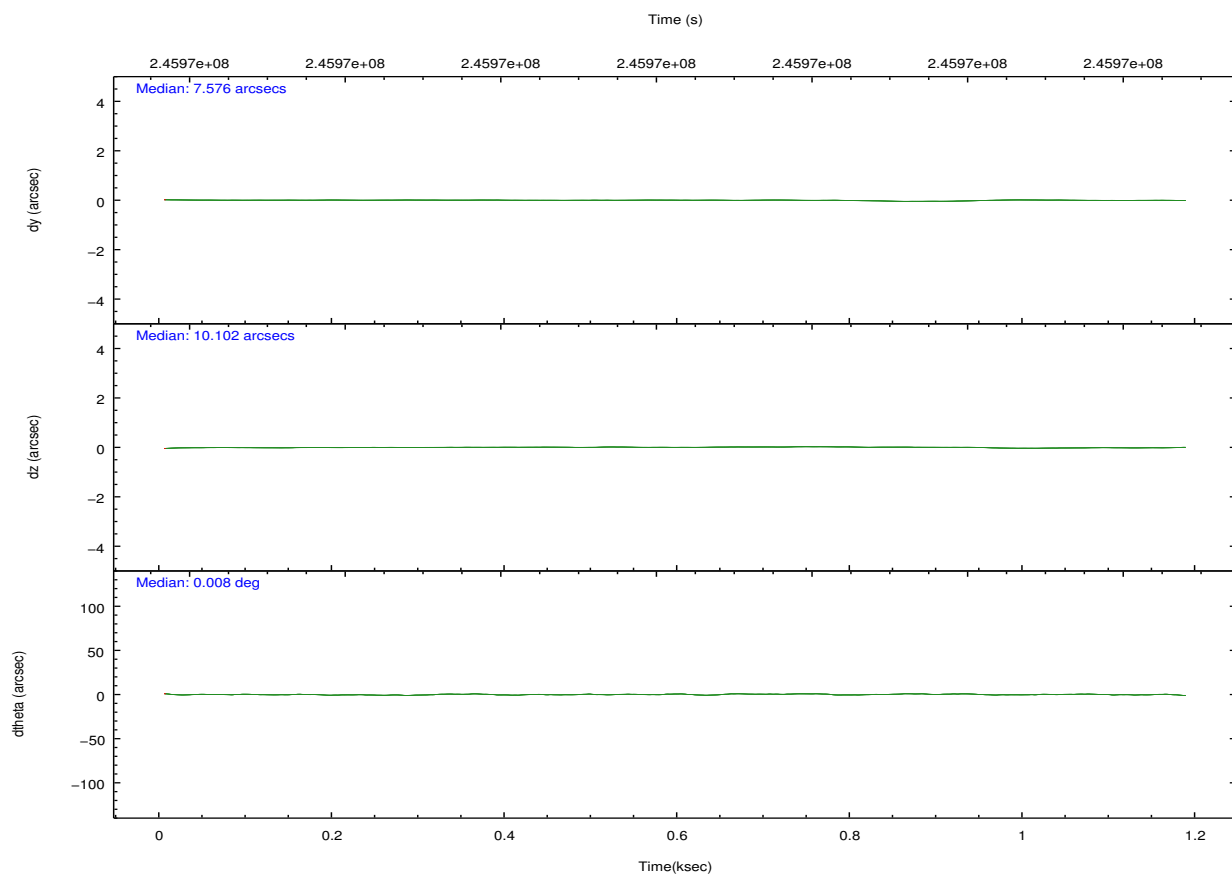
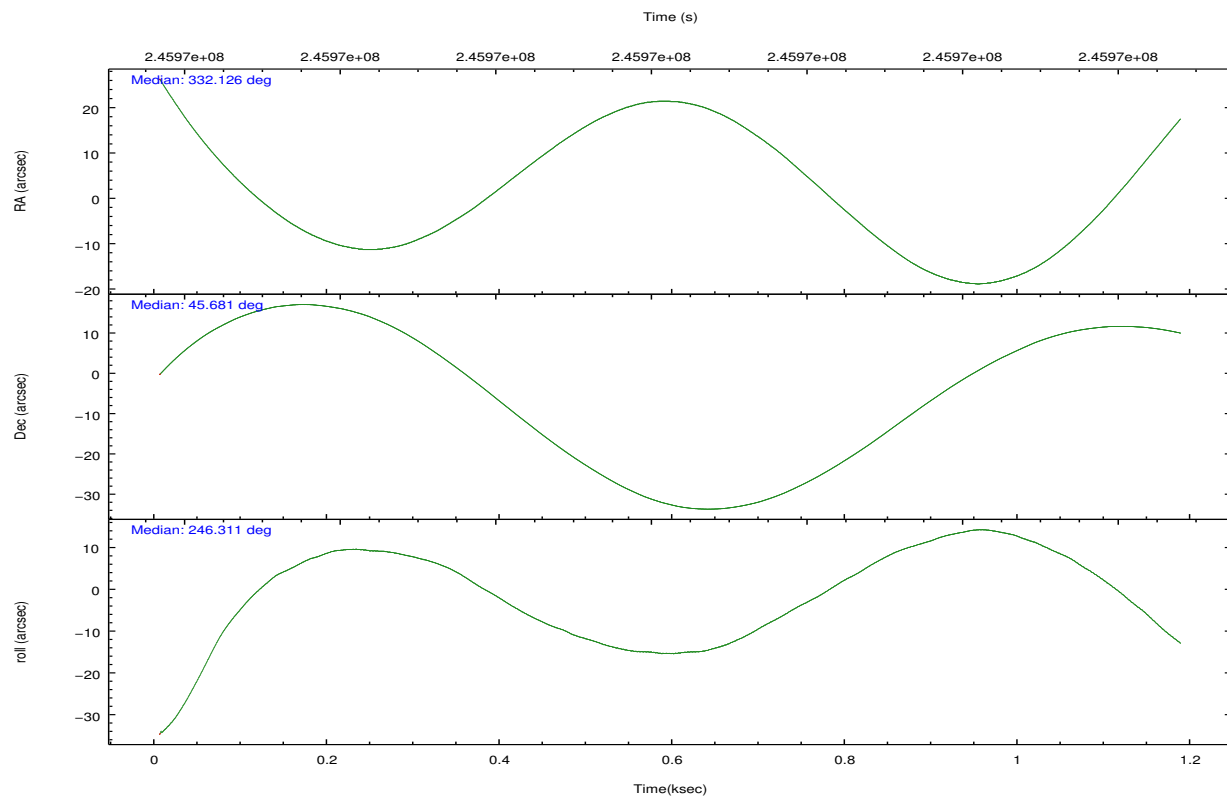
	segment 0
level 1 events	131012
rejected events	58945
rejected %	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.122287	332.1263235599014			
[deg] Pointing Dec	45.705205	45.67909650338738			
[deg] Pointing Roll	246.414319	246.3158133558807			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	245972621.184000	245971576.19118			
Observation start date	2005-10-17T21:42:37	2005-10-17T21:26:16			
[s] Observation end time (MET)	245973621.184000	245973755.34128			
Observation end date	2005-10-17T21:59:17	2005-10-17T22:02:35			

2.3 Aspect



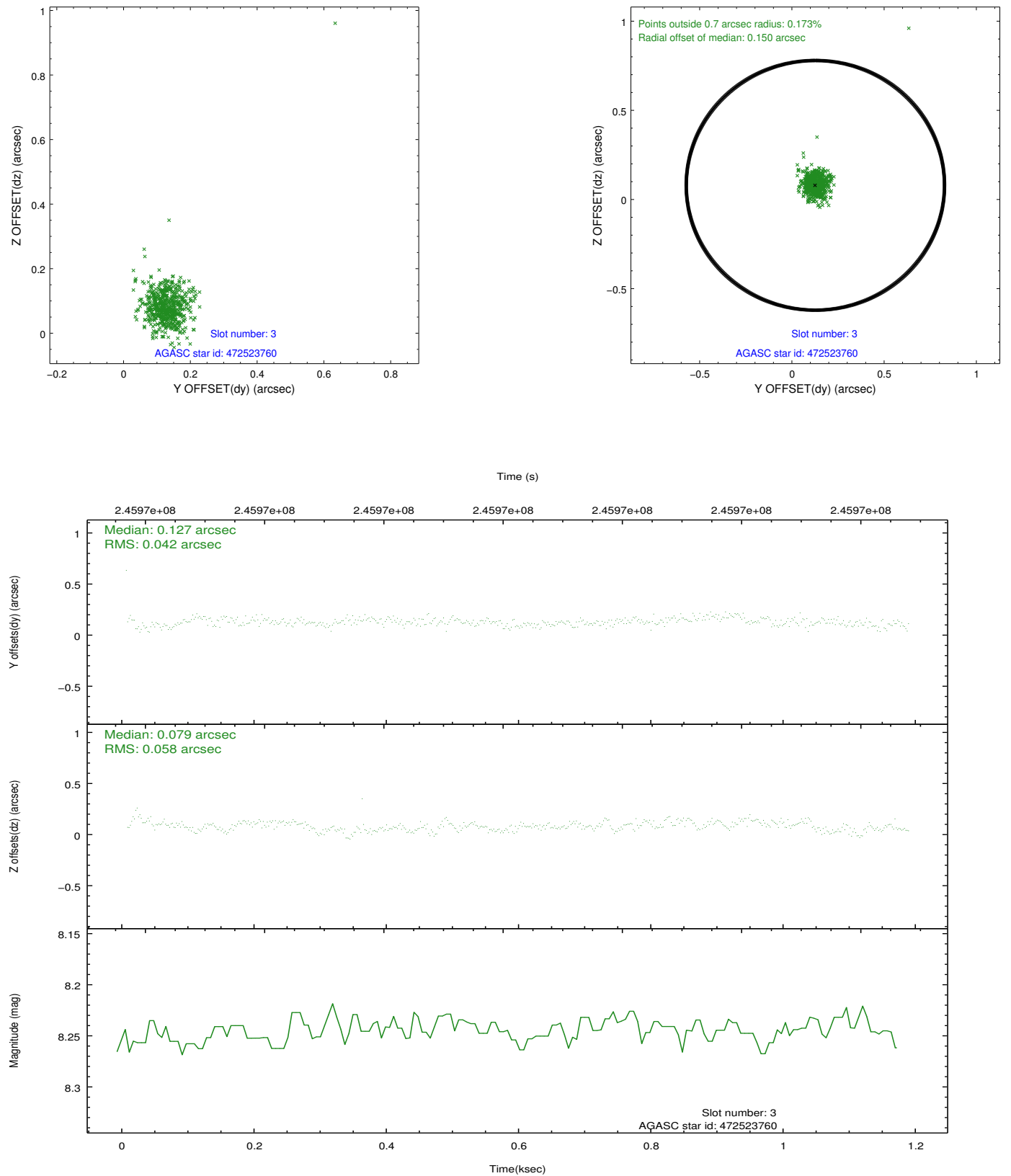


Slot Statistics

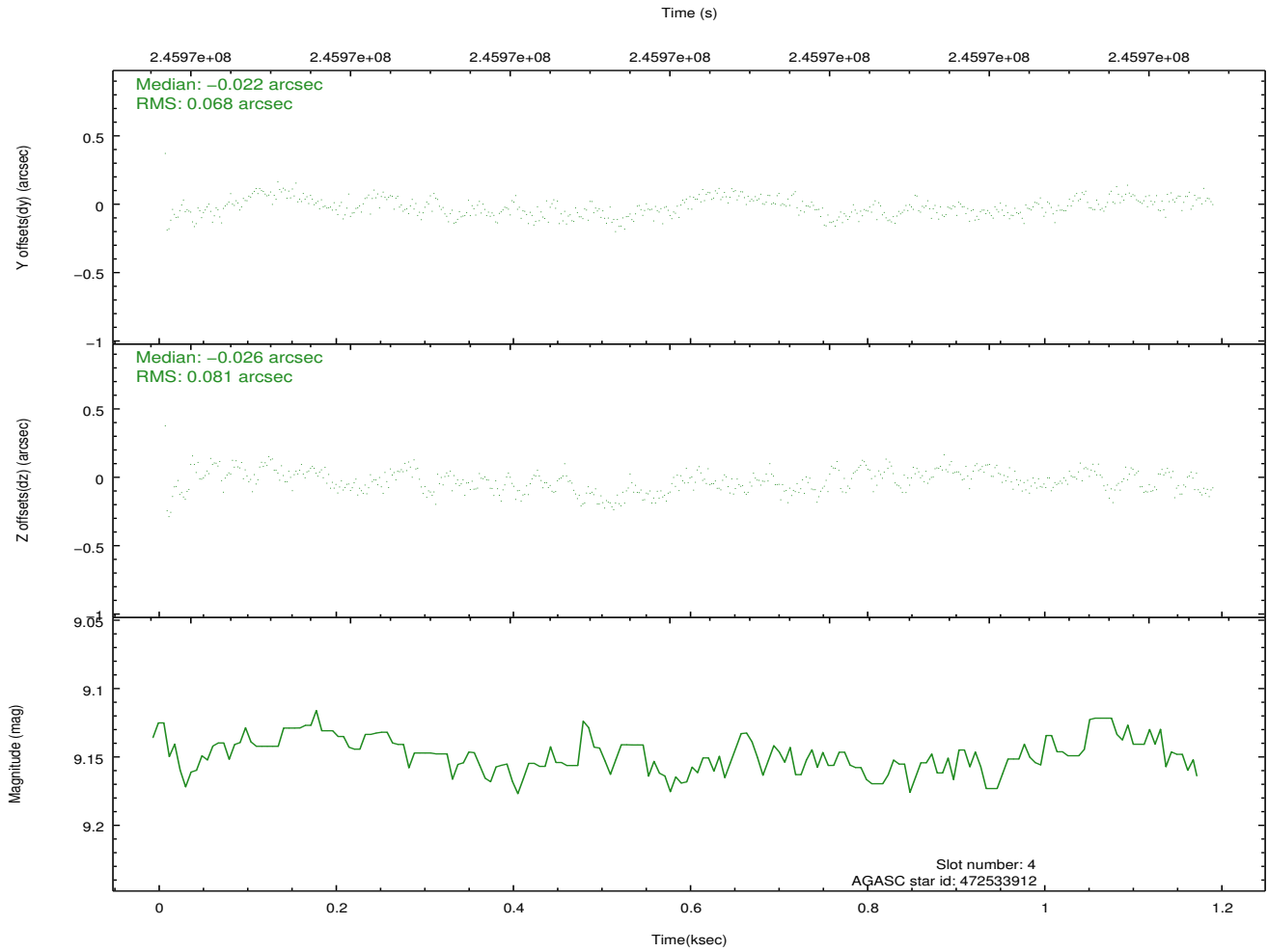
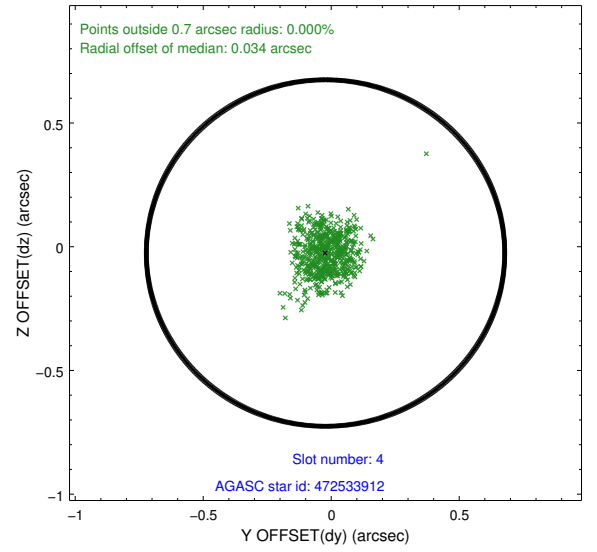
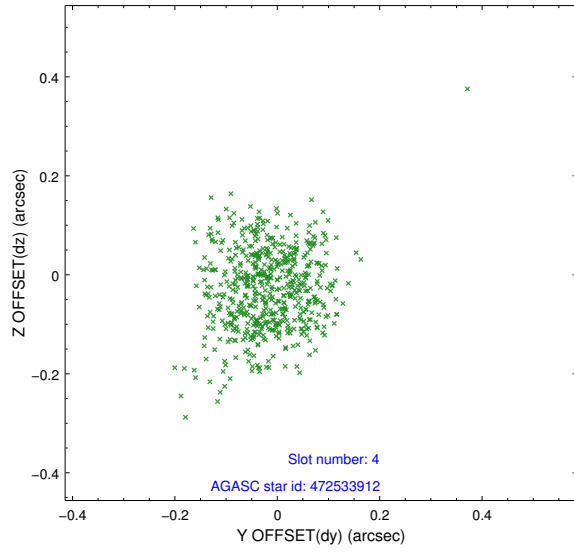
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	289	-0.038	0.017	0.007	0.012	0.000000	0.000000	-763.19	-1298.03
1	FID	HRC-I-2	7.05	289	0.143	-0.070	0.006	0.009	0.000000	0.000000	846.98	-1304.15
2	FID	HRC-I-3	7.11	289	0.014	-0.037	0.006	0.010	0.000000	0.000000	-1188.72	1001.97
3	GUIDE	472523760	8.25	577	0.127	0.079	0.060	0.100	331.645363	45.403260	1477.21	-667.13
4	GUIDE	472533912	9.15	578	-0.022	-0.026	0.110	0.170	331.791136	46.368695	-1857.11	-1707.68
5	GUIDE	472655152	9.42	578	0.035	0.007	0.112	0.178	332.504239	45.862991	-907.30	650.39
6	GUIDE	472535576	7.85	573	-0.157	0.057	0.061	0.101	331.438373	46.291802	-1261.34	-2401.99
7	GUIDE	472665256	9.02	577	0.013	-0.110	0.076	0.134	332.808125	46.195041	-2307.25	857.35

2.4 Star Slots

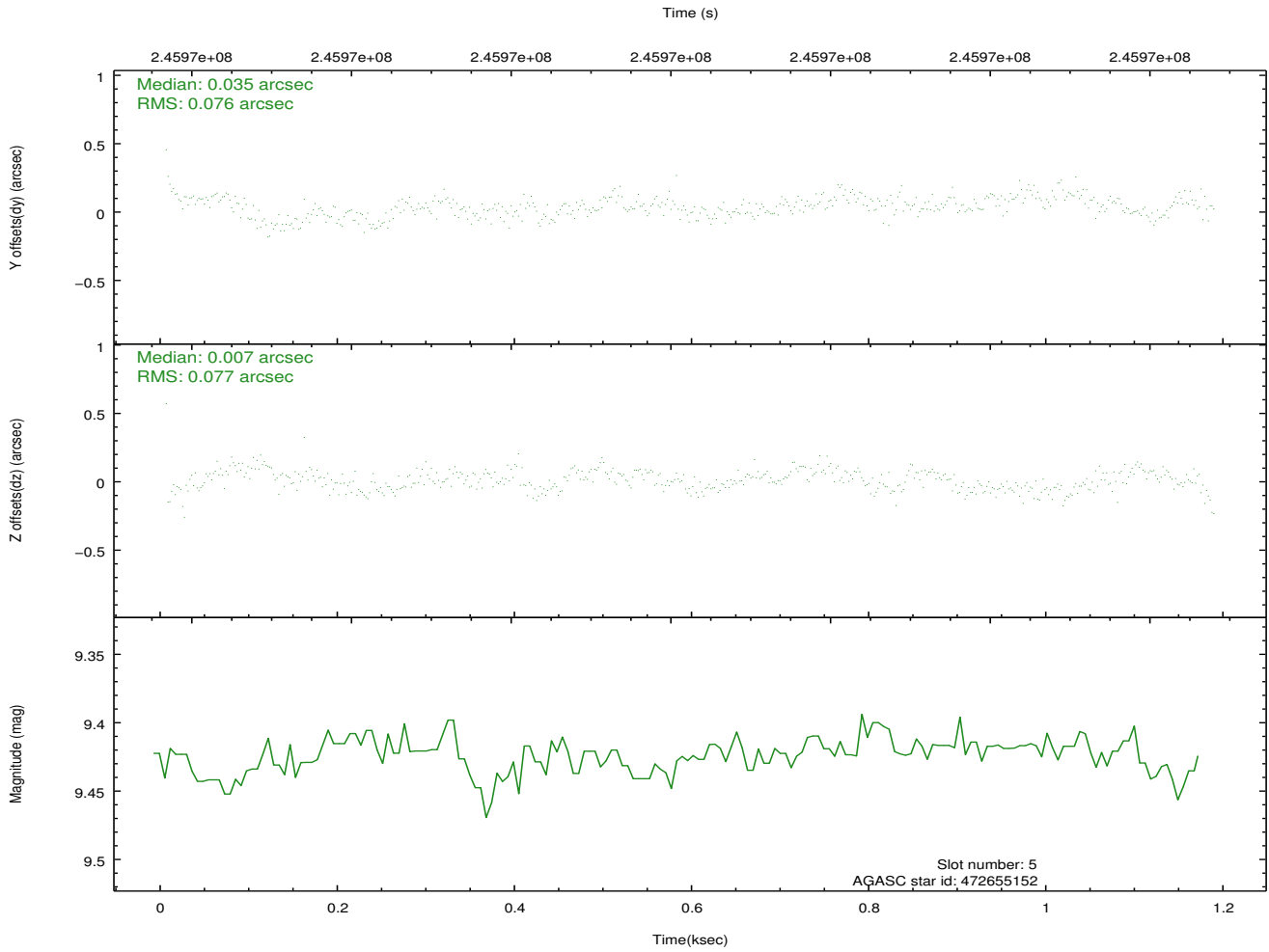
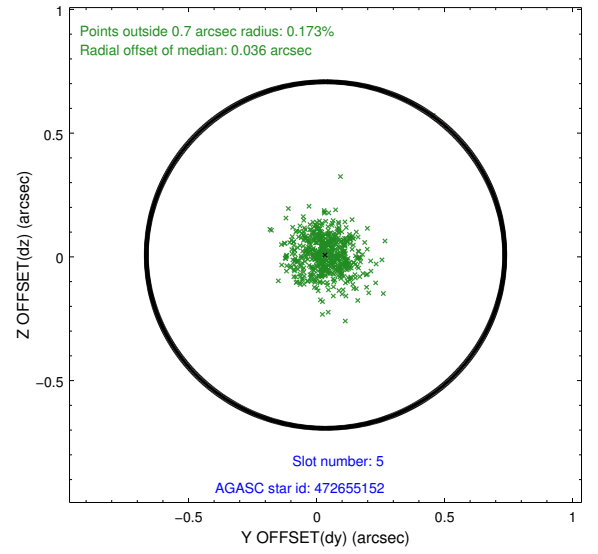
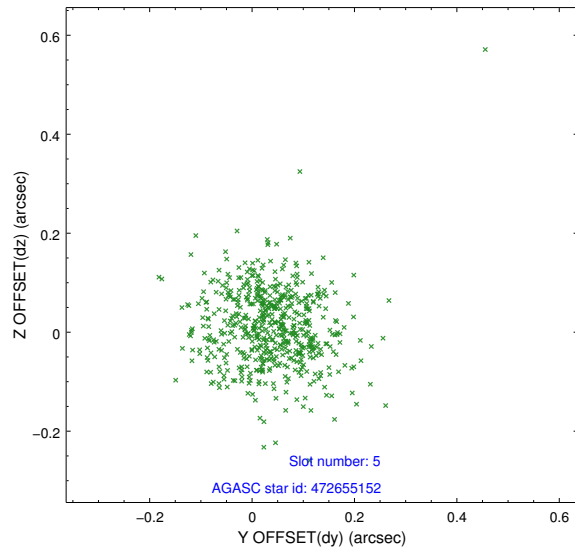
2.4.1 Slot 3



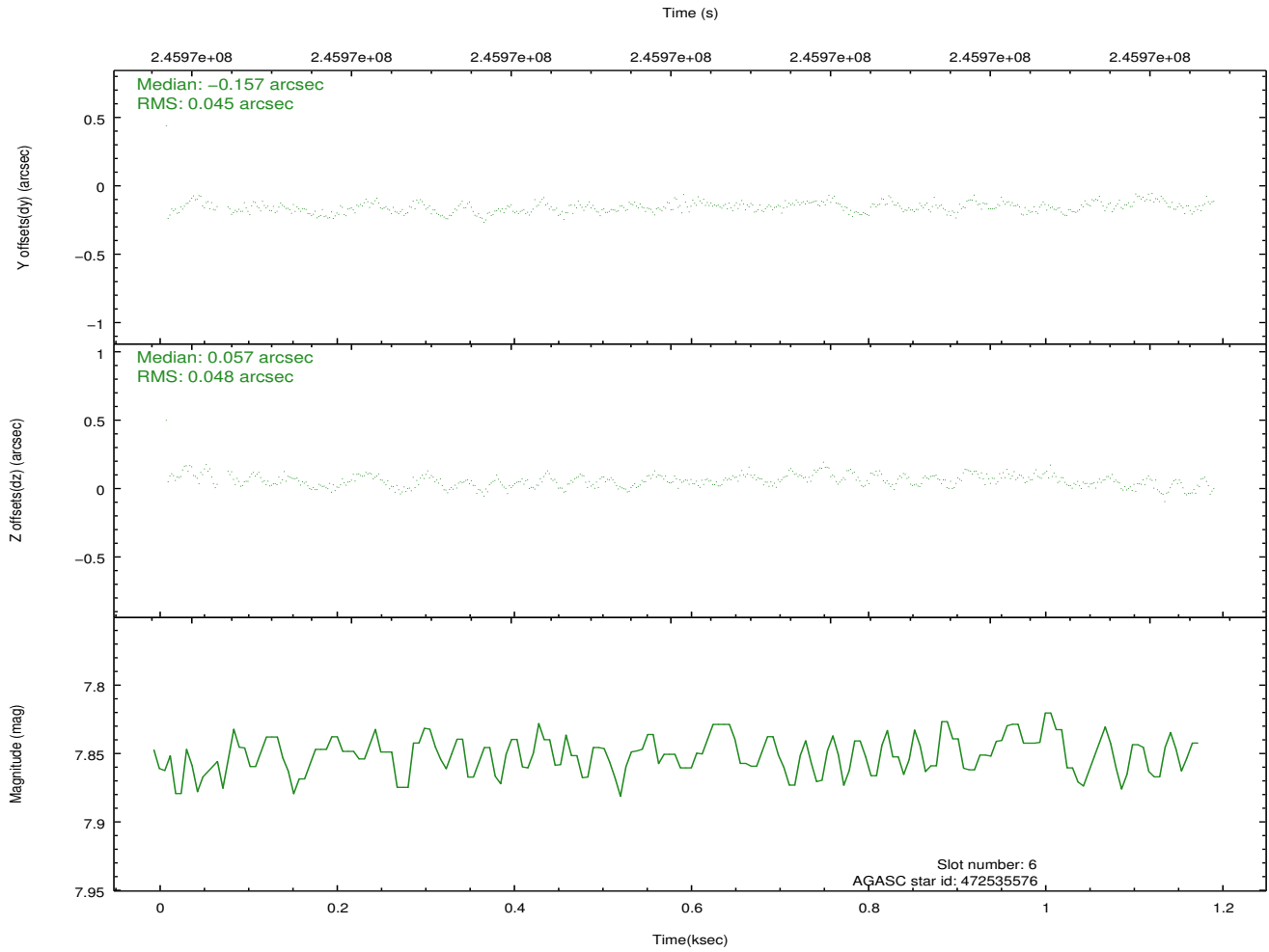
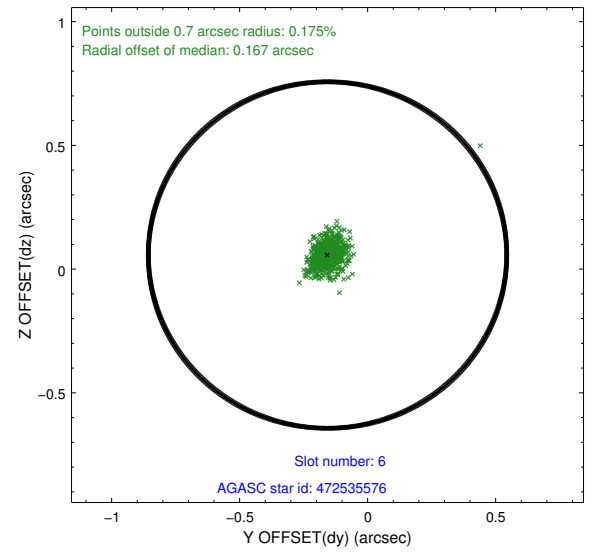
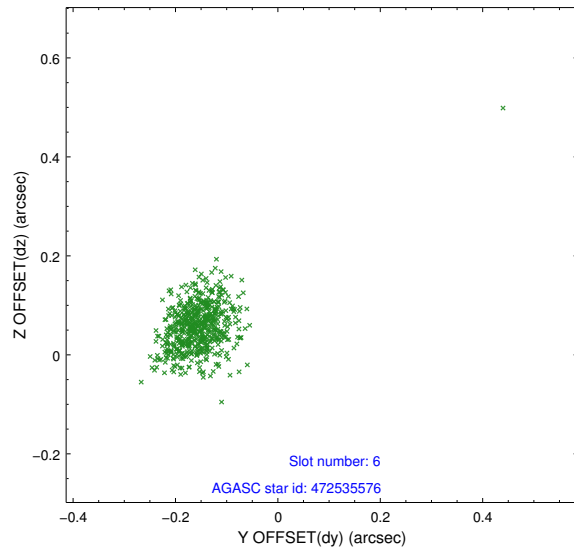
2.4.2 Slot 4



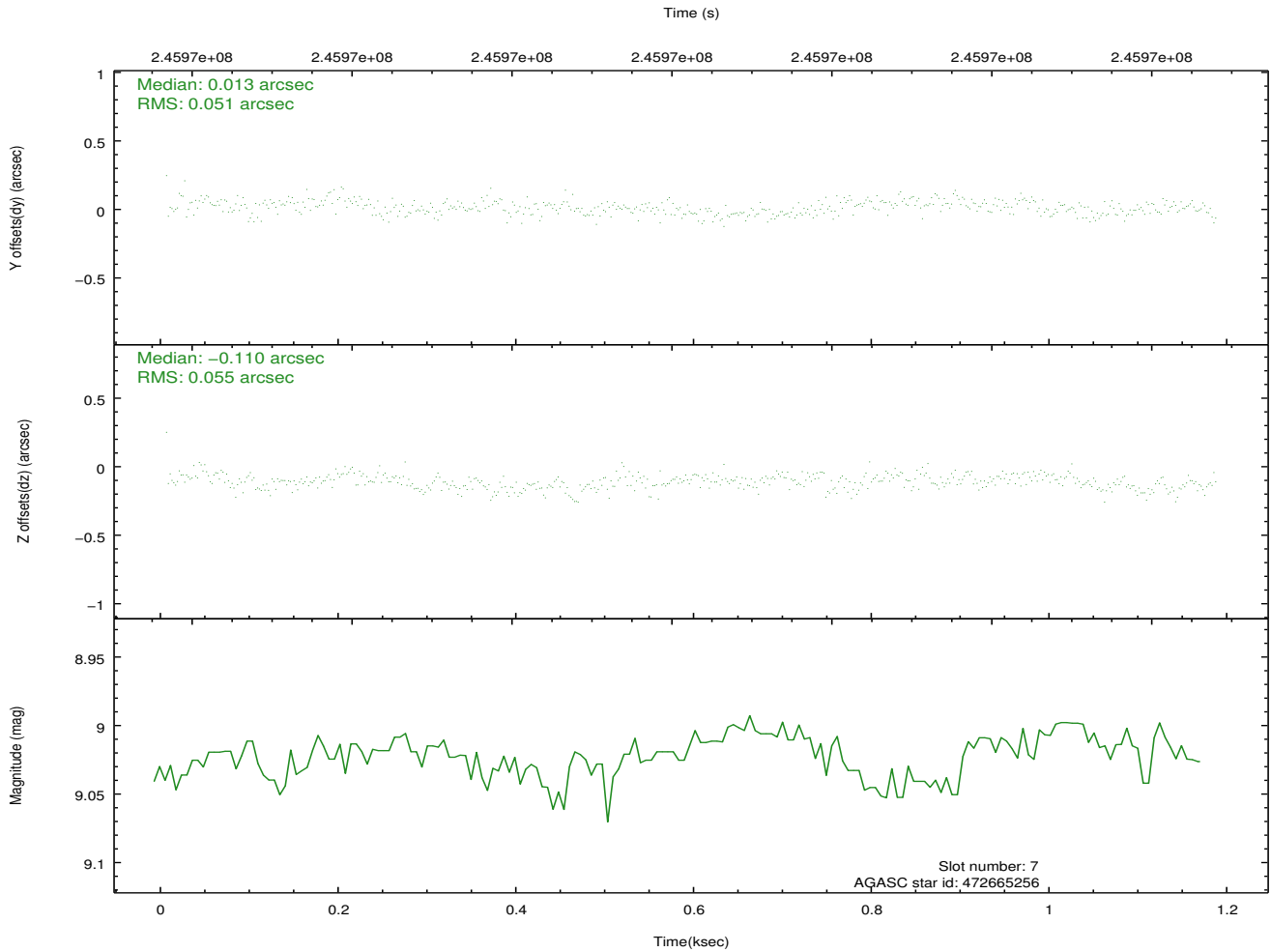
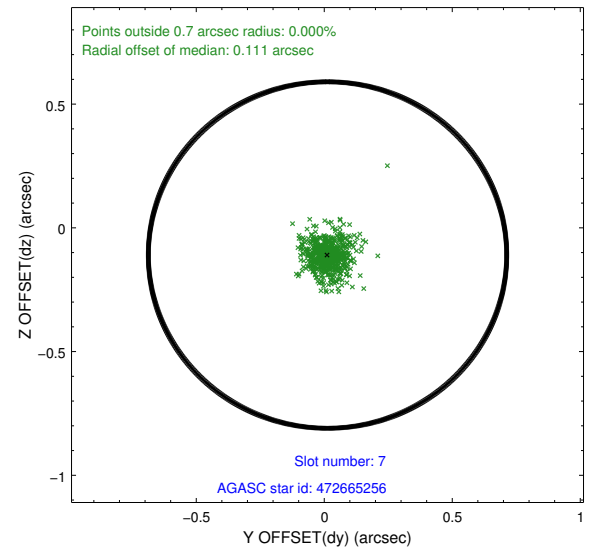
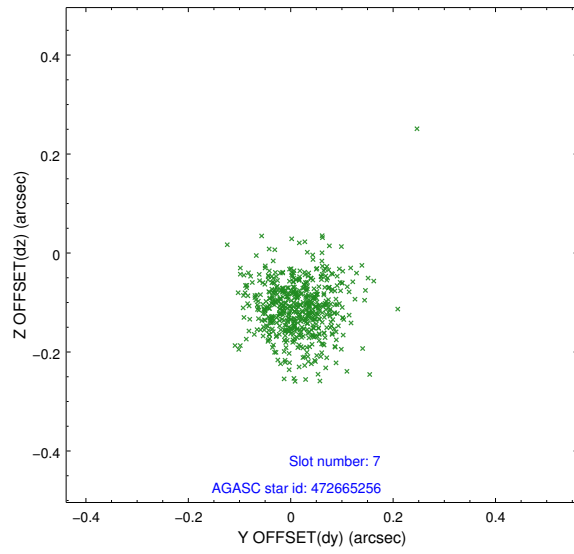
2.4.3 Slot 5



2.4.4 Slot 6

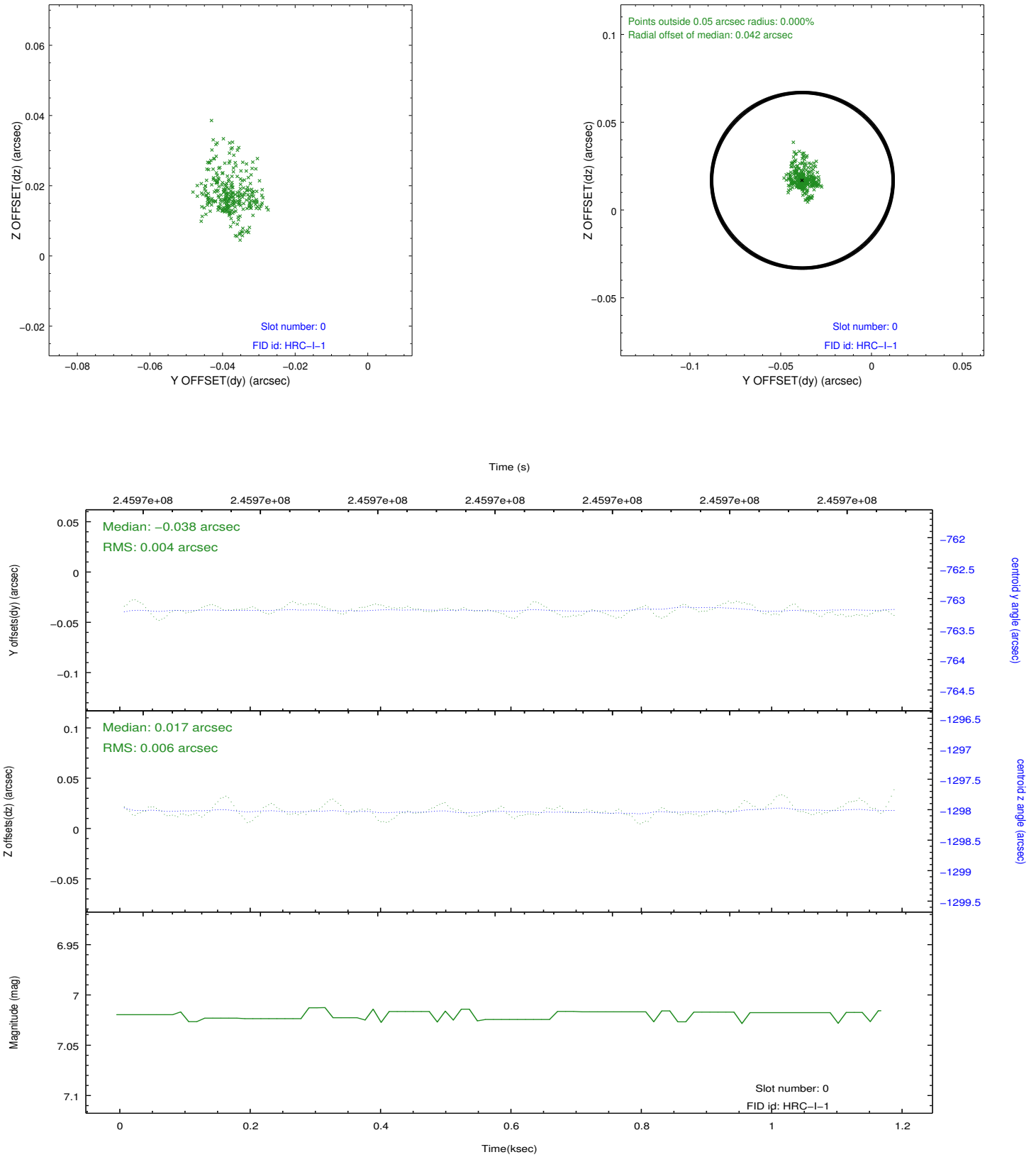


2.4.5 Slot 7

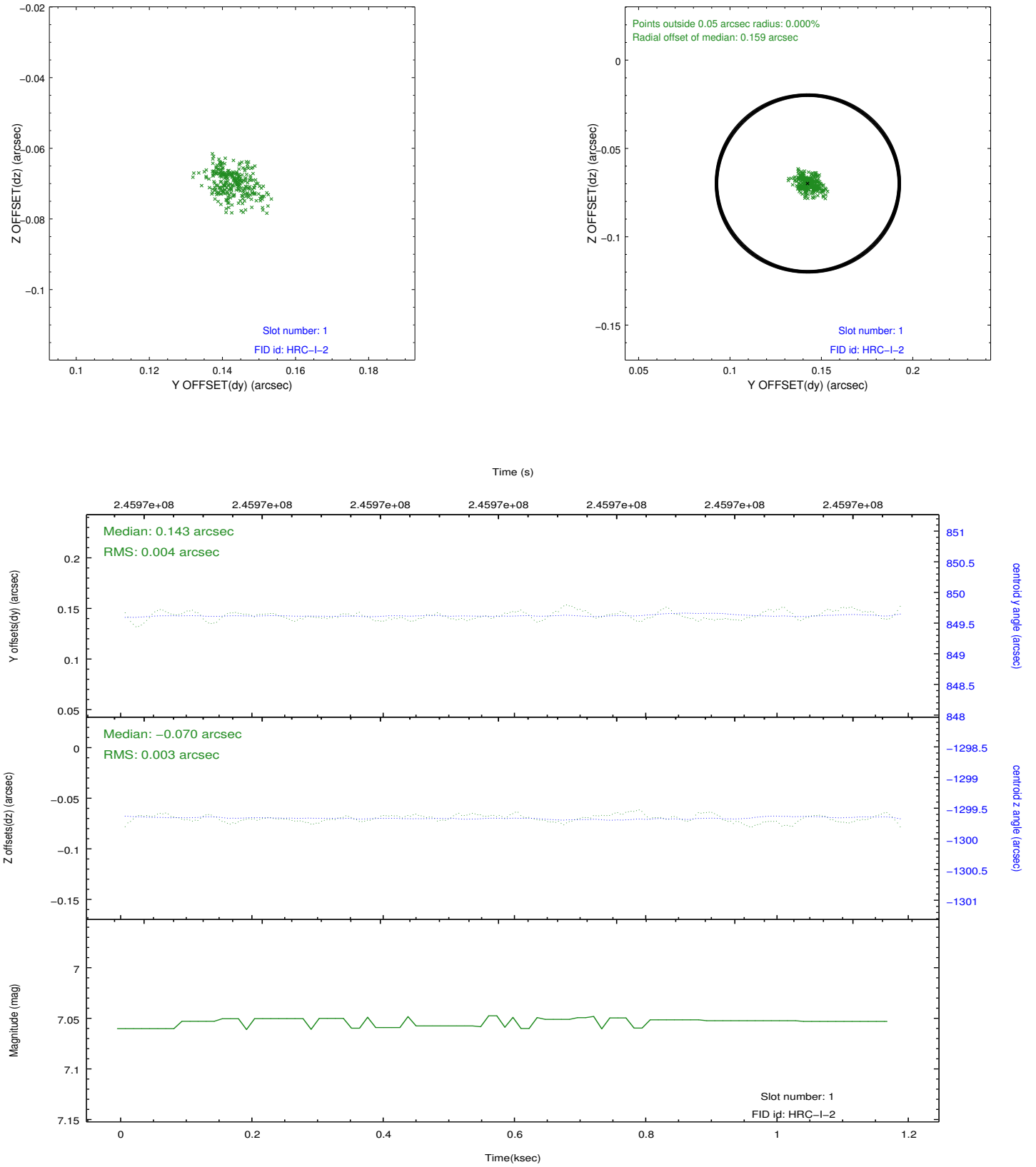


2.5 FID Slots

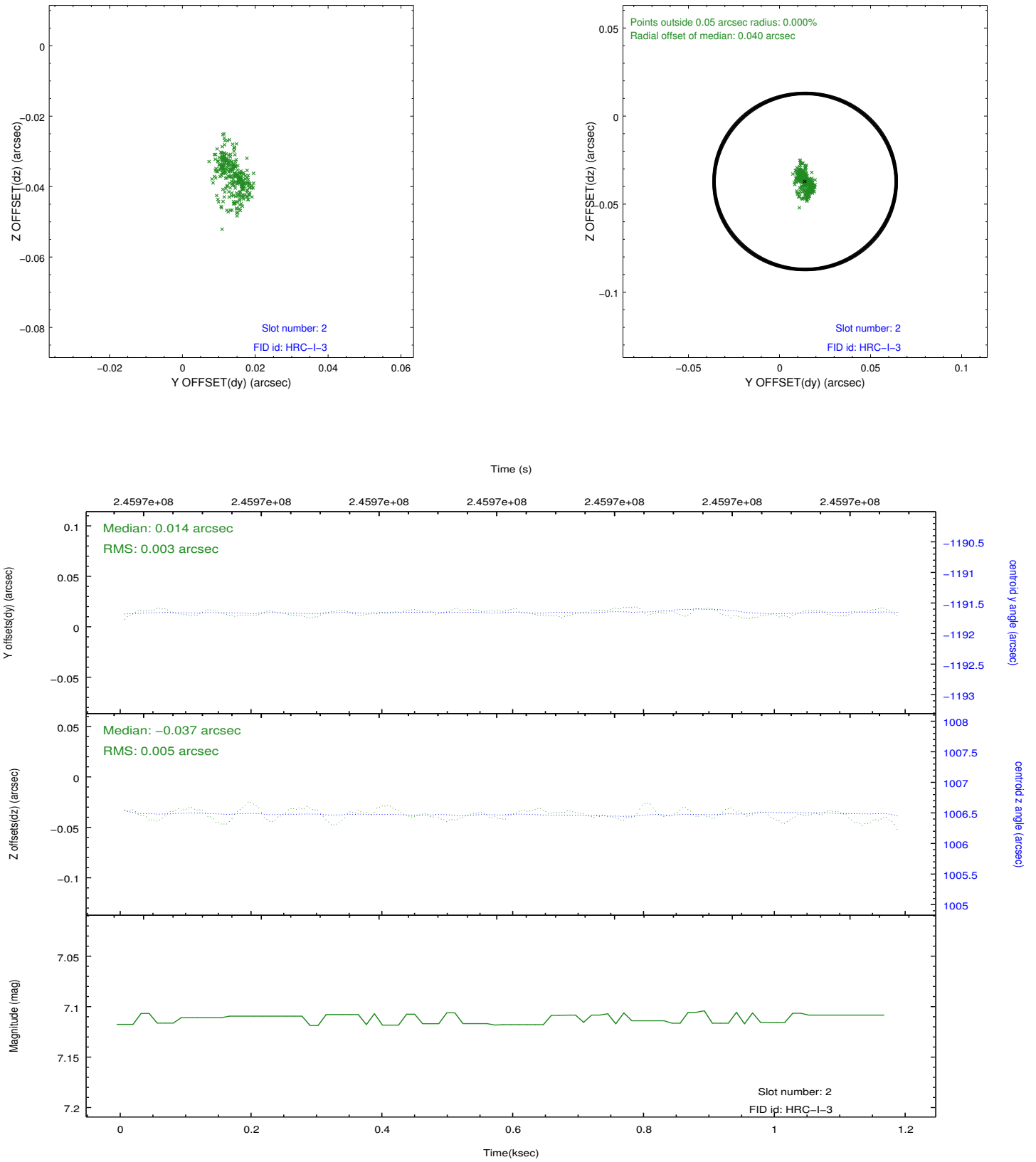
2.5.1 Slot 0



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	1.182081

A.2 Comments