

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5999 - L2 Version 4
Chandra X-Ray Center

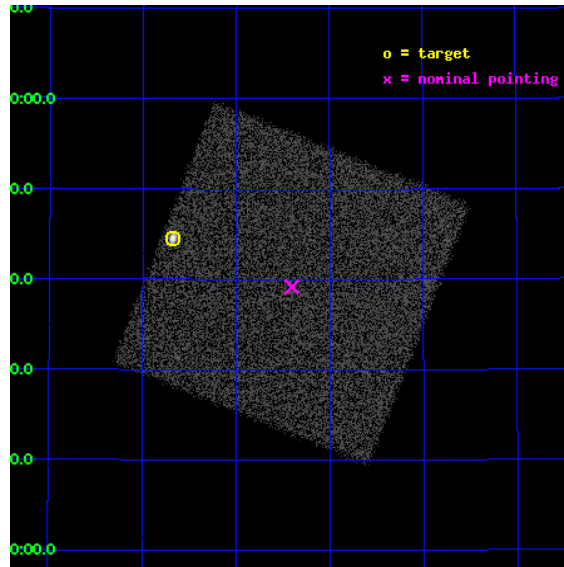
L2 Processing Date : Dec 30 2012

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1 Front

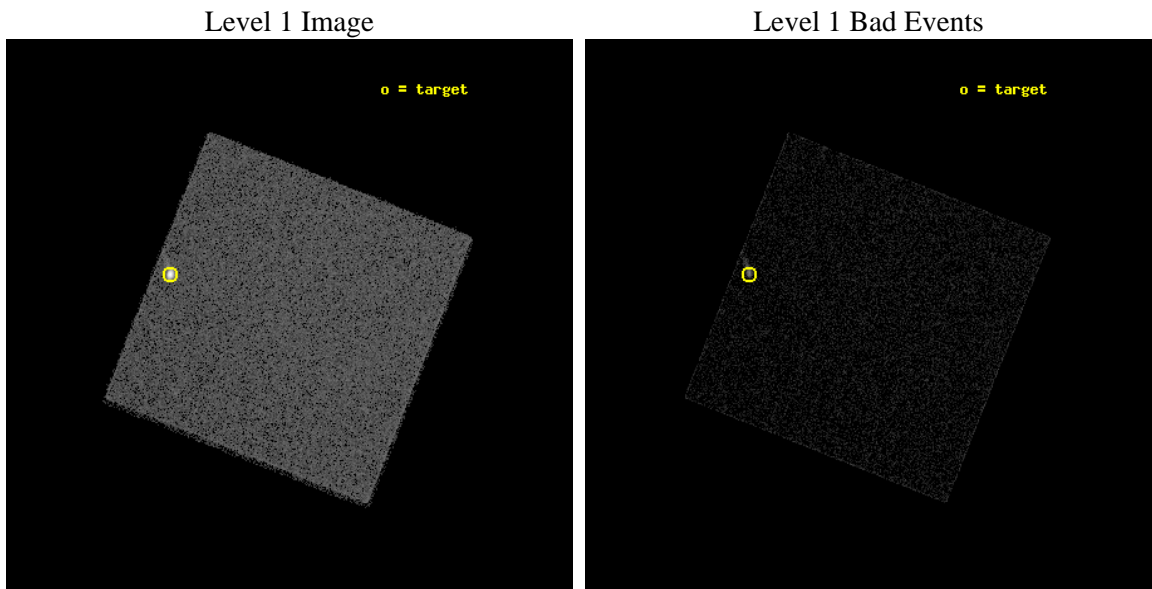
seq_num	290491	Sequence number
obs_id	5999	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.8511370391	Nominal RA [deg]
dec_nom	45.653135131778	Nominal Dec [deg]
roll_nom	246.65309079332	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1173.6250540912	[s]
livetime	1164.3720475848	Ontime multiplied by DTCOR
l2events	55885	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1173.6250540912	[s]
caldbver	4.5.5	 	l1events	160788	Number of level 1 events
date	2012-12-30T19:40:32	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

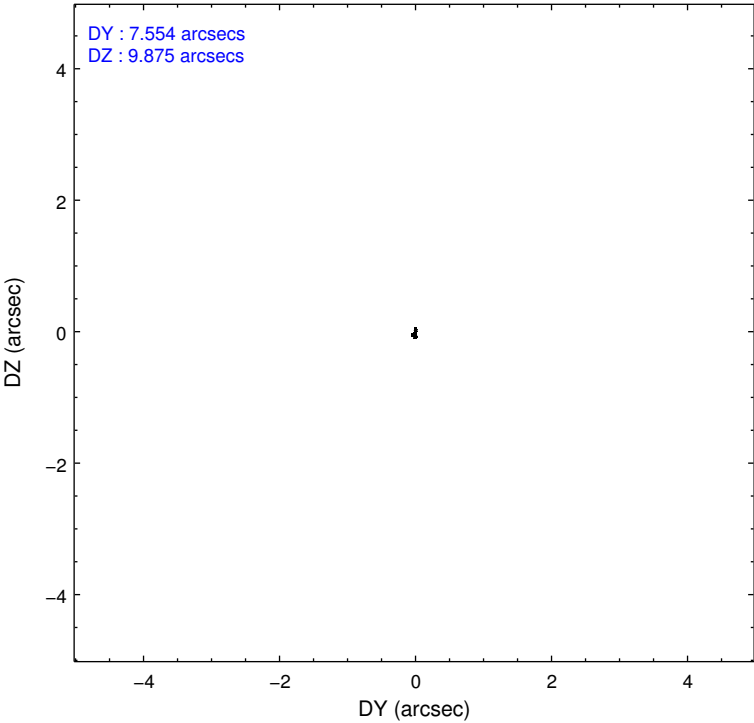
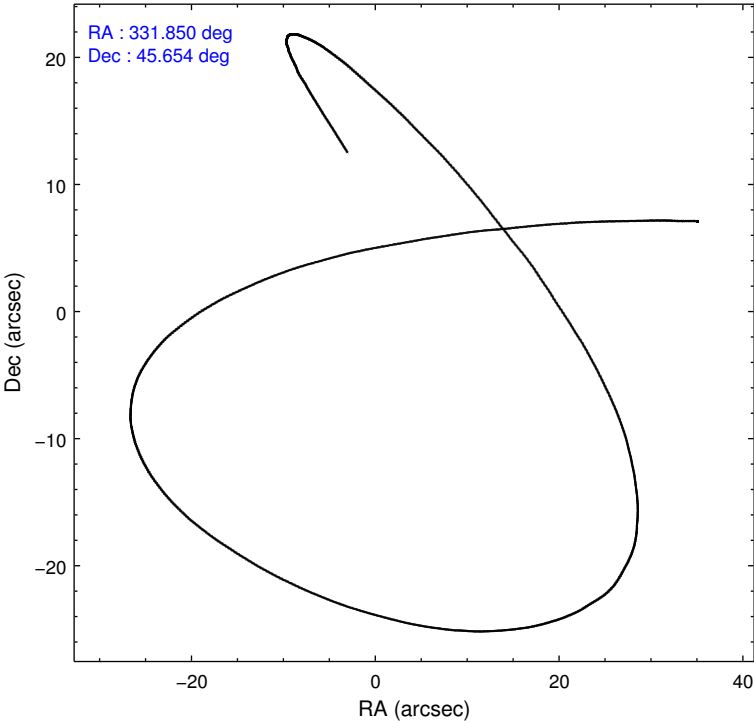
	segment 0
level 1 events	160788
rejected events	81776
rejected %	50%

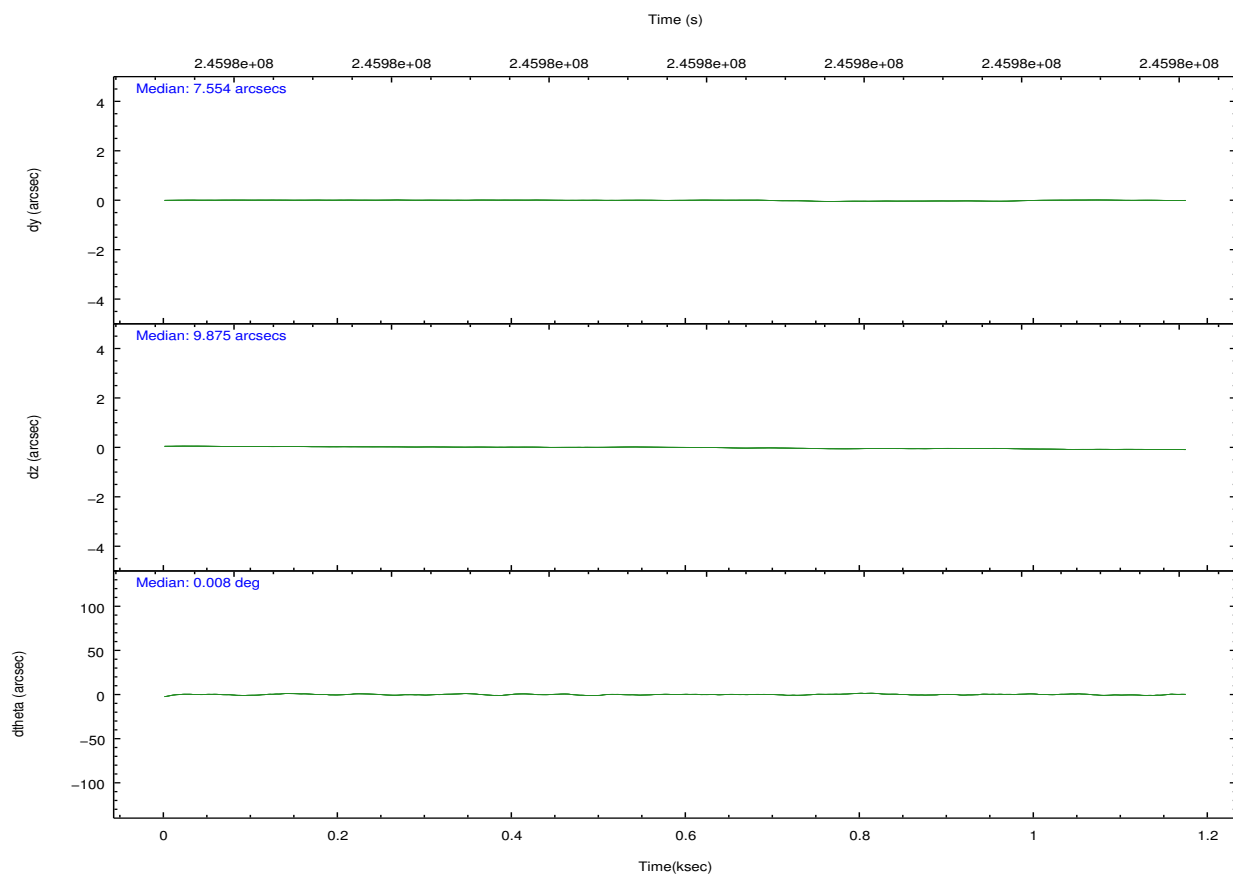
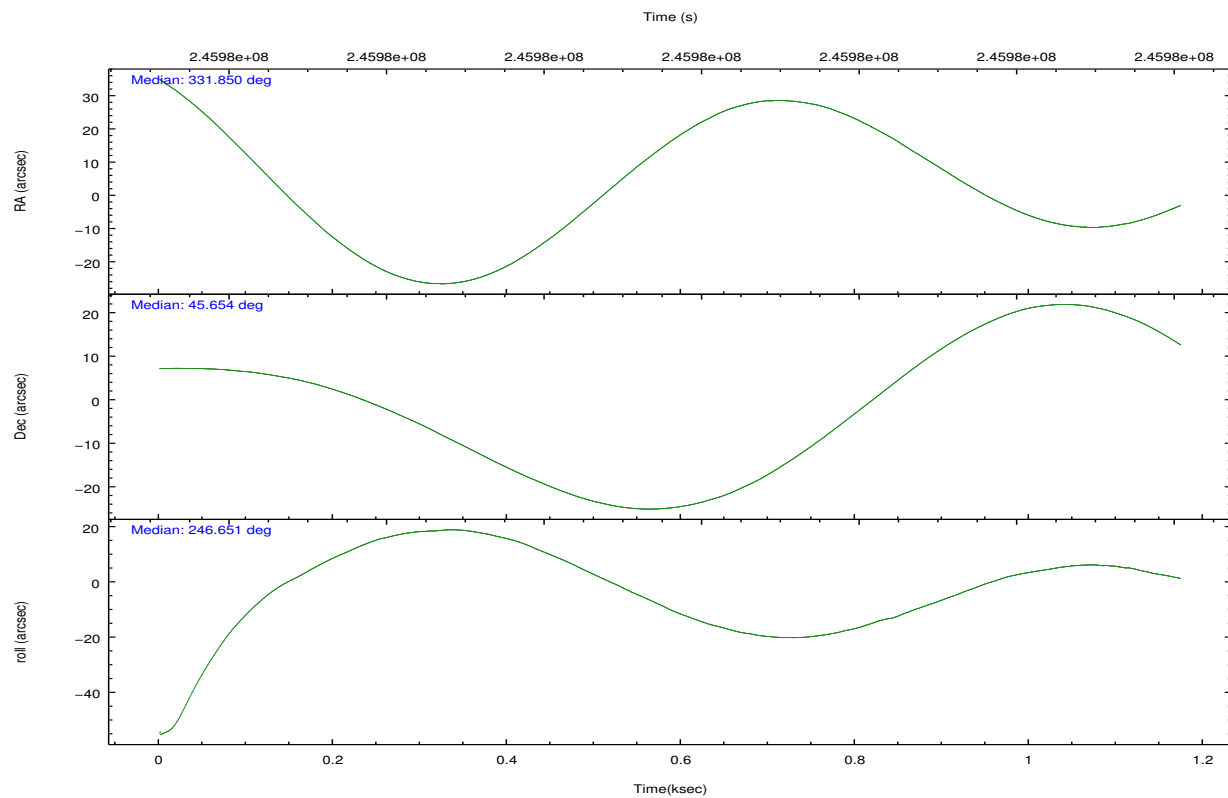
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	331.846619	331.8511370391025
[deg] Pointing Dec	45.679359	45.65313513177776
[deg] Pointing Roll	246.751895	246.6530907933213
[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)	245977151.184000	245976776.01642
Observation start date	2005-10-17T22:58:07	2005-10-17T22:52:56
[s] Observation end time (MET)	245978151.184000	245979324.16654
Observation end date	2005-10-17T23:14:47	2005-10-17T23:35:24

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

2.3 Aspect



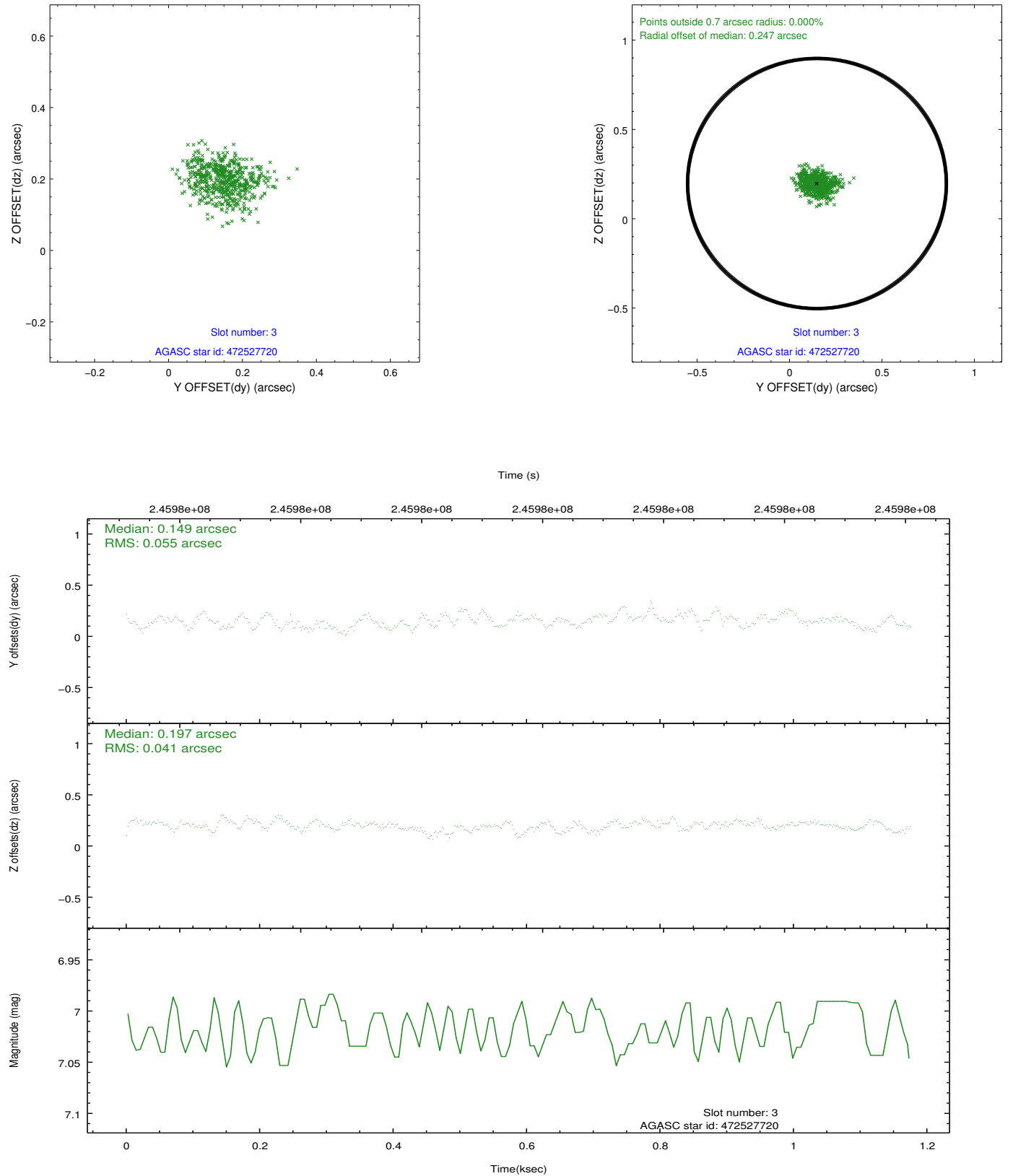


Slot Statistics

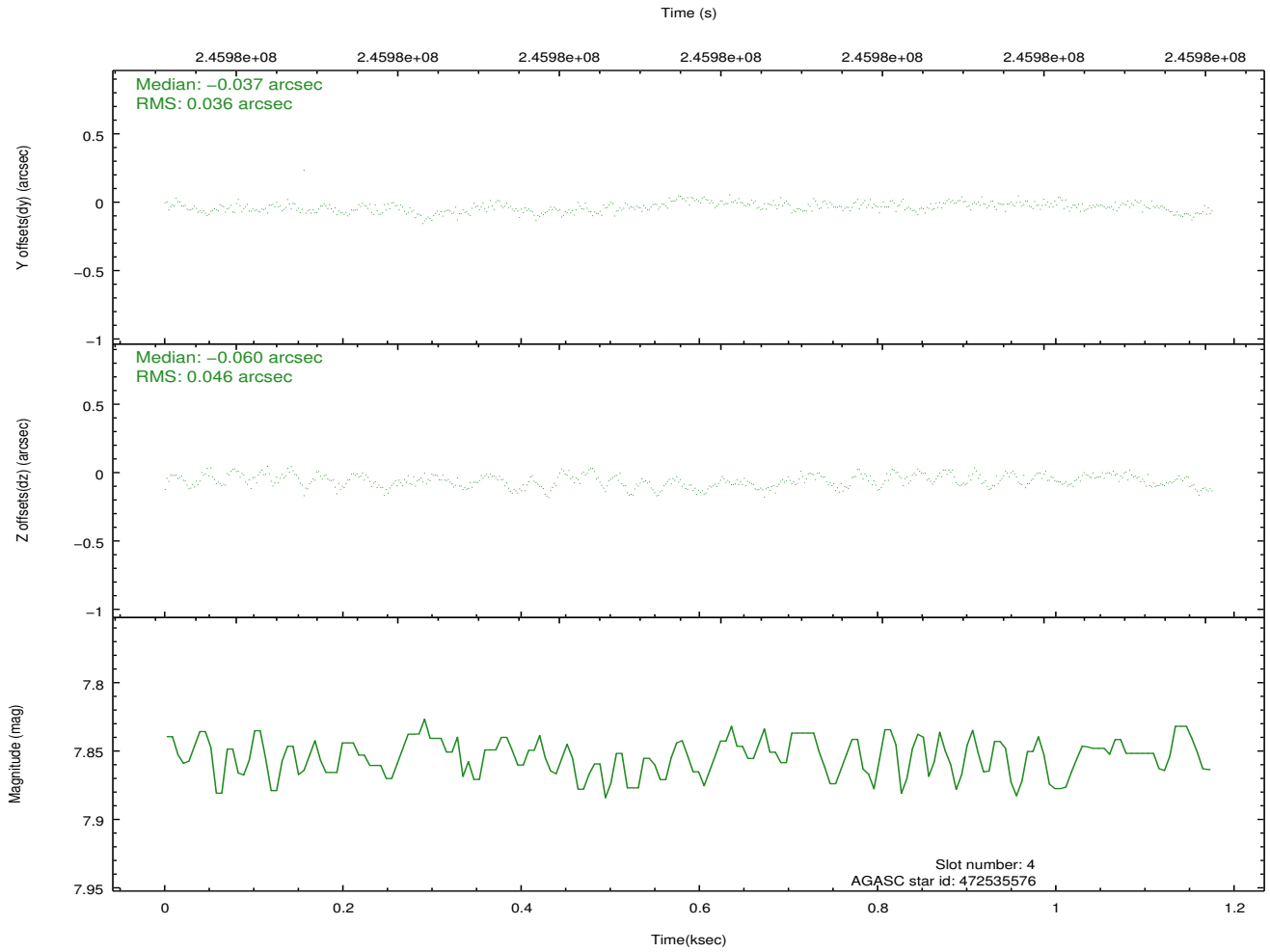
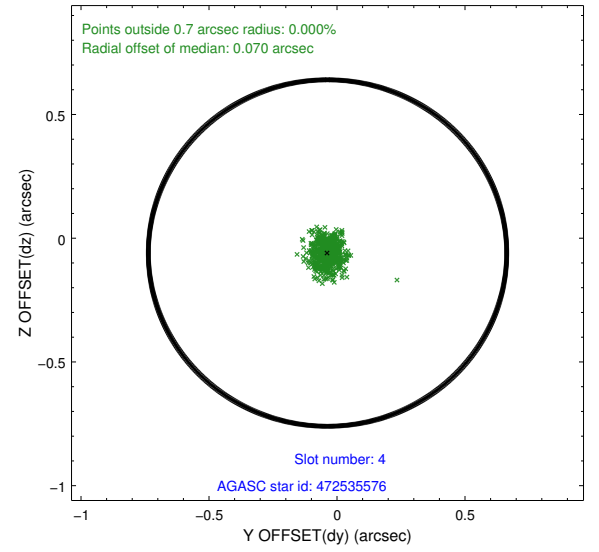
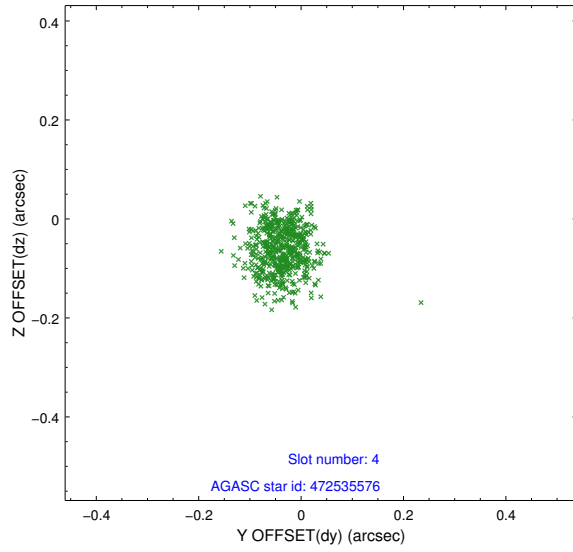
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	287	-0.034	0.027	0.008	0.012	0.000000	0.000000	-763.16	-1297.77
1	FID	HRC-I-2	7.05	287	0.141	-0.076	0.006	0.010	0.000000	0.000000	846.98	-1303.95
2	FID	HRC-I-3	7.11	287	0.010	-0.041	0.007	0.011	0.000000	0.000000	-1188.68	1002.18
3	GUIDE	472527720	7.02	574	0.149	0.197	0.074	0.119	331.460205	45.112509	2261.95	-94.04
4	GUIDE	472535576	7.85	574	-0.037	-0.060	0.062	0.099	331.438373	46.291802	-1621.85	-1801.62
5	GUIDE	472536328	8.11	574	-0.065	-0.042	0.061	0.102	331.496671	46.454831	-2225.54	-1900.42
6	GUIDE	472655152	9.43	574	0.142	-0.016	0.095	0.159	332.504239	45.862991	-1266.64	1250.93
7	GUIDE	472537064	8.93	573	-0.196	-0.067	0.081	0.135	331.323423	46.483499	-2152.73	-2330.96

2.4 Star Slots

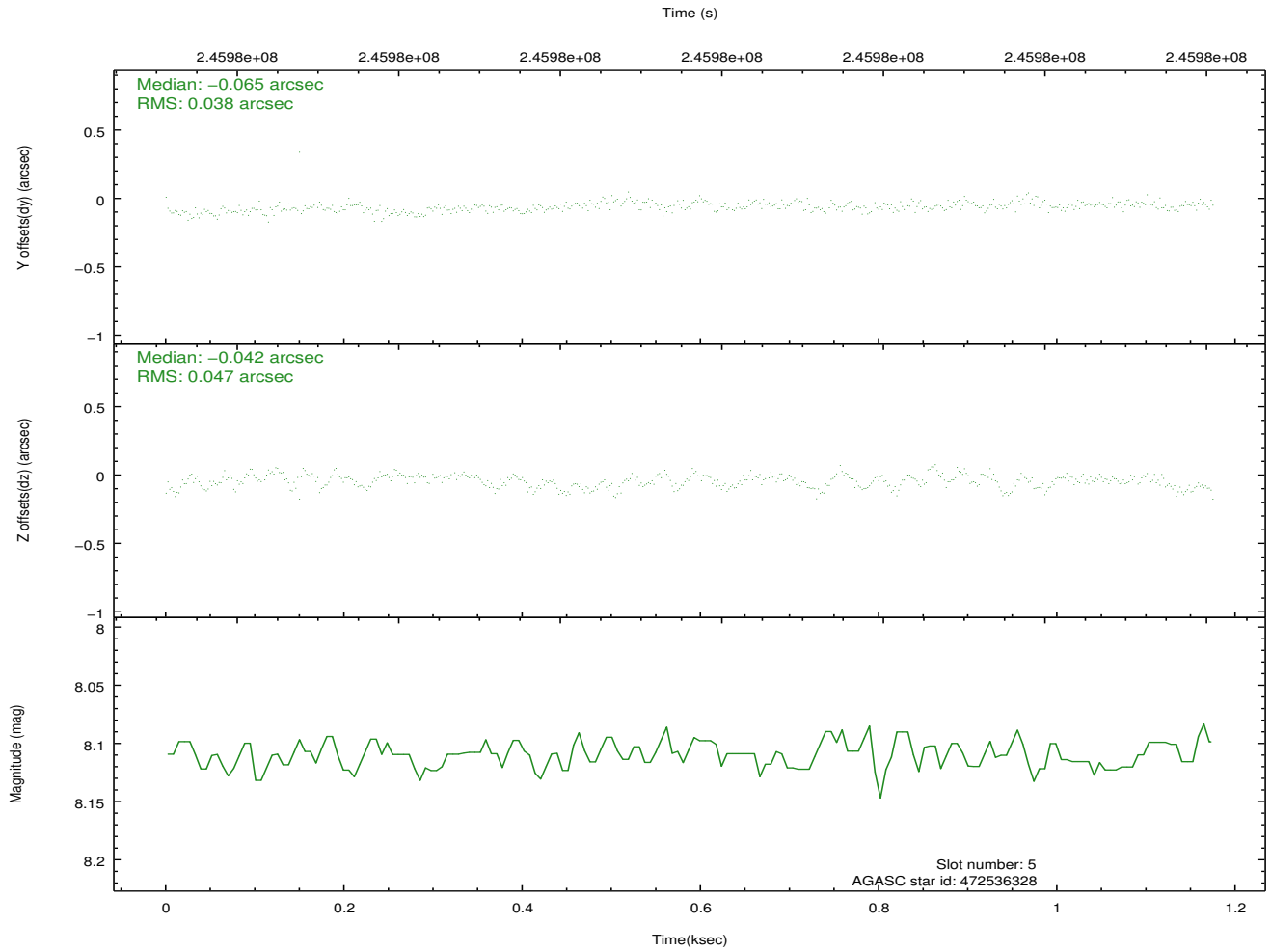
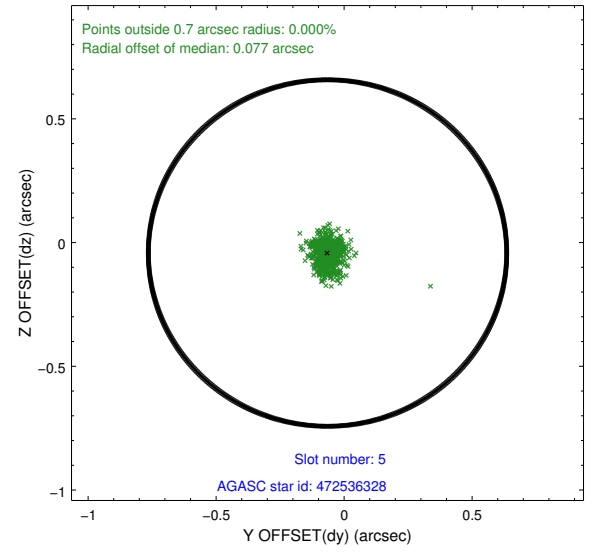
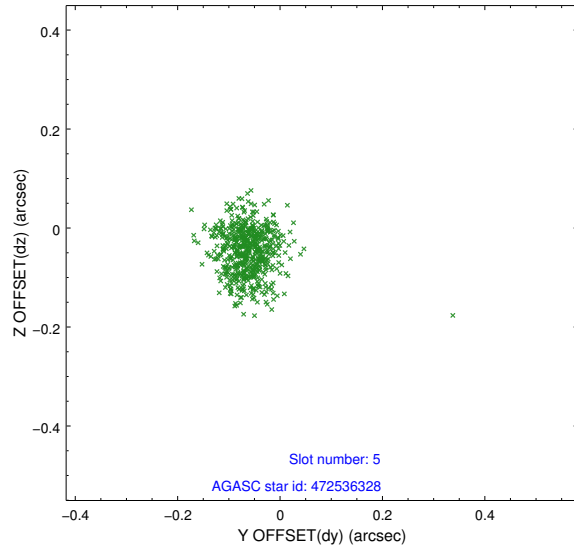
2.4.1 Slot 3



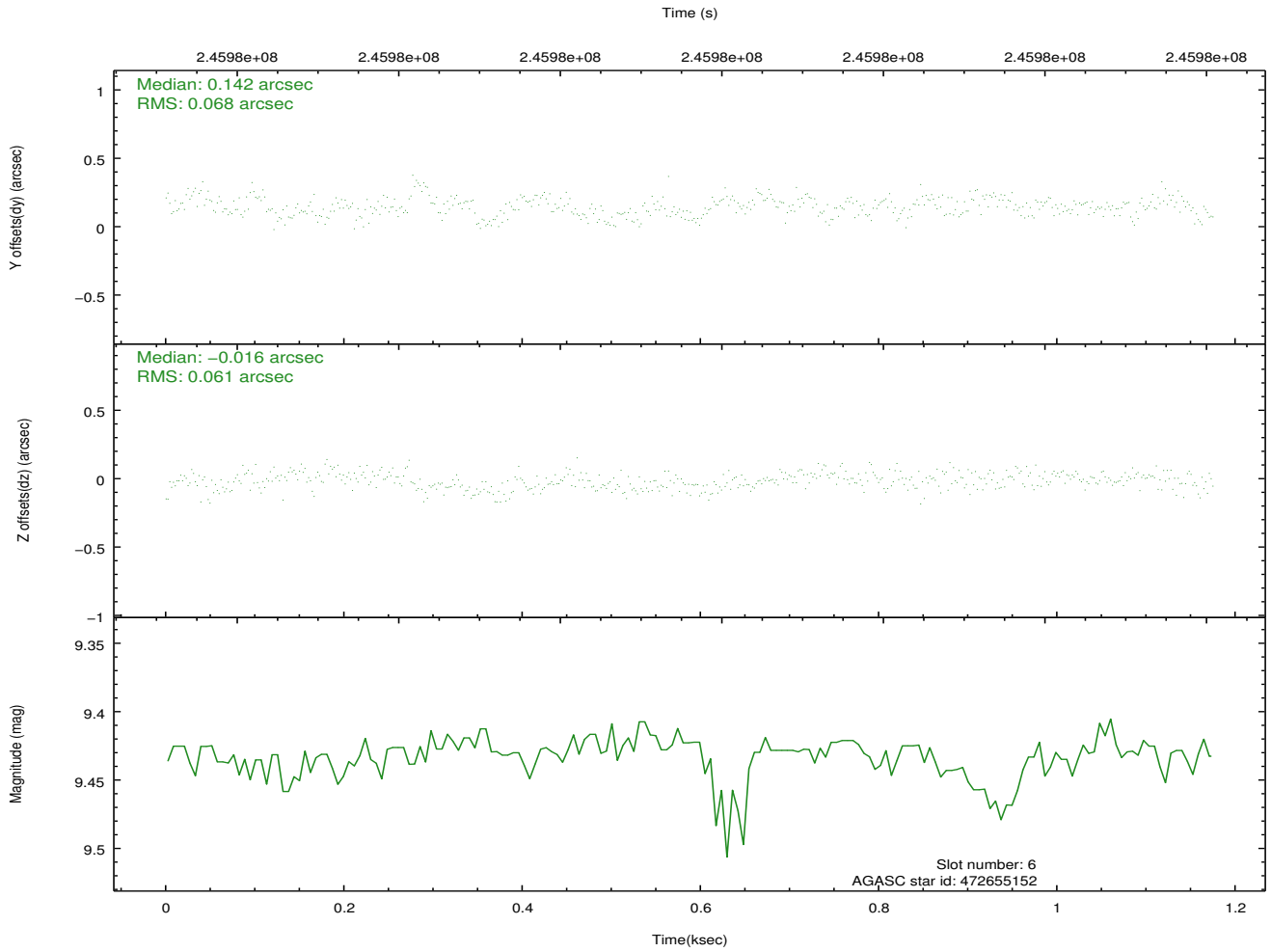
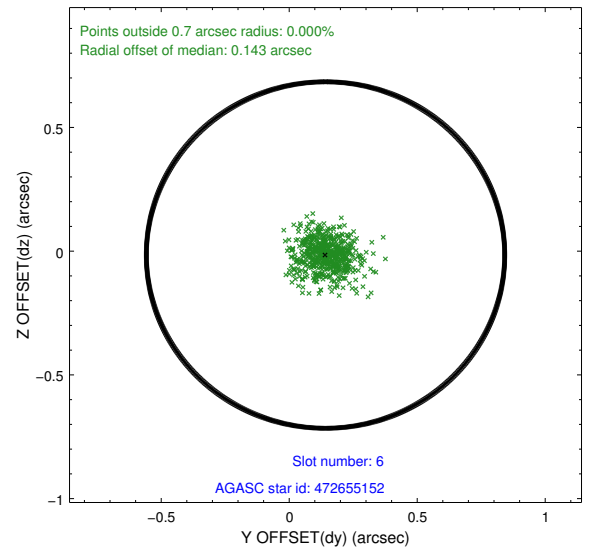
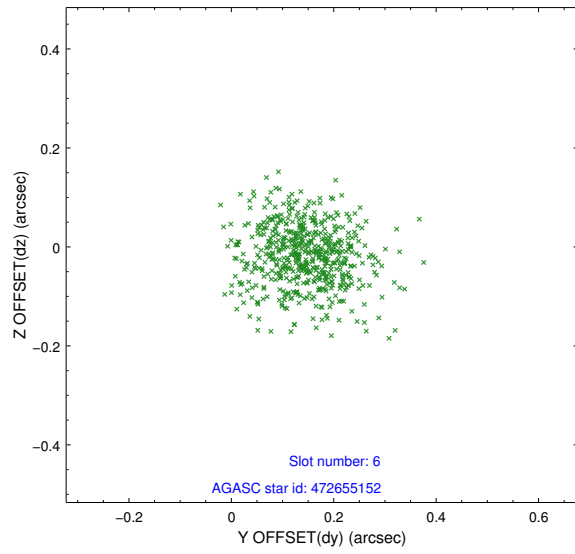
2.4.2 Slot 4



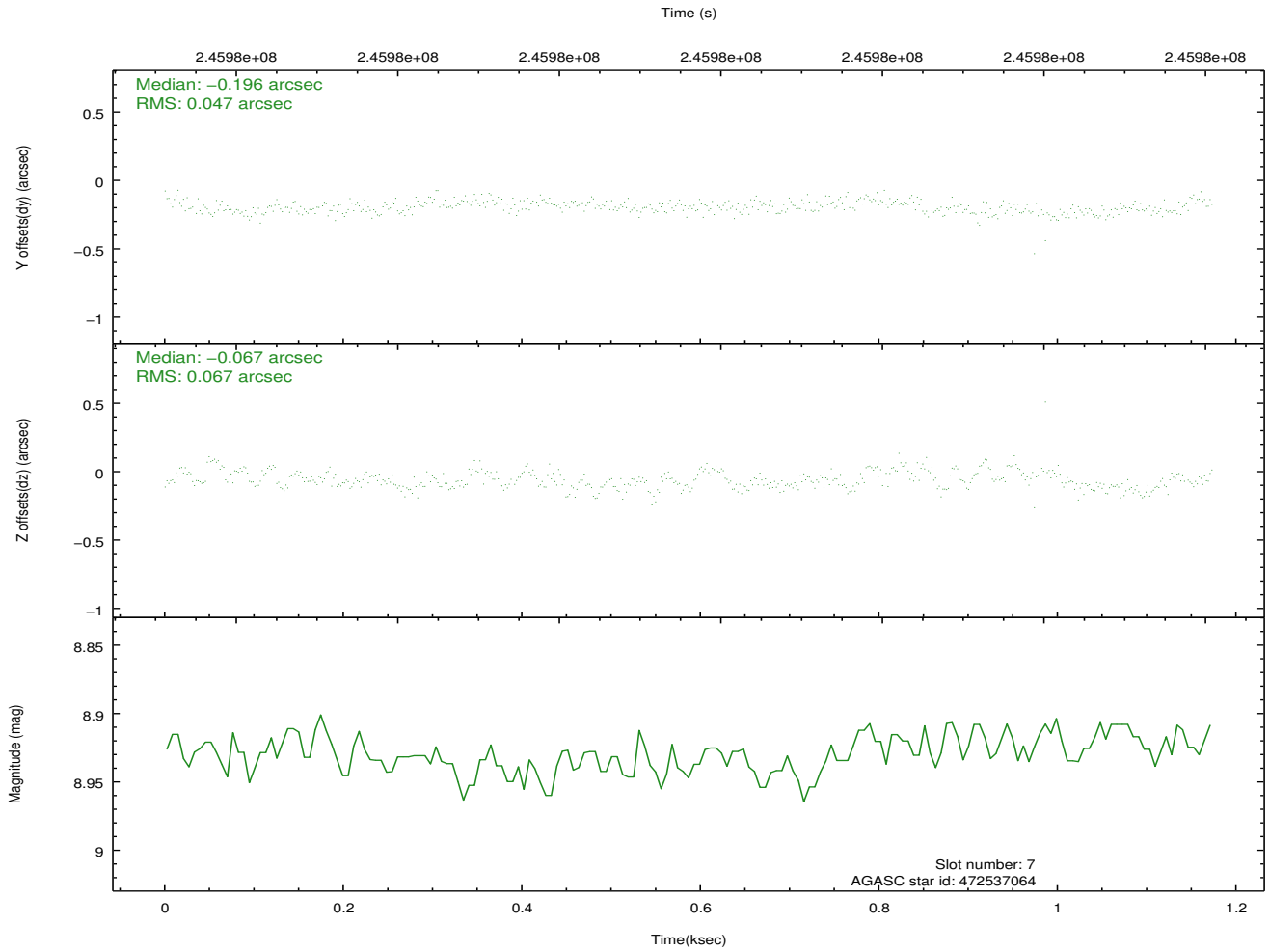
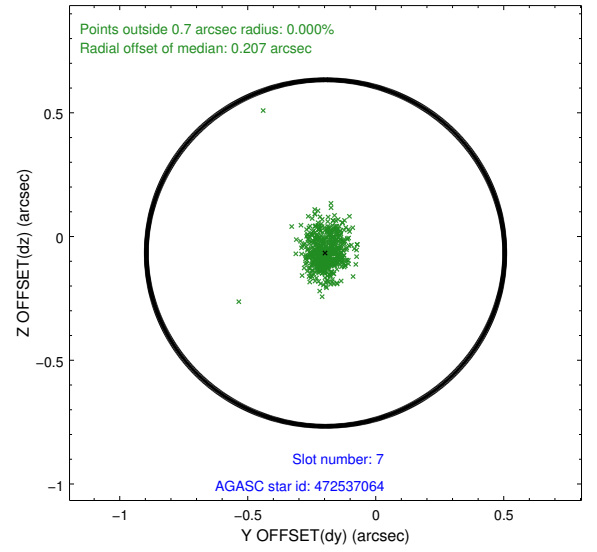
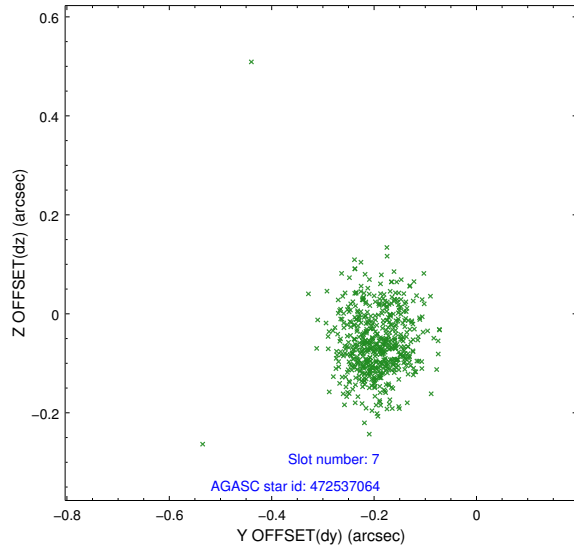
2.4.3 Slot 5



2.4.4 Slot 6

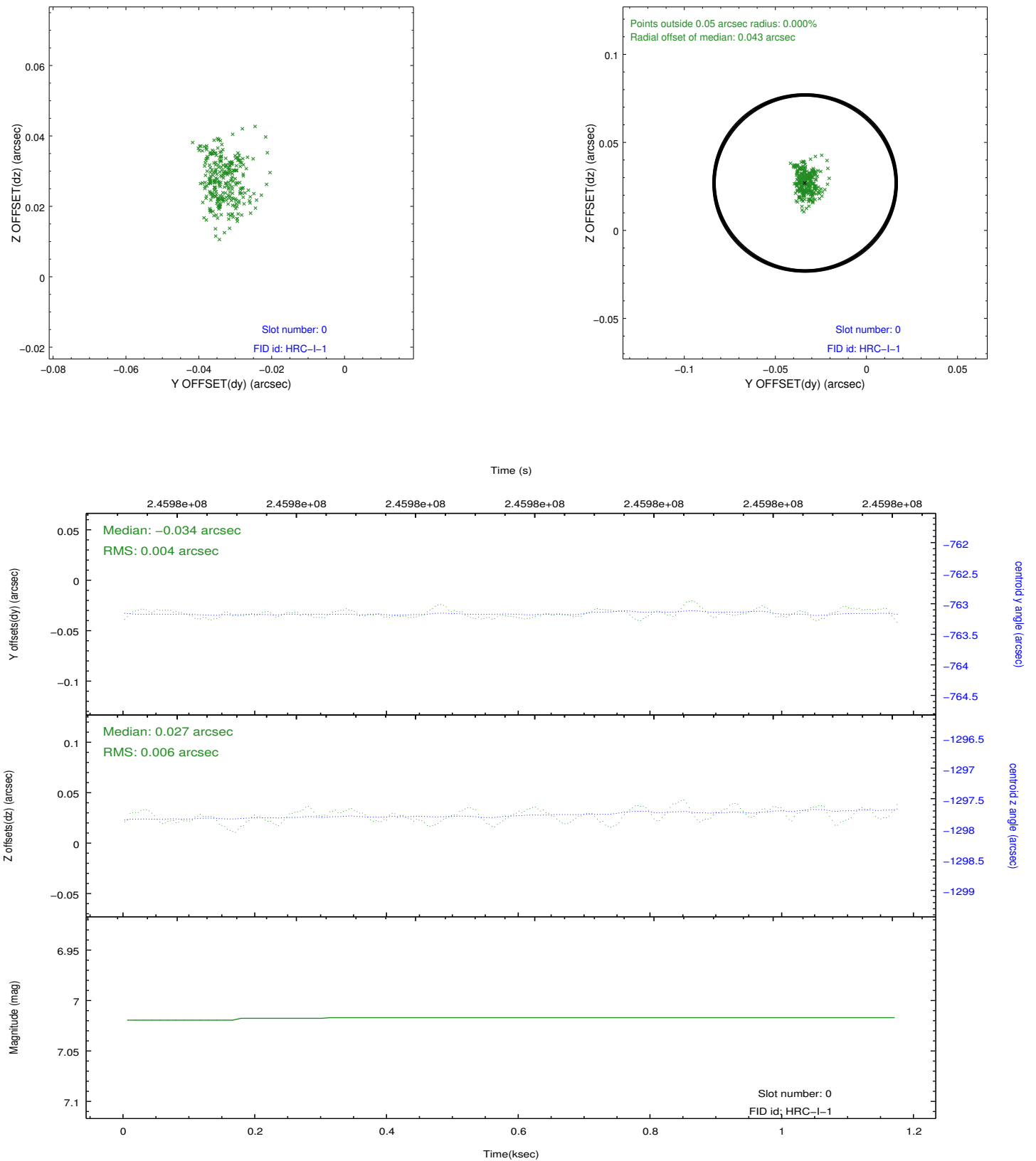


2.4.5 Slot 7

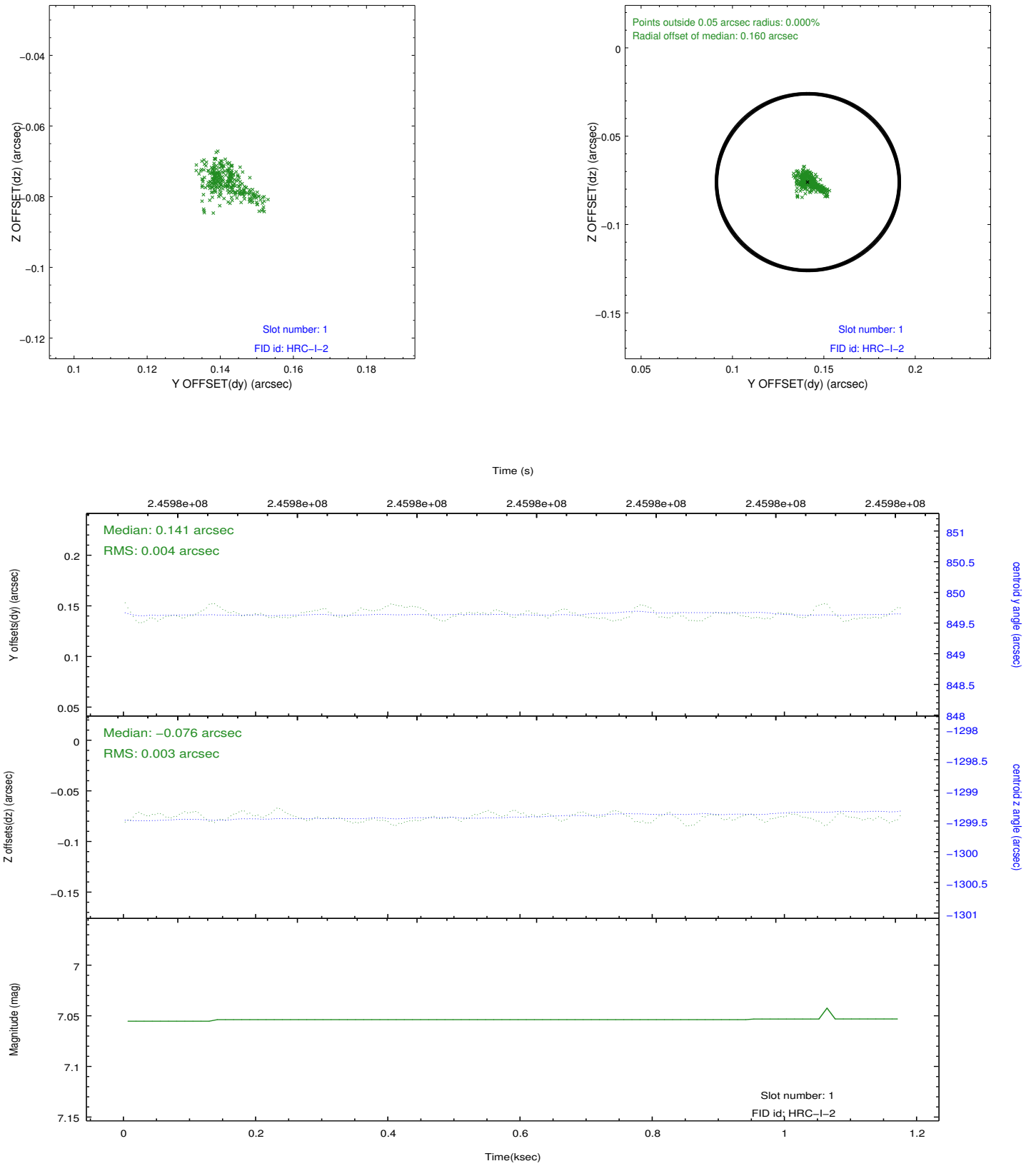


2.5 FID Slots

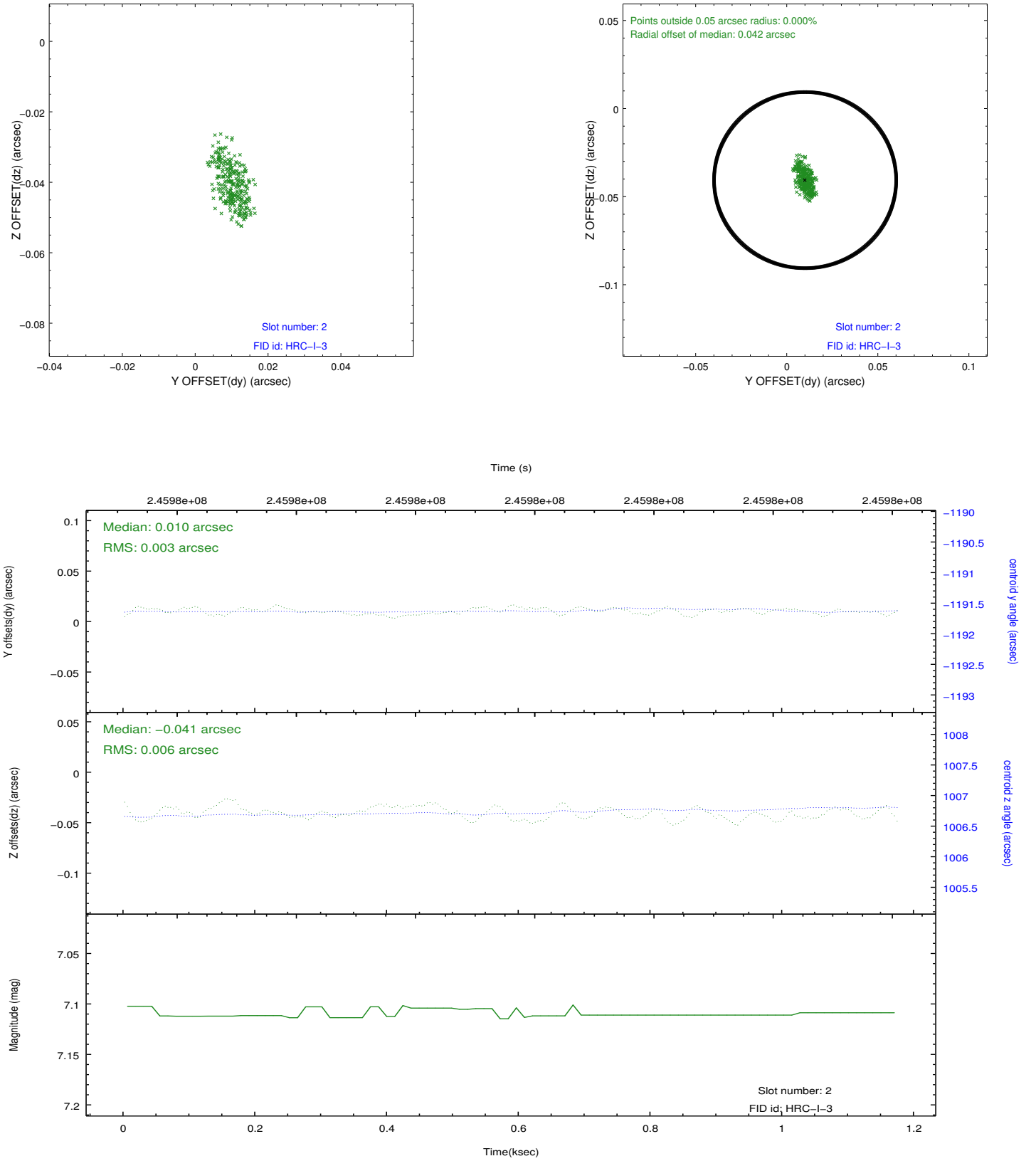
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.173625

A.2 Comments