

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8533 - L2 Version 4
Chandra X-Ray Center

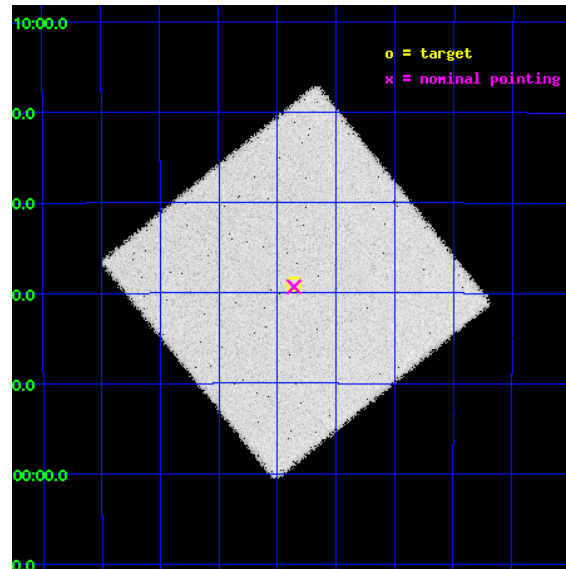
L2 Processing Date : Aug 11 2012

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1 Front

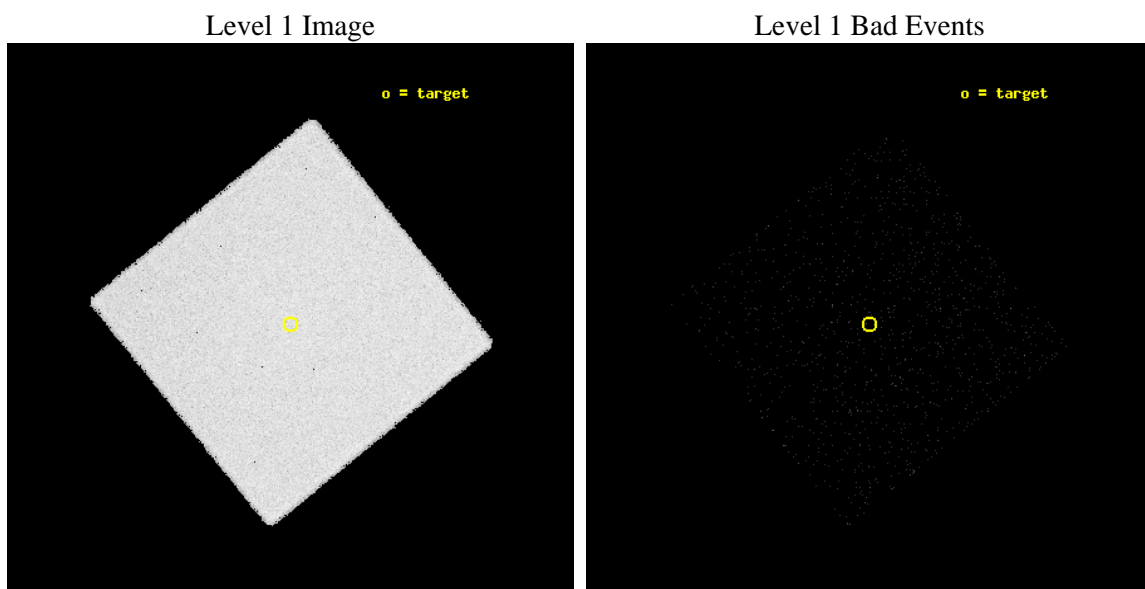
seq_num	400684	Sequence number
obs_id	8533	Observation id
title	Monitoring Observations of the Galactic Center Region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-4	Source name
ra_targ	266.21625	Observer's specified target RA [deg]
dec_targ	-28.651417	Observer's specified target Dec [deg]
ra_nom	266.21507588579	Nominal RA [deg]
dec_nom	-28.655332811295	Nominal Dec [deg]
roll_nom	276.01806911809	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5179.5814984441	[s]
livetime	5127.8028672496	Ontime multiplied by DTCOR
l2events	295628	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5179.5814984441	[s]
caldbver	4.5.1.1	 	l1events	465642	Number of level 1 events
date	2012-08-11T23:51:16	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

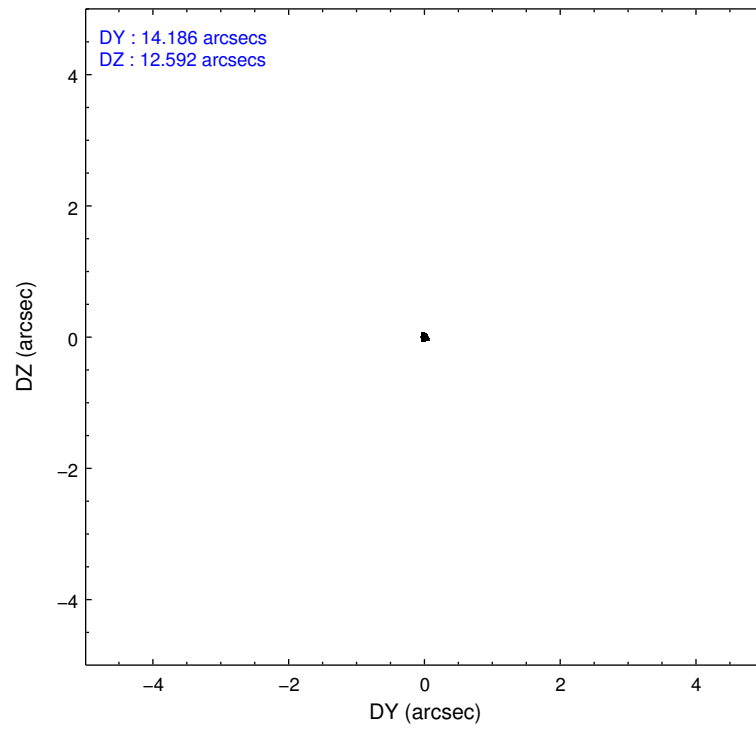
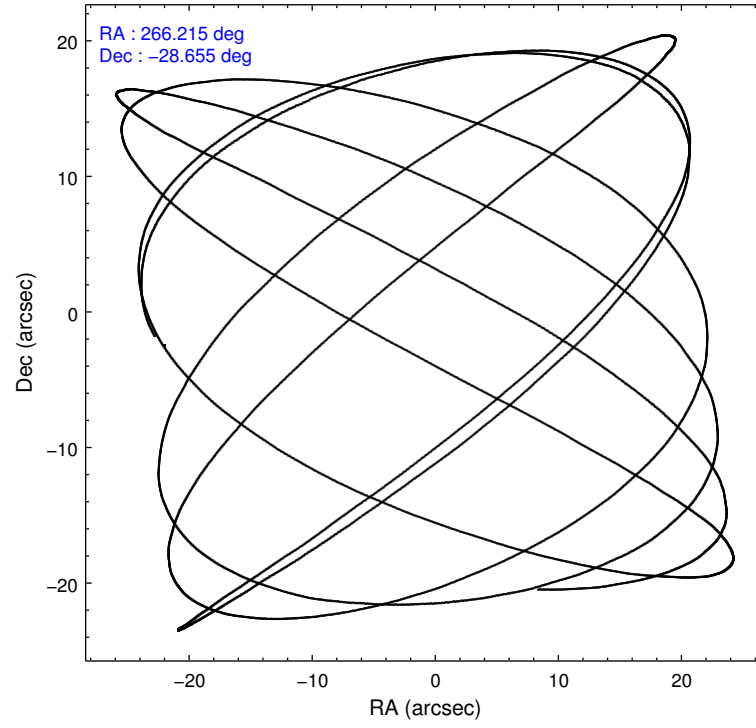
Level 1 Events

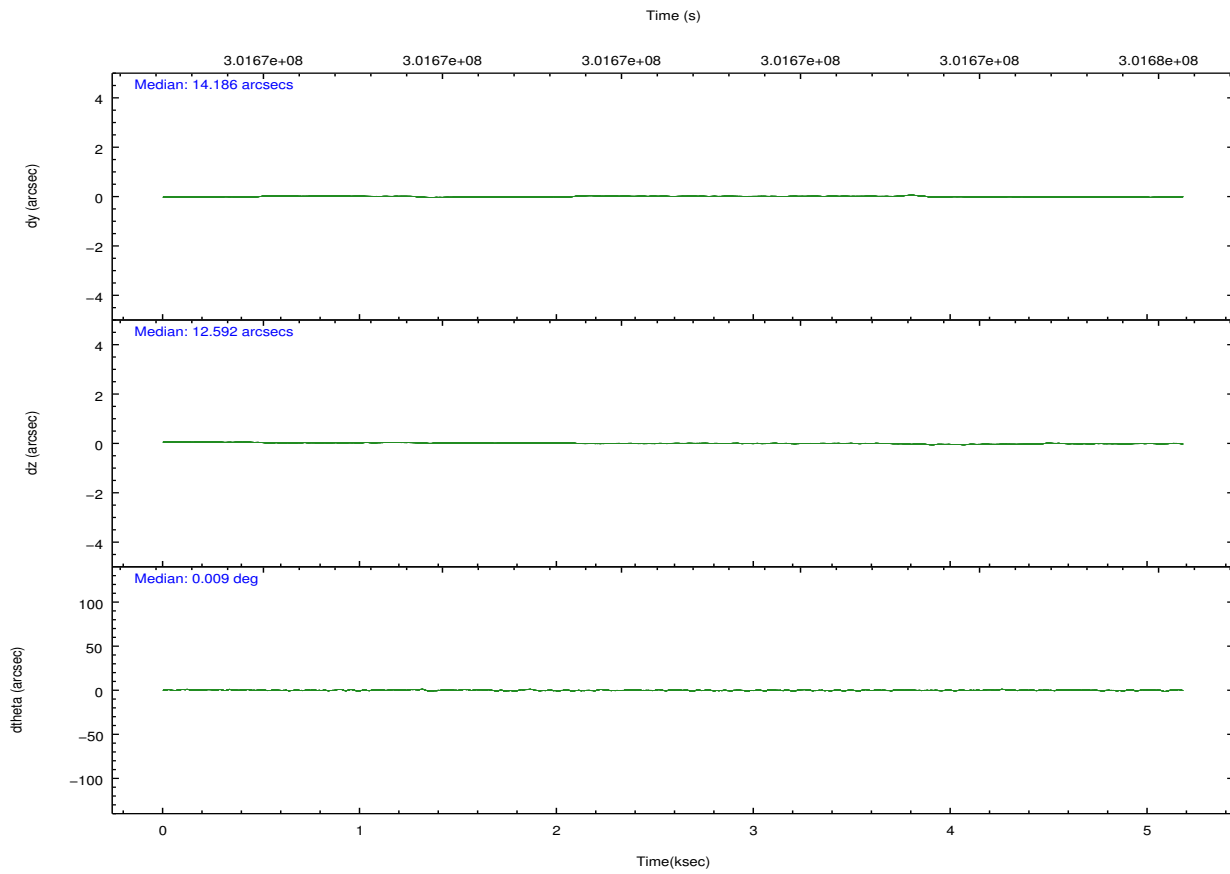
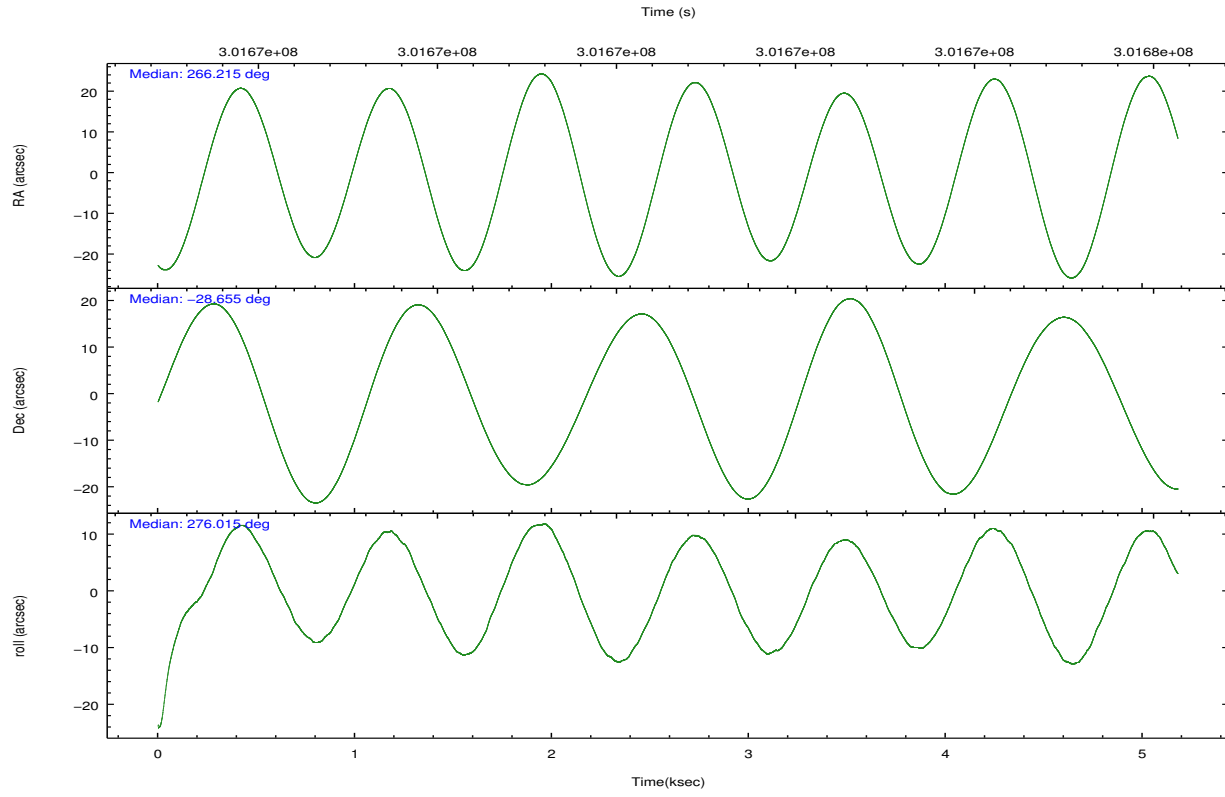
	segment 0
level 1 events	465642
rejected events	27923
rejected %	5%

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	266.196155	266.2150758857875			
[deg] Pointing Dec	-28.633867	-28.65533281129512			
[deg] Pointing Roll	276.104477	276.0180691180898			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	301669878.184000	301669502.24726			
Observation start date	2007-07-24T13:10:13	2007-07-24T13:05:02			
[s] Observation end time (MET)	301674878.184000	301675012.13503			
Observation end date	2007-07-24T14:33:33	2007-07-24T14:36:52			

2.3 Aspect



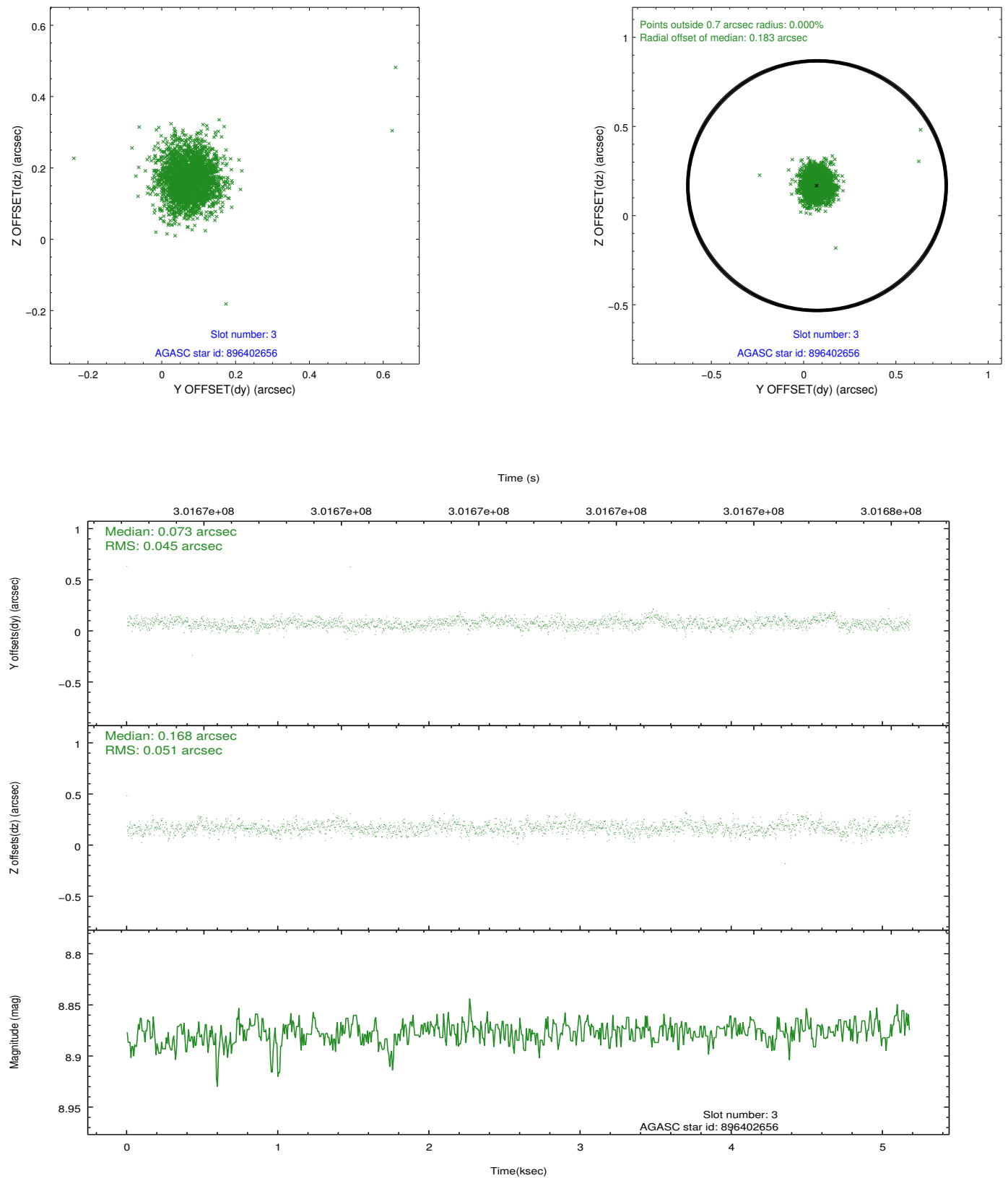


Slot Statistics

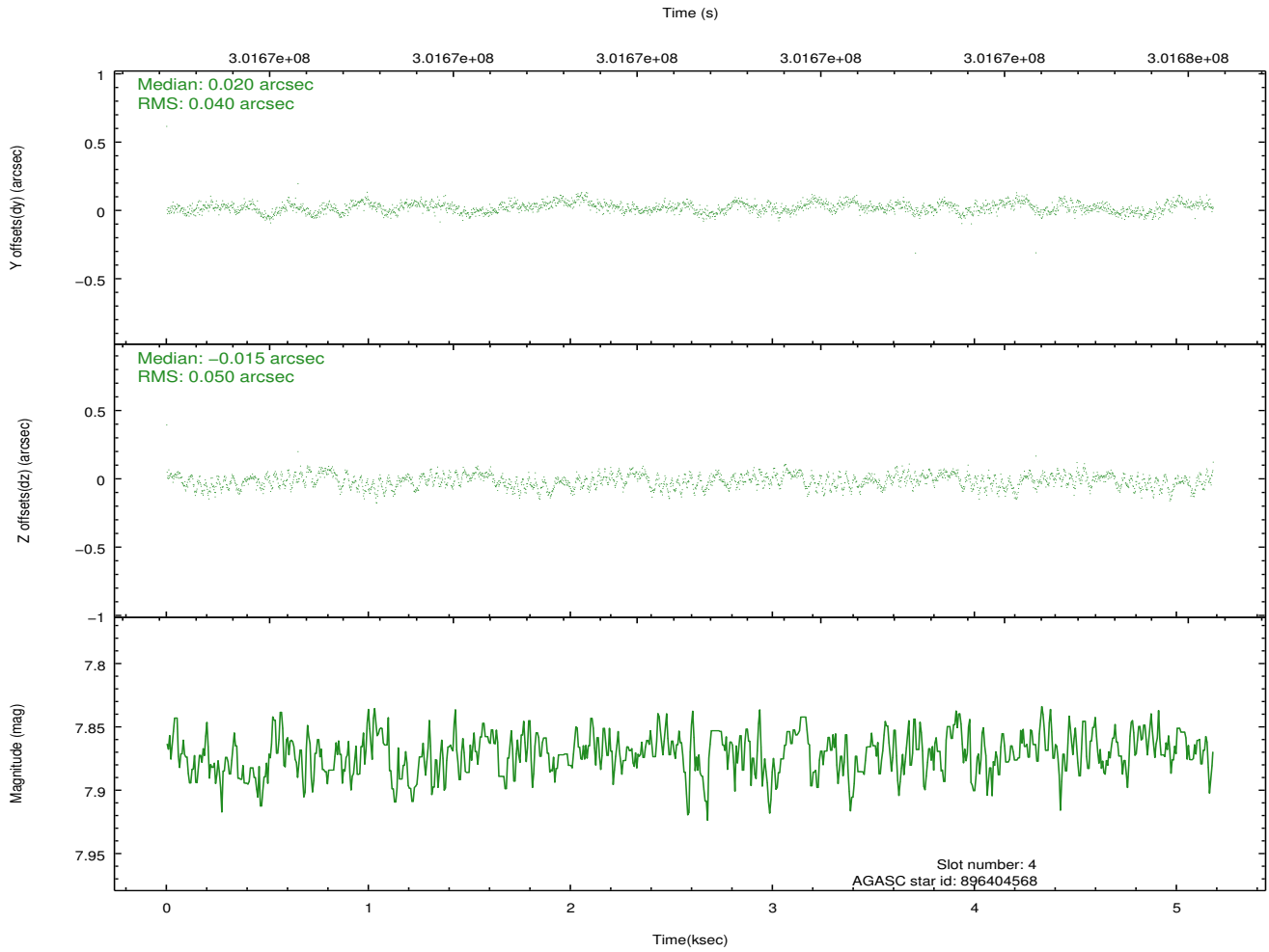
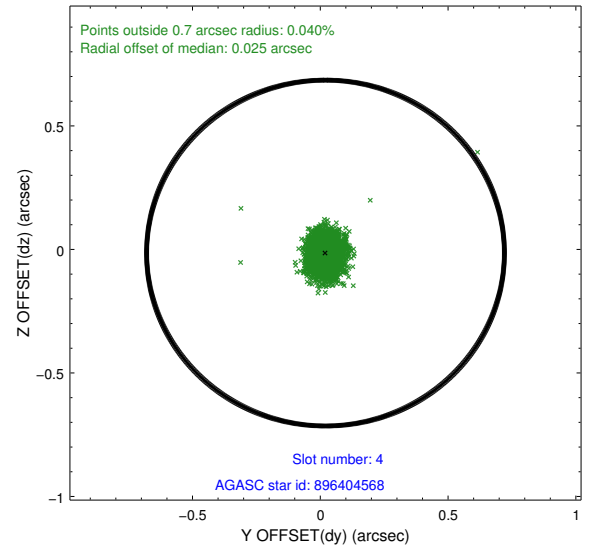
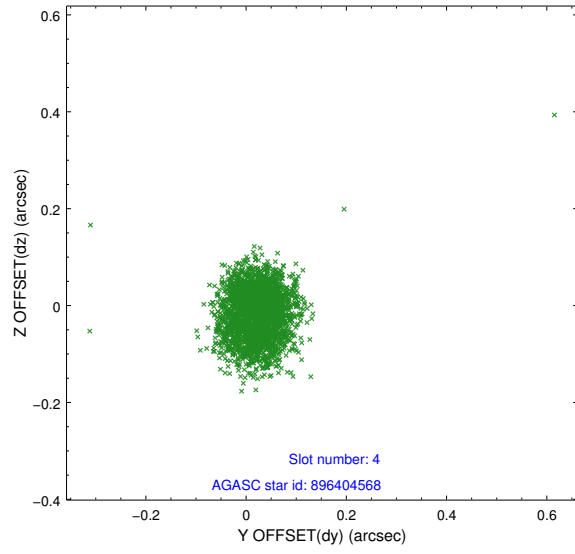
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	1264	-0.057	0.026	0.007	0.011	0.000000	0.000000	-770.03	-1300.63
1	FID	HRC-I-2	7.01	1264	0.236	-0.155	0.007	0.012	0.000000	0.000000	842.29	-1303.42
2	FID	HRC-I-3	7.07	1264	-0.060	0.040	0.006	0.011	0.000000	0.000000	-1197.84	1002.92
3	GUIDE	896402656	8.88	2524	0.073	0.168	0.069	0.113	265.739192	-28.230753	-1593.31	-1287.36
4	GUIDE	896404568	7.87	2528	0.020	-0.015	0.067	0.104	265.687293	-28.431080	-893.43	-1525.41
5	GUIDE	896537176	8.02	2528	0.034	-0.061	0.065	0.106	266.498272	-28.678259	262.15	930.74
6	GUIDE	896538696	6.79	2527	-0.131	-0.101	0.051	0.084	266.298470	-28.325572	-1068.07	440.34
7	GUIDE	896540808	7.50	2527	0.001	0.004	0.055	0.088	265.985401	-29.308604	2346.08	-916.26

2.4 Star Slots

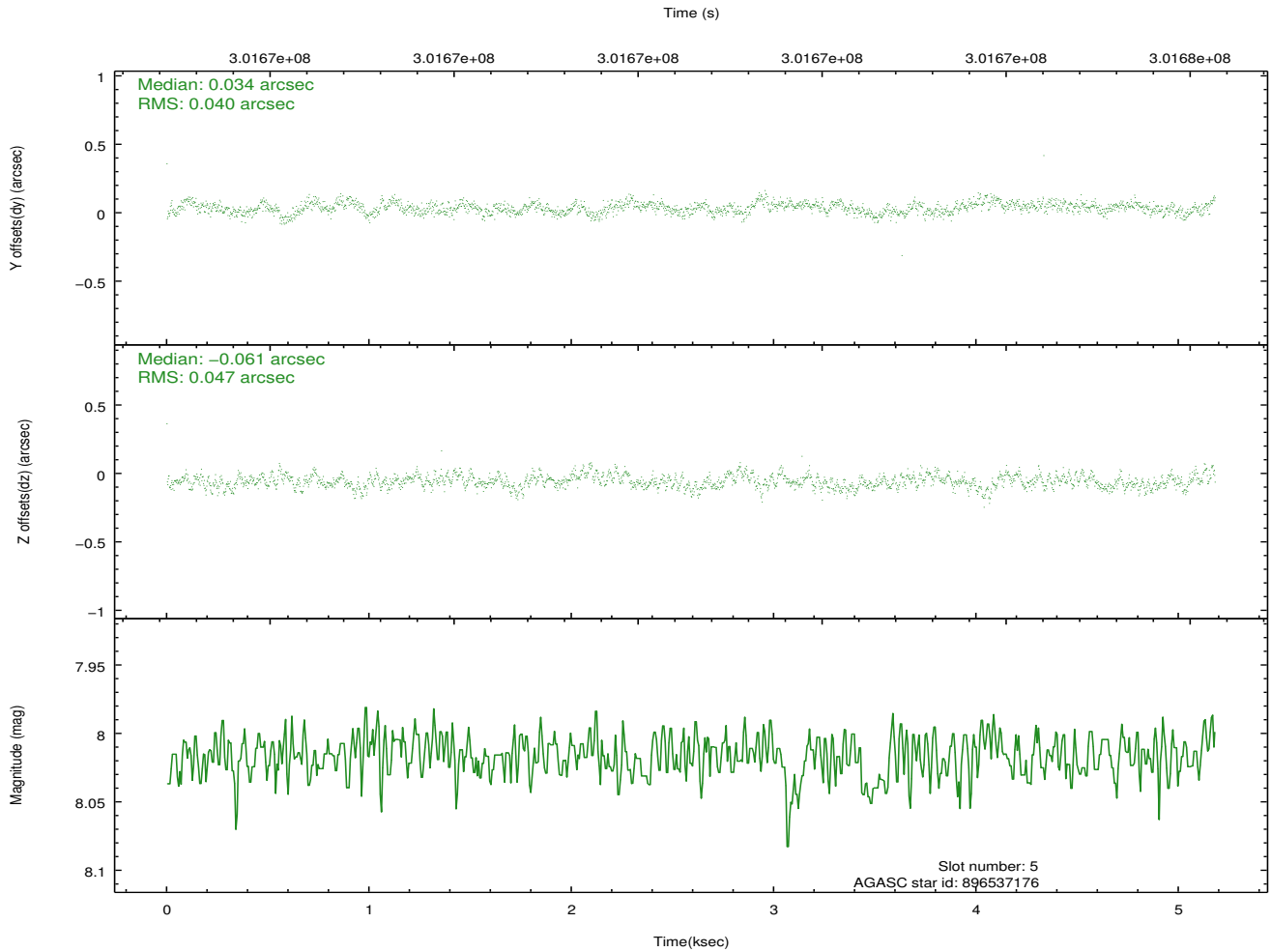
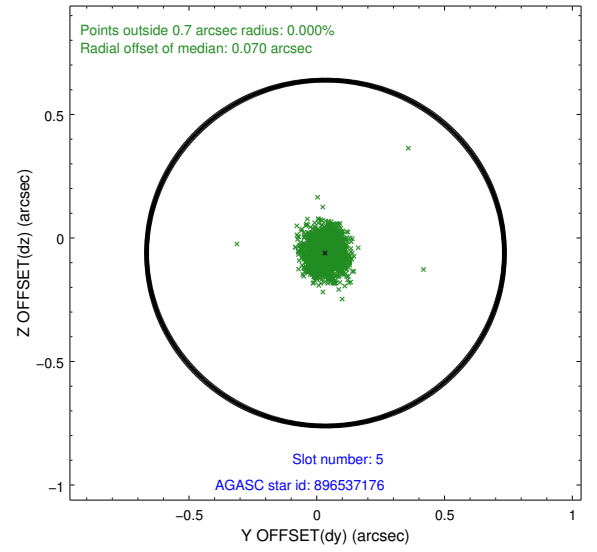
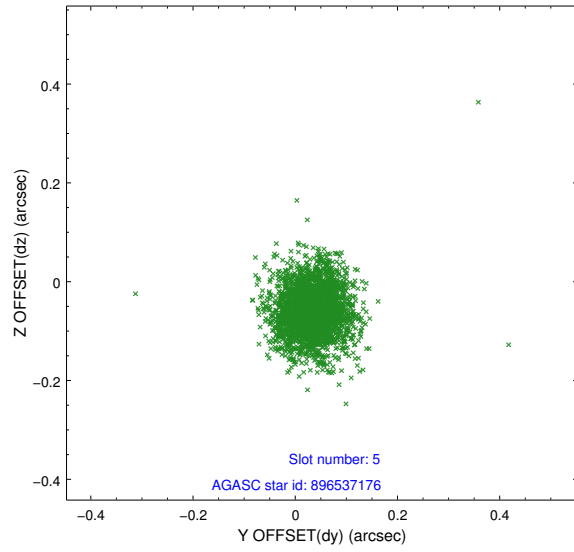
2.4.1 Slot 3



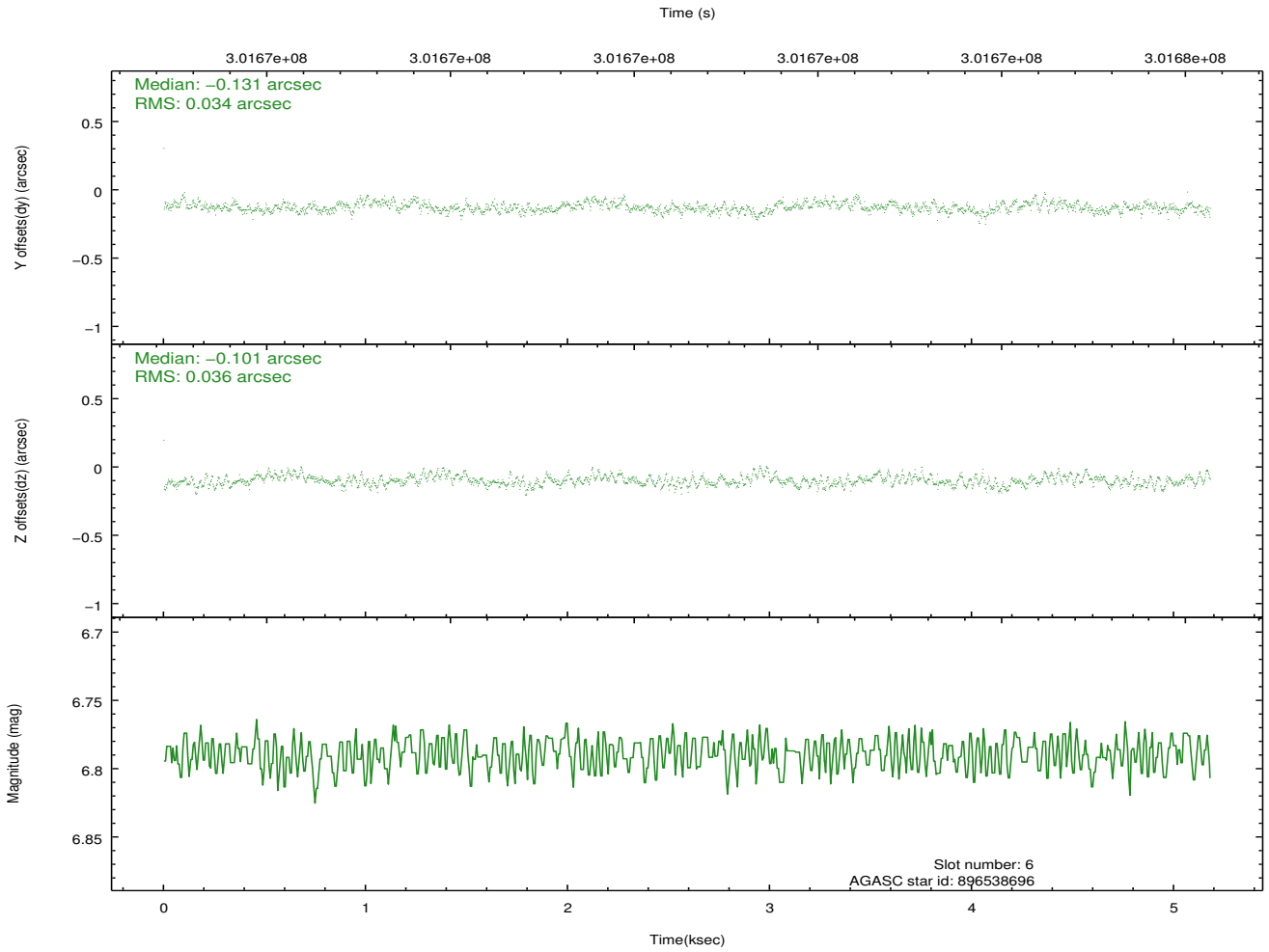
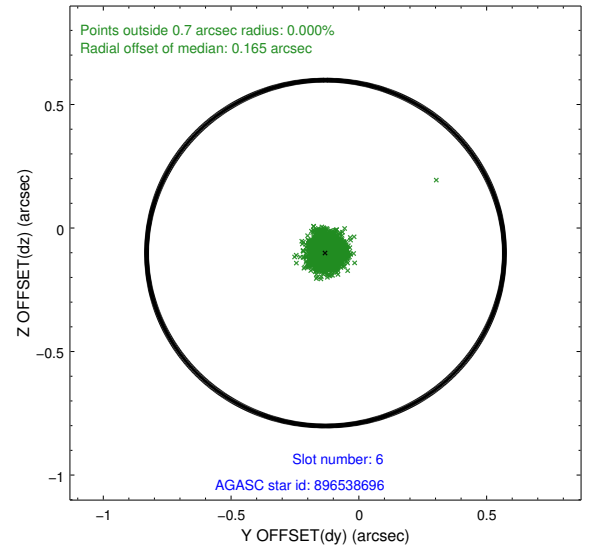
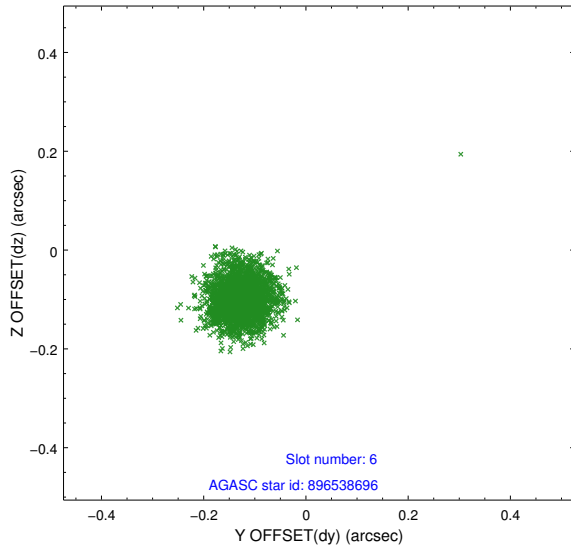
2.4.2 Slot 4



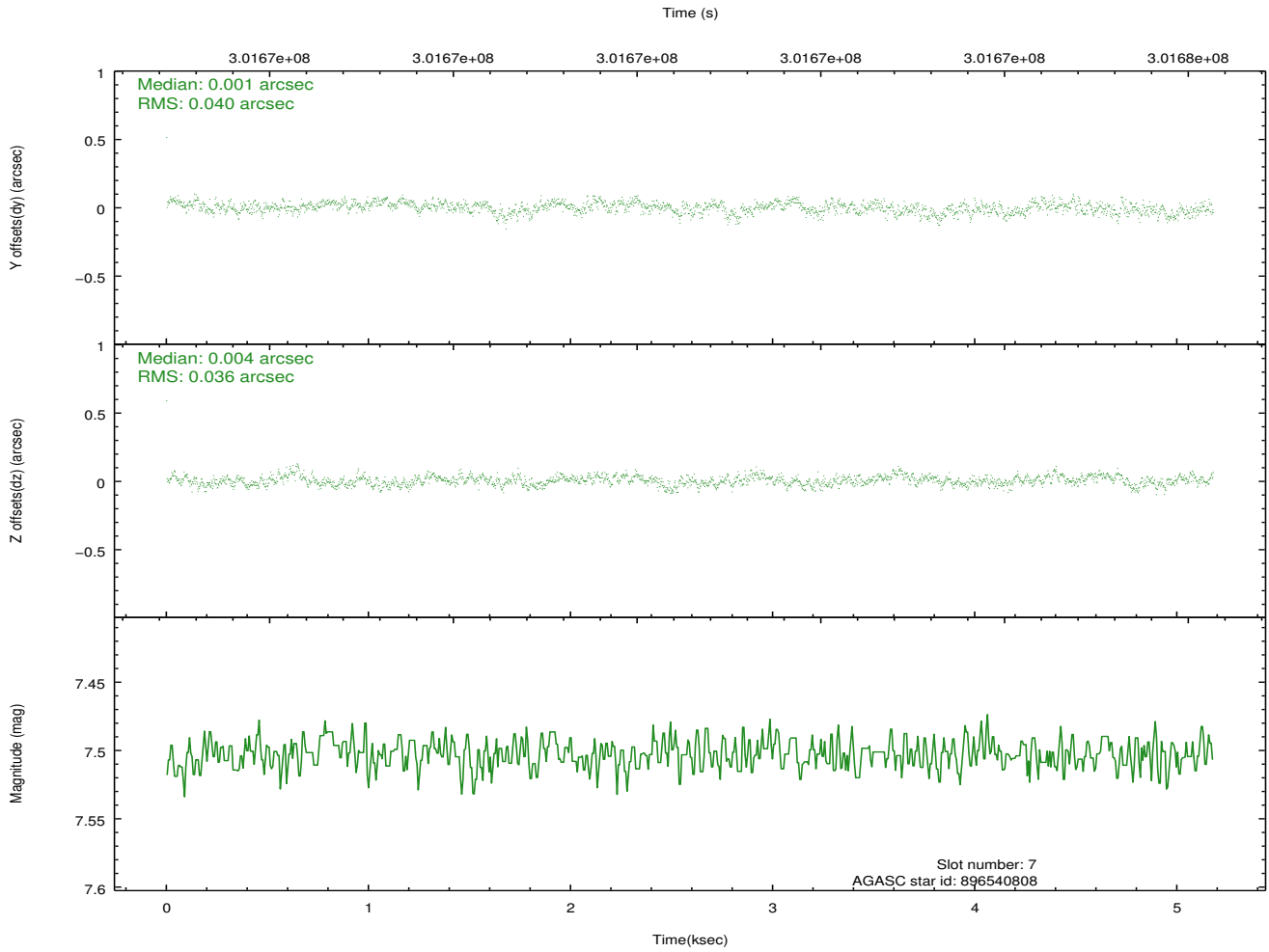
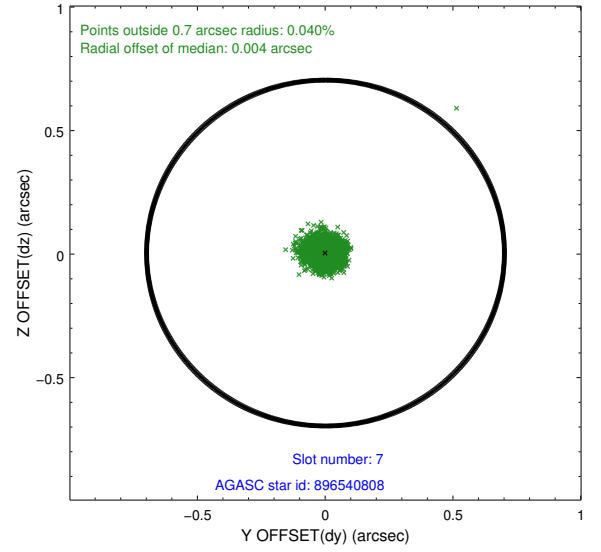
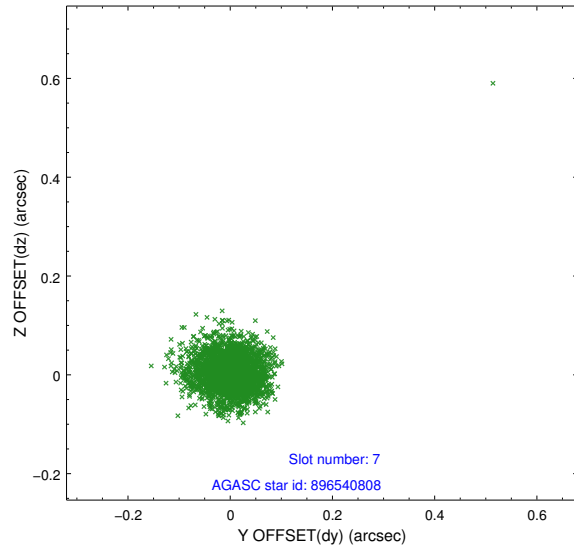
2.4.3 Slot 5



2.4.4 Slot 6

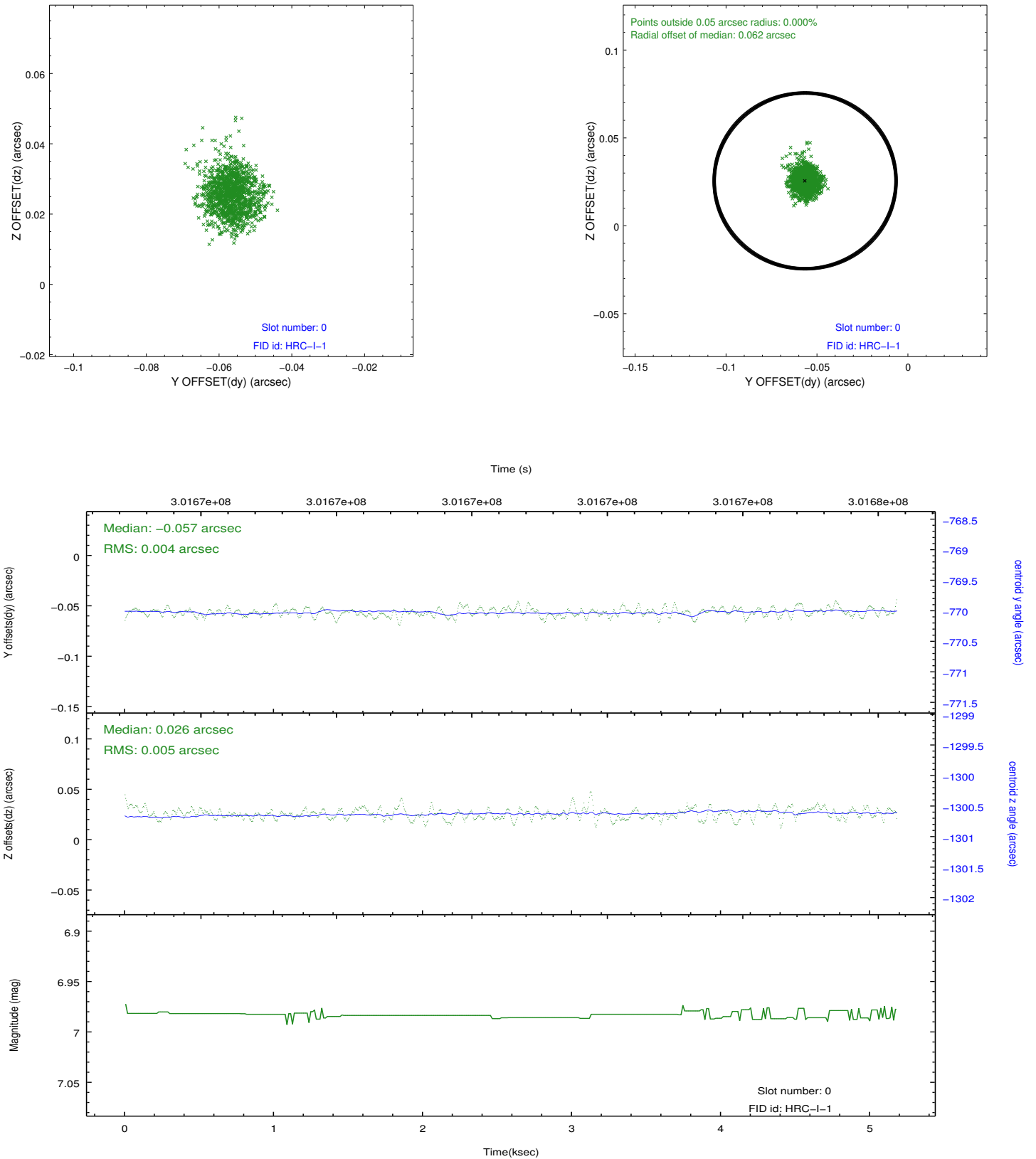


2.4.5 Slot 7

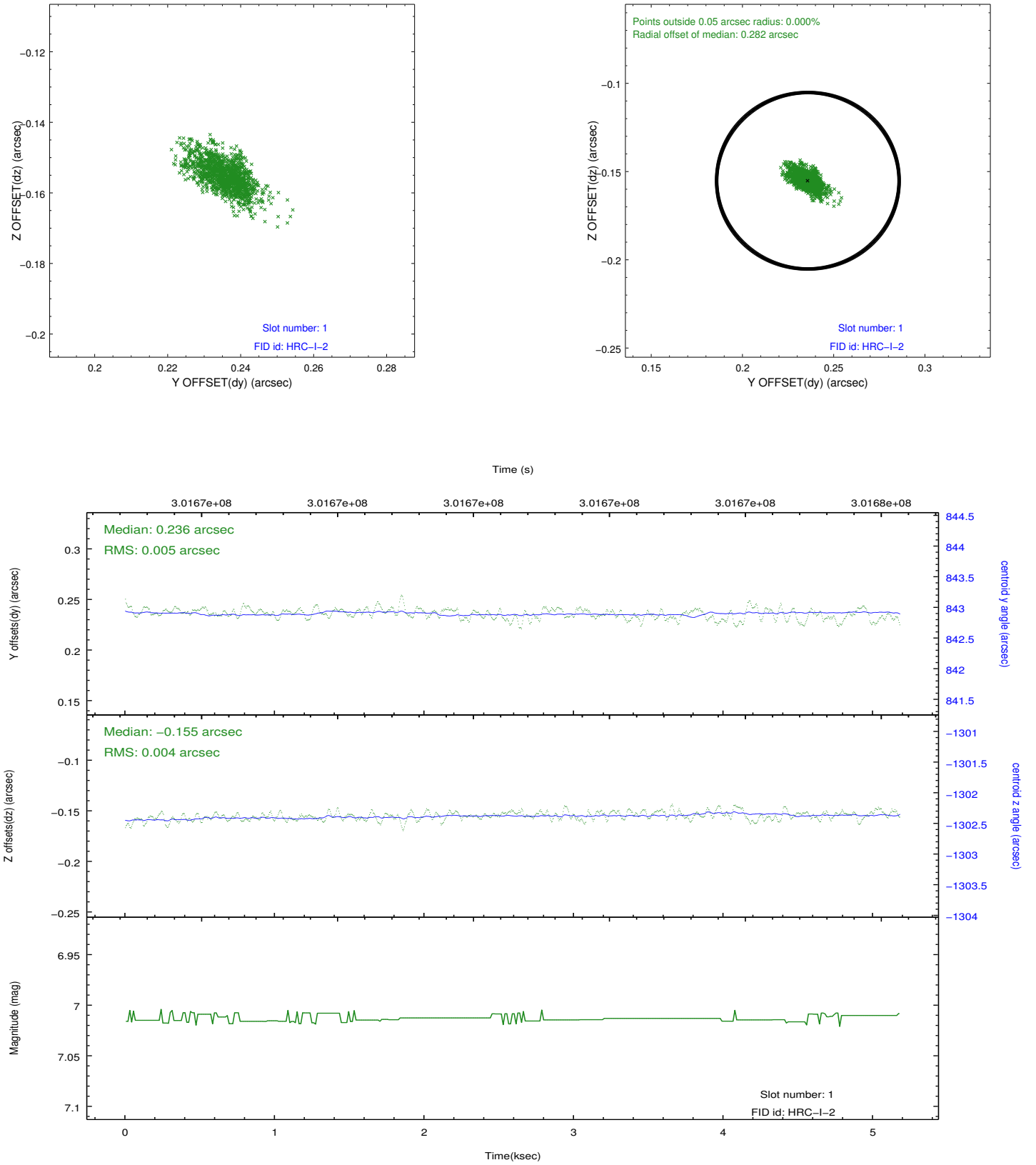


2.5 FID Slots

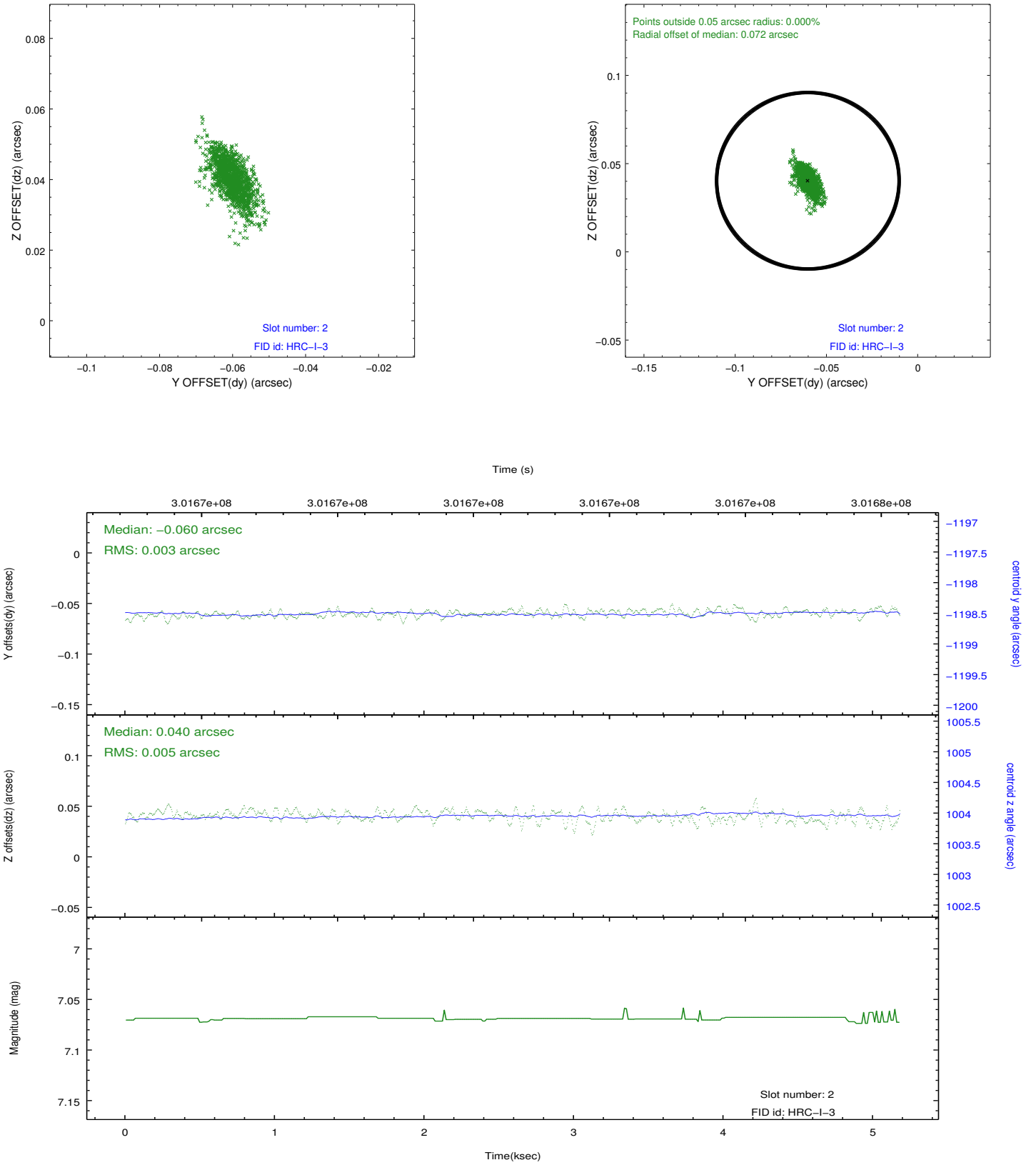
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17932524

A.2 Comments

Joint proposal CX0-XMM.