

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11941 - L2 Version 2
Chandra X-Ray Center

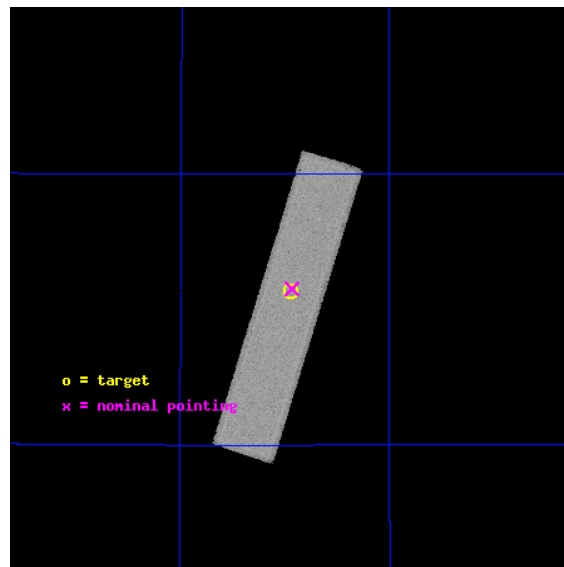
L2 Processing Date : Jun 27 2012

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

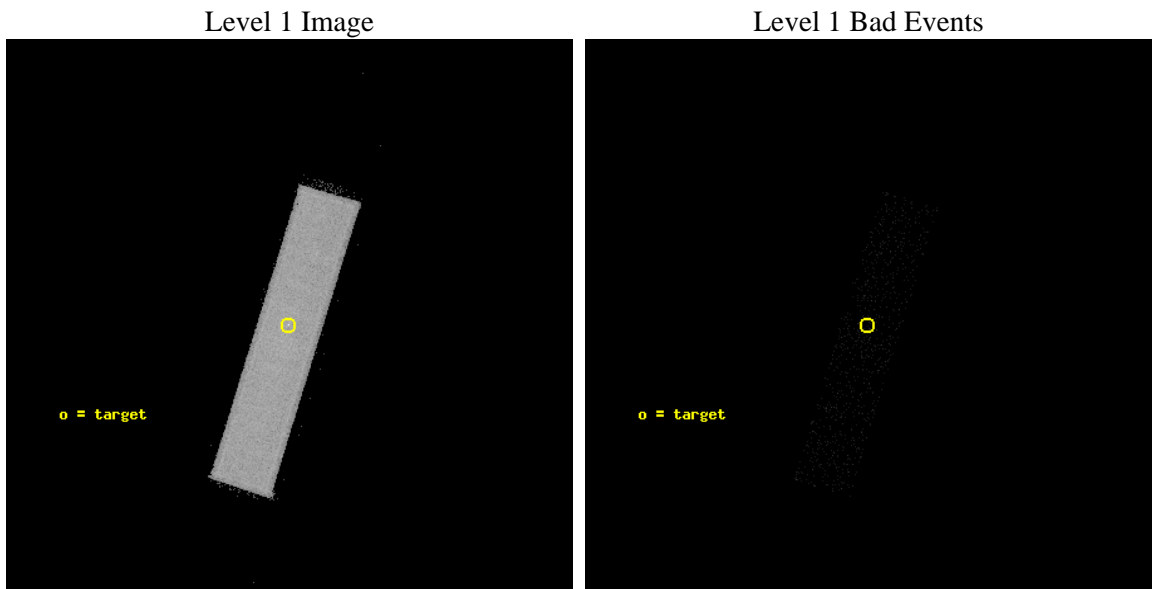
seq_num	290930	Sequence number
obs_id	11941	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23347075623	Nominal RA [deg]
dec_nom	38.788380758671	Nominal Dec [deg]
roll_nom	107.1898425921	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2158.6501097679	[s]
livetime	2141.0662072211	Ontime multiplied by DTCOR
l2events	123119	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2158.6501097679	[s]
caldsver	4.5.0	 	l1events	153699	Number of level 1 events
date	2012-06-27T18:11:32	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

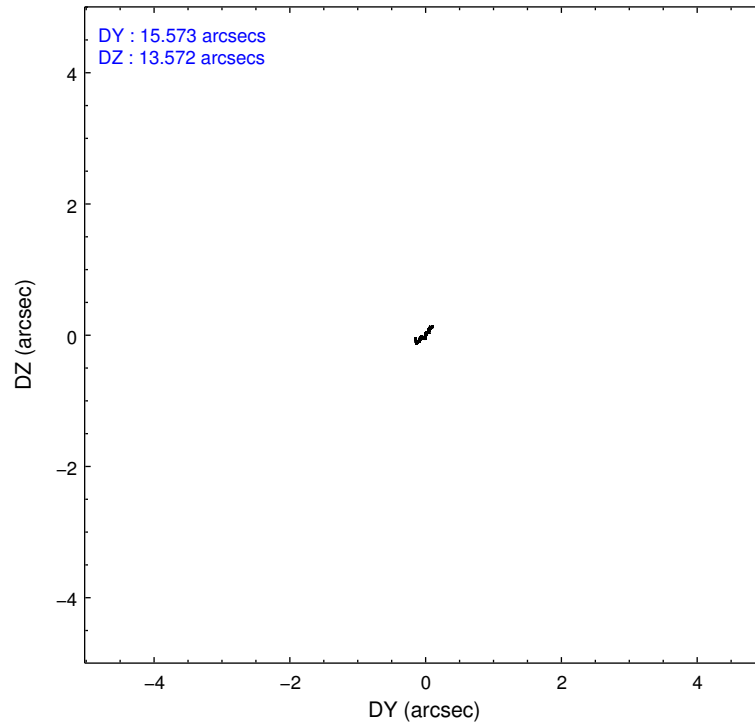
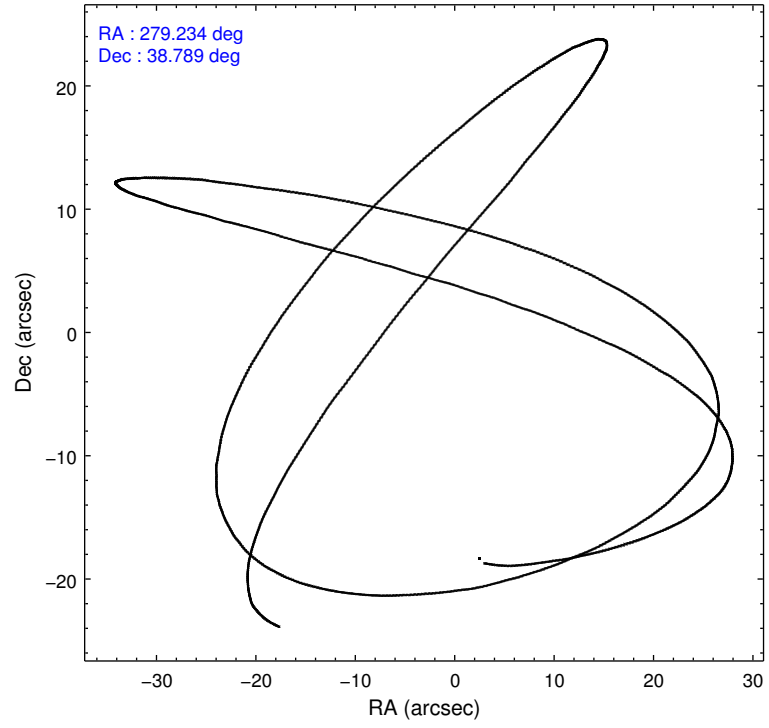
	segment 1	segment 2	segment 3
level 1 events	2	153691	6
rejected events	2	5861	6
rejected %	100%	3%	100%

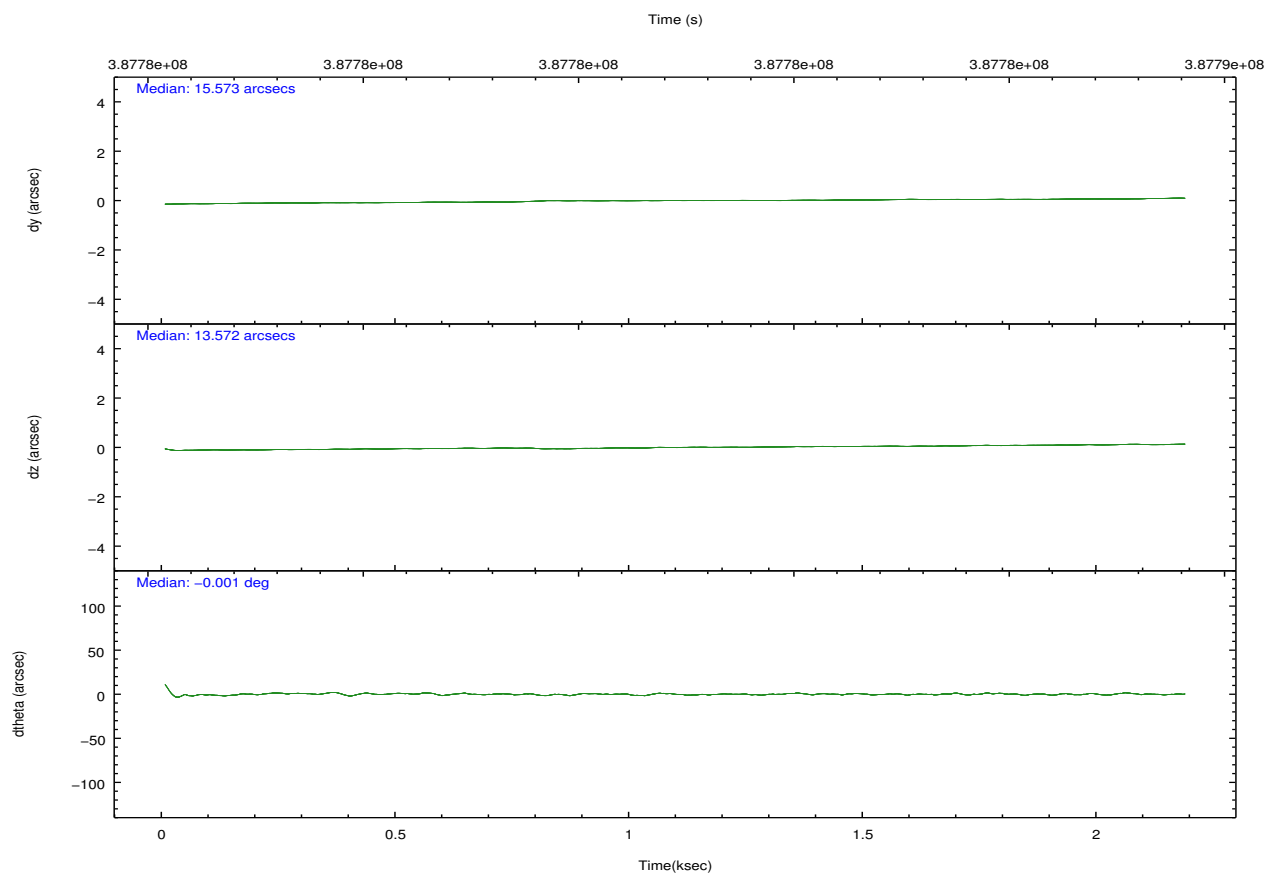
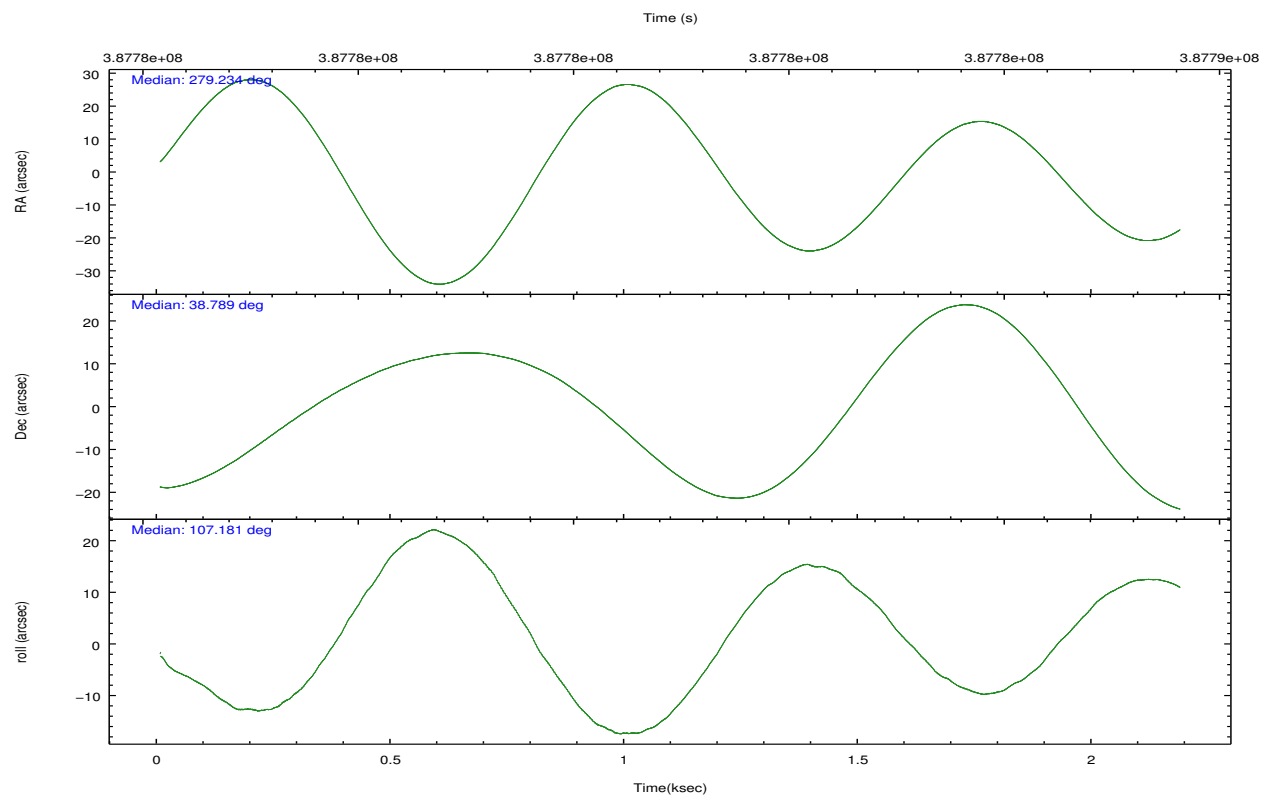
2.2 Compared Parameters

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	279.261510	279.2334707562294
[deg] Pointing Dec	38.769915	38.78838075867068
[deg] Pointing Roll	107.104945	107.1898425921029
[s] Window start time (MET)	383788866.184000	383788866.184000
[s] Window stop time (MET)	391651266.184000	391651266.184000
[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)	387783326.184000	387782947.61016
Observation start date	2010-04-16T05:34:20	2010-04-16T05:29:07
[s] Observation end time (MET)	387785326.184000	387786322.93533
Observation end date	2010-04-16T06:07:40	2010-04-16T06:25:22

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

2.3 Aspect



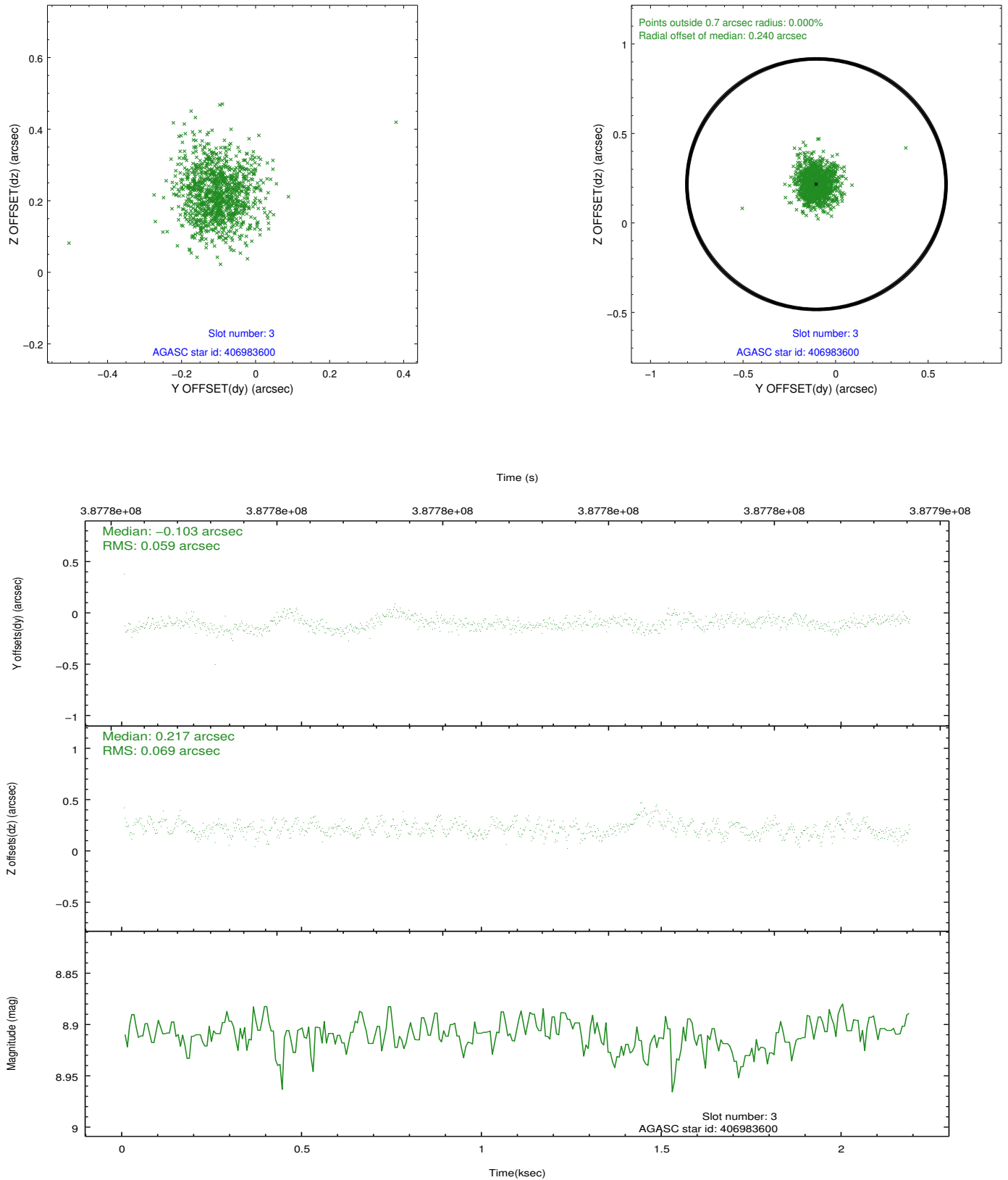


Slot Statistics

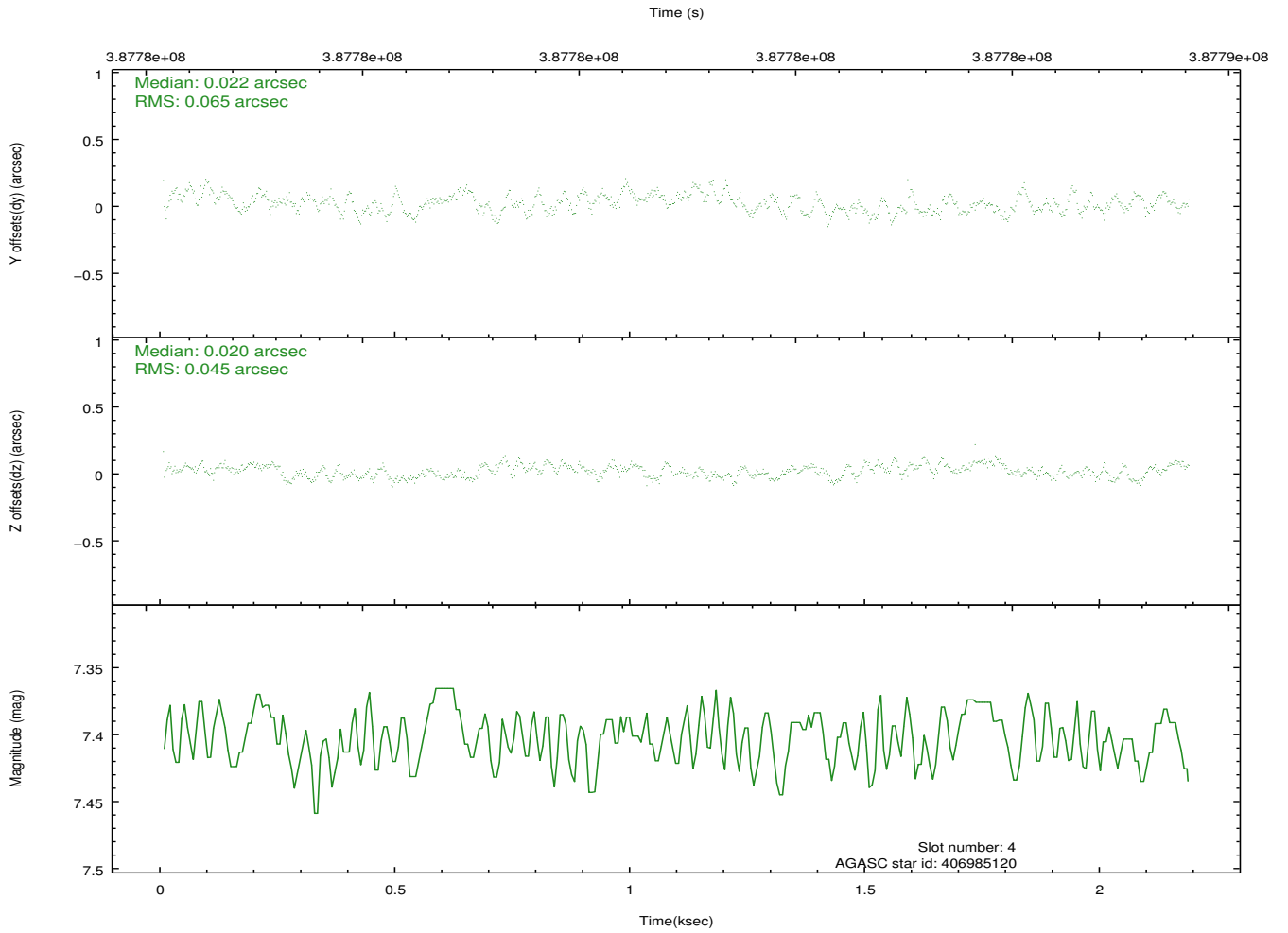
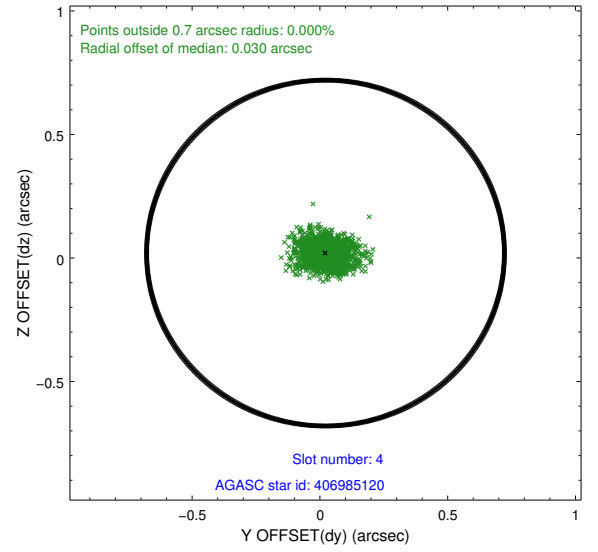
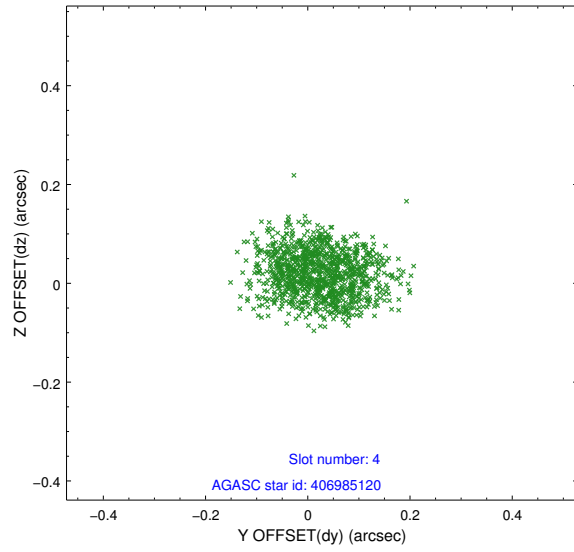
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	533	0.061	-0.173	0.008	0.013	0.000000	0.000000	-1170.02	-462.34
1	FID	HRC-S-3	6.98	533	0.063	-0.053	0.008	0.015	0.000000	0.000000	-1174.88	566.43
2	FID	HRC-S-4	6.91	533	0.264	-0.070	0.005	0.007	0.000000	0.000000	1226.27	570.79
3	GUIDE	406983600	8.91	1065	-0.103	0.217	0.094	0.155	279.940957	39.020708	310.08	-2083.47
4	GUIDE	406985120	7.40	1066	0.022	0.020	0.084	0.134	278.839732	38.894839	780.44	995.42
5	GUIDE	406987272	6.95	1065	0.015	-0.395	0.072	0.114	278.536588	38.437504	-533.55	2304.75
6	GUIDE	407521232	8.64	1066	-0.091	0.164	0.101	0.174	279.628883	39.431715	1978.57	-1674.31
7	GUIDE	406993992	7.62	1065	0.151	-0.012	0.070	0.109	279.053714	38.034587	-2354.47	1340.13

2.4 Star Slots

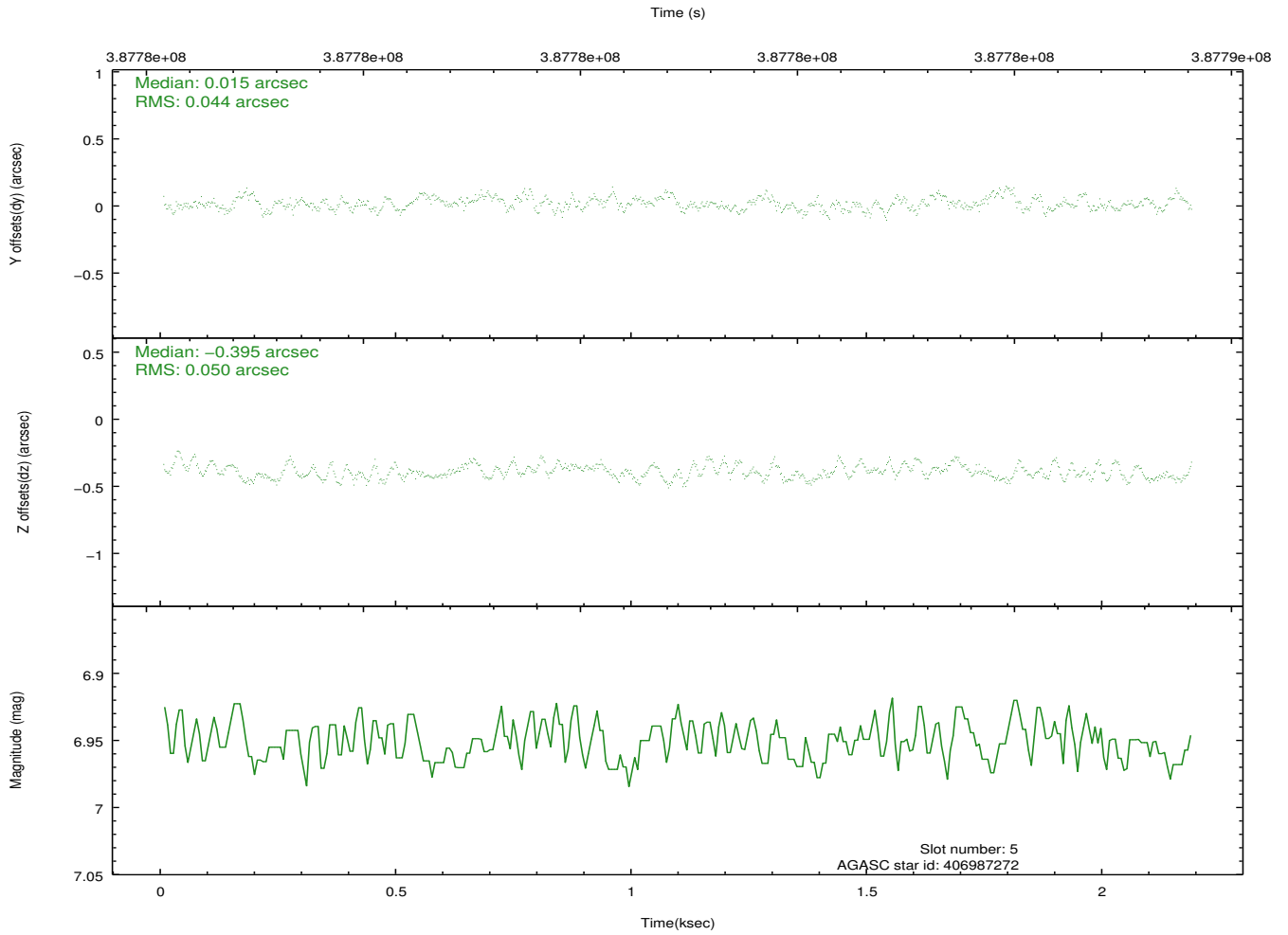
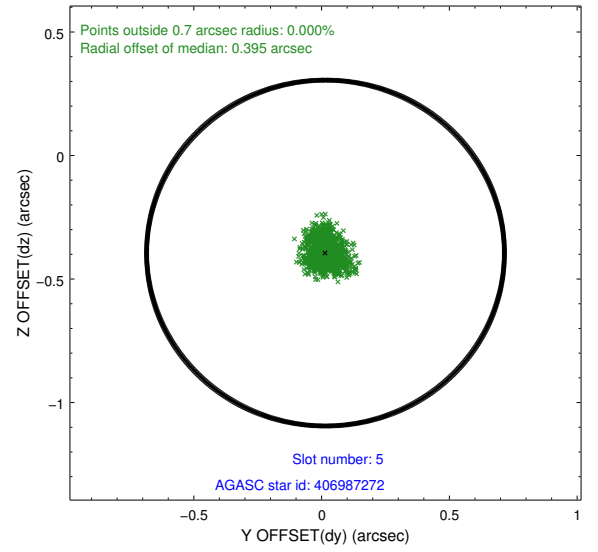
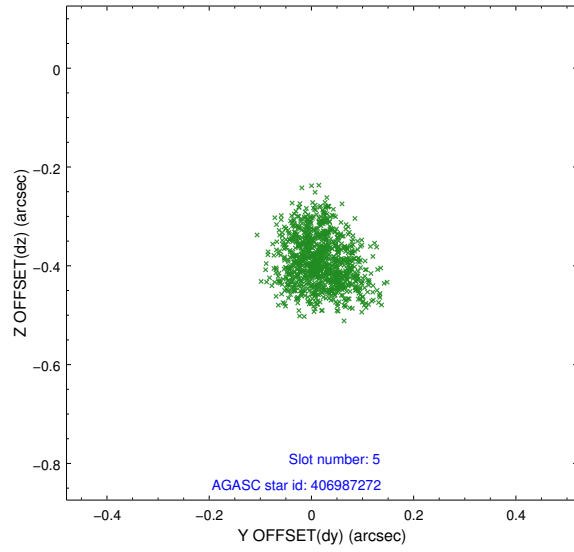
2.4.1 Slot 3



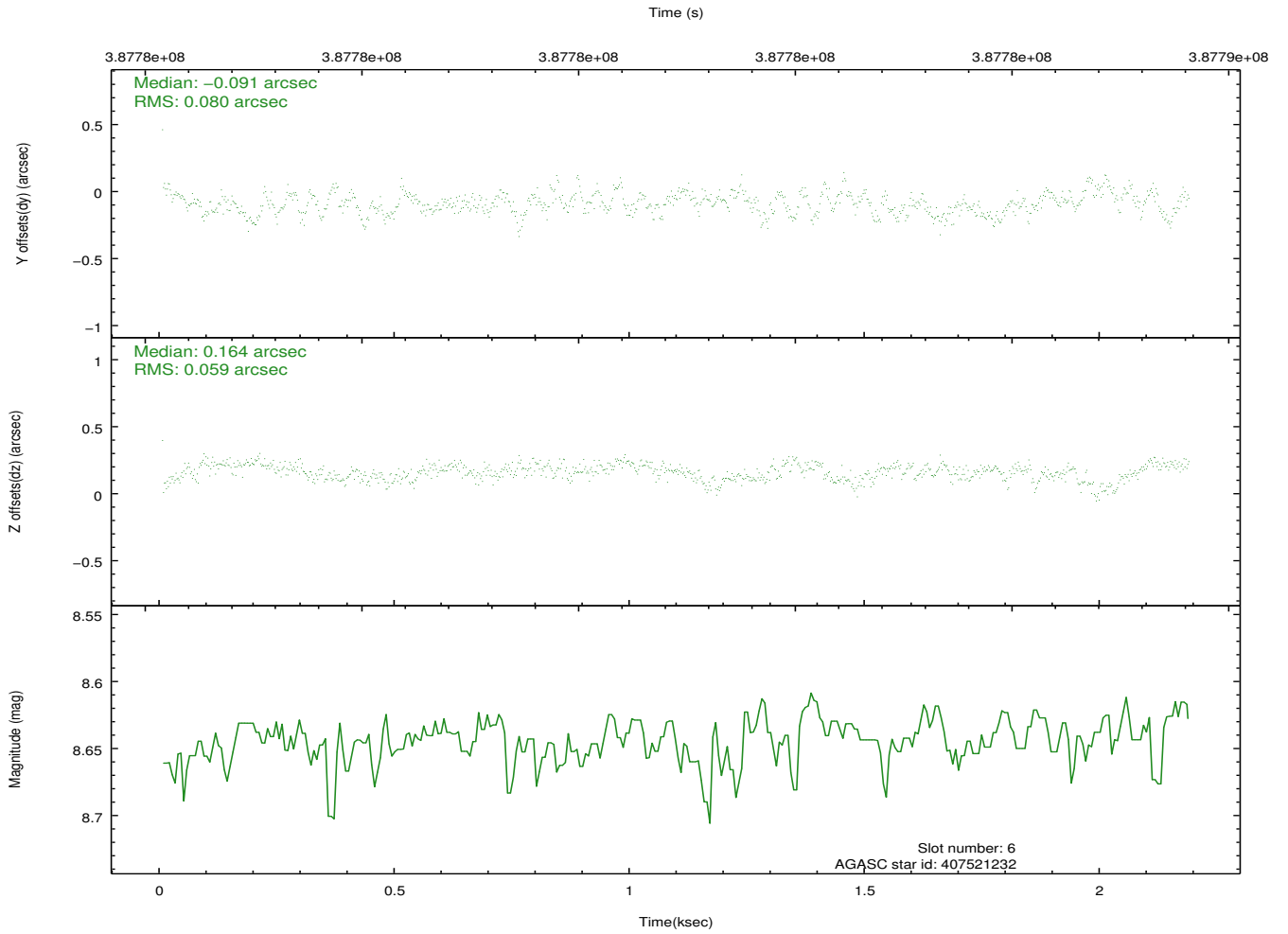
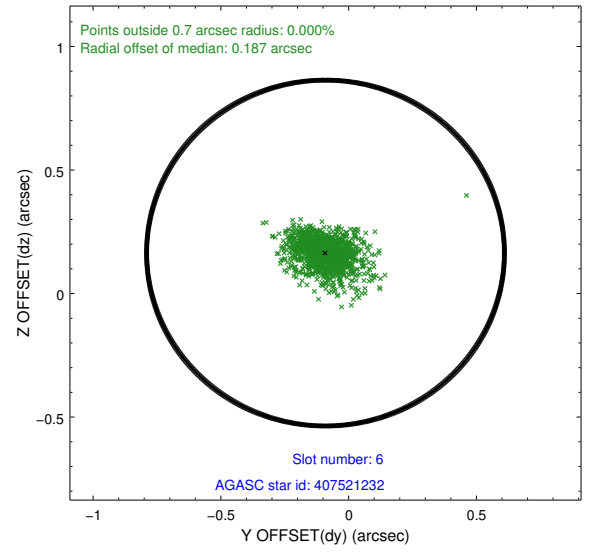
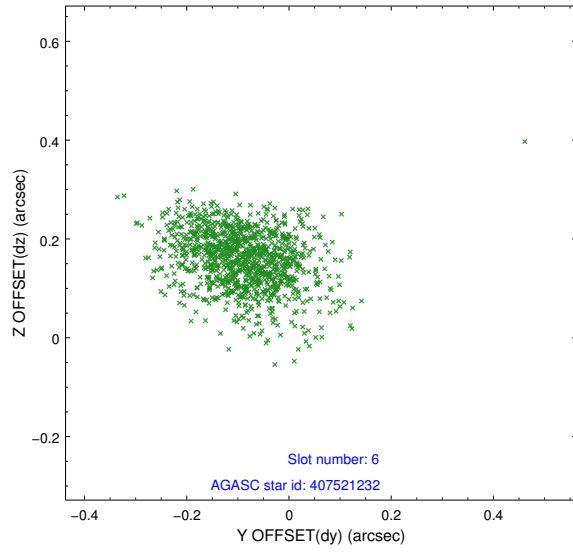
2.4.2 Slot 4



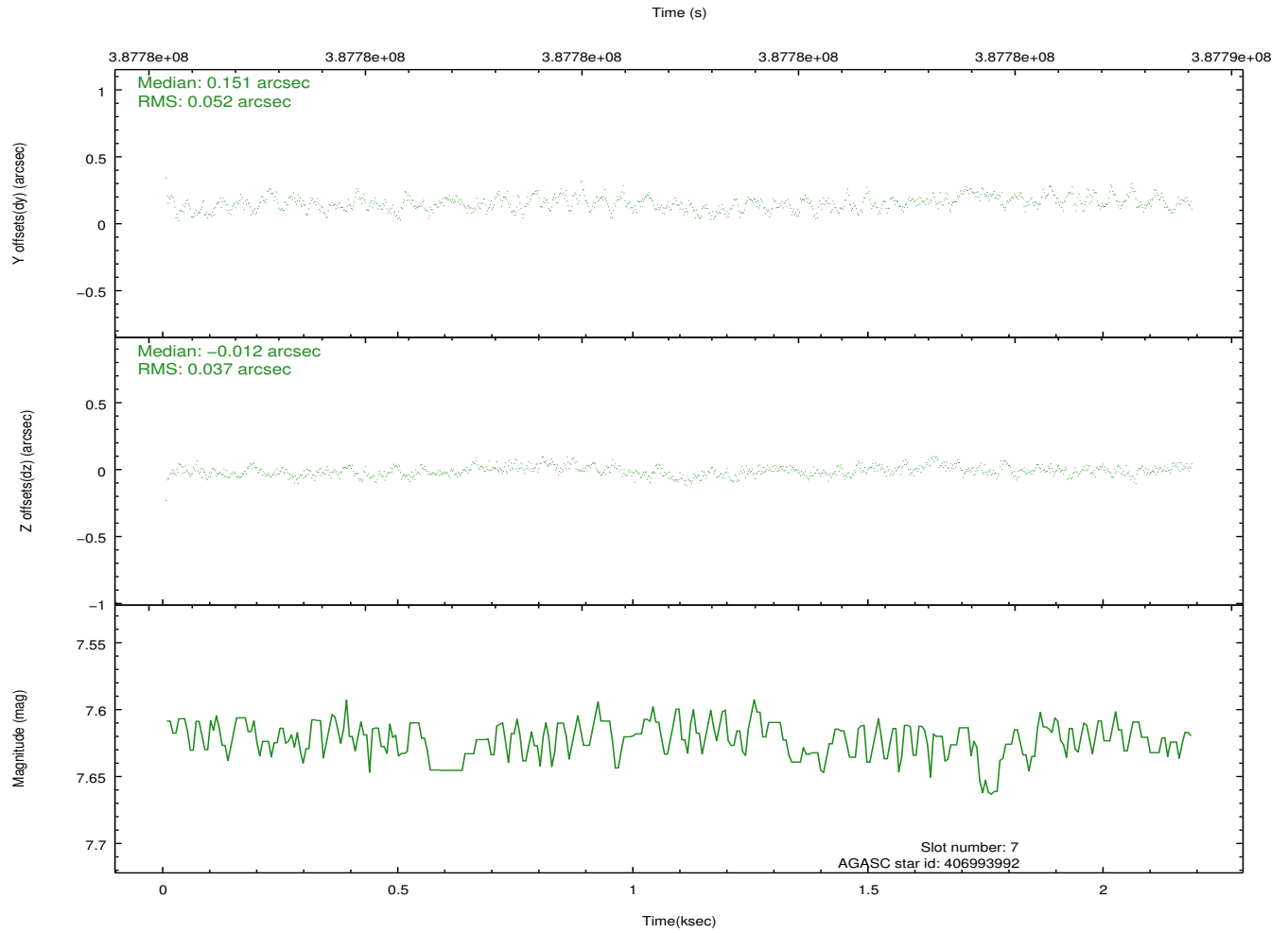
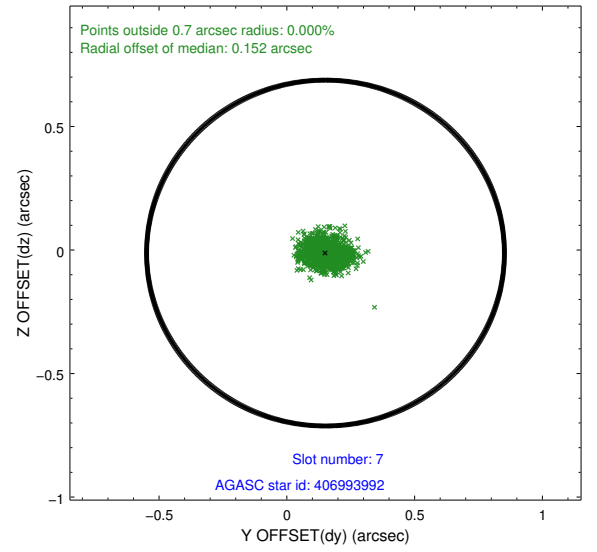
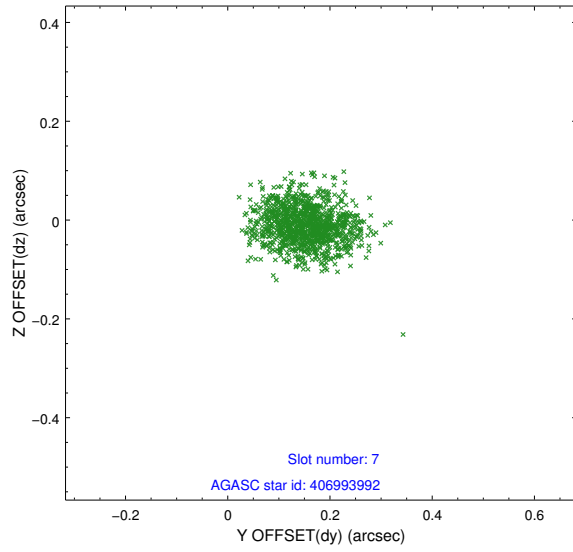
2.4.3 Slot 5



2.4.4 Slot 6

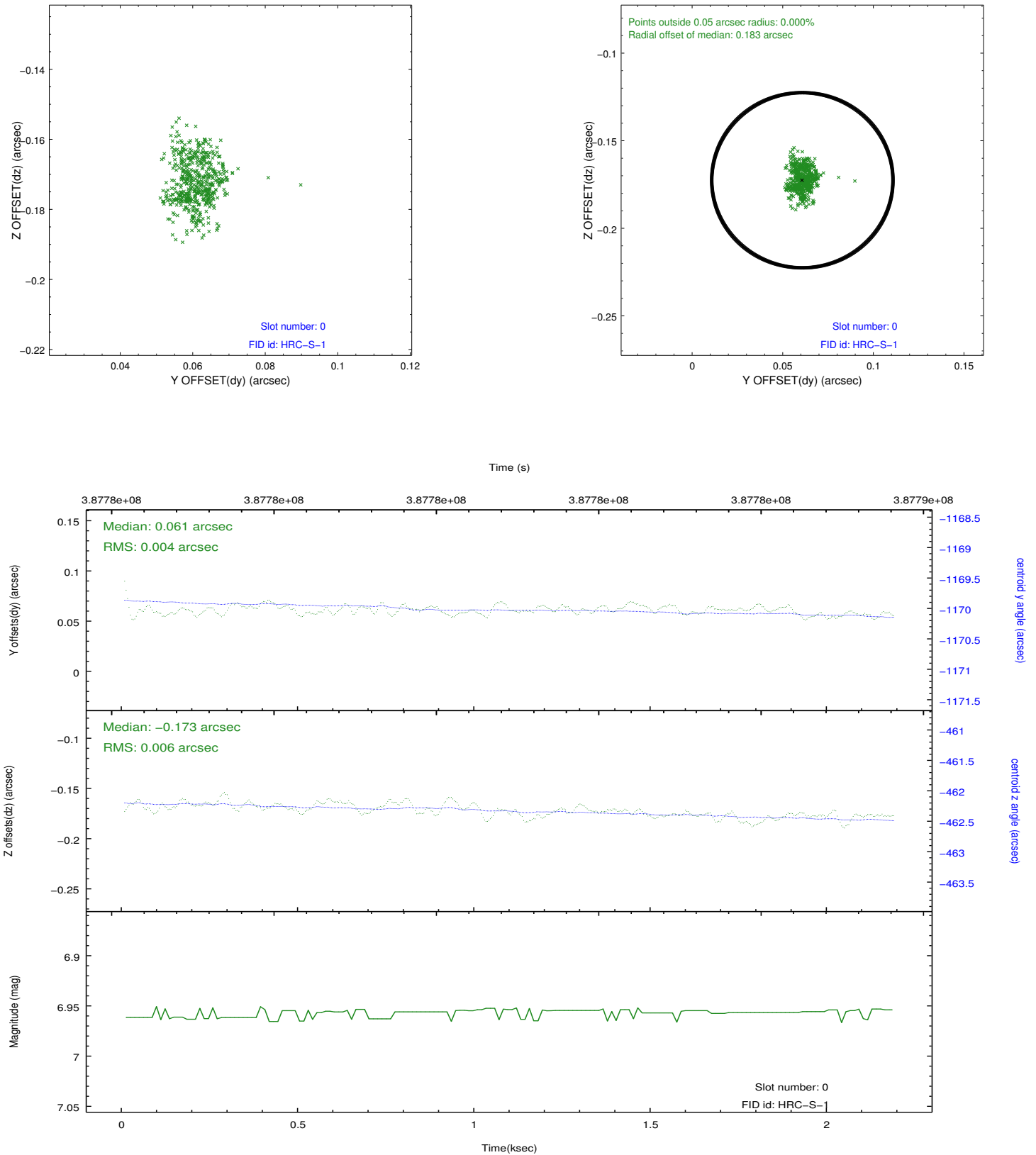


2.4.5 Slot 7

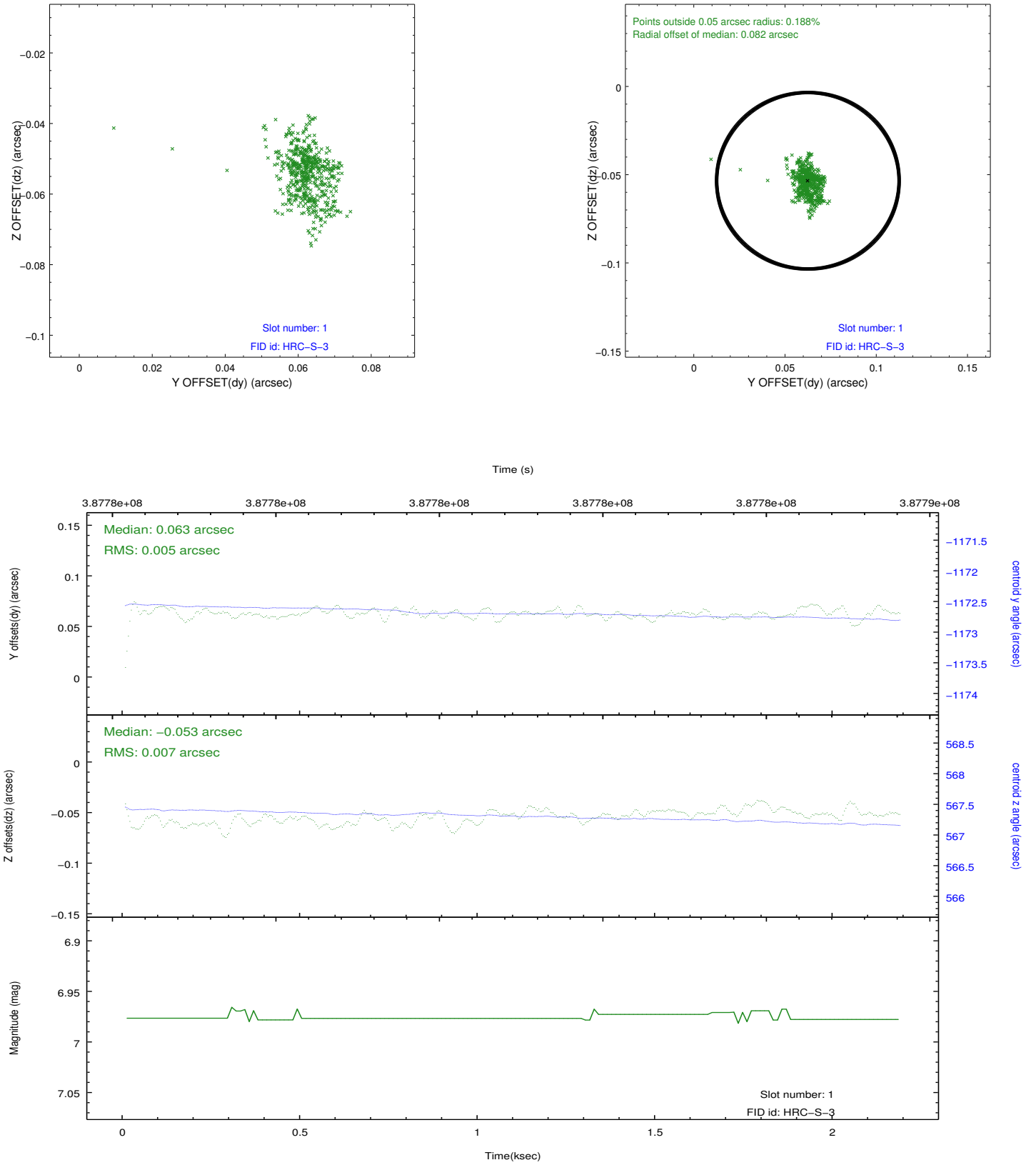


2.5 FID Slots

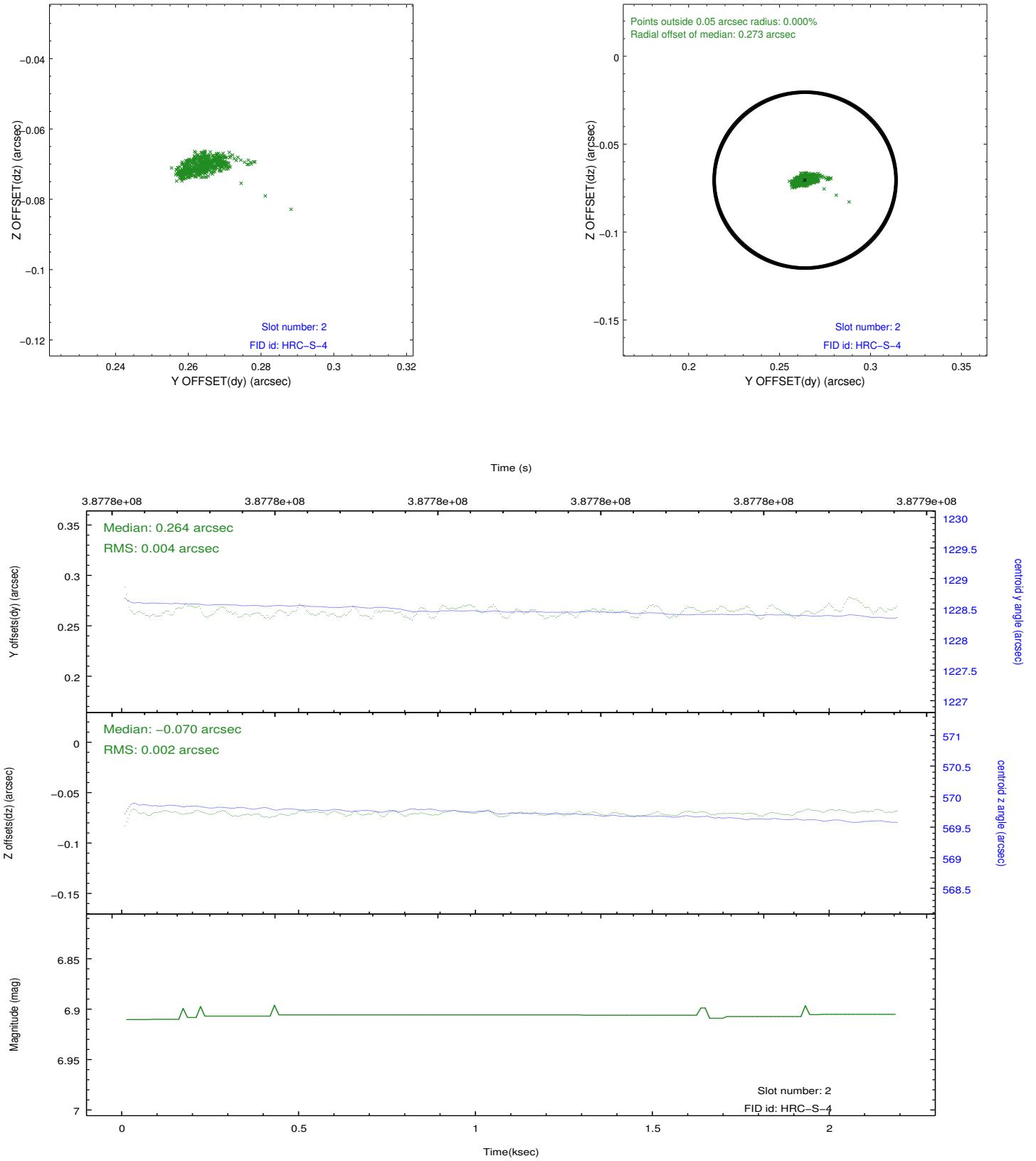
2.5.1 Slot 0



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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1586501097679

A.2 Comments

Window constraint met.