

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11935 - L2 Version 3
Chandra X-Ray Center

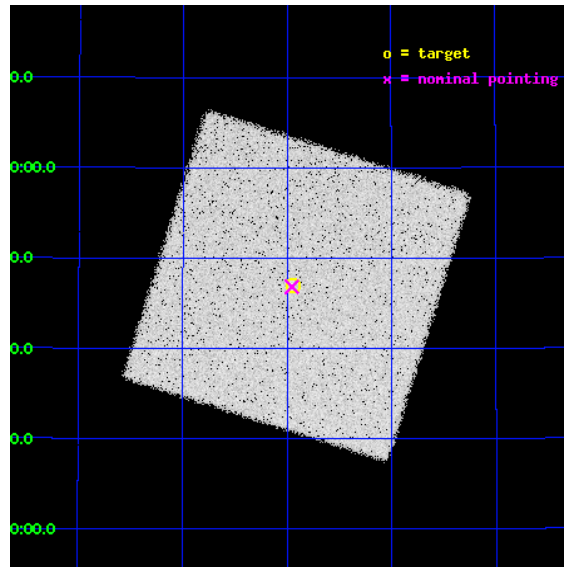
L2 Processing Date : Aug 13 2012

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1 Front

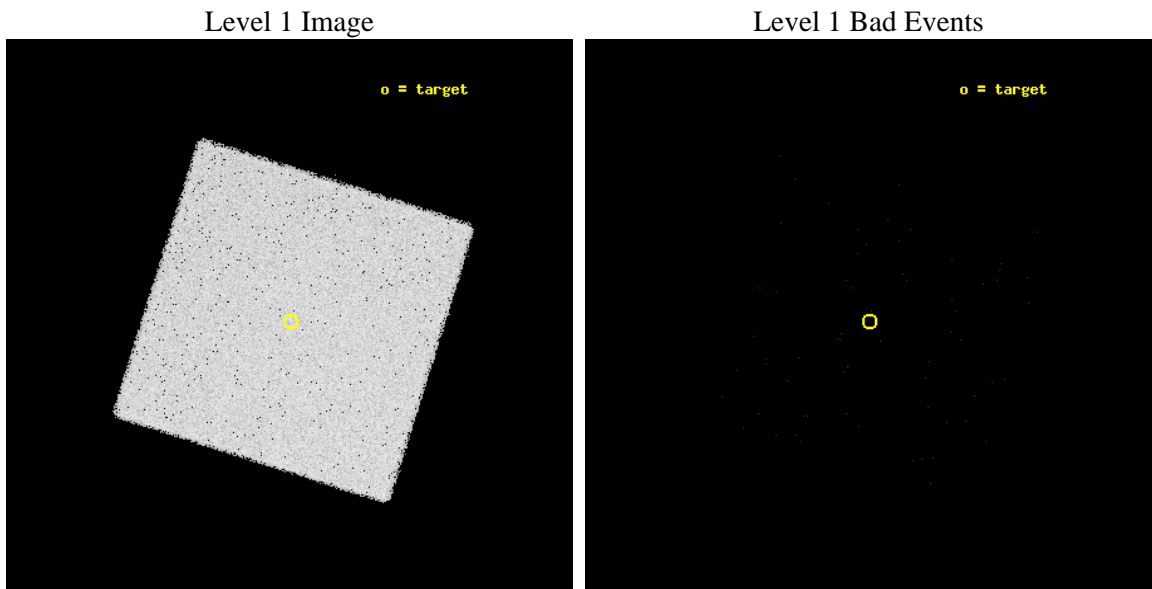
seq_num	290924	Sequence number
obs_id	11935	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23854396101	Nominal RA [deg]
dec_nom	38.780573095365	Nominal Dec [deg]
roll_nom	332.49810153464	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2180.4313600063	[s]
liveltime	2153.1852394315	Ontime multiplied by DTCOR
l2events	171470	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	2180.4313600063	[s]
caldsver	4.5.1.1	 	l1events	362580	Number of level 1 events
date	2012-08-13T17:54:30	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

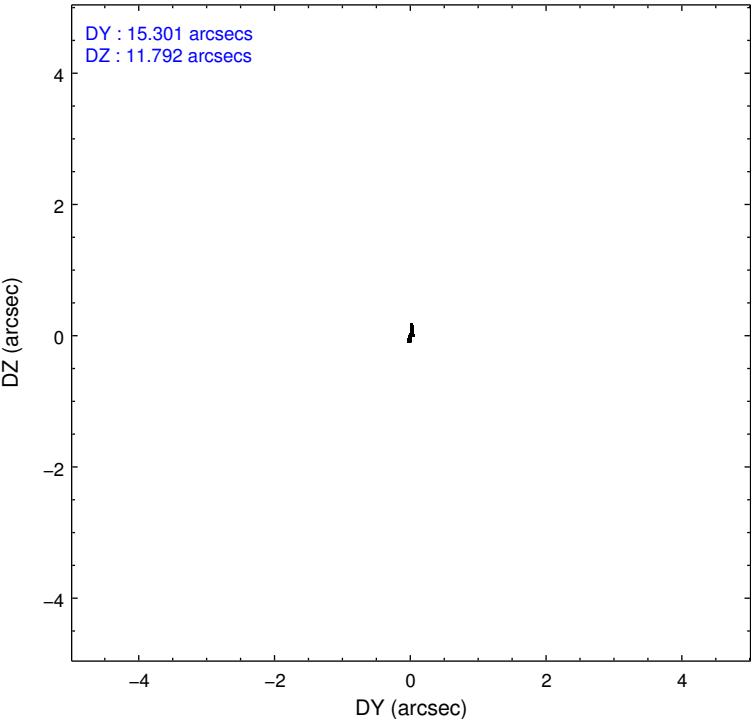
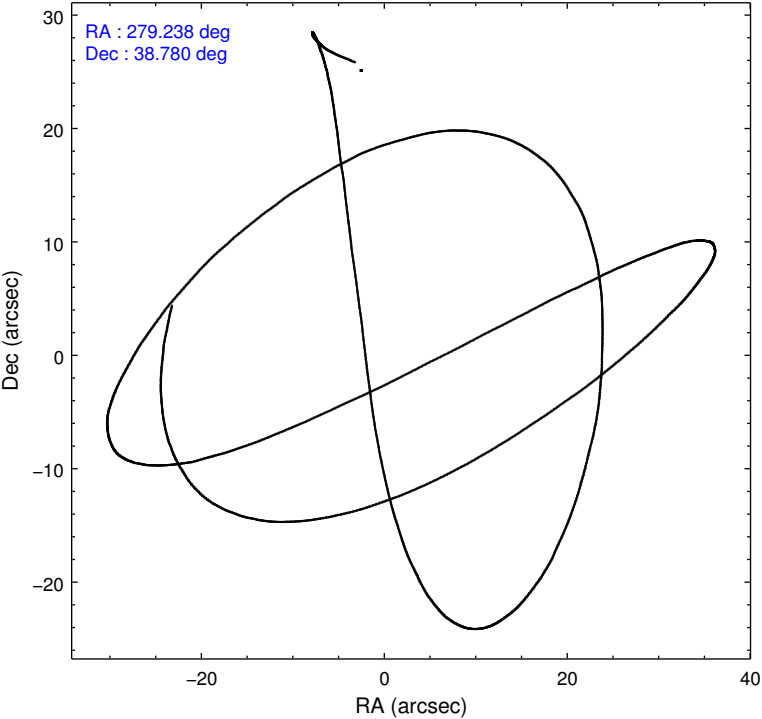
Level 1 Events

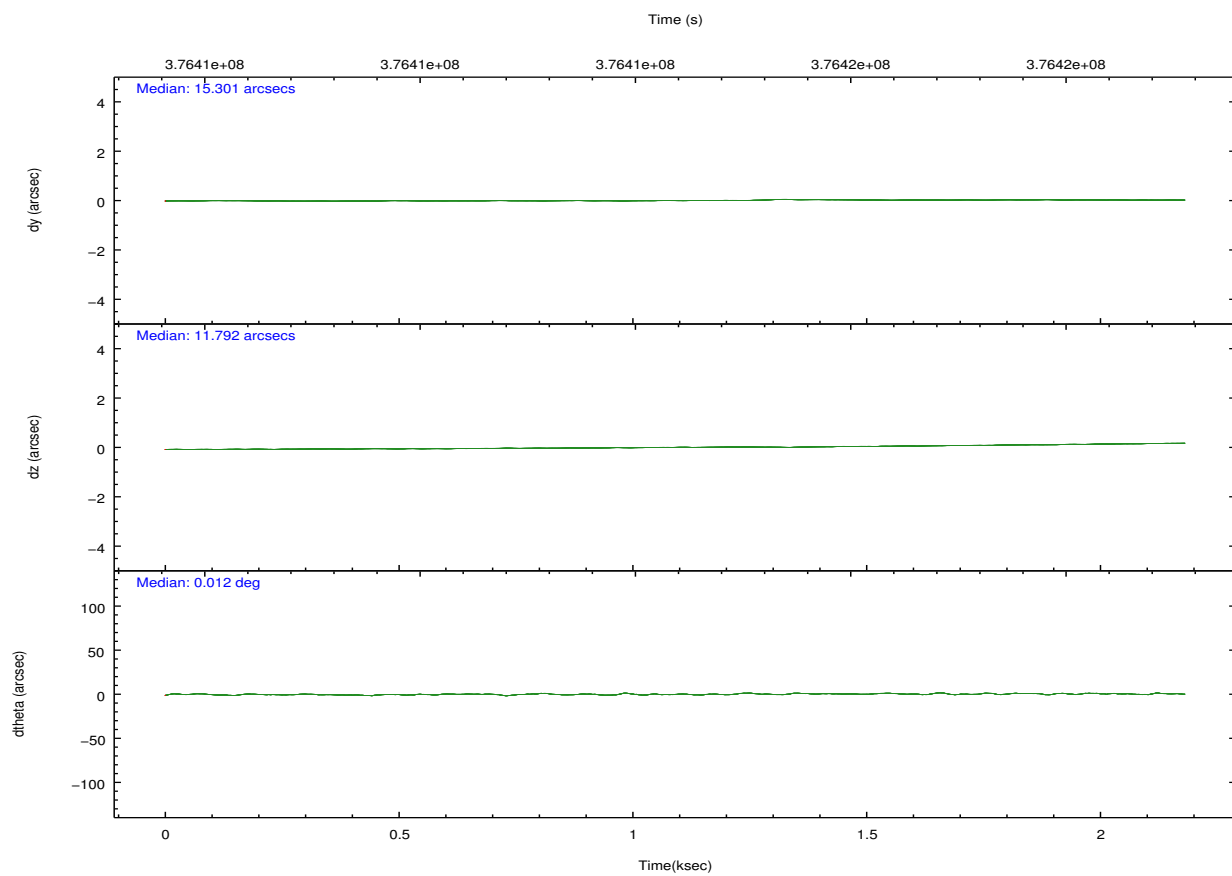
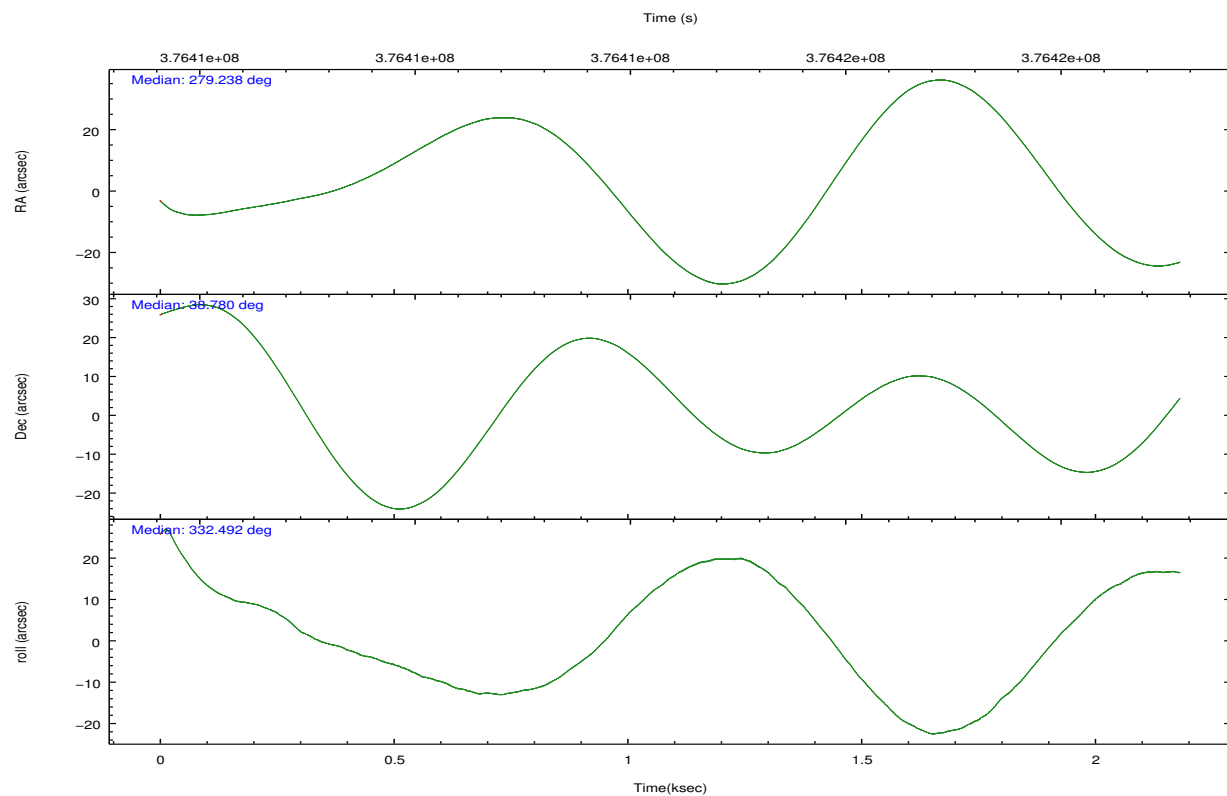
	segment 0
level 1 events	362580
rejected events	114441
rejected %	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.203733	279.2385439610068			
[deg] Pointing Dec	38.778763	38.78057309536532			
[deg] Pointing Roll	332.615330	332.4981015346403			
[s] Window start time (MET)	376012866.184000	376012866.184000			
[s] Window stop time (MET)	383702466.184000	383702466.184000			
[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)	376413685.184000	376412522.60909			
Observation start date	2009-12-05T15:20:19	2009-12-05T15:02:02			
[s] Observation end time (MET)	376415685.184000	376415822.59676			
Observation end date	2009-12-05T15:53:39	2009-12-05T15:57:02			

2.3 Aspect



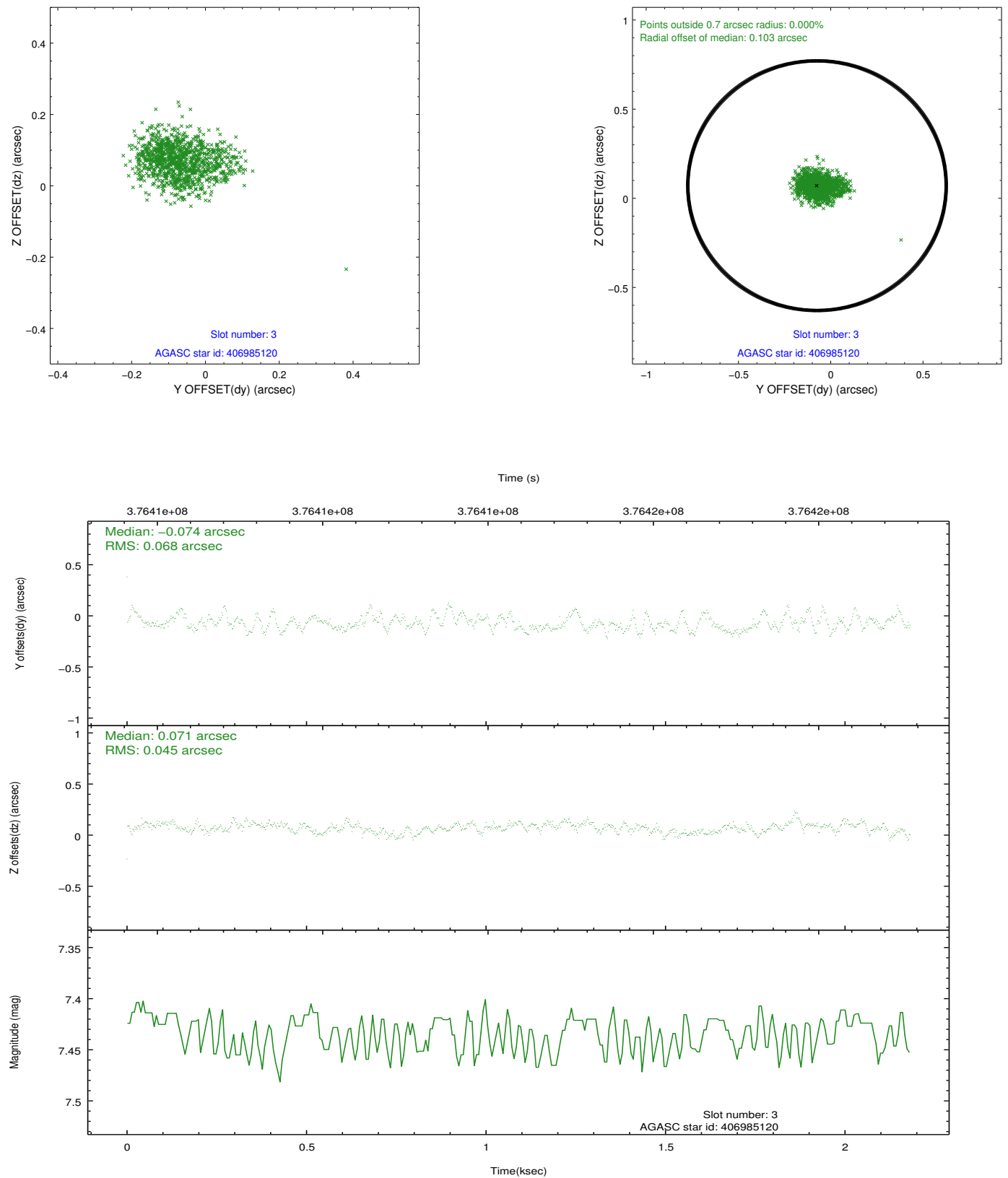


Slot Statistics

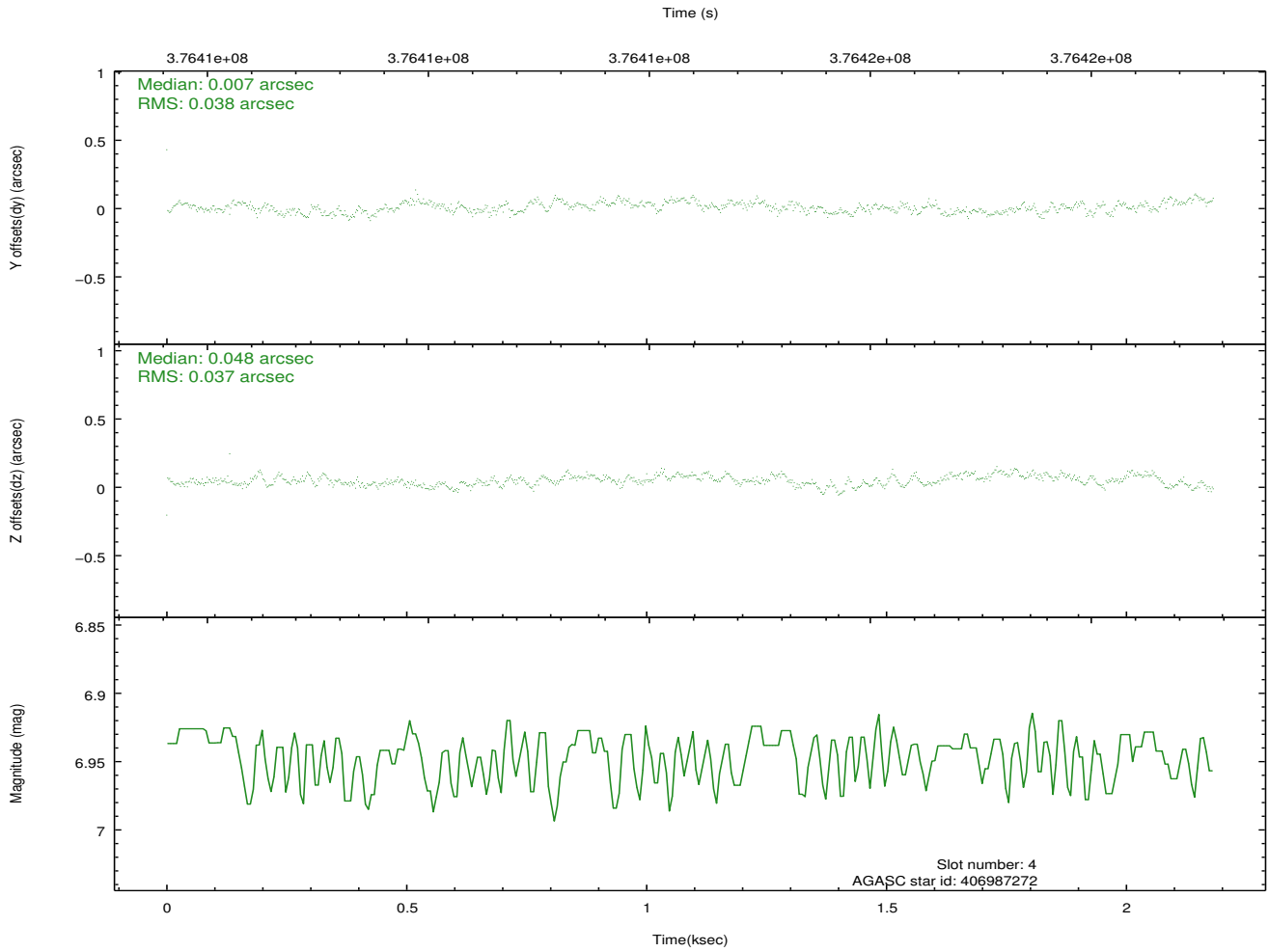
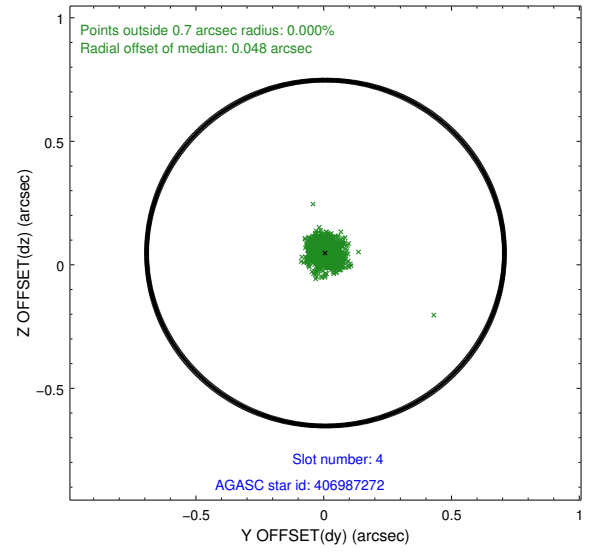
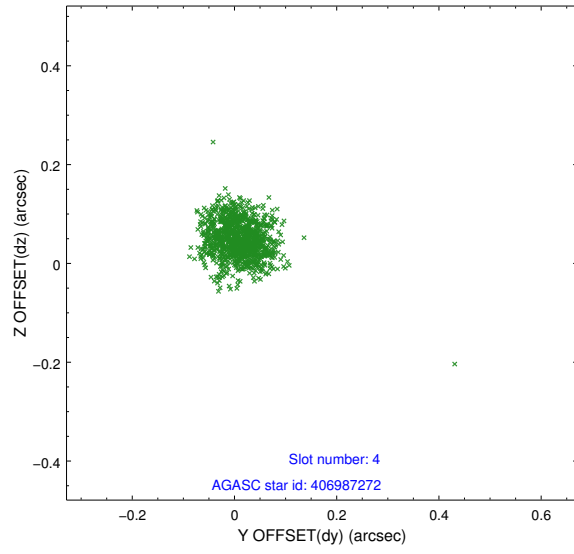
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	533	-0.105	-0.033	0.006	0.011	0.000000	0.000000	-771.31	-1299.78
1	FID	HRC-I-2	6.99	533	0.177	-0.068	0.007	0.014	0.000000	0.000000	840.16	-1303.92
2	FID	HRC-I-4	6.97	533	0.044	0.009	0.006	0.010	0.000000	0.000000	1273.35	999.86
3	GUIDE	406985120	7.43	1065	-0.074	0.071	0.085	0.140	278.839732	38.894839	-1098.58	-96.09
4	GUIDE	406987272	6.94	1065	0.007	0.048	0.056	0.086	278.536588	38.437504	-1109.63	-1949.71
5	GUIDE	406989616	8.23	1065	0.093	-0.027	0.067	0.116	279.202881	38.520843	424.30	-827.17
6	GUIDE	406983600	8.91	1064	0.029	-0.057	0.084	0.135	279.940957	39.020708	1428.11	1728.40
7	GUIDE	407510432	8.13	1064	-0.056	-0.033	0.088	0.151	278.762778	39.530640	-2332.33	1844.54

2.4 Star Slots

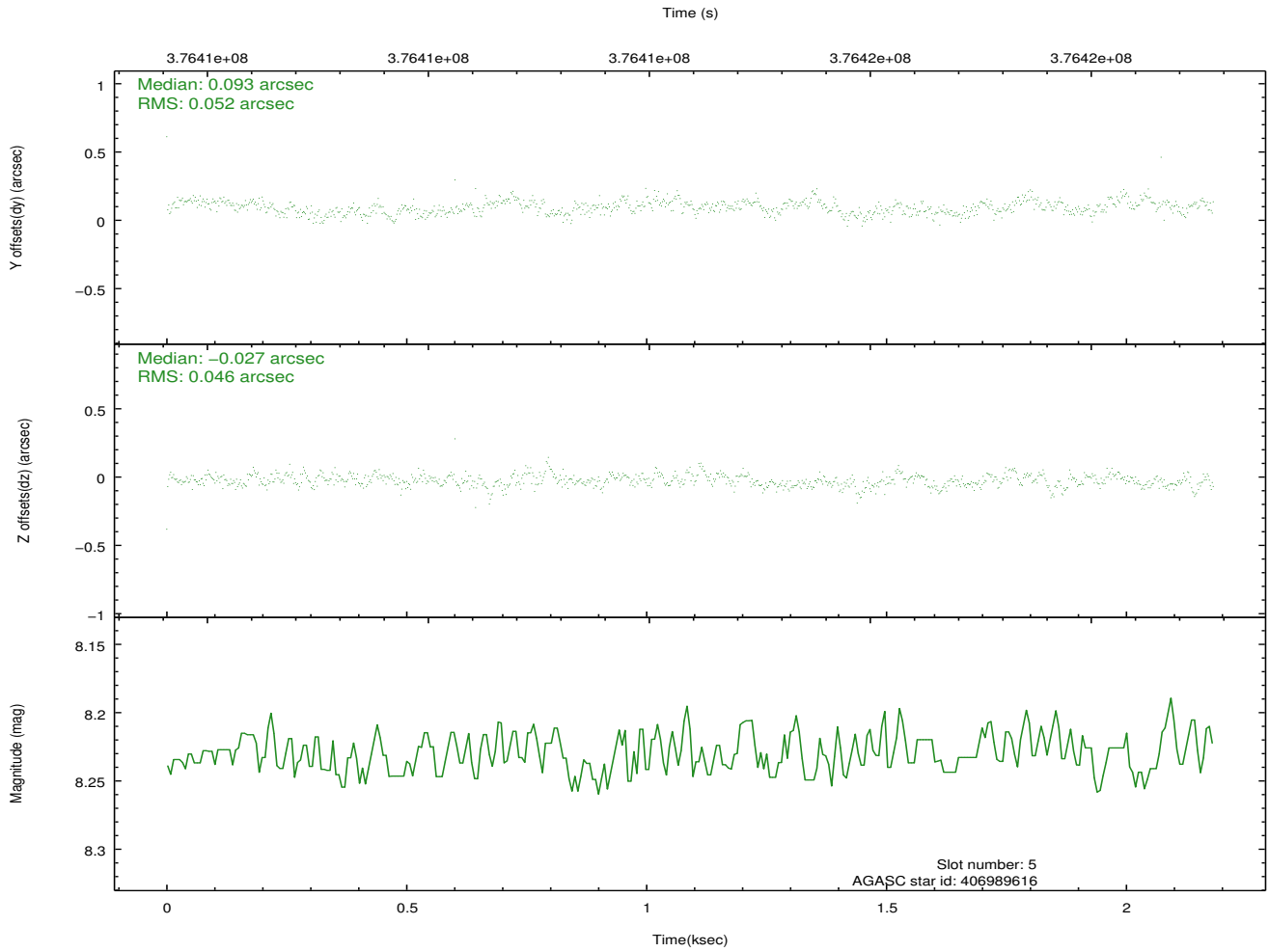
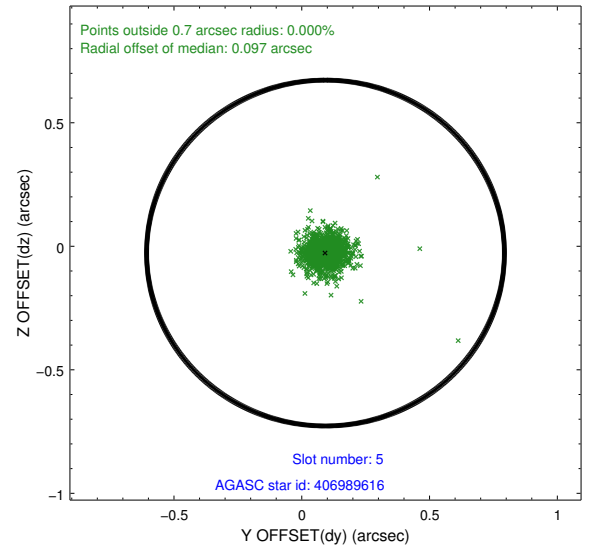
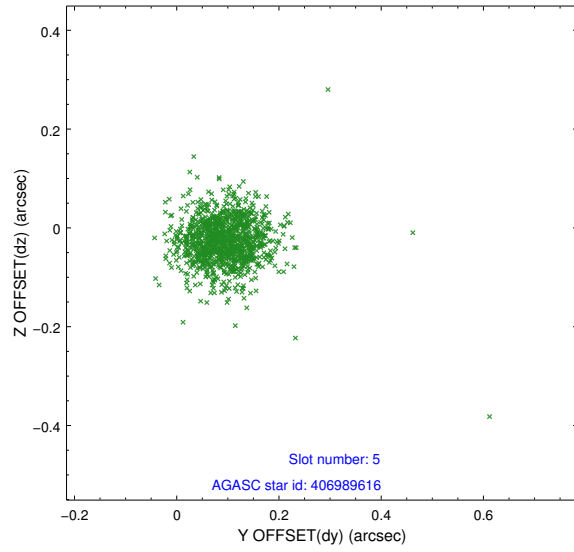
2.4.1 Slot 3



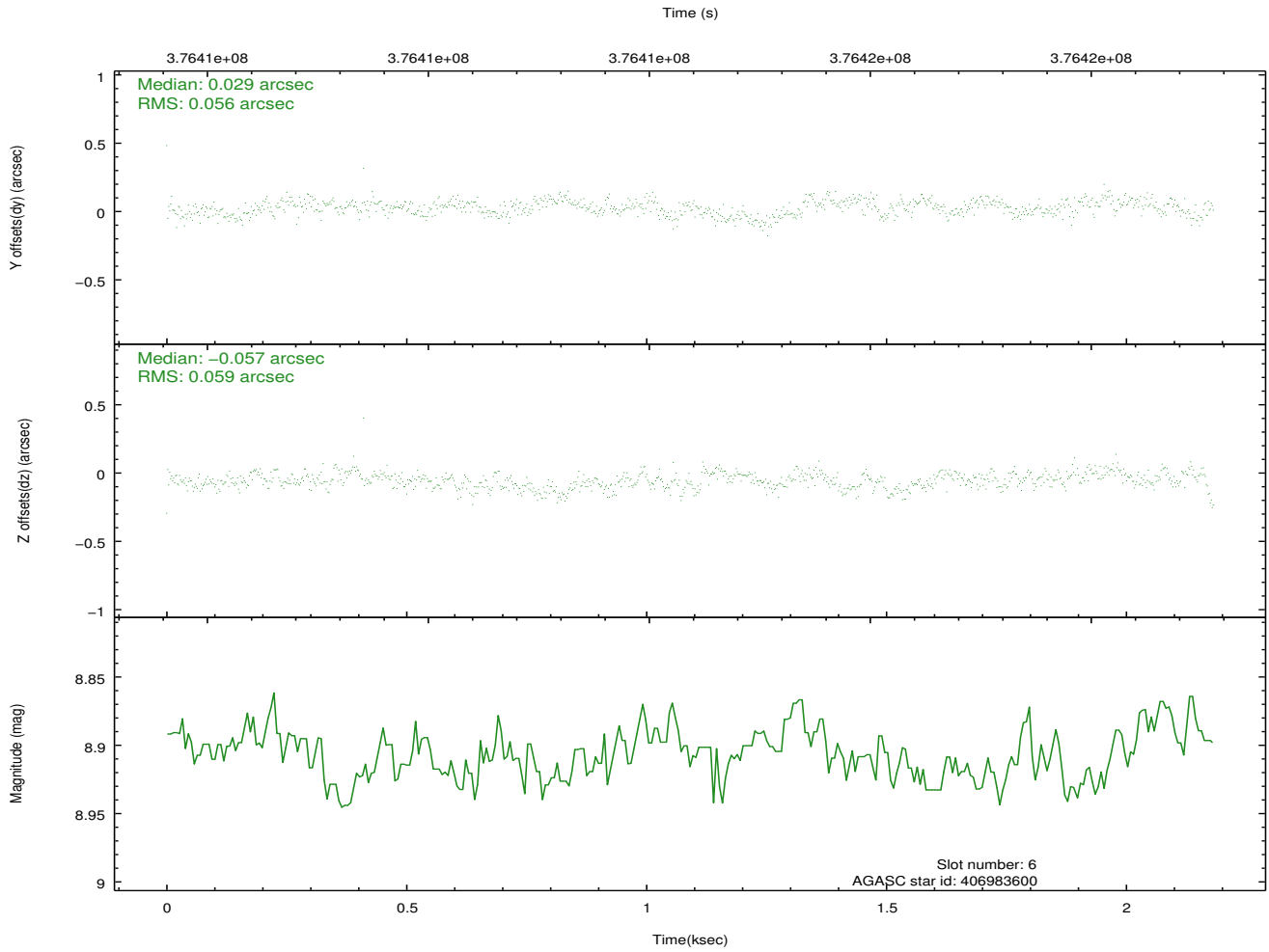
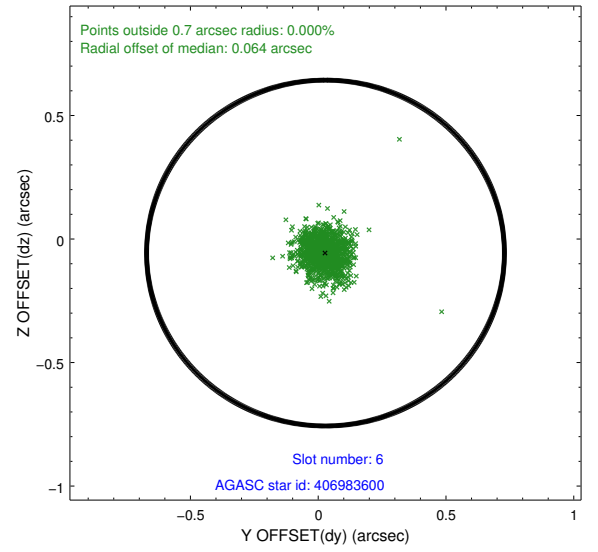
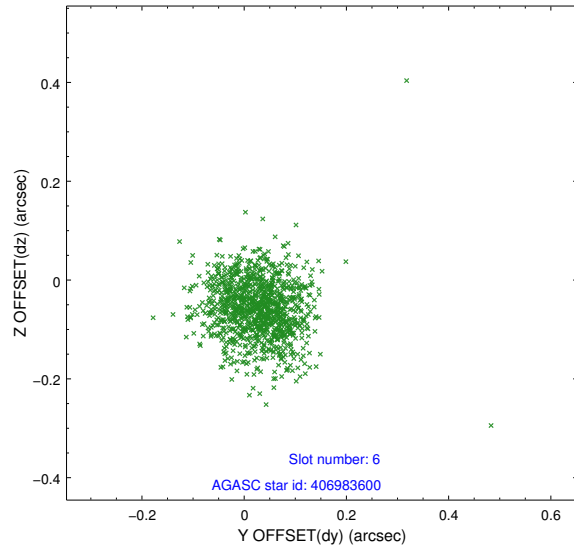
2.4.2 Slot 4



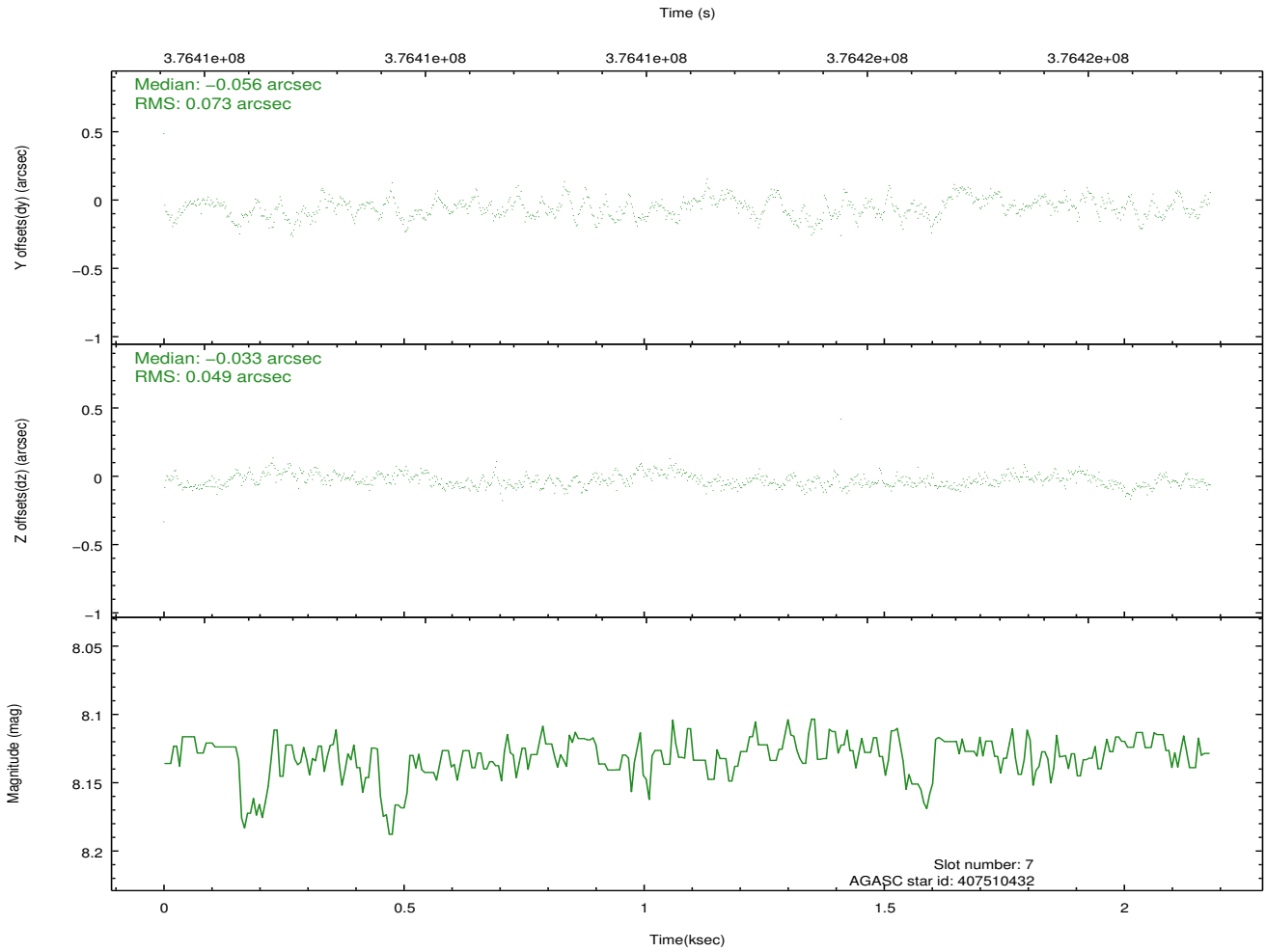
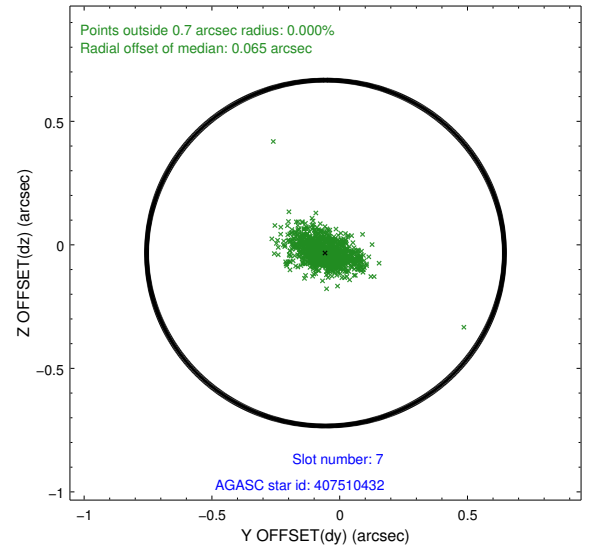
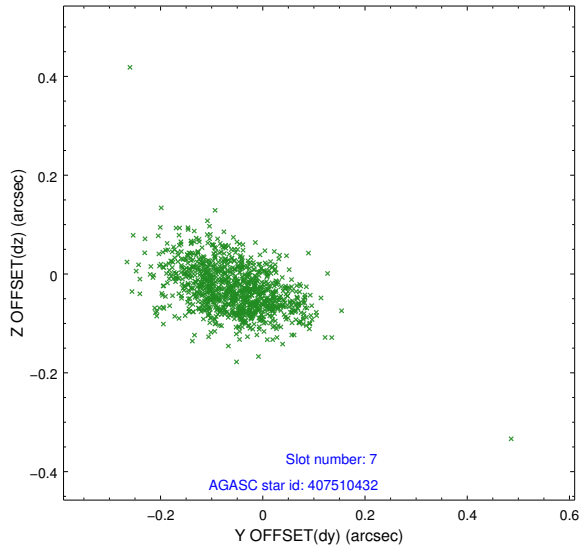
2.4.3 Slot 5



2.4.4 Slot 6

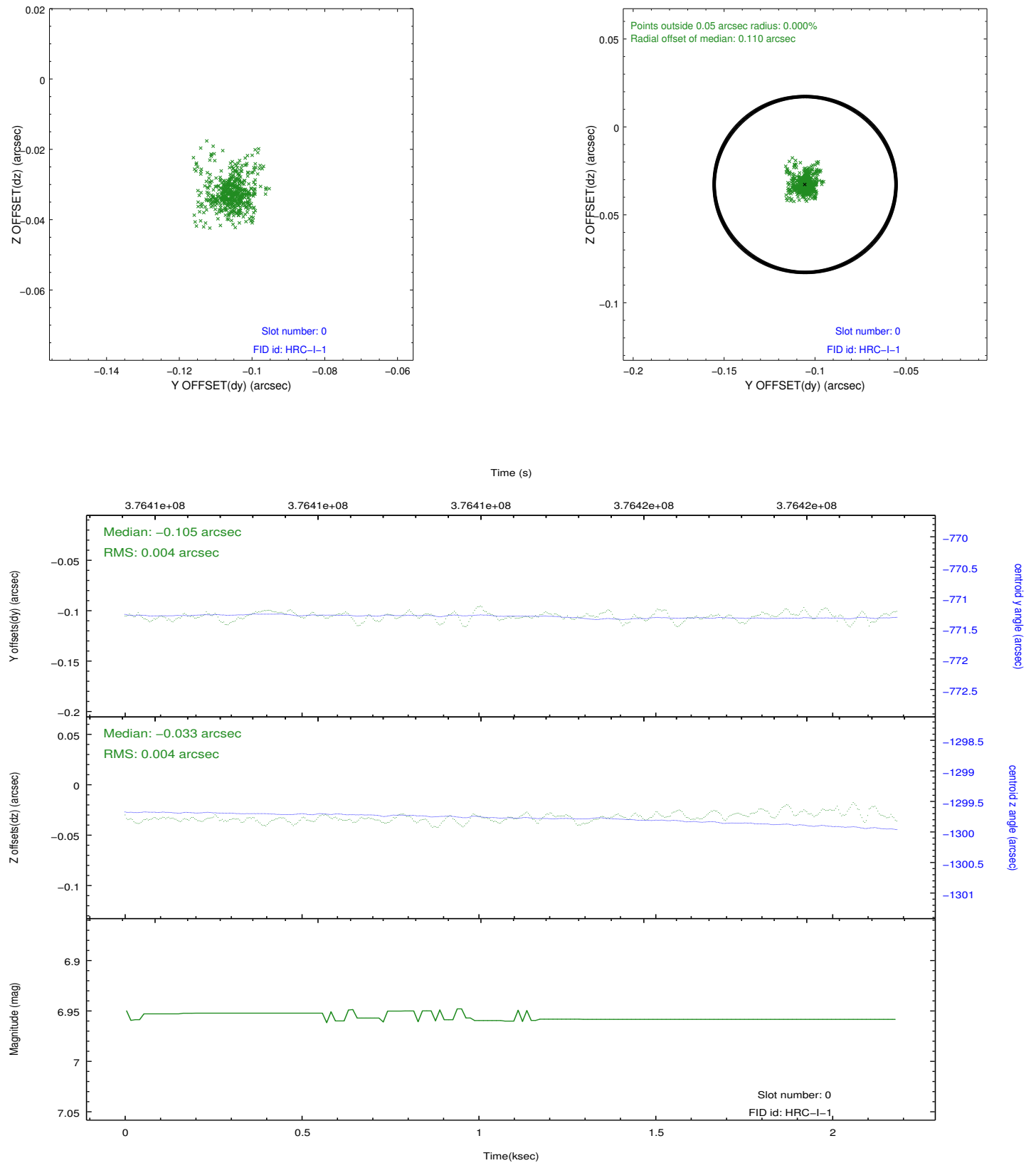


2.4.5 Slot 7

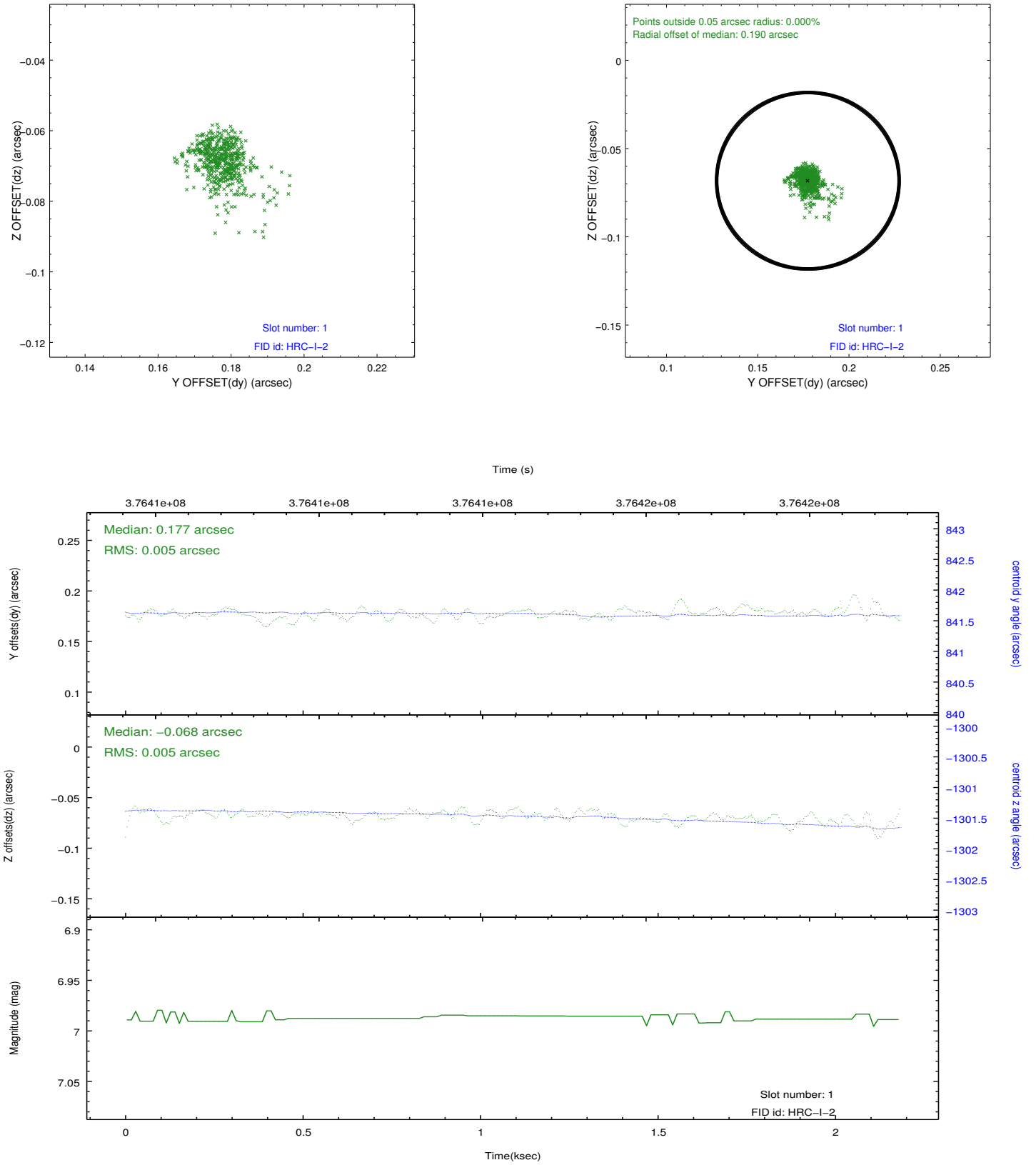


2.5 FID Slots

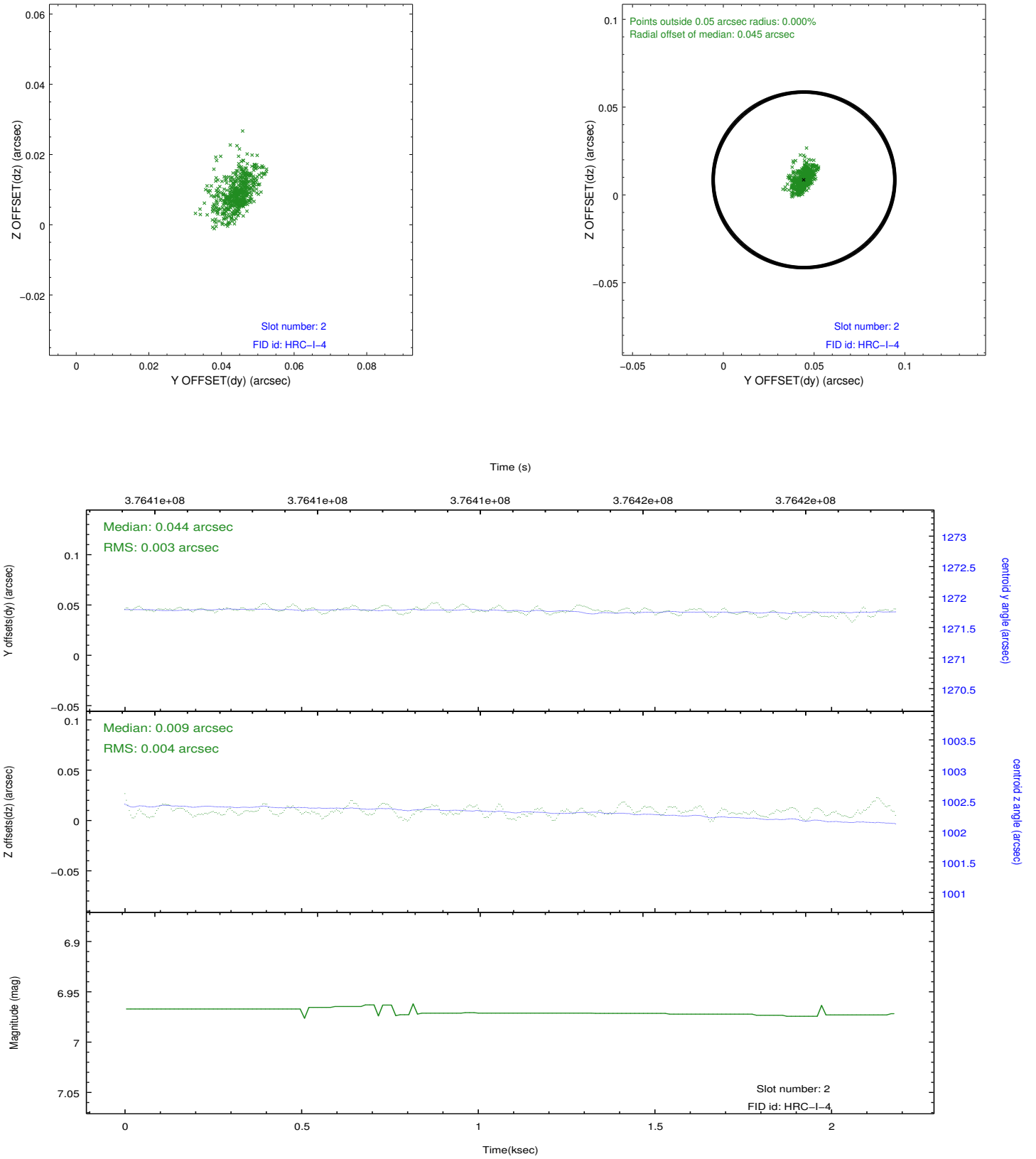
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1804313598871

A.2 Comments

Window constraint met.