

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10369 - L2 Version 2
Chandra X-Ray Center

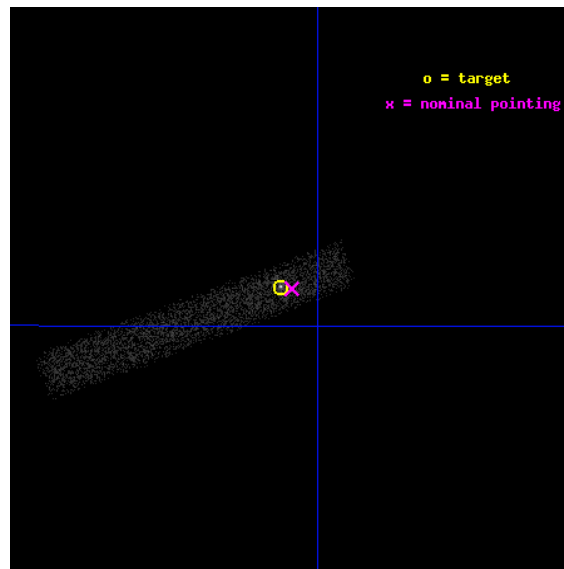
L2 Processing Date : Jun 8 2012

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1 Front

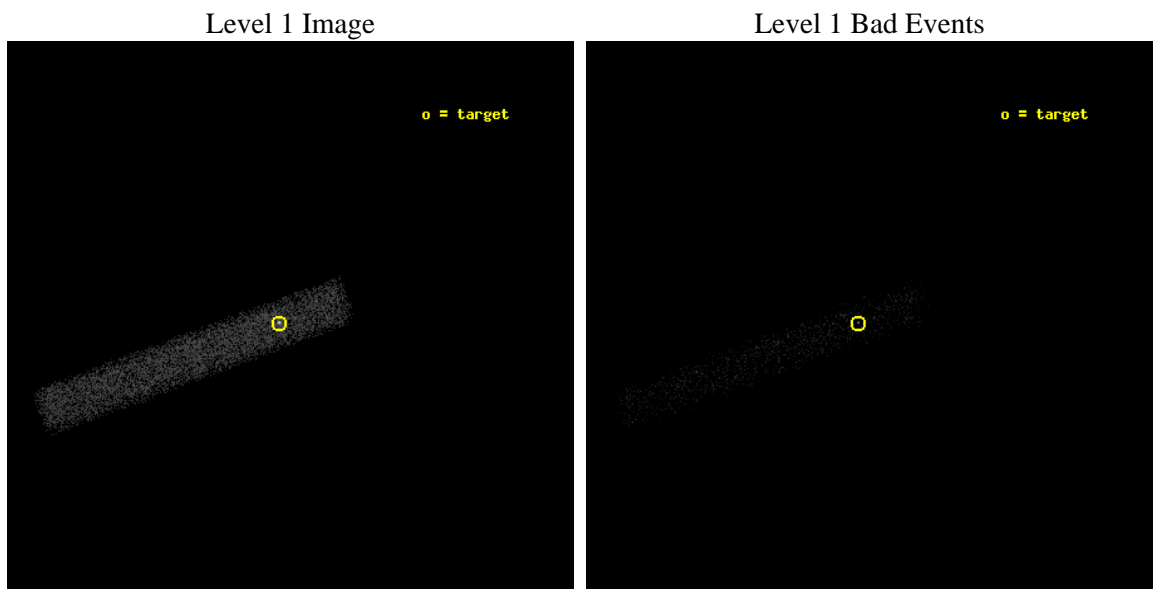
seq_num	701912	Sequence number
obs_id	10369	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	1823+568	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	276.029451	Observer's specified target RA [deg]
dec_targ	56.850417	Observer's specified target Dec [deg]
ra_nom	276.0207557543	Nominal RA [deg]
dec_nom	56.849399575246	Nominal Dec [deg]
roll_nom	159.79933573926	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6151.1996333599	Sum of GTIs [s]
livetime	5578.8133805187	Livetime [s]
ontime7	6151.1996333599	Sum of GTIs [s]
l2events	8483	Number of level 2 events



2 OBI

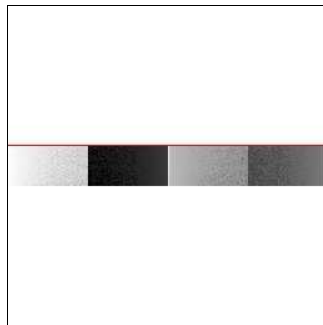
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6151.1996333599	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	6151.1996333599	Sum of GTIs [s]
date	2012-06-08T06:55:00	Date and time of file creation	l1events	16535	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

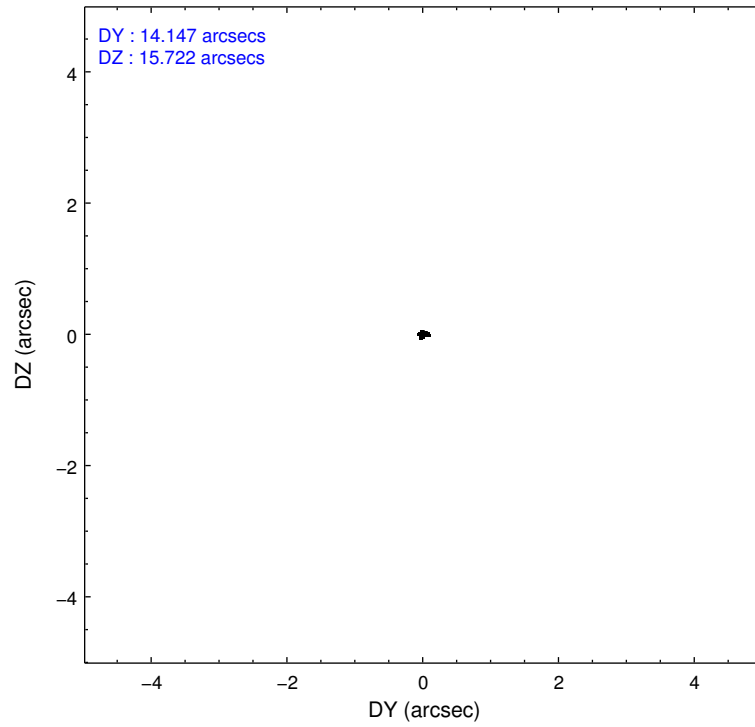
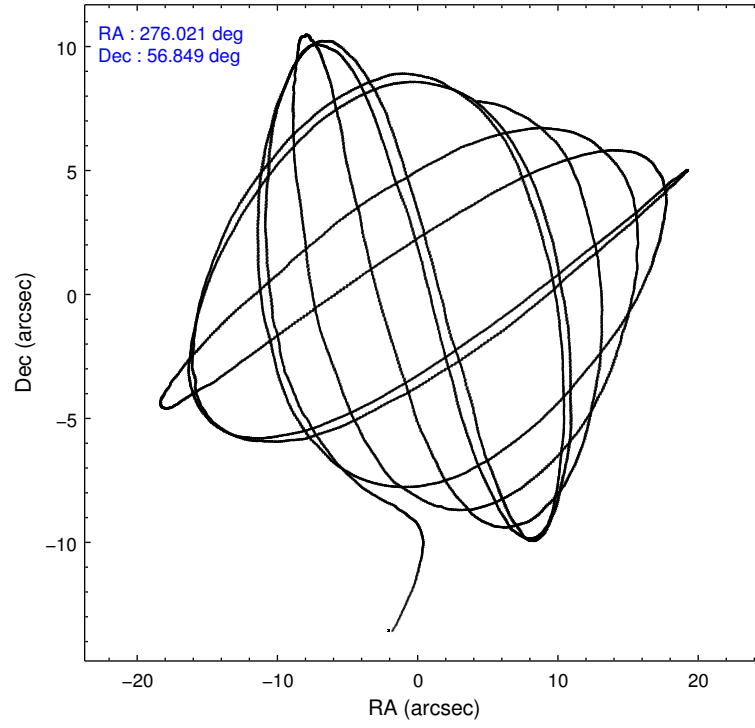
	ccd 7
level 1 events	16535
rejected events	7849
rejected %	47%

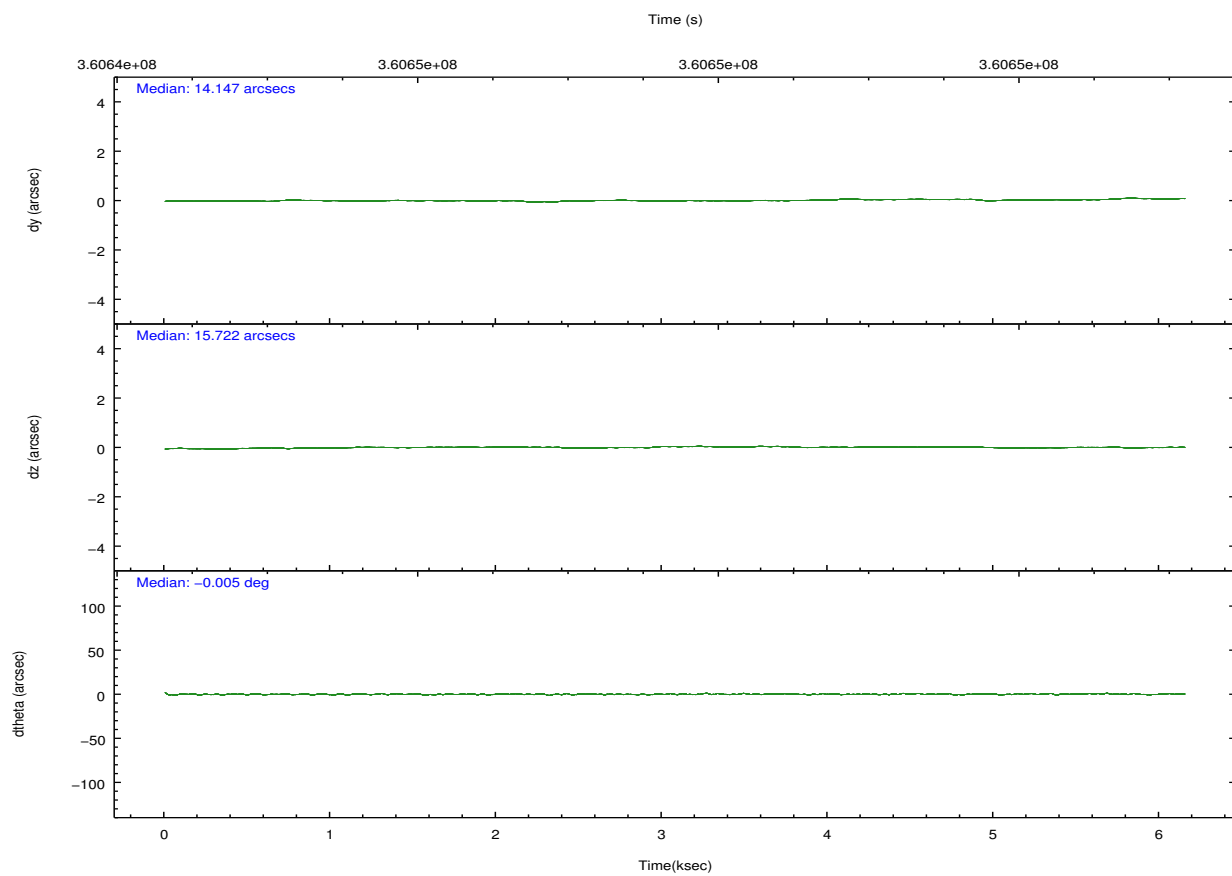
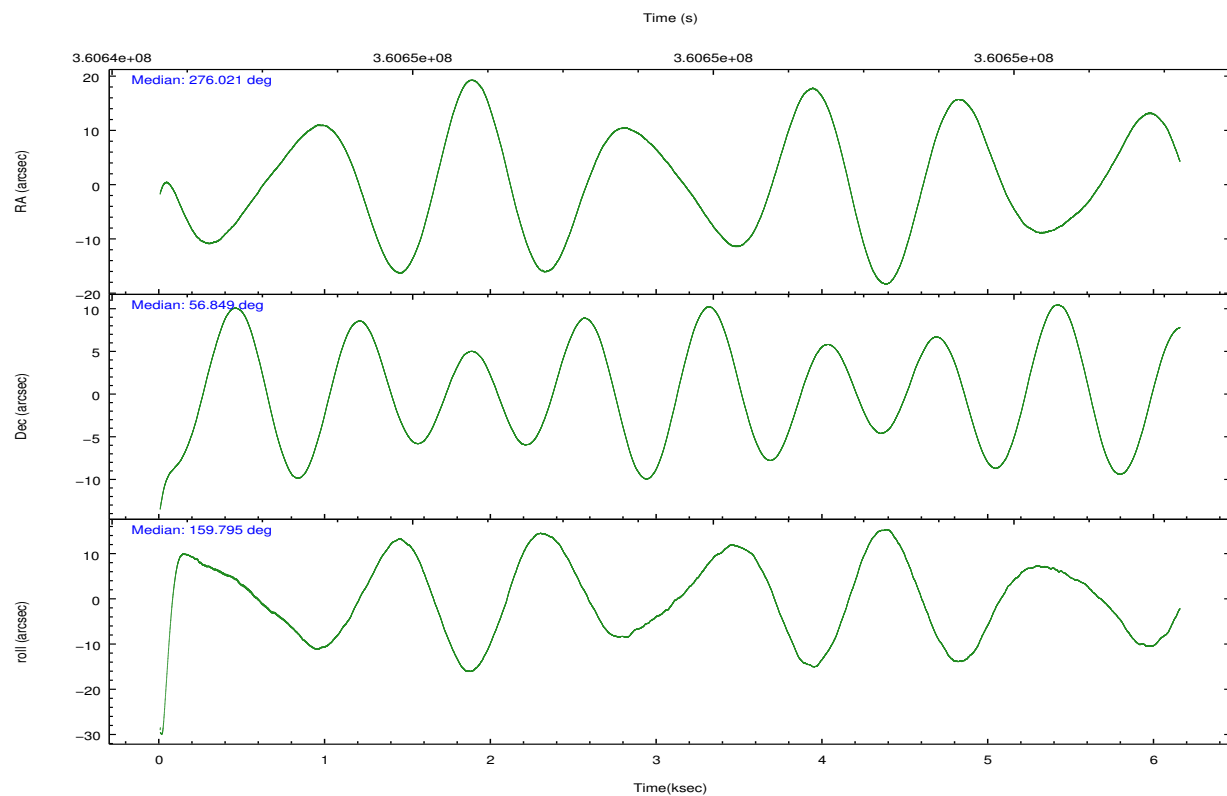
	ccd 7
grade 0 events	1450
	8%
grade 1 events	34
	0%
grade 2 events	2002
	12%
grade 3 events	1156
	6%
grade 4 events	1139
	6%
grade 5 events	1332
	8%
grade 6 events	3642
	22%
grade 7 events	5780
	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	276.069923	276.0207557542983	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	56.854463	56.84939957524626	Subarray start row	449	449
[deg] Pointing Roll	159.601635	159.7993357392602	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	360644800.184000	360643837.25527			
Observation start date	2009-06-06T03:05:34	2009-06-06T02:50:37			
[s] Observation end time (MET)	360650800.184000	360651621.61815			
Observation end date	2009-06-06T04:45:34	2009-06-06T05:00:21			
Read mode	TIMED	TIMED			

2.3 Aspect



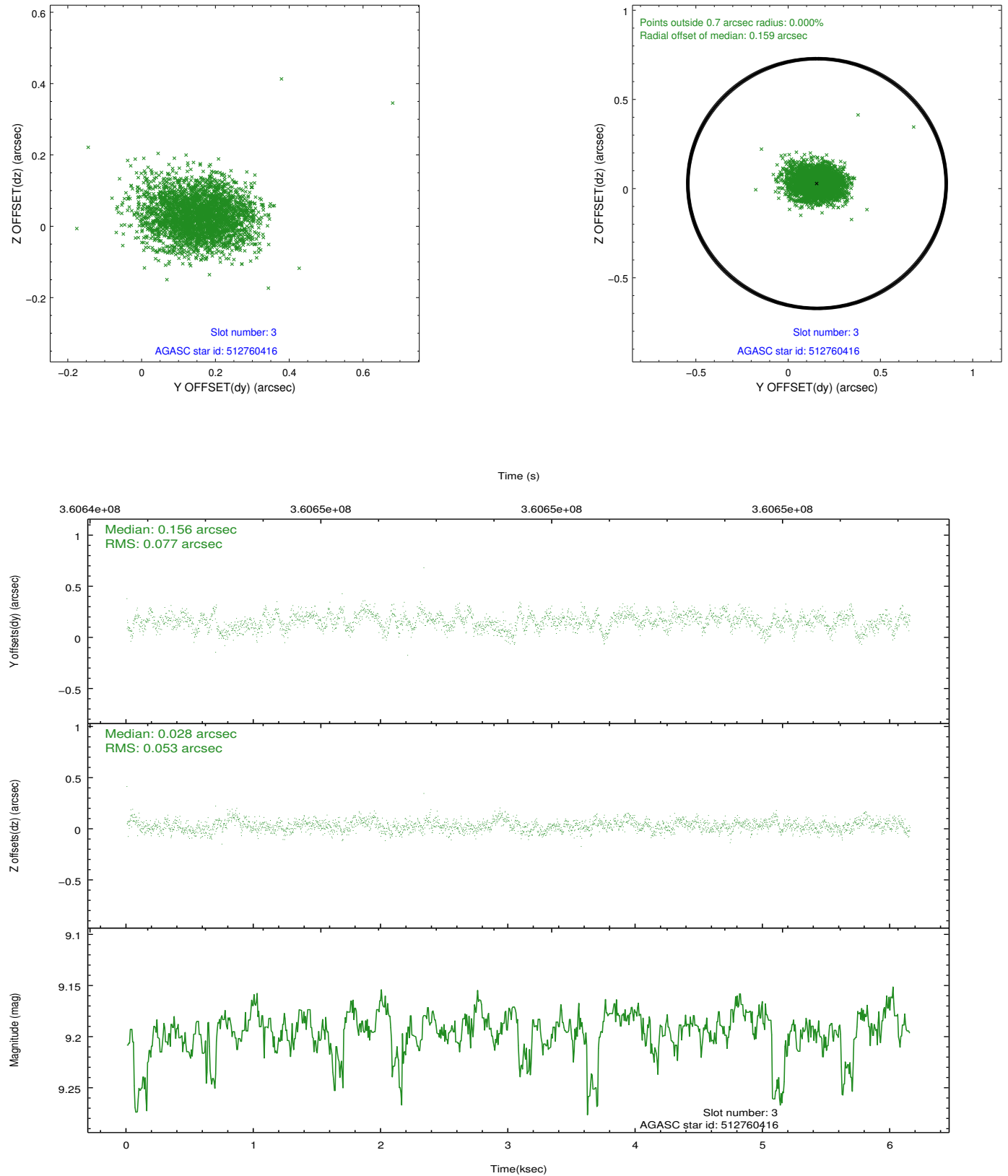


Slot Statistics

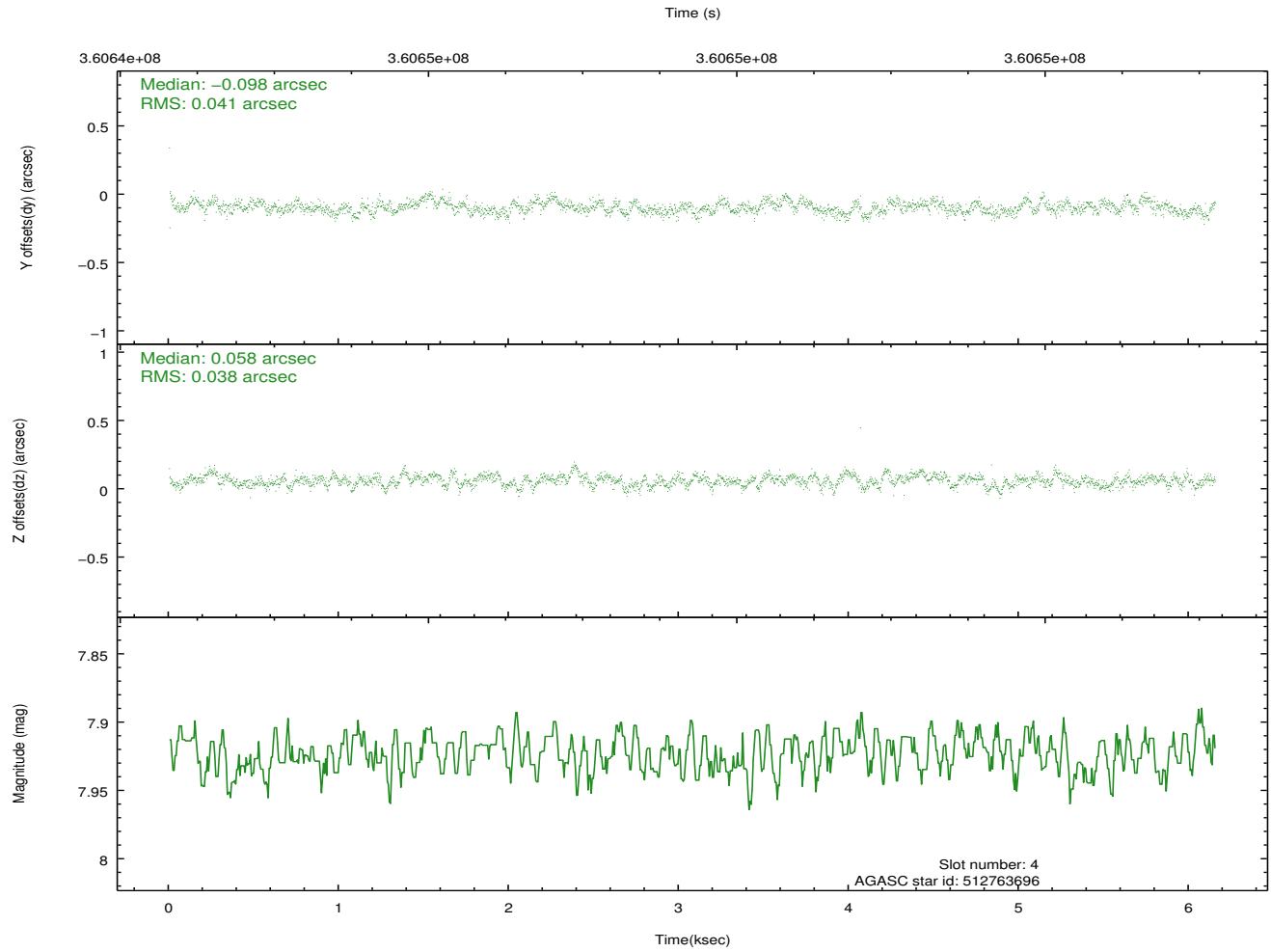
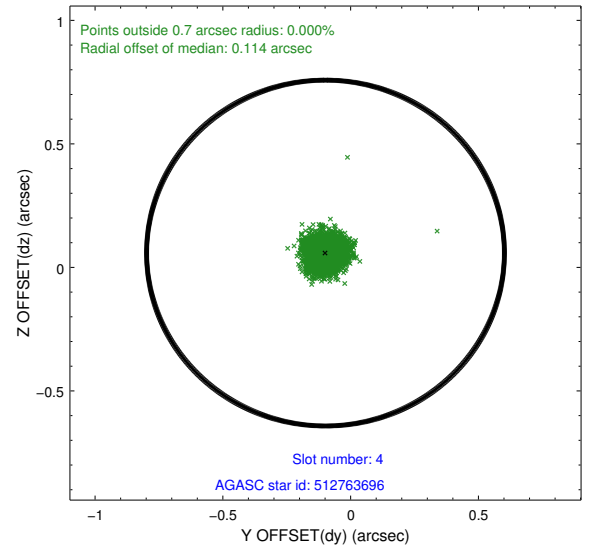
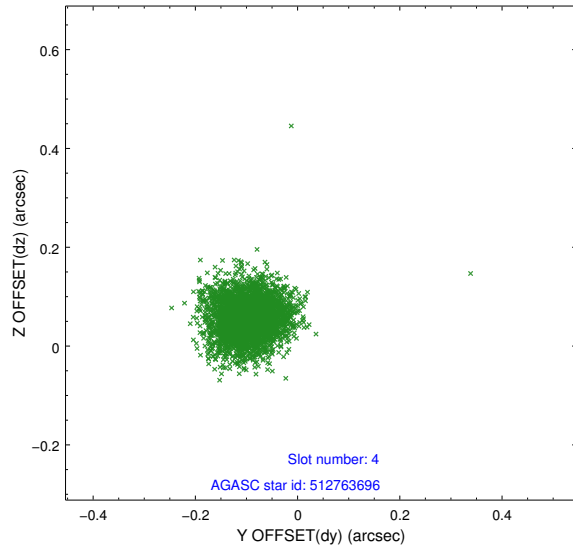
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.94	1501	-0.067	-0.005	0.007	0.012	0.000000	0.000000	-767.15	-1737.13
1	FID	ACIS-S-4	7.02	1501	0.184	0.034	0.006	0.010	0.000000	0.000000	2145.92	170.42
2	FID	ACIS-S-5	7.05	1501	-0.148	-0.020	0.007	0.012	0.000000	0.000000	-1818.86	165.10
3	GUIDE	512760416	9.19	2977	0.156	0.028	0.097	0.161	275.133434	57.251662	2212.77	-716.20
4	GUIDE	512763696	7.92	3002	-0.098	0.058	0.059	0.095	275.893875	57.284361	861.86	-1331.79
5	GUIDE	512768112	8.99	2999	-0.151	-0.039	0.080	0.129	276.553016	56.641493	-1161.80	381.52
6	GUIDE	512765600	8.88	3001	0.045	-0.102	0.074	0.119	275.182953	56.711103	1466.77	1084.02
7	GUIDE	512894472	9.35	2986	0.056	0.055	0.122	0.201	277.540674	57.255072	-2169.64	-2378.67

2.4 Star Slots

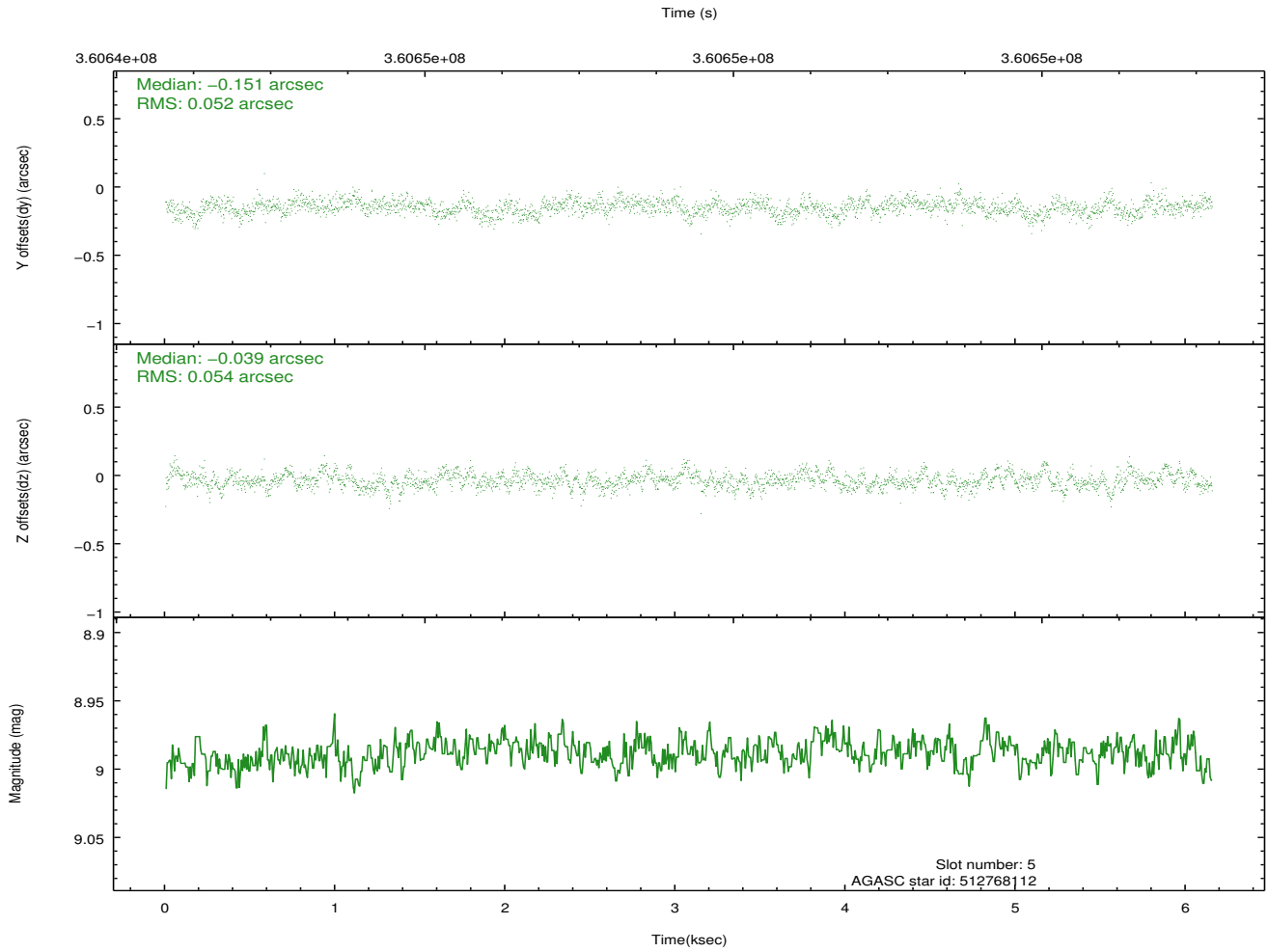
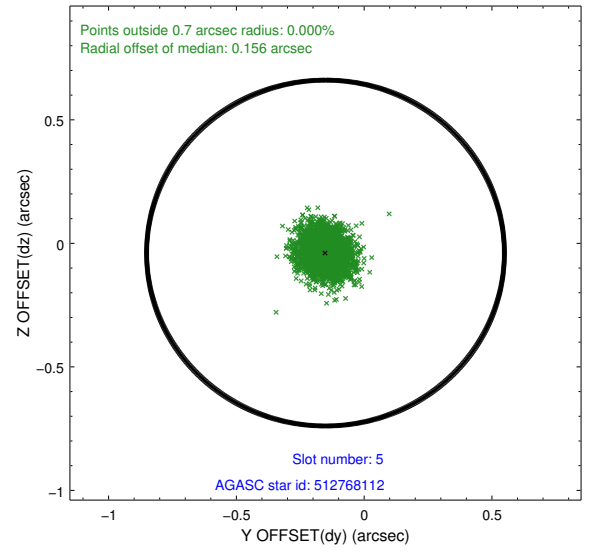
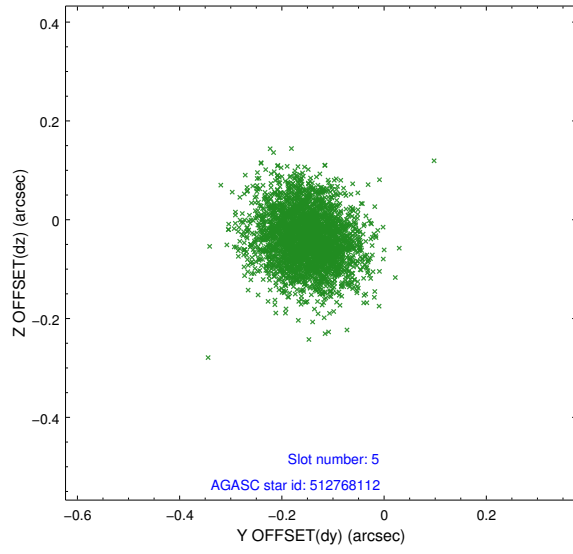
2.4.1 Slot 3



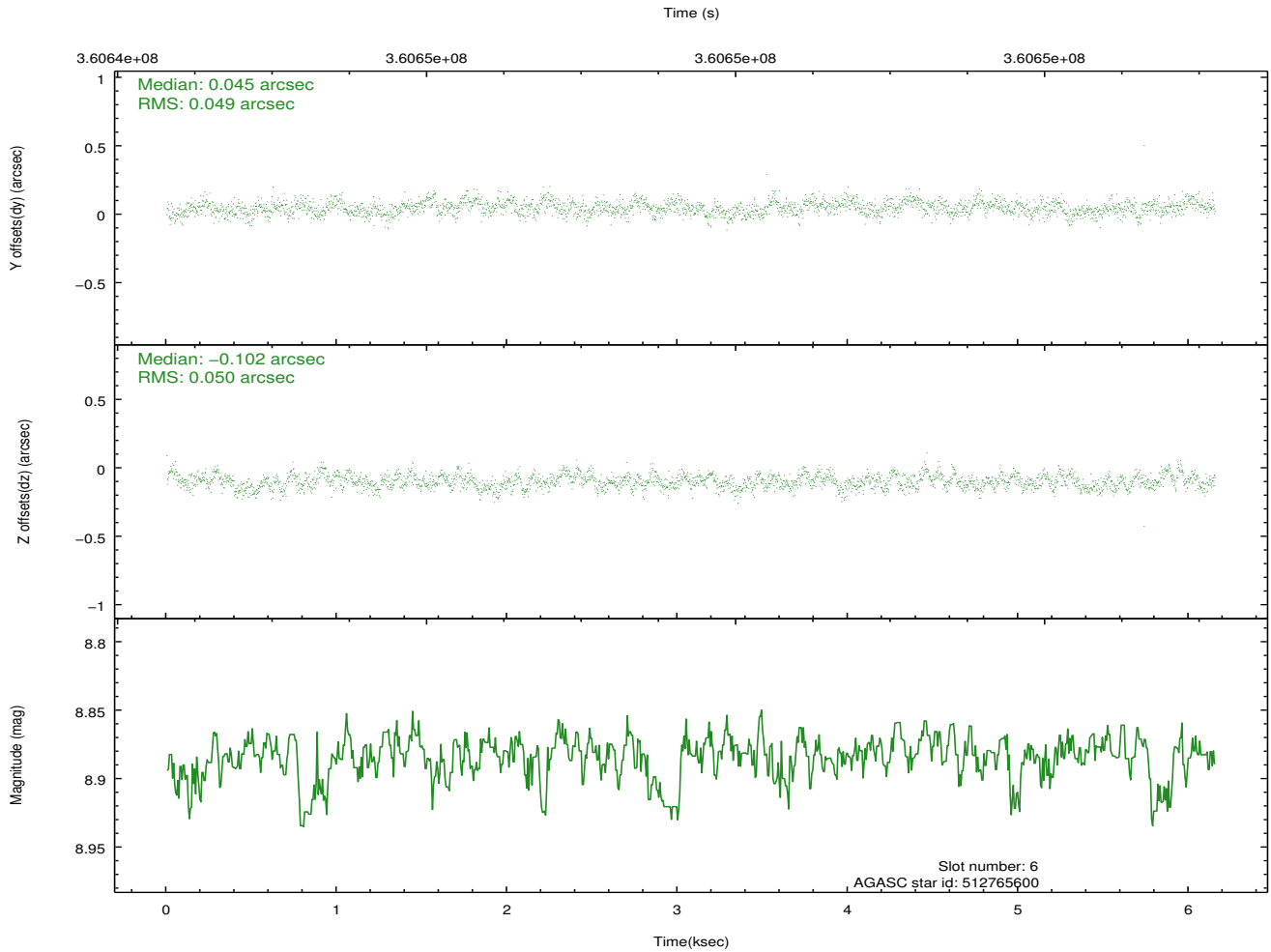
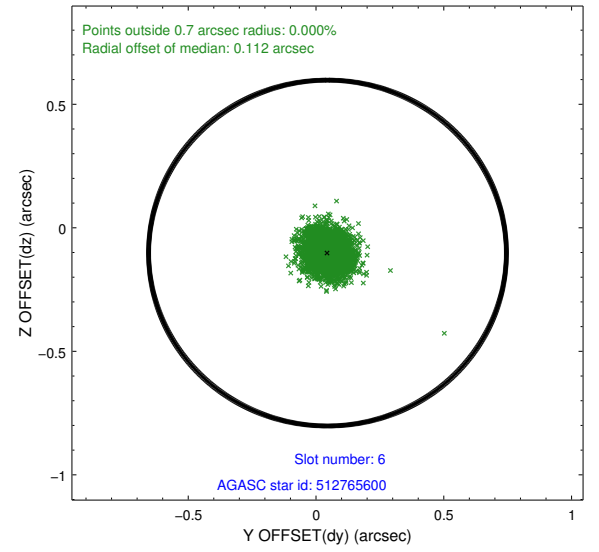
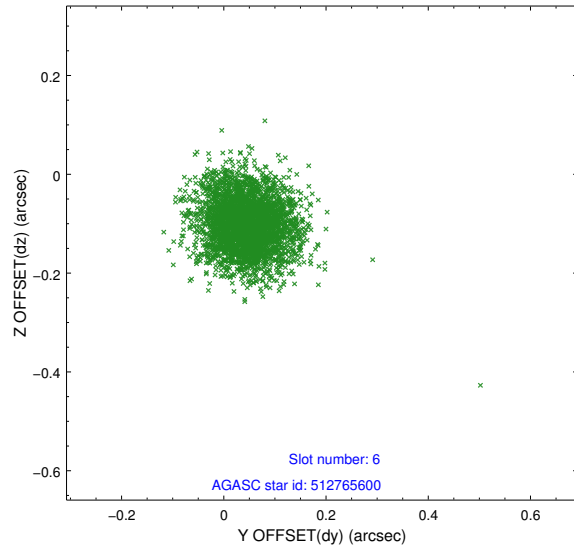
2.4.2 Slot 4



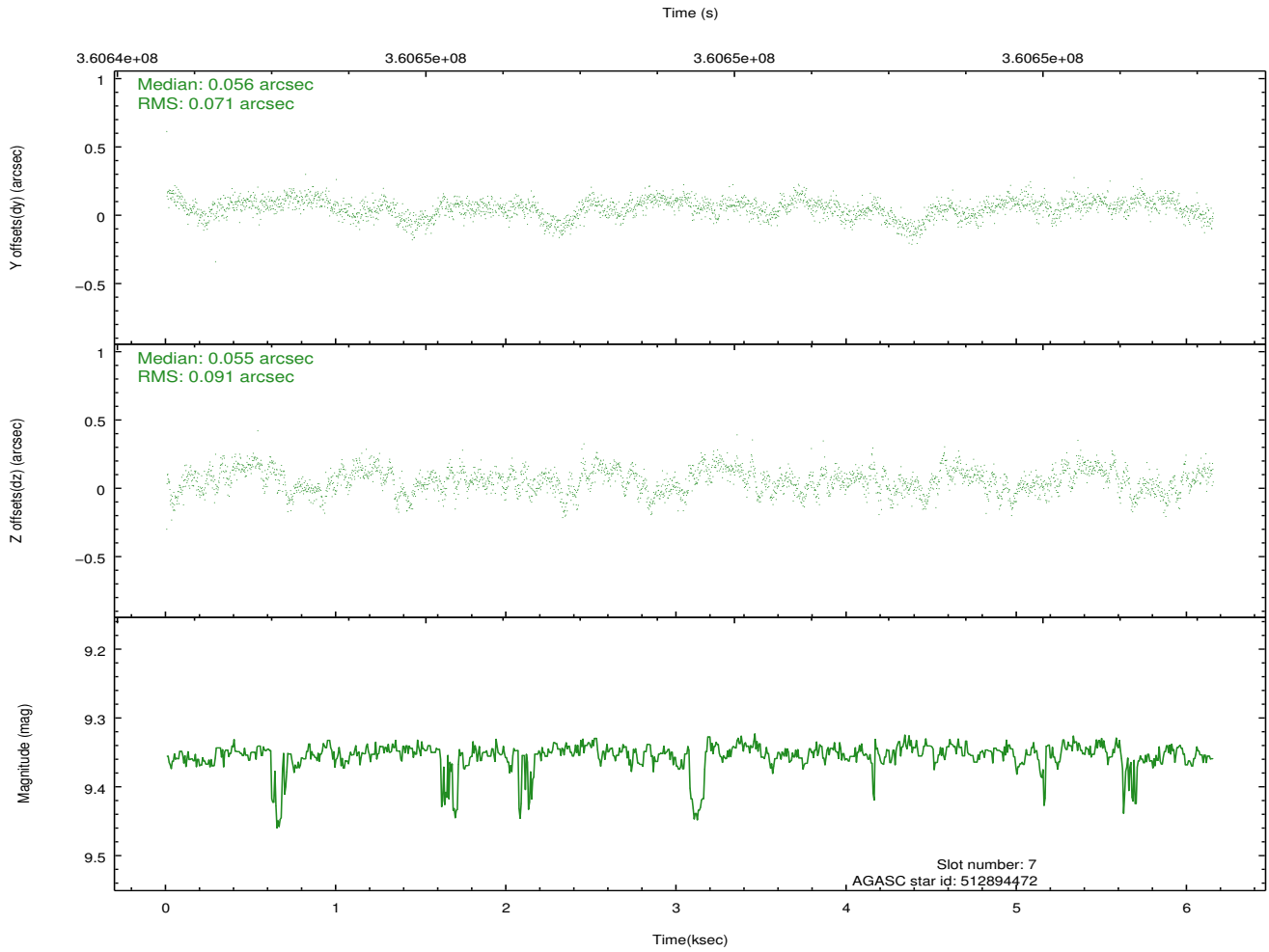
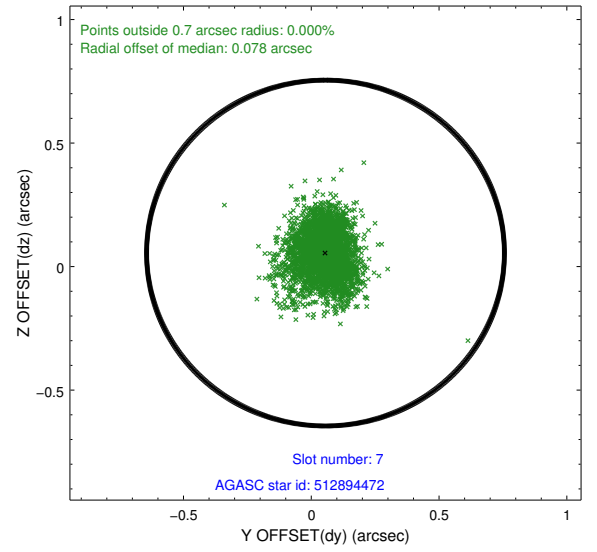
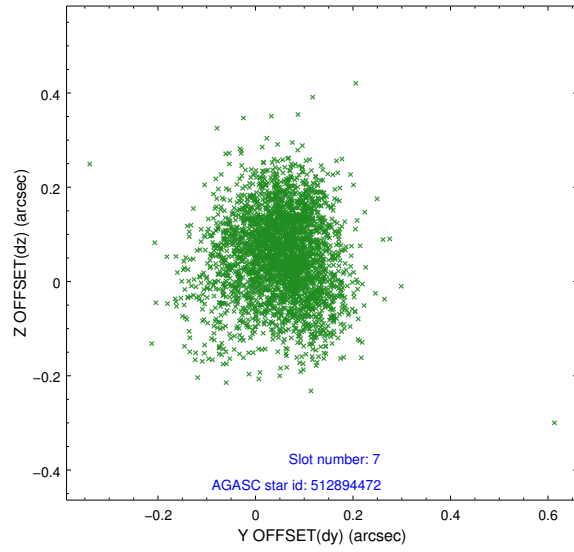
2.4.3 Slot 5



2.4.4 Slot 6

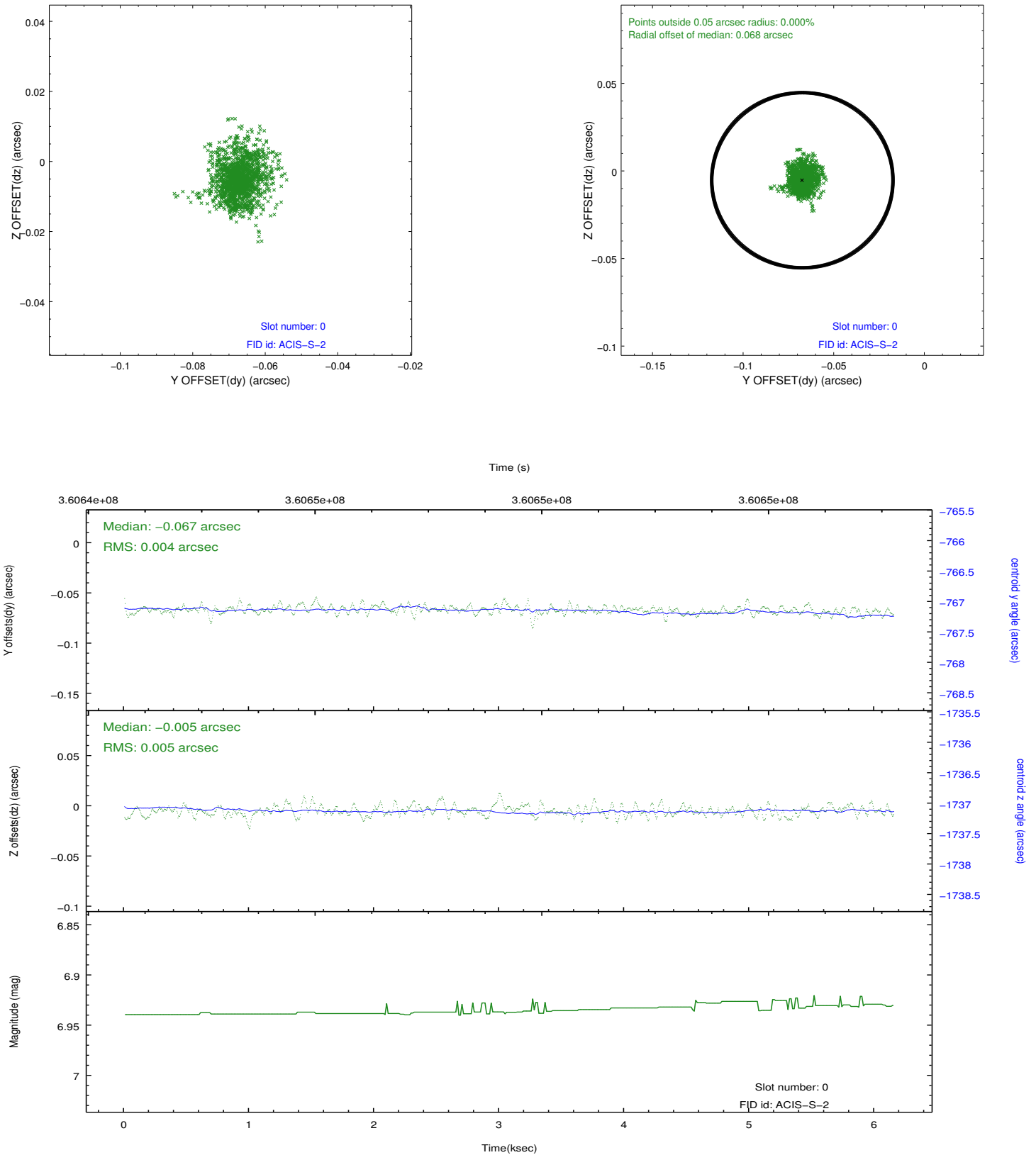


2.4.5 Slot 7

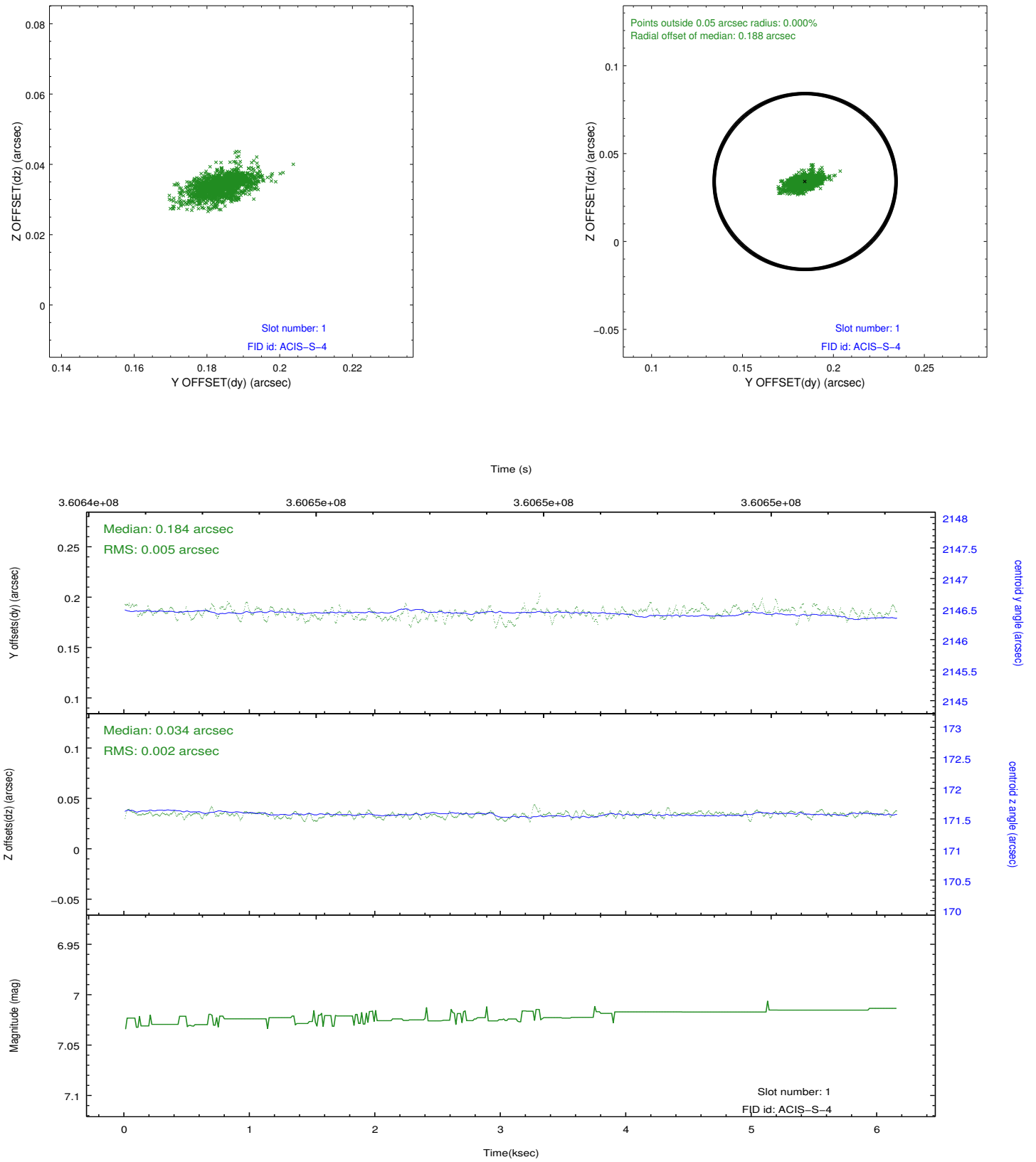


2.5 FID Slots

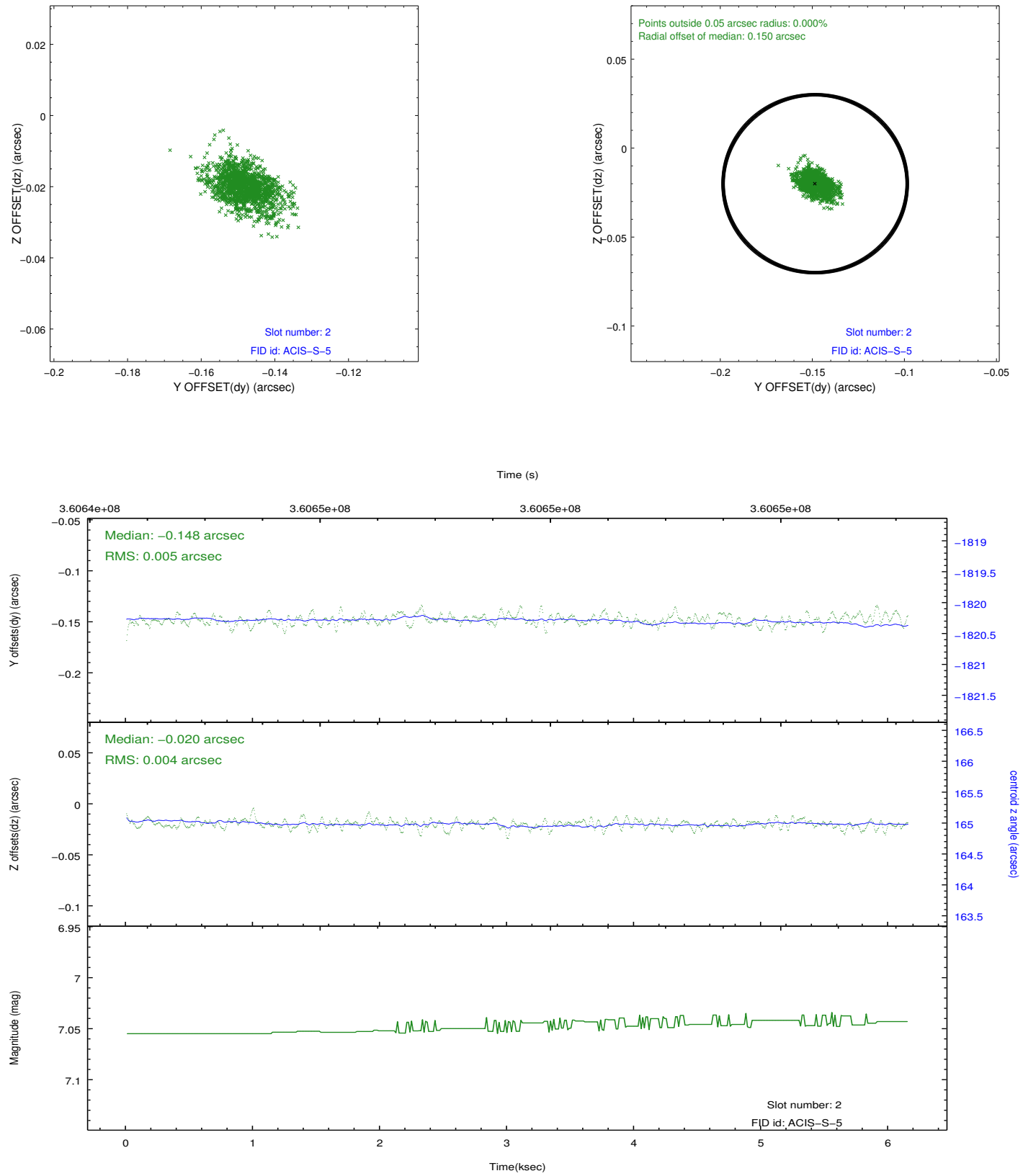
2.5.1 Slot 0



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)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.15119963

A.2 Comments

Joint Proposal: HST. Roll preference met.