

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6016 - L2 Version 3
Chandra X-Ray Center

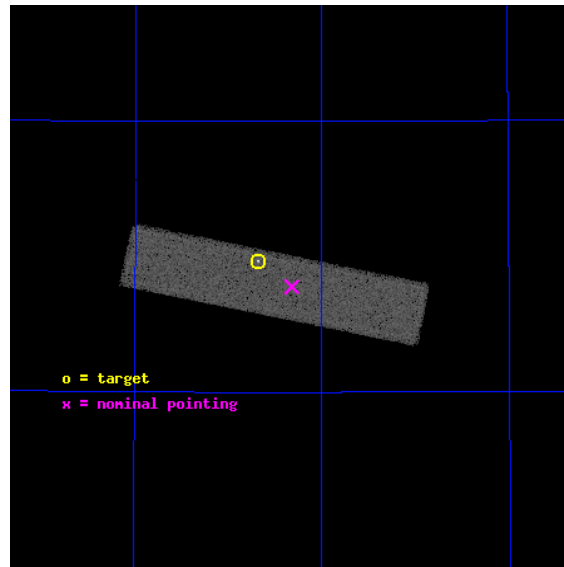
L2 Processing Date : Dec 28 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

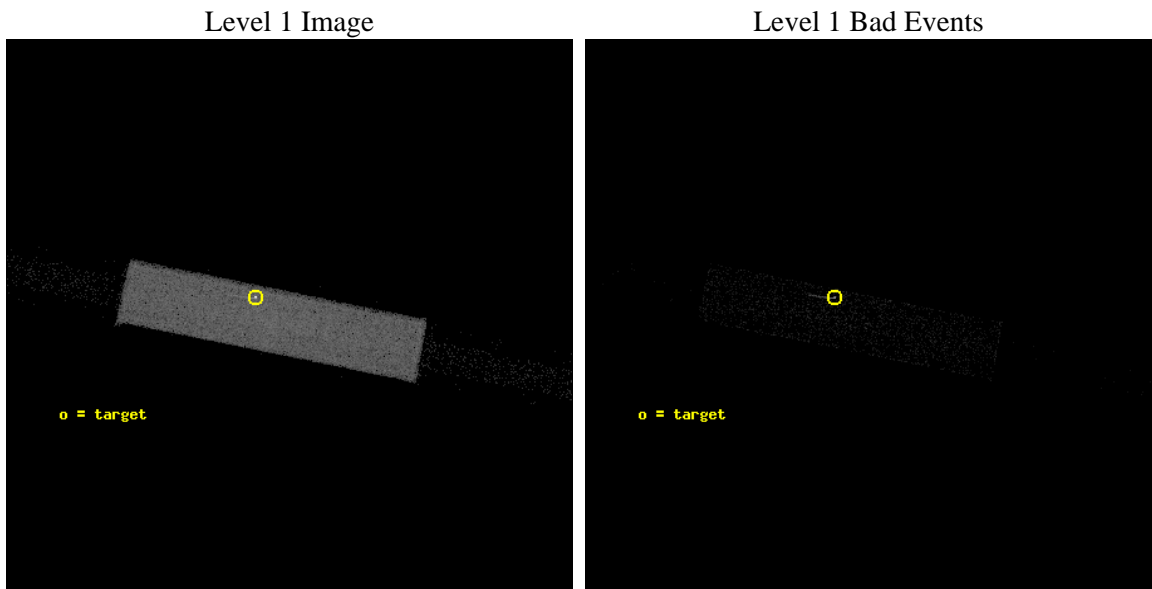
seq_num	290508	Sequence number
obs_id	6016	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07932149523	Nominal RA [deg]
dec_nom	45.694822806716	Nominal Dec [deg]
roll_nom	191.30280324887	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313028812	[s]
livetime	1143.2123515728	Ontime multiplied by DTCOR
l2events	56887	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	1151.3313028812	[s]
caldbver	4.5.5	 	l1events	91461	Number of level 1 events
date	2012-12-28T18:49:46	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

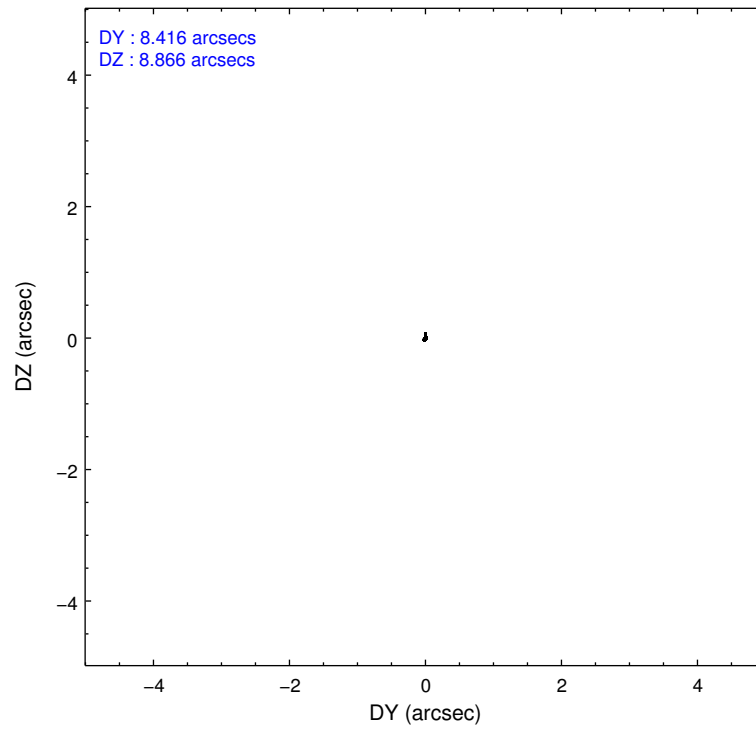
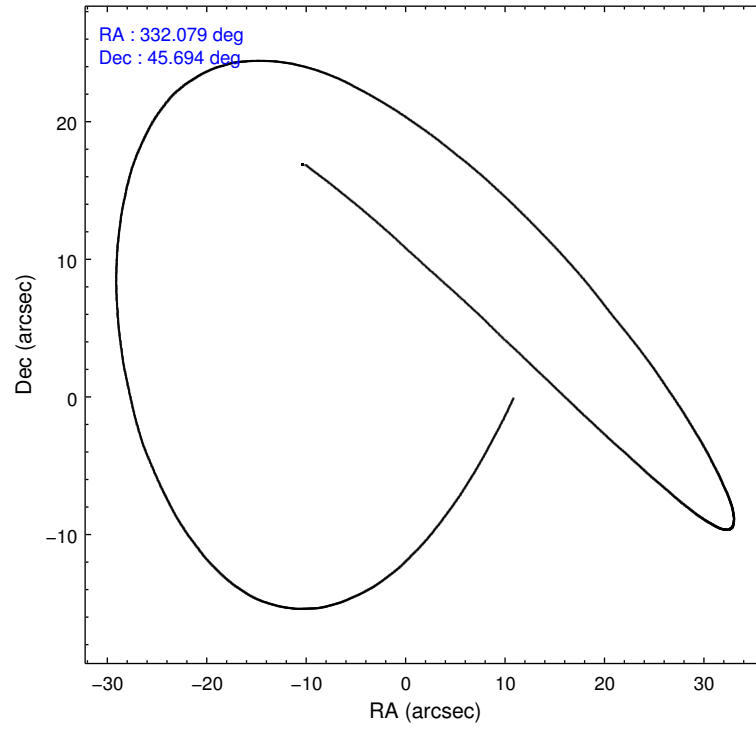
Level 1 Events

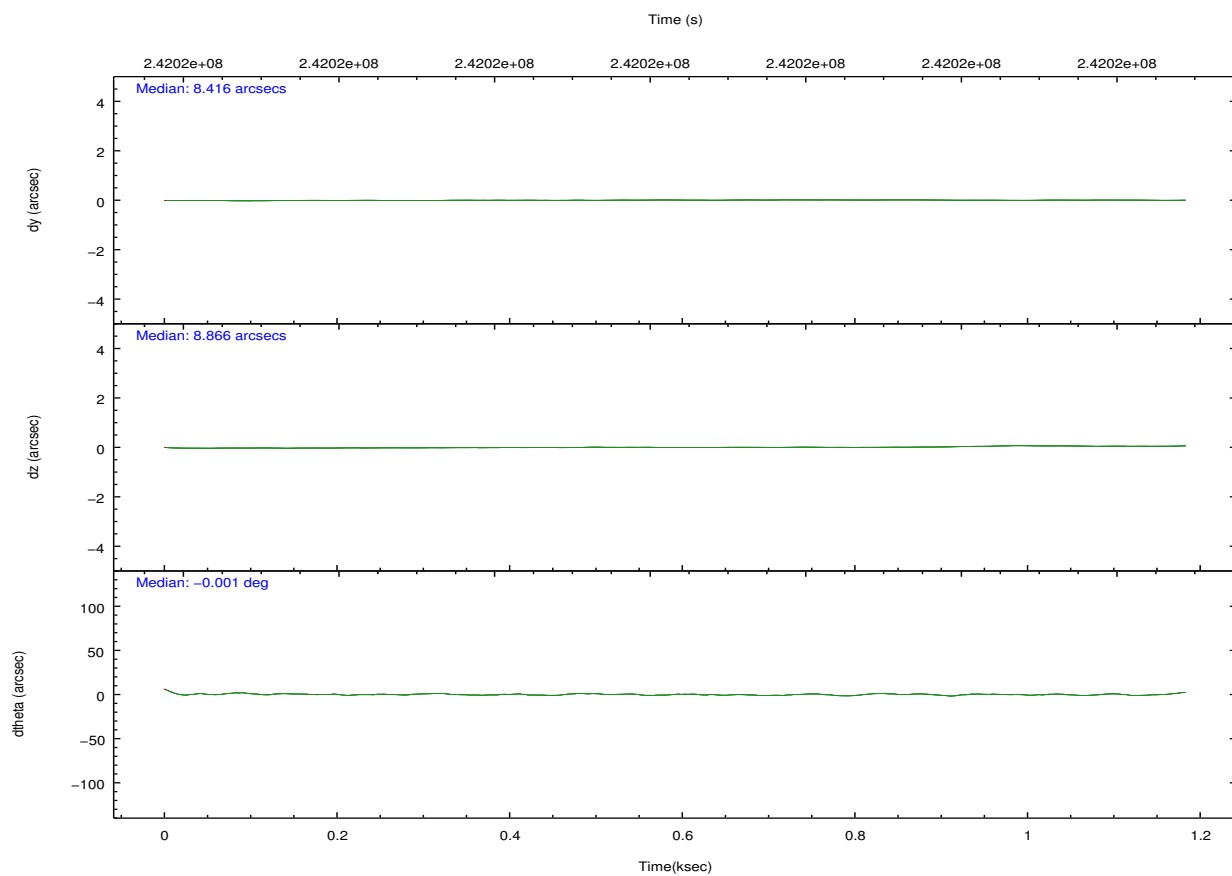
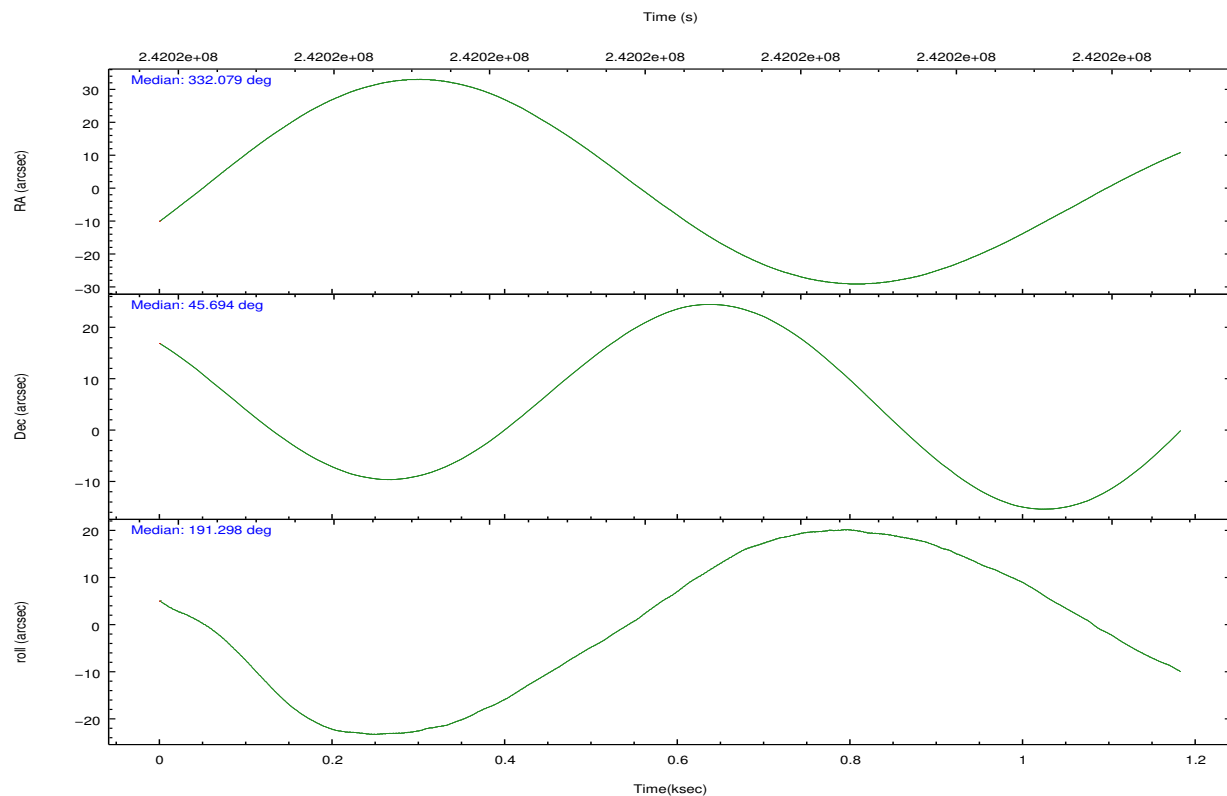
	segment 1	segment 2	segment 3
level 1 events	738	89939	784
rejected events	738	20661	784
rejected %	100%	22%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.108385	332.079321495235			
[deg] Pointing Dec	45.715794	45.69482280671649			
[deg] Pointing Roll	191.214644	191.3028032488665			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	242022424.184000	242022048.05955			
Observation start date	2005-09-02T04:26:00	2005-09-02T04:20:48			
[s] Observation end time (MET)	242023424.184000	242023558.39711			
Observation end date	2005-09-02T04:42:40	2005-09-02T04:45:58			

2.3 Aspect



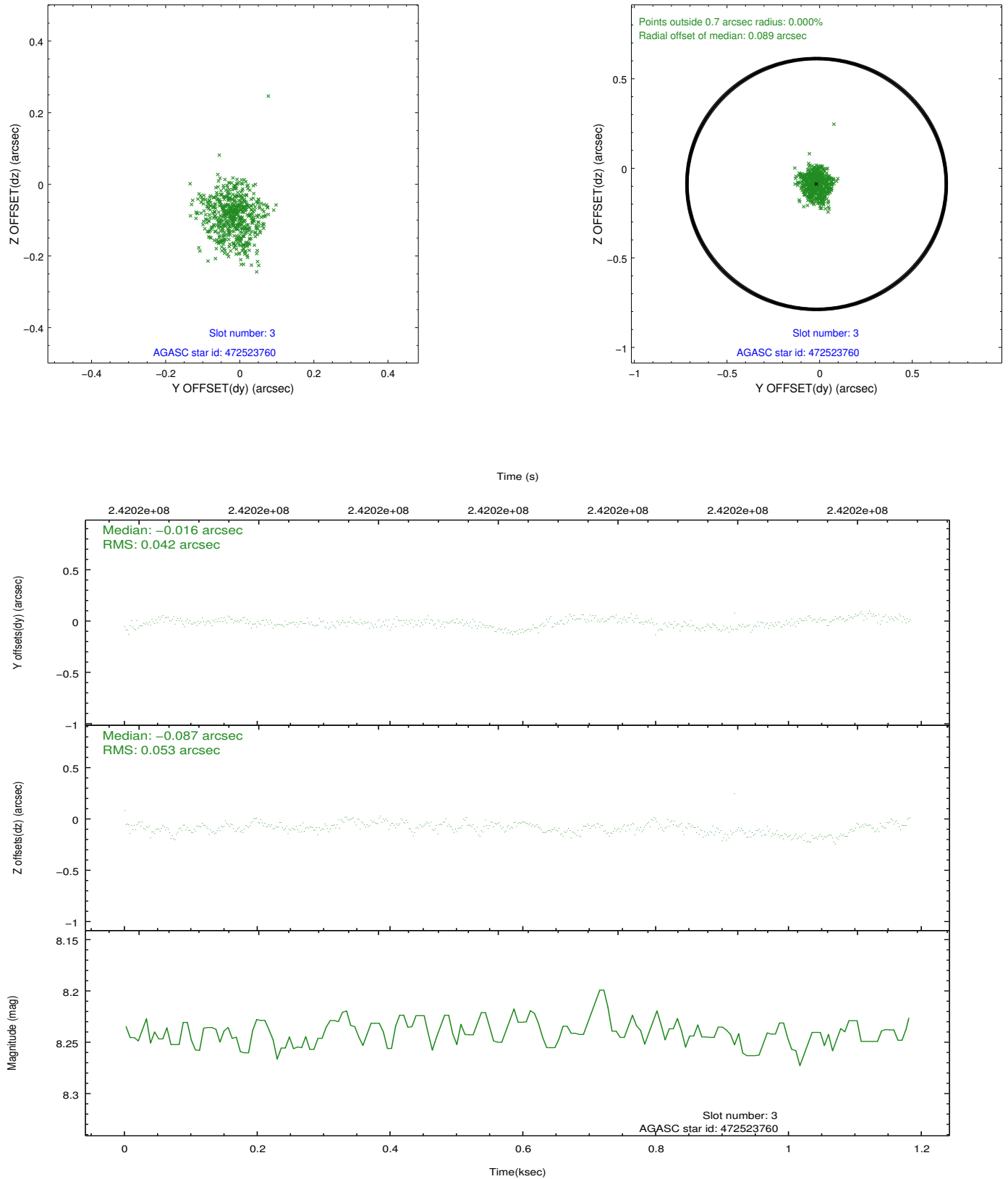


Slot Statistics

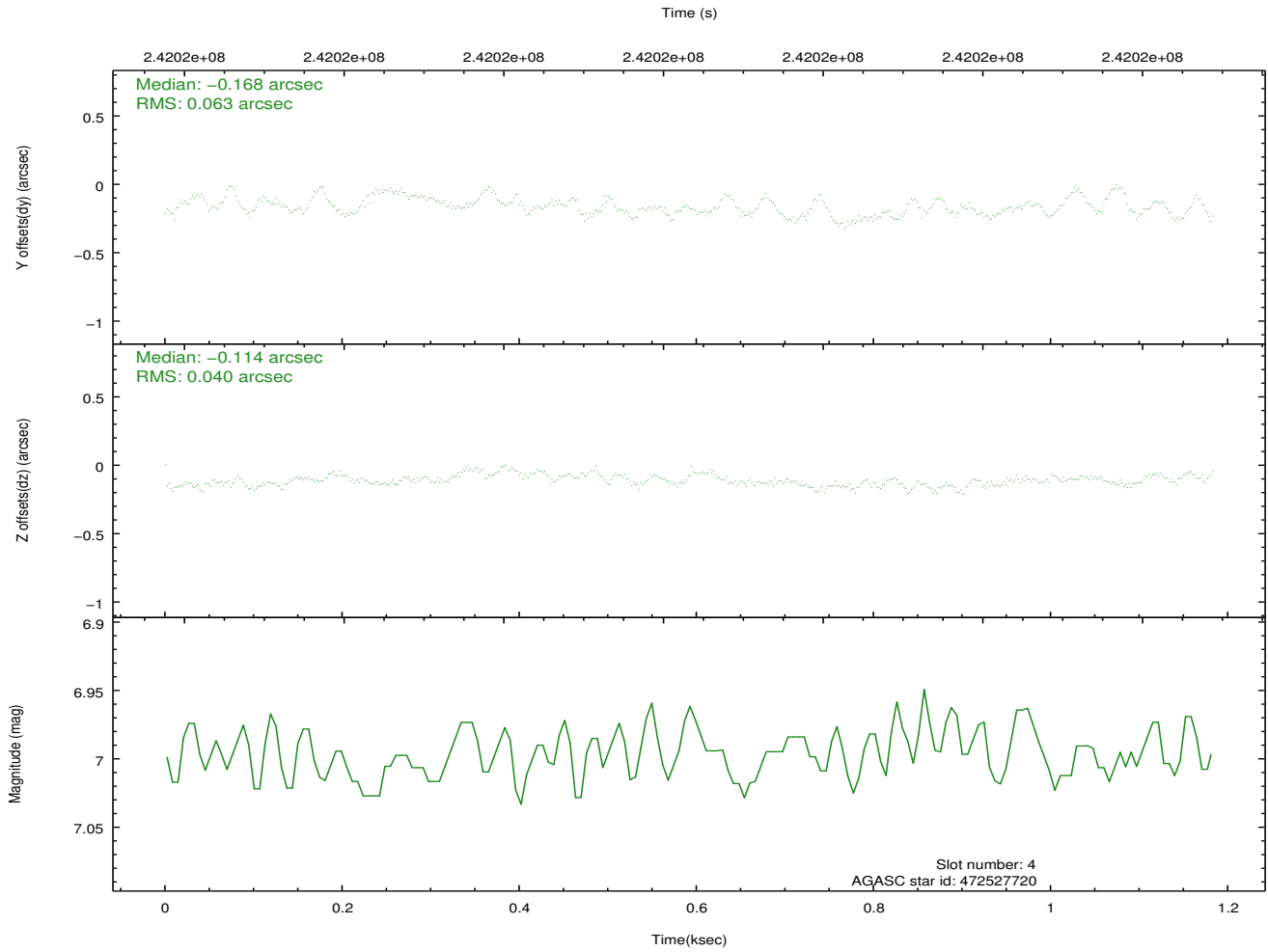
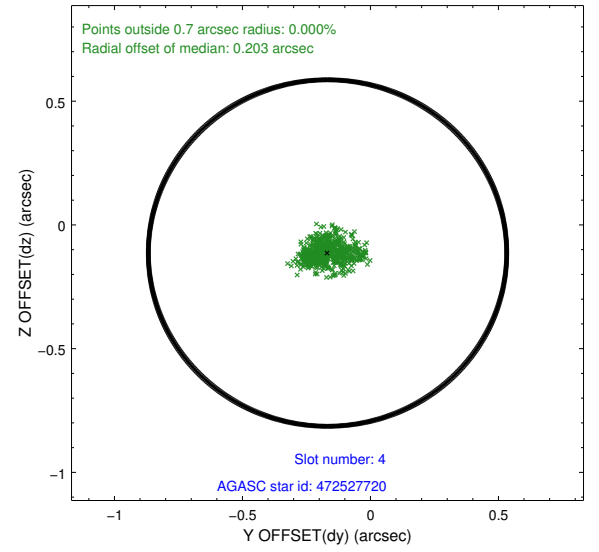
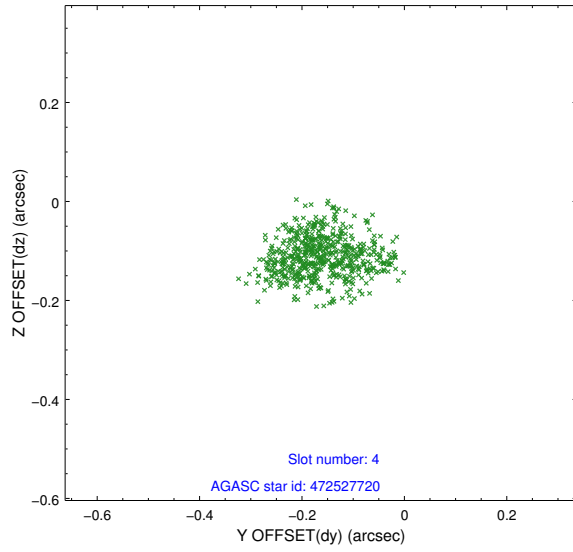
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	289	0.128	-0.106	0.008	0.016	0.000000	0.000000	1237.05	-450.16
1	FID	HRC-S-3	7.04	287	0.058	-0.101	0.005	0.009	0.000000	0.000000	-1161.07	570.54
2	FID	HRC-S-4	7.01	289	0.220	-0.088	0.008	0.013	0.000000	0.000000	1231.75	576.56
3	GUIDE	472523760	8.24	578	-0.016	-0.087	0.074	0.109	331.645363	45.403260	1366.46	869.02
4	GUIDE	472527720	7.00	578	-0.168	-0.114	0.080	0.129	331.460205	45.112509	2038.86	1801.44
5	GUIDE	472535576	7.86	578	-0.141	0.145	0.068	0.107	331.438373	46.291802	1234.18	-2365.45
6	GUIDE	472655152	9.43	578	0.145	0.028	0.115	0.220	332.504239	45.862991	-1074.37	-337.04
7	GUIDE	472665256	9.00	577	0.180	0.037	0.077	0.122	332.808125	46.195041	-2048.73	-1365.20

2.4 Star Slots

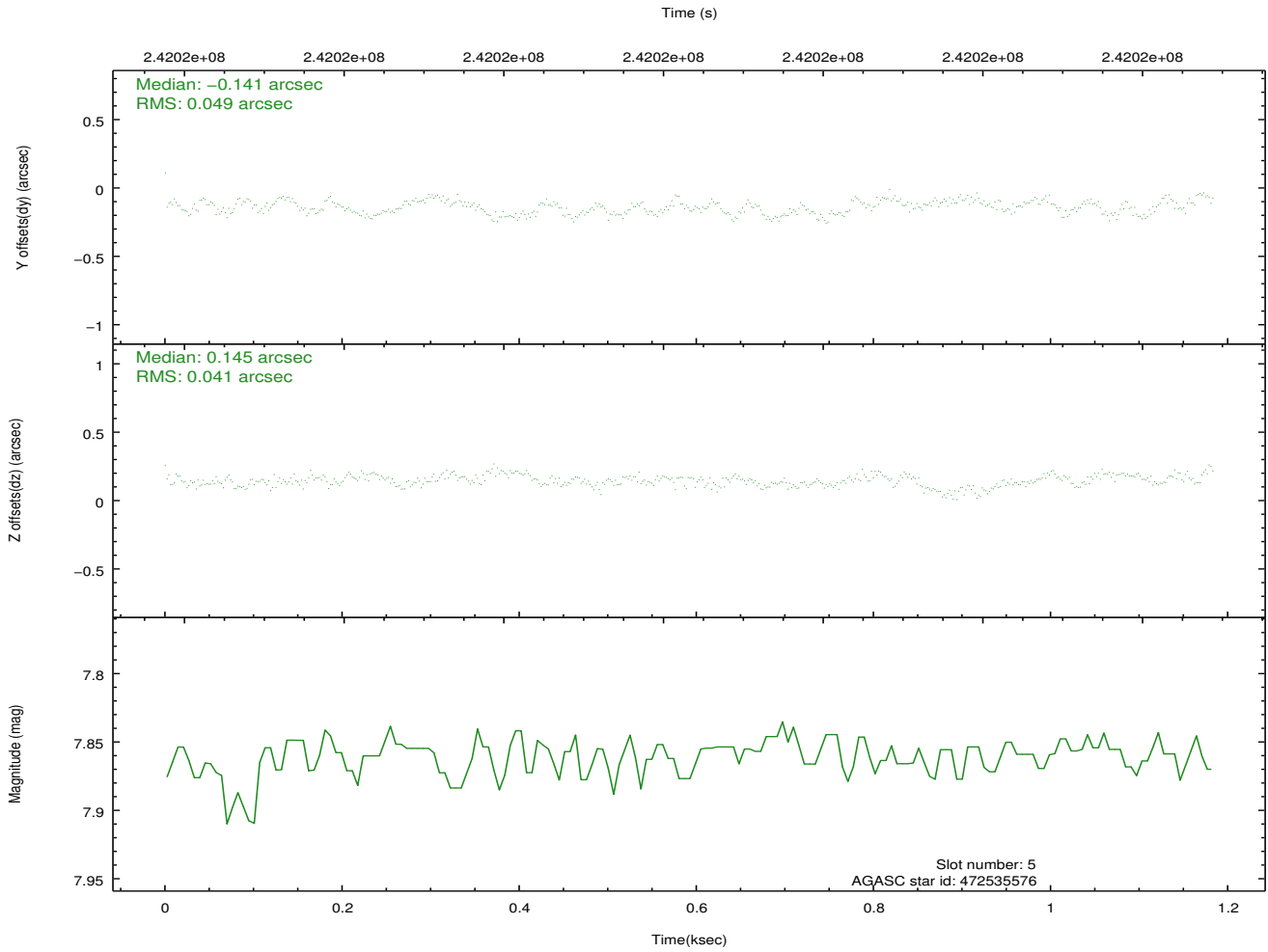
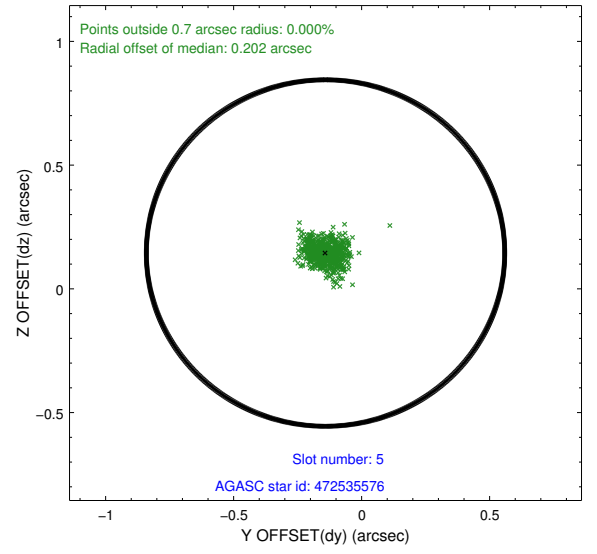
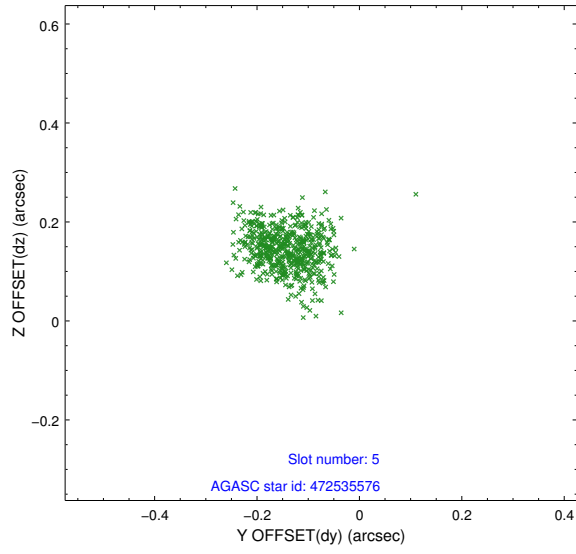
2.4.1 Slot 3



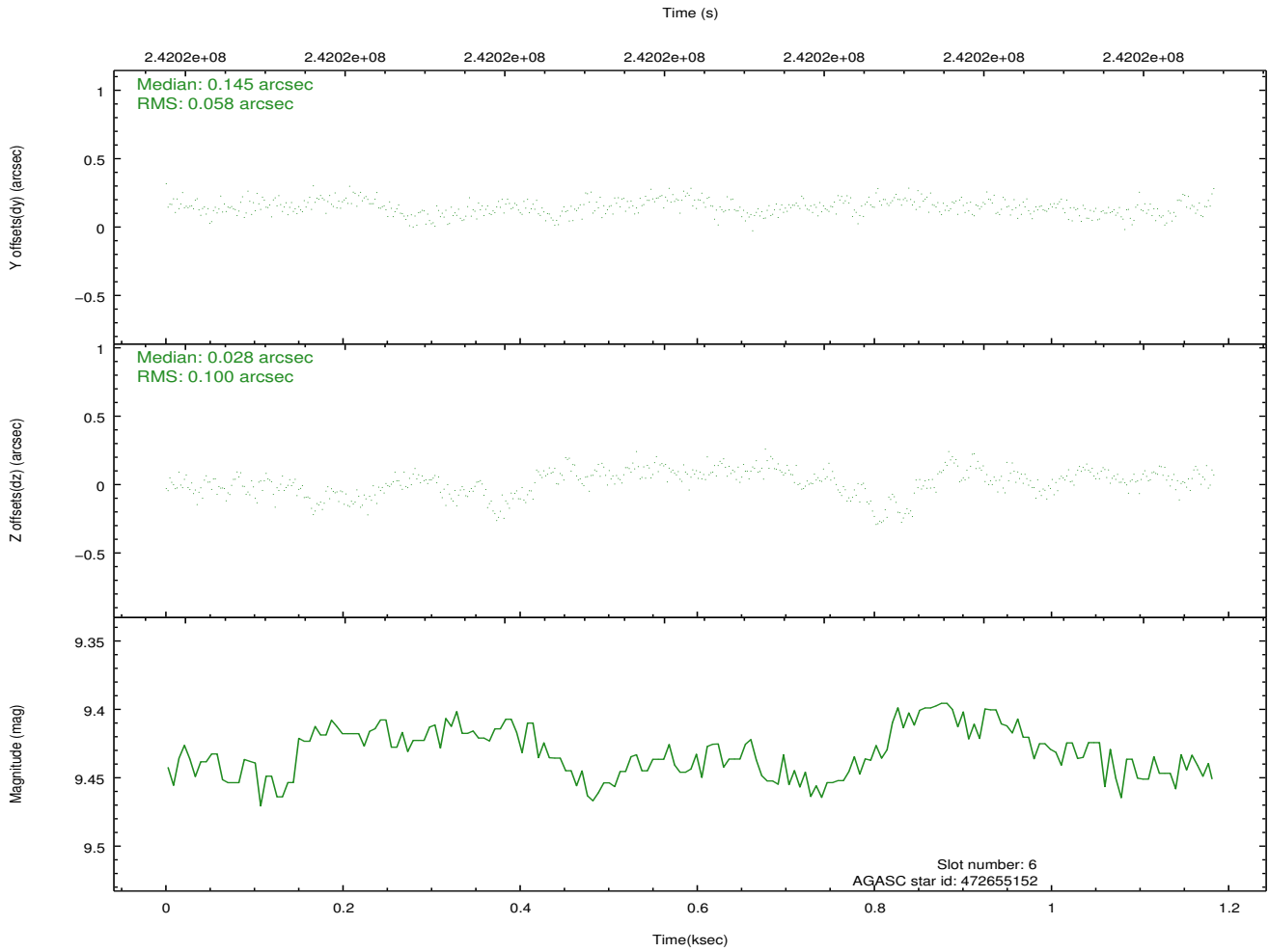
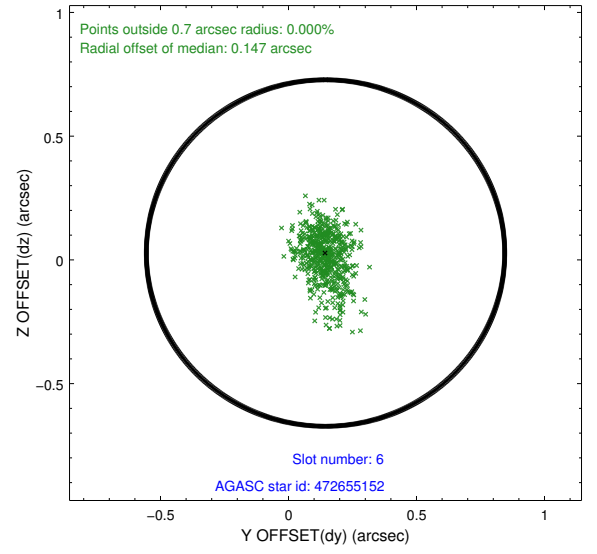
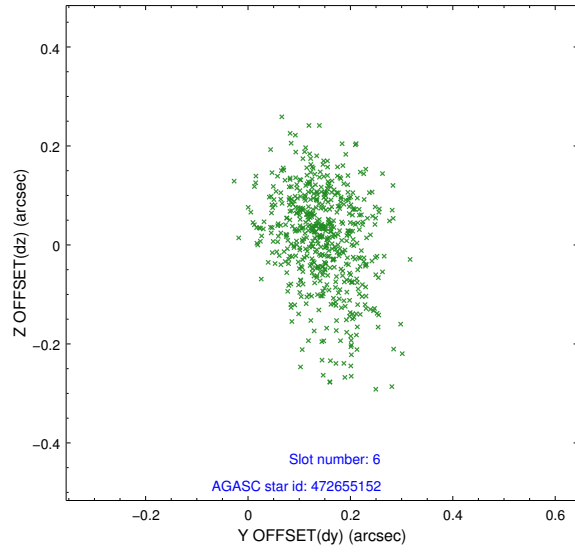
2.4.2 Slot 4



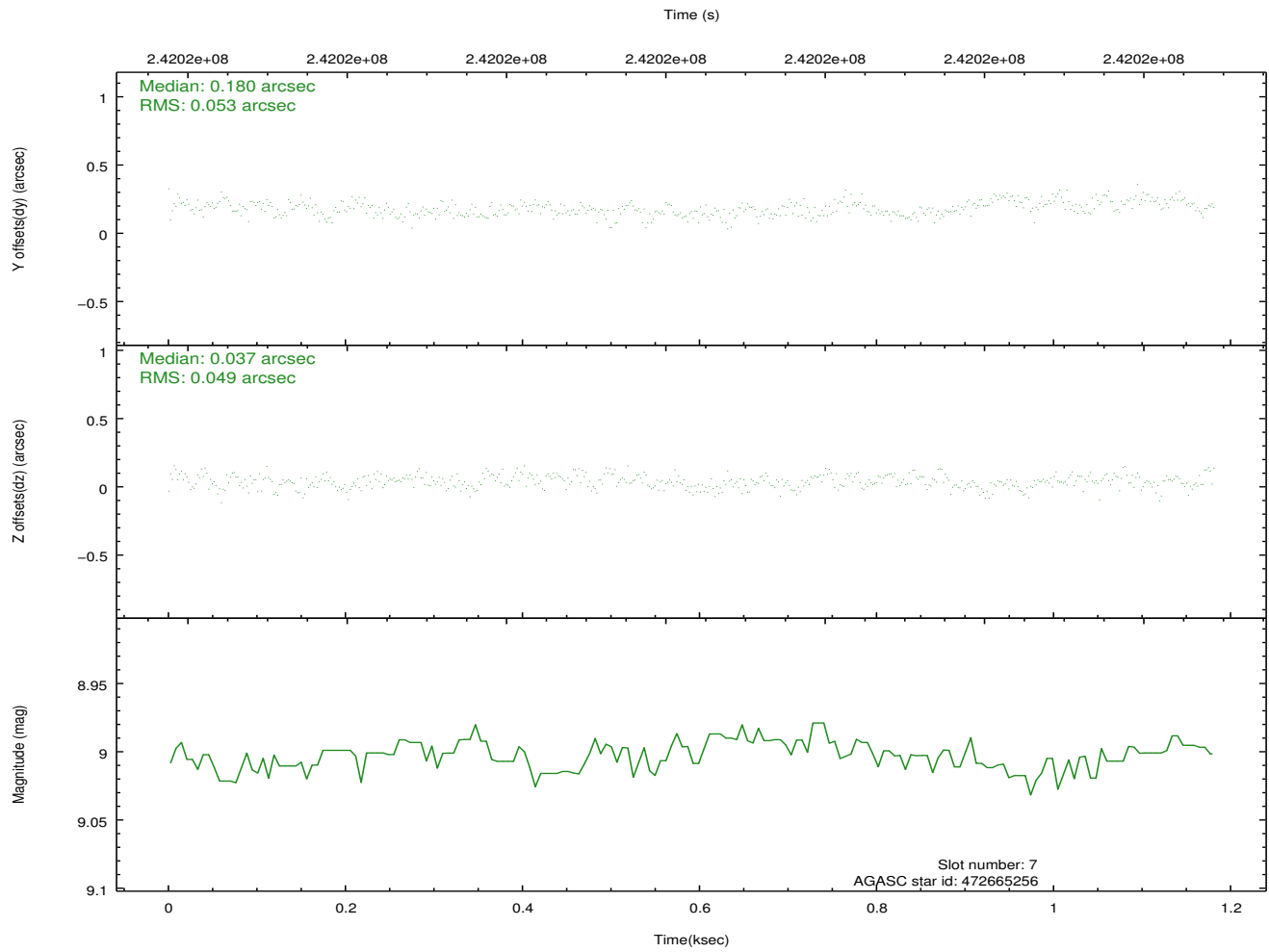
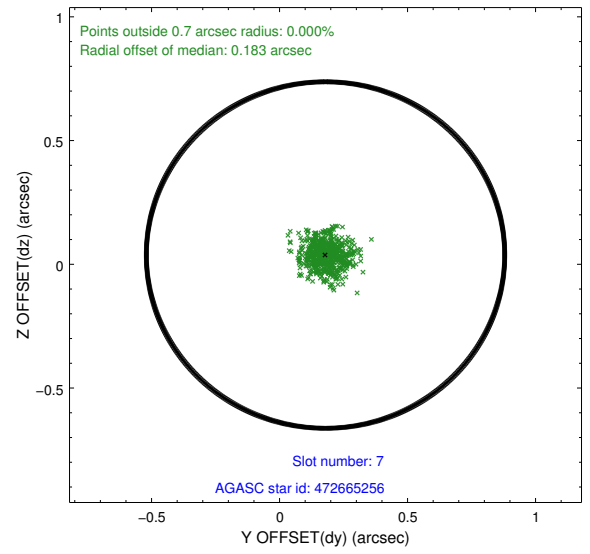
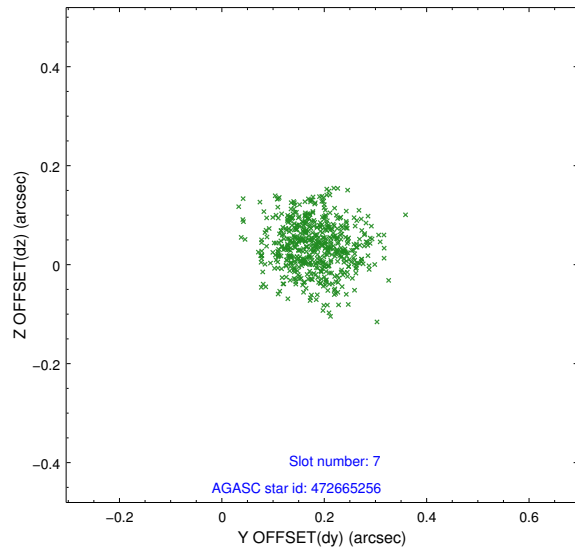
2.4.3 Slot 5



2.4.4 Slot 6

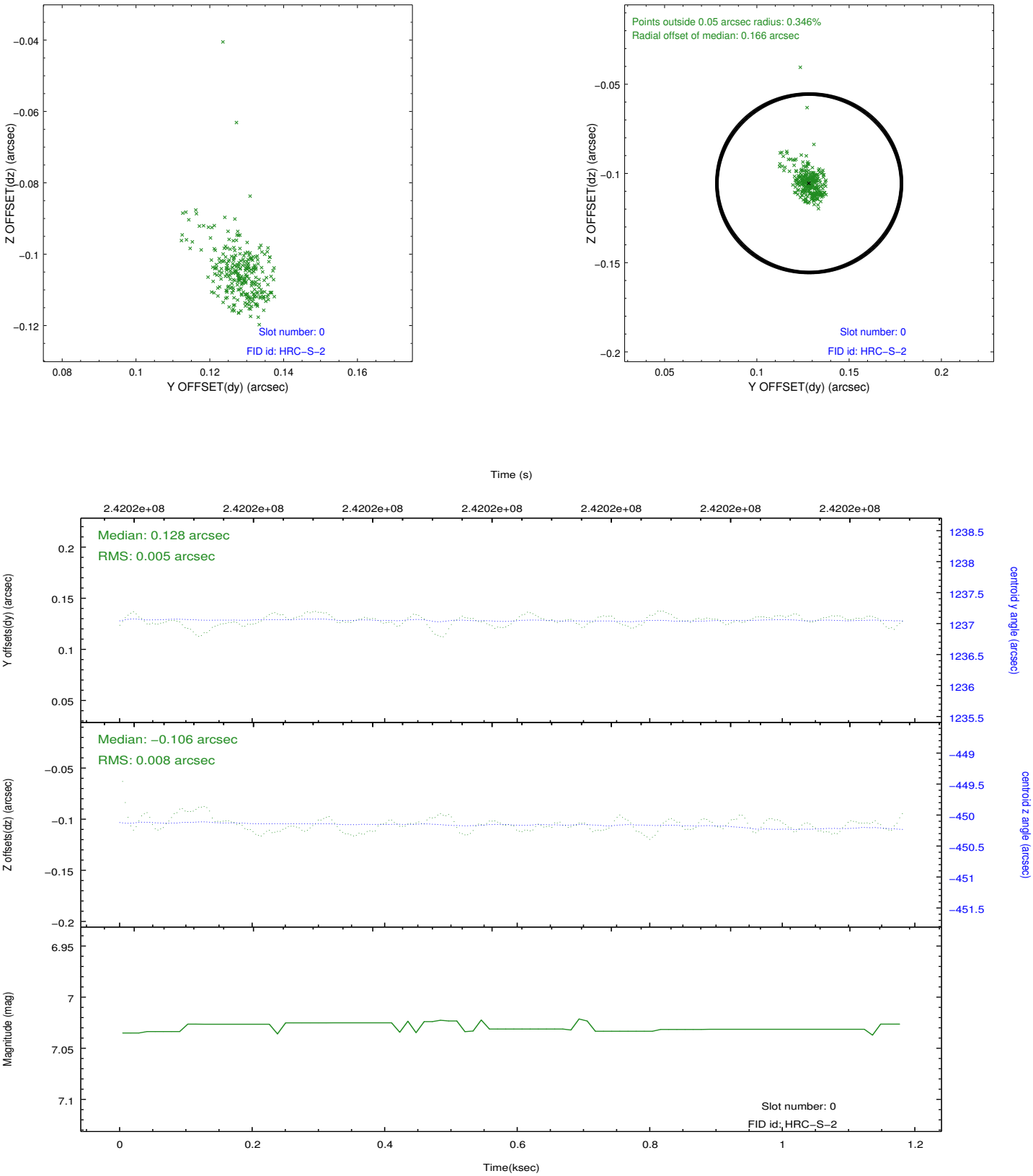


2.4.5 Slot 7

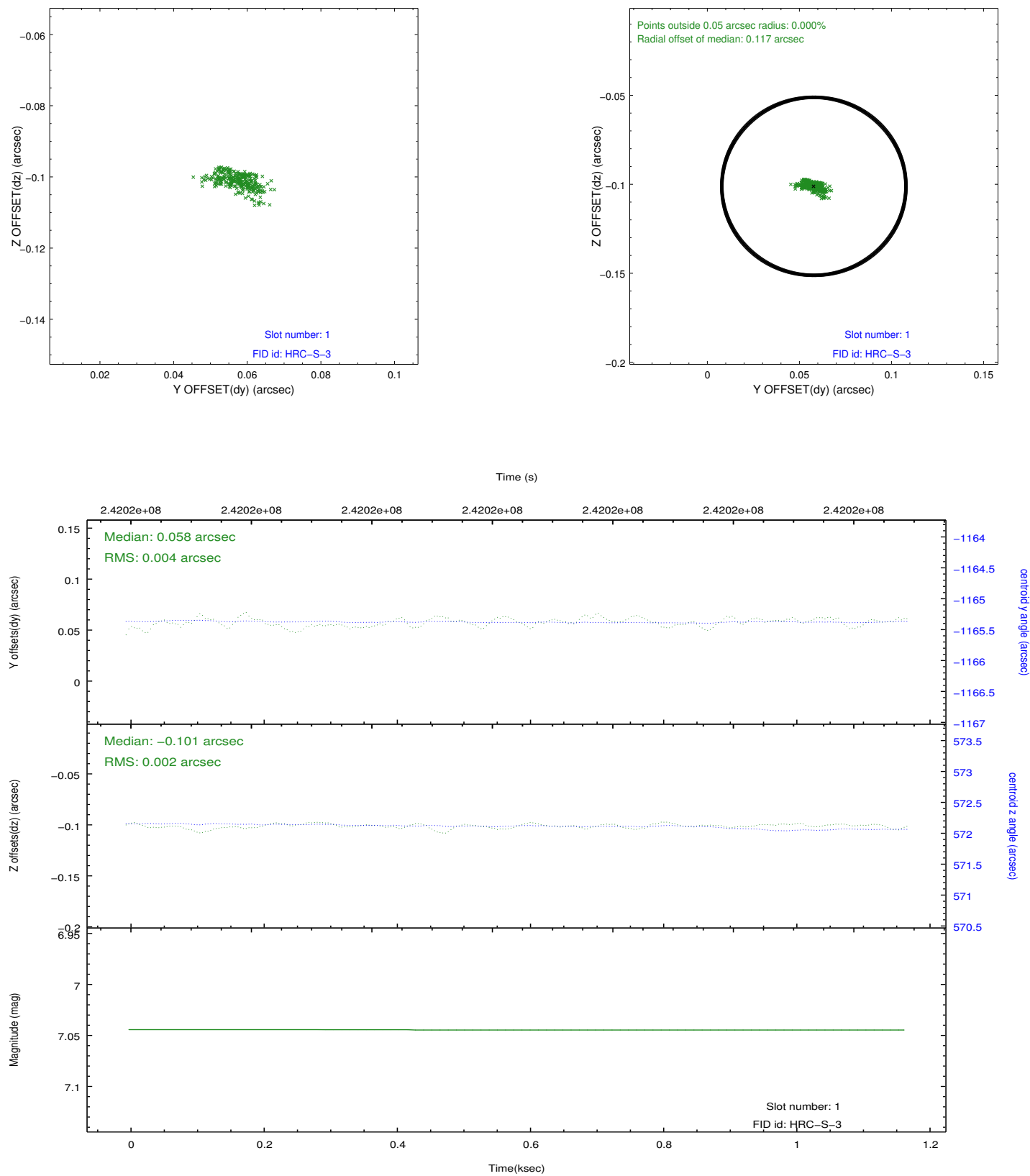


2.5 FID Slots

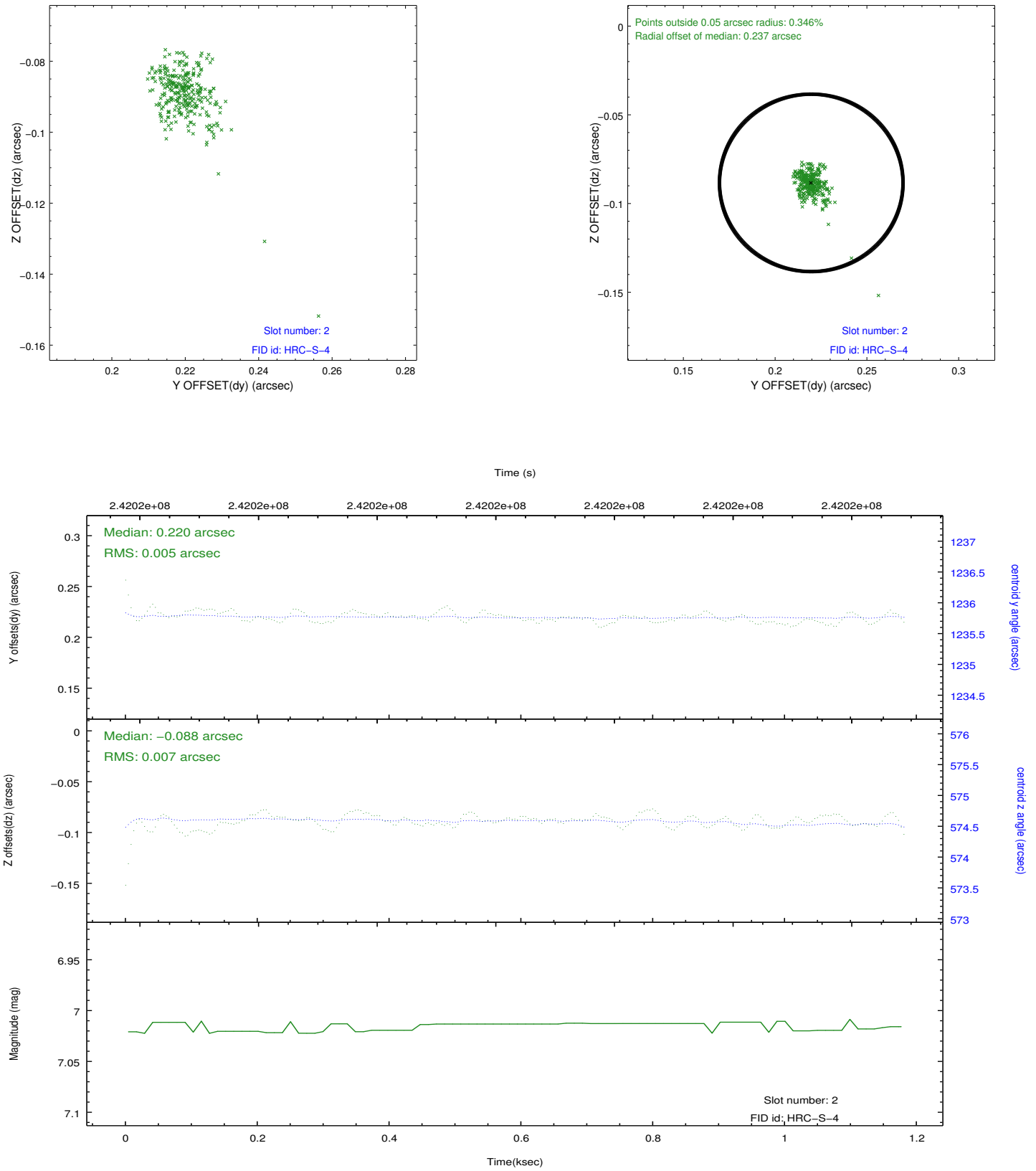
2.5.1 Slot 0



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)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151331

A.2 Comments