

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6464 - L2 Version 3
Chandra X-Ray Center

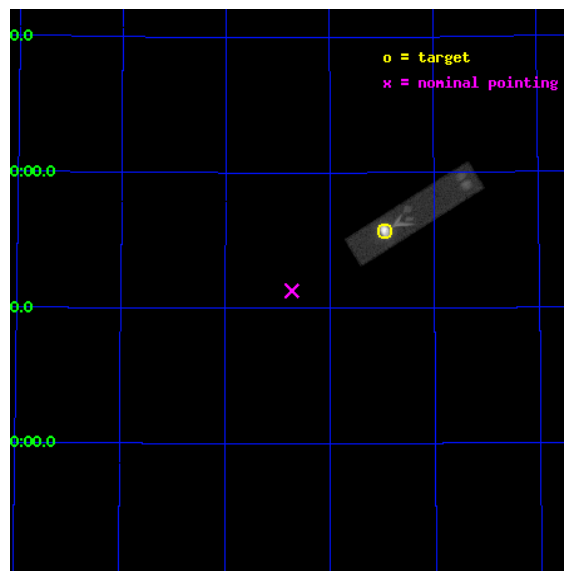
L2 Processing Date : Aug 11 2012

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1 Front

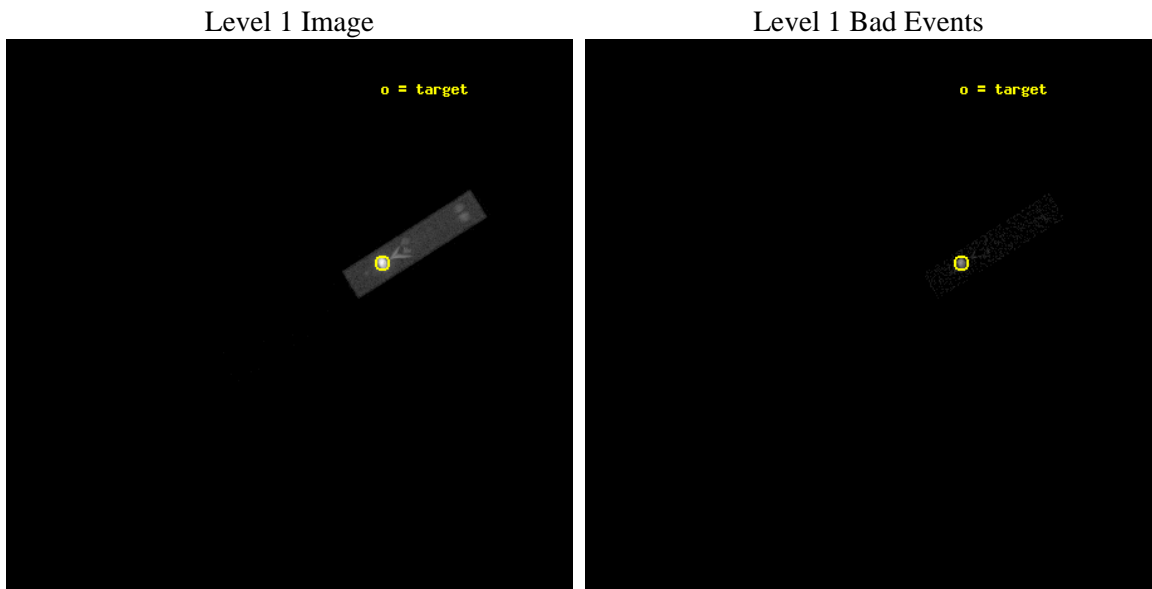
seq_num	290557	Sequence number
obs_id	6464	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.68187842353	Nominal RA [deg]
dec_nom	38.564645166827	Nominal Dec [deg]
roll_nom	147.74696402882	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2184.2751019895	[s]
livetime	849.96756728598	Ontime multiplied by DTCOR
l2events	387709	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2184.2751019895	[s]
caldbver	4.5.1.1	 	l1events	441190	Number of level 1 events
date	2012-08-11T08:34:06	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

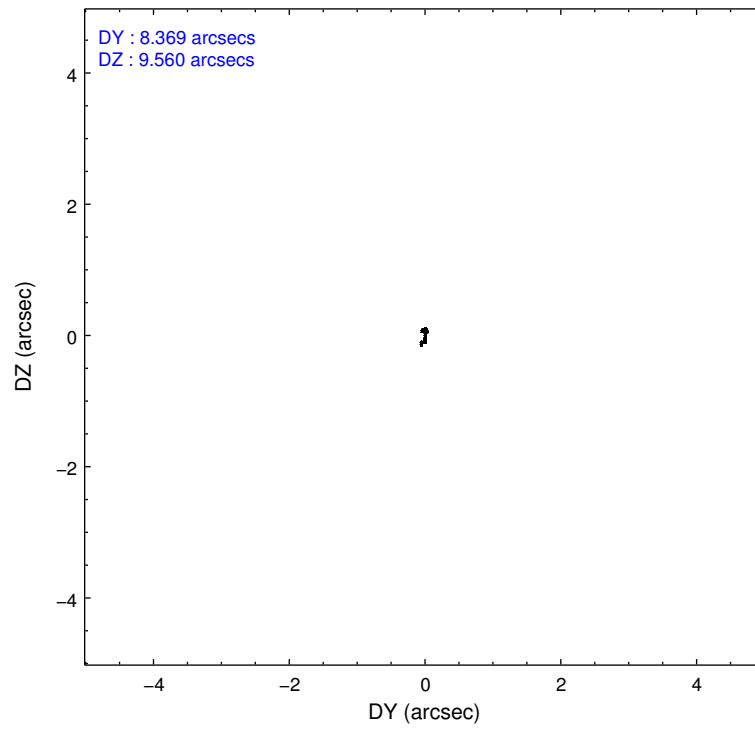
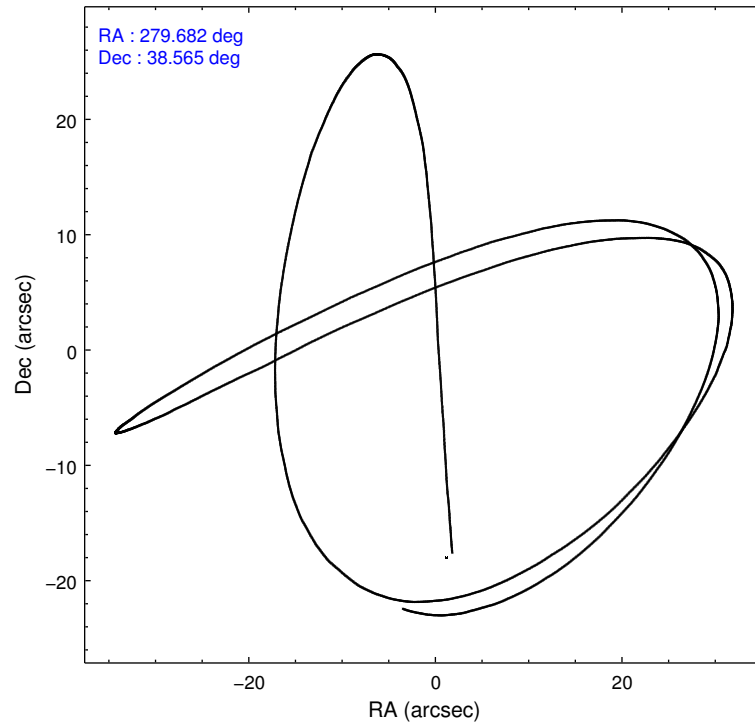
	segment 1	segment 2	segment 3
level 1 events	0	38	441152
rejected events	0	15	38413
rejected %	0%	39%	8%

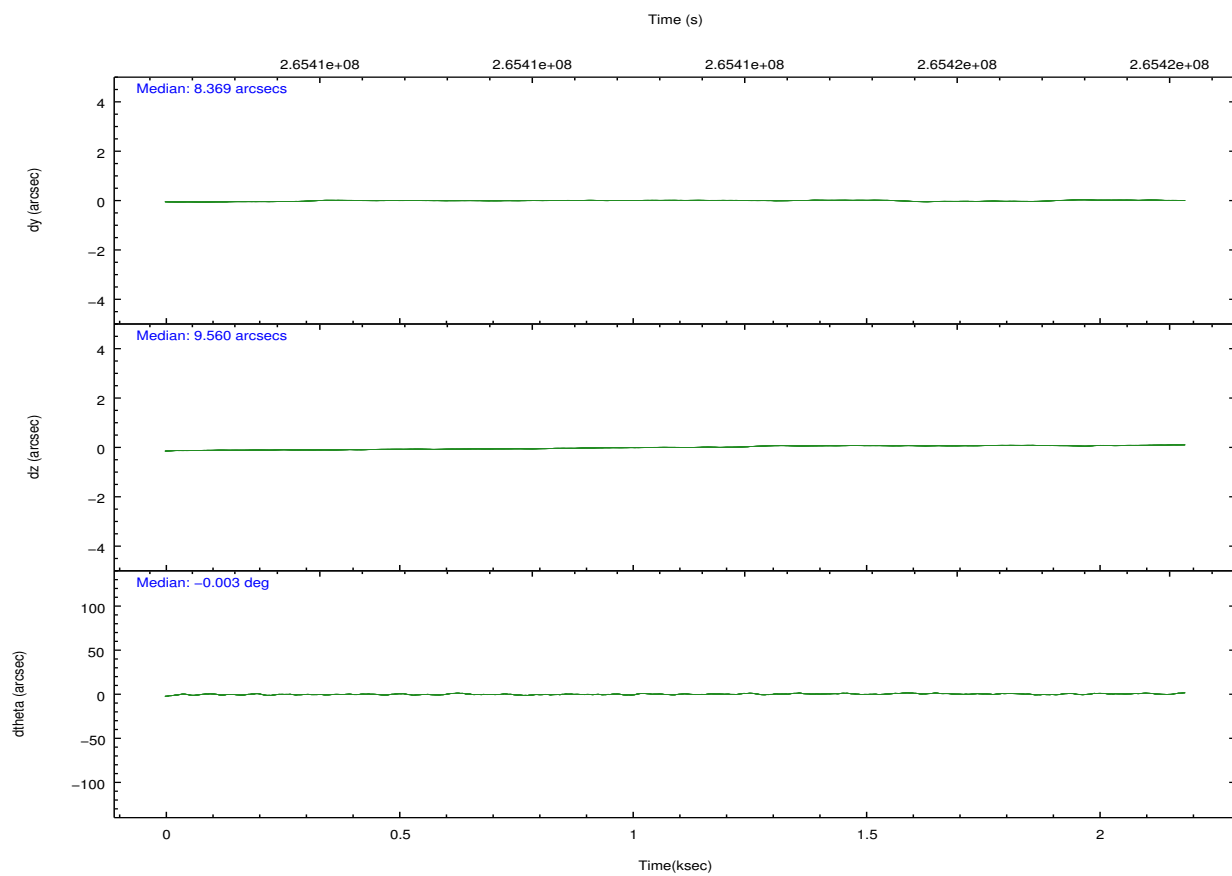
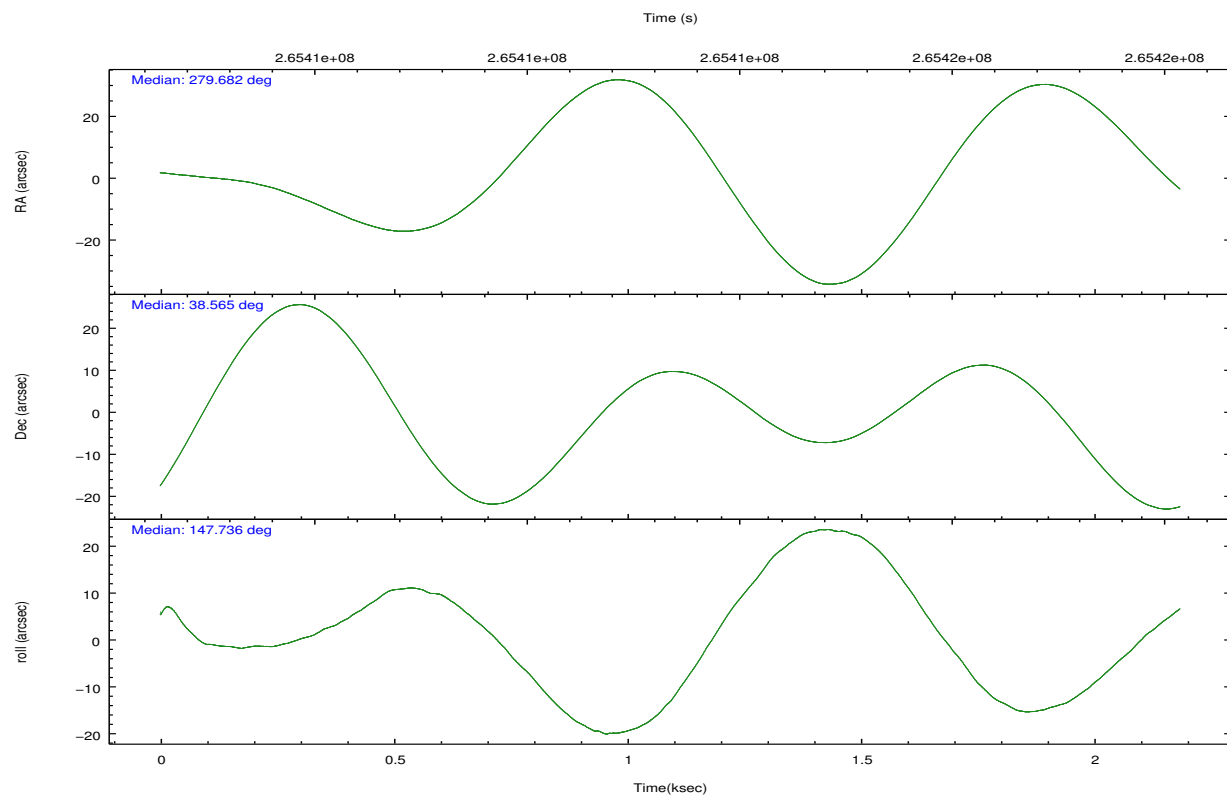
2.2 Compared Parameters

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	279.718297	279.6818784235259
[deg] Pointing Dec	38.564755	38.56464516682662
[deg] Pointing Roll	147.656919	147.7469640288188
[s] Window start time (MET)	262828865.184000	262828865.184000
[s] Window stop time (MET)	268012865.184000	268012865.184000
[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)	265413430.184000	265413053.95593
Observation start date	2006-05-30T21:56:05	2006-05-30T21:50:53
[s] Observation end time (MET)	265415430.184000	265416132.03107
Observation end date	2006-05-30T22:29:25	2006-05-30T22:42:12

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

2.3 Aspect



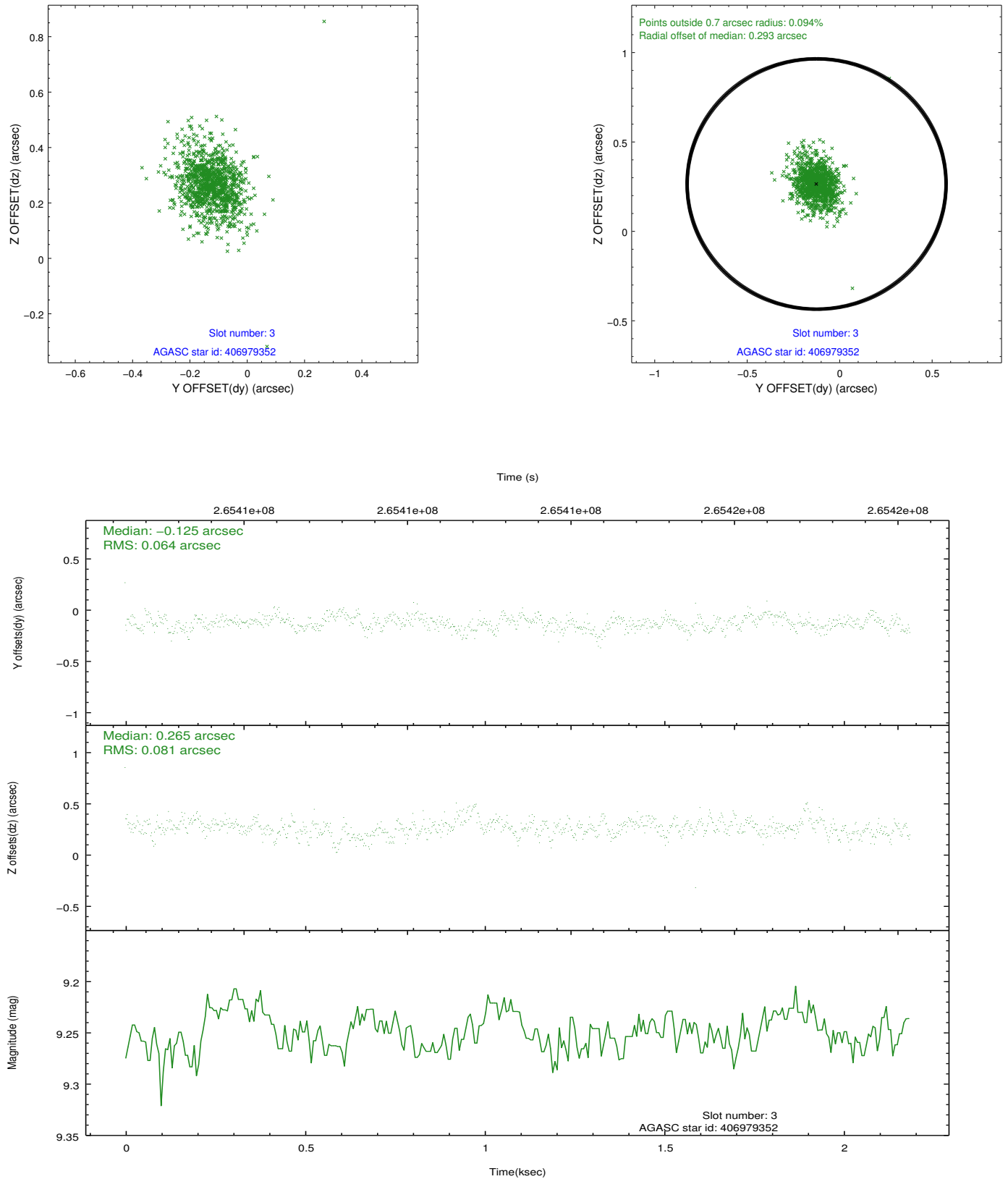


Slot Statistics

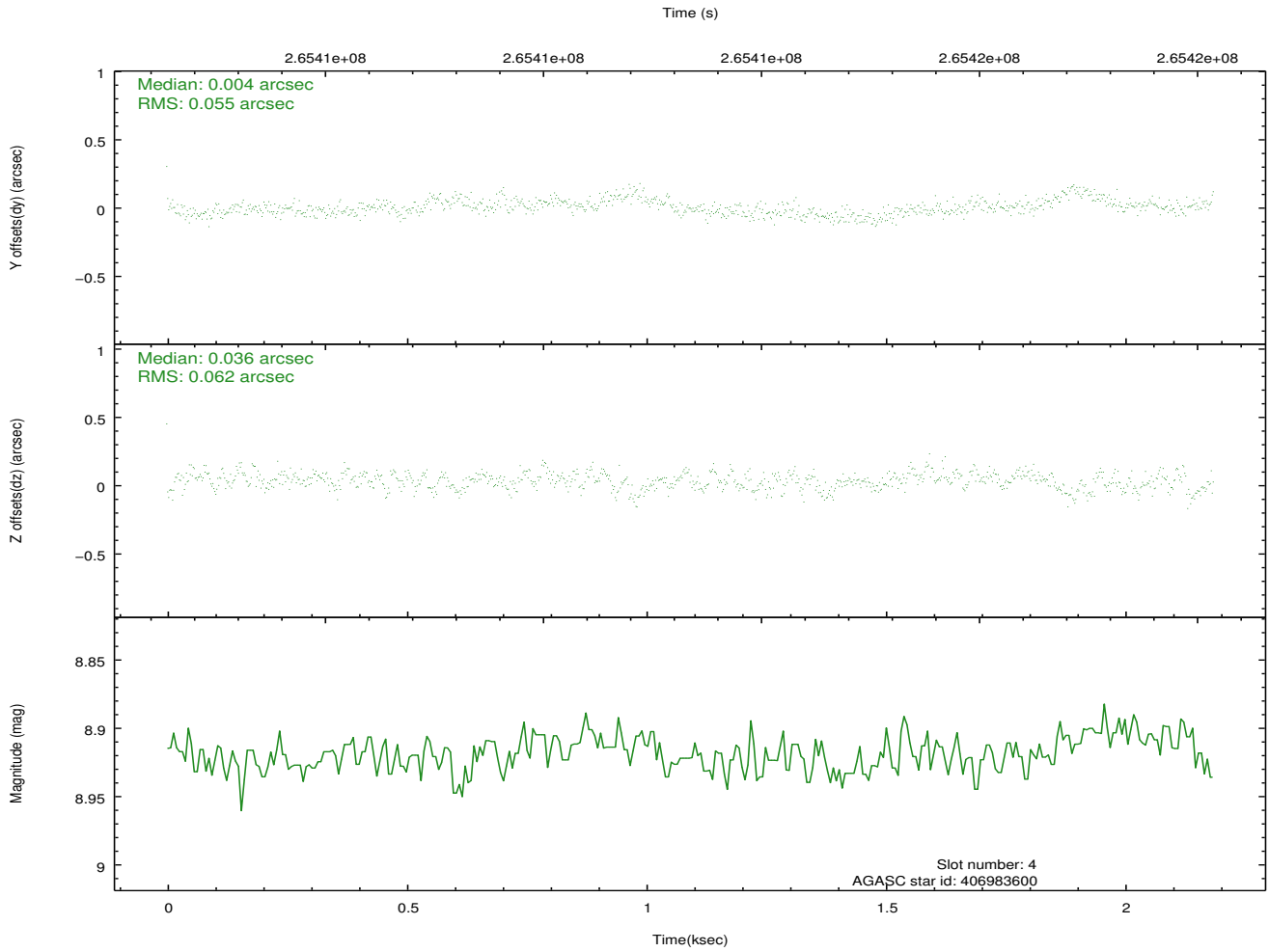
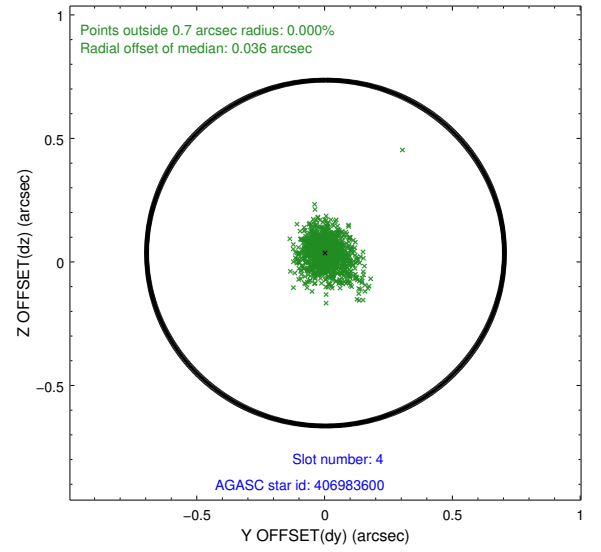
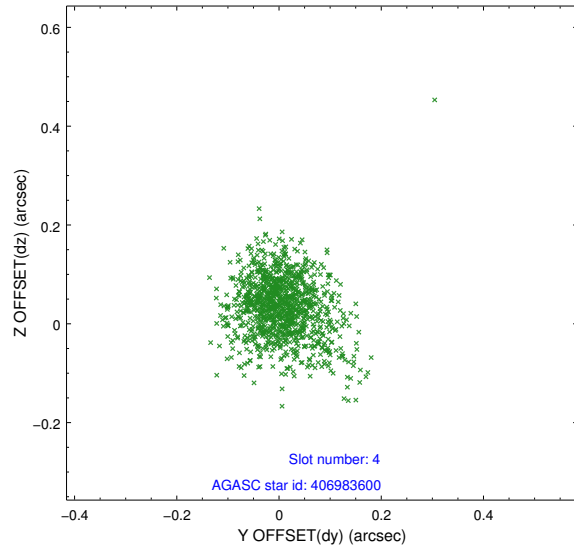
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	533	0.146	-0.190	0.007	0.012	0.000000	0.000000	-1162.52	-458.25
1	FID	HRC-S-2	6.98	533	0.158	-0.119	0.005	0.009	0.000000	0.000000	1234.97	-451.69
2	FID	HRC-S-3	7.01	533	0.086	0.008	0.007	0.013	0.000000	0.000000	-1162.98	570.62
3	GUIDE	406979352	9.25	1066	-0.125	0.265	0.101	0.187	279.968297	39.230258	693.25	-2395.53
4	GUIDE	406983600	8.92	1067	0.004	0.036	0.085	0.144	279.940957	39.020708	352.95	-1721.34
5	GUIDE	406989616	8.23	1067	0.015	-0.096	0.072	0.117	279.202881	38.520843	1144.60	906.53
6	GUIDE	406992968	7.65	1066	0.087	-0.105	0.064	0.107	279.925490	37.993090	-1595.77	1425.17
7	GUIDE	406993368	9.60	1065	0.015	-0.102	0.129	0.204	279.962331	37.795547	-2069.11	1969.55

2.4 Star Slots

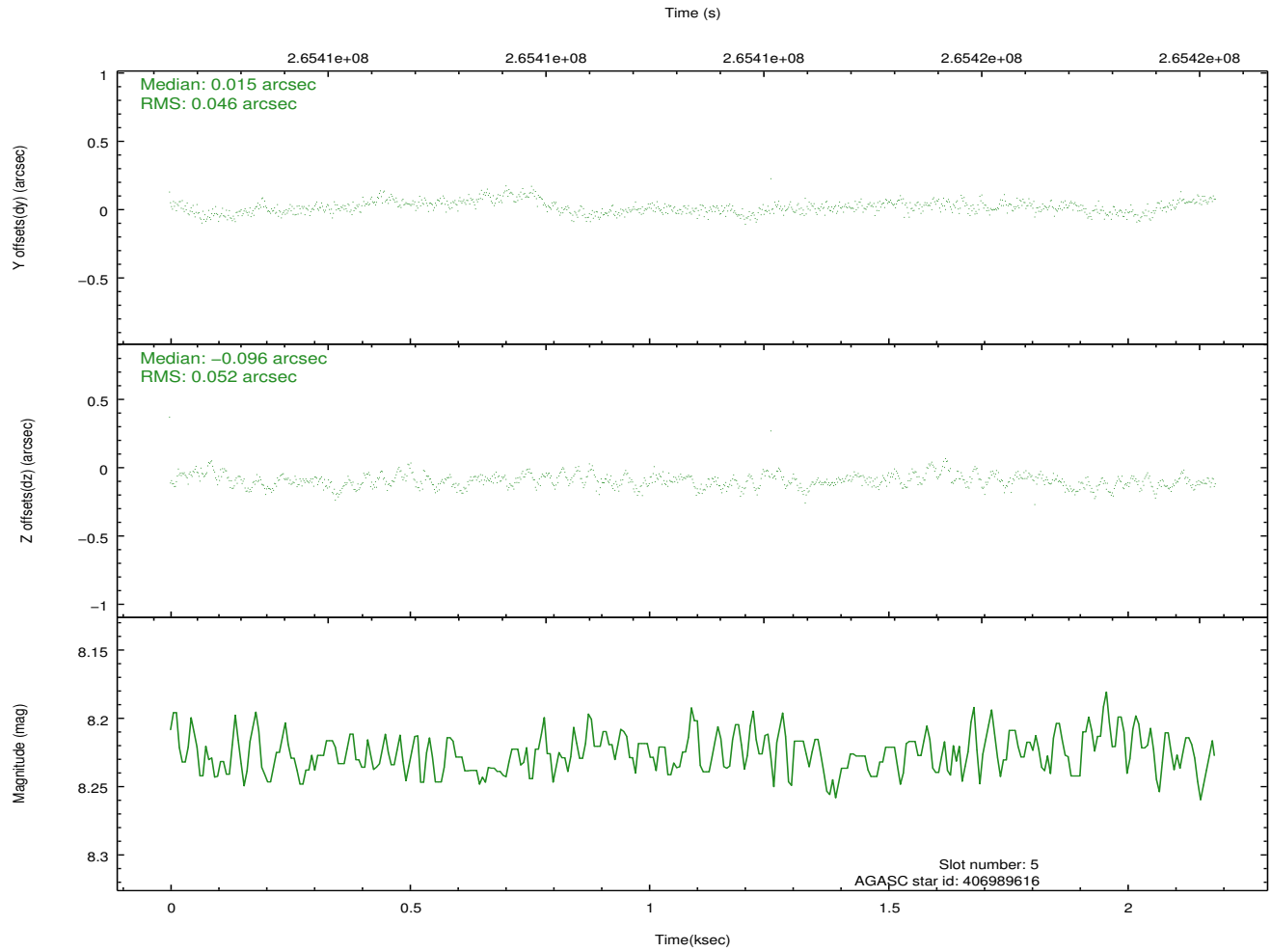
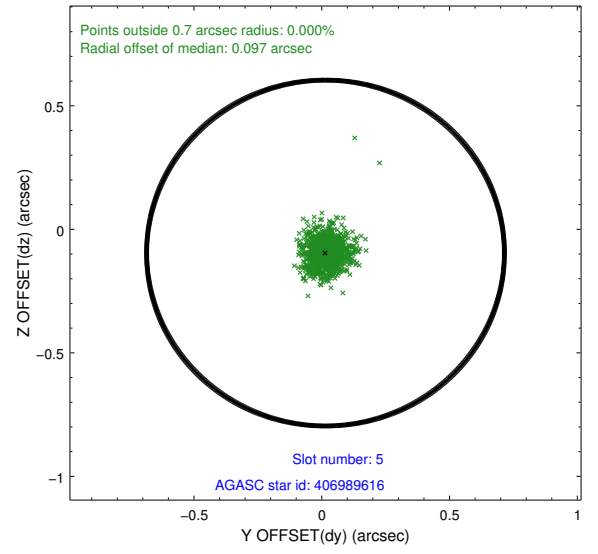
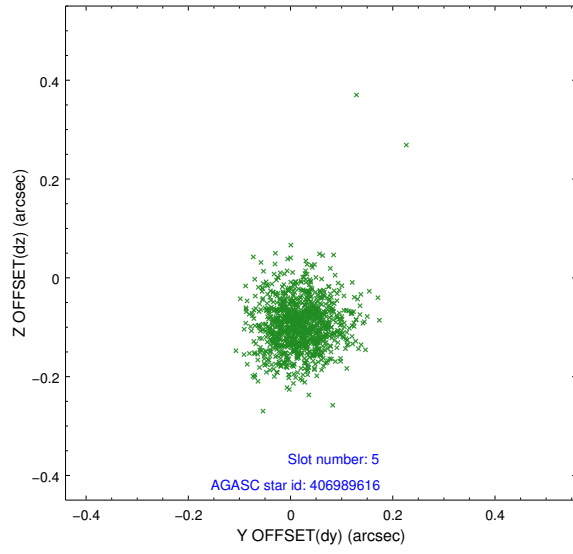
2.4.1 Slot 3



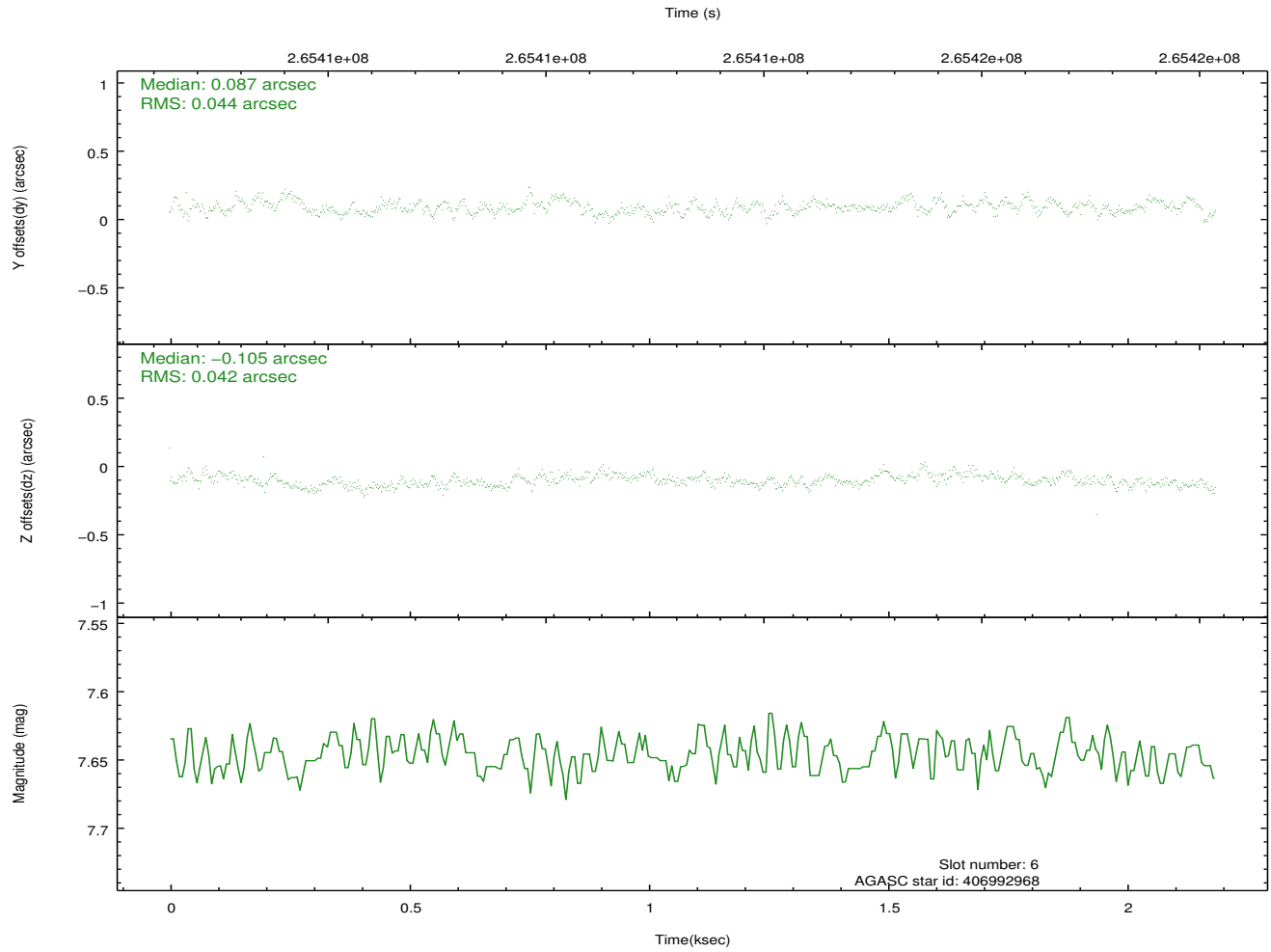
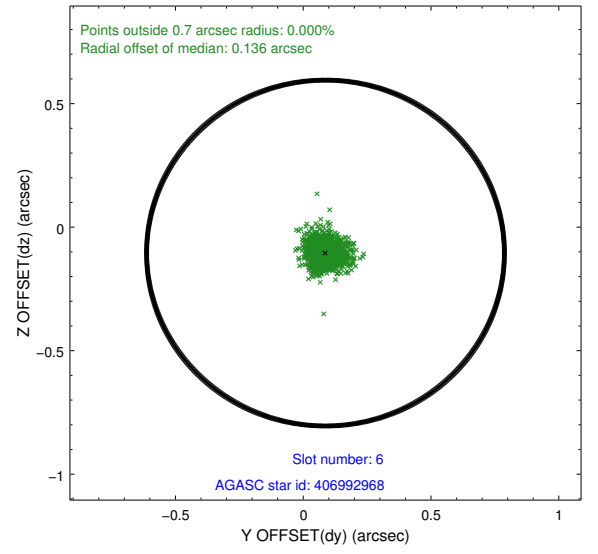
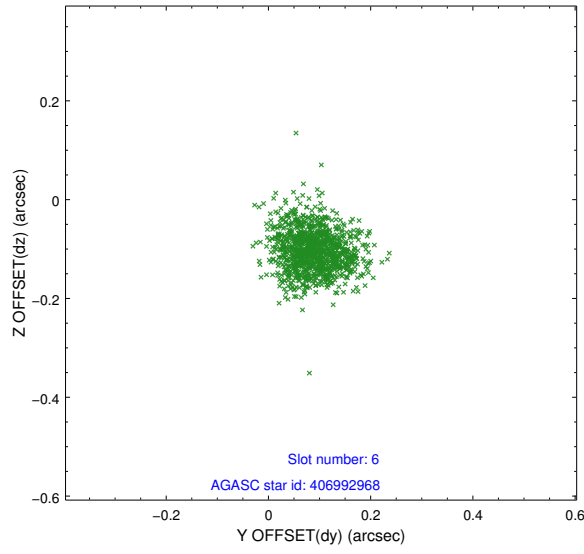
2.4.2 Slot 4



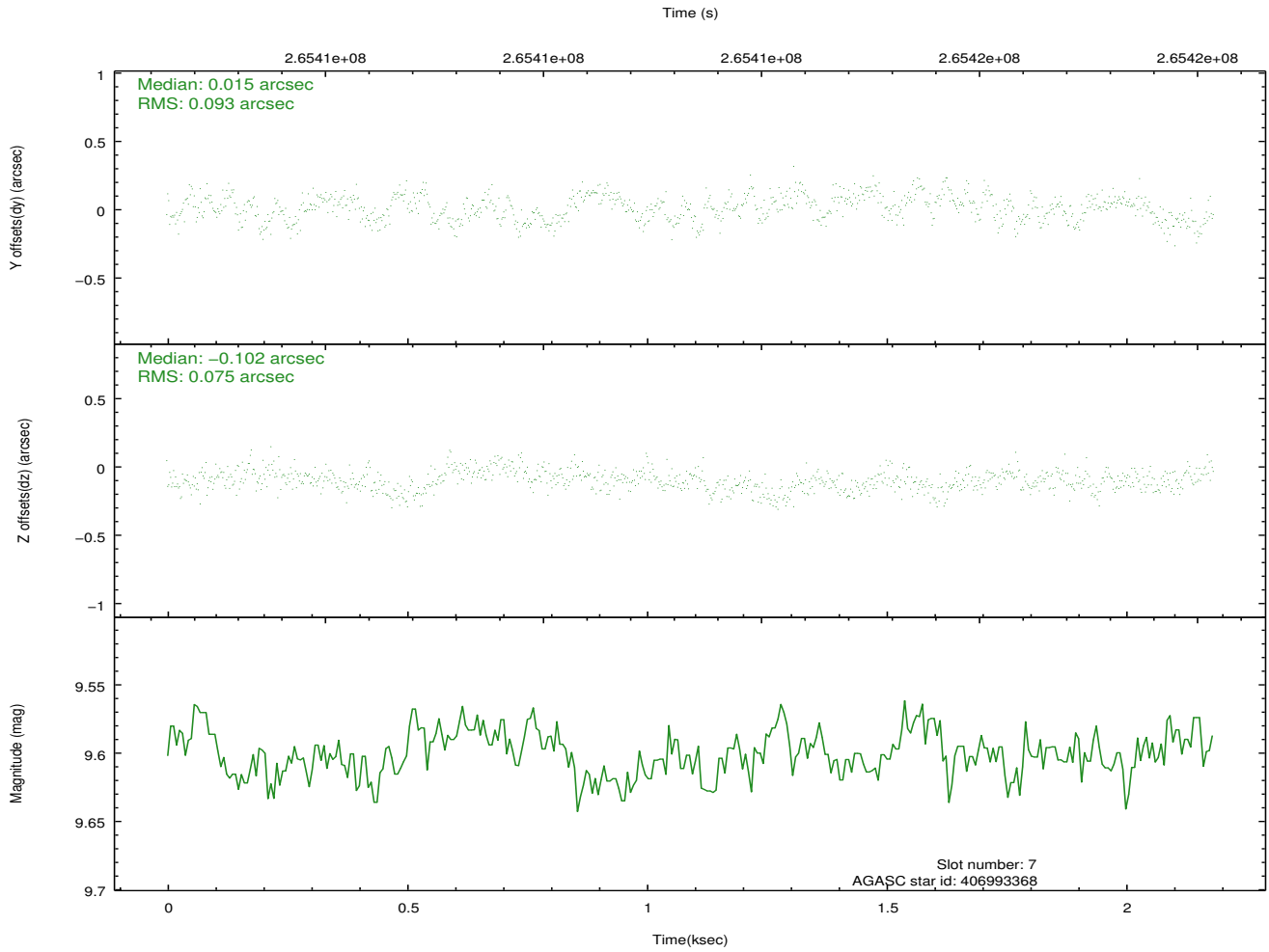
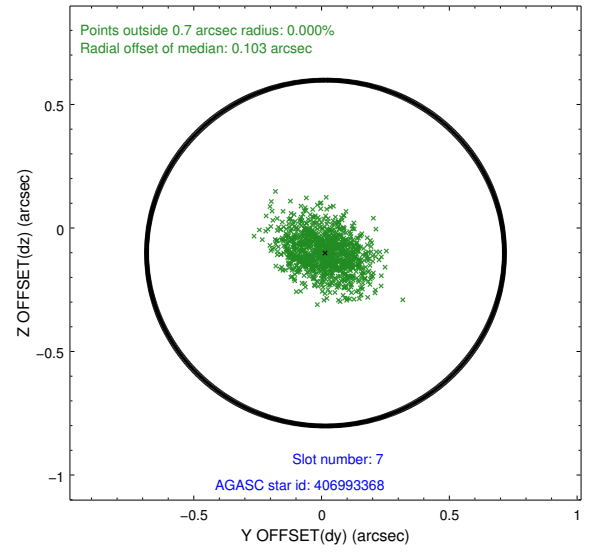
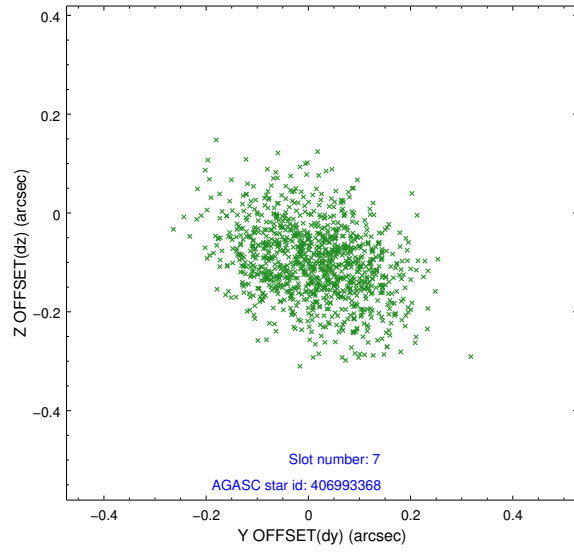
2.4.3 Slot 5



2.4.4 Slot 6

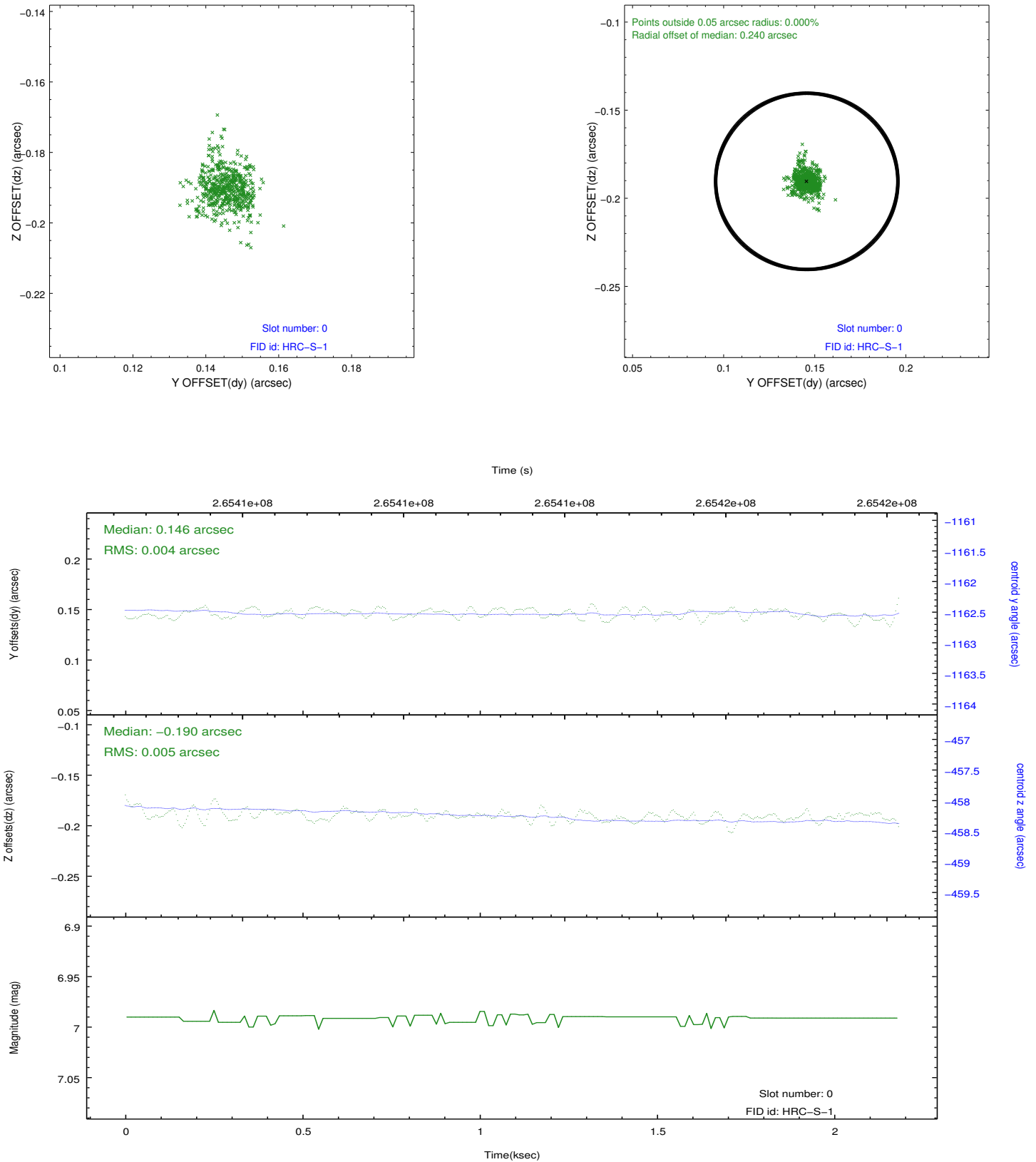


2.4.5 Slot 7

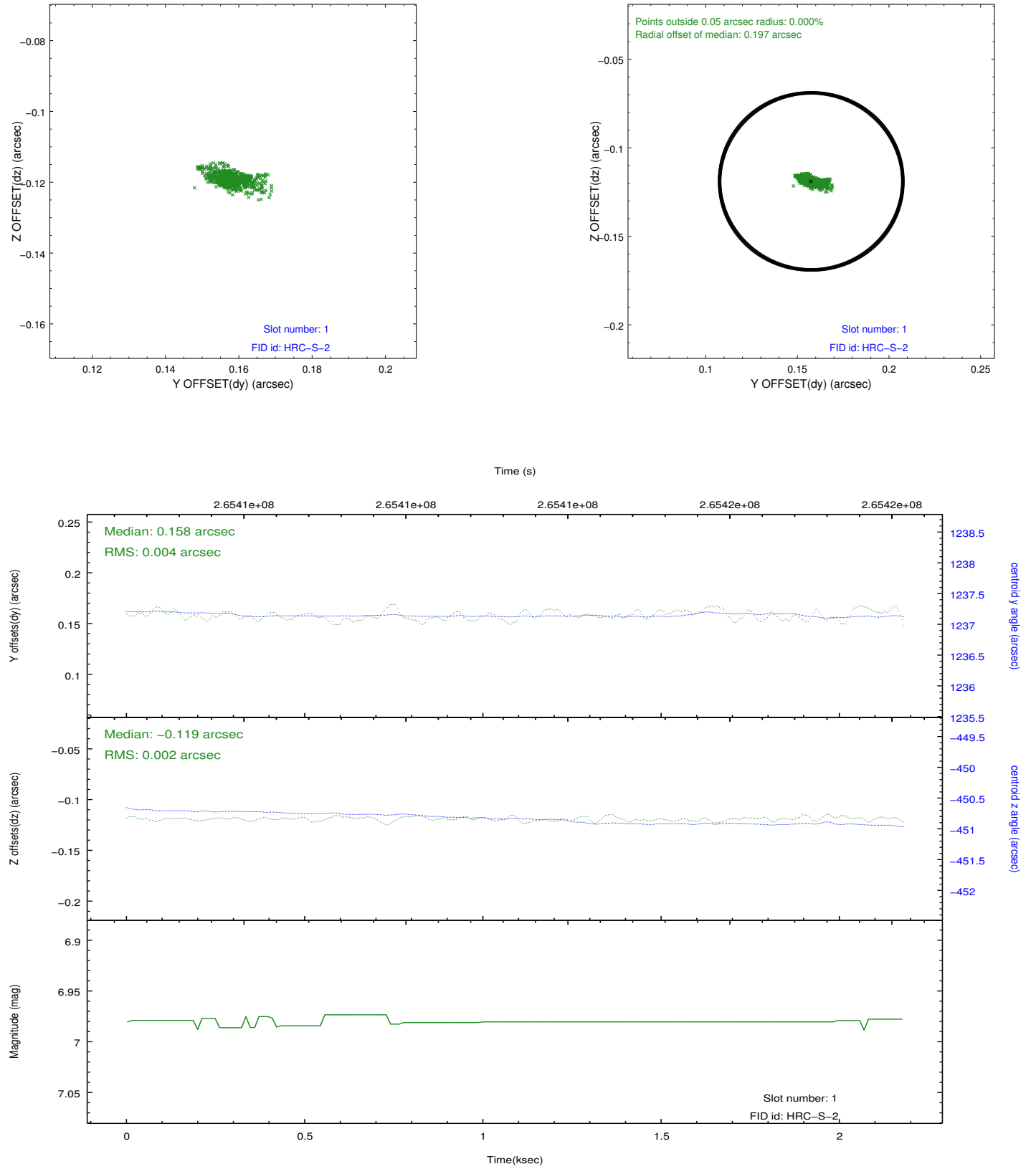


2.5 FID Slots

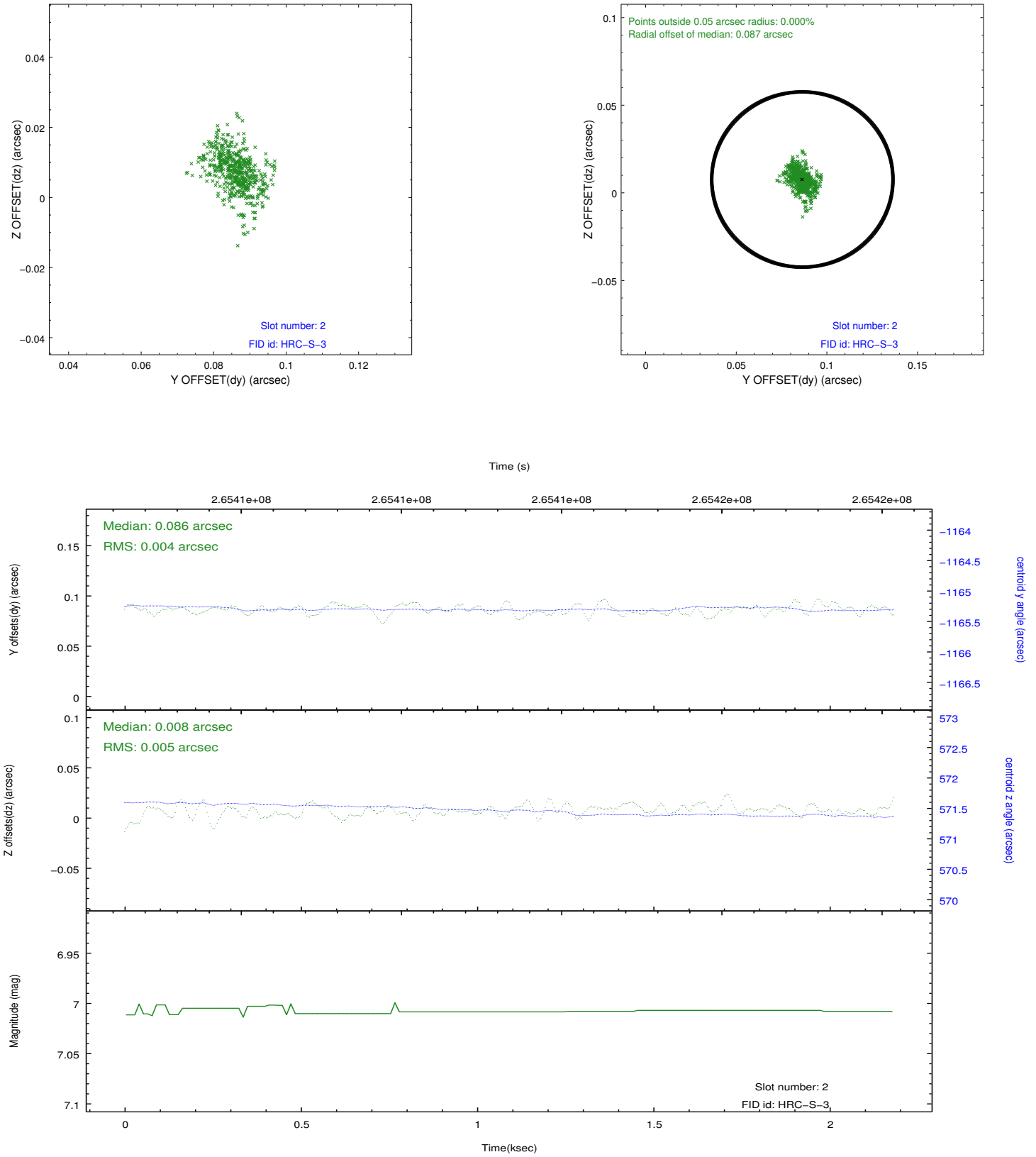
2.5.1 Slot 0



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	2.1842751

A.2 Comments

Window preference met.