

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2436 - L2 Version 5
Chandra X-Ray Center

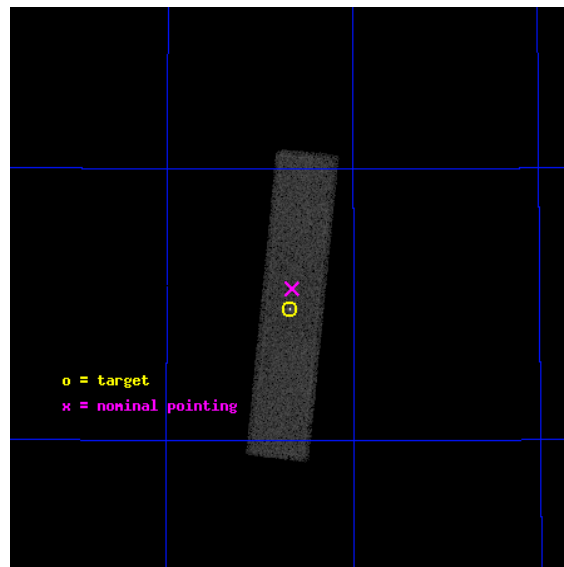
L2 Processing Date : Sep 18 2012

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1 Front

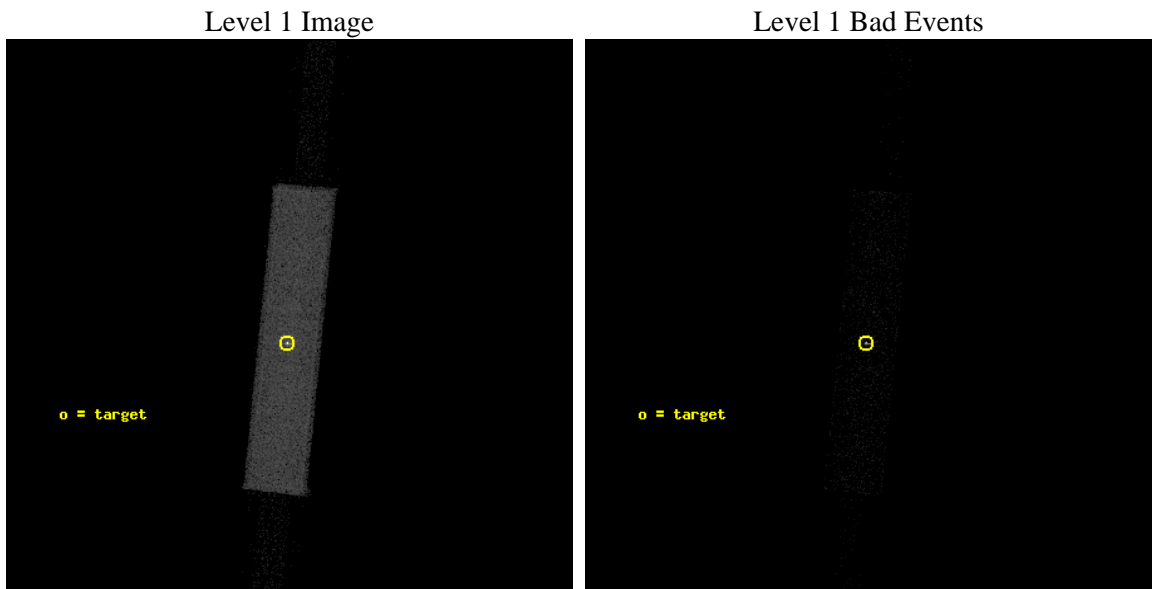
seq_num	290078	Sequence number
obs_id	2436	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16496368396	Nominal RA [deg]
dec_nom	45.779682249605	Nominal Dec [deg]
roll_nom	95.663182757841	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1376.8313034922	[s]
livetime	1368.786752883	Ontime multiplied by DTCOR
l2events	56243	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	86280	Number of level 1 events
date	2012-09-18T22:54:16	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

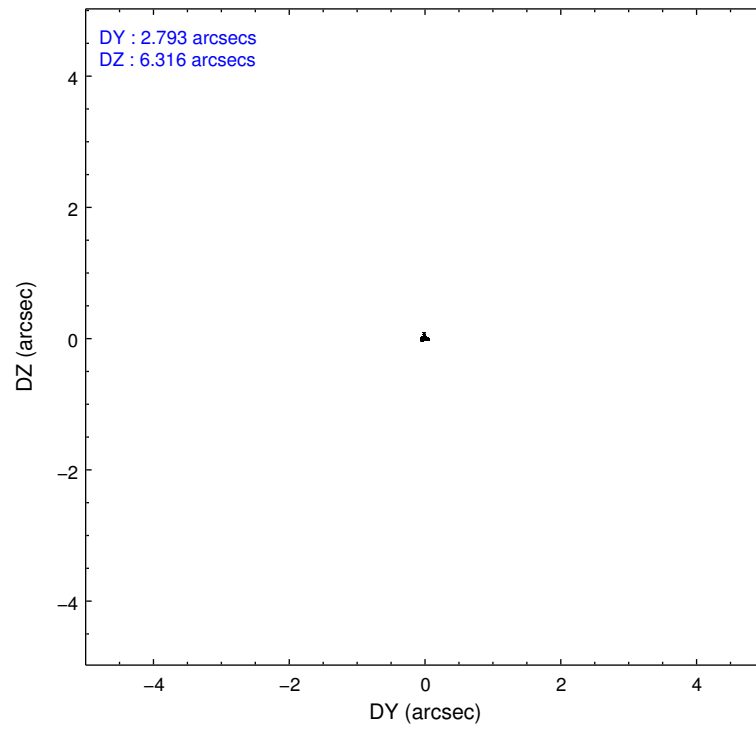
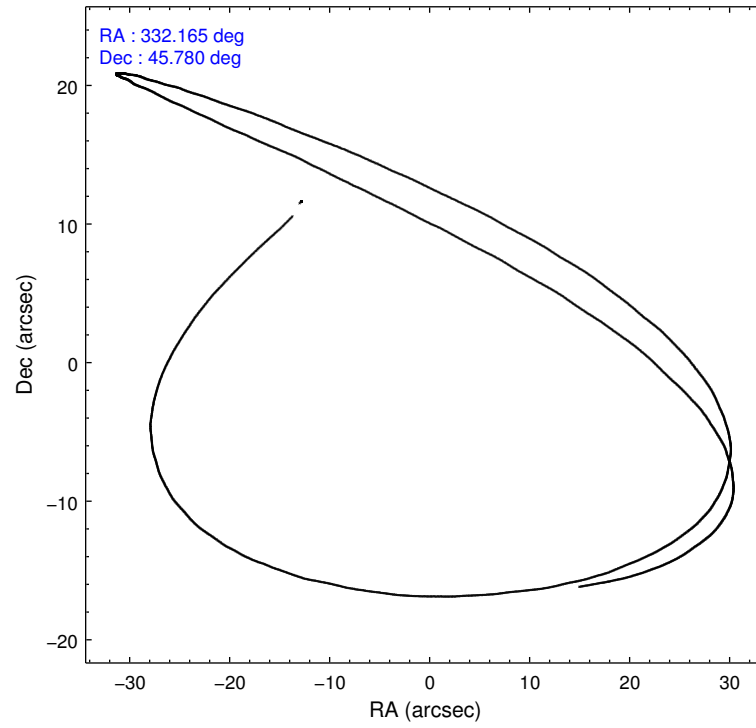
Level 1 Events

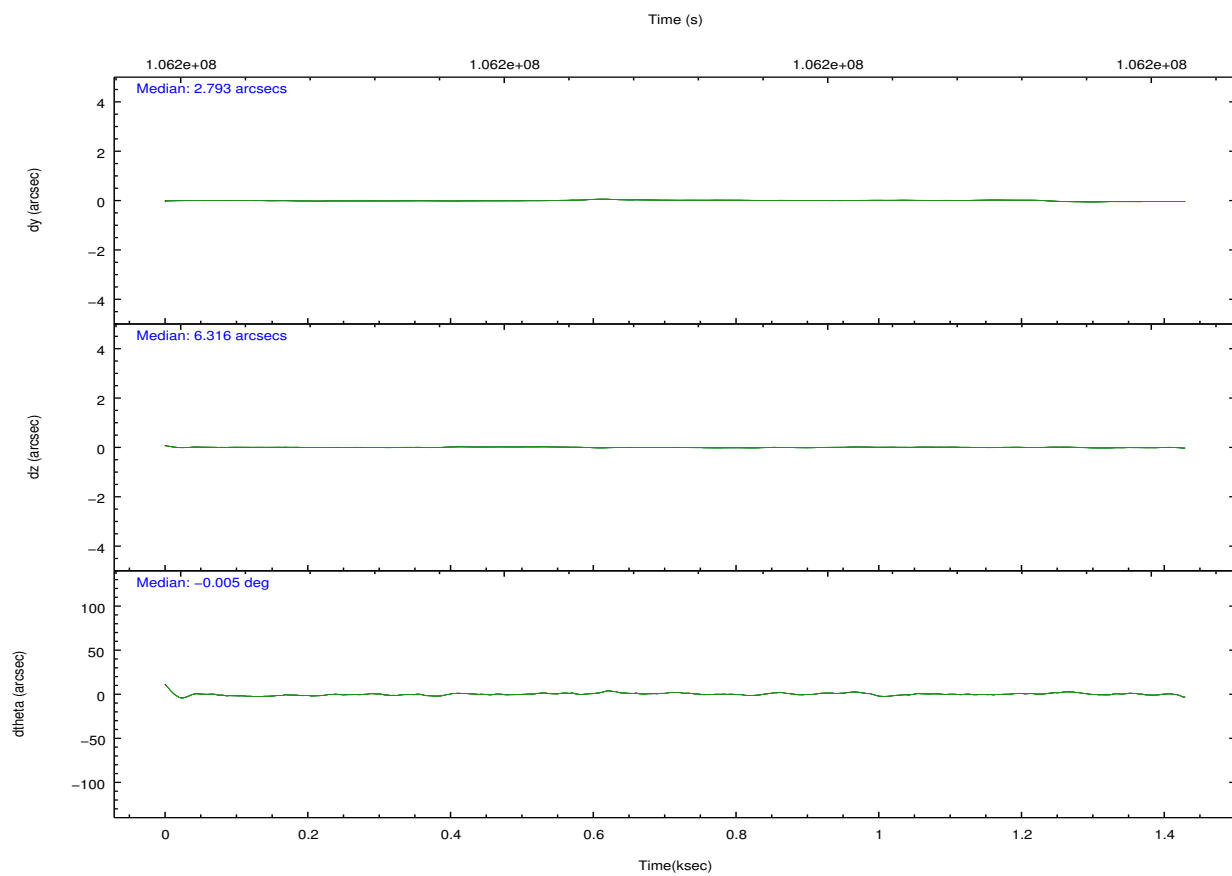
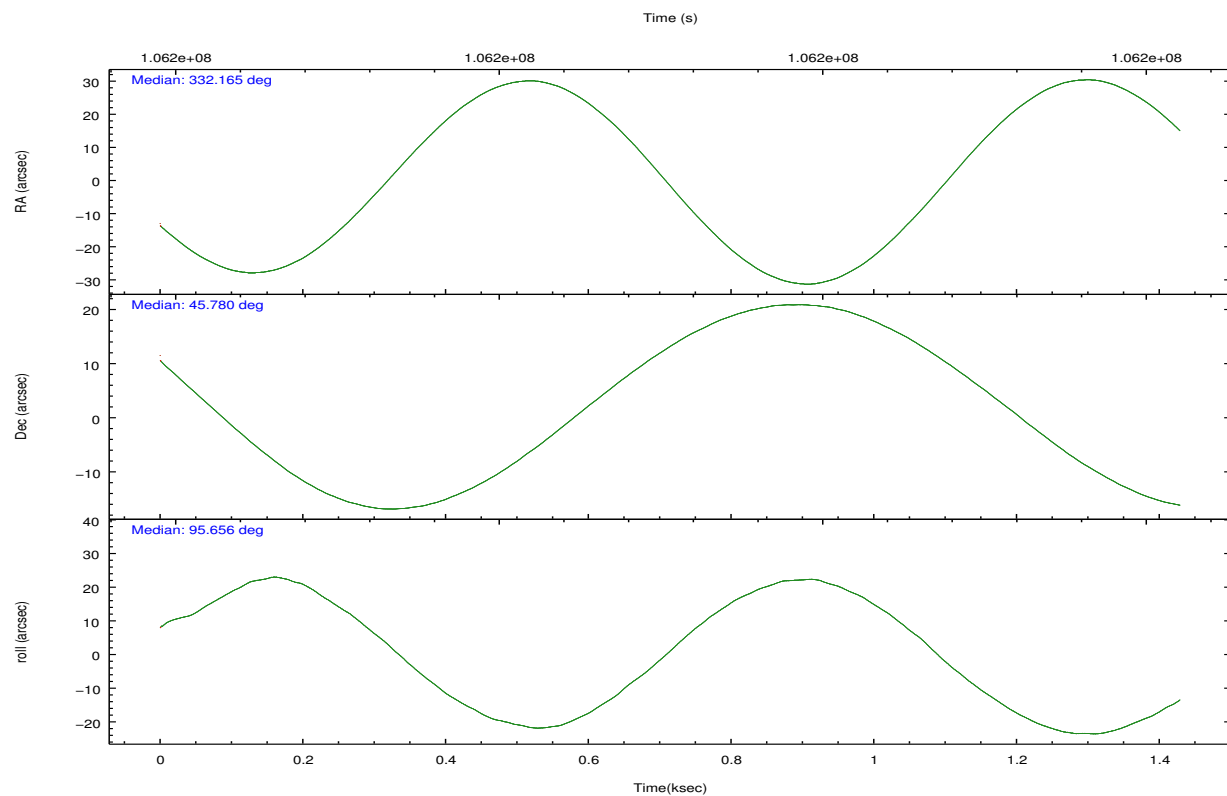
	segment 1	segment 2	segment 3
level 1 events	1059	84103	1118
rejected events	1059	15936	1118
rejected %	100%	18%	100%

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	332.190400	332.1649636839605			
[deg] Pointing Dec	45.757763	45.77968224960487			
[deg] Pointing Roll	95.577620	95.66318275784137			
[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)	106195243.184000	106194866.83296			
Observation start date	2001-05-14T02:39:39	2001-05-14T02:34:26			
[s] Observation end time (MET)	106196477.184000	106196610.87052			
Observation end date	2001-05-14T03:00:13	2001-05-14T03:03:30			

2.3 Aspect



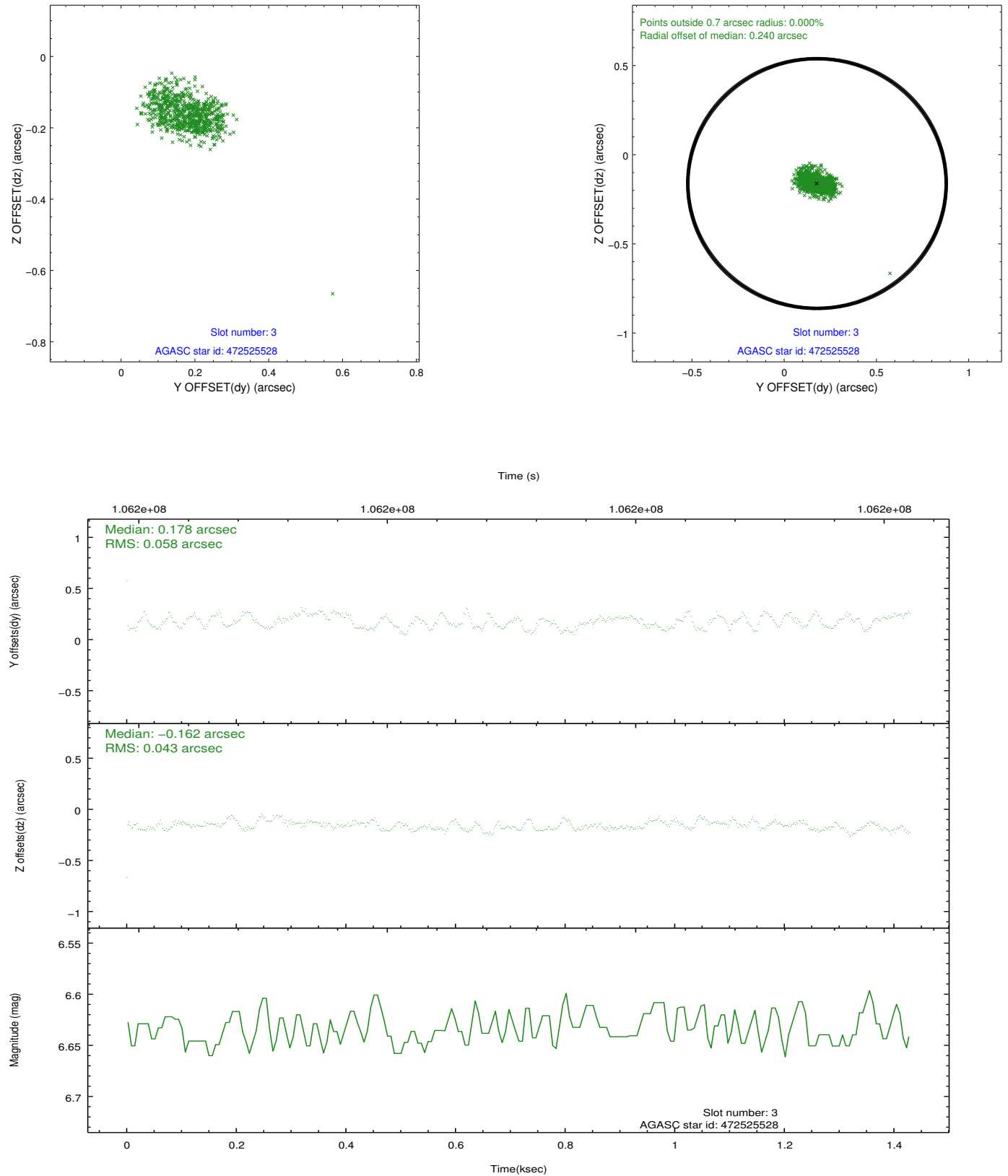


Slot Statistics

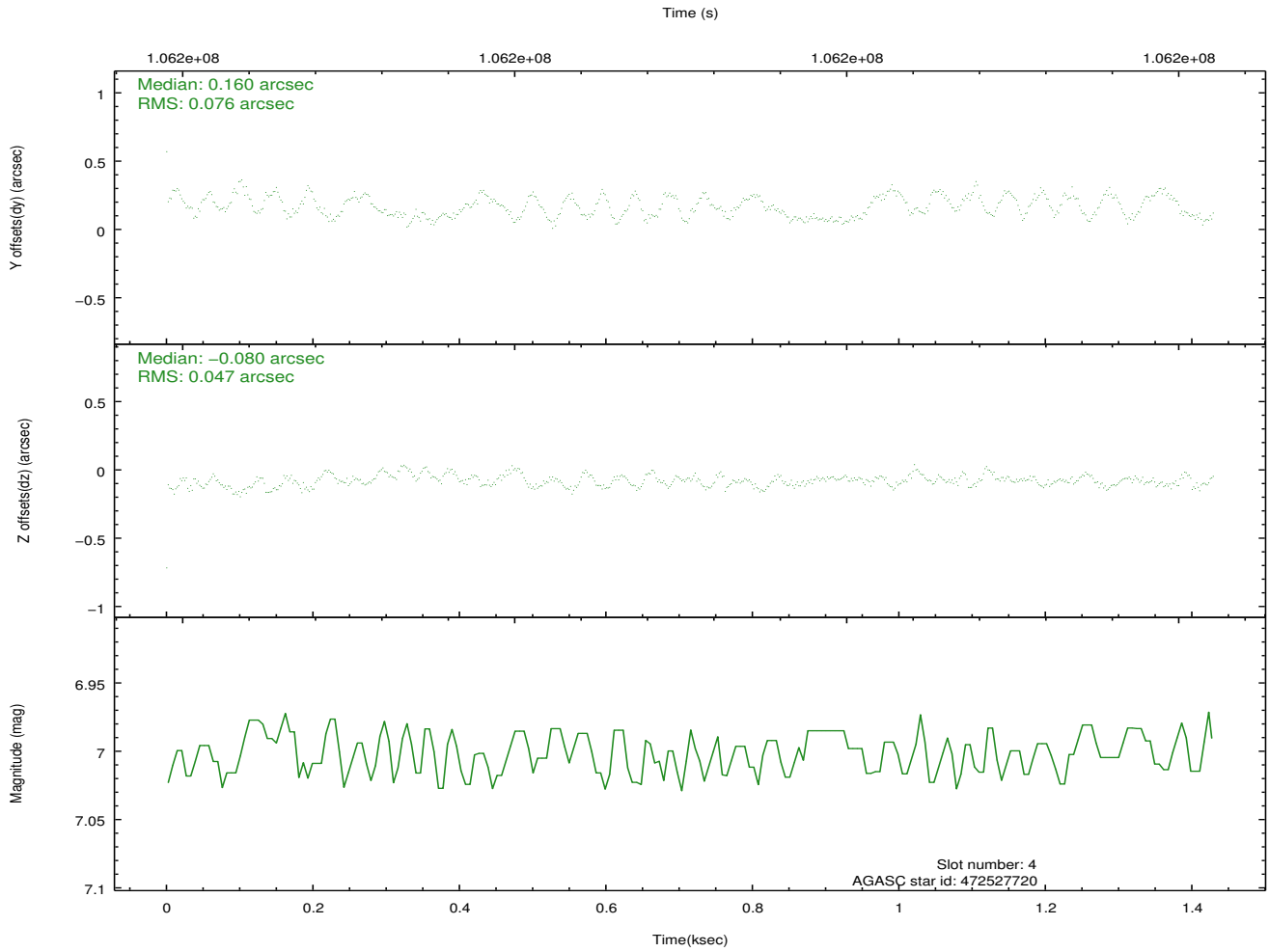
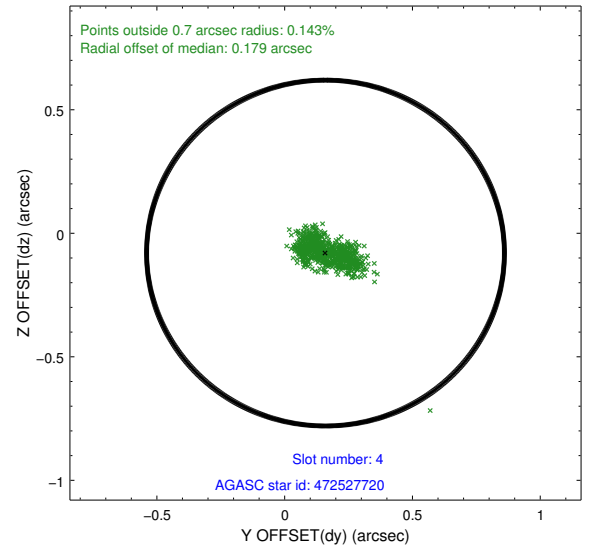
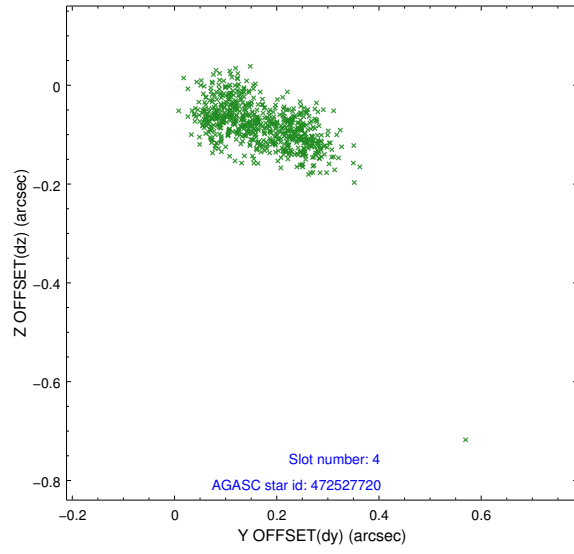
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	349	0.109	-0.115	0.006	0.010	0.000000	0.000000	-1156.83	-454.88
1	FID	HRC-S-3	7.00	349	0.148	-0.091	0.008	0.013	0.000000	0.000000	-1162.87	573.37
2	FID	HRC-S-4	6.93	349	0.131	-0.091	0.005	0.009	0.000000	0.000000	1238.08	578.96
3	GUIDE	472525528	6.64	698	0.178	-0.162	0.075	0.112	331.551102	45.248694	-1658.51	1789.23
4	GUIDE	472527720	7.00	698	0.160	-0.080	0.092	0.140	331.460205	45.112509	-2124.11	2073.01
5	GUIDE	472535576	7.85	698	-0.163	-0.114	0.046	0.073	331.438373	46.291802	2102.31	1676.77
6	GUIDE	472665256	9.00	698	-0.103	0.240	0.071	0.116	332.808125	46.195041	1427.90	-1683.37
7	GUIDE	472659832	9.46	696	-0.067	0.121	0.088	0.141	332.780399	46.098139	1085.68	-1588.19

2.4 Star Slots

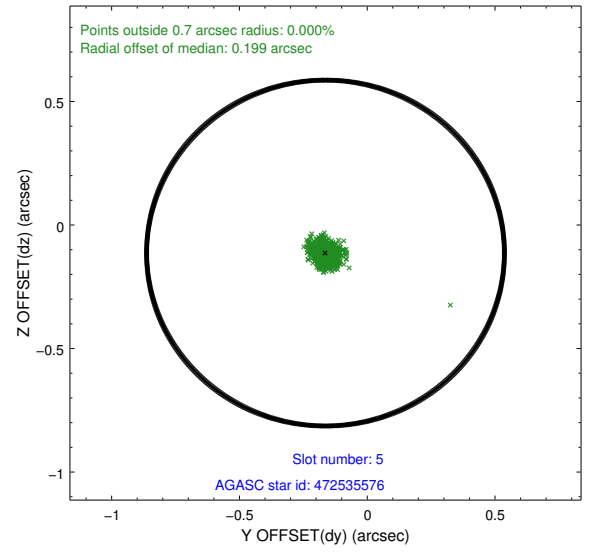
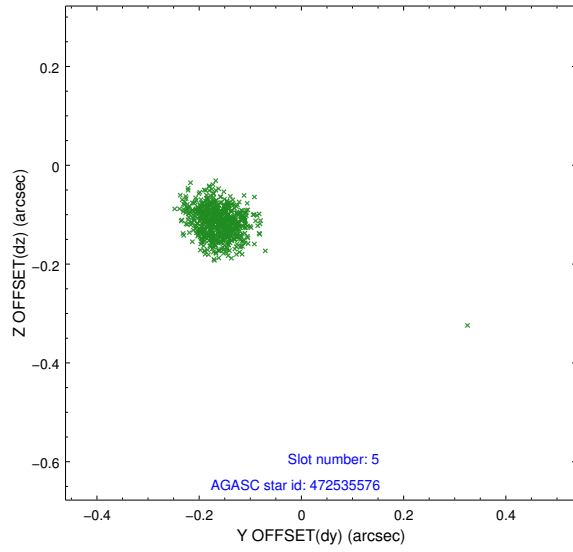
2.4.1 Slot 3



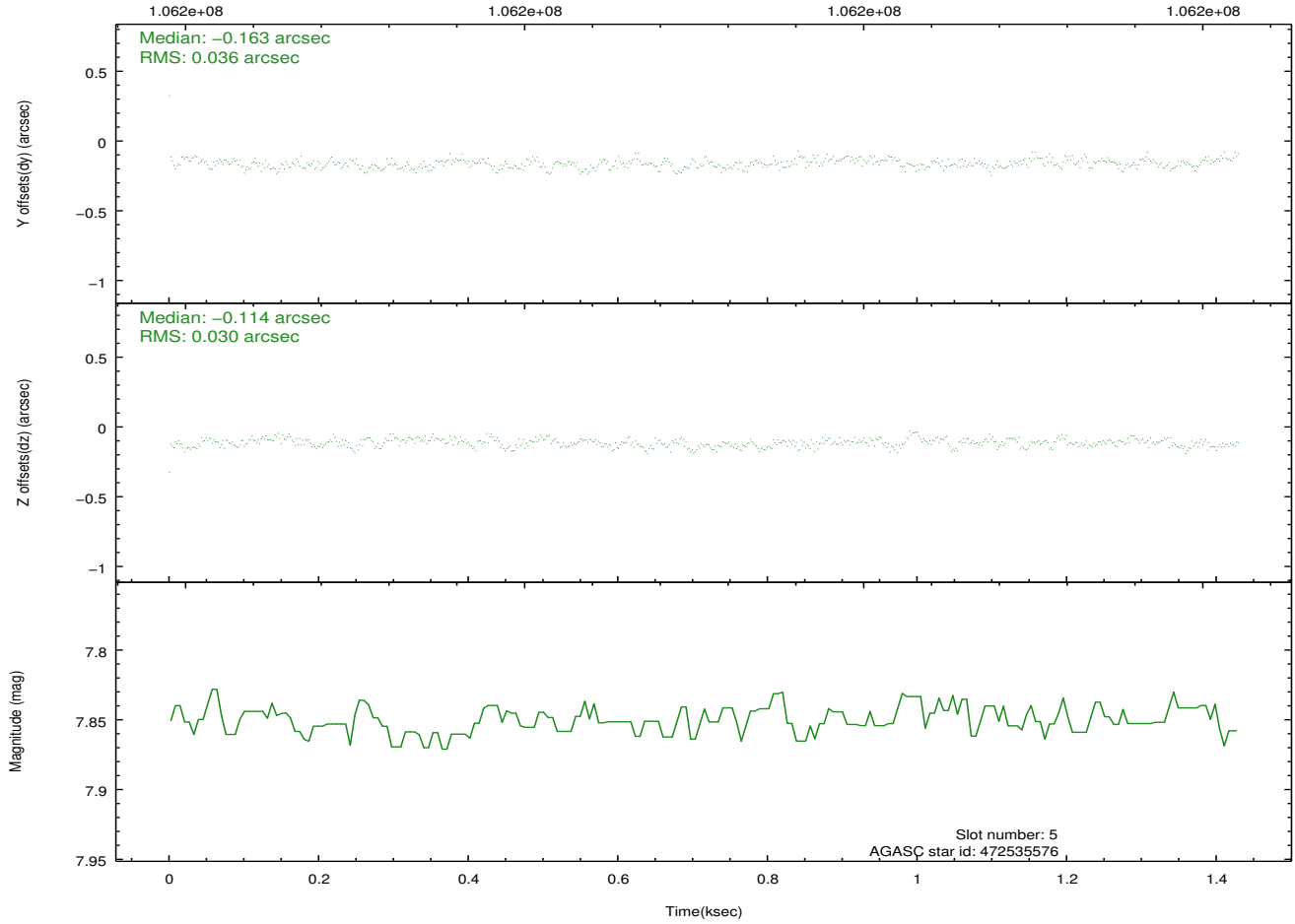
2.4.2 Slot 4



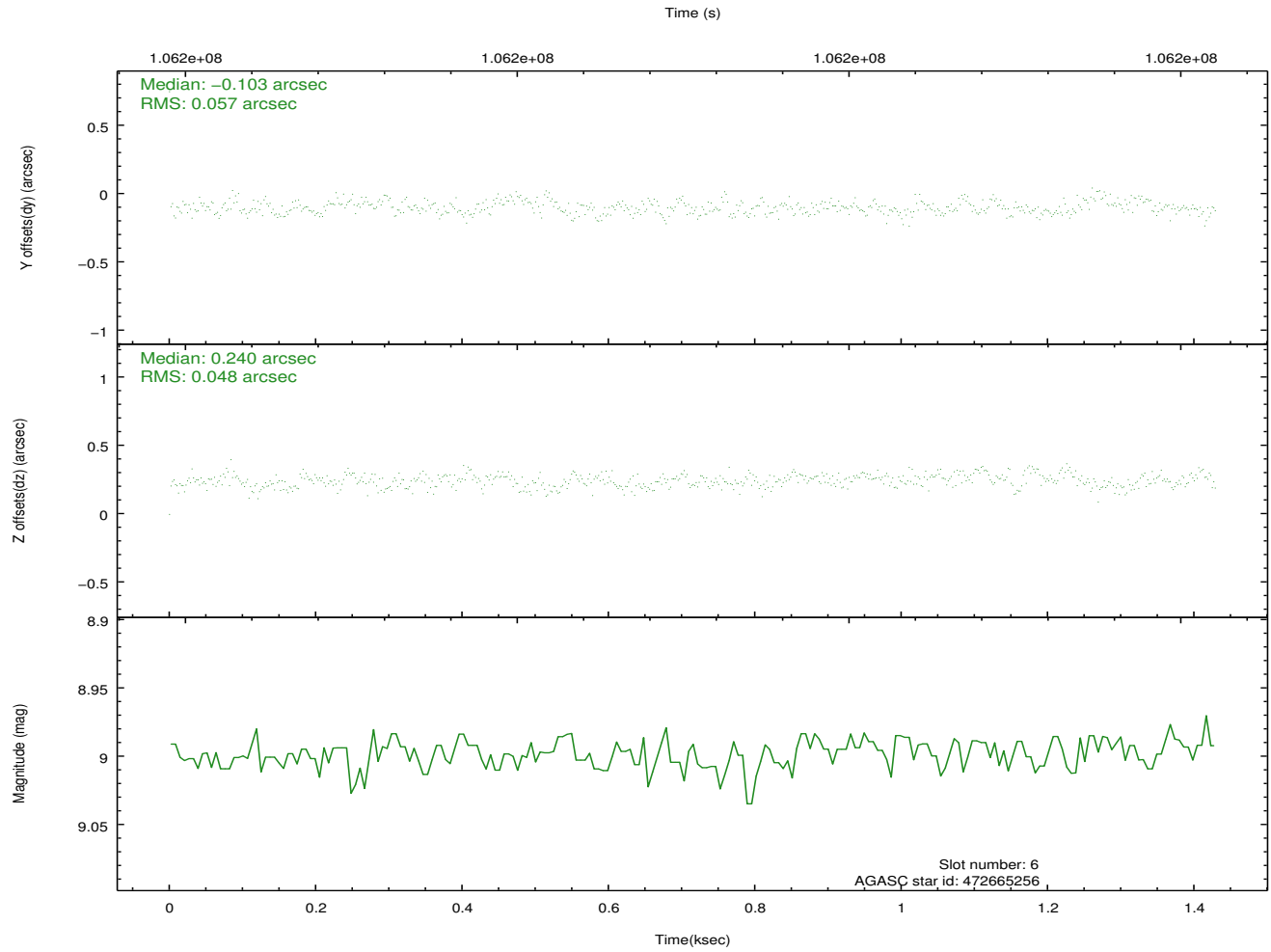
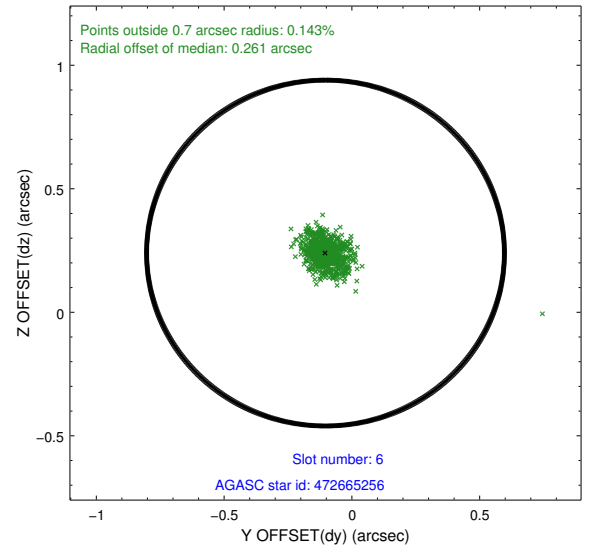
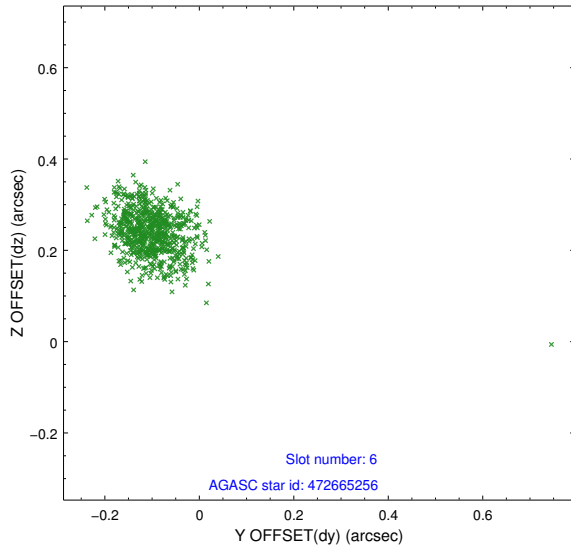
2.4.3 Slot 5



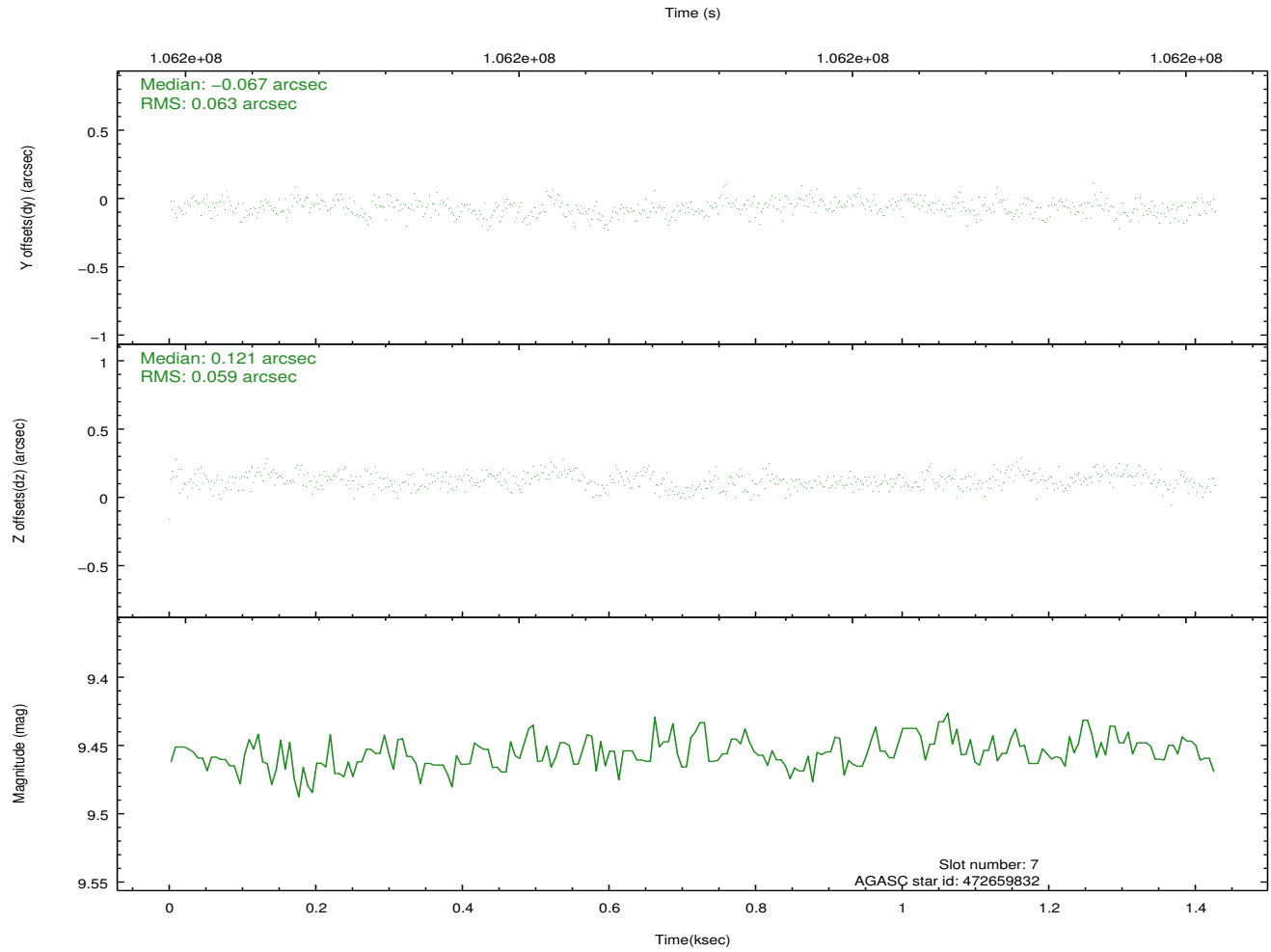
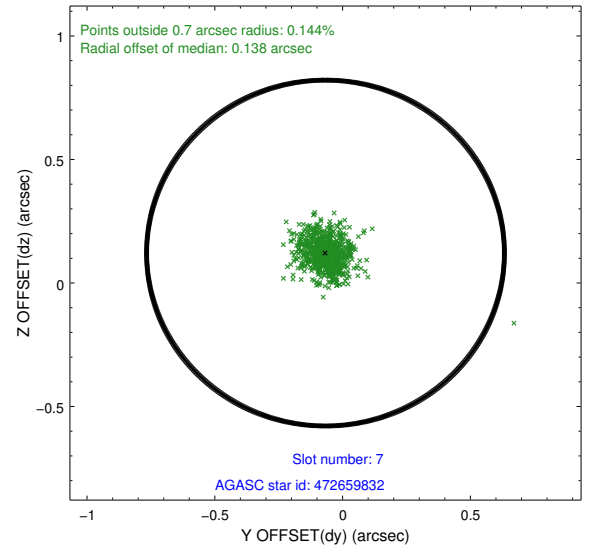
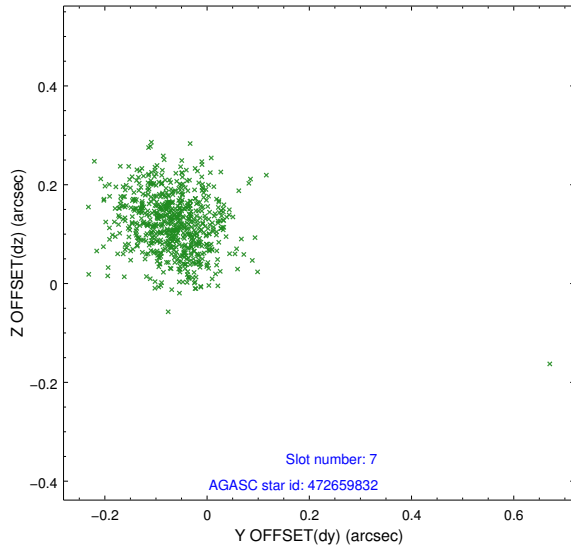
Time (s)



2.4.4 Slot 6

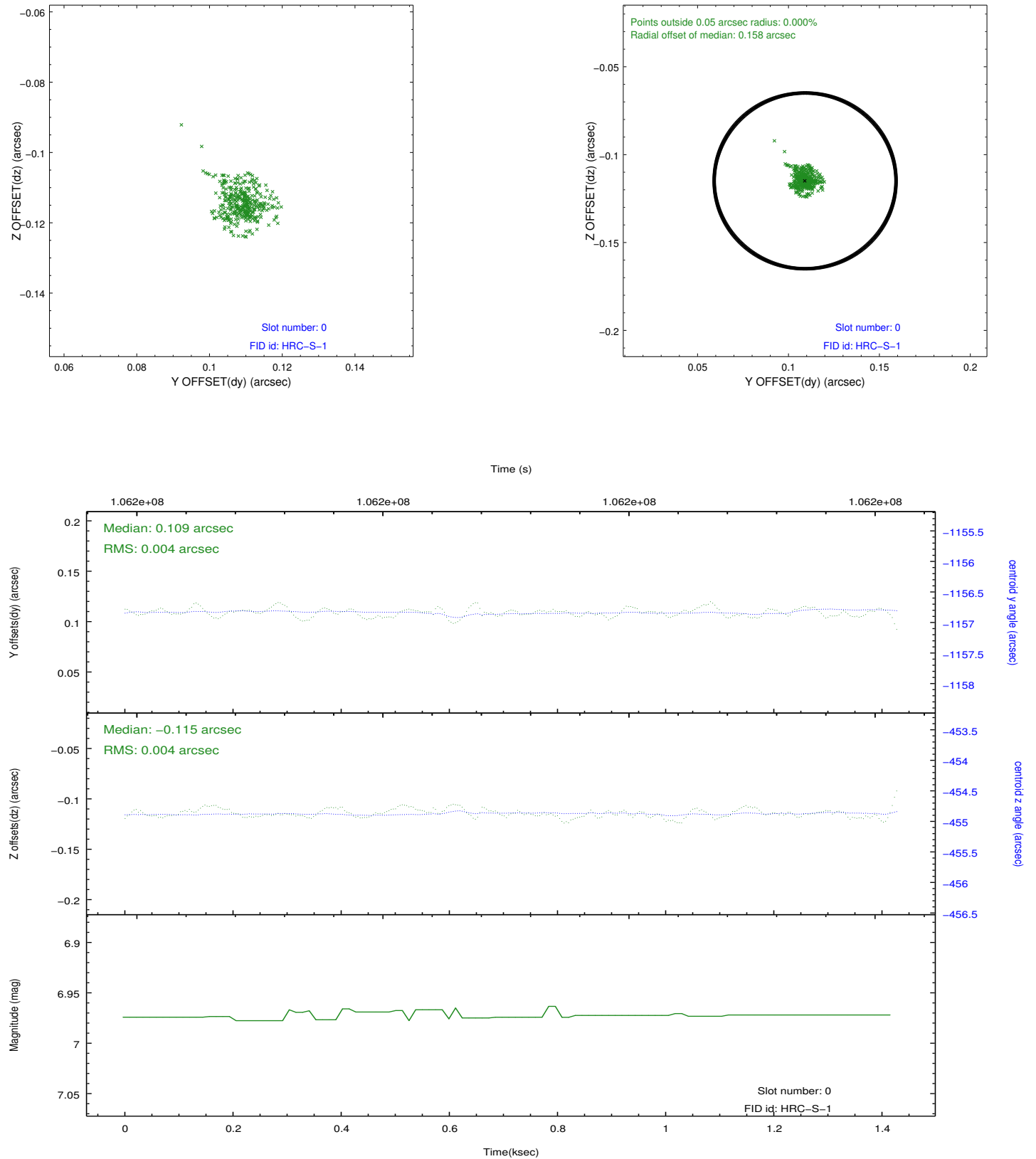


2.4.5 Slot 7

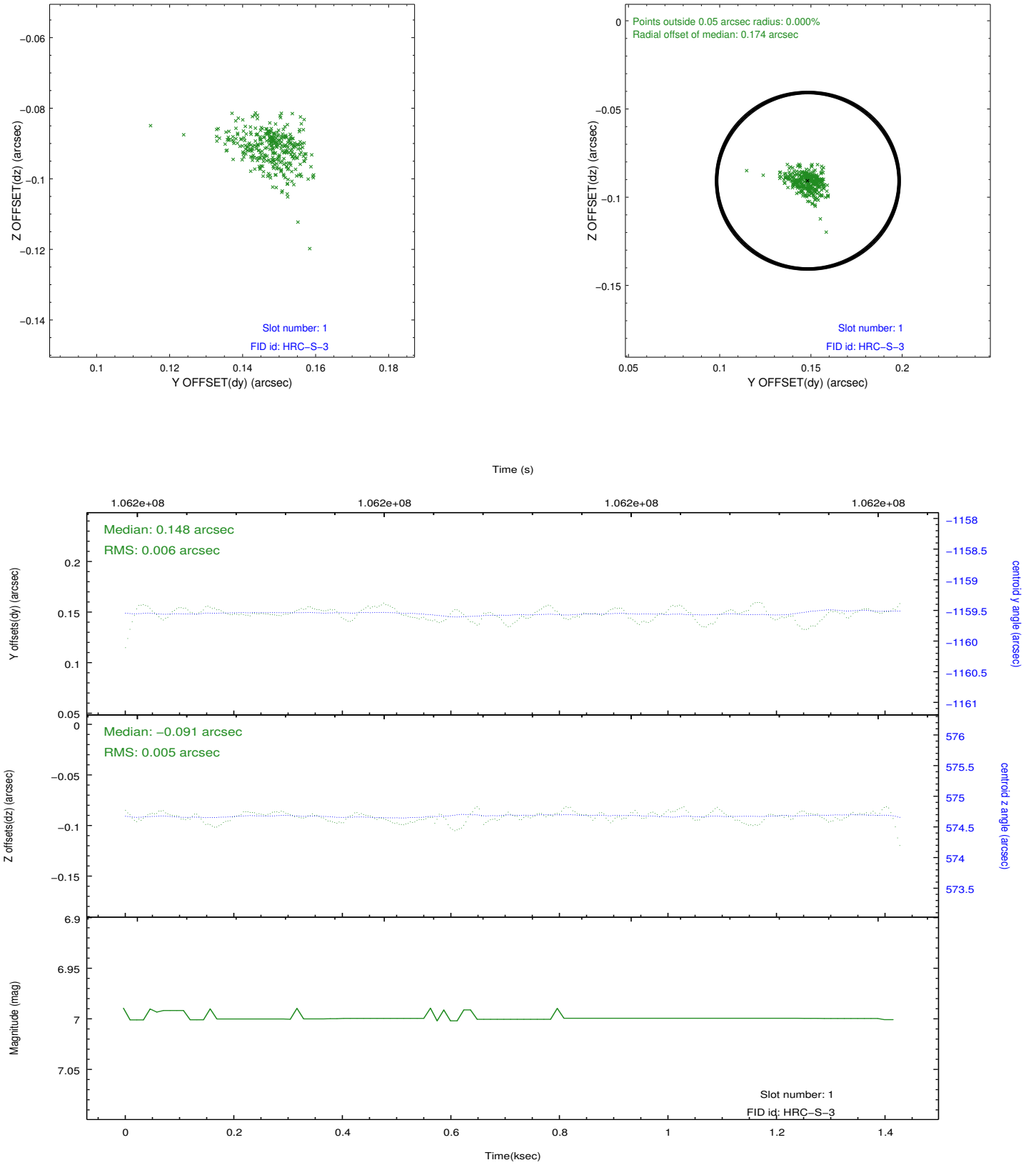


2.5 FID Slots

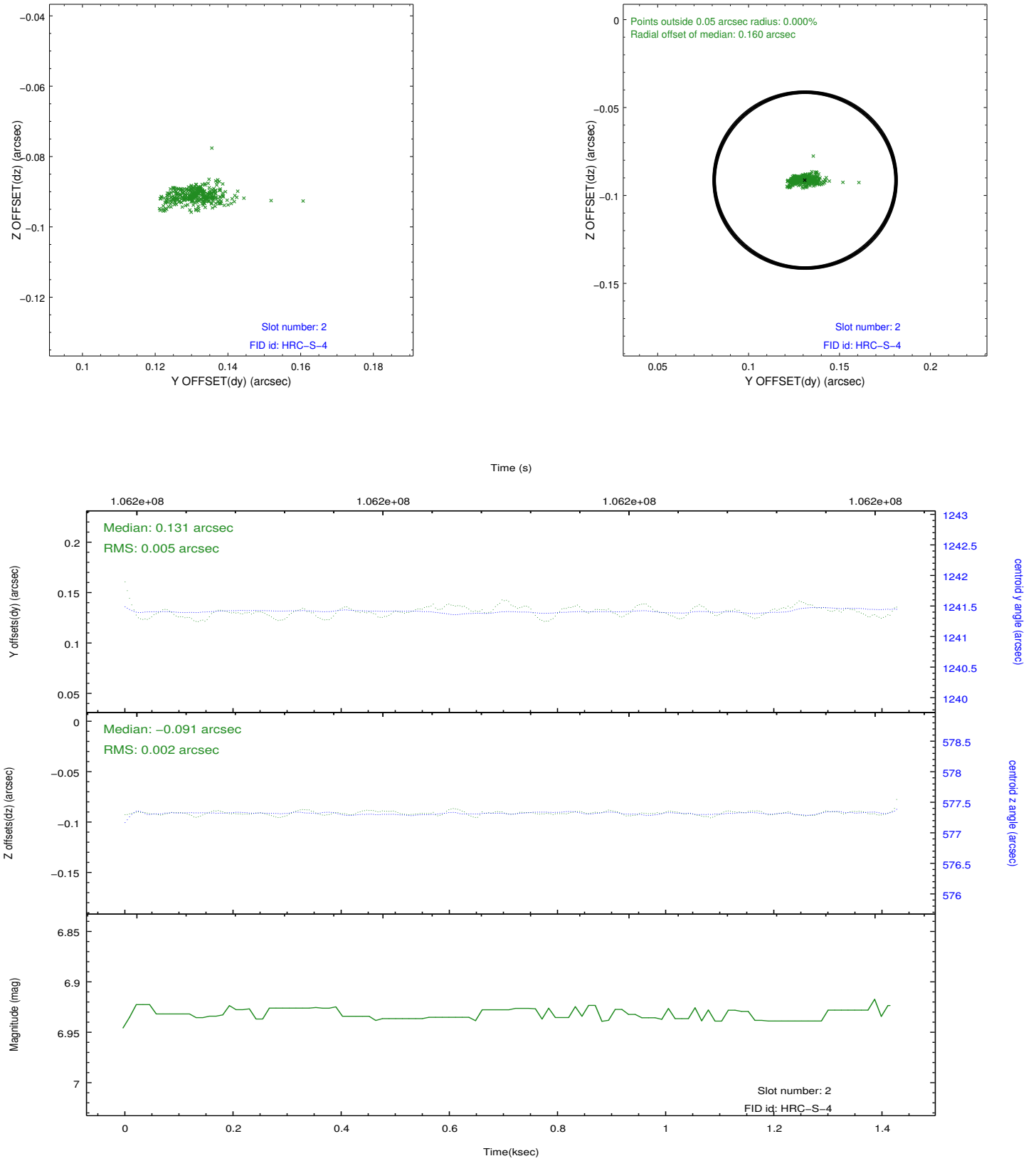
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.428

A.2 Comments

Charge time for this ObsId remains at previous value of 1.428 ks although with the current processing the charge time would have been 1.38 ksec.