

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11944 - L2 Version 2
Chandra X-Ray Center

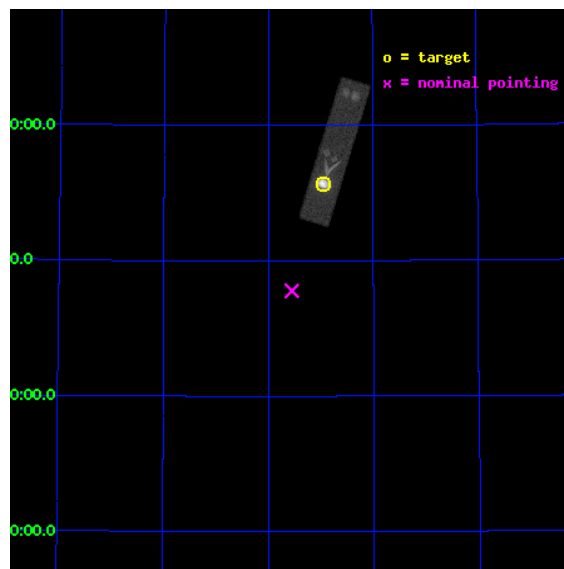
L2 Processing Date : Jun 27 2012

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

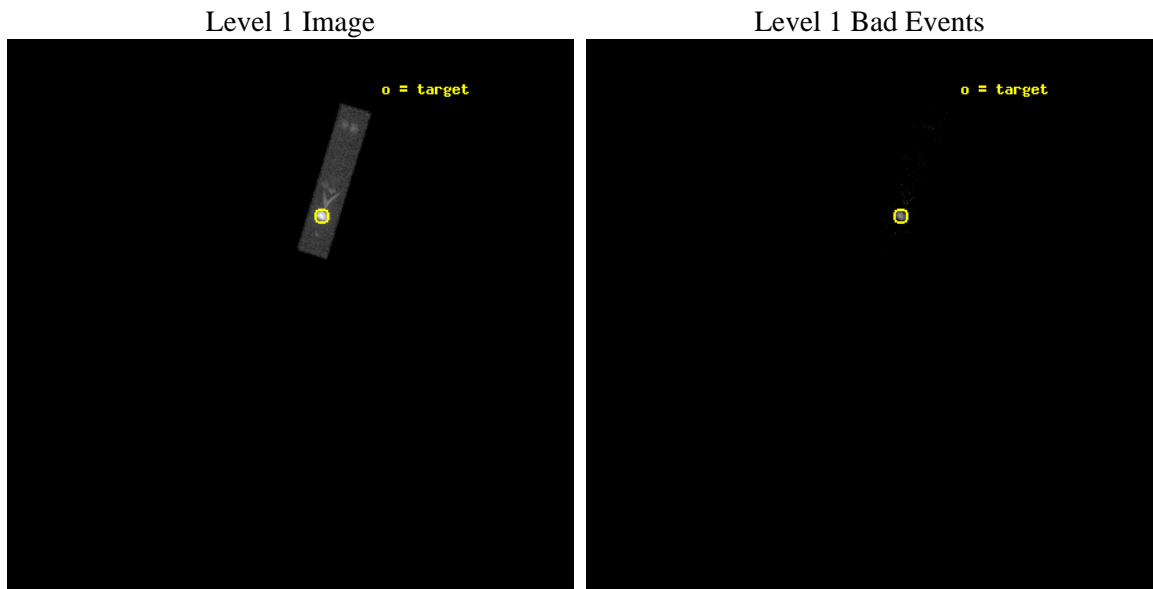
seq_num	290933	Sequence number
obs_id	11944	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.38831583853	Nominal RA [deg]
dec_nom	38.389537357077	Nominal Dec [deg]
roll_nom	107.01705133512	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1180.0313100219	[s]
liveltime	481.63688521244	Ontime multiplied by DTCOR
l2events	208901	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1180.0313100219	[s]
caldbver	4.5.0	 	l1events	253809	Number of level 1 events
date	2012-06-27T18:30:56	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

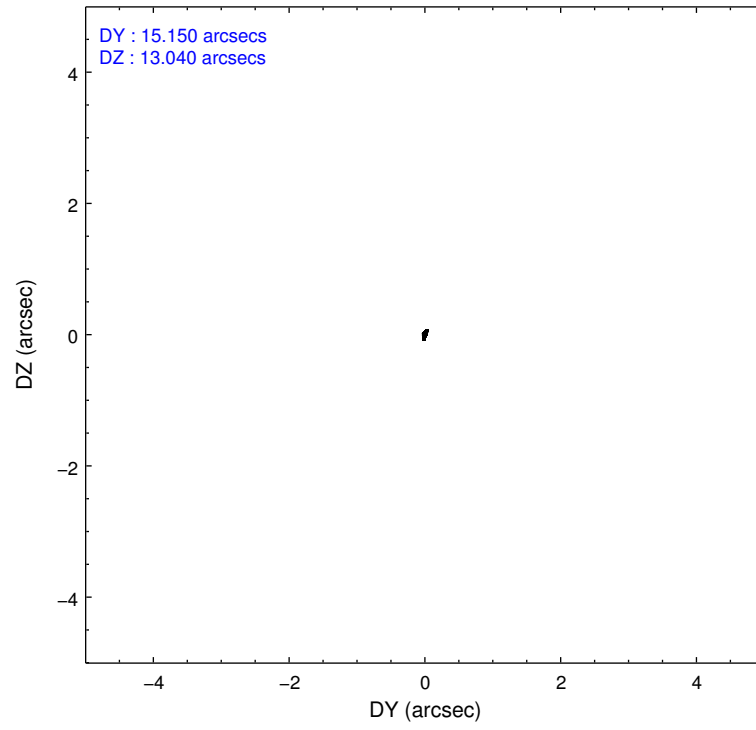
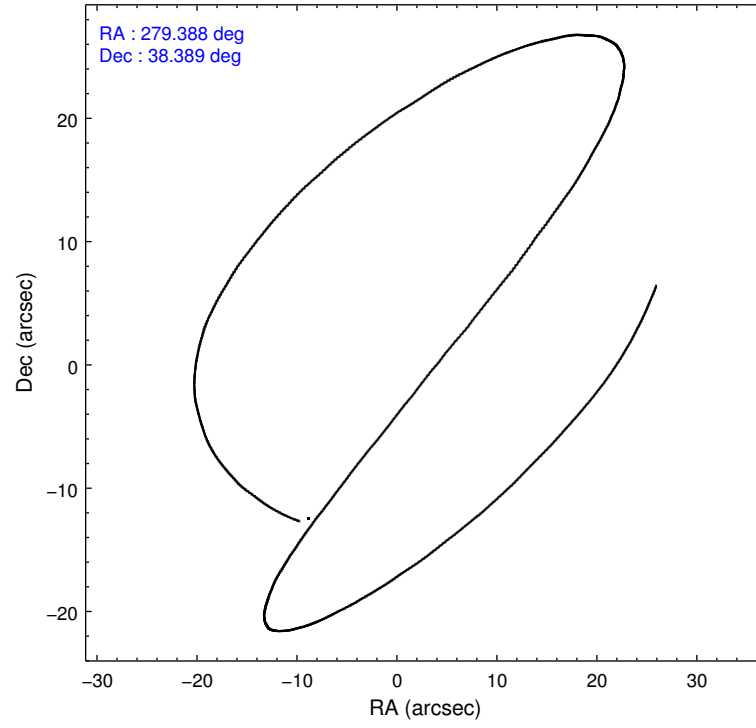
	segment 1	segment 2	segment 3
level 1 events	0	11	253798
rejected events	0	2	36222
rejected %	0%	18%	14%

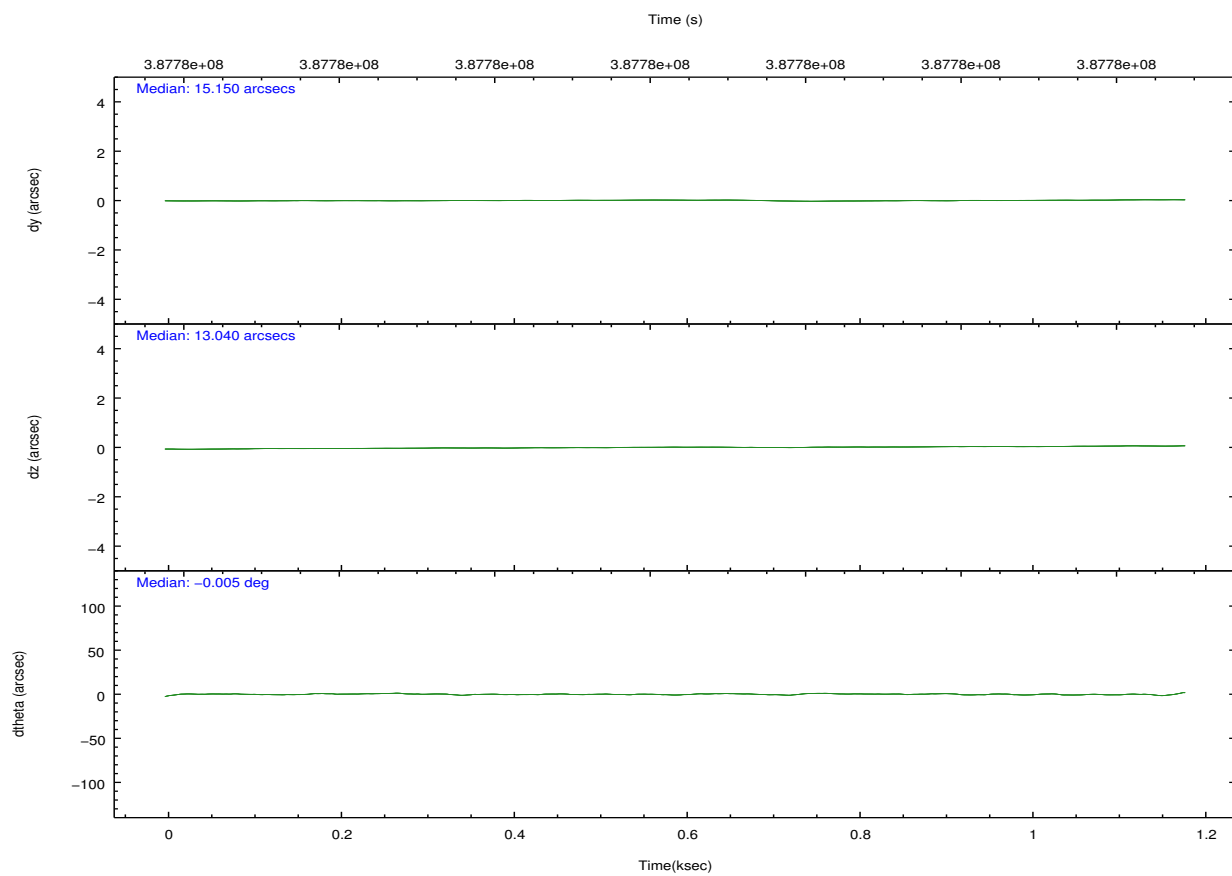
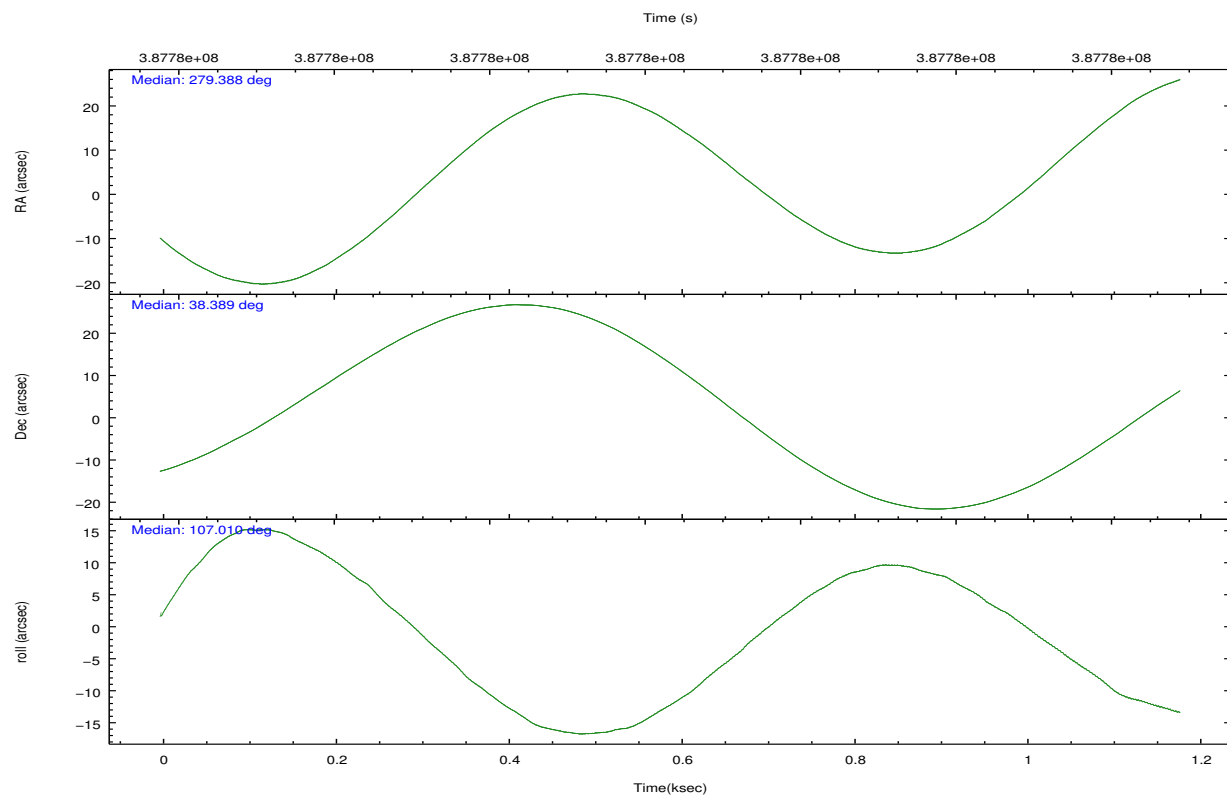
2.2 Compared Parameters

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	279.417123	279.3883158385262
[deg] Pointing Dec	38.371376	38.38953735707733
[deg] Pointing Roll	106.931862	107.017051335116
[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)	387779216.184000	387778839.92245
Observation start date	2010-04-16T04:25:50	2010-04-16T04:20:39
[s] Observation end time (MET)	387780216.184000	387780392.28503
Observation end date	2010-04-16T04:42:30	2010-04-16T04:46:32

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

2.3 Aspect



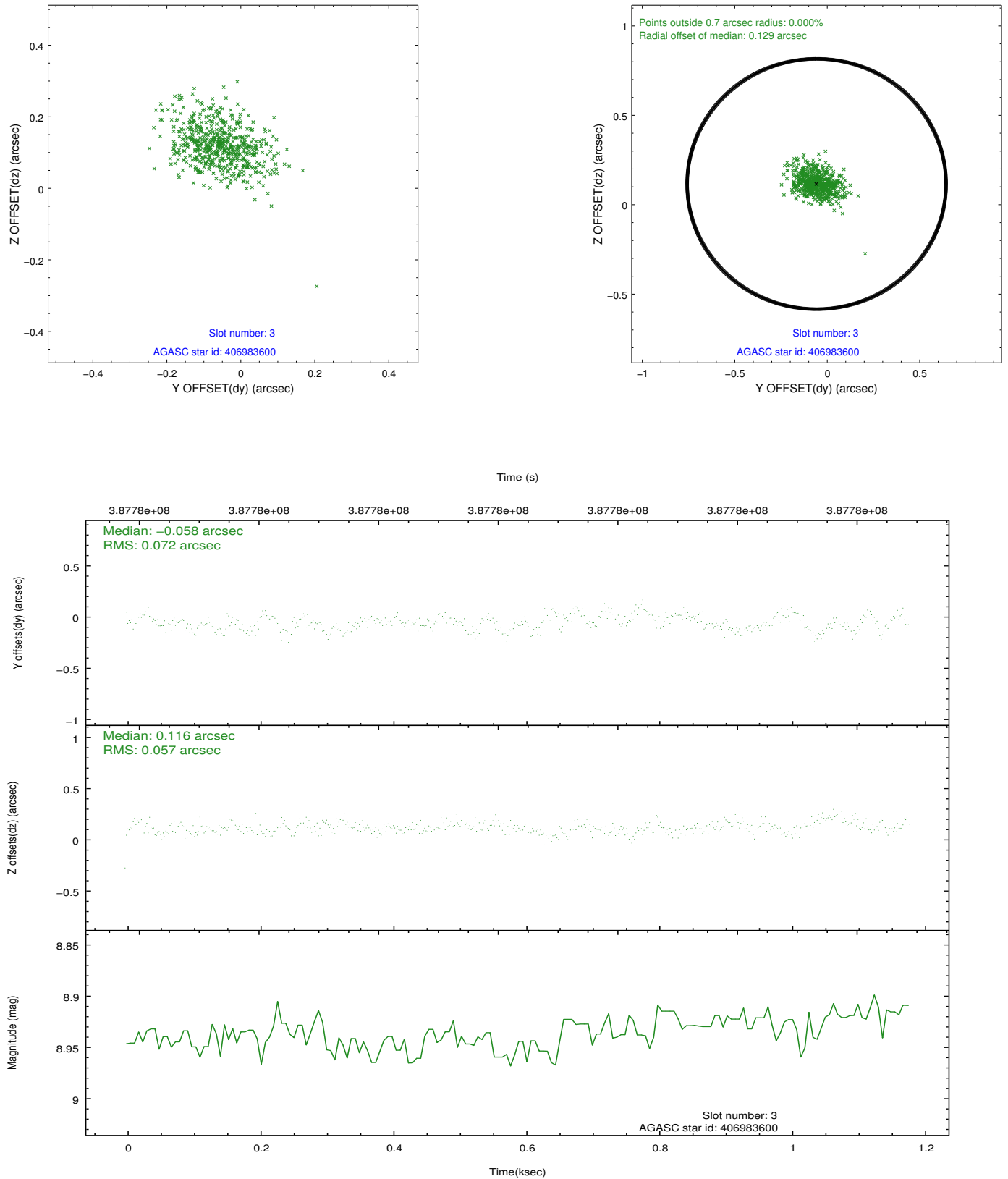


Slot Statistics

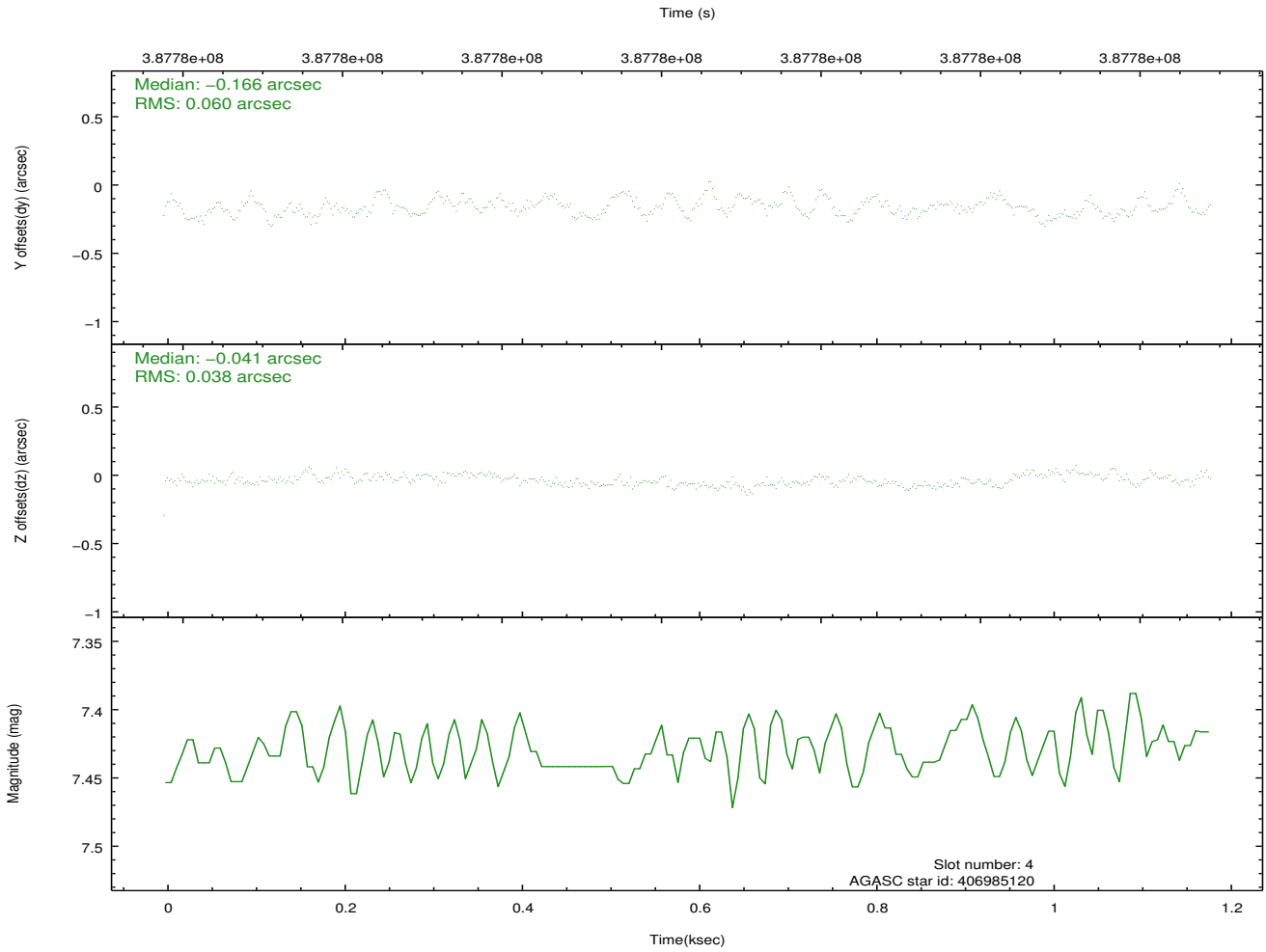
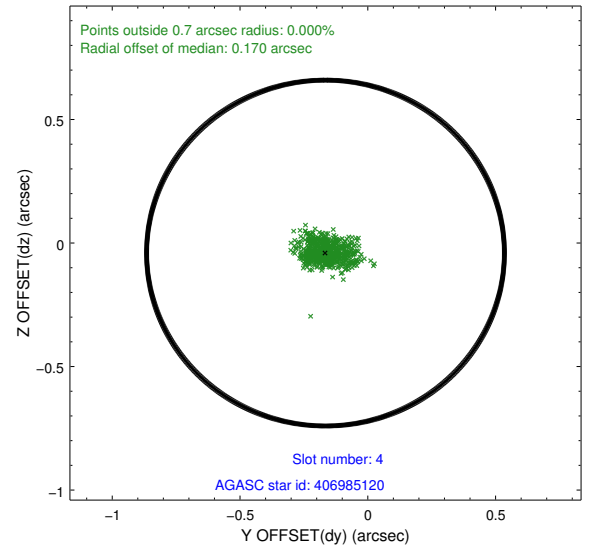
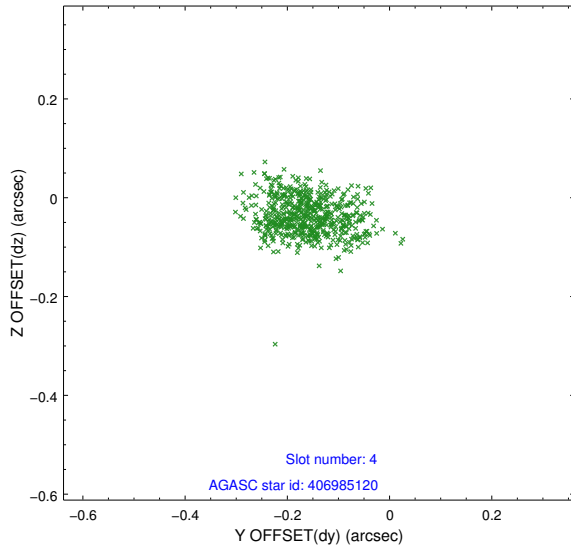
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	288	0.038	-0.133	0.007	0.010	0.000000	0.000000	-1169.59	-461.83
1	FID	HRC-S-2	6.94	288	0.244	-0.110	0.005	0.009	0.000000	0.000000	1226.22	-456.00
2	FID	HRC-S-3	6.97	288	0.108	-0.060	0.006	0.011	0.000000	0.000000	-1168.00	566.18
3	GUIDE	406983600	8.94	577	-0.058	0.116	0.095	0.167	279.940957	39.020708	1813.38	-2086.24
4	GUIDE	406985120	7.43	577	-0.166	-0.041	0.076	0.123	278.839732	38.894839	2282.35	991.78
5	GUIDE	406992120	8.74	577	0.109	-0.100	0.098	0.164	278.923185	37.670464	-1994.97	2079.44
6	GUIDE	406992968	7.66	577	0.077	0.180	0.066	0.102	279.925490	37.993090	-1721.08	-982.93
7	GUIDE	406993992	7.63	576	0.025	-0.153	0.076	0.123	279.053714	38.034587	-860.63	1333.68

2.4 Star Slots

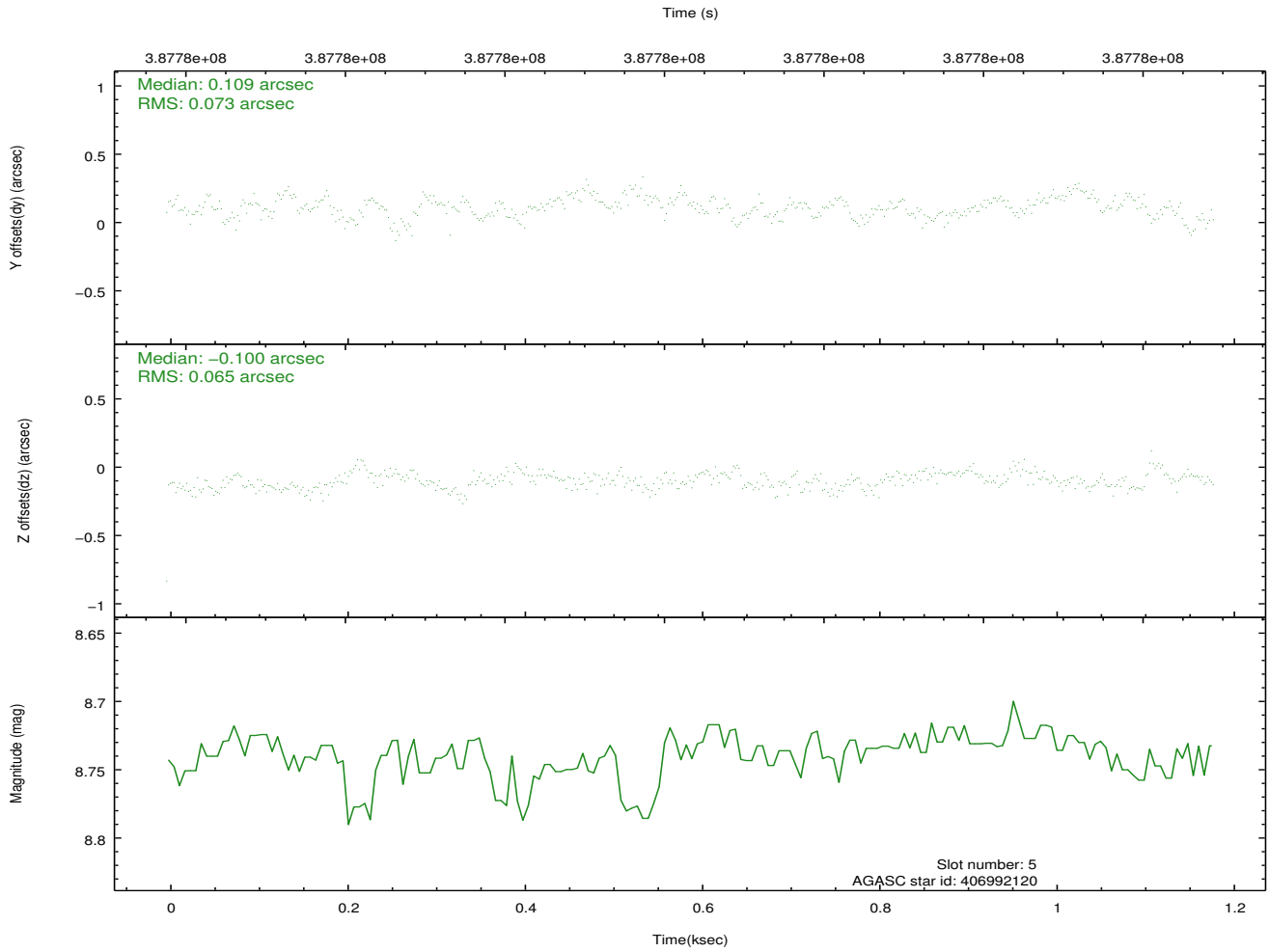
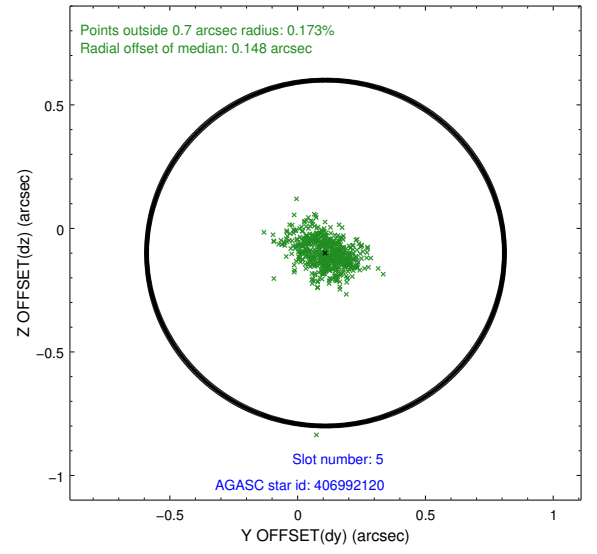
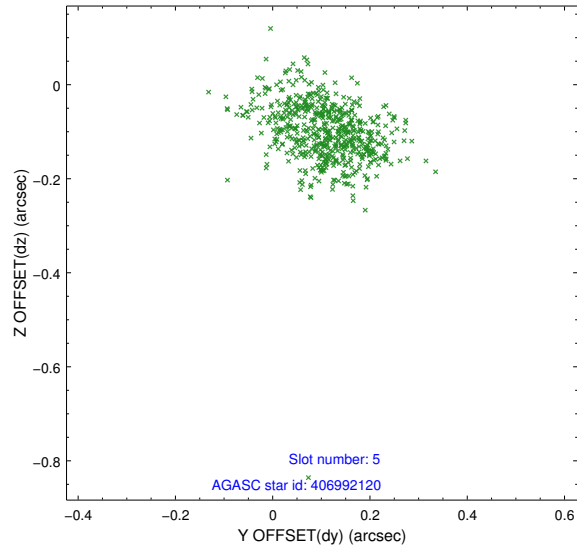
2.4.1 Slot 3



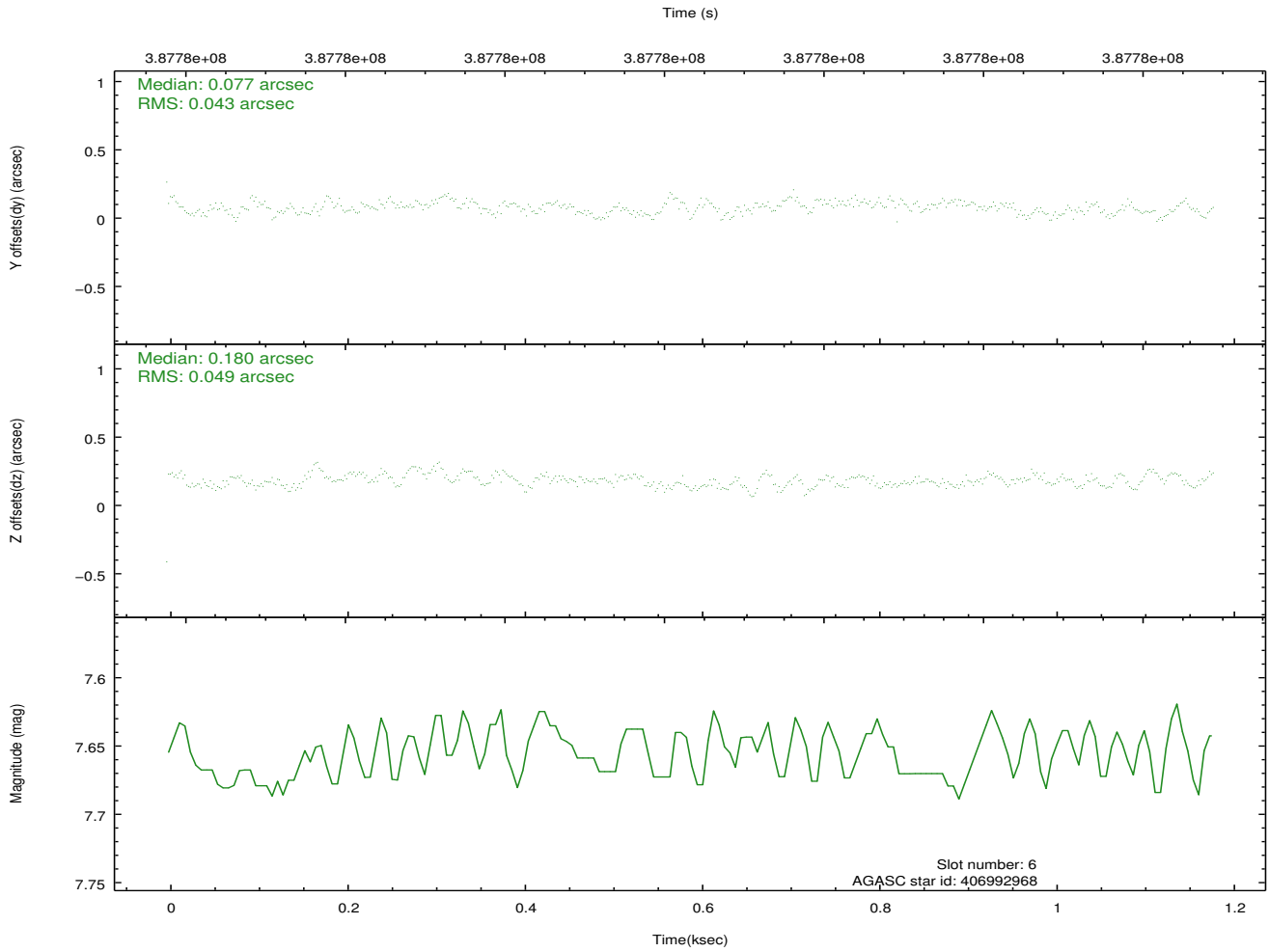
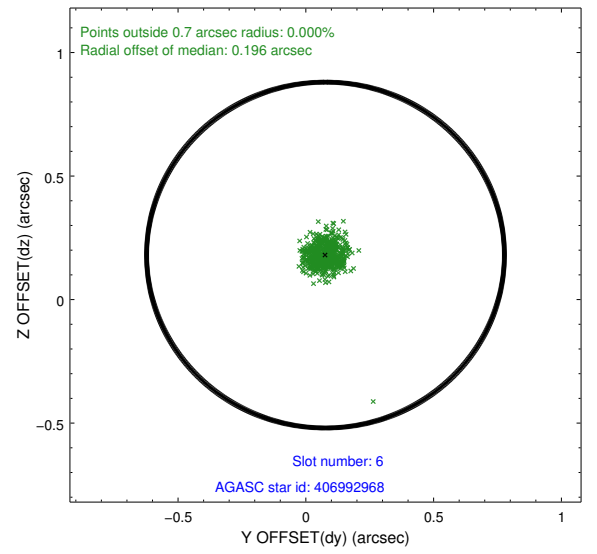
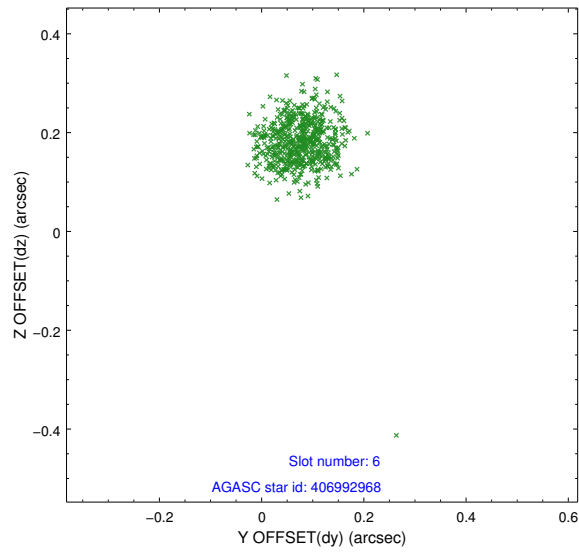
2.4.2 Slot 4



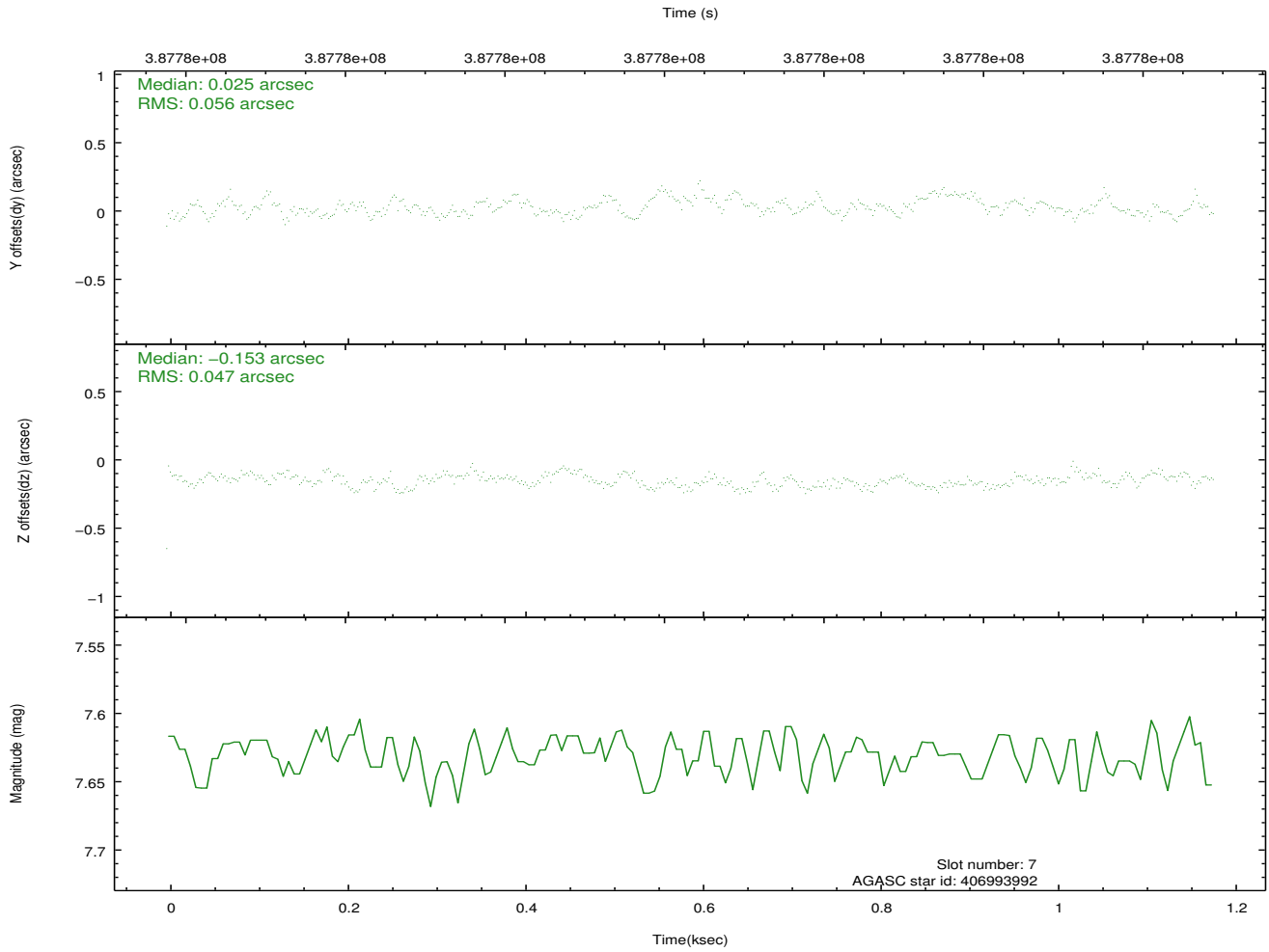
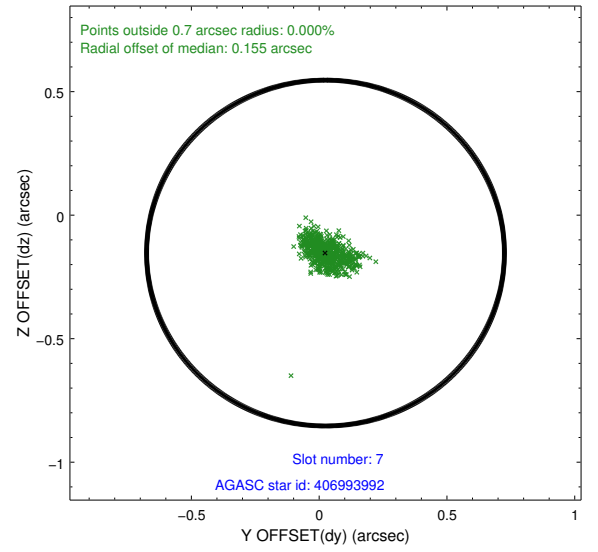
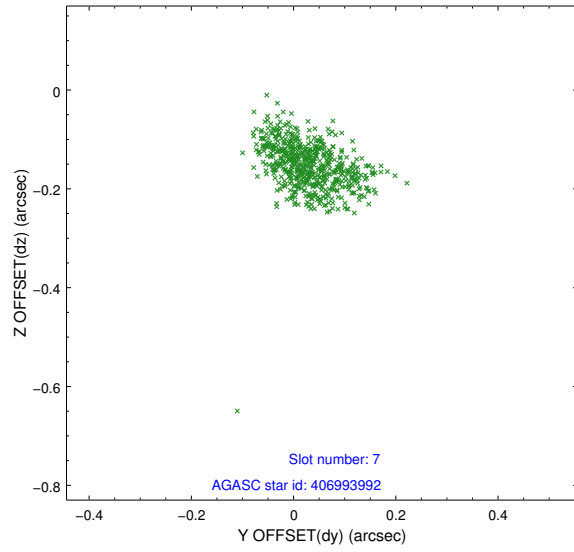
2.4.3 Slot 5



2.4.4 Slot 6

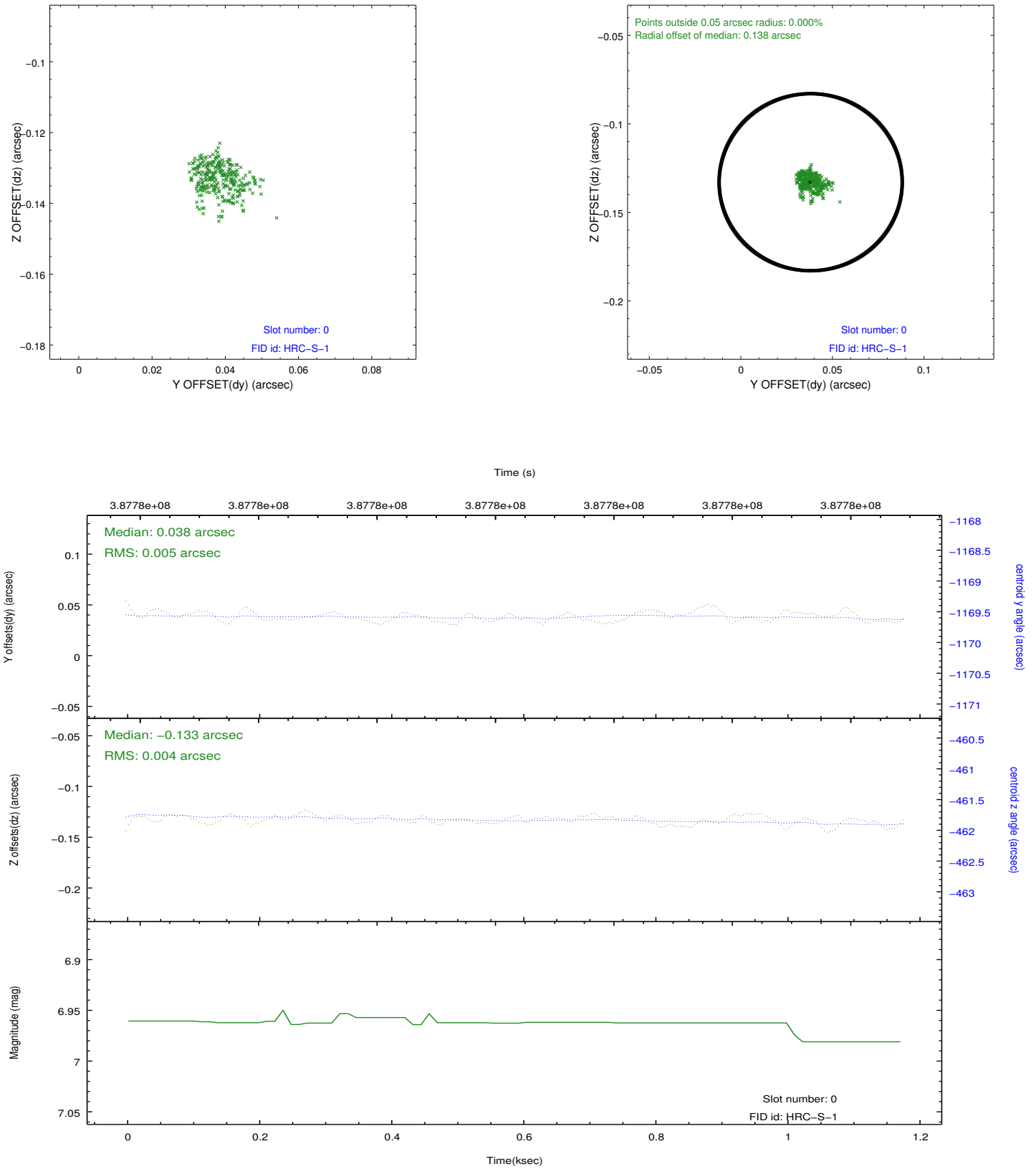


2.4.5 Slot 7

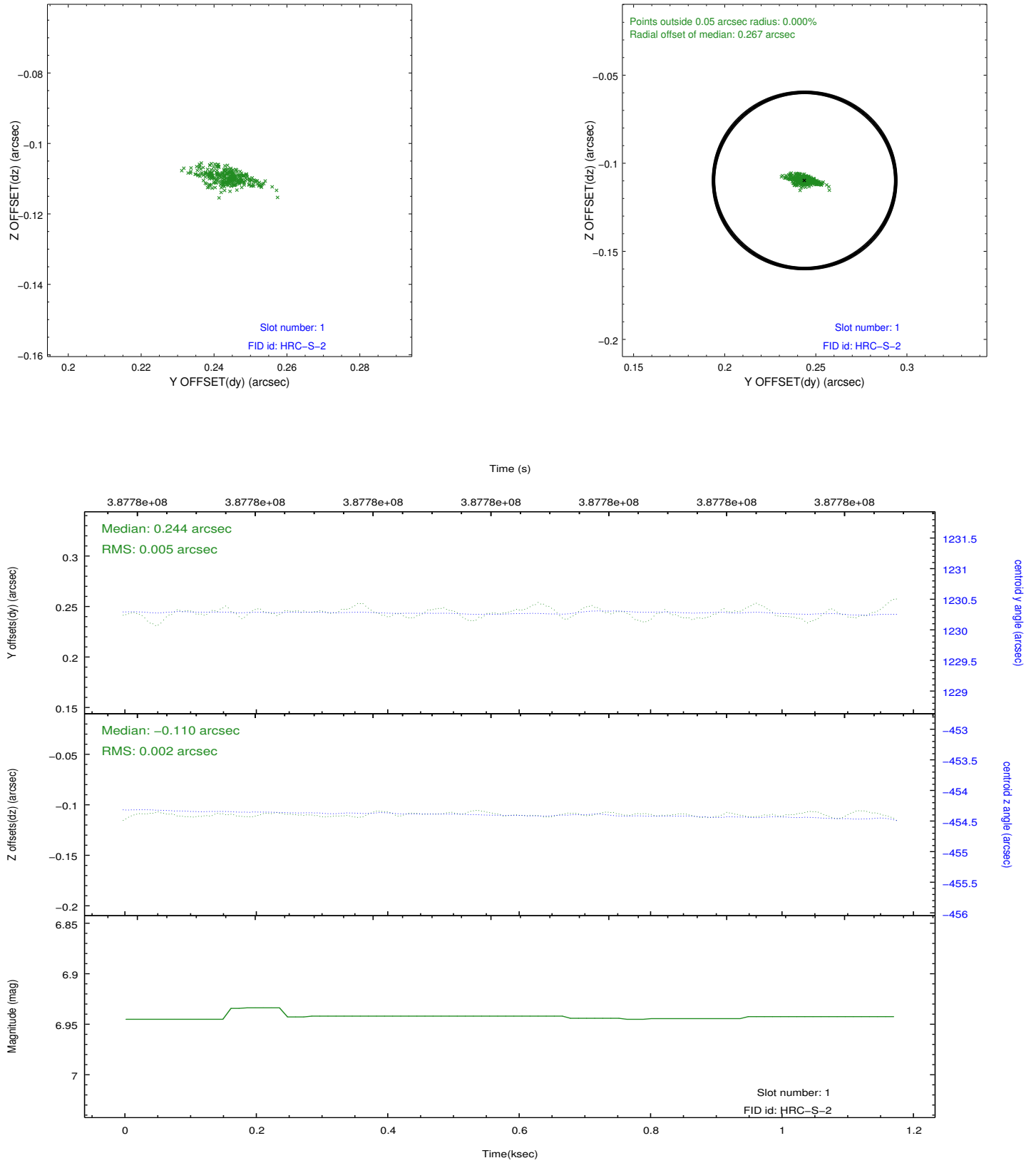


2.5 FID Slots

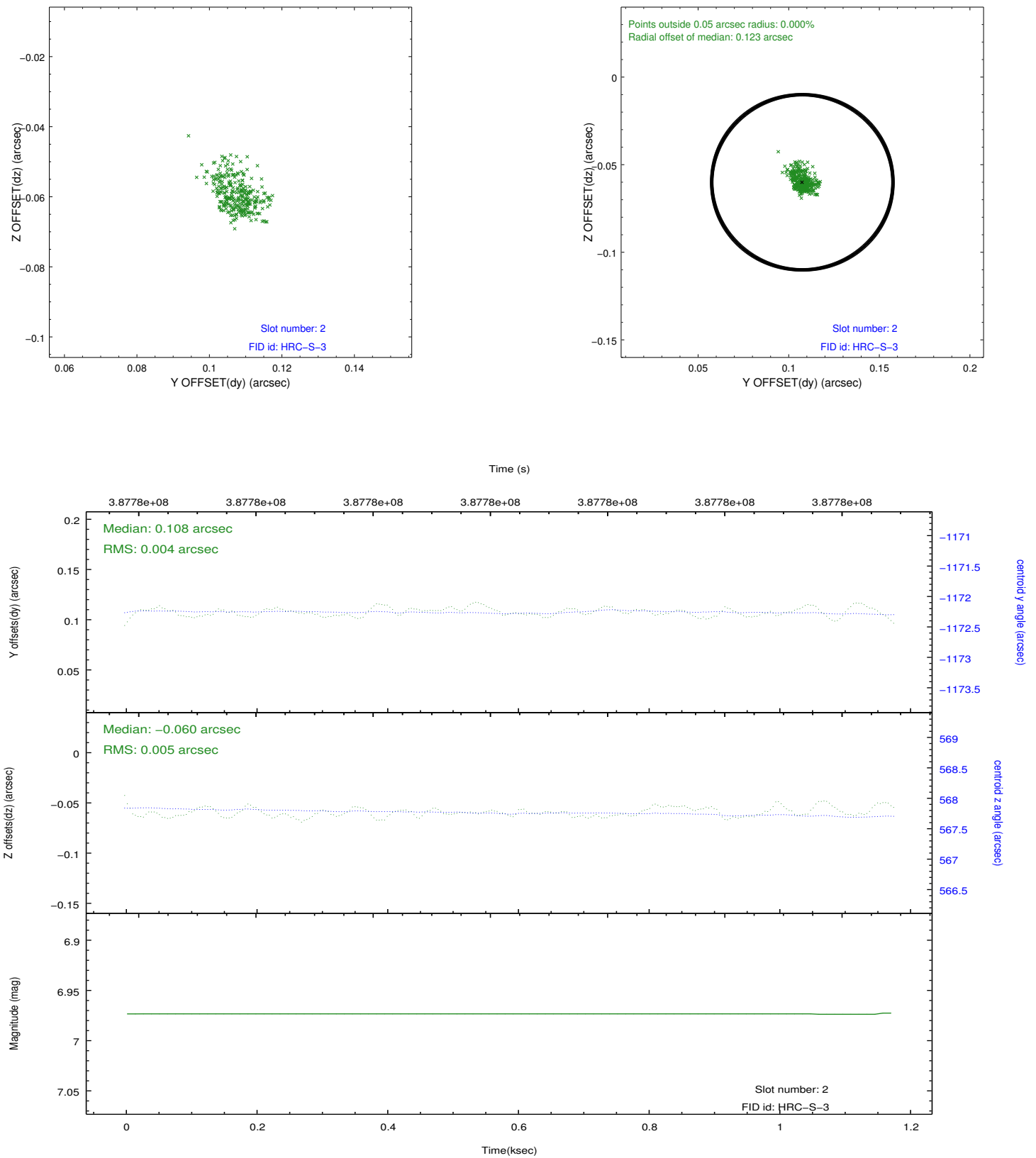
2.5.1 Slot 0



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	1.1800313100219

A.2 Comments

Window constraint met.