

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13180 - L2 Version 3
Chandra X-Ray Center

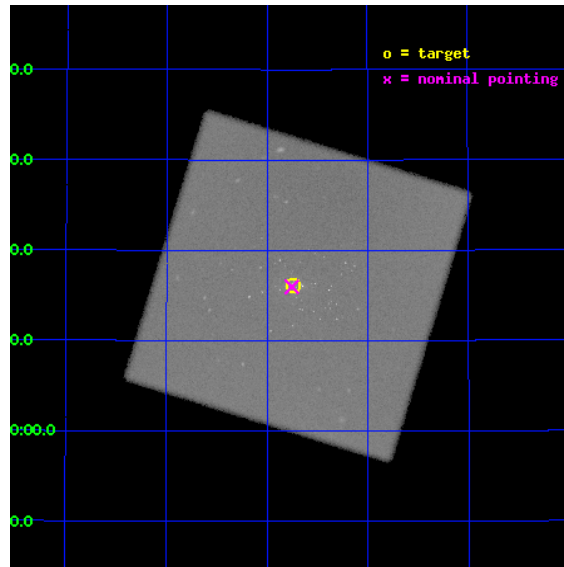
L2 Processing Date : Jul 27 2012

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1 Front

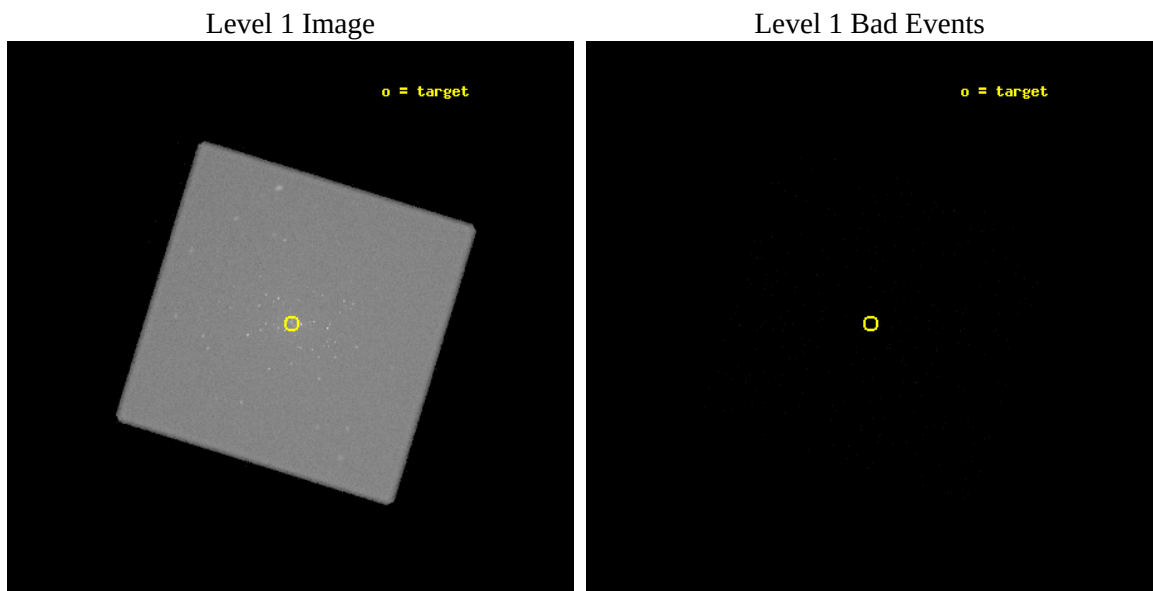
seq_num	300291	Sequence number
obs_id	13180	Observation id
title	Resolving short supersoft source states of optical novae in the core of M31	Proposal title
observer	Dr. Peter Predehl	Principal investigator
object	M31	Source name
ra_targ	10.684583	Observer's specified target RA [deg]
dec_targ	41.269278	Observer's specified target Dec [deg]
ra_nom	10.688193206534	Nominal RA [deg]
dec_nom	41.266083822094	Nominal Dec [deg]
roll_nom	332.15277045538	Nominal Roll [deg]
revision	3	Processing version of data
ontime	17682.532166004	[s]
liveltime	17023.974645299	Ontime multiplied by DTCOR
l2events	1800655	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	17500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	17682.532166004	[s]
caldbver	4.5.1	 	l1events	2662482	Number of level 1 events
date	2012-07-27T21:34:36	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

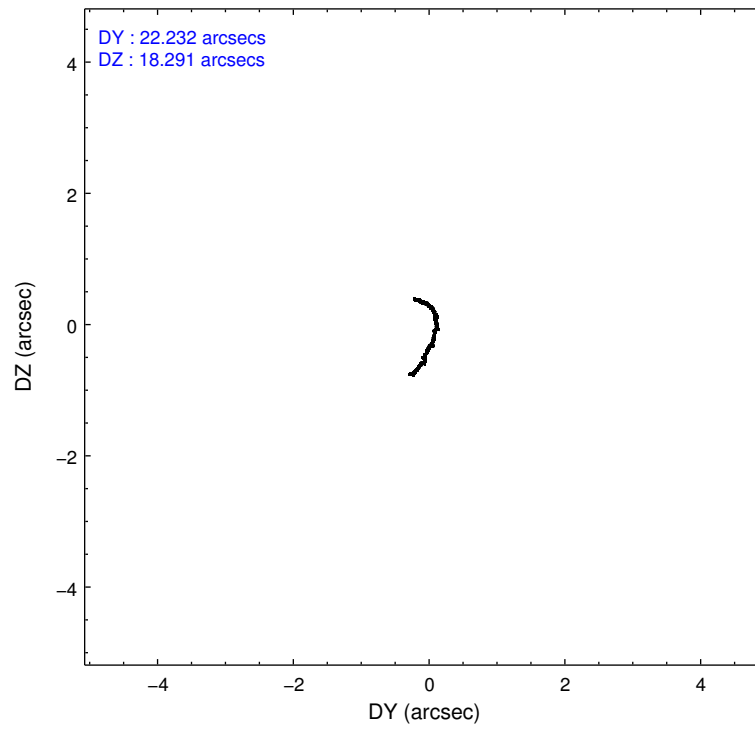
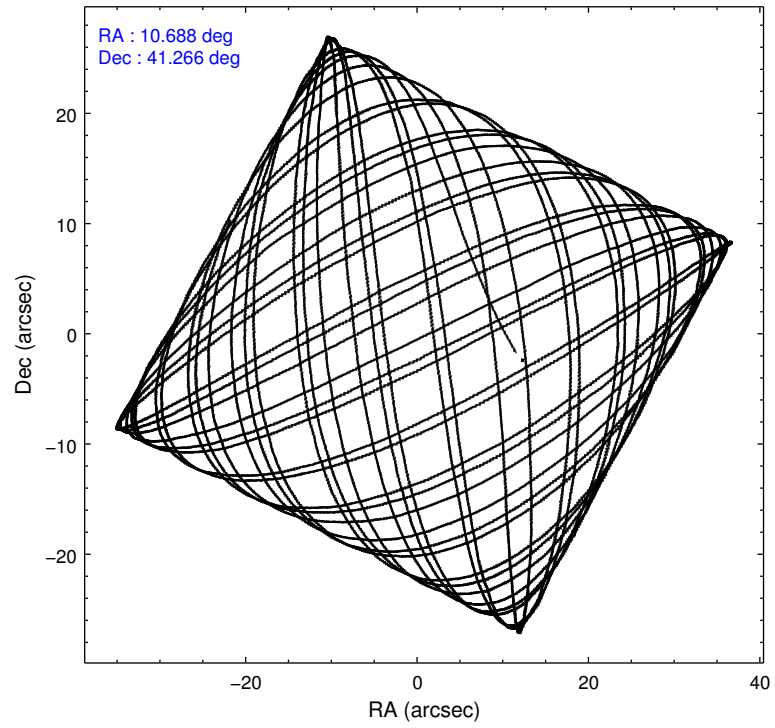
Level 1 Events

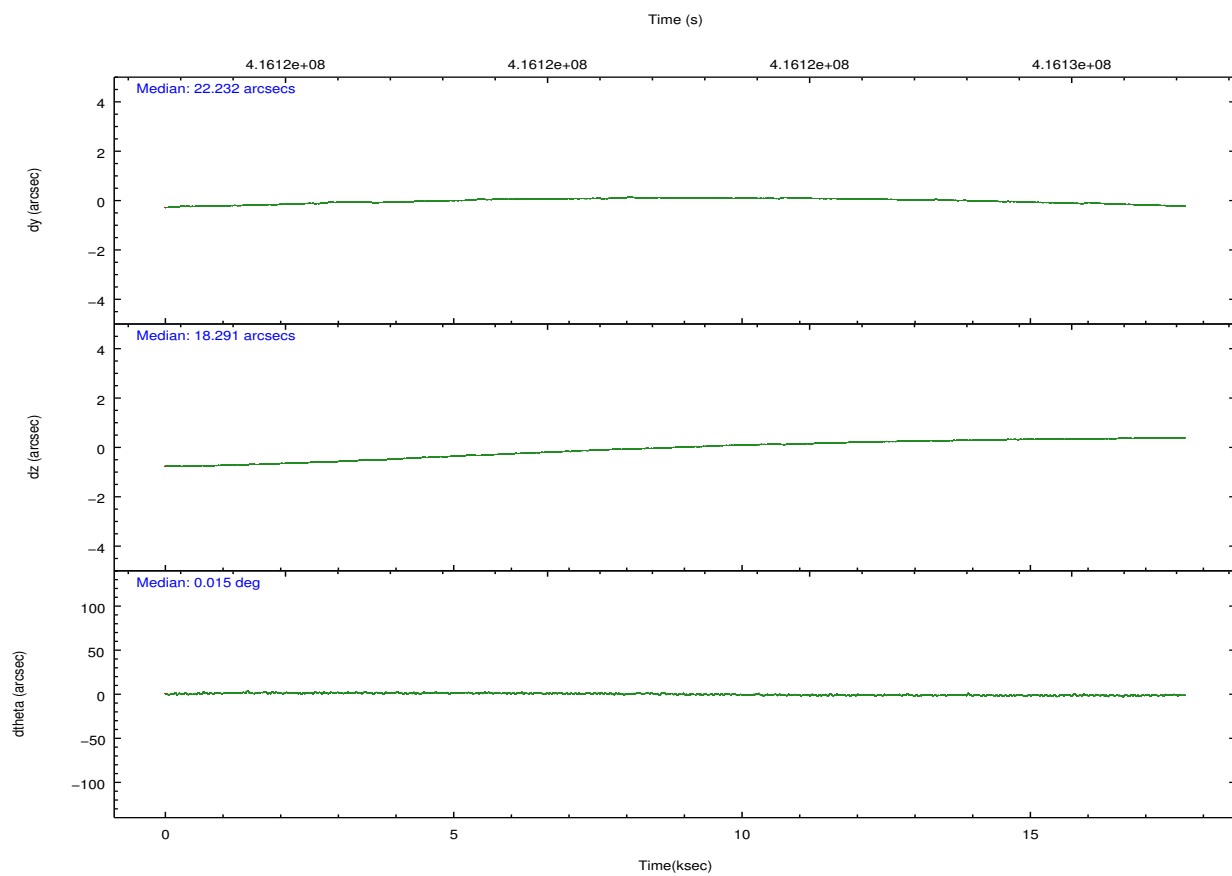
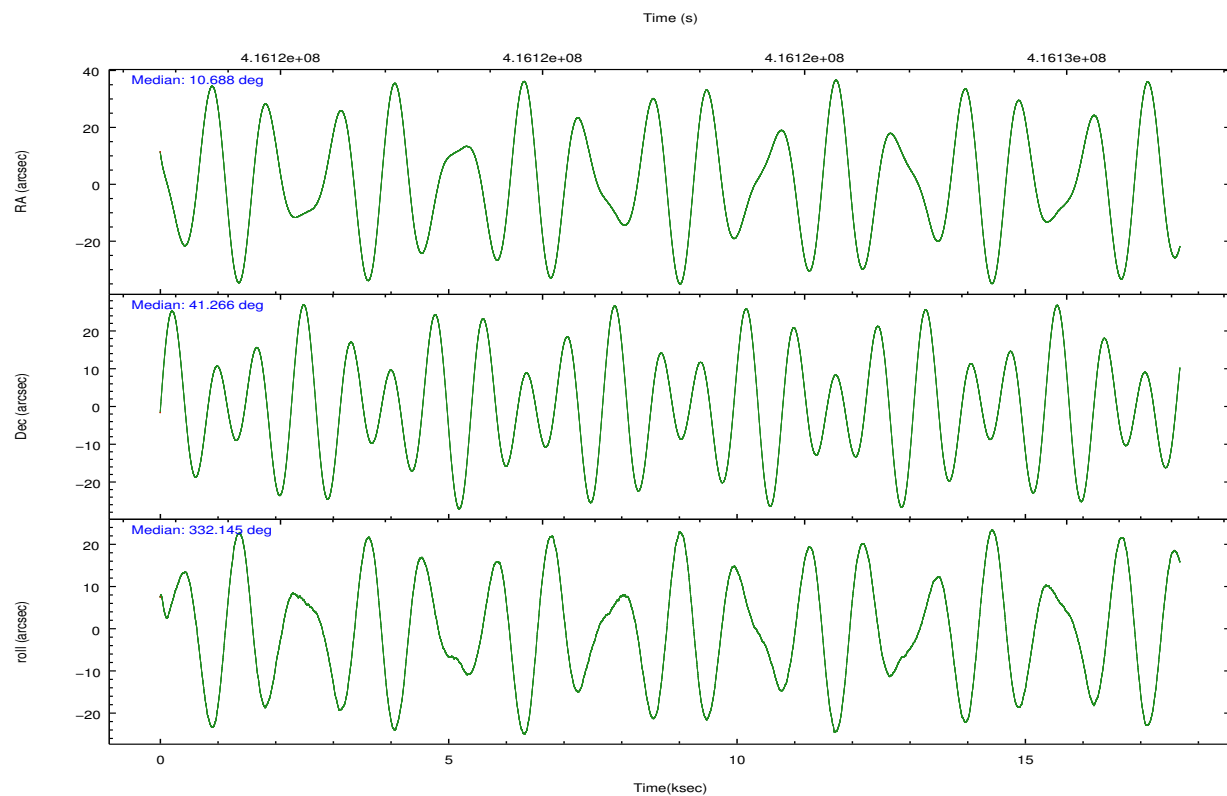
	segment 0
level 1 events	2662482
rejected events	93528
rejected %	3%

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	10.652121	10.68819320653413			
[deg] Pointing Dec	41.264410	41.26608382209373			
[deg] Pointing Roll	332.272057	332.1527704553841			
[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)	416113780.184000	416112841.55206			
Observation start date	2011-03-10T03:08:34	2011-03-10T02:54:01			
[s] Observation end time (MET)	416131280.184000	416132330.90307			
Observation end date	2011-03-10T08:00:14	2011-03-10T08:18:50			

2.3 Aspect



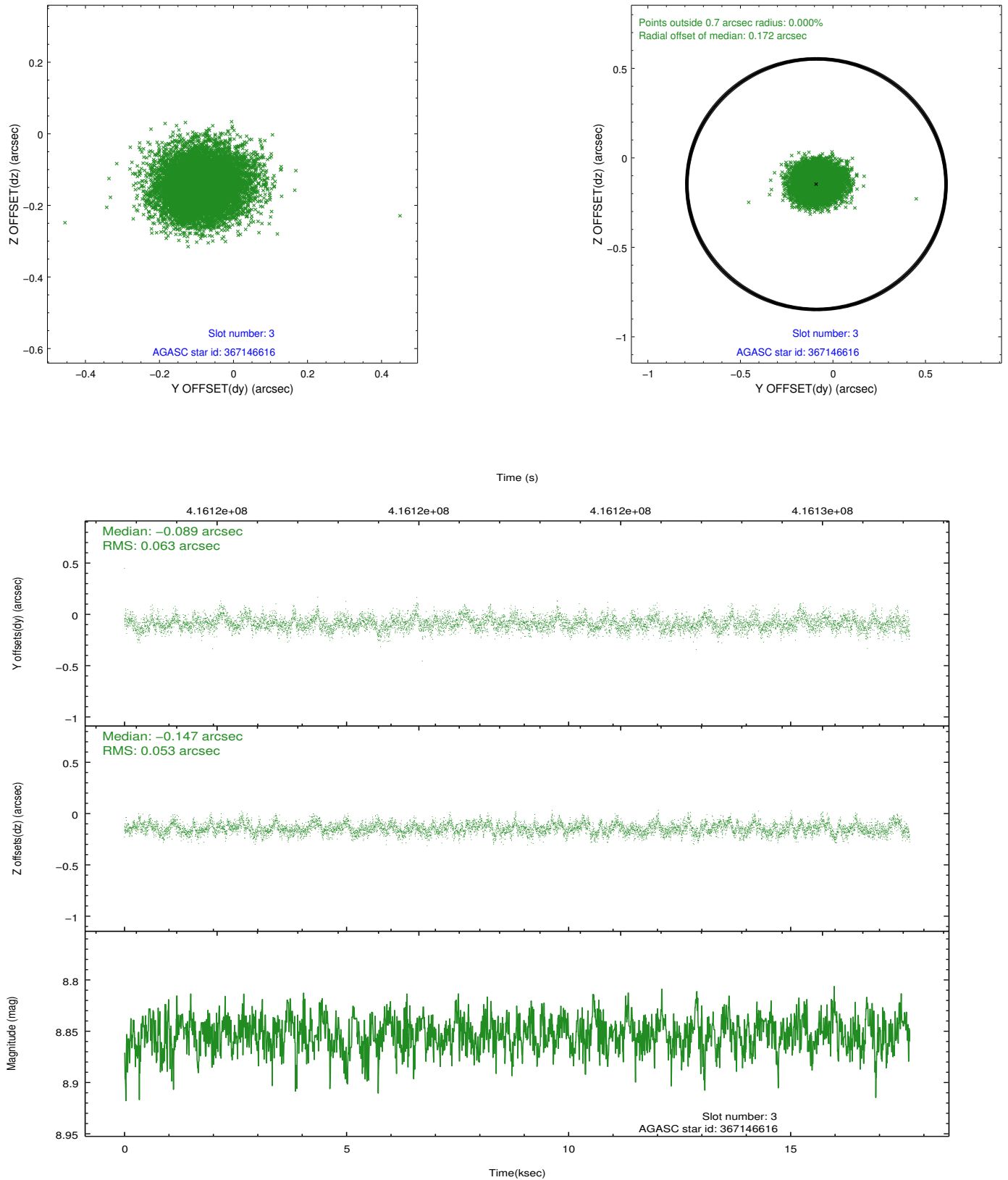


Slot Statistics

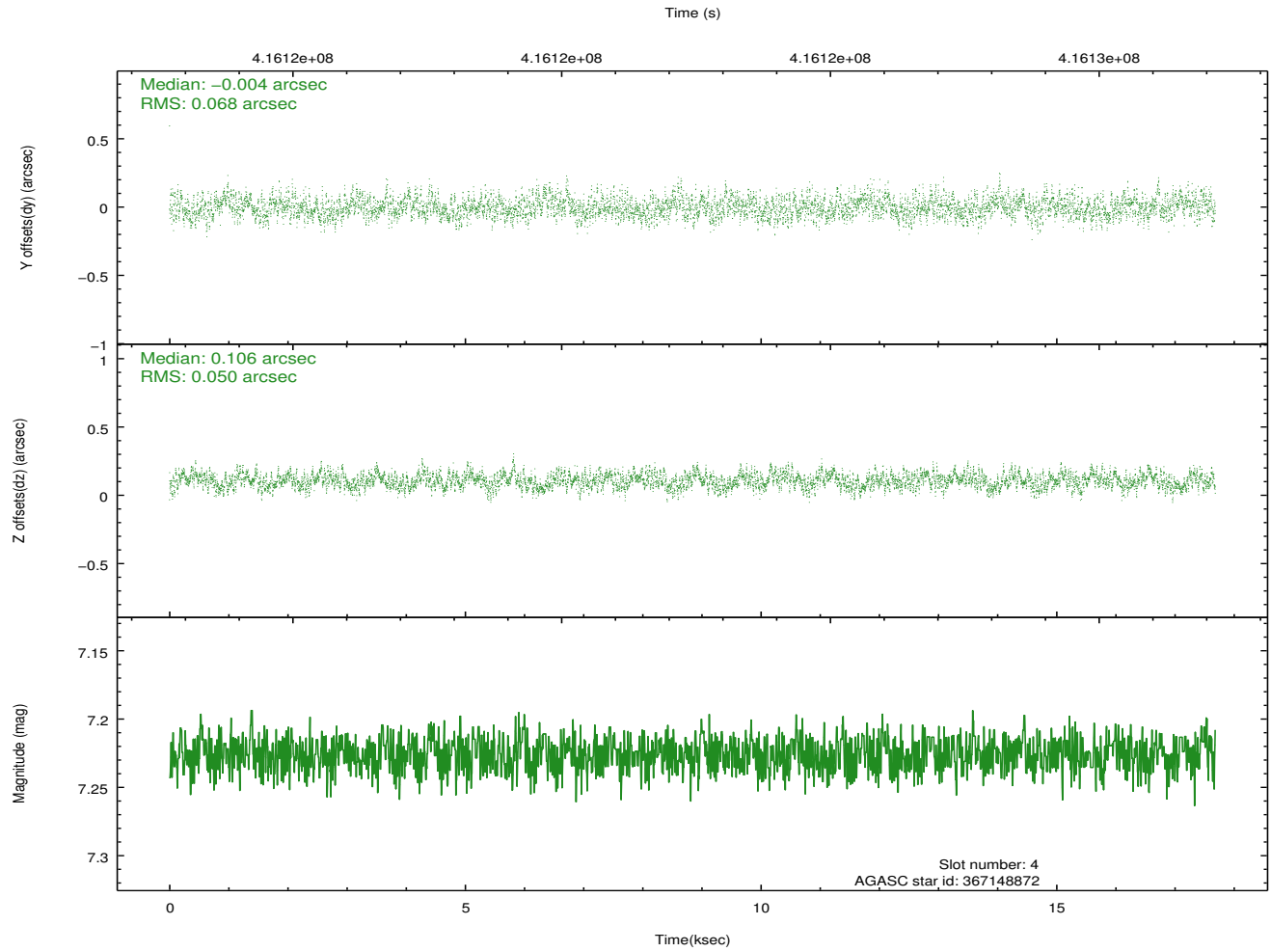
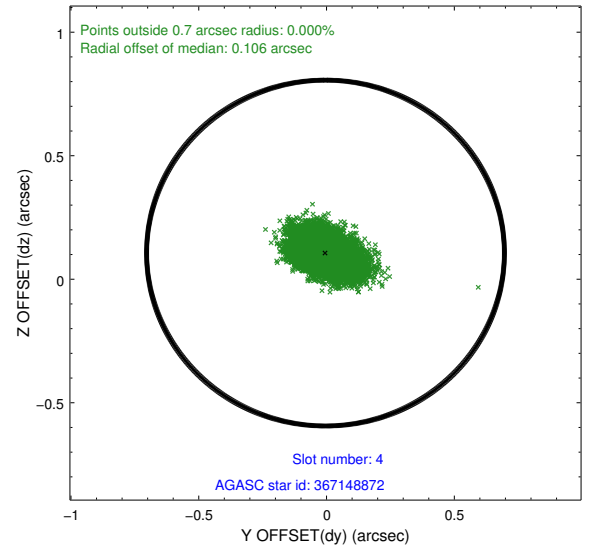
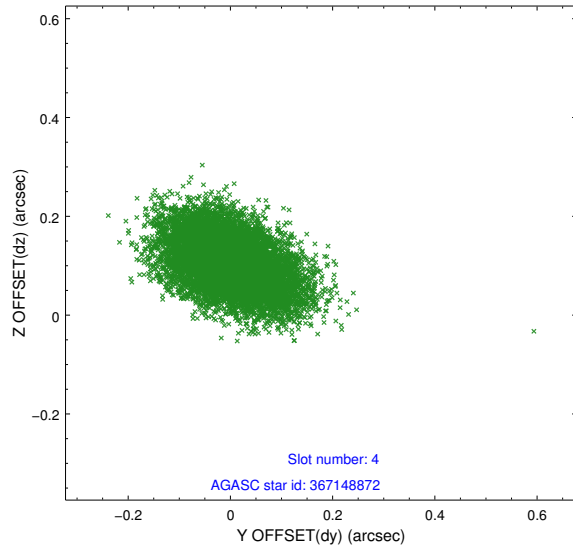
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	4312	-0.130	-0.059	0.011	0.019	0.000000	0.000000	-778.49	-1306.35
1	FID	HRC-I-2	7.01	4313	0.177	-0.068	0.015	0.024	0.000000	0.000000	834.26	-1308.41
2	FID	HRC-I-4	6.98	4314	0.068	0.035	0.009	0.014	0.000000	0.000000	1264.95	995.38
3	GUIDE	367146616	8.85	8612	-0.089	-0.147	0.087	0.143	11.418645	41.190163	1958.55	737.88
4	GUIDE	367148872	7.23	8624	-0.004	0.106	0.090	0.148	10.505940	40.688258	612.93	-2021.69
5	GUIDE	367663272	9.29	8620	0.073	0.134	0.125	0.202	10.656279	41.699429	-718.89	1390.49
6	GUIDE	367674552	8.84	8623	-0.156	0.012	0.104	0.168	11.016238	41.570845	354.09	1434.85
7	GUIDE	367139648	8.22	8621	0.175	-0.106	0.096	0.165	11.021290	40.433909	2287.06	-2173.59

2.4 Star Slots

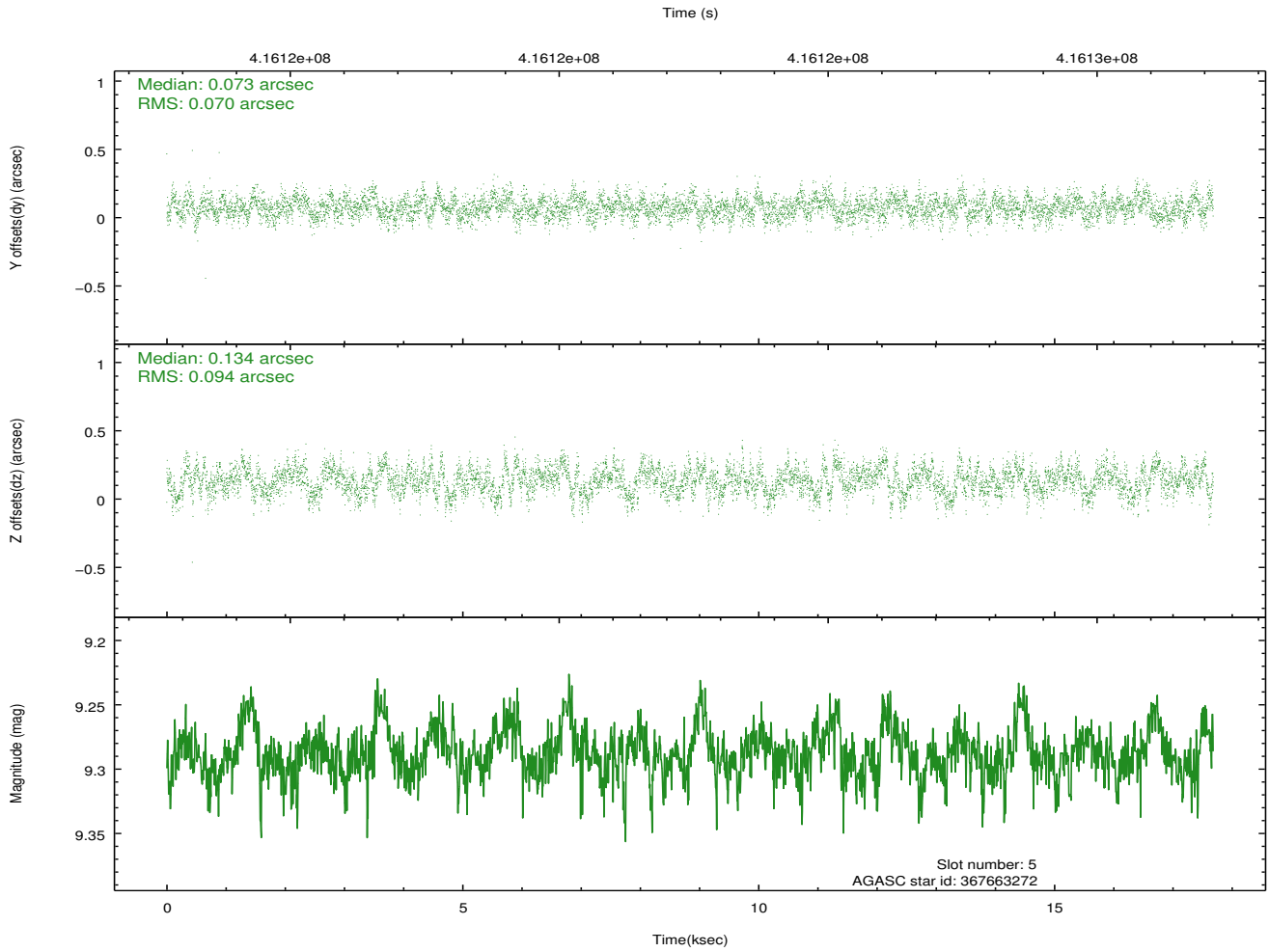
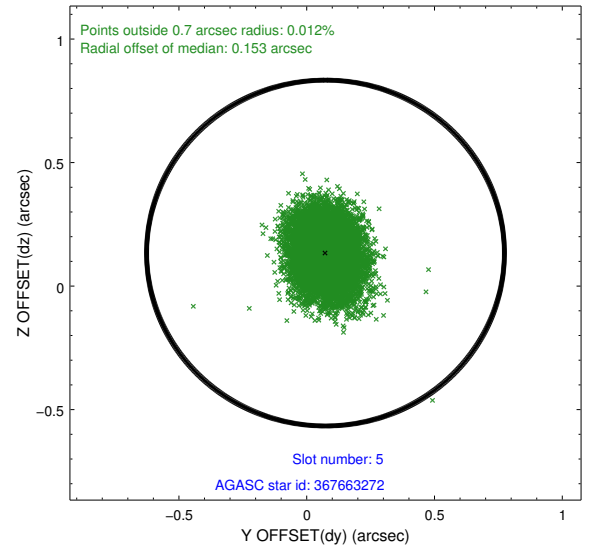
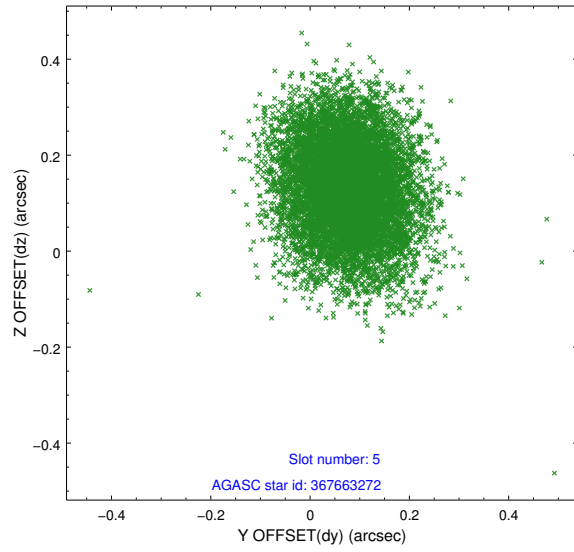
2.4.1 Slot 3



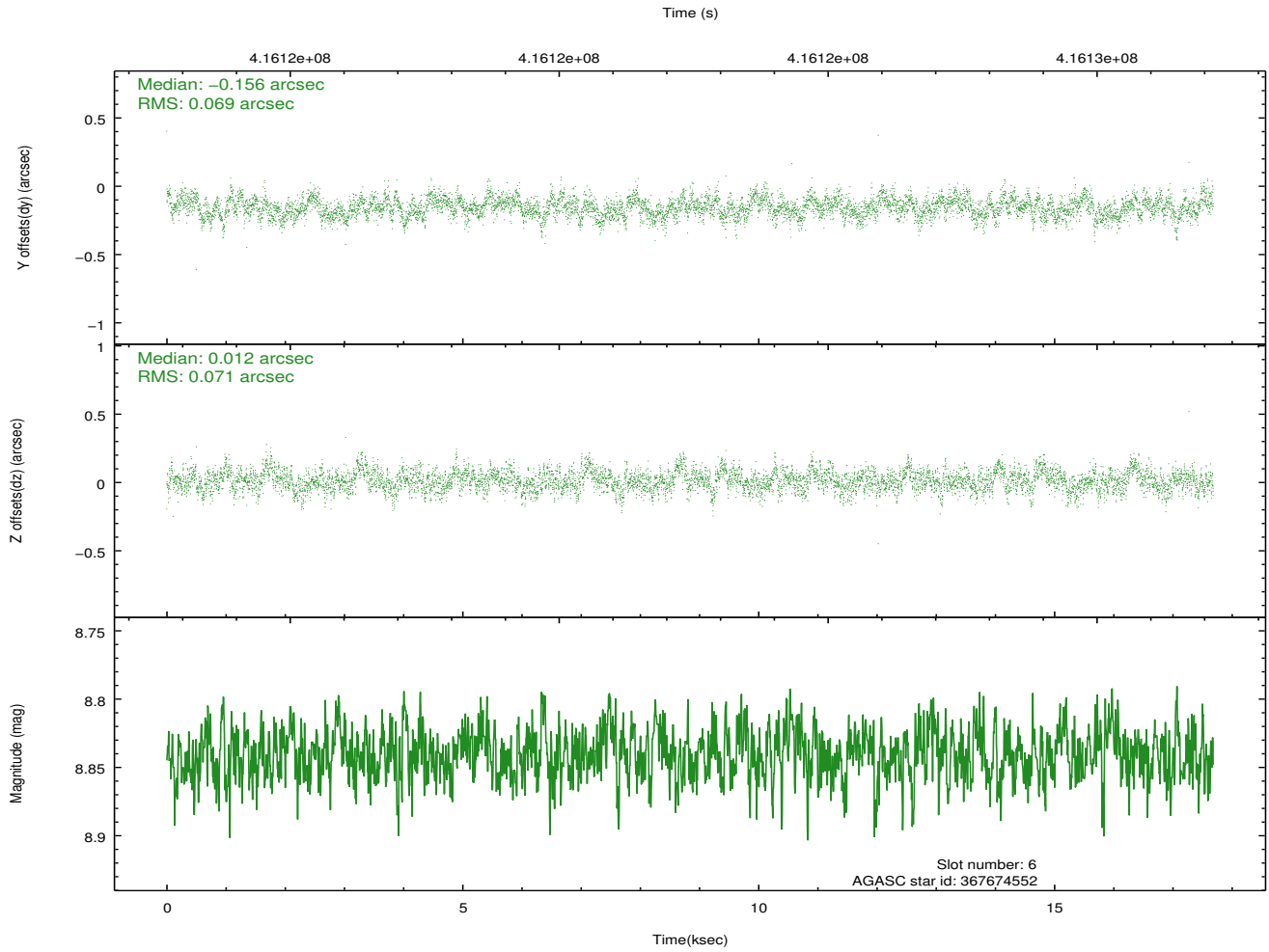
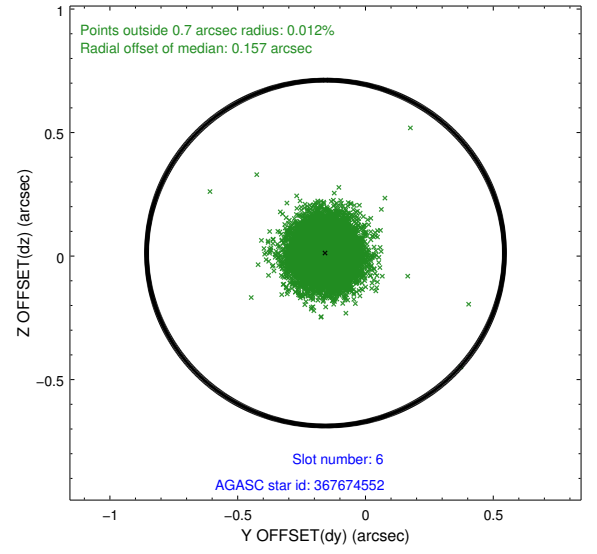
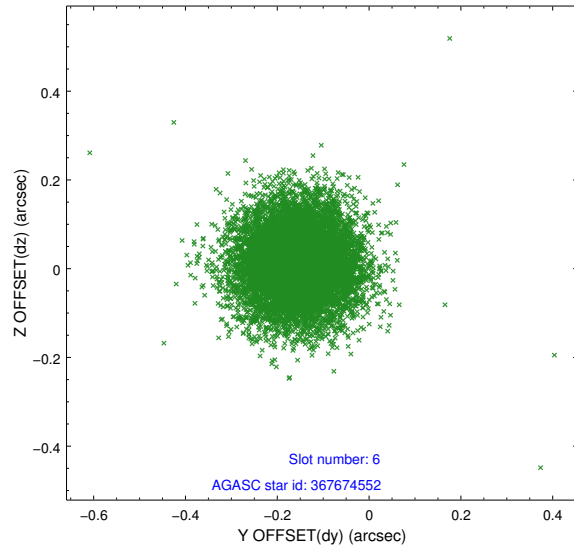
2.4.2 Slot 4



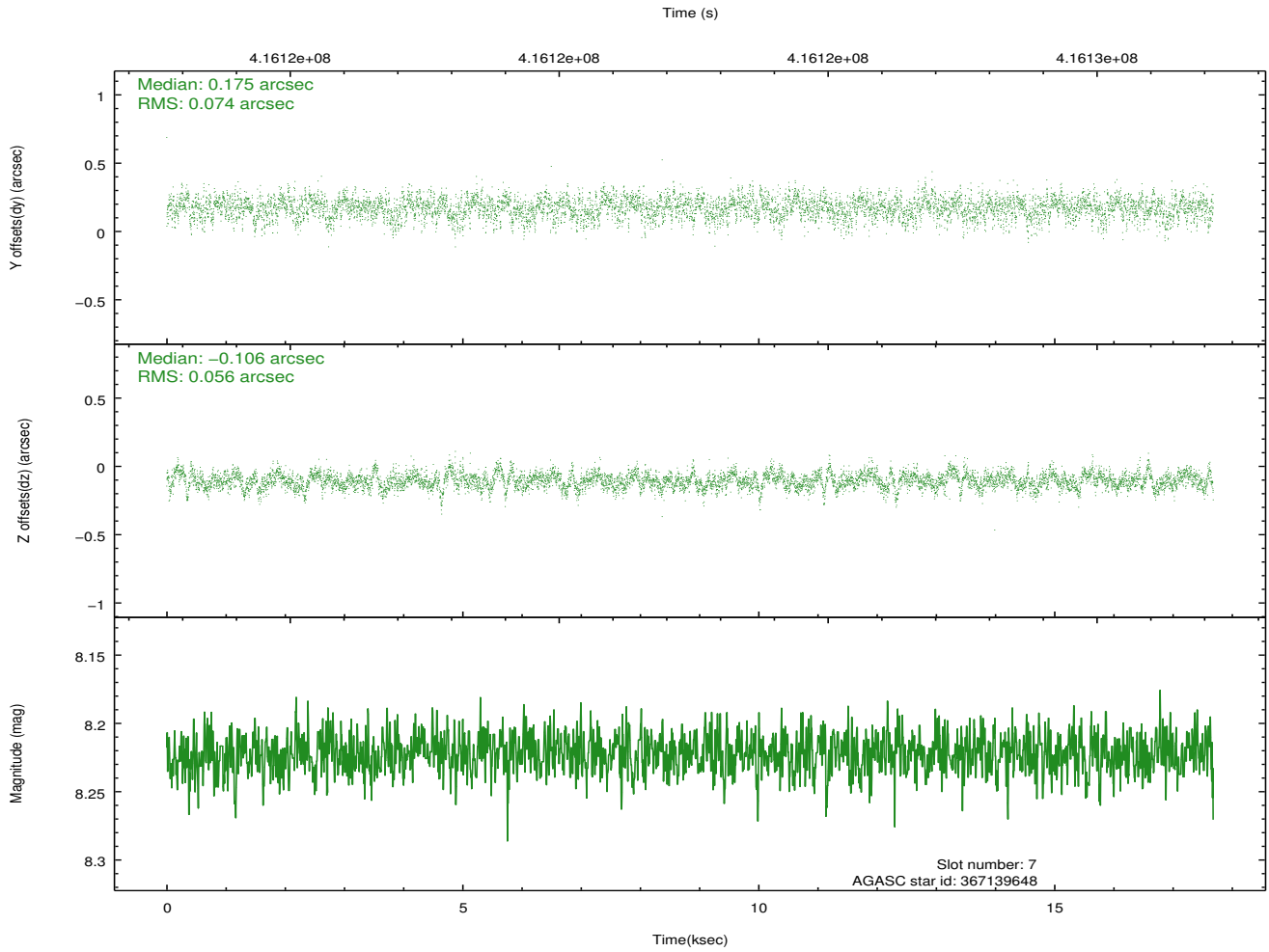
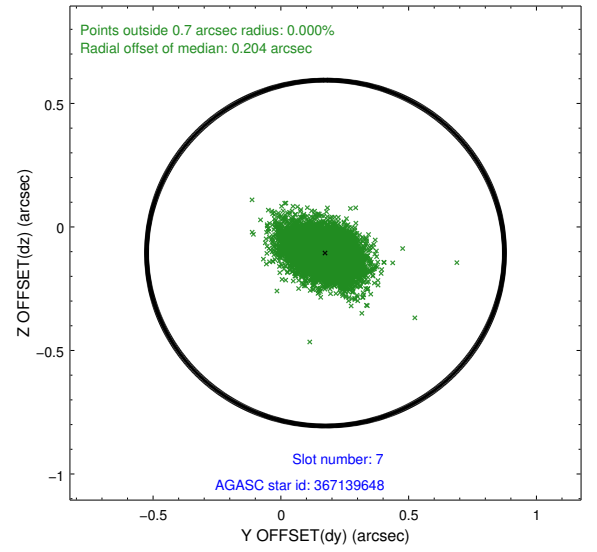
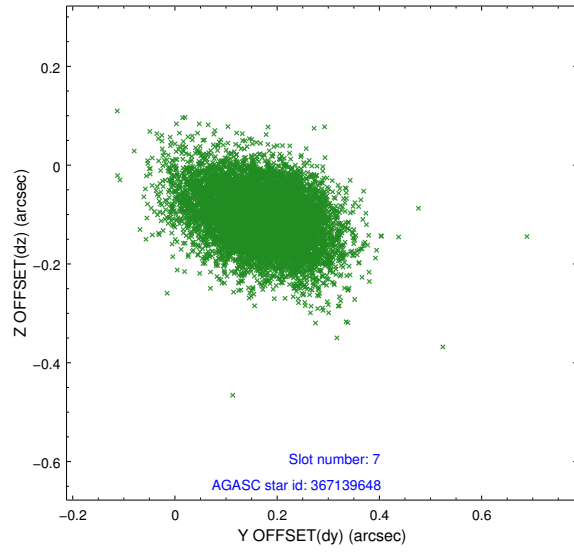
2.4.3 Slot 5



2.4.4 Slot 6

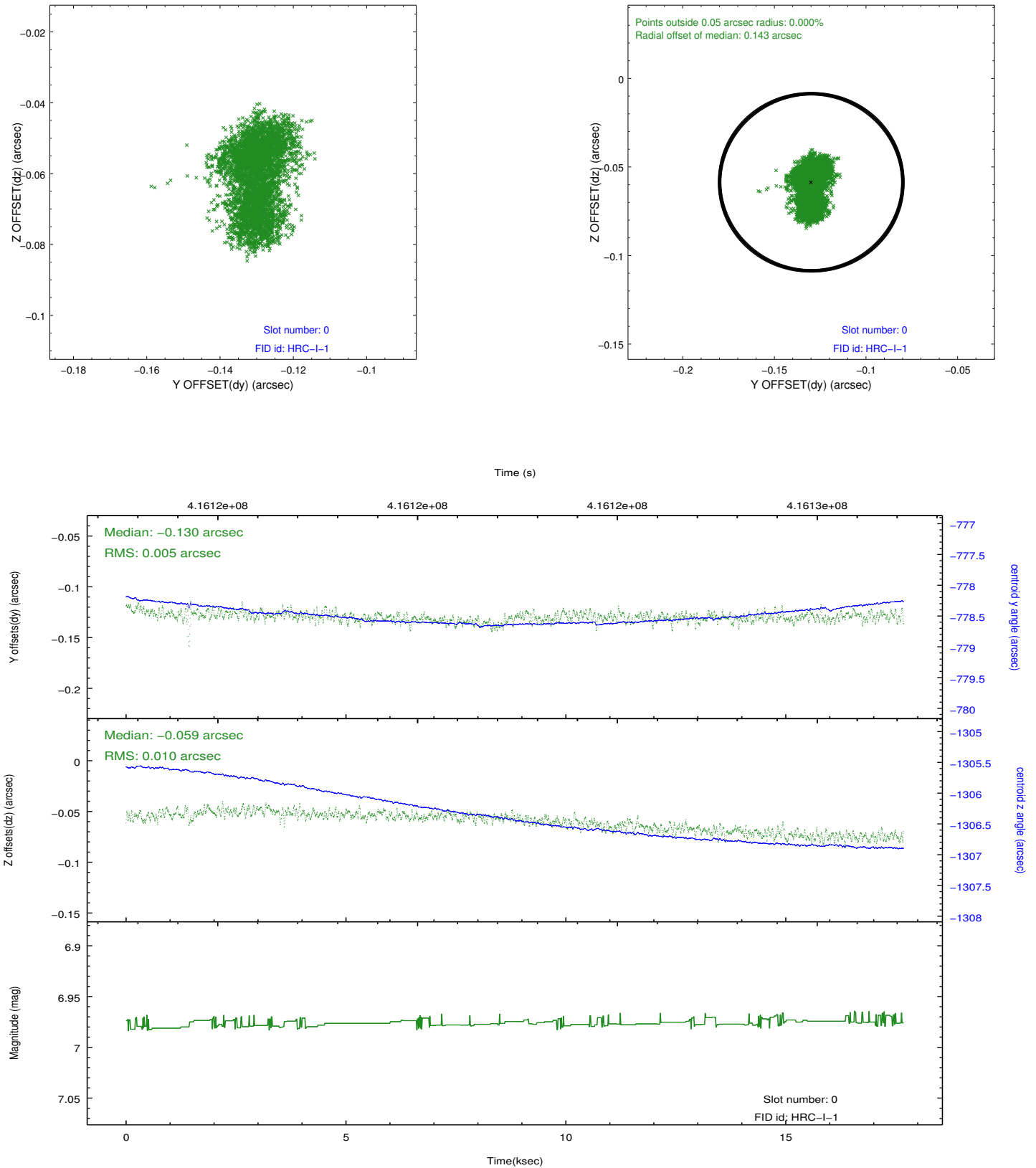


2.4.5 Slot 7

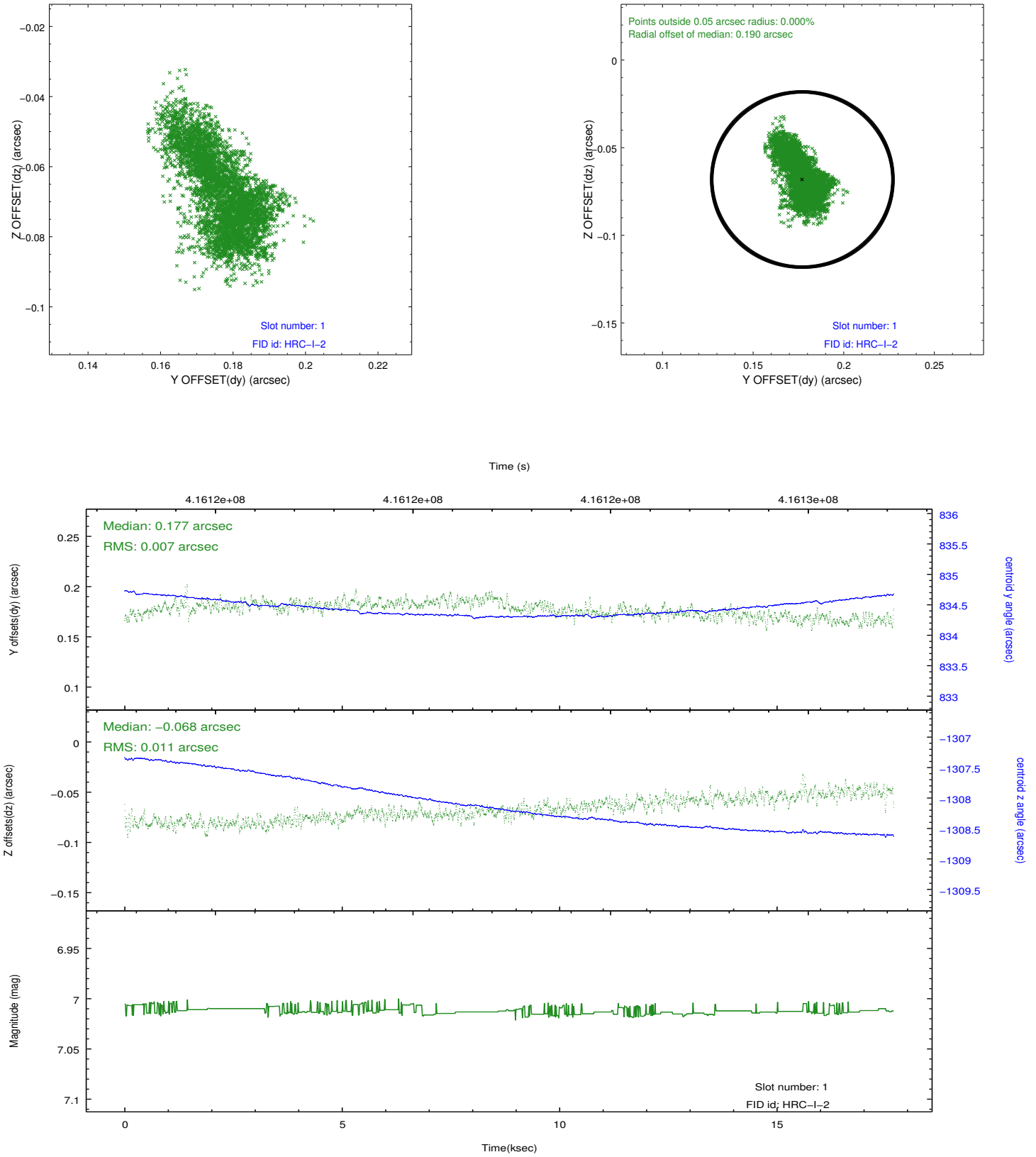


2.5 FID Slots

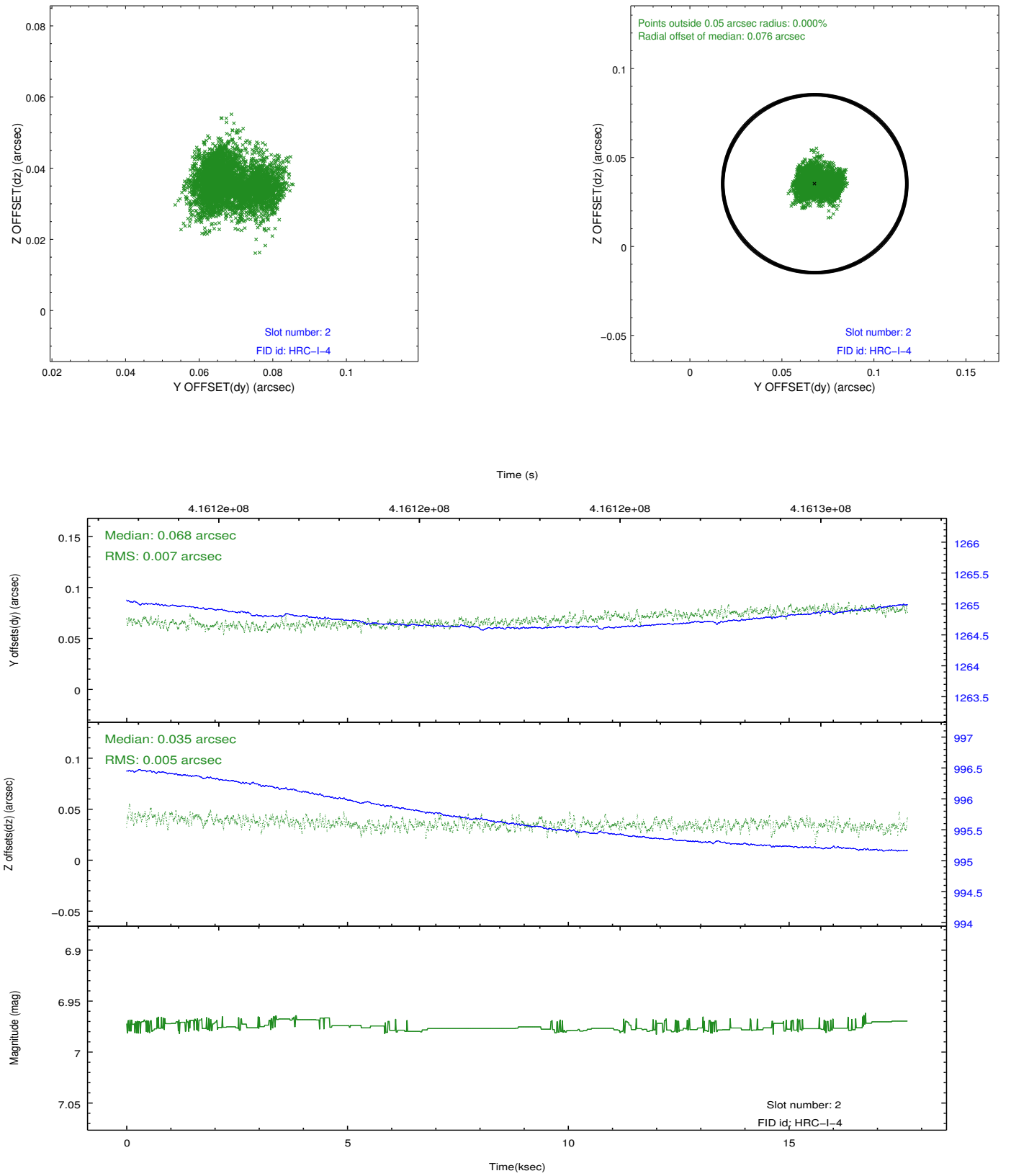
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.68253216666

A.2 Comments