

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2444 - L2 Version 5
Chandra X-Ray Center

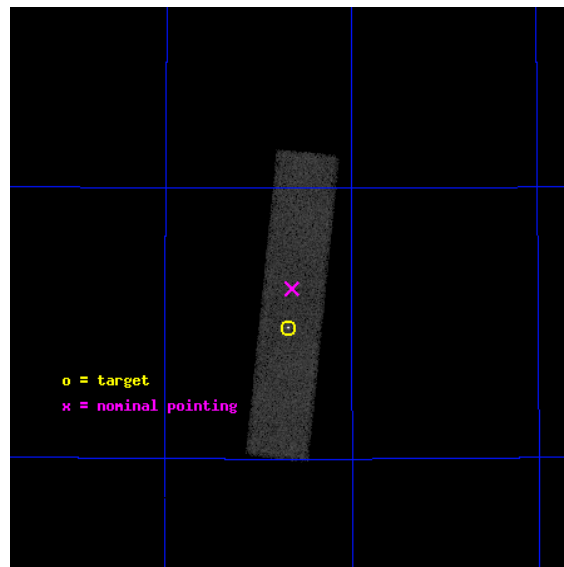
L2 Processing Date : Sep 18 2012

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1 Front

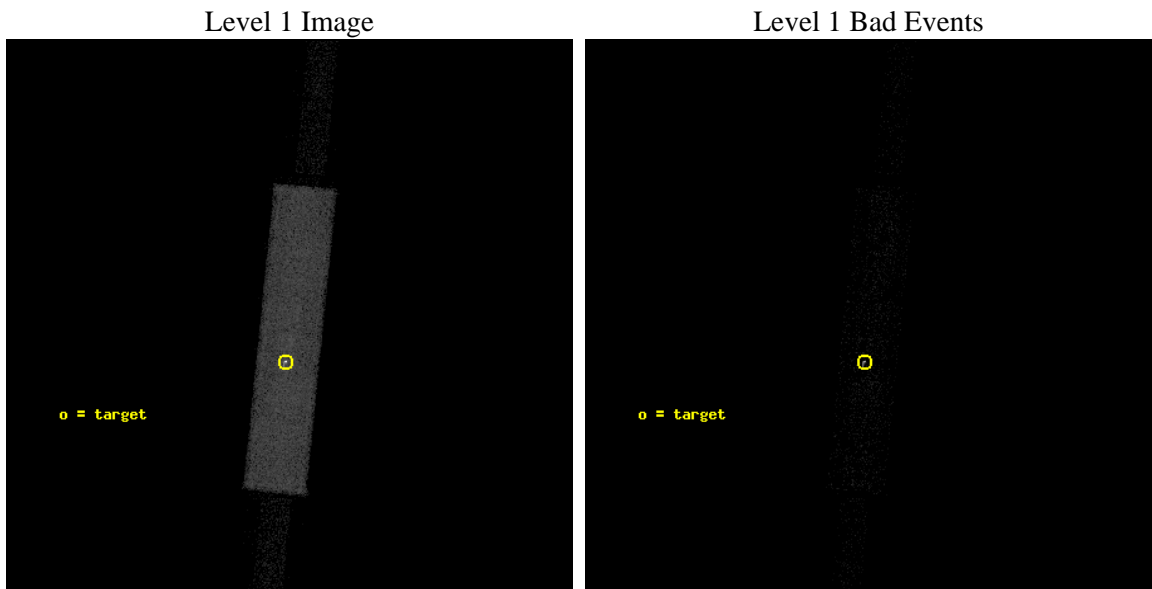
seq_num	290078	Sequence number
obs_id	2444	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16038862552	Nominal RA [deg]
dec_nom	45.814009600469	Nominal Dec [deg]
roll_nom	95.797245375712	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1376.8313034922	[s]
livetime	1368.6457600925	Ontime multiplied by DTCOR
l2events	57535	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	1234.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1376.8313034922	[s]
caldsver	4.5.1.1	 	l1events	91698	Number of level 1 events
date	2012-09-18T22:54:50	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

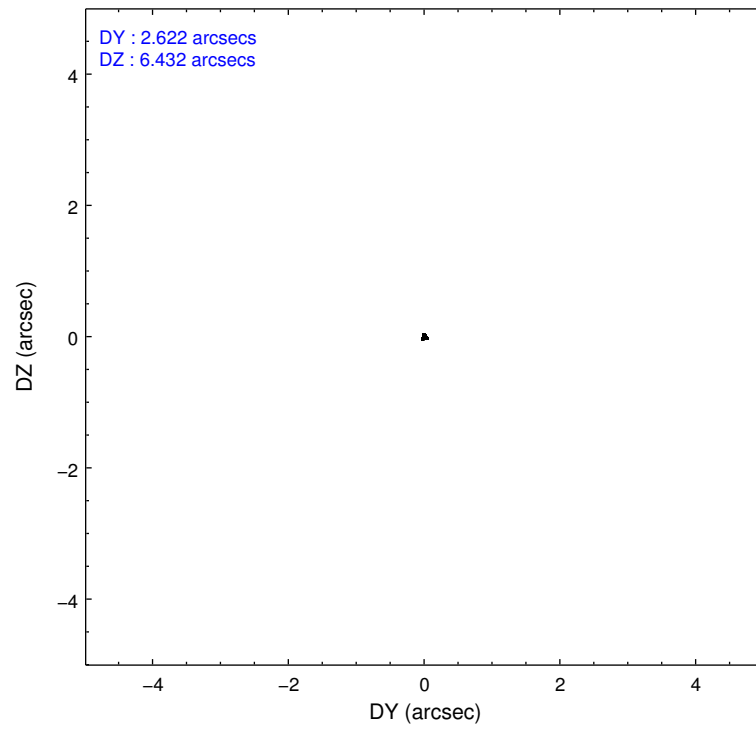
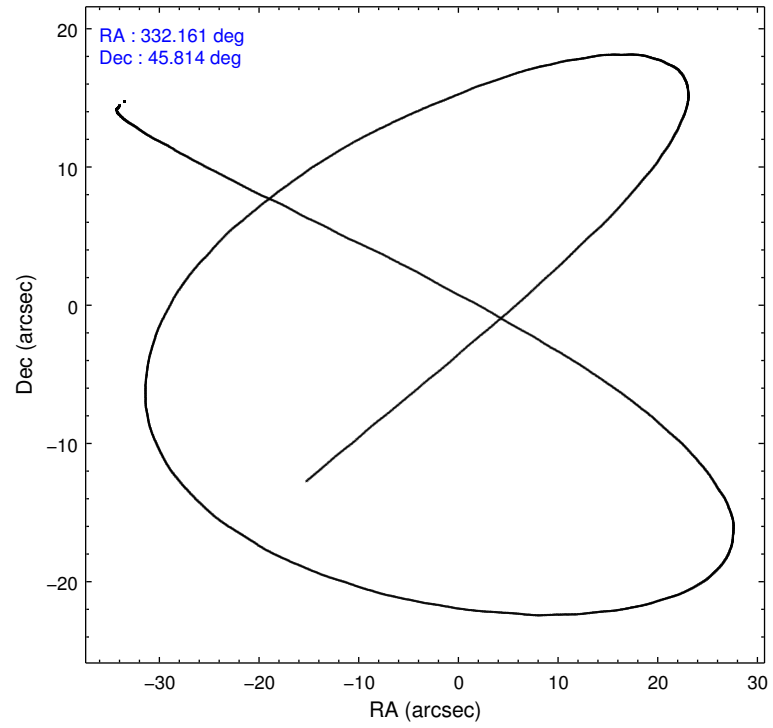
	segment 1	segment 2	segment 3
level 1 events	2709	86640	2349
rejected events	2709	17106	2349
rejected %	100%	19%	100%

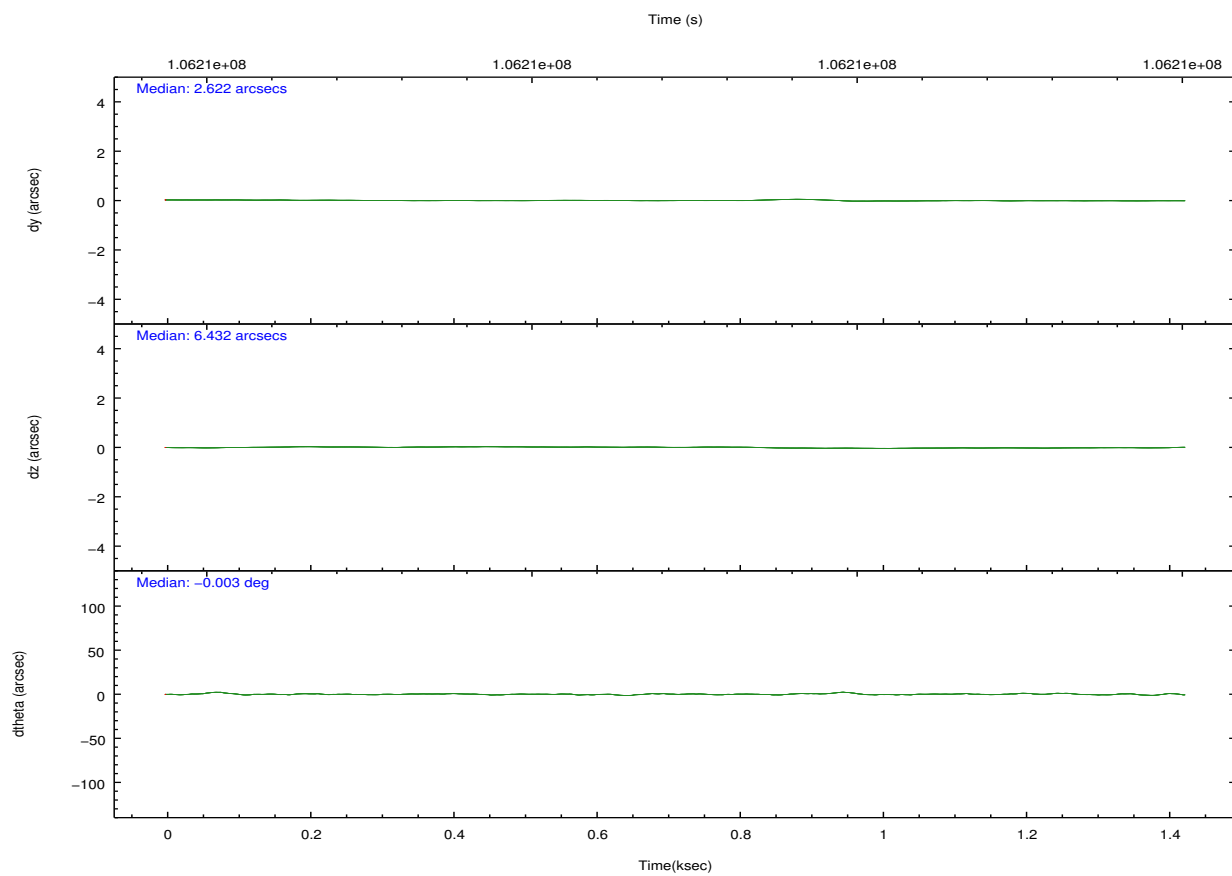
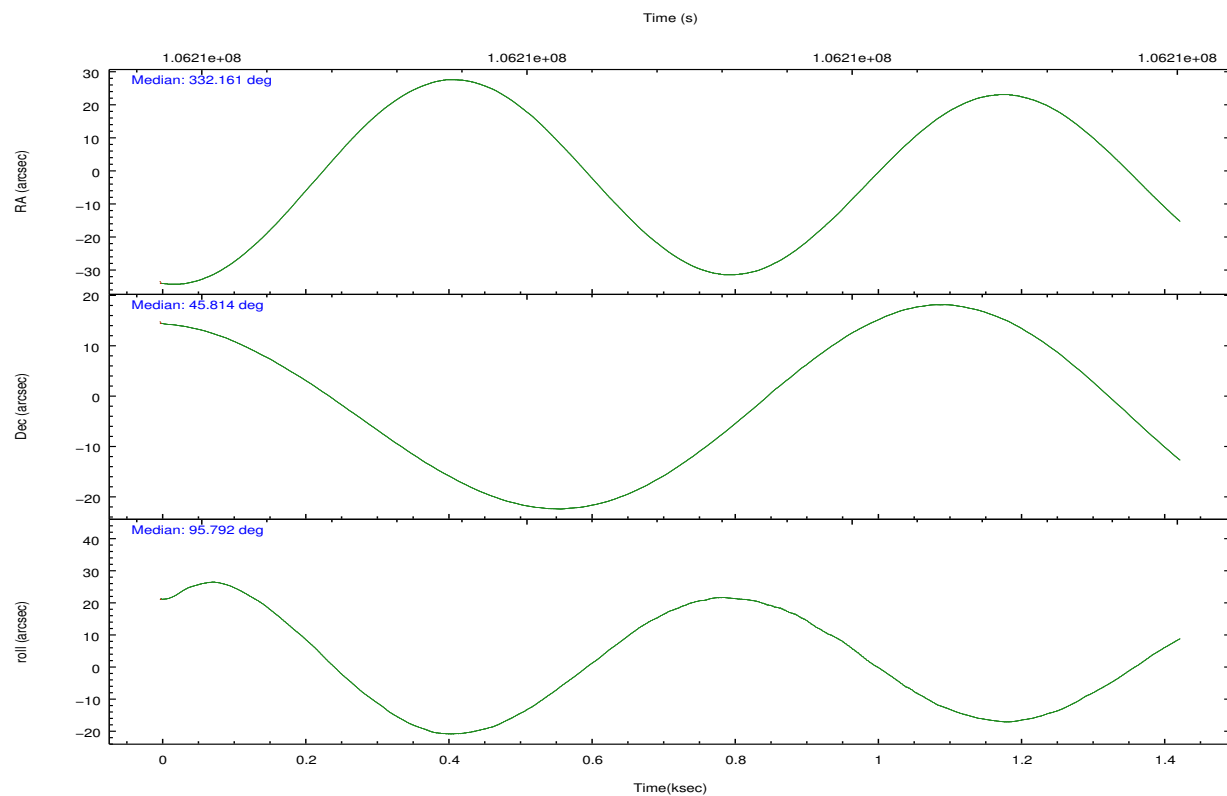
2.2 Compared Parameters

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	332.185589	332.1603886255203
[deg] Pointing Dec	45.790961	45.81400960046901
[deg] Pointing Roll	95.711850	95.79724537571192
[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)	106209195.184000	106208818.621
Observation start date	2001-05-14T06:32:11	2001-05-14T06:26:58
[s] Observation end time (MET)	106210429.184000	106210563.17107
Observation end date	2001-05-14T06:52:45	2001-05-14T06:56:03

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

2.3 Aspect



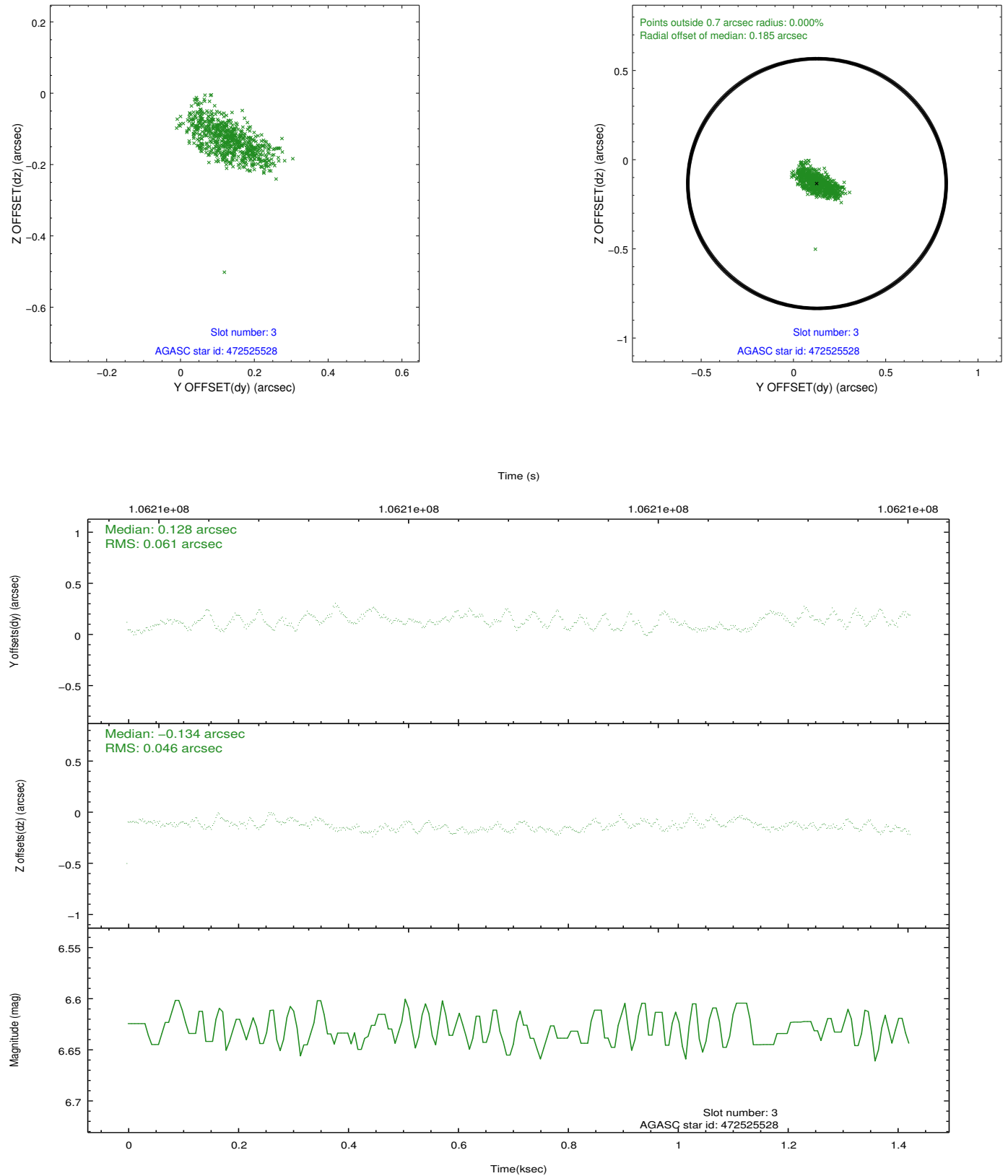


Slot Statistics

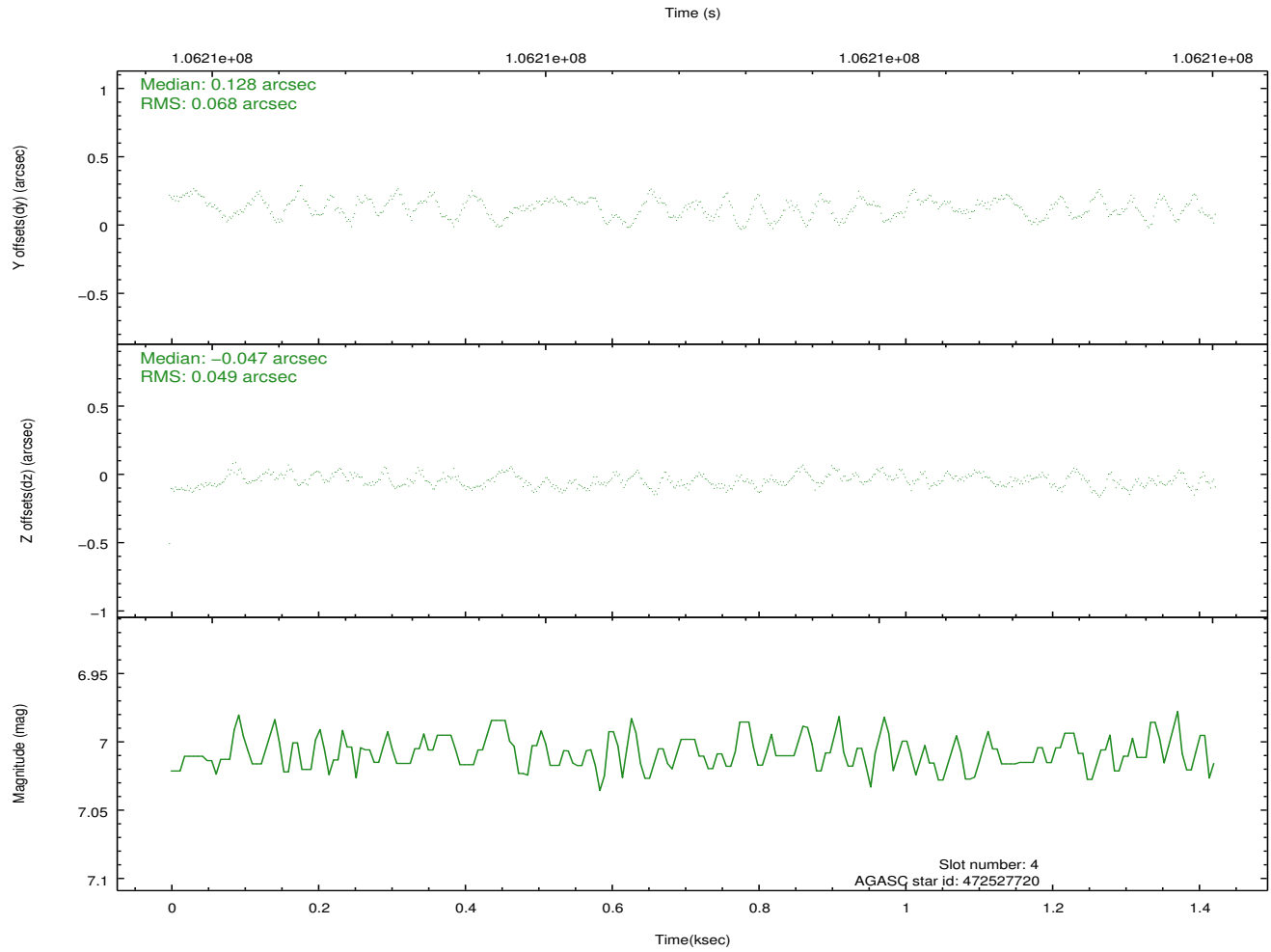
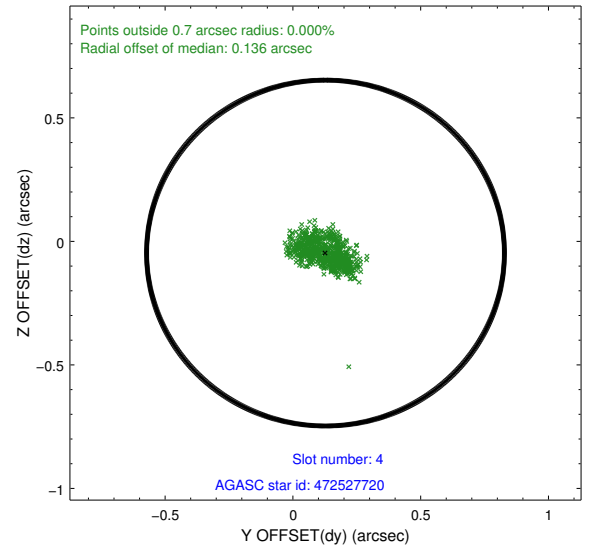
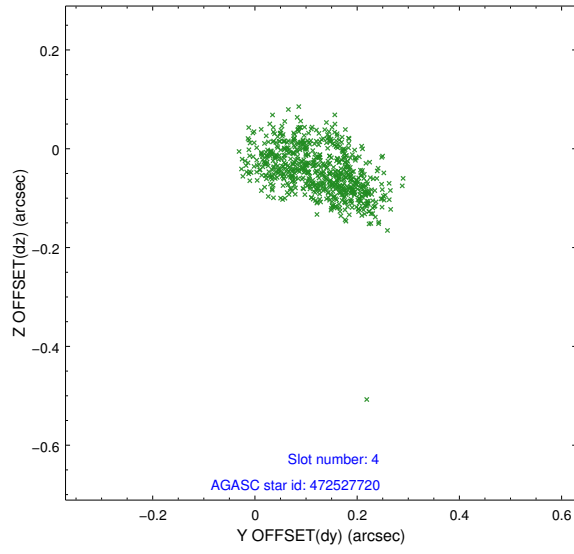
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	348	0.136	-0.110	0.006	0.009	0.000000	0.000000	-1156.66	-454.94
1	FID	HRC-S-2	6.98	348	0.118	-0.098	0.004	0.009	0.000000	0.000000	1239.68	-448.89
2	FID	HRC-S-3	7.00	348	0.136	-0.094	0.007	0.010	0.000000	0.000000	-1155.81	573.32
3	GUIDE	472525528	6.63	696	0.128	-0.134	0.081	0.133	331.551102	45.248694	-1778.62	1794.06
4	GUIDE	472527720	7.01	696	0.128	-0.047	0.089	0.139	331.460205	45.112509	-2243.75	2078.94
5	GUIDE	472535576	7.85	696	-0.194	-0.094	0.052	0.084	331.438373	46.291802	1981.75	1672.83
6	GUIDE	472523760	8.24	696	0.065	0.019	0.059	0.103	331.645363	45.403260	-1248.02	1500.01
7	GUIDE	472665256	9.00	695	-0.120	0.256	0.072	0.122	332.808125	46.195041	1294.90	-1685.96

2.4 Star Slots

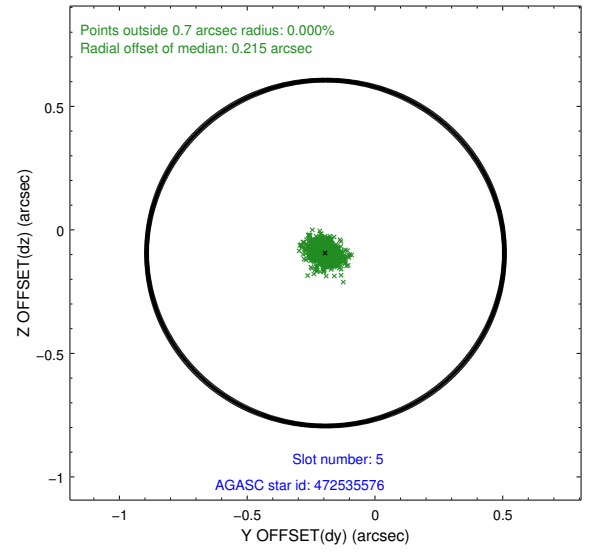
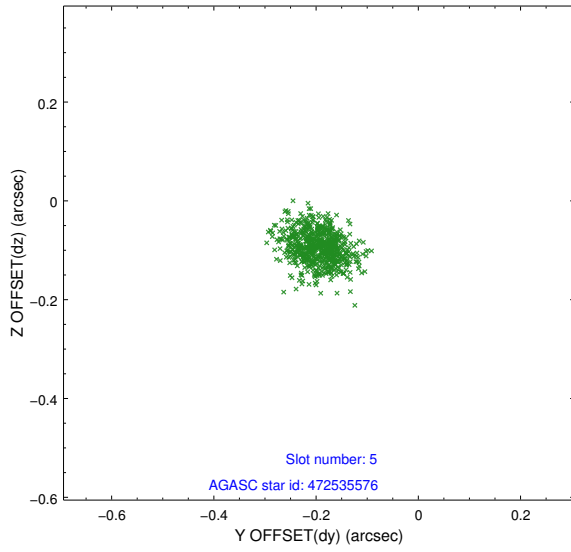
2.4.1 Slot 3



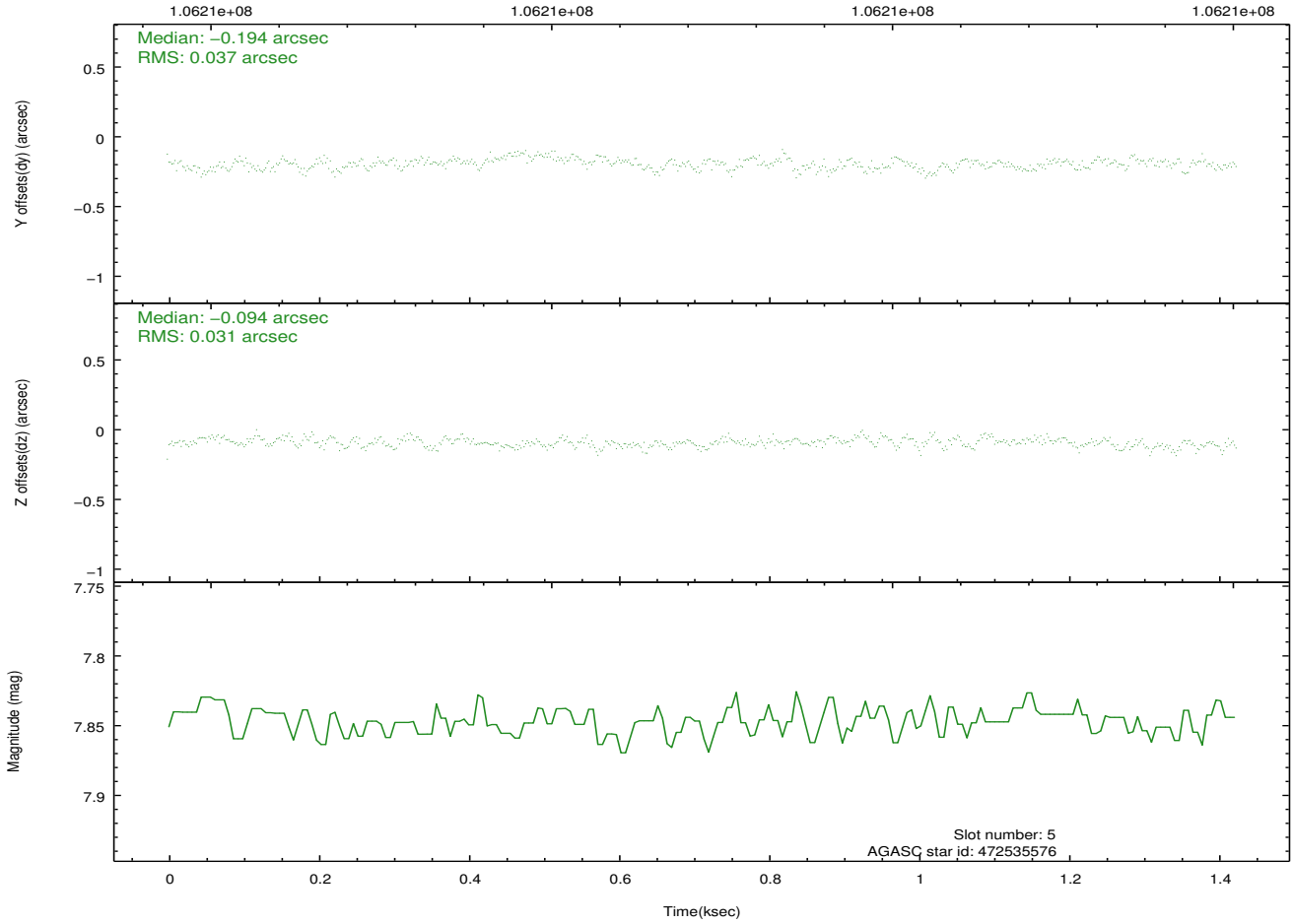
2.4.2 Slot 4



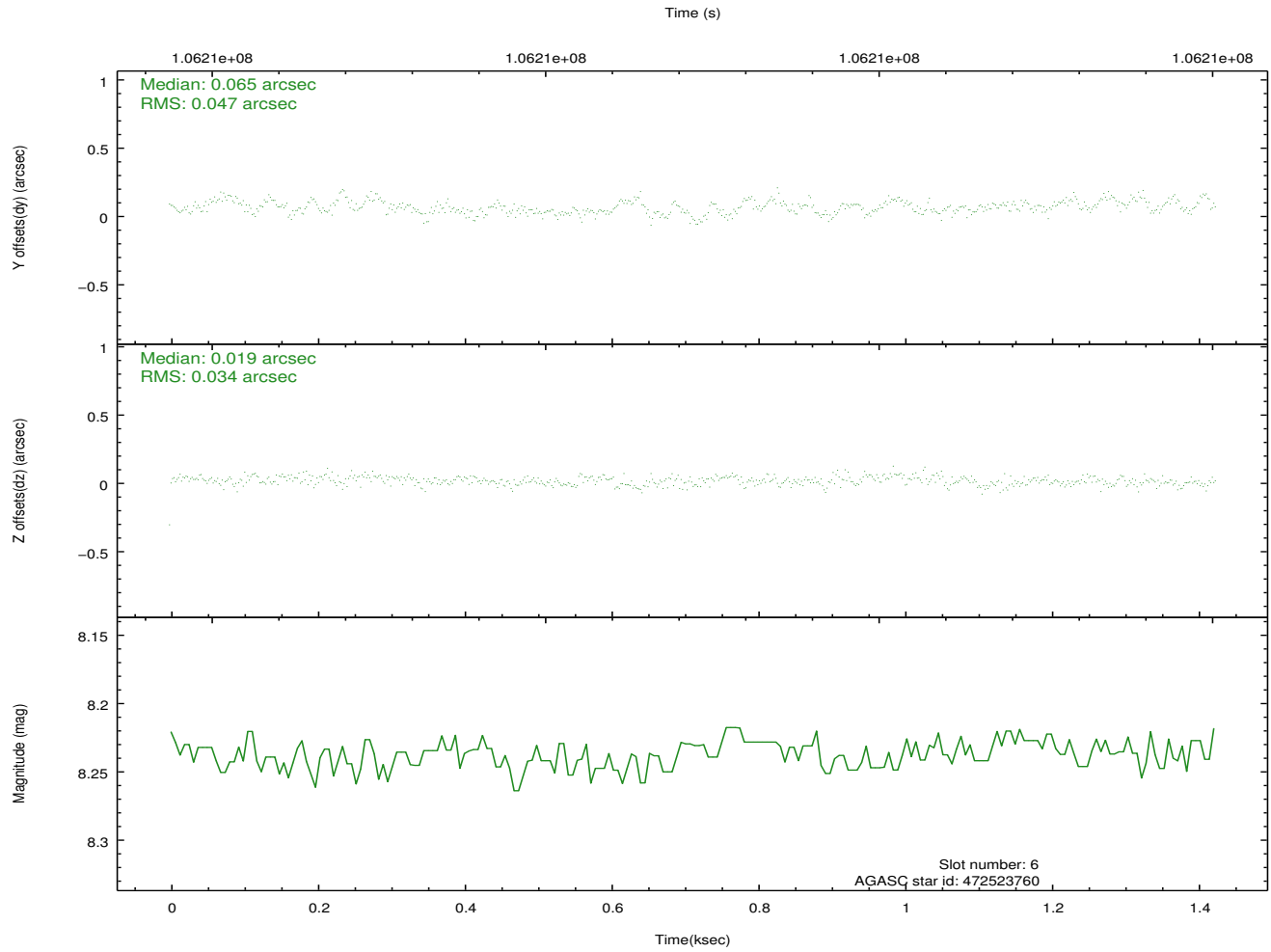
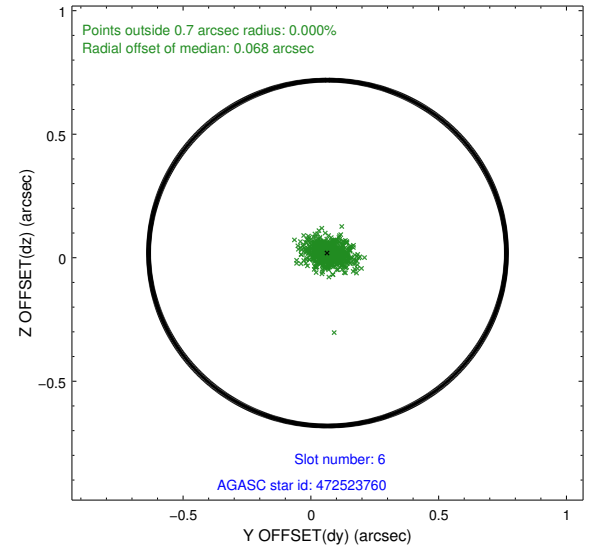
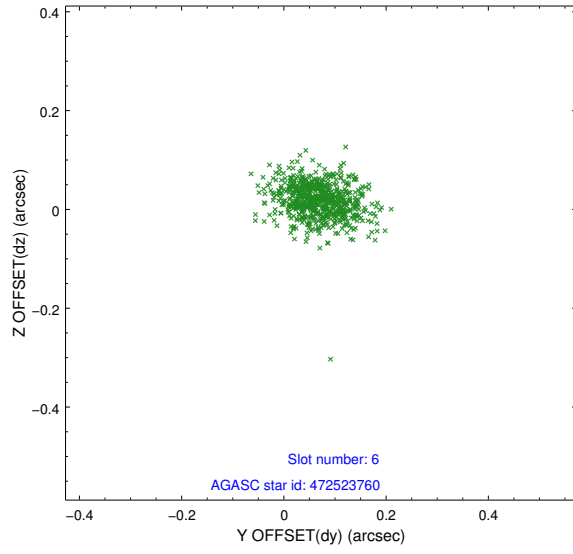
2.4.3 Slot 5



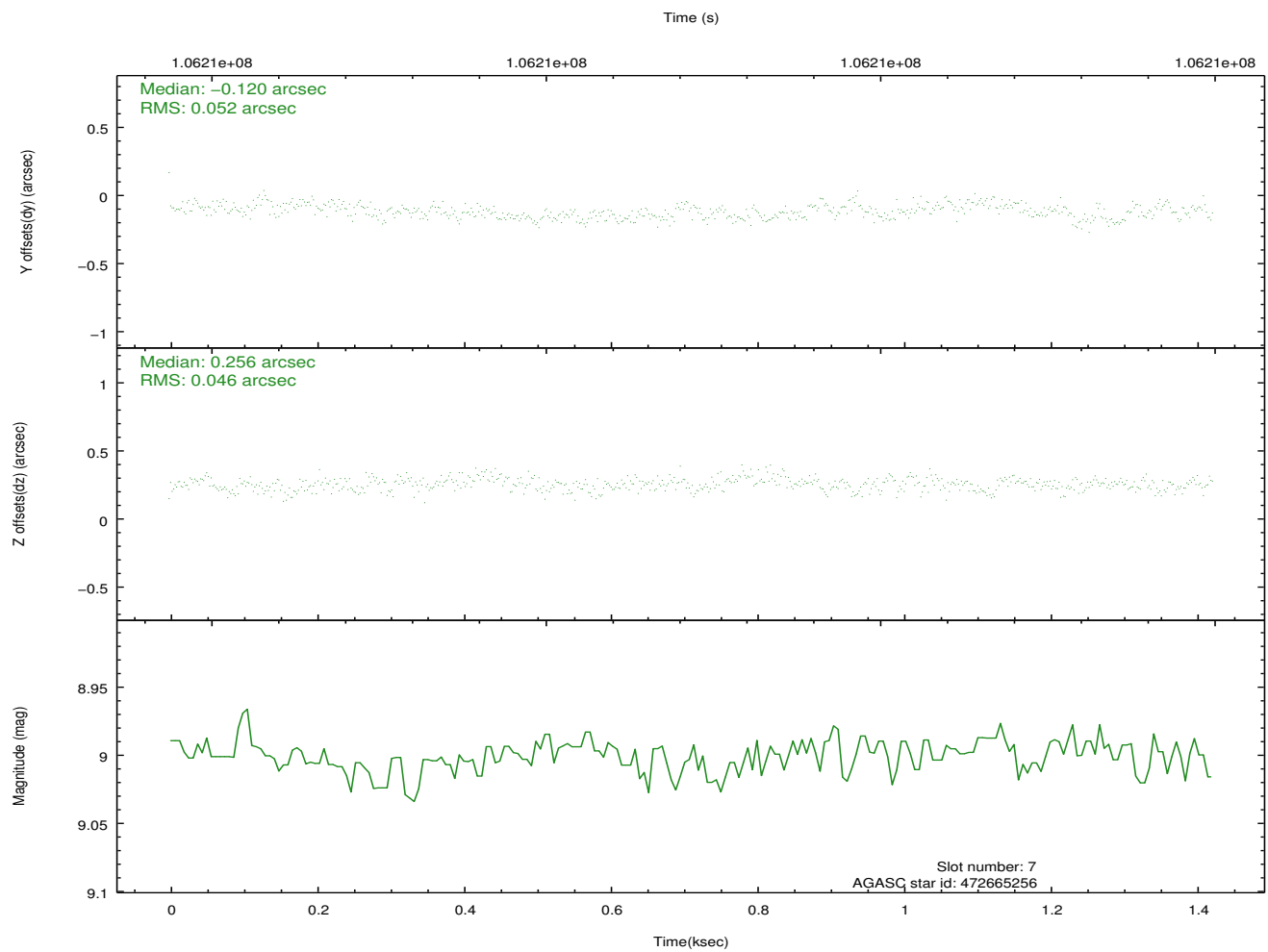
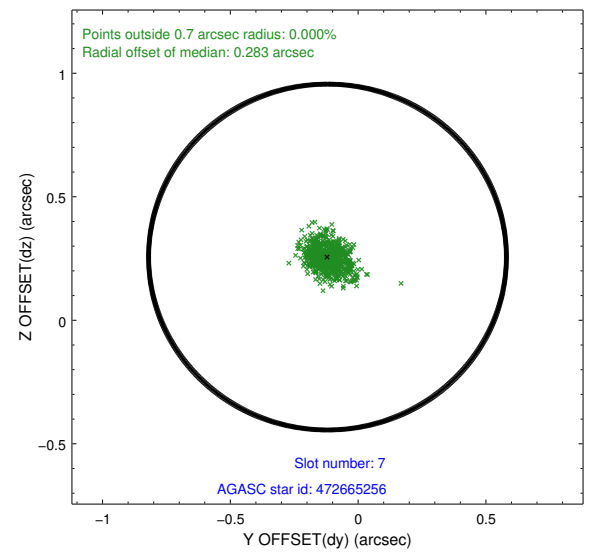
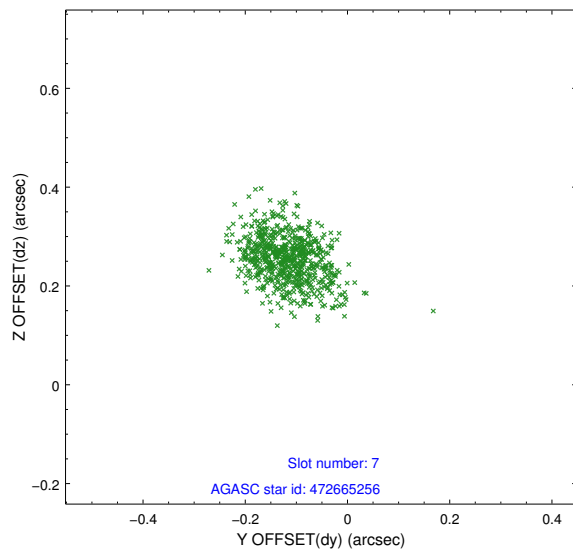
Time (s)



2.4.4 Slot 6

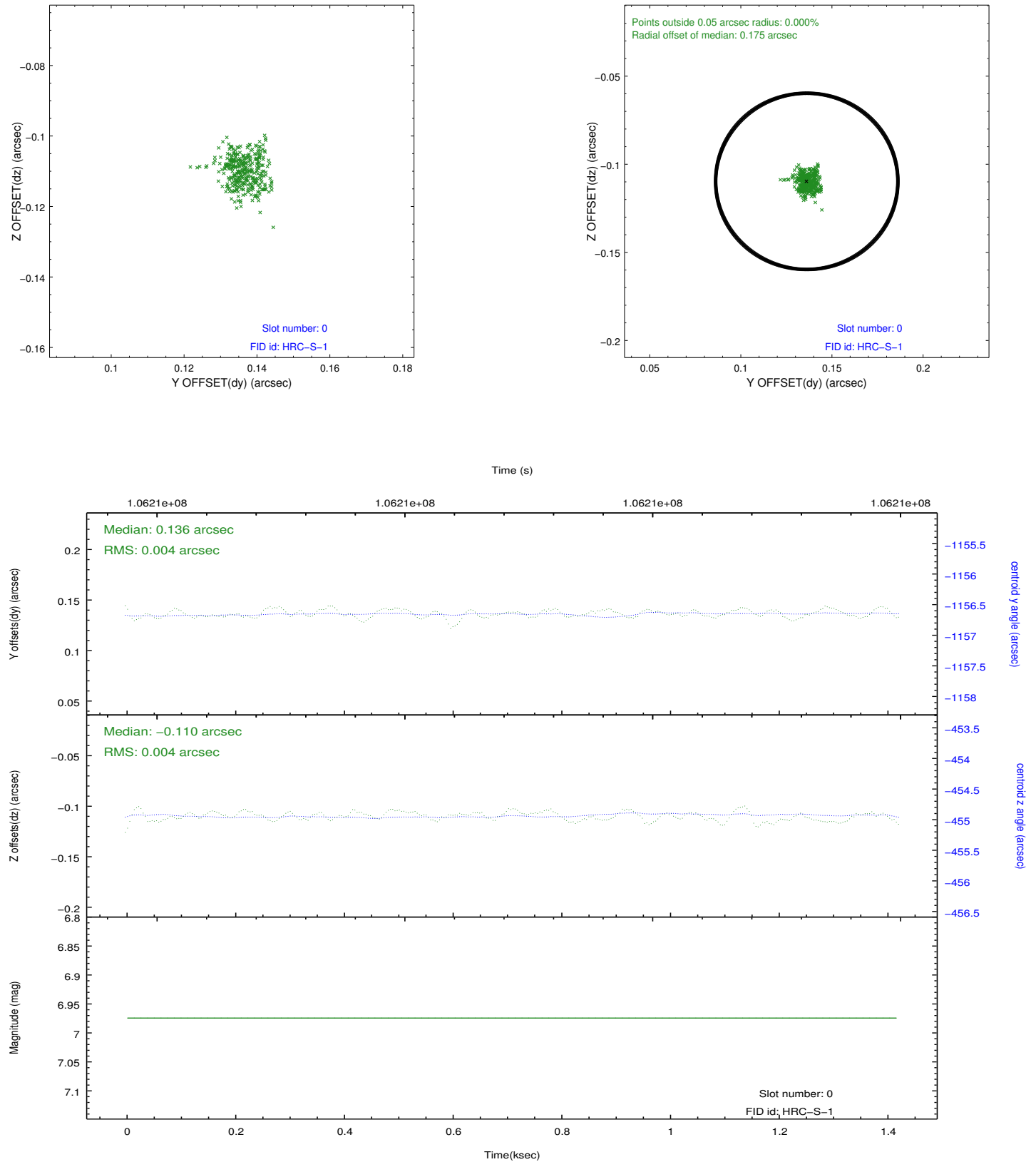


2.4.5 Slot 7

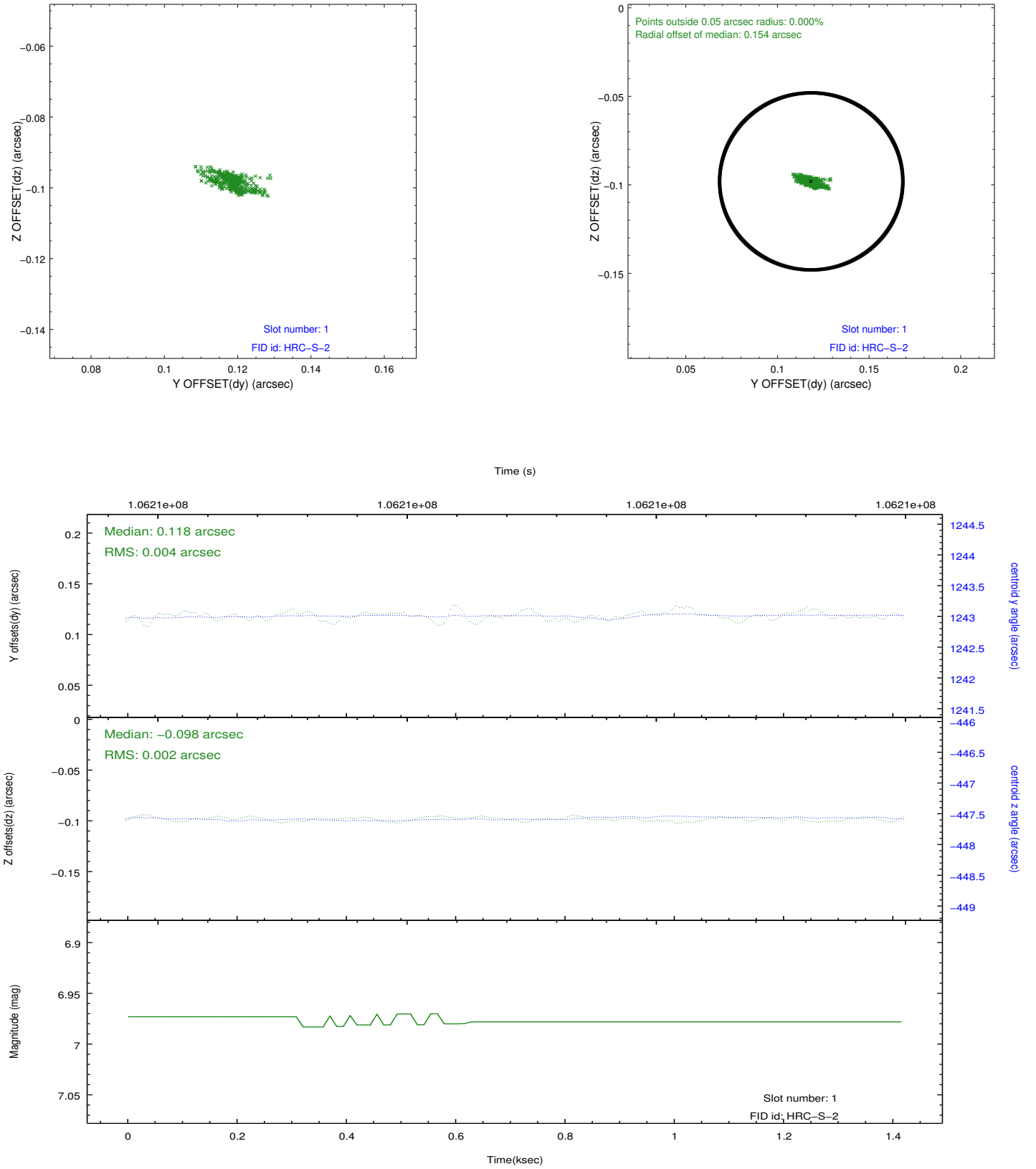


2.5 FID Slots

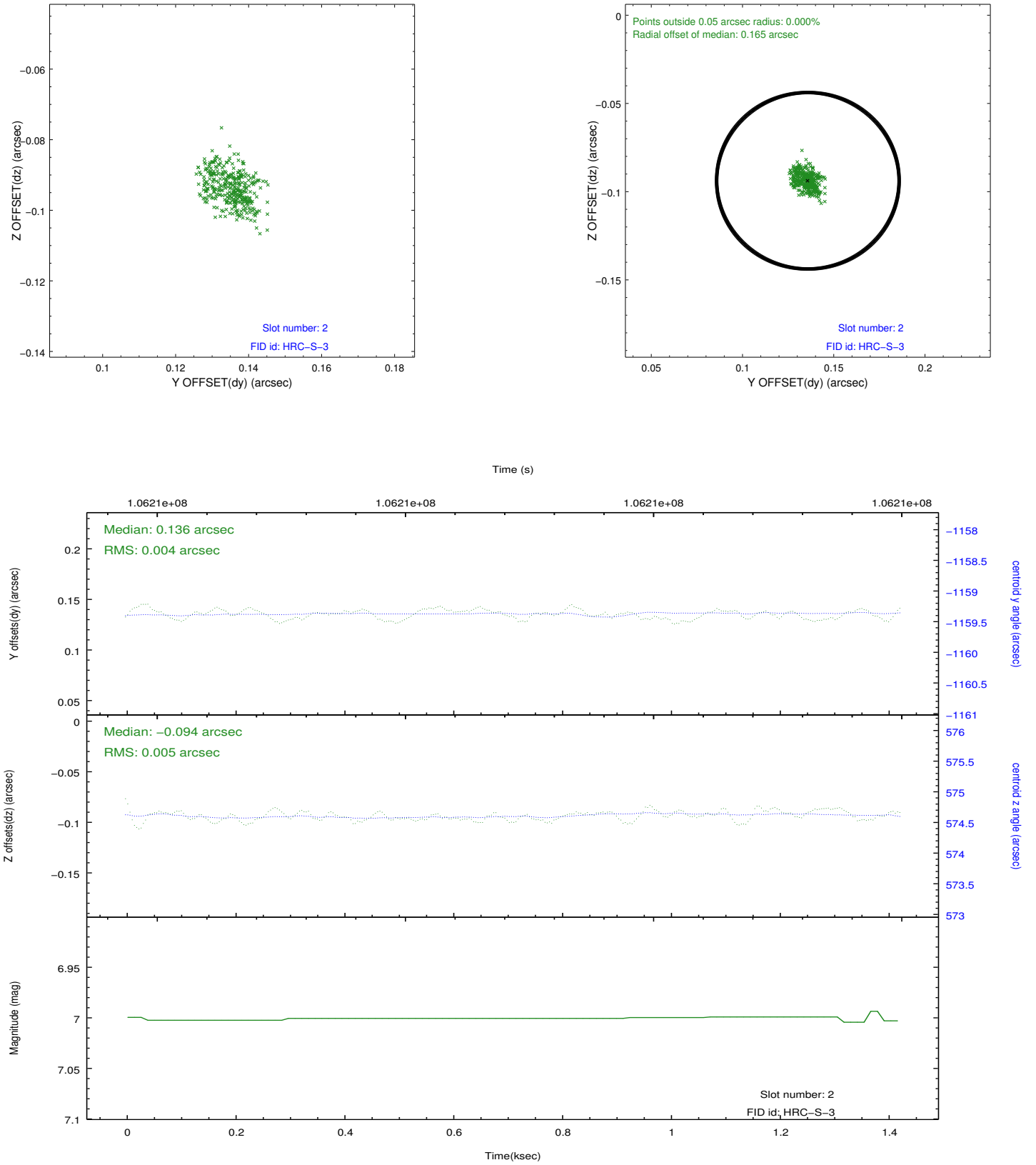
2.5.1 Slot 0



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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.423

A.2 Comments

Charge time for this observation remains at previous value of 1.423 ksec.