

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6454 - L2 Version 3
Chandra X-Ray Center

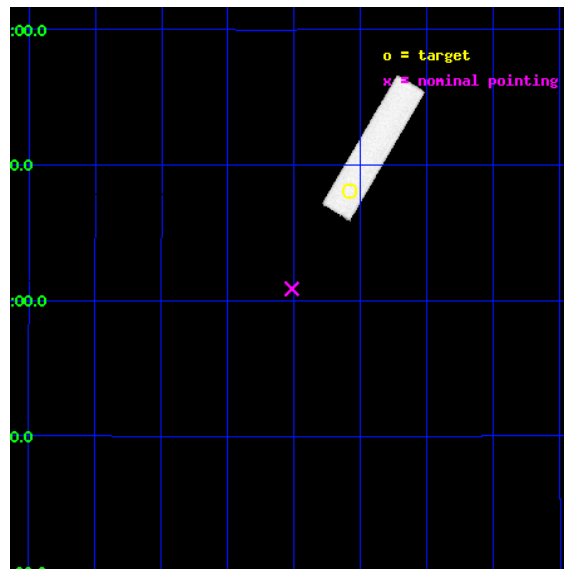
L2 Processing Date : Aug 10 2012

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1 Front

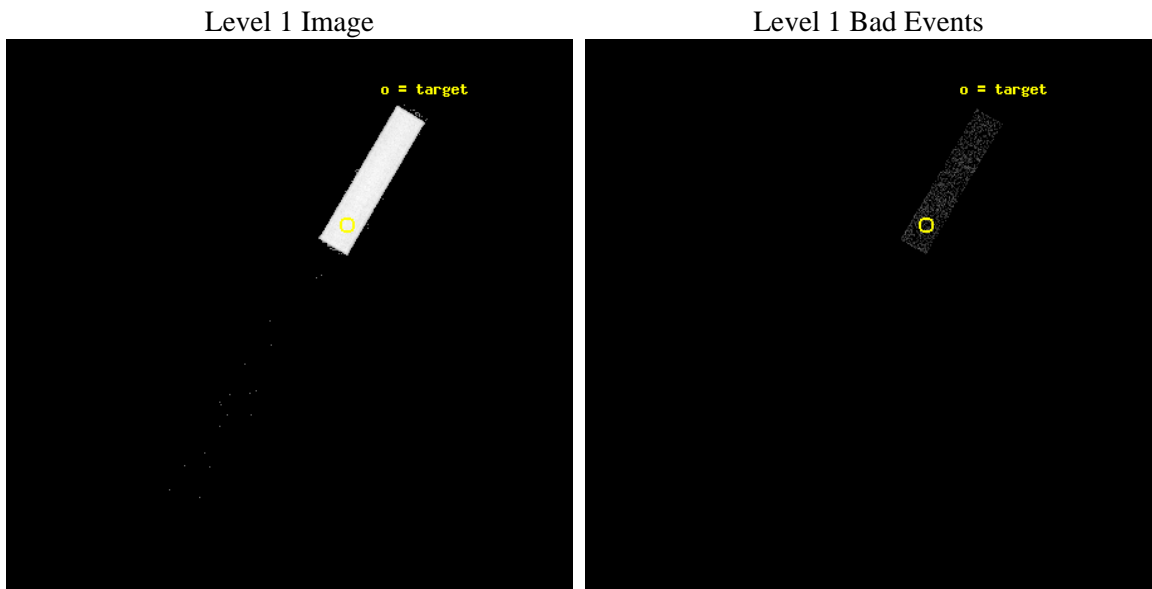
seq_num	290547	Sequence number
obs_id	6454	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Betelgeuse	Source name
ra_targ	88.792917	Observer's specified target RA [deg]
dec_targ	7.407056	Observer's specified target Dec [deg]
ra_nom	89.008643567418	Nominal RA [deg]
dec_nom	7.0440963307202	Nominal Dec [deg]
roll_nom	300.57311570307	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.325101316	[s]
livetime	2170.867765827	Ontime multiplied by DTCOR
l2events	113918	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2186.325101316	[s]
caldbver	4.5.1.1	 	l1events	196723	Number of level 1 events
date	2012-08-10T23:17:41	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

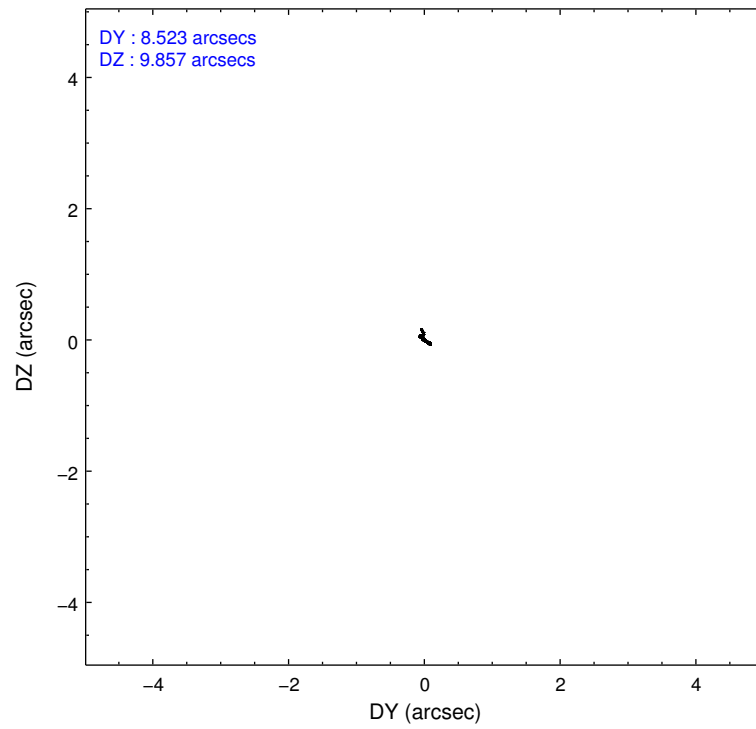
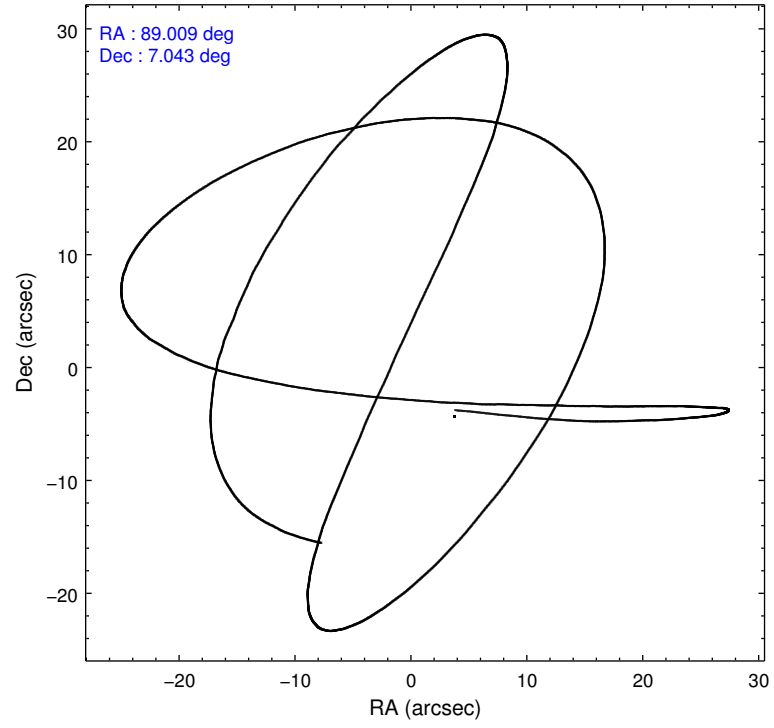
	segment 1	segment 2	segment 3
level 1 events	196642	66	15
rejected events	54750	20	15
rejected %	27%	30%	100%

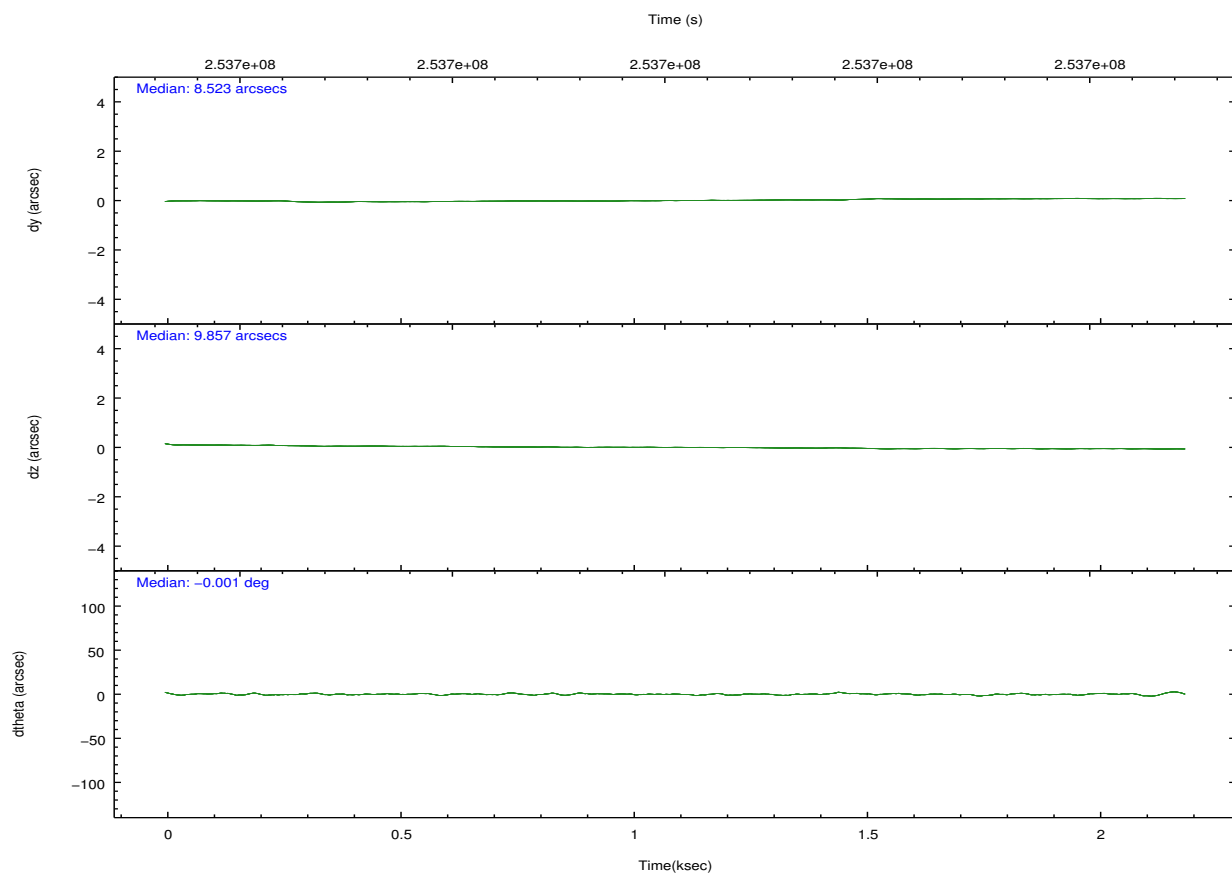
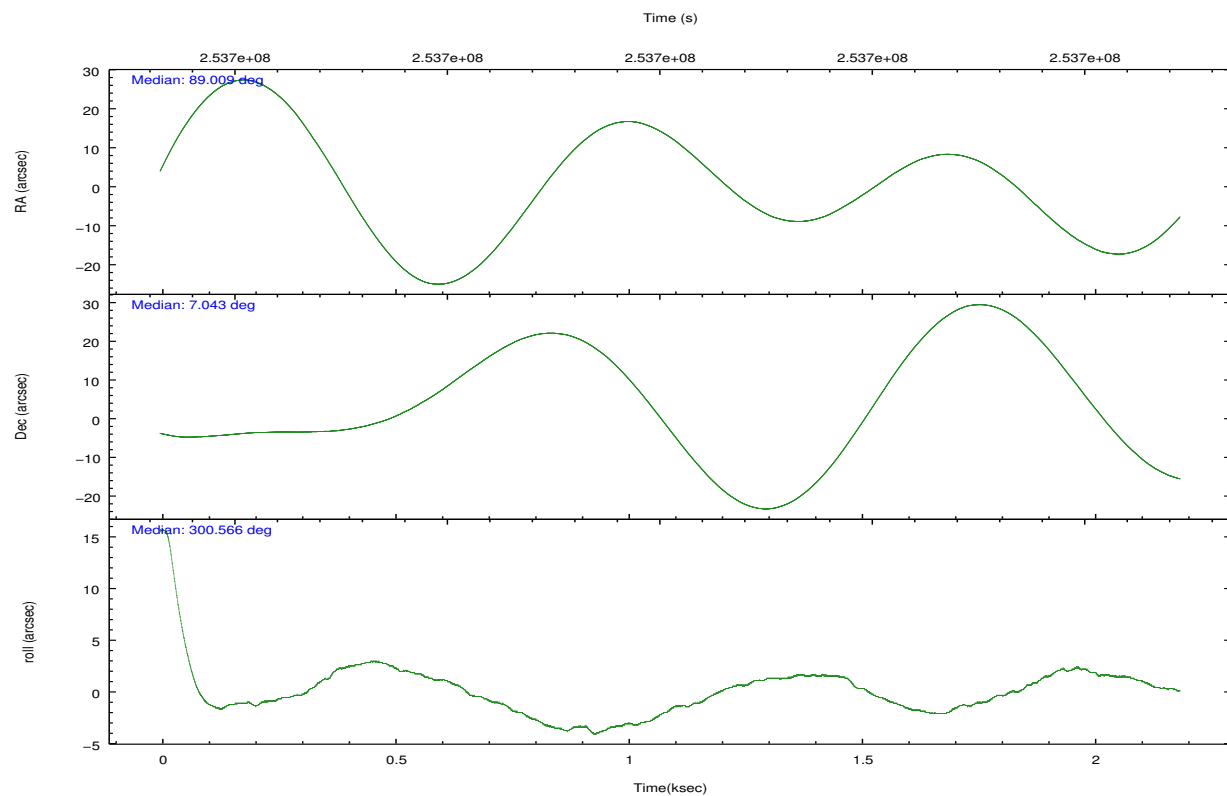
2.2 Compared Parameters

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	88.982714	89.00864356741823
[deg] Pointing Dec	7.056824	7.044096330720239
[deg] Pointing Roll	300.508864	300.5731157030655
[s] Window start time (MET)	247190464.184000	247190464.184000
[s] Window stop time (MET)	253843265.184000	253843265.184000
[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)	253700118.184000	253699204.27334
Observation start date	2006-01-15T08:14:13	2006-01-15T08:00:04
[s] Observation end time (MET)	253702118.184000	253703367.82353
Observation end date	2006-01-15T08:47:33	2006-01-15T09:09:27

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

2.3 Aspect



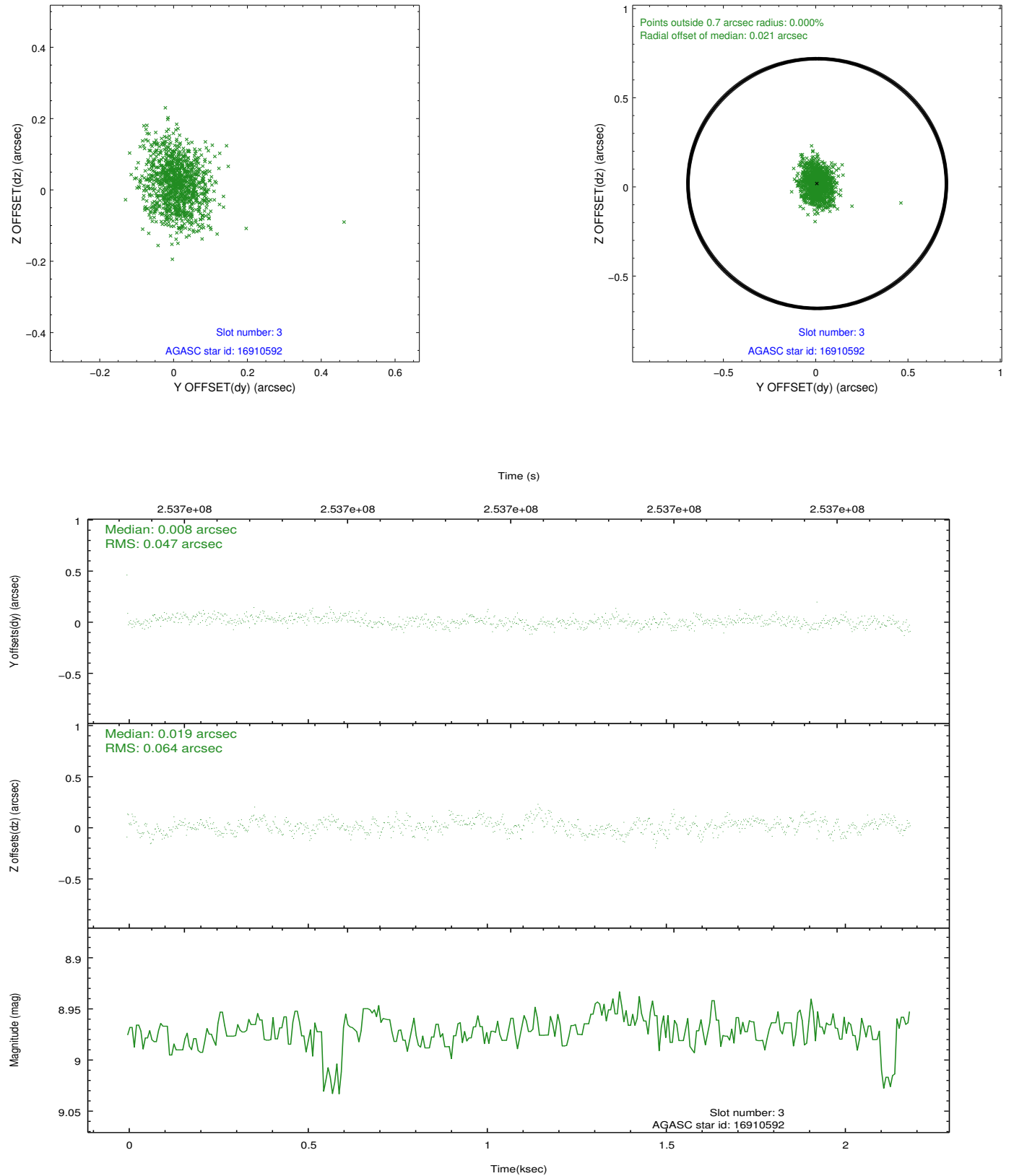


Slot Statistics

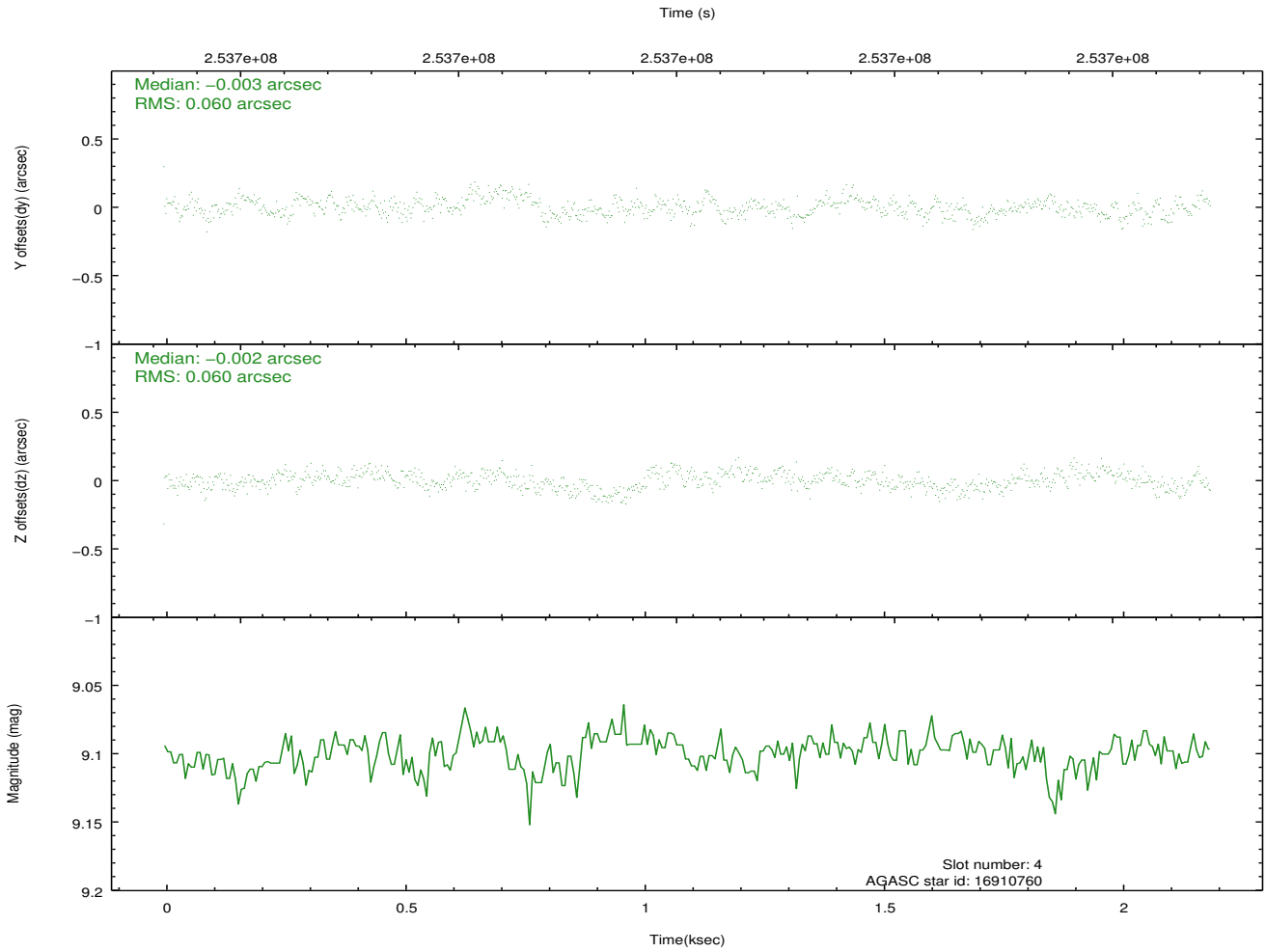
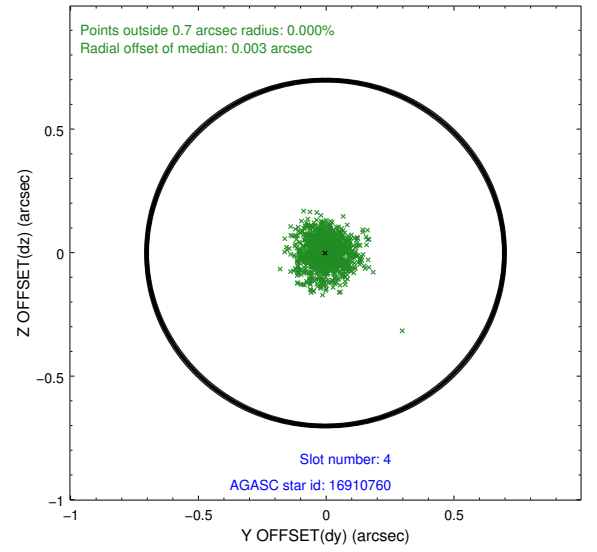
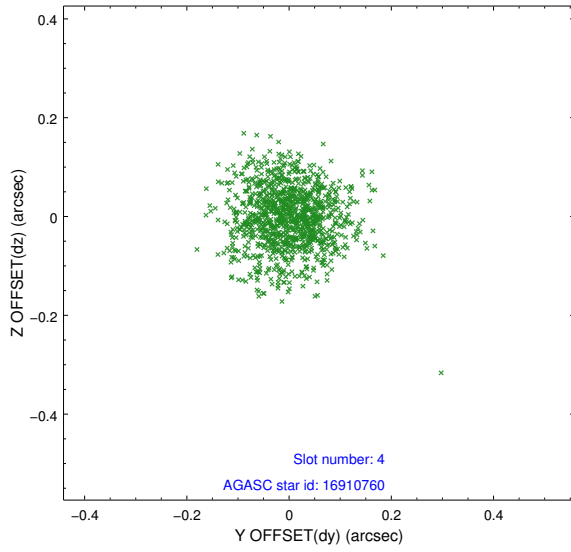
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.00	534	0.142	-0.153	0.008	0.014	0.000000	0.000000	1236.93	-451.22
1	FID	HRC-S-3	7.02	534	0.056	-0.095	0.006	0.011	0.000000	0.000000	-1163.17	570.25
2	FID	HRC-S-4	6.98	534	0.208	-0.047	0.008	0.015	0.000000	0.000000	1233.44	574.67
3	GUIDE	16910592	8.97	1064	0.008	0.019	0.083	0.136	88.532936	6.726769	207.12	-1988.65
4	GUIDE	16910760	9.10	1066	-0.003	-0.002	0.092	0.143	89.059695	7.486642	-1193.33	1019.84
5	GUIDE	16912512	7.71	1067	-0.106	-0.014	0.064	0.105	88.651510	7.129862	-828.41	-885.20
6	GUIDE	16917248	8.71	1067	0.163	-0.010	0.067	0.113	89.306967	6.774731	1462.64	482.26
7	GUIDE	16919816	8.05	1066	-0.066	0.015	0.071	0.117	89.630265	7.125838	960.22	2120.04

2.4 Star Slots

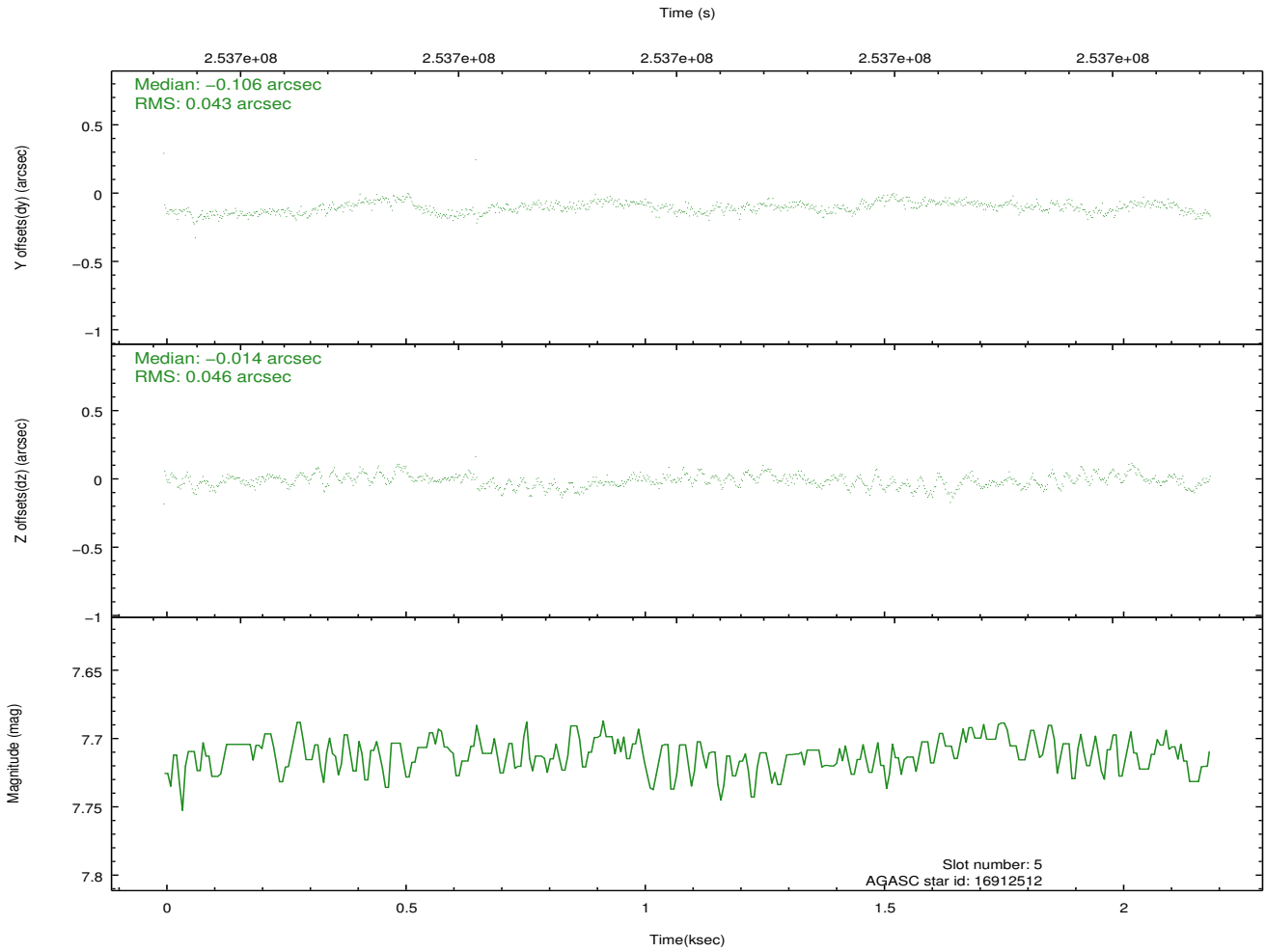
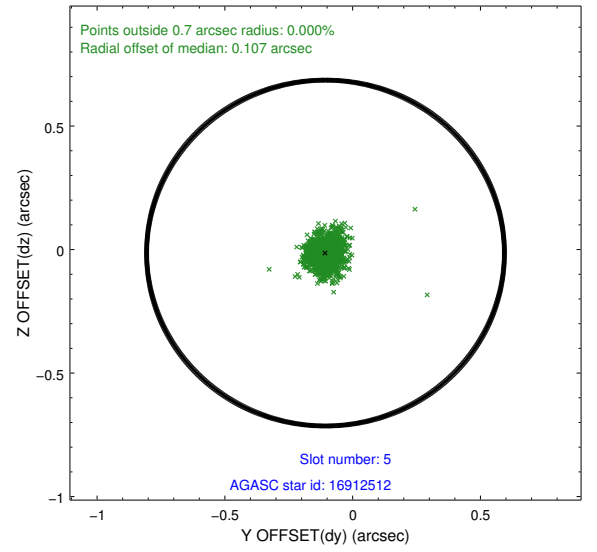
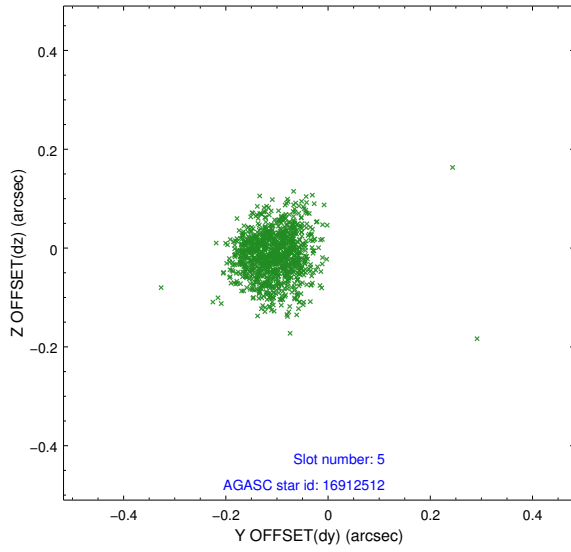
2.4.1 Slot 3



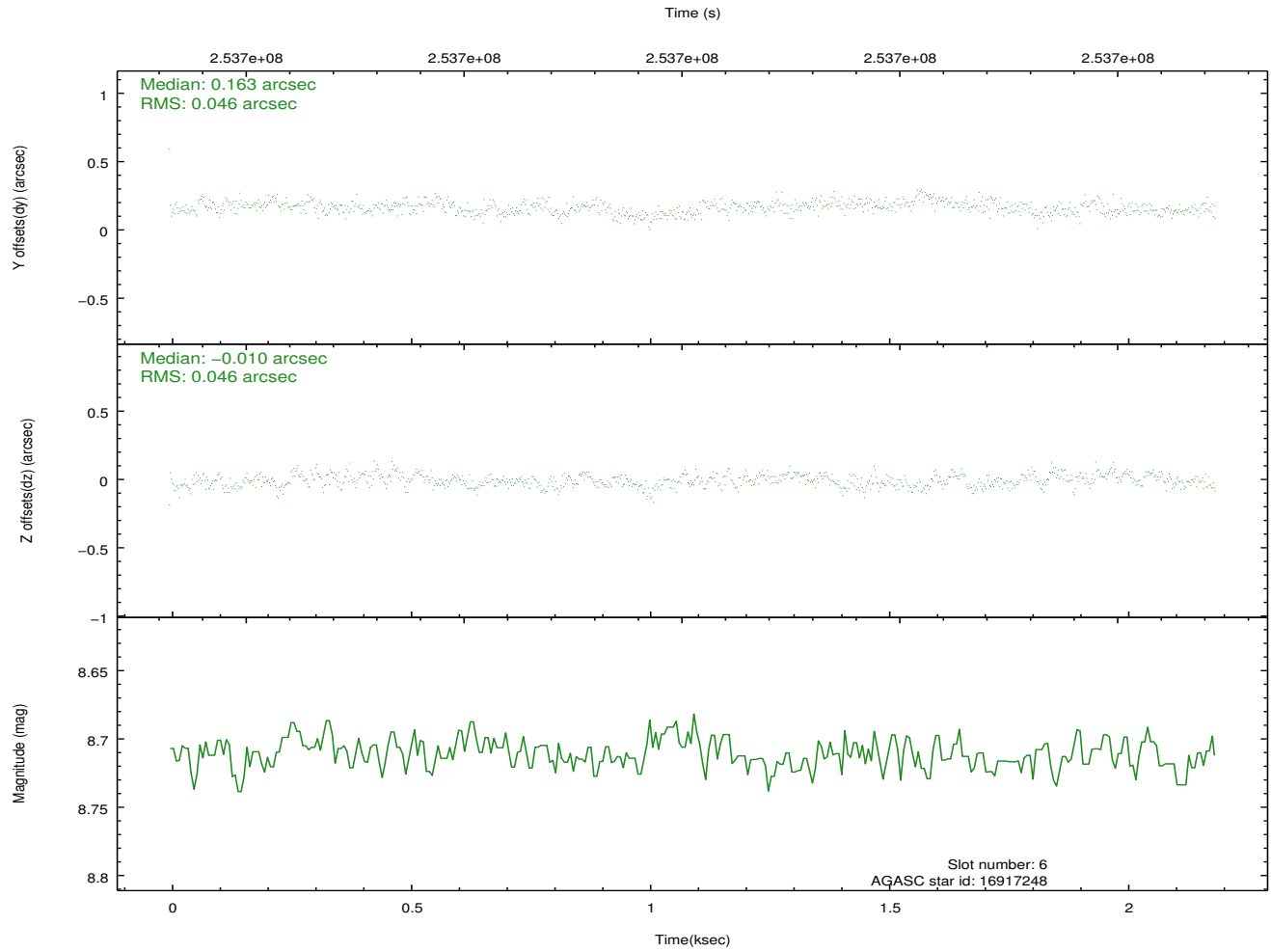
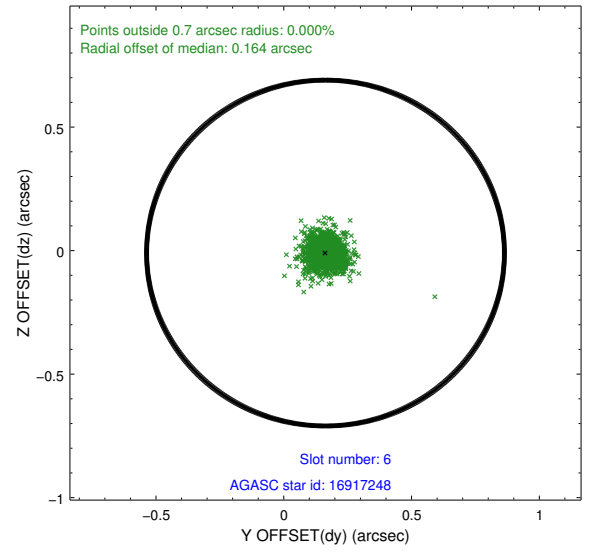
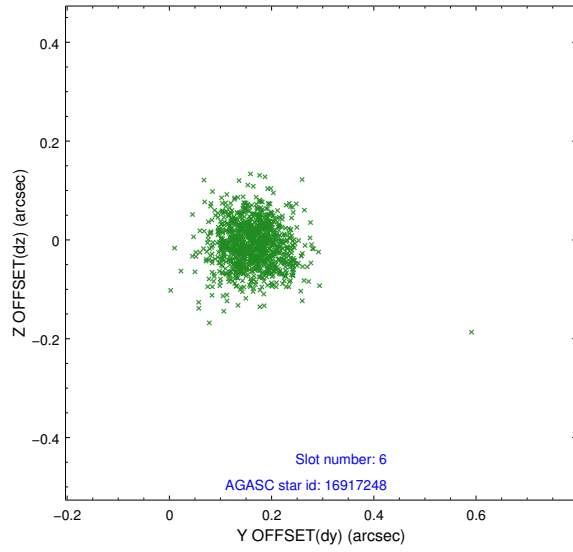
2.4.2 Slot 4



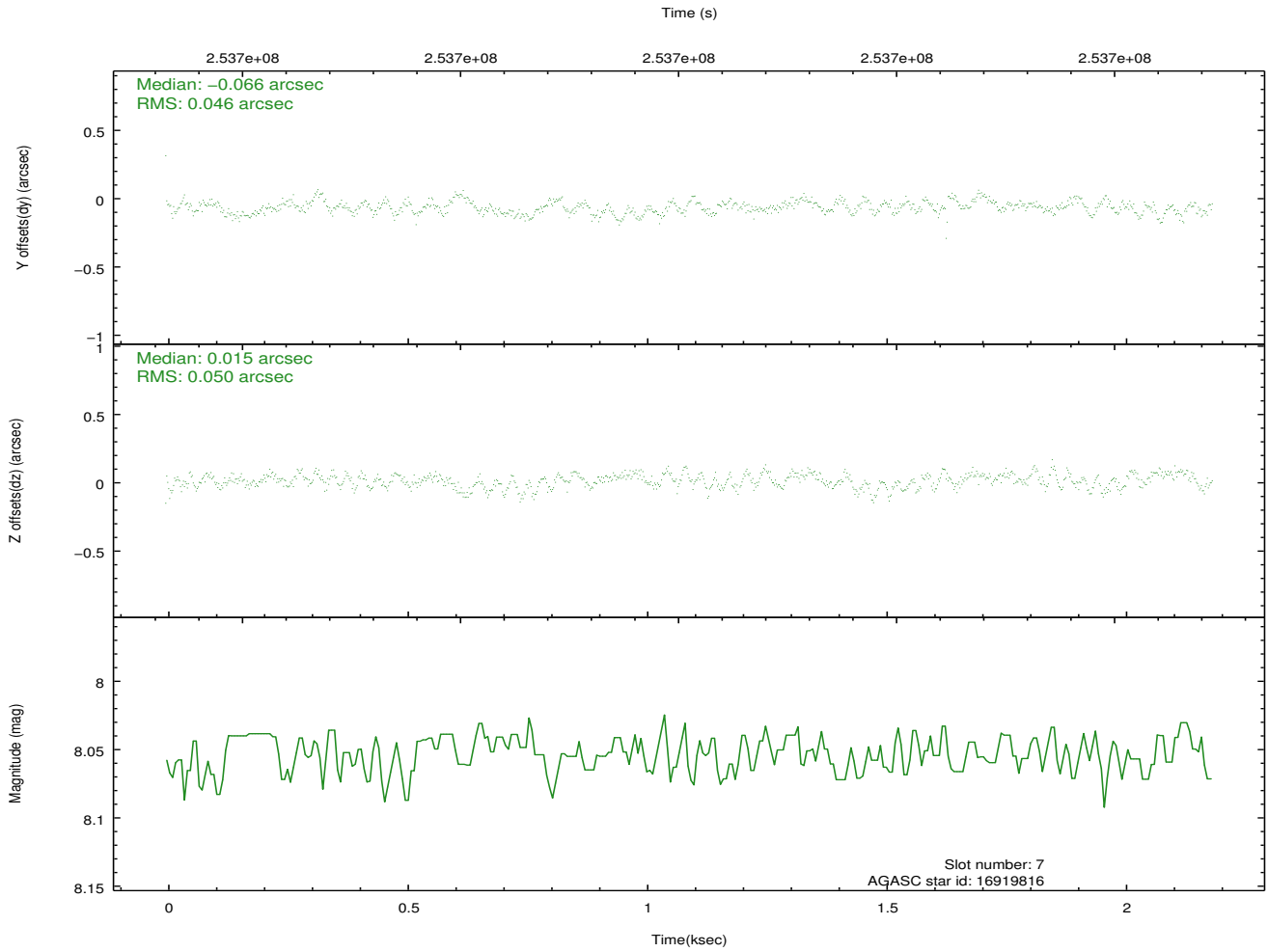
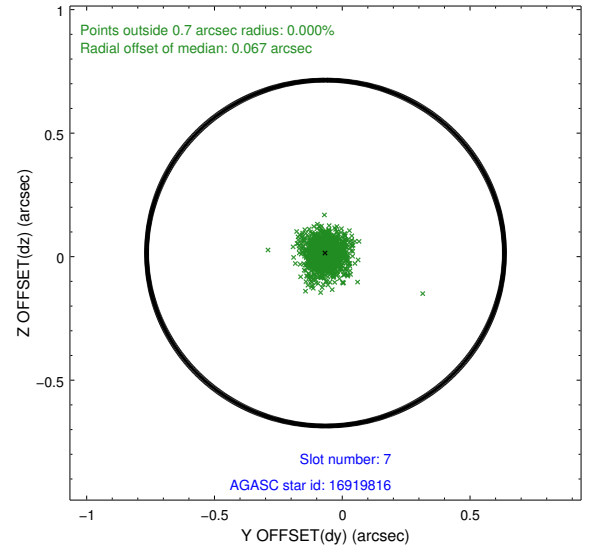
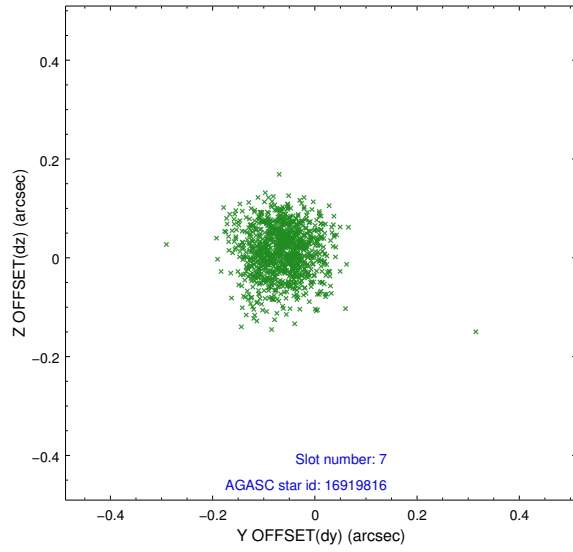
2.4.3 Slot 5



2.4.4 Slot 6

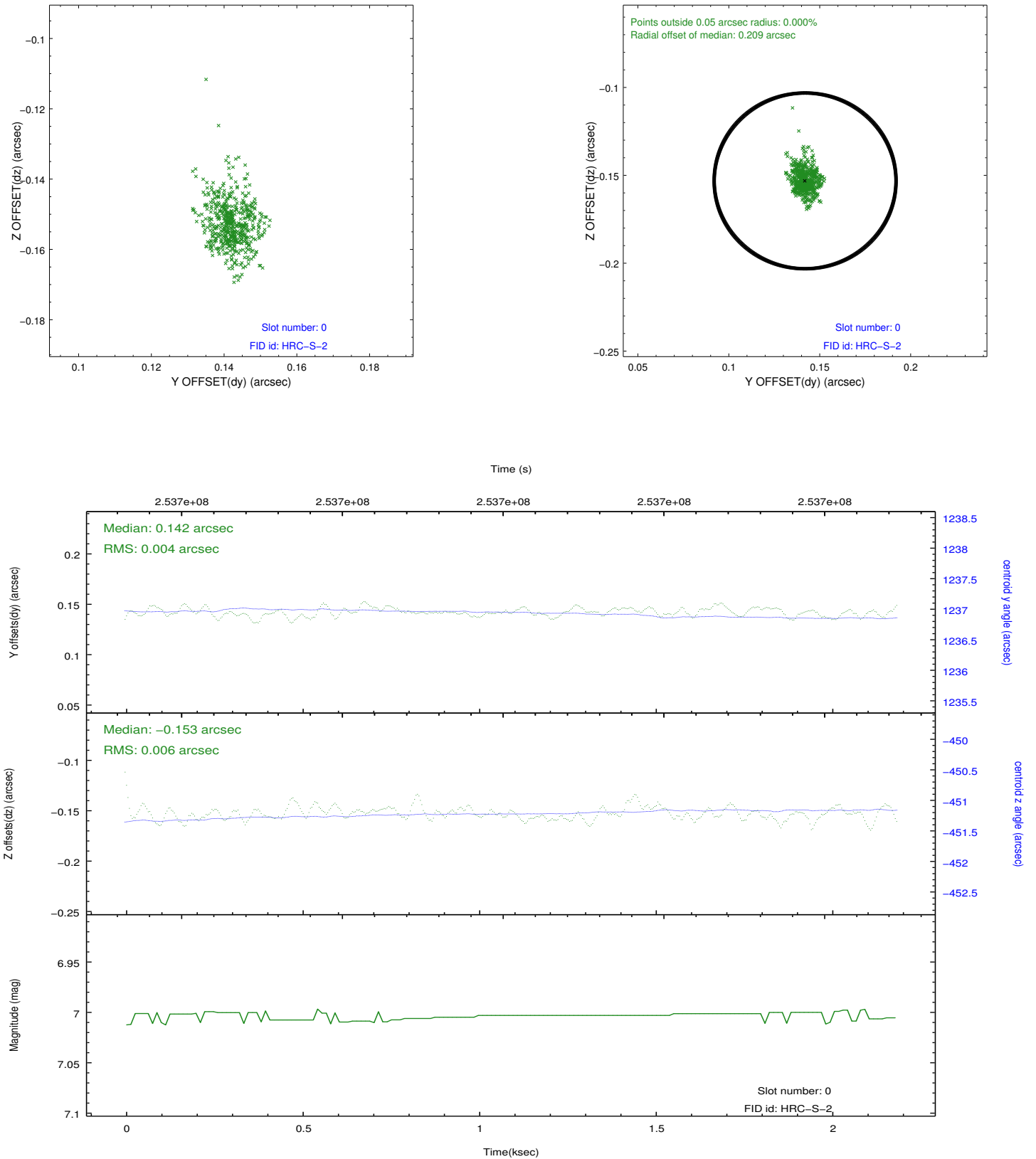


2.4.5 Slot 7

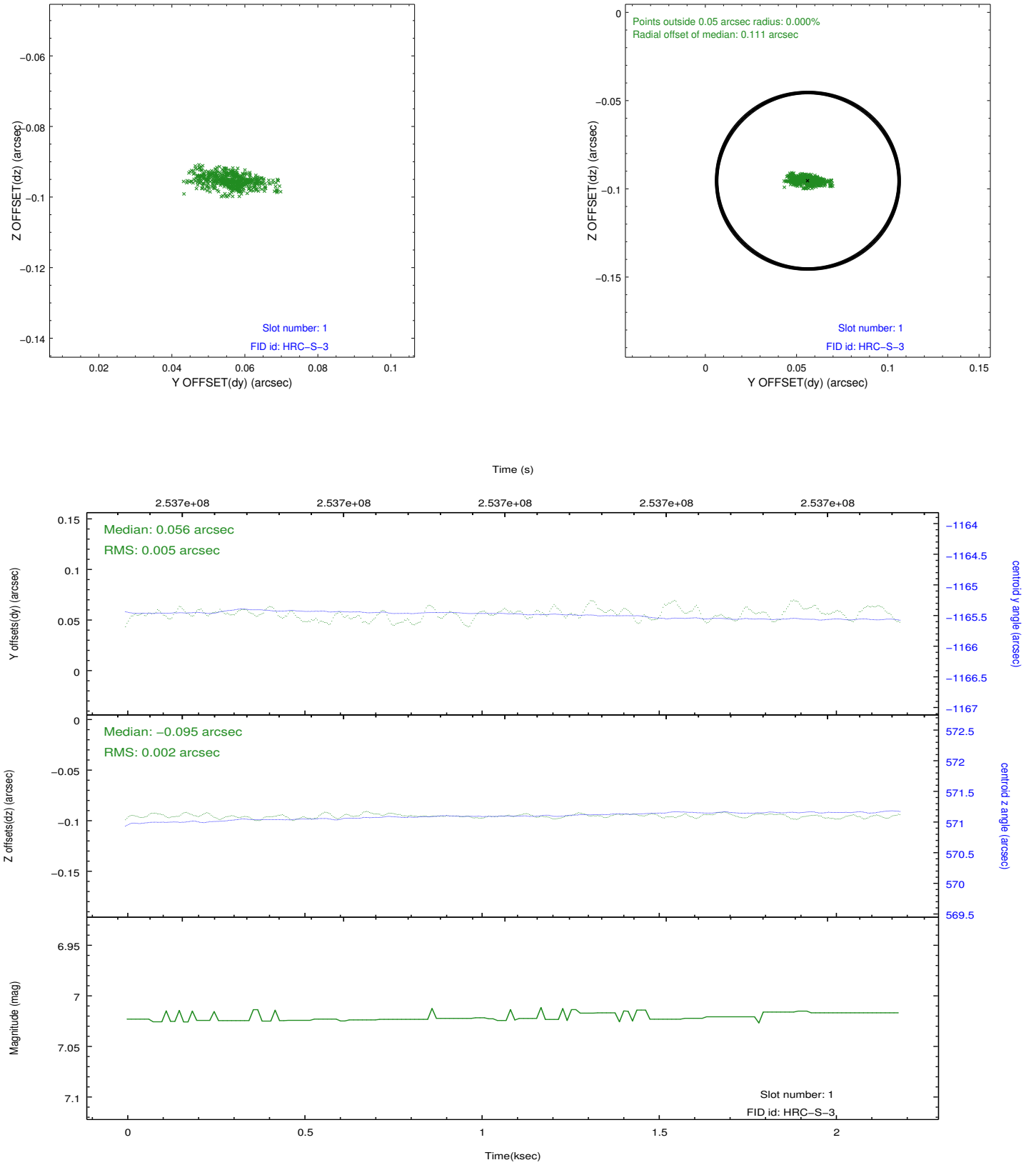


2.5 FID Slots

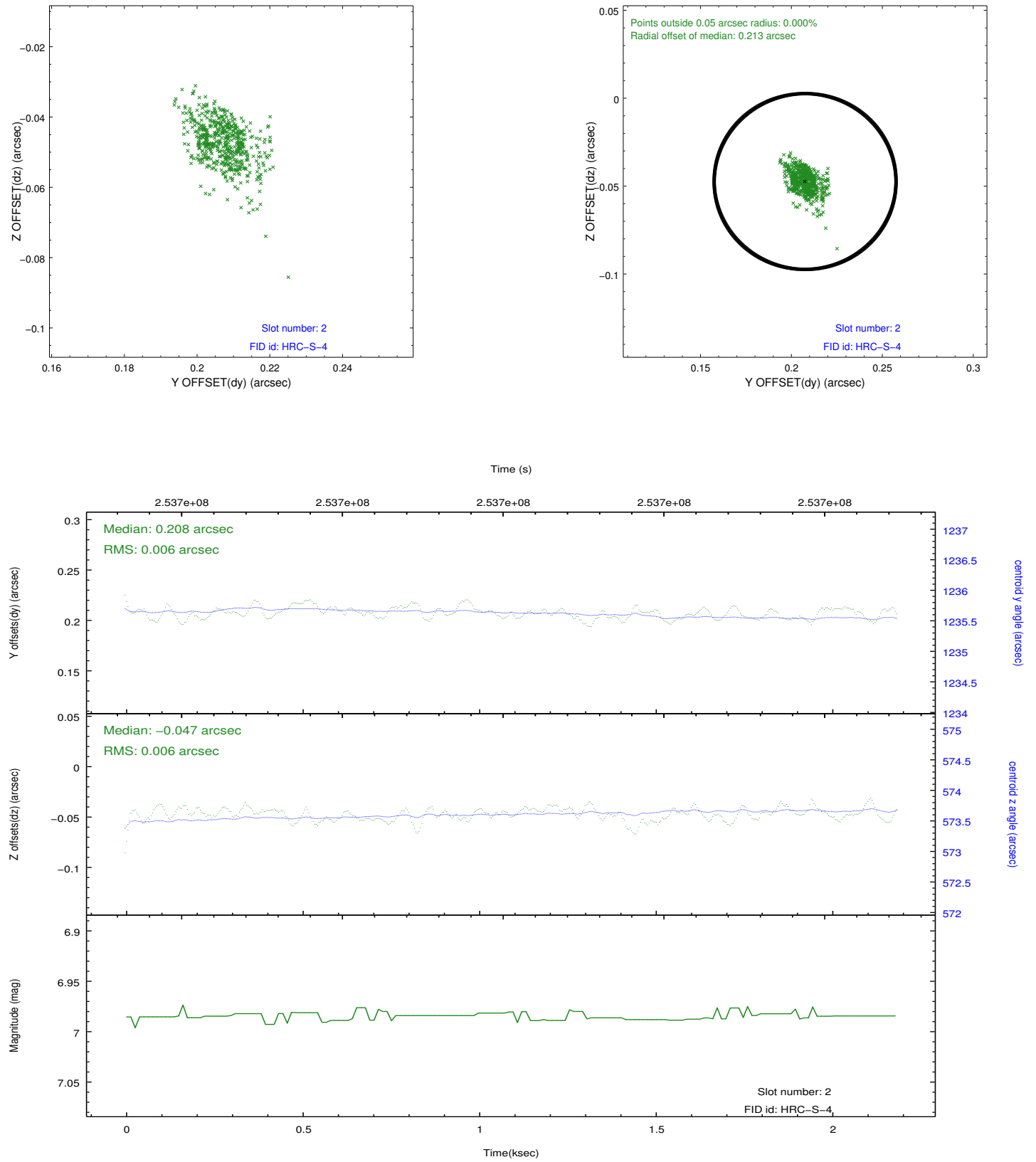
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1863251

A.2 Comments

Window constraint satisfied.