

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6487 - L2 Version 3
Chandra X-Ray Center

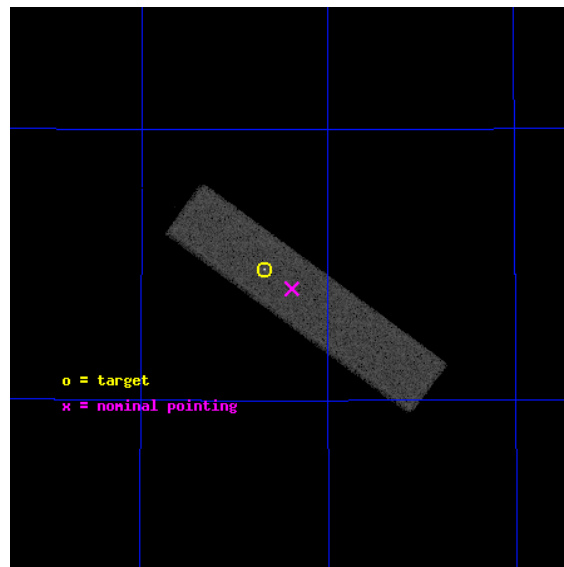
L2 Processing Date : Aug 11 2012

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1 Front

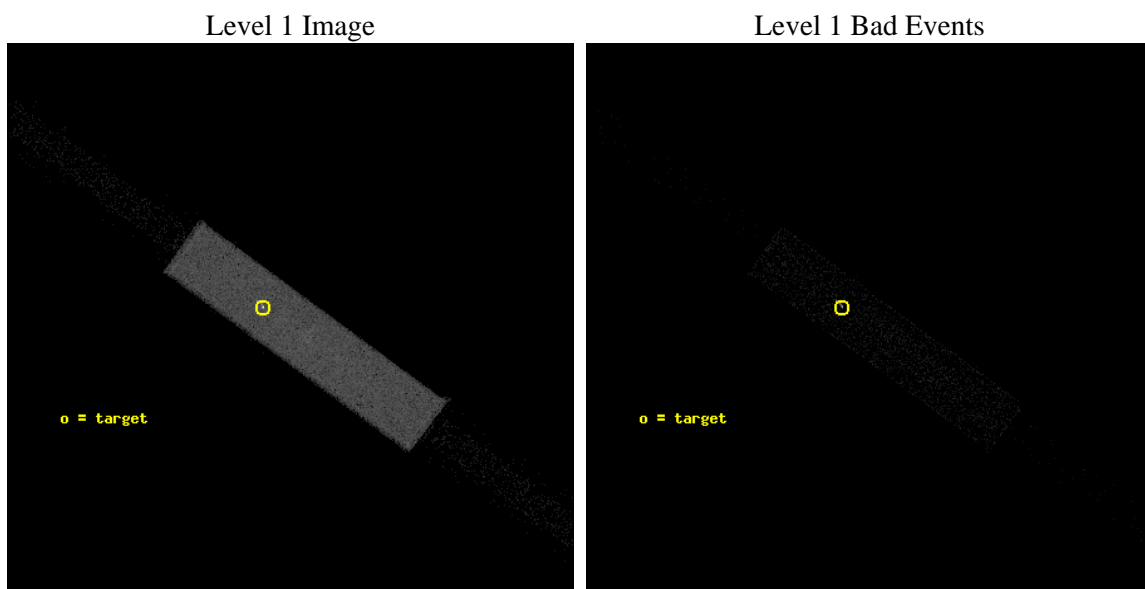
seq_num	290580	Sequence number
obs_id	6487	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0968664136	Nominal RA [deg]
dec_nom	45.706547890904	Nominal Dec [deg]
roll_nom	36.058159786339	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813036382	[s]
livetime	1144.7608851528	Ontime multiplied by DTCOR
l2events	60326	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	1153.3813036382	[s]
caldbver	4.5.1.1	 	l1events	97600	Number of level 1 events
date	2012-08-11T05:28:36	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

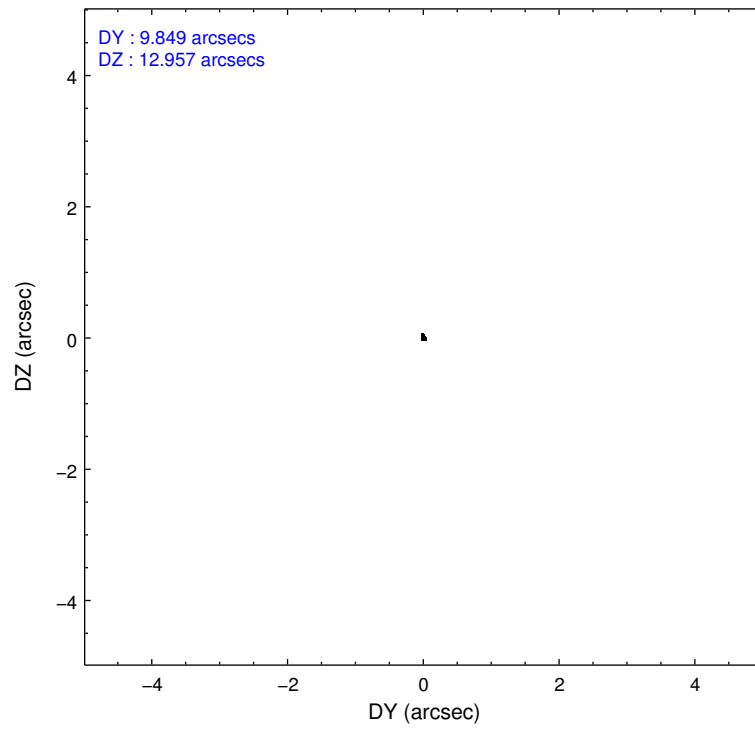
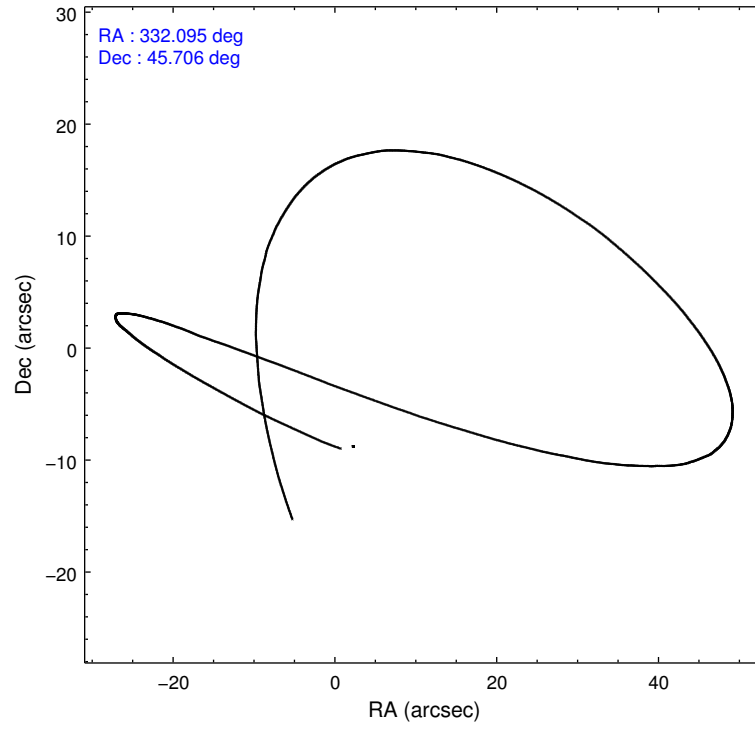
	segment 1	segment 2	segment 3
level 1 events	964	95761	875
rejected events	964	22509	874
rejected %	100%	23%	99%

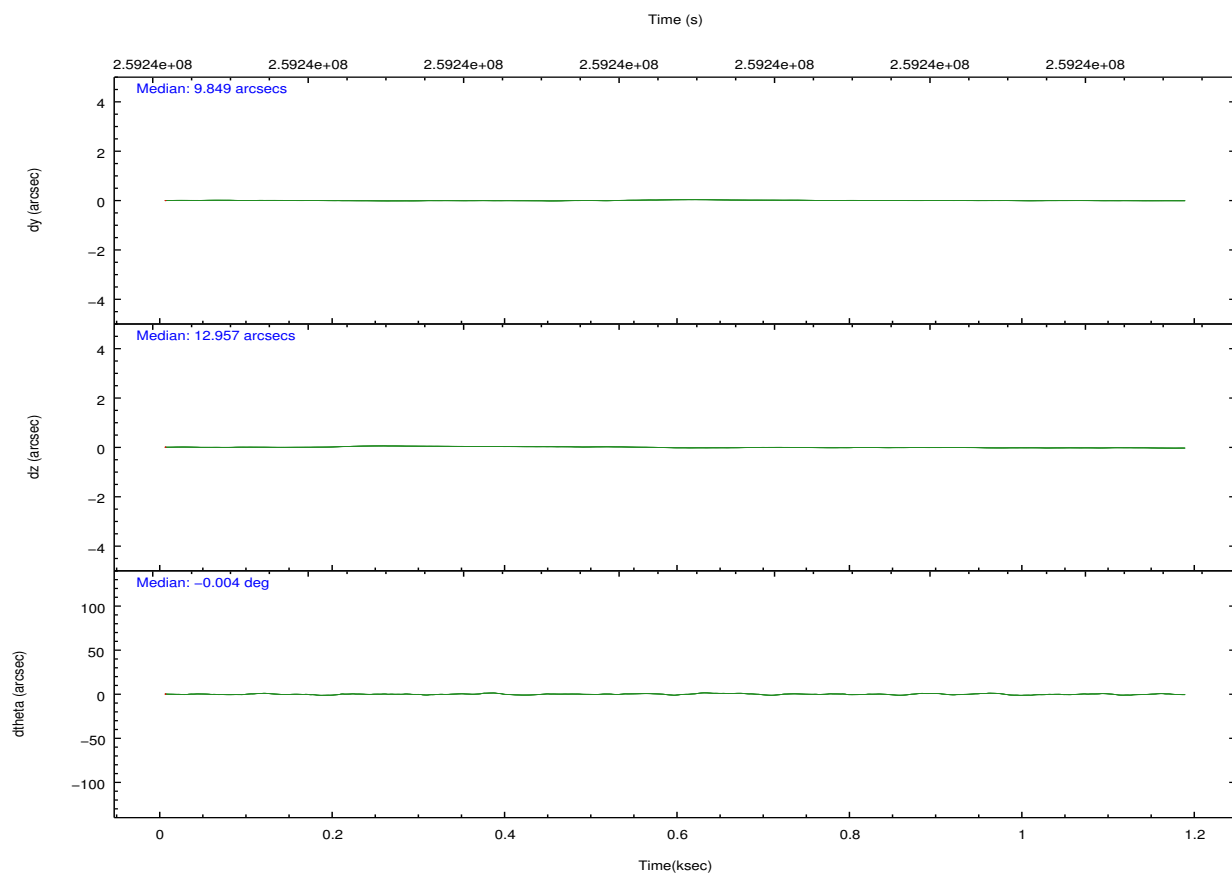
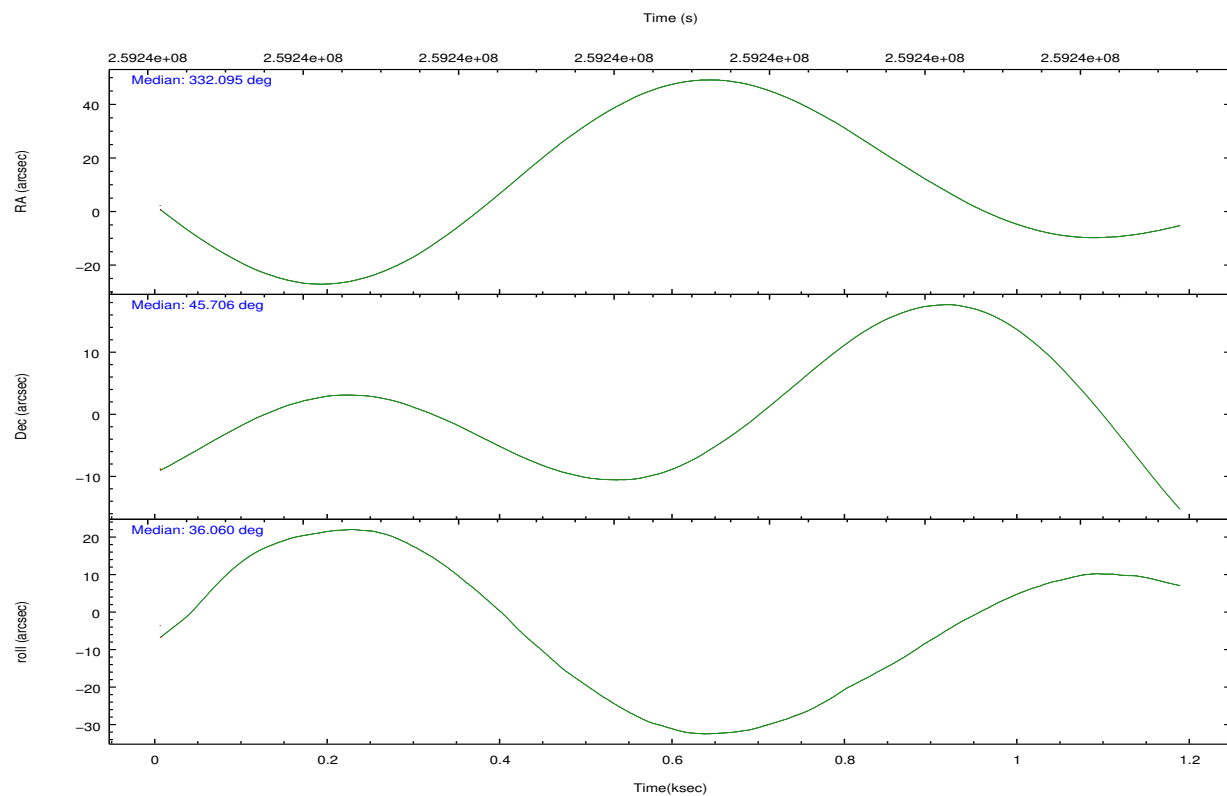
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.083502	332.0968664135991
[deg] Pointing Dec	45.679119	45.70654789090395
[deg] Pointing Roll	36.000455	36.05815978633922
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	259237069.184000	259236693.23049
Observation start date	2006-03-20T10:16:44	2006-03-20T10:11:33
[s] Observation end time (MET)	259238069.184000	259238203.05556
Observation end date	2006-03-20T10:33:24	2006-03-20T10:36:43

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

2.3 Aspect



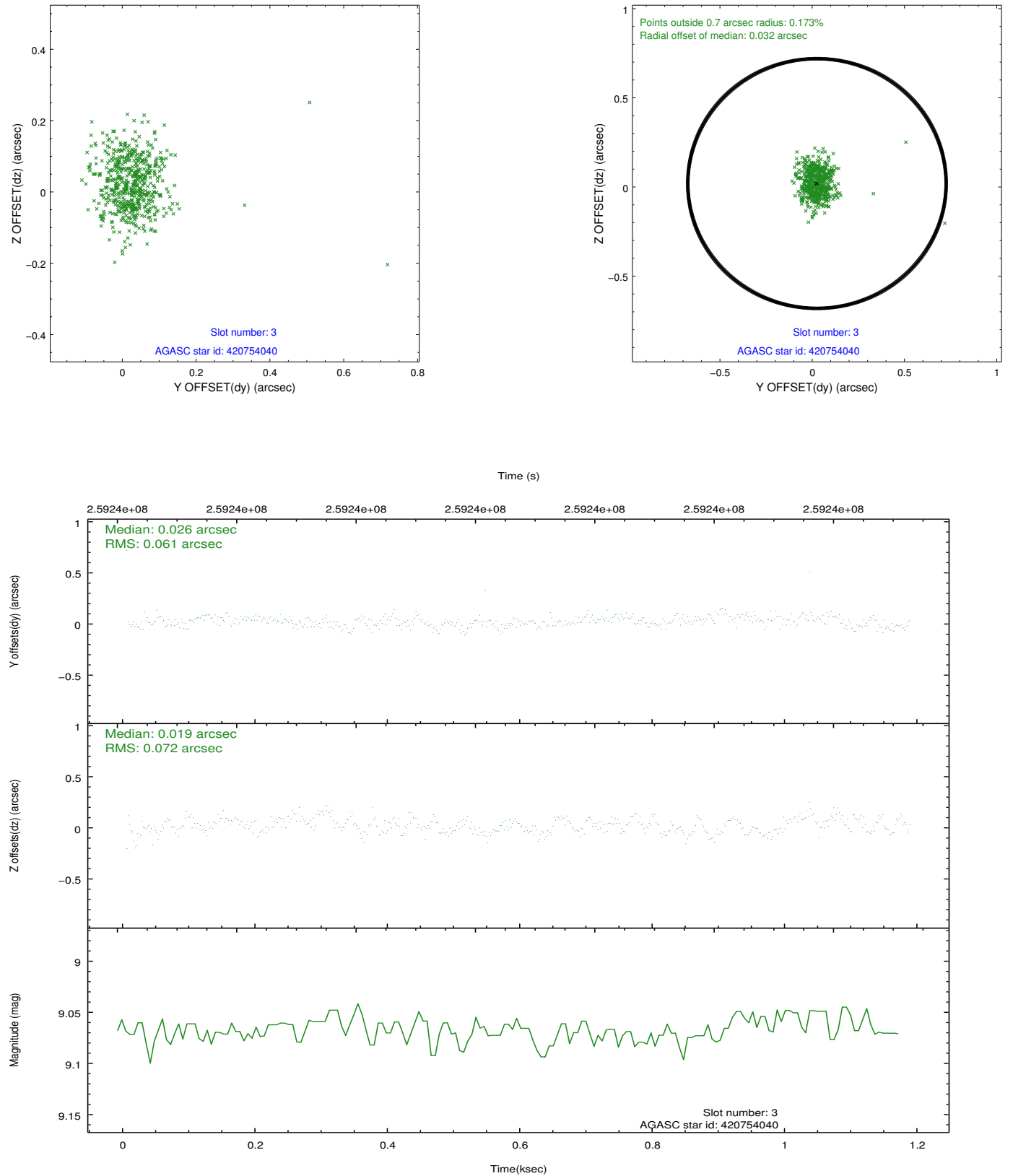


Slot Statistics

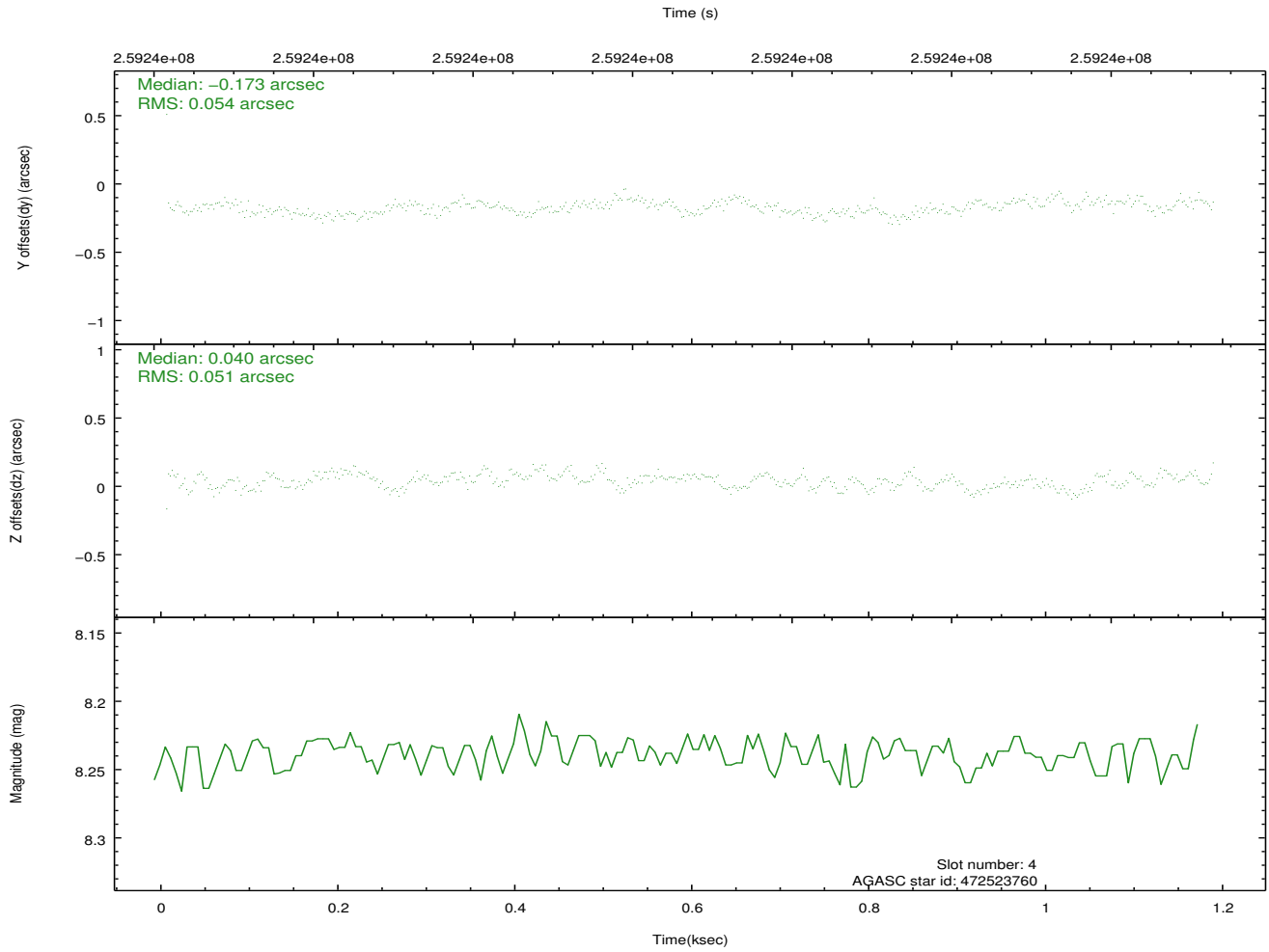
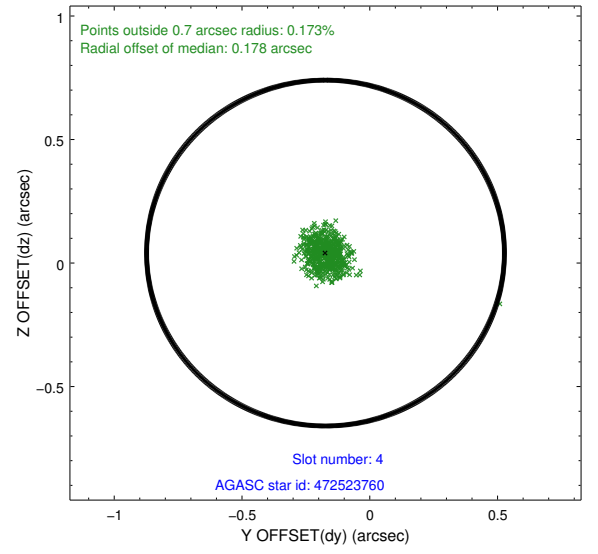
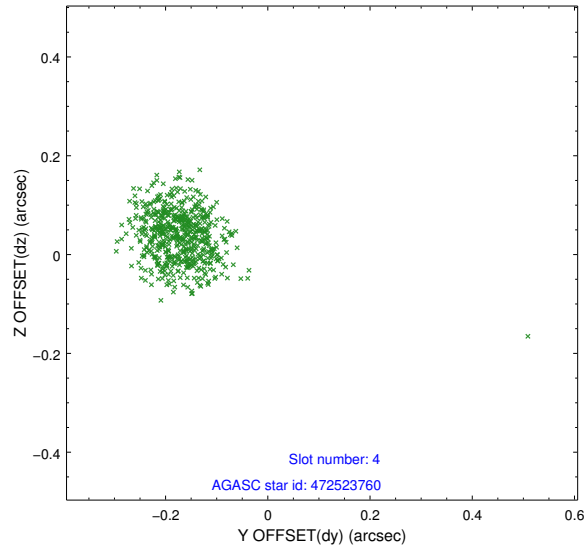
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.05	289	0.128	-0.142	0.007	0.011	0.000000	0.000000	-1164.05	-461.73
1	FID	HRC-S-2	7.05	289	0.137	-0.103	0.005	0.009	0.000000	0.000000	1231.58	-455.91
2	FID	HRC-S-3	7.06	289	0.125	-0.058	0.007	0.011	0.000000	0.000000	-1162.52	566.30
3	GUIDE	420754040	9.07	578	0.026	0.019	0.091	0.152	331.917939	44.882543	-2024.81	-2075.57
4	GUIDE	472523760	8.24	578	-0.173	0.040	0.073	0.115	331.645363	45.403260	-1480.07	-157.51
5	GUIDE	472525528	6.63	578	0.002	-0.080	0.077	0.123	331.551102	45.248694	-2000.83	-461.10
6	GUIDE	472655152	9.44	578	0.153	0.132	0.106	0.178	332.504239	45.862991	1242.29	-86.94
7	GUIDE	472659832	9.48	576	-0.003	-0.113	0.107	0.182	332.780399	46.098139	2302.21	199.70

2.4 Star Slots

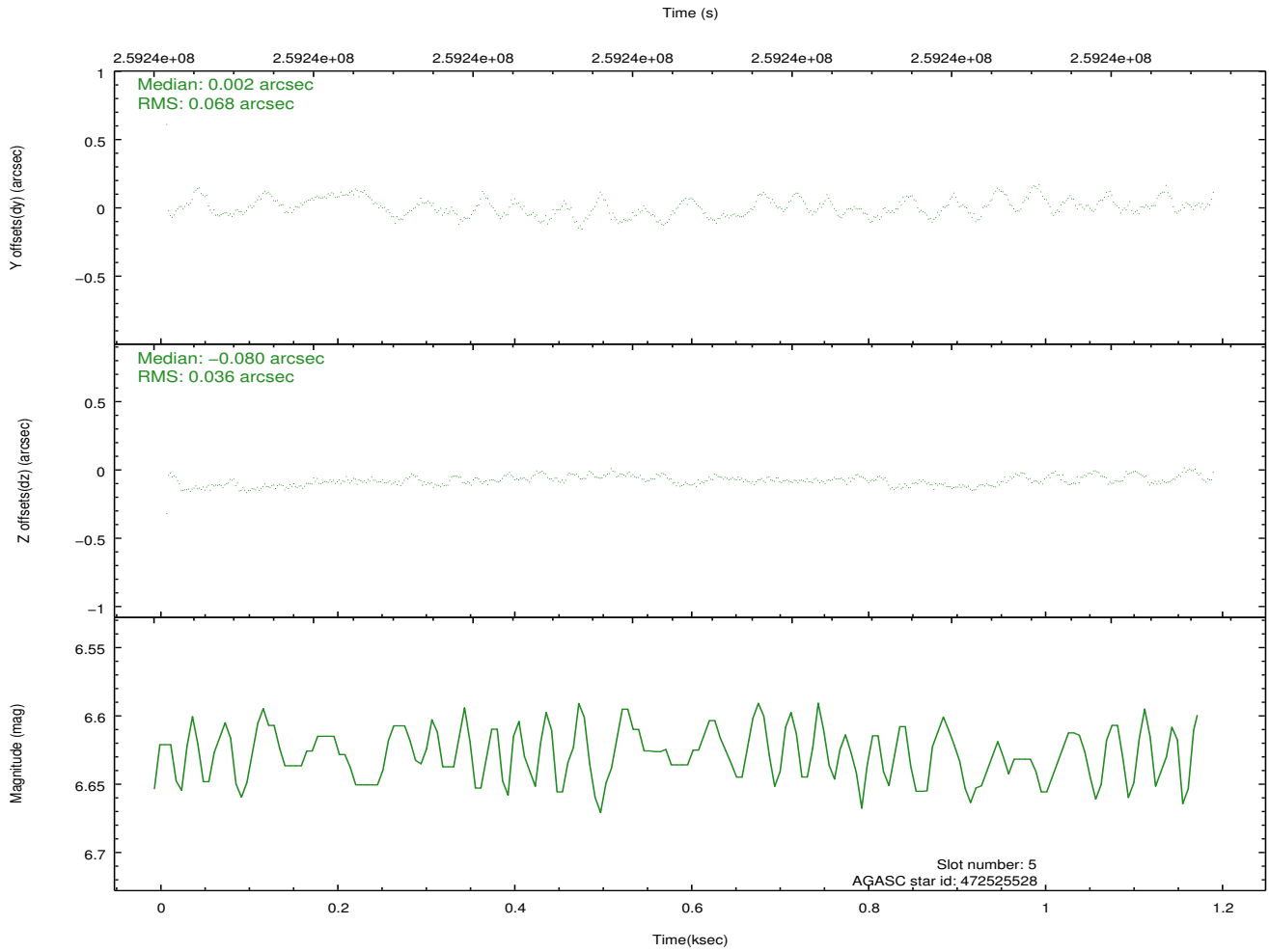
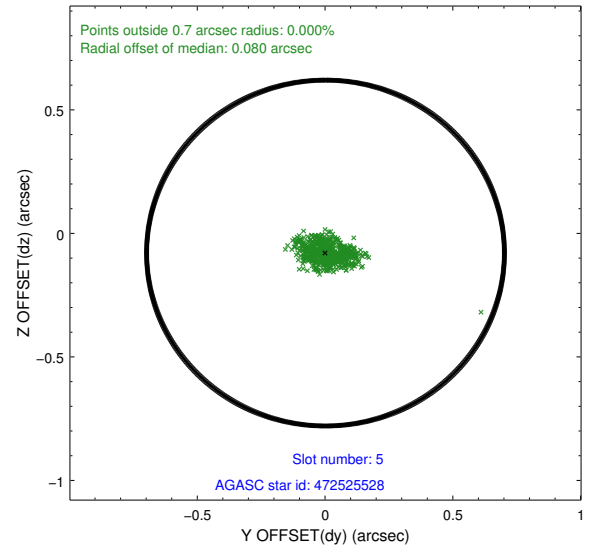
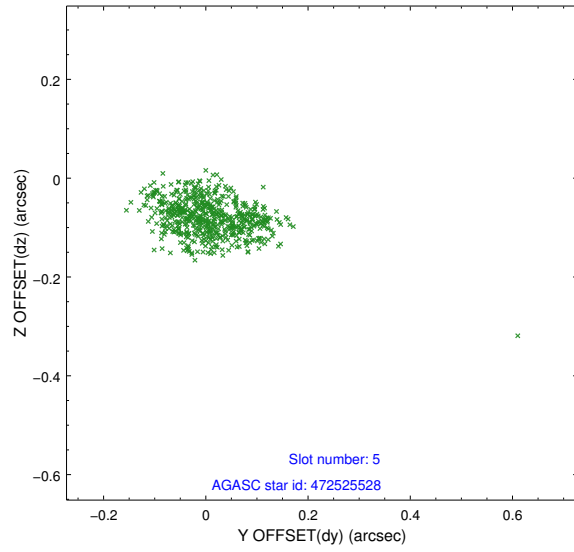
2.4.1 Slot 3



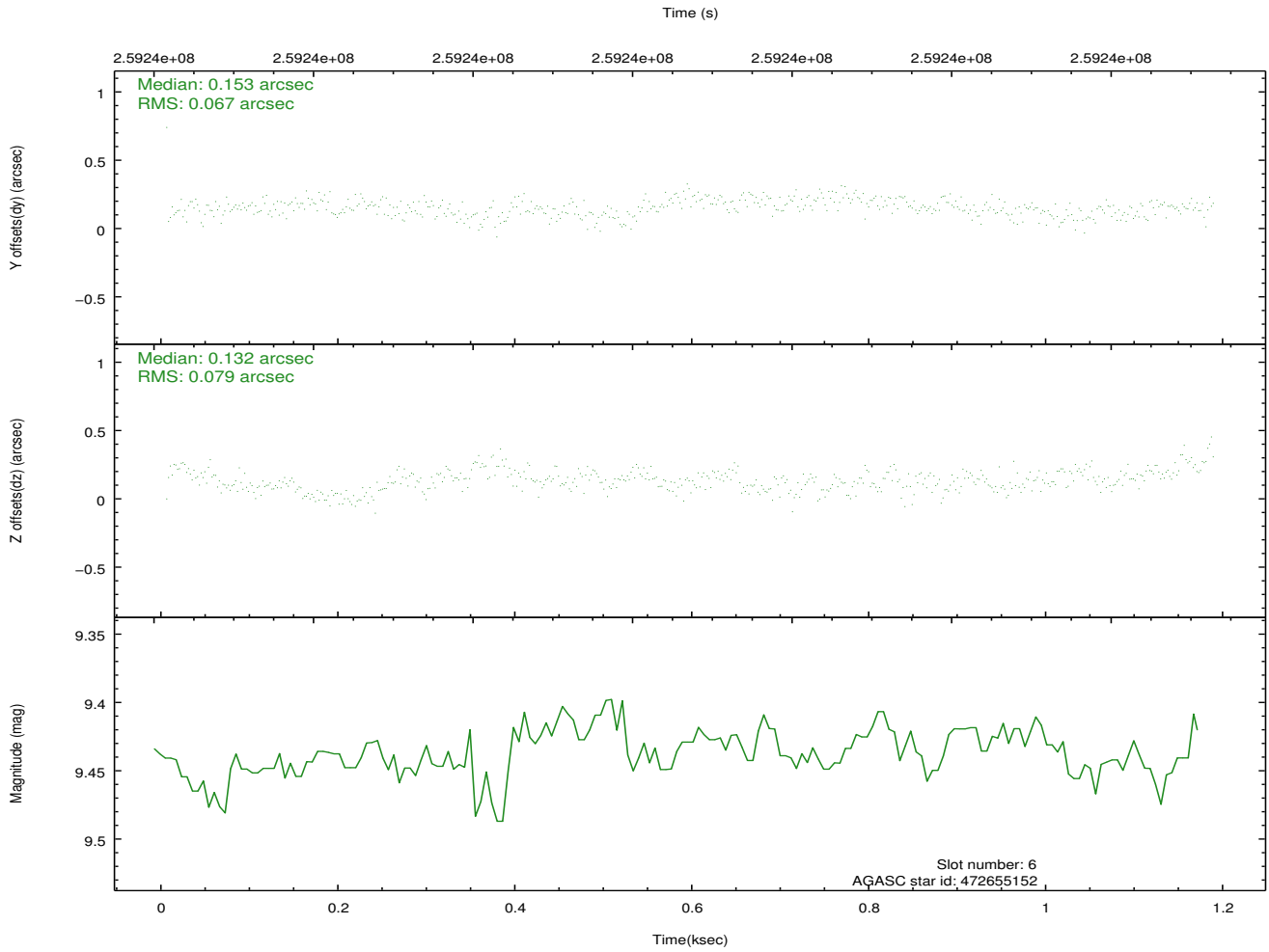
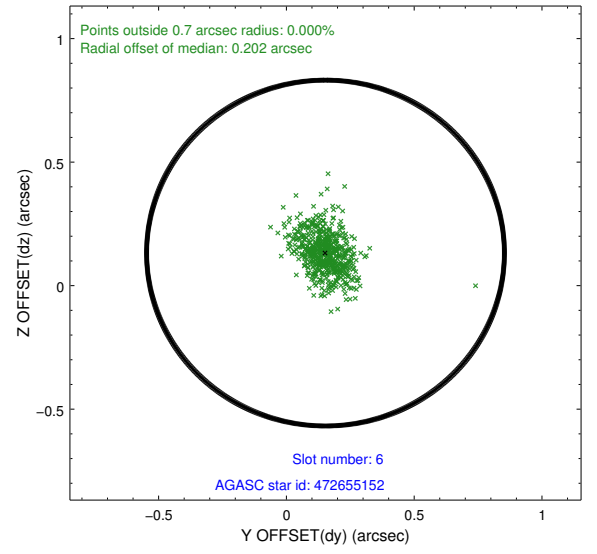
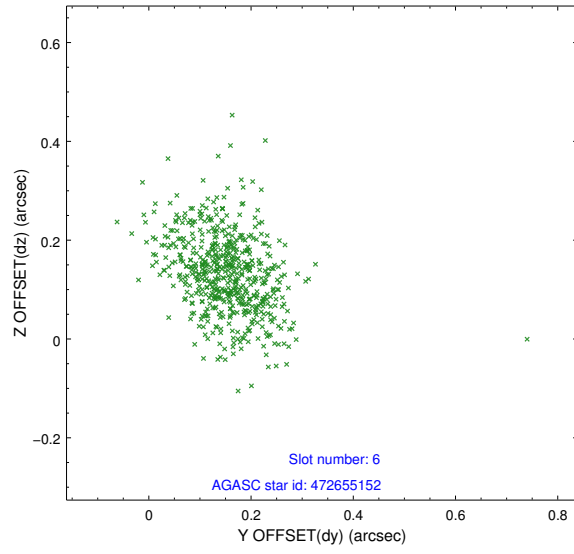
2.4.2 Slot 4



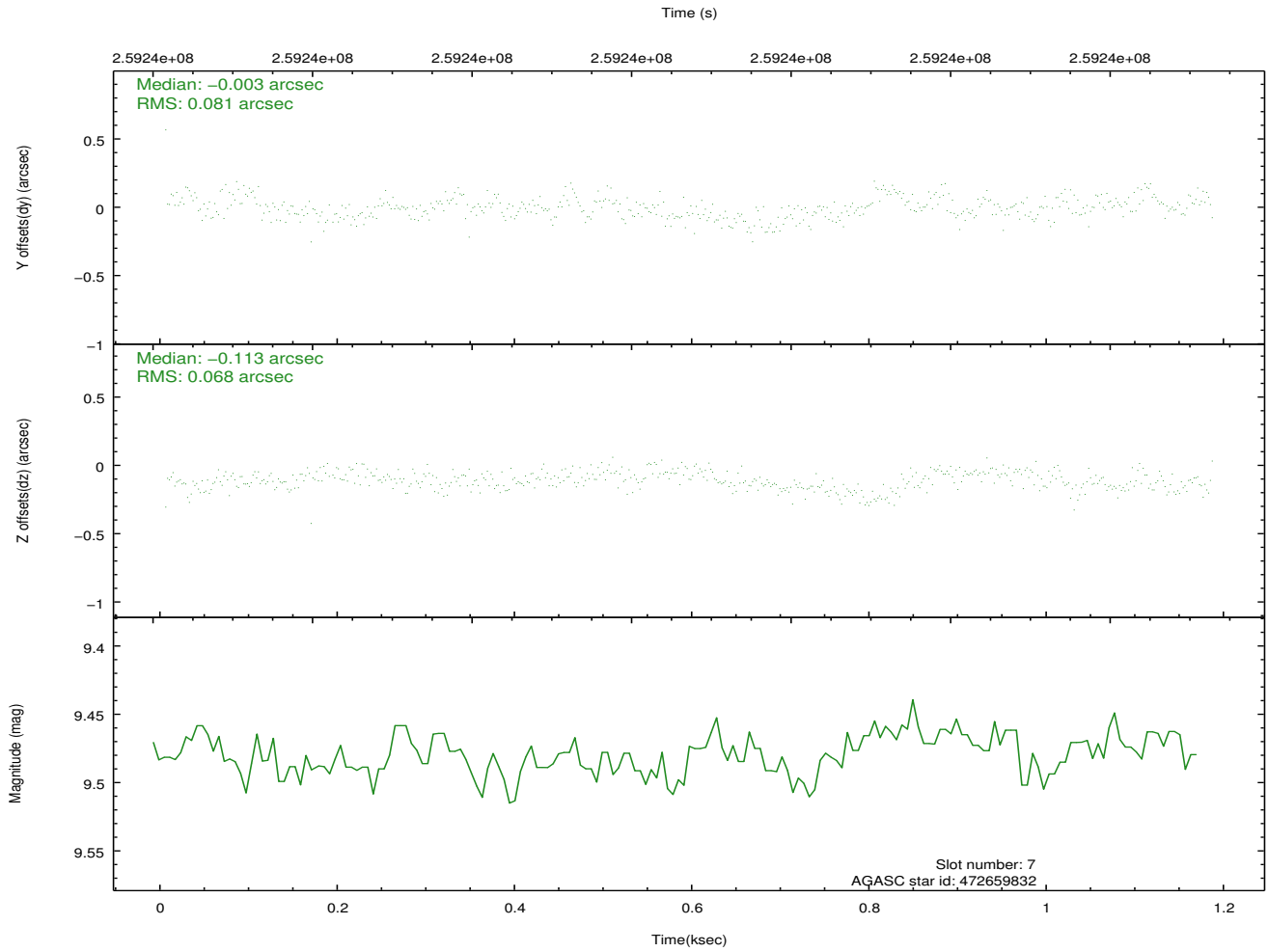
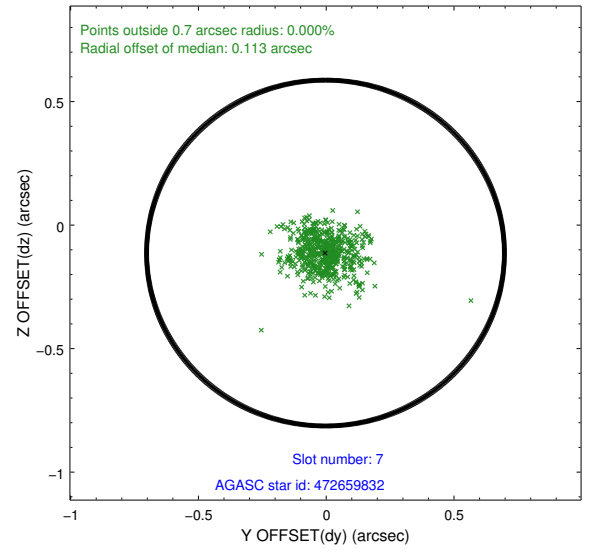
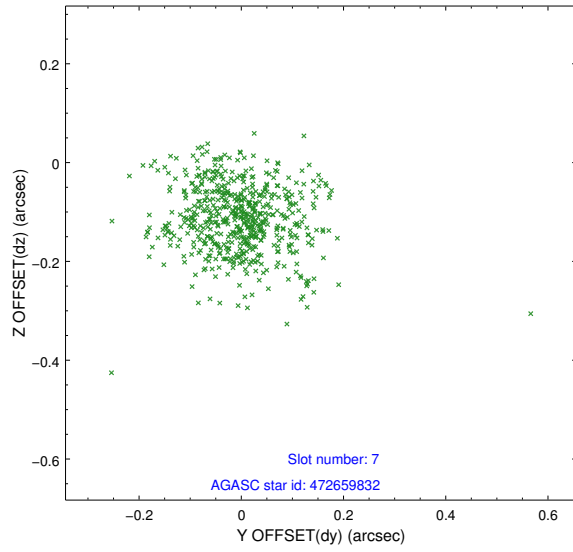
2.4.3 Slot 5



2.4.4 Slot 6

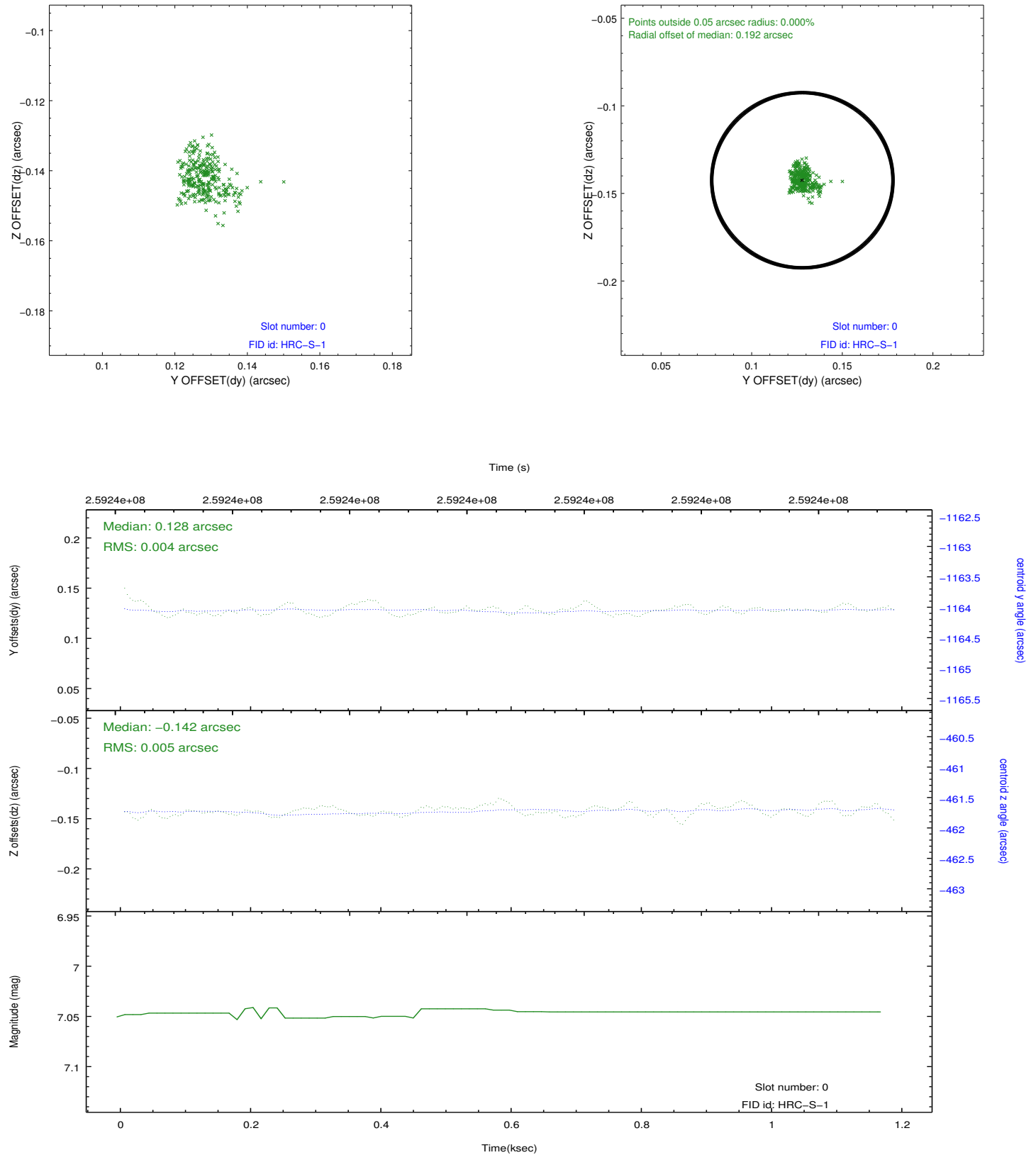


2.4.5 Slot 7

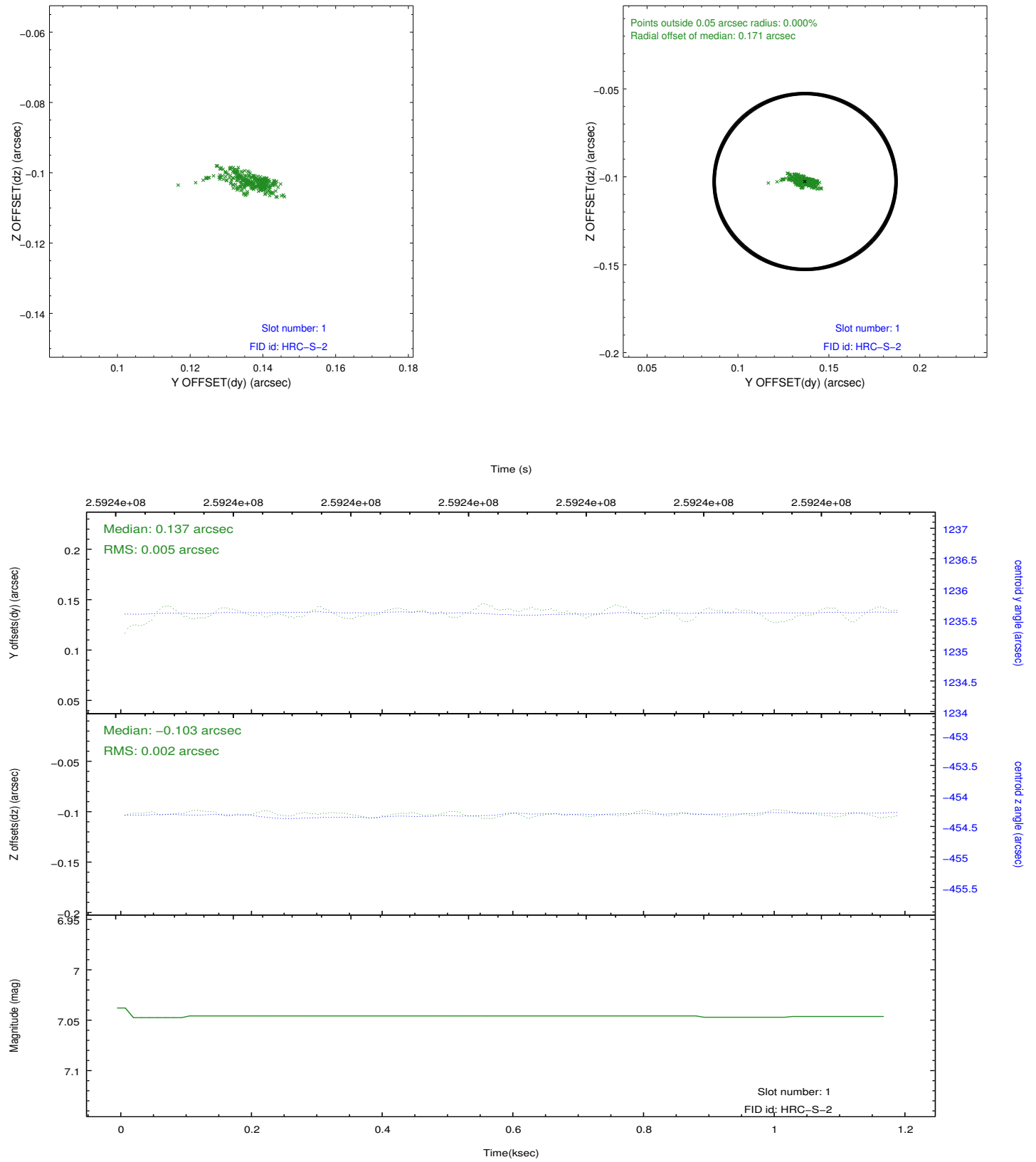


2.5 FID Slots

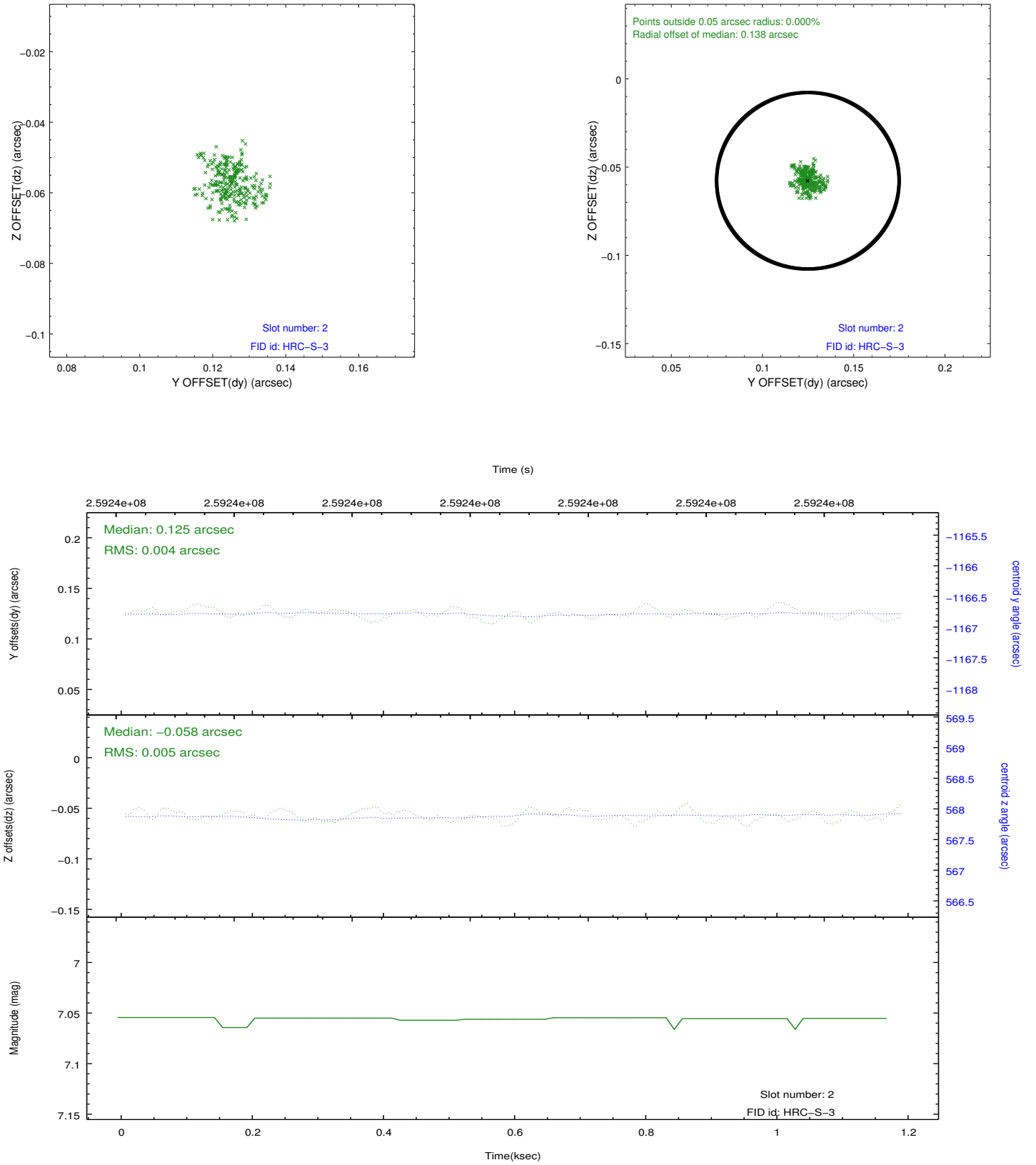
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1533813

A.2 Comments