

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5995 - L2 Version 4
Chandra X-Ray Center

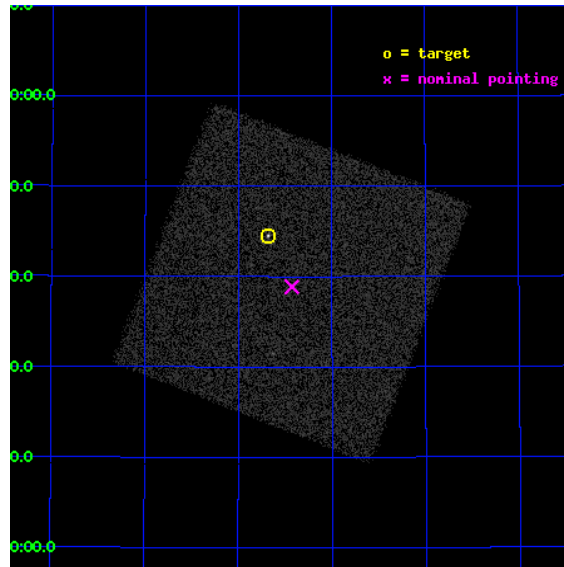
L2 Processing Date : Dec 30 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

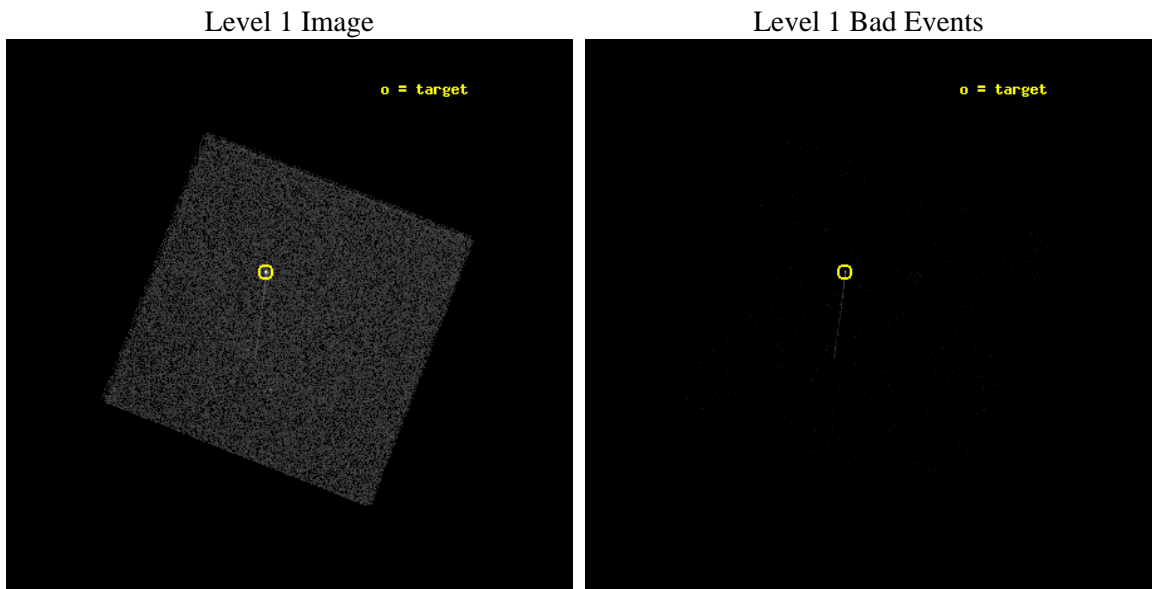
seq_num	290487	Sequence number
obs_id	5995	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.10704165995	Nominal RA [deg]
dec_nom	45.647976471639	Nominal Dec [deg]
roll_nom	246.38773327491	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1180.0313043594	[s]
livetime	1171.1493817347	Ontime multiplied by DTCOR
l2events	50214	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	1180.0313043594	[s]
caldbver	4.5.5	 	l1events	93638	Number of level 1 events
date	2012-12-30T19:40:19	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

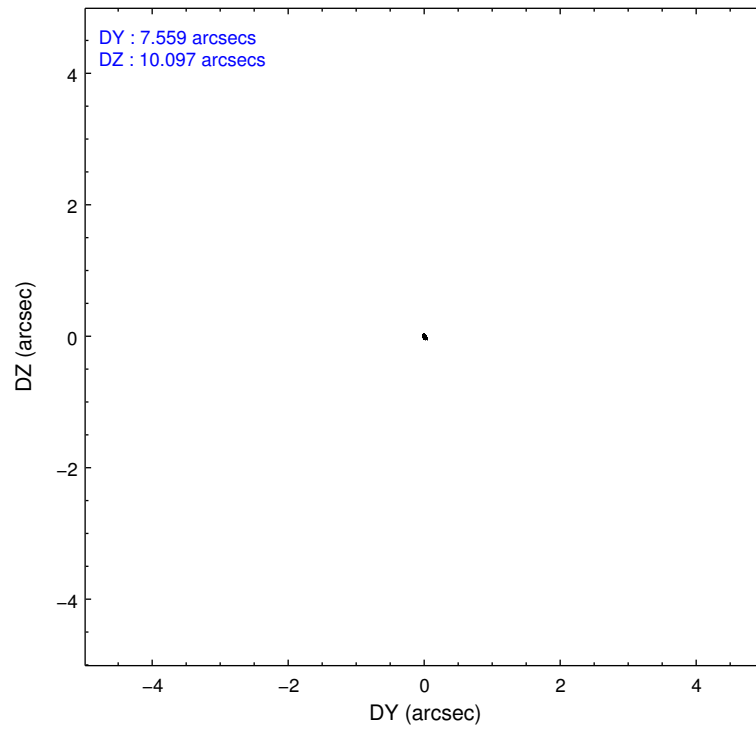
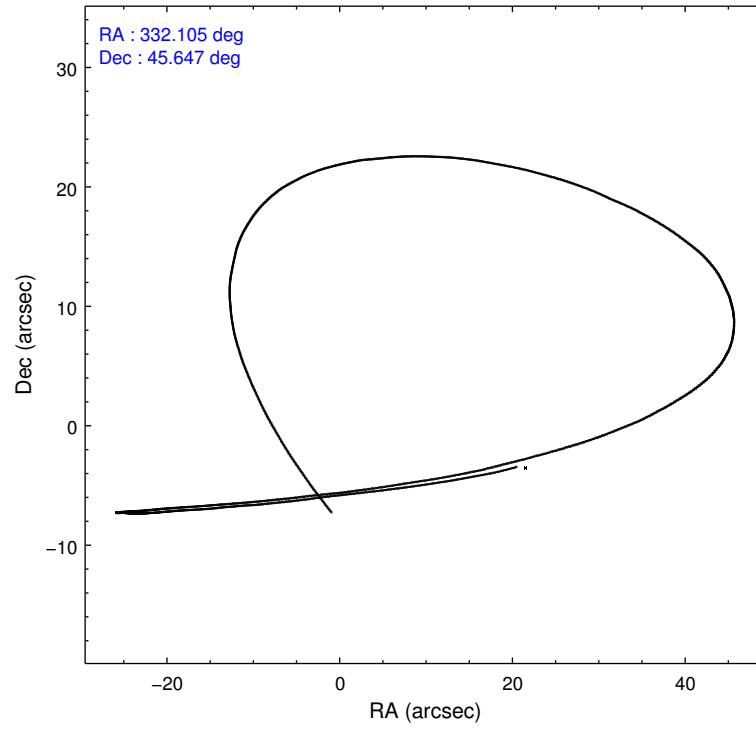
	segment 0
level 1 events	93638
rejected events	20510
rejected %	21%

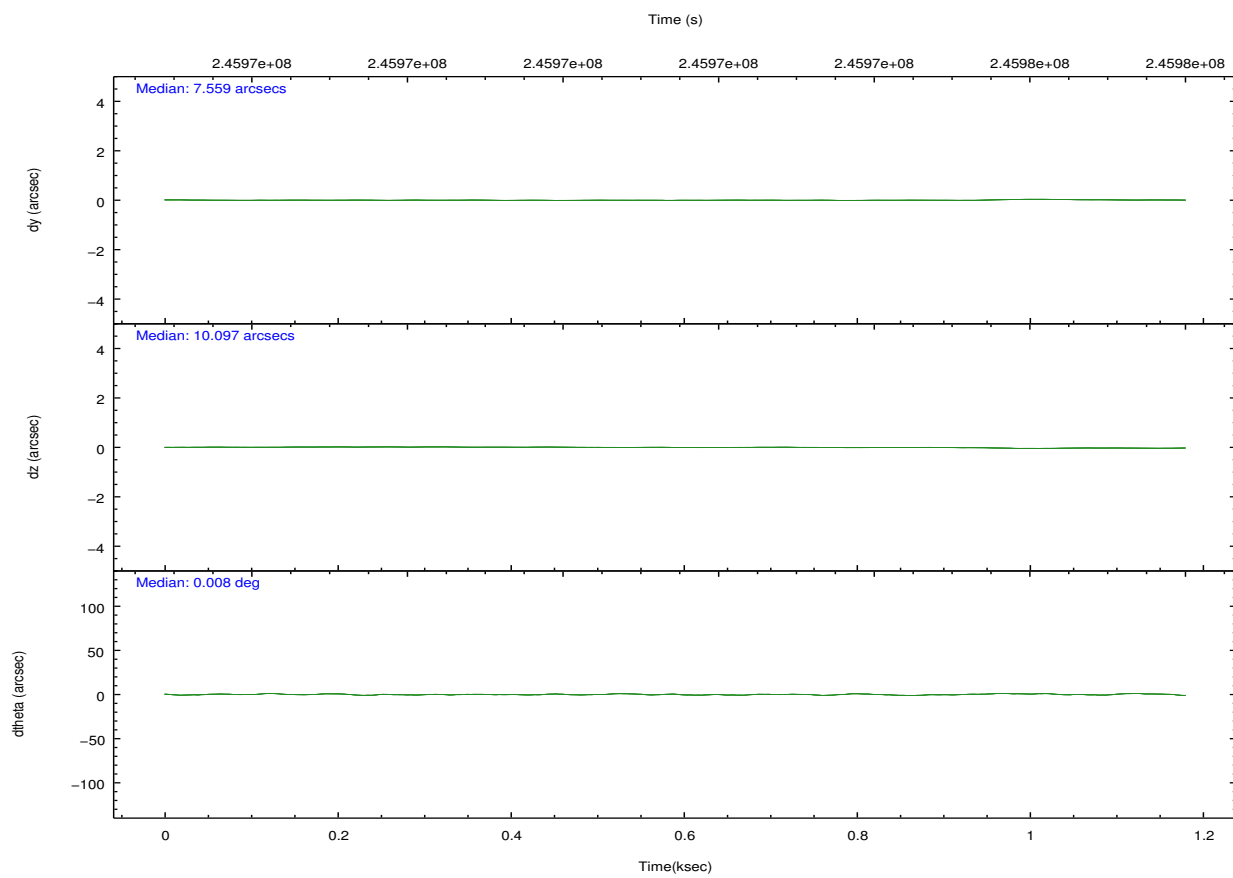
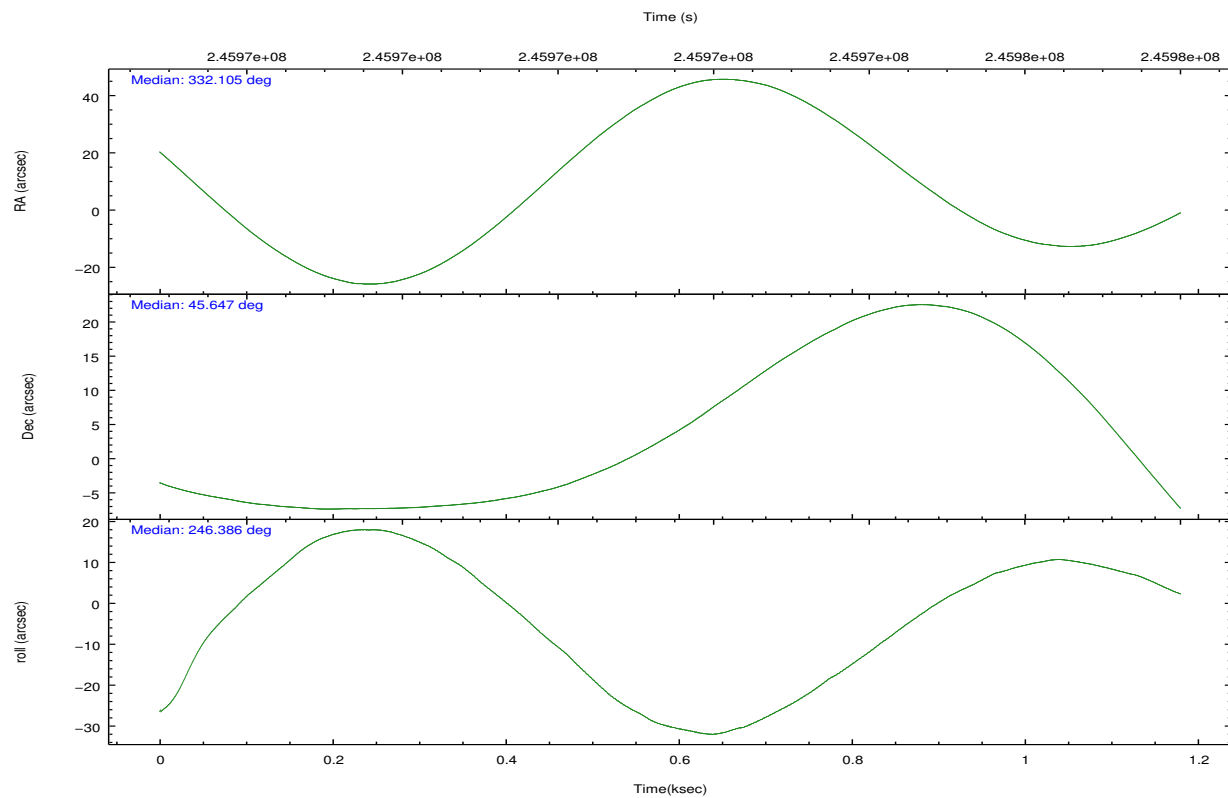
2.2 Compared Parameters

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	332.103296	332.1070416599512
[deg] Pointing Dec	45.674602	45.64797647163913
[deg] Pointing Roll	246.485942	246.3877332749098
[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)	245974131.184000	245973755.34128
Observation start date	2005-10-17T22:07:47	2005-10-17T22:02:35
[s] Observation end time (MET)	245975131.184000	245975265.67885
Observation end date	2005-10-17T22:24:27	2005-10-17T22:27:45

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

2.3 Aspect



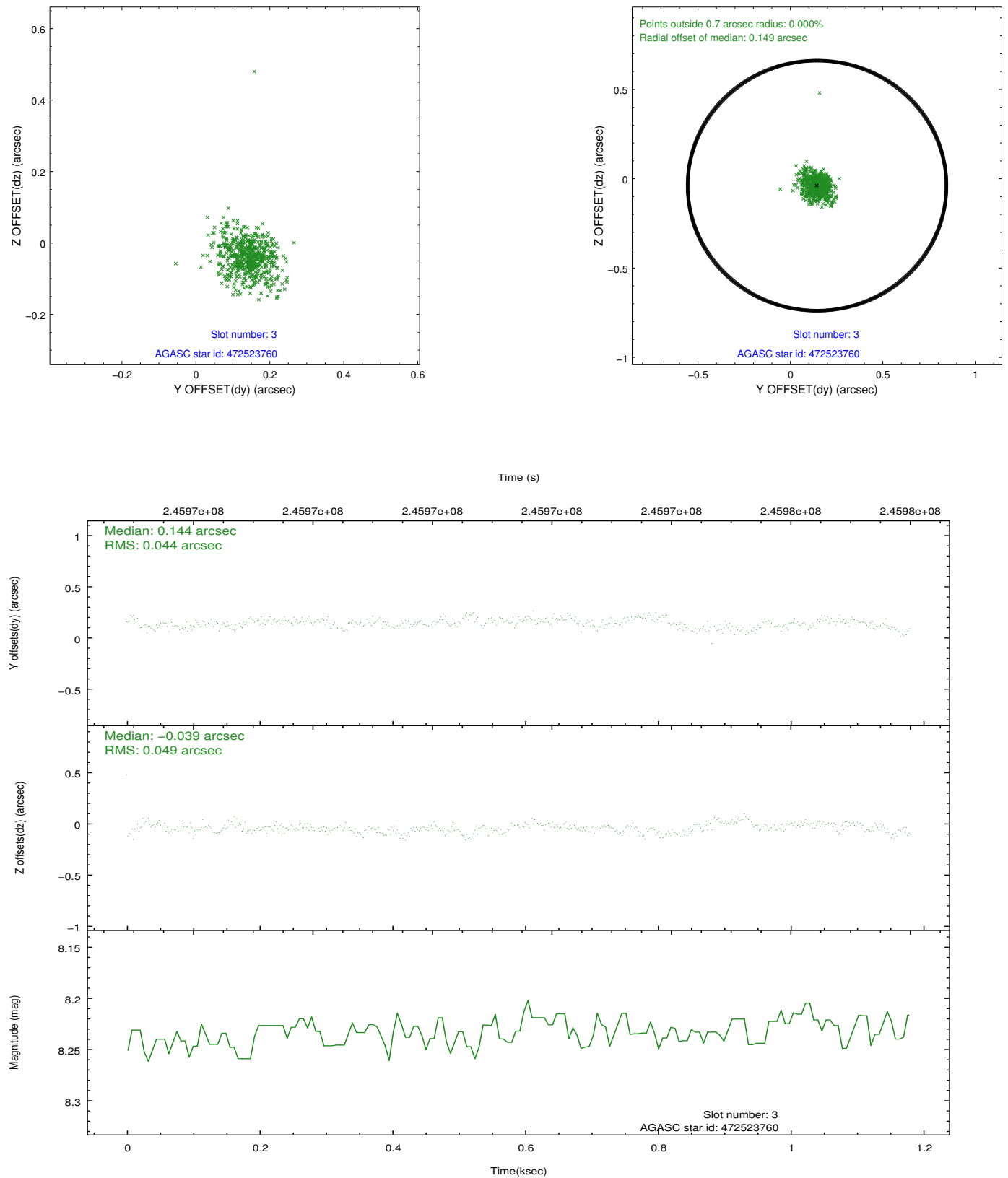


Slot Statistics

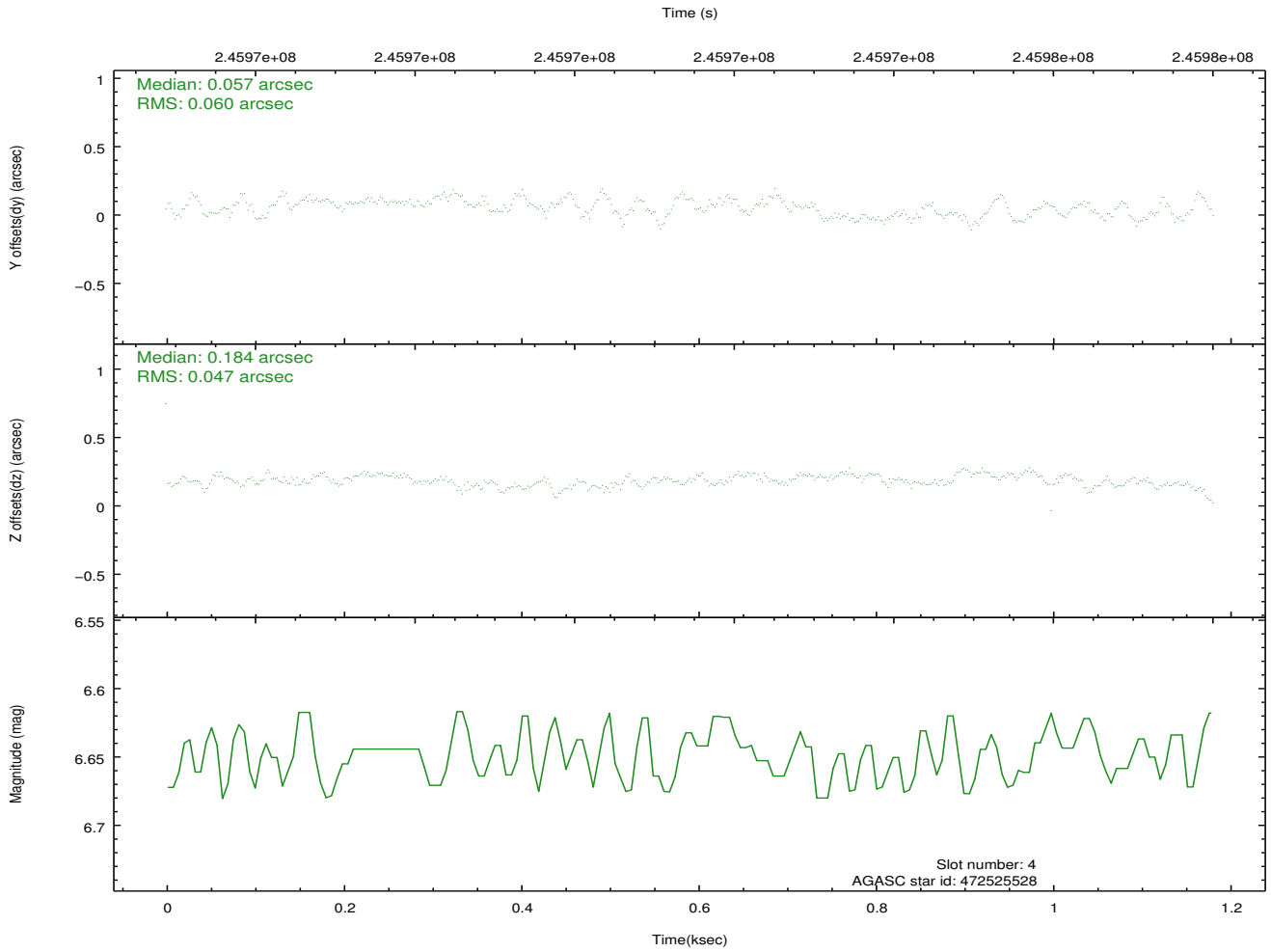
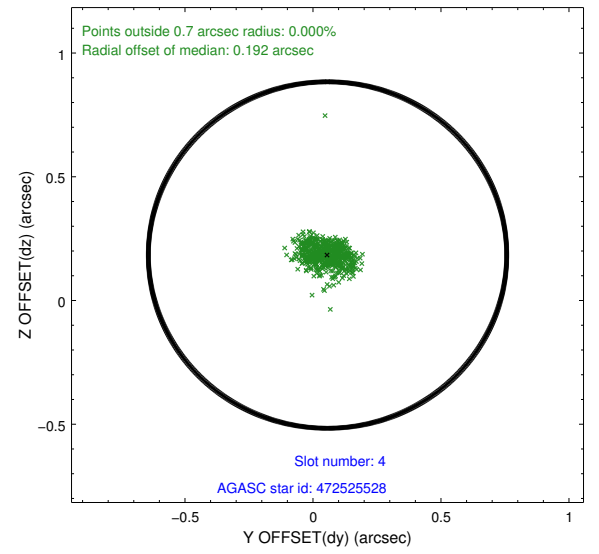
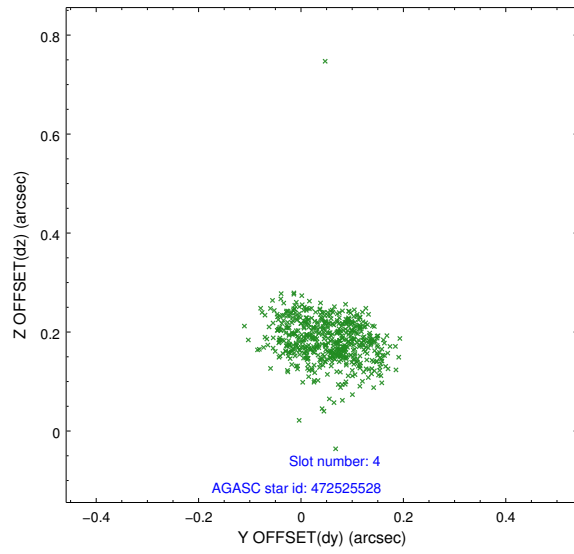
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	288	-0.036	0.018	0.006	0.012	0.000000	0.000000	-763.18	-1298.02
1	FID	HRC-I-2	7.05	288	0.141	-0.070	0.006	0.009	0.000000	0.000000	846.98	-1304.16
2	FID	HRC-I-3	7.10	288	0.014	-0.038	0.006	0.009	0.000000	0.000000	-1188.70	1001.96
3	GUIDE	472523760	8.23	577	0.144	-0.039	0.065	0.112	331.645363	45.403260	1354.47	-669.01
4	GUIDE	472525528	6.65	577	0.057	0.184	0.079	0.124	331.551102	45.248694	1962.11	-670.45
5	GUIDE	472533912	9.15	577	-0.077	-0.054	0.116	0.190	331.791136	46.368695	-1980.15	-1705.99
6	GUIDE	472535576	7.85	577	-0.185	0.004	0.071	0.115	331.438373	46.291802	-1387.62	-2405.03
7	GUIDE	472655152	9.41	576	0.055	-0.090	0.120	0.258	332.504239	45.862991	-1027.79	649.80

2.4 Star Slots

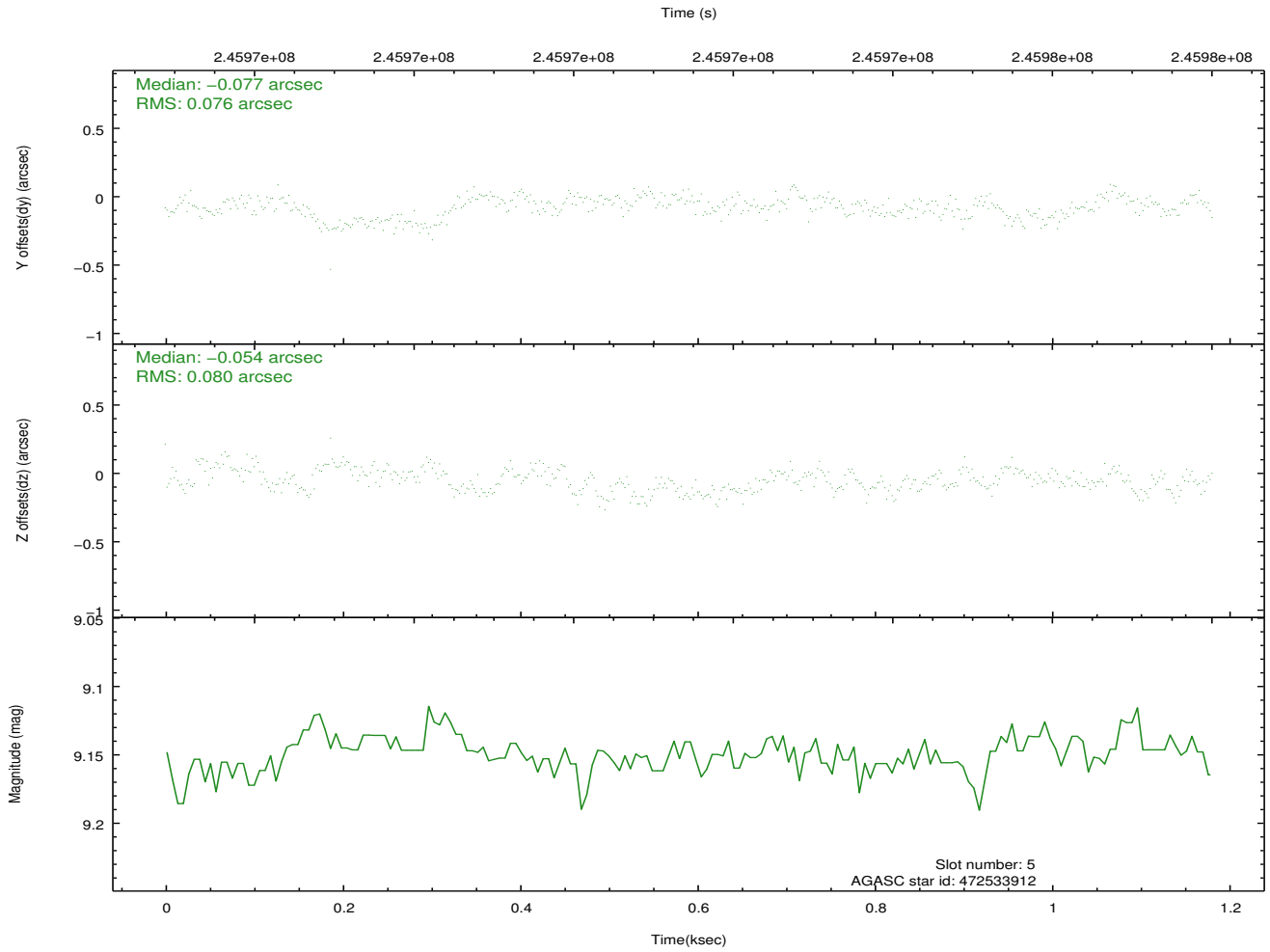
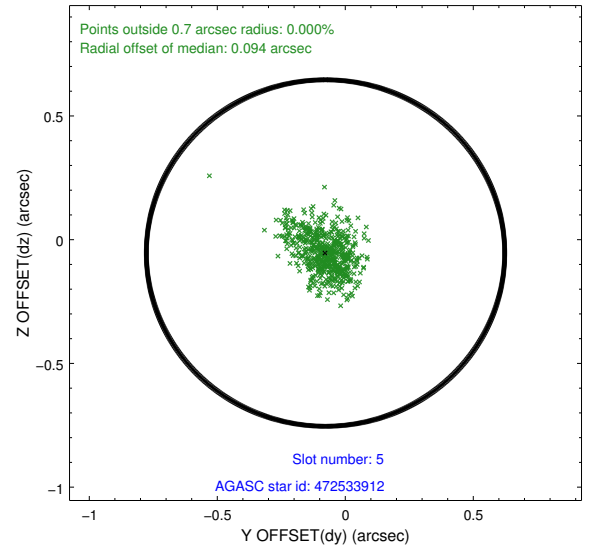
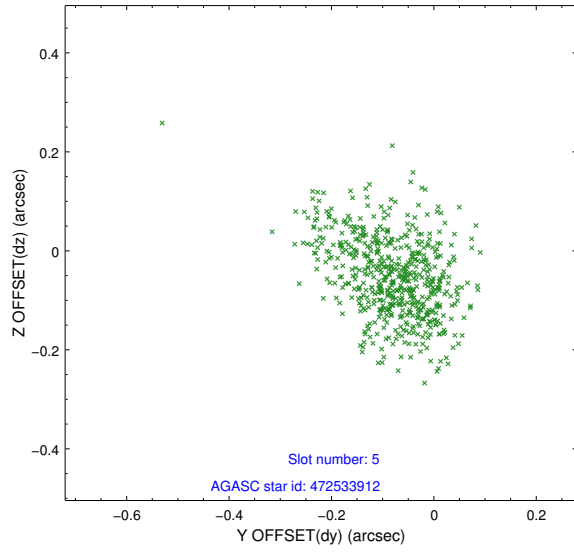
2.4.1 Slot 3



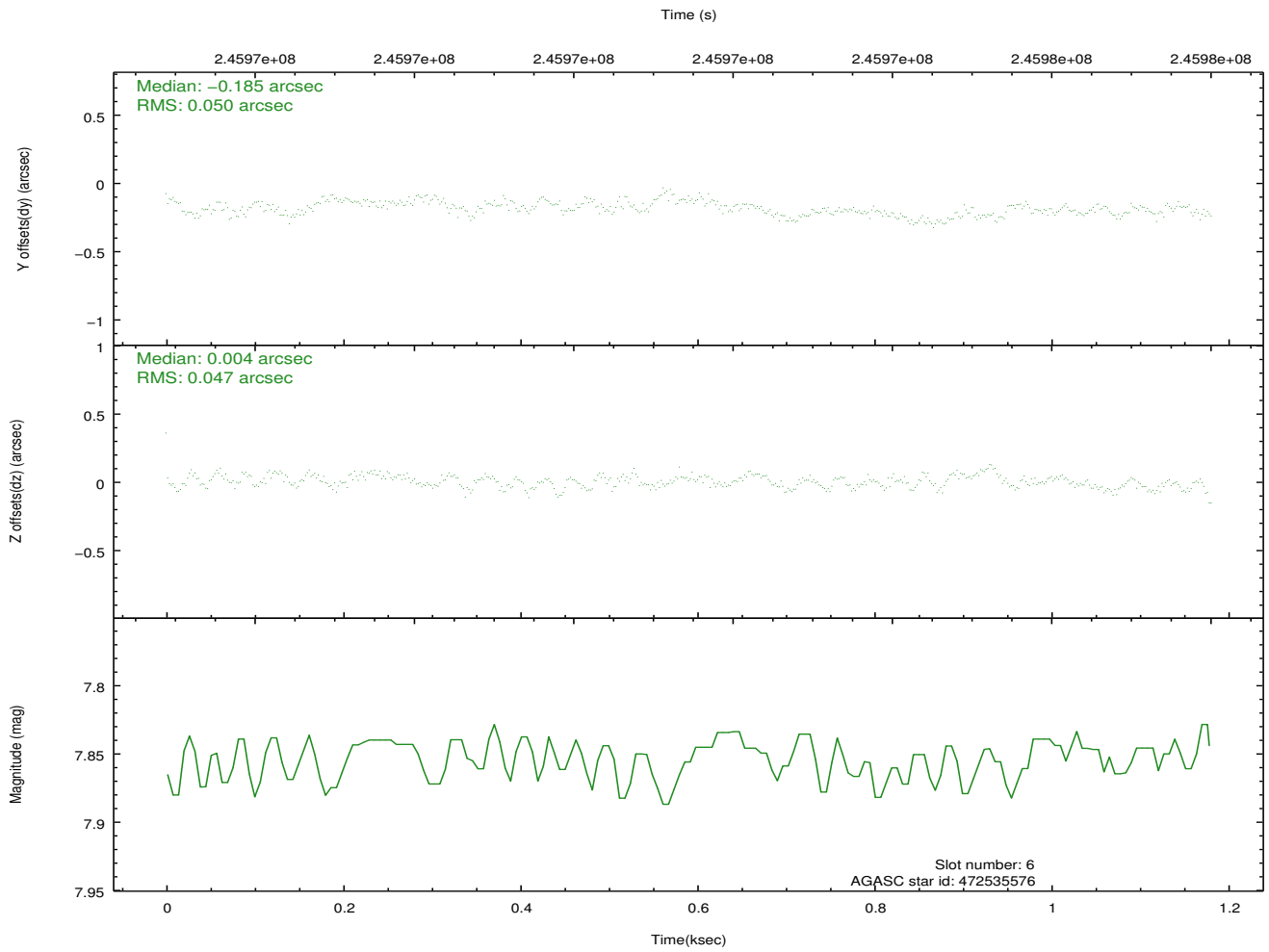
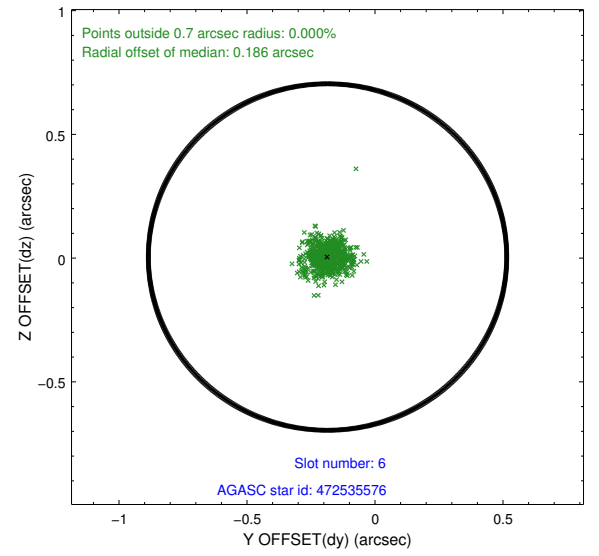
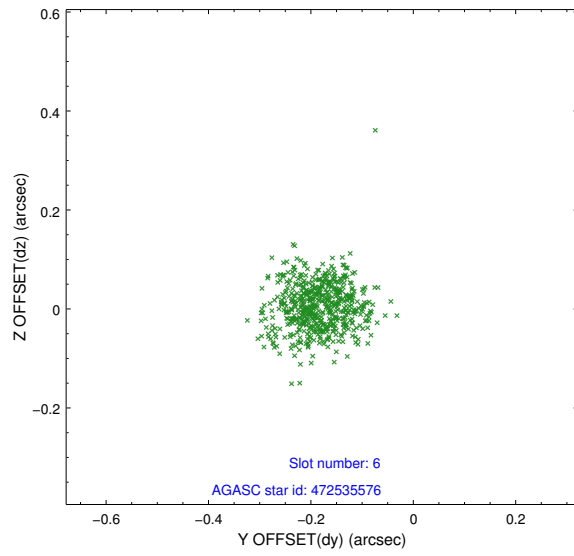
2.4.2 Slot 4



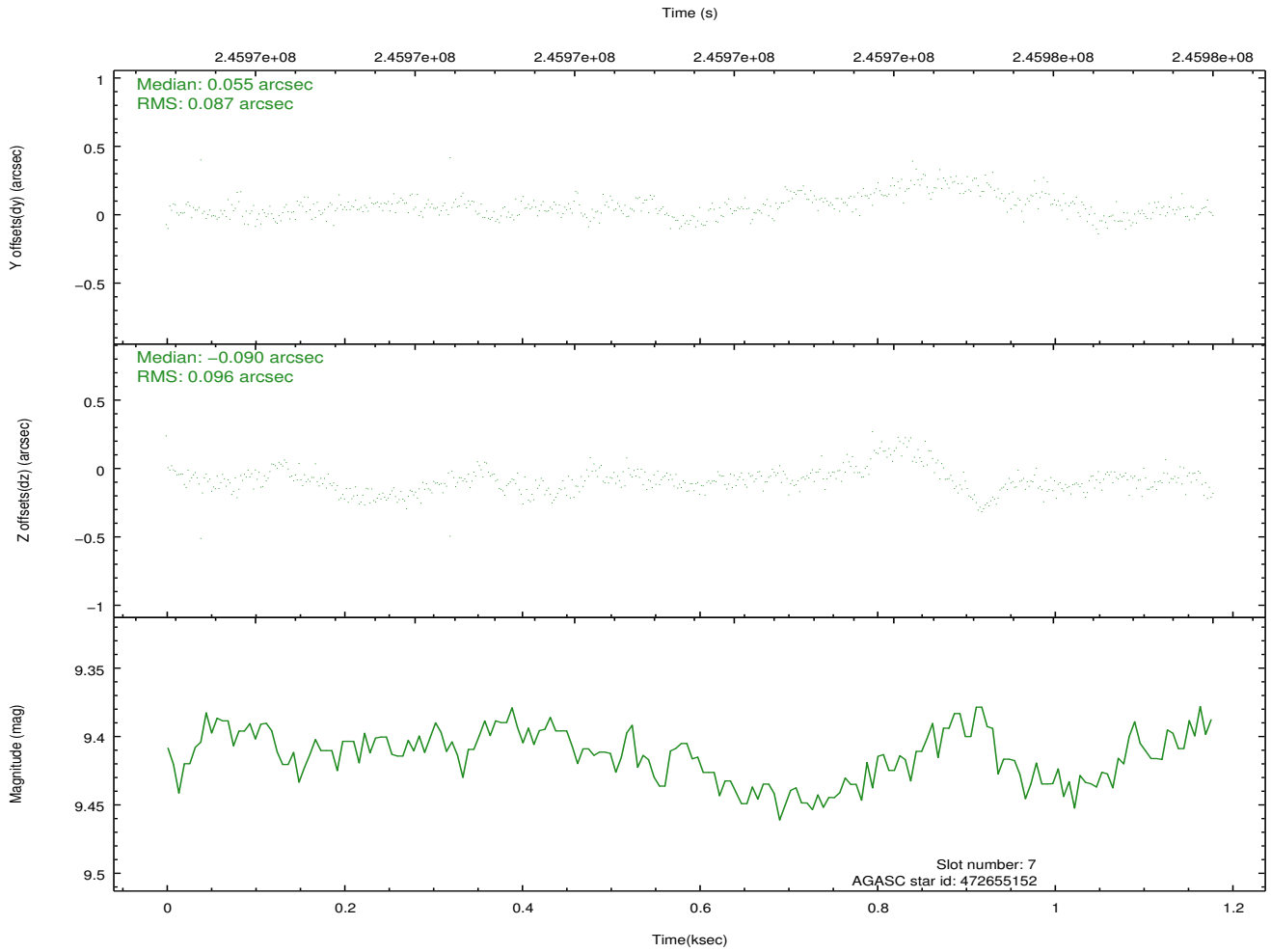
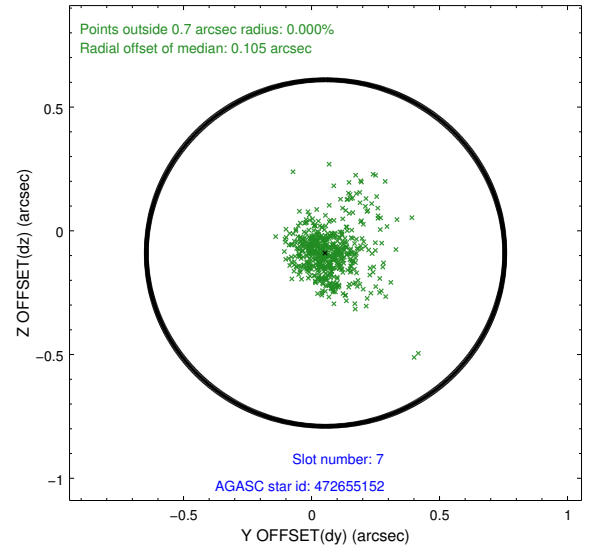
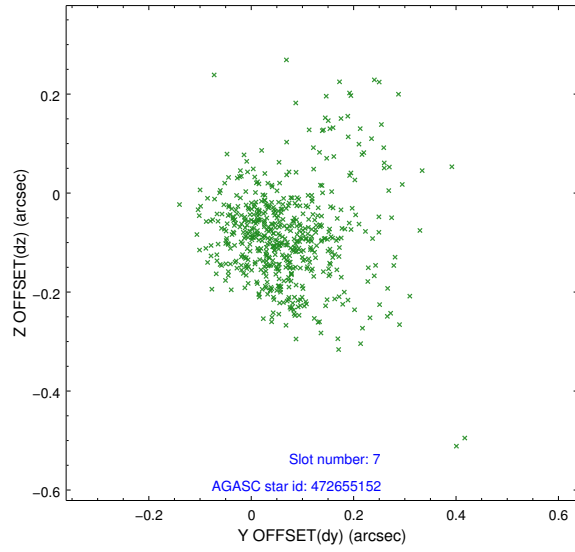
2.4.3 Slot 5



2.4.4 Slot 6

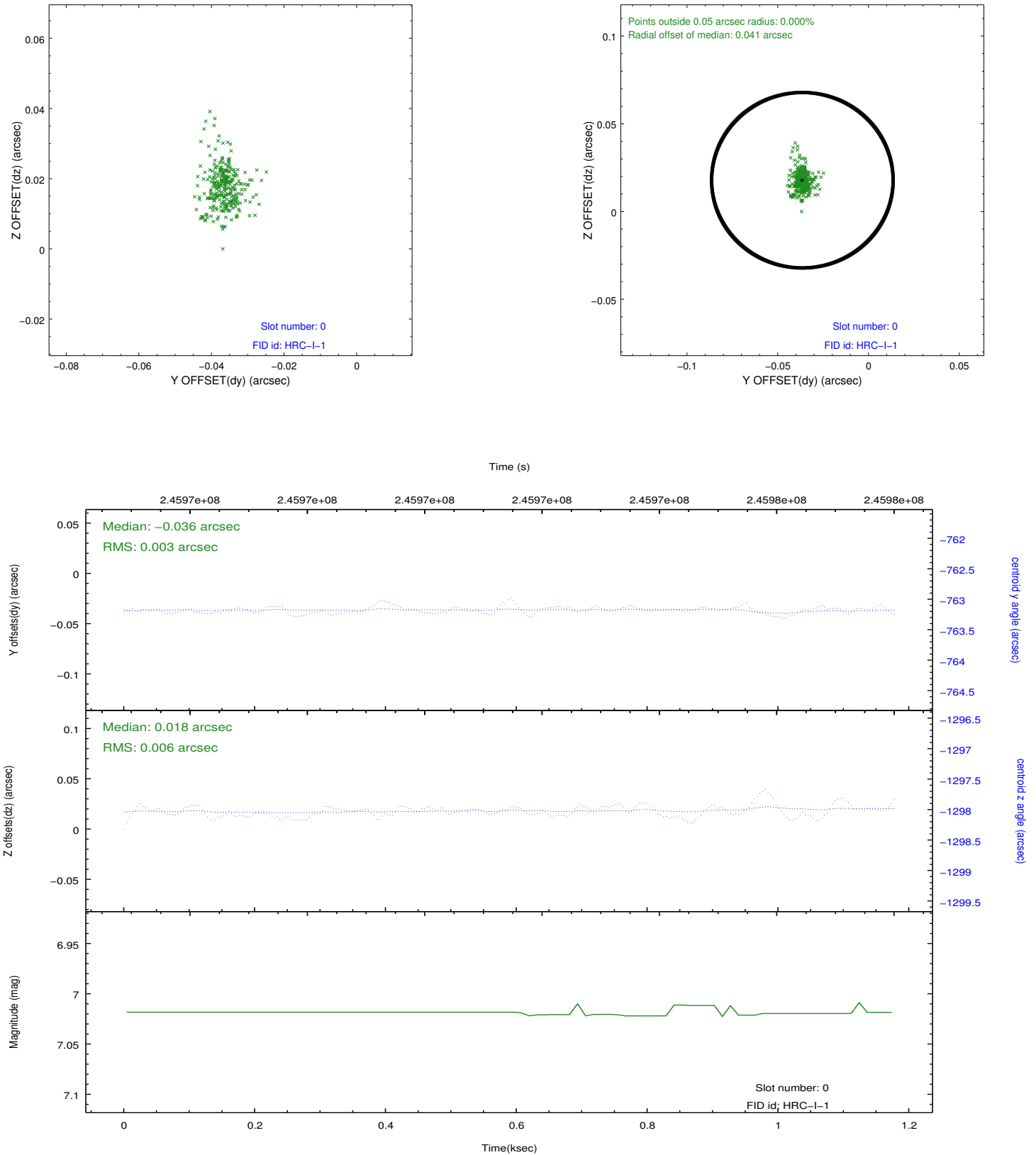


2.4.5 Slot 7

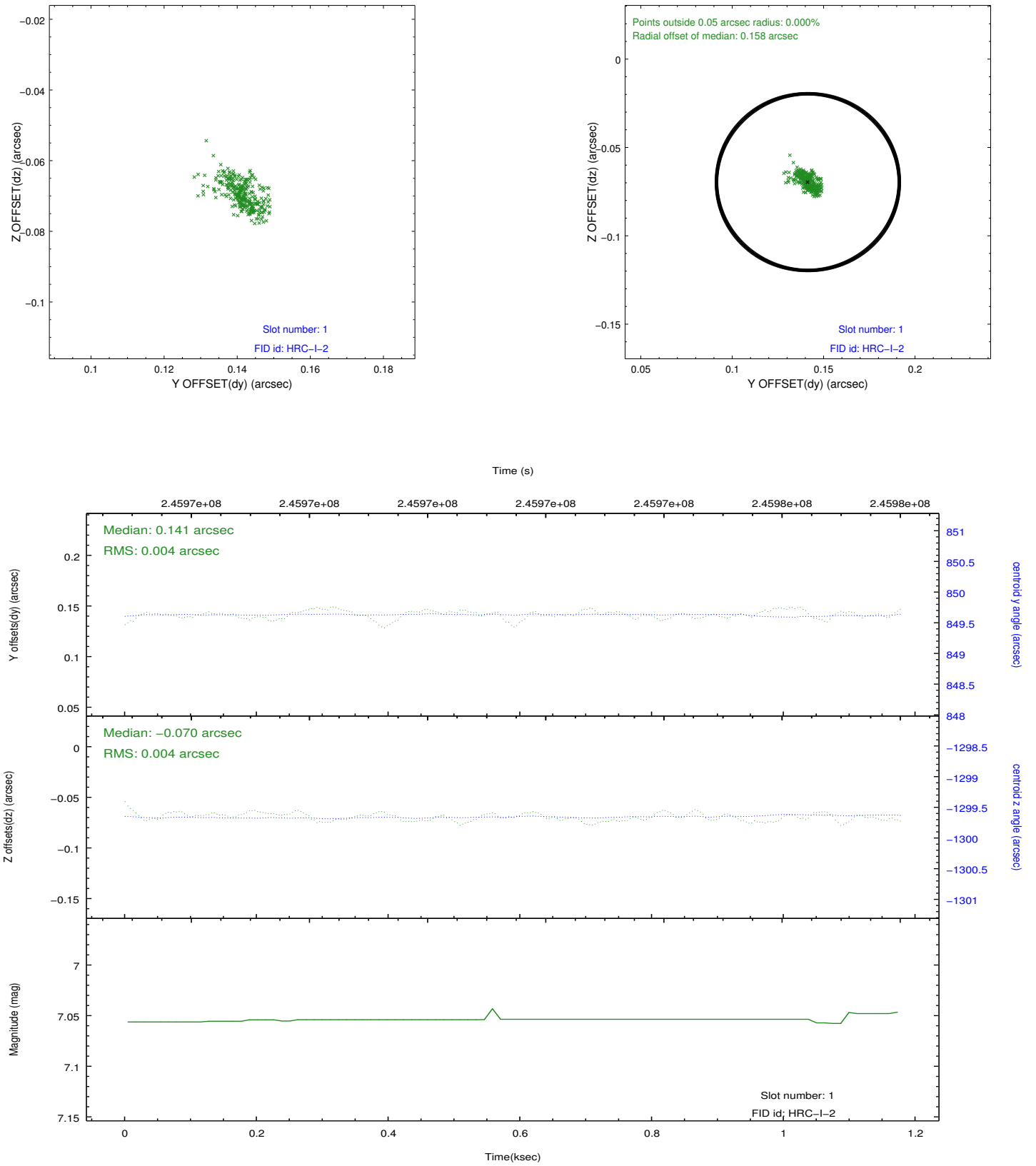


2.5 FID Slots

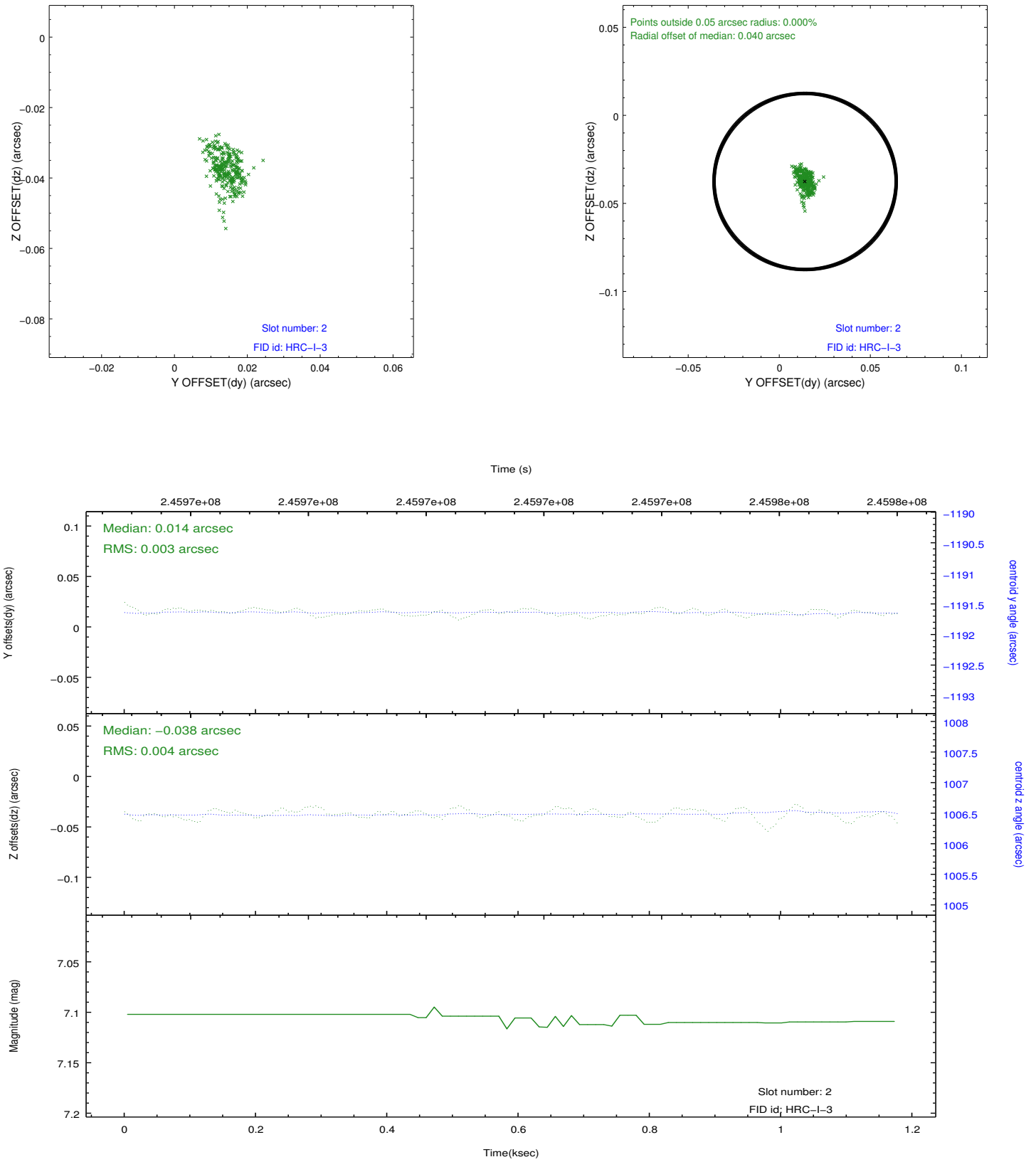
2.5.1 Slot 0



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	1.180031

A.2 Comments