

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6739 - L2 Version 4
Chandra X-Ray Center

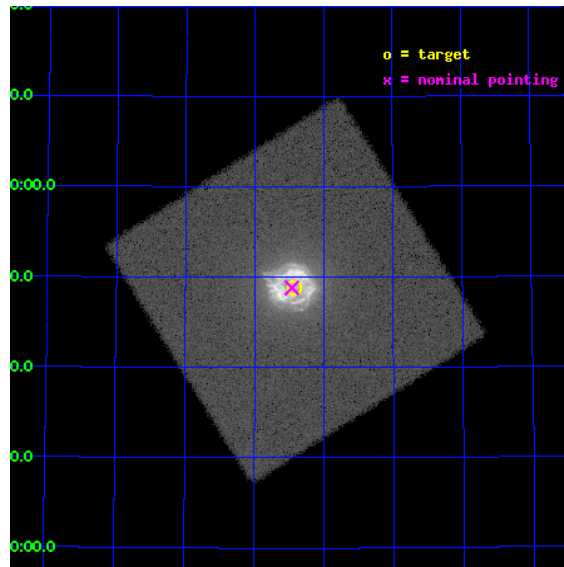
L2 Processing Date : Aug 11 2012

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1 Front

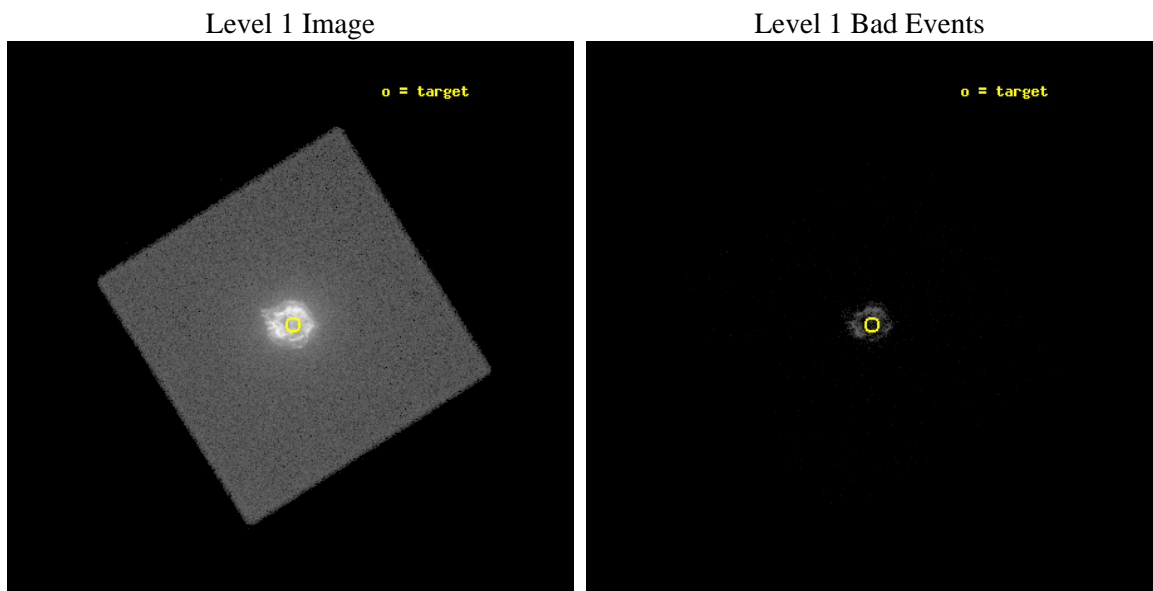
seq_num	590422	Sequence number
obs_id	6739	Observation id
title	AO7 Observations of the Standard Candles Cas A and G21.5-09	Propos
observer	Dr. CXC Calibration	Principal investigator
object	Cas A	Source name
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	350.86532088325	Nominal RA [deg]
dec_nom	58.81391103742	Nominal Dec [deg]
roll_nom	12.853264114088	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5044.2814847827	[s]
livetime	4968.710897102	Ontime multiplied by DTCOR
l2events	683009	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5044.2814847827	[s]
caldbver	4.5.1.1	 	l1events	833311	Number of level 1 events
date	2012-08-11T05:52:12	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

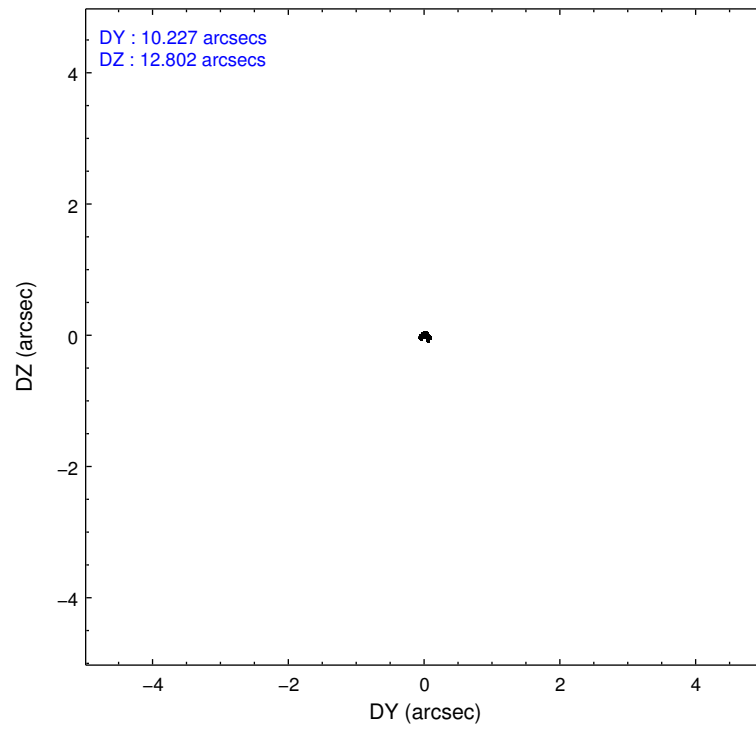
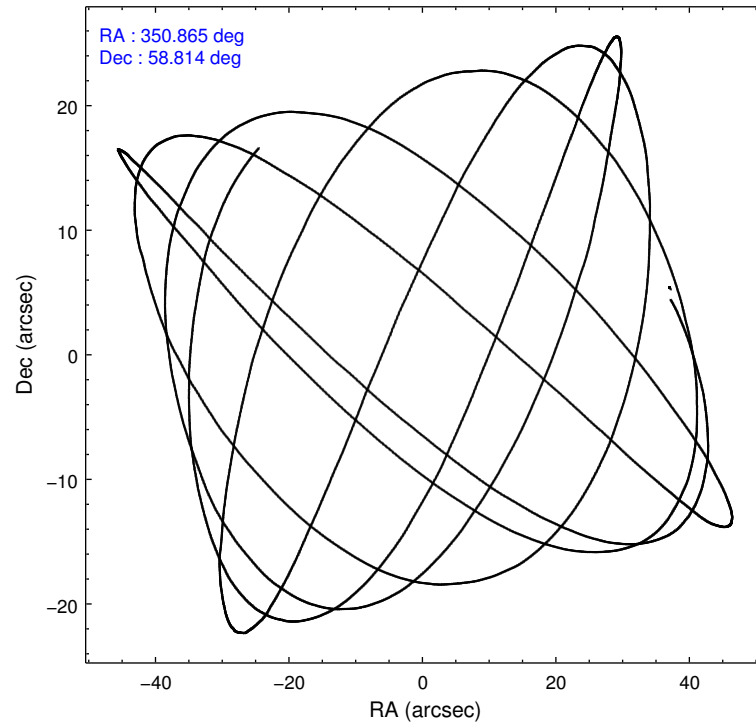
Level 1 Events

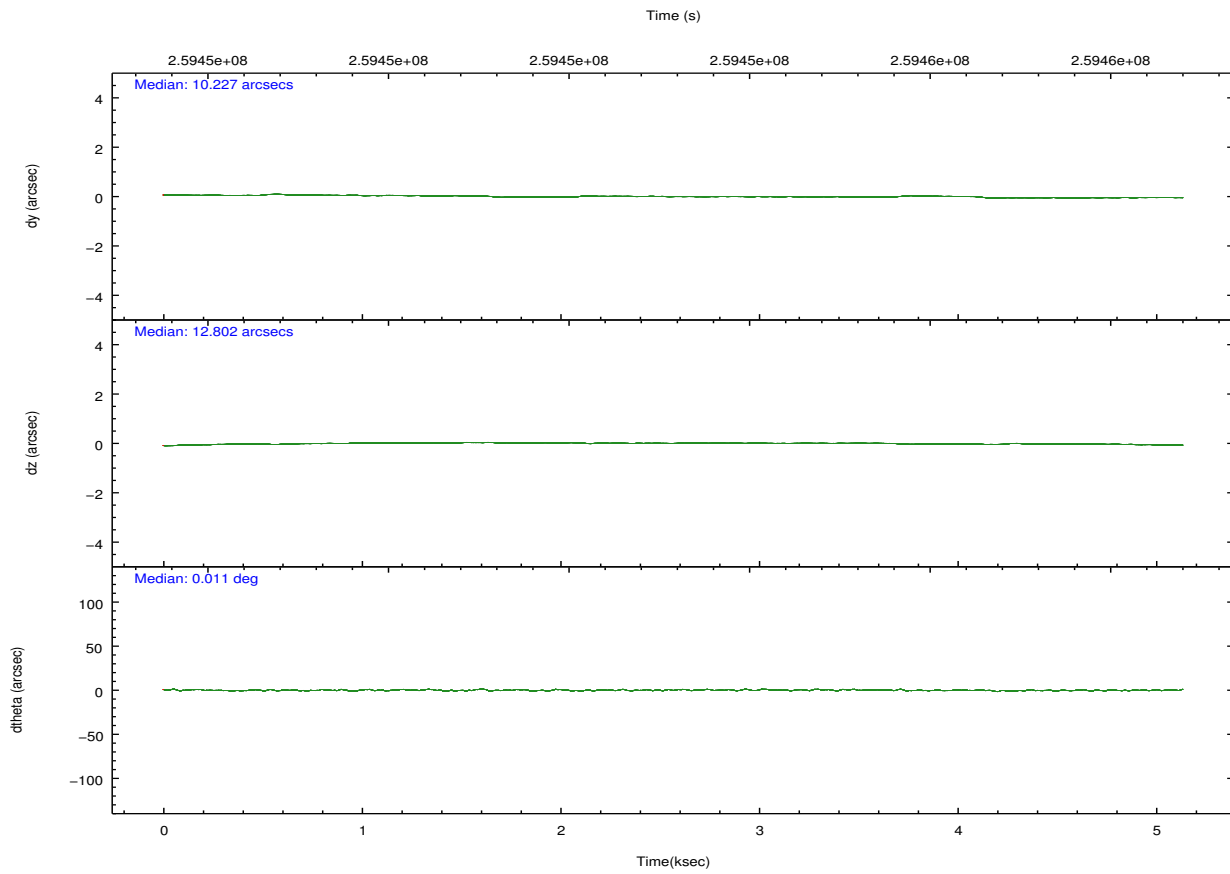
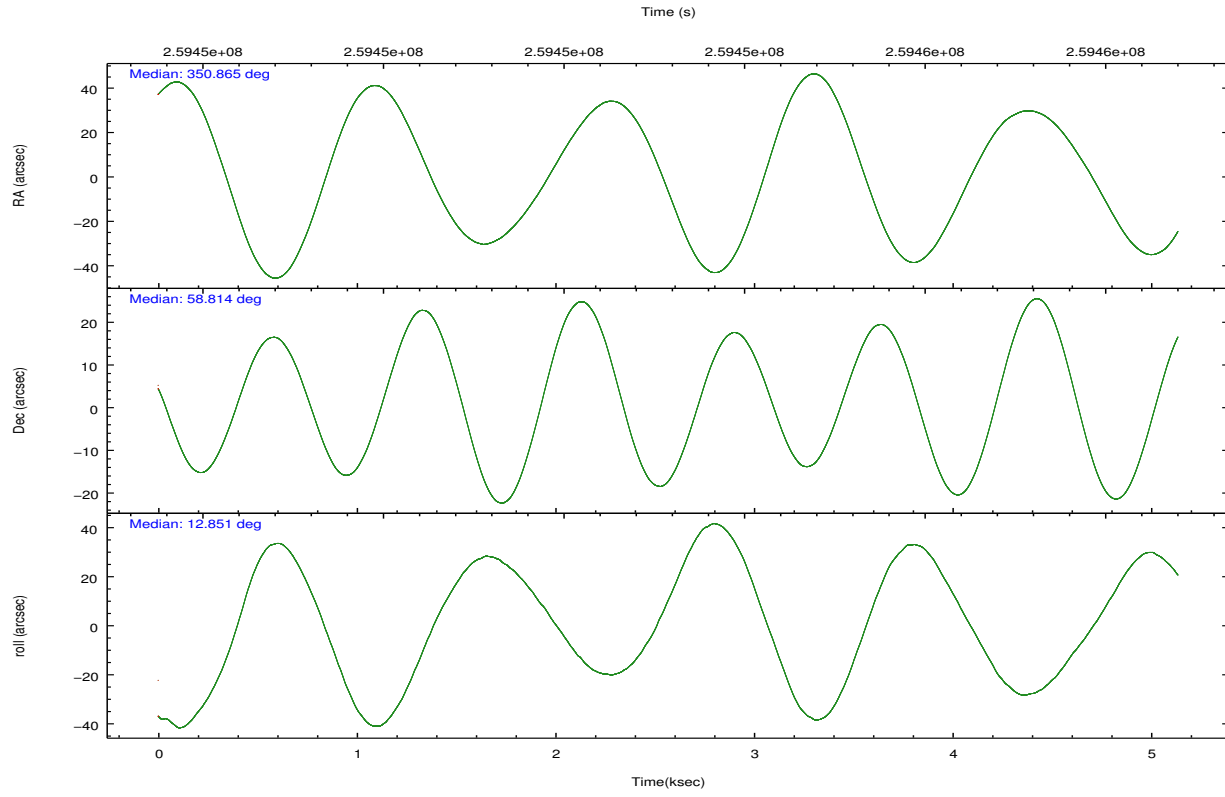
	segment 0
level 1 events	833311
rejected events	10225
rejected %	1%

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	350.827909	350.8653208832499			
[deg] Pointing Dec	58.795223	58.81391103742004			
[deg] Pointing Roll	12.980768	12.85326411408819			
[s] Window start time (MET)	255139265.184000	255139265.184000			
[s] Window stop time (MET)	262742465.184000	262742465.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	259451141.184000	259450737.32795			
Observation start date	2006-03-22T21:44:36	2006-03-22T21:38:57			
[s] Observation end time (MET)	259456141.184000	259456354.84072			
Observation end date	2006-03-22T23:07:56	2006-03-22T23:12:34			

2.3 Aspect



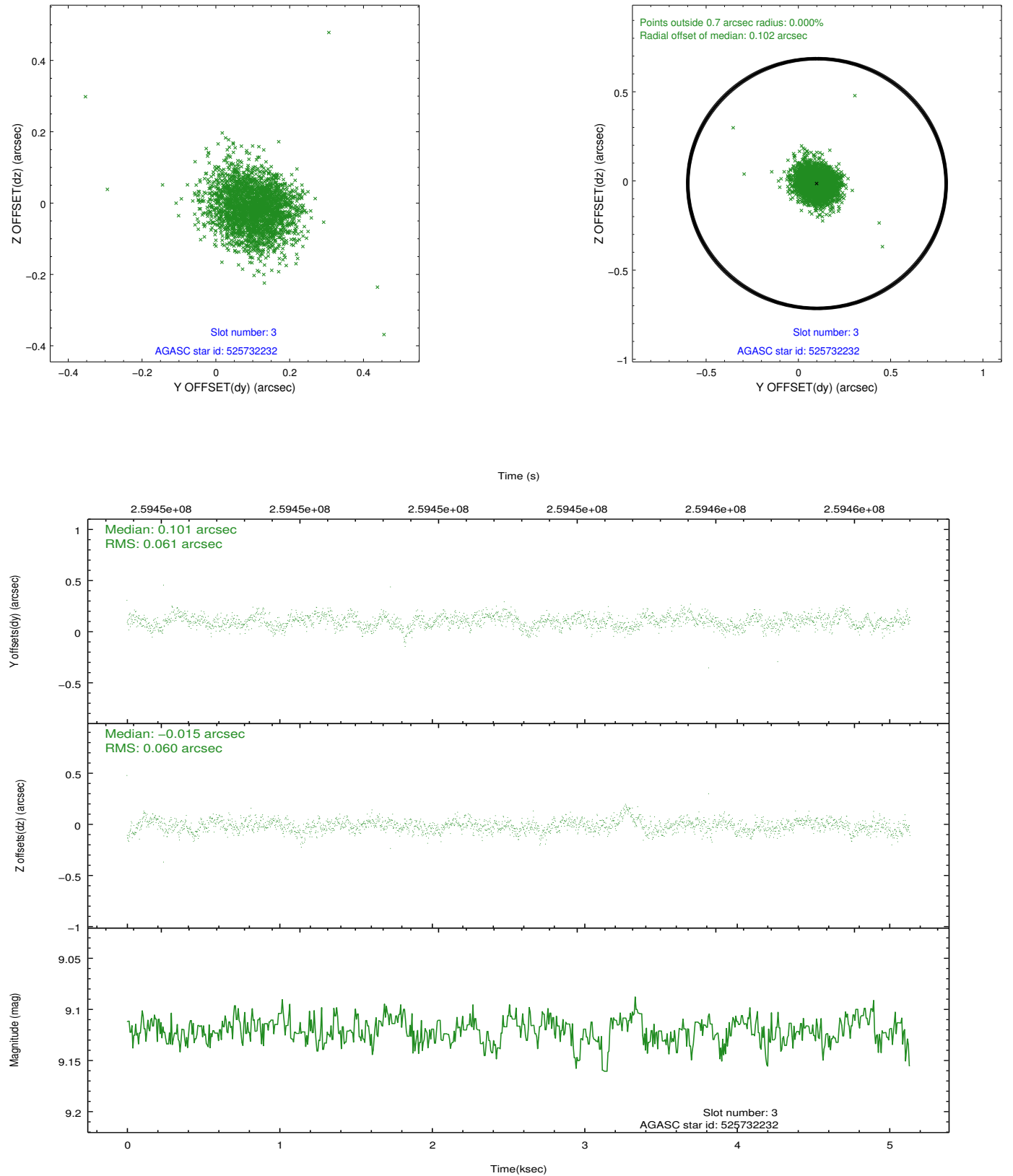


Slot Statistics

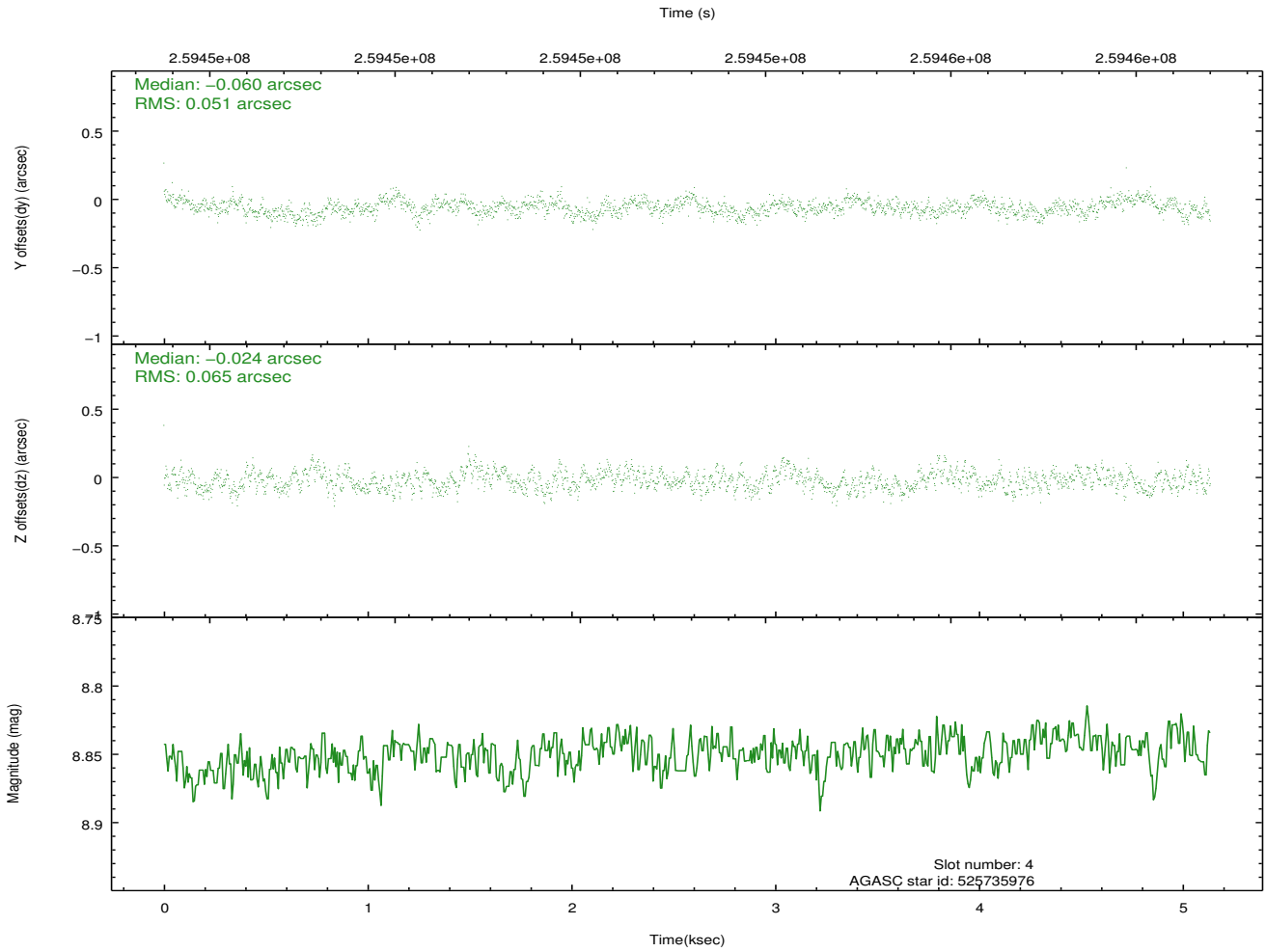
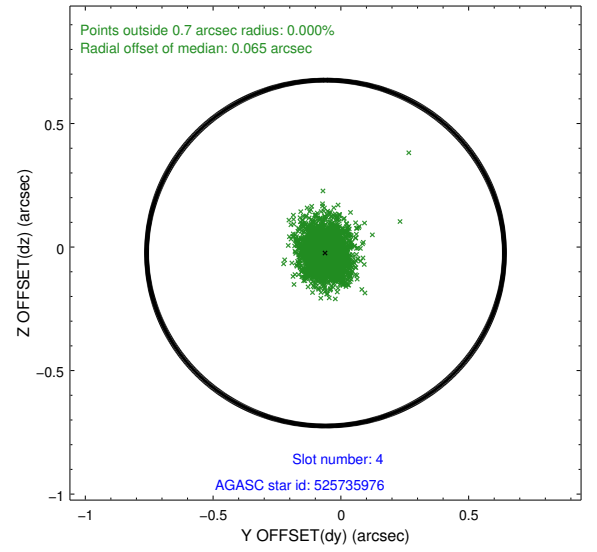
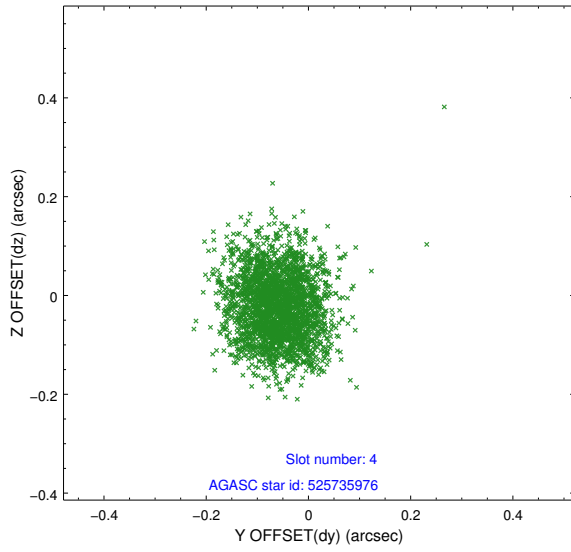
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1253	-0.037	0.010	0.005	0.009	0.000000	0.000000	-766.00	-1300.76
1	FID	HRC-I-2	7.04	1253	0.141	-0.097	0.007	0.011	0.000000	0.000000	846.19	-1303.55
2	FID	HRC-I-4	7.04	1253	0.012	-0.005	0.005	0.009	0.000000	0.000000	1277.62	1000.26
3	GUIDE	525732232	9.12	2503	0.101	-0.015	0.089	0.143	351.669550	58.757012	1503.97	-477.40
4	GUIDE	525735976	8.85	2505	-0.060	-0.024	0.088	0.143	350.142956	58.277622	-1679.33	-1517.56
5	GUIDE	525736400	9.07	2503	0.075	-0.027	0.093	0.152	350.974563	59.175145	570.85	1272.50
6	GUIDE	525732488	8.42	2505	-0.045	0.017	0.075	0.119	350.087090	58.516915	-1579.58	-654.67
7	GUIDE	525732528	9.36	2492	-0.073	0.051	0.105	0.173	351.607241	59.298932	1804.88	1454.15

2.4 Star Slots

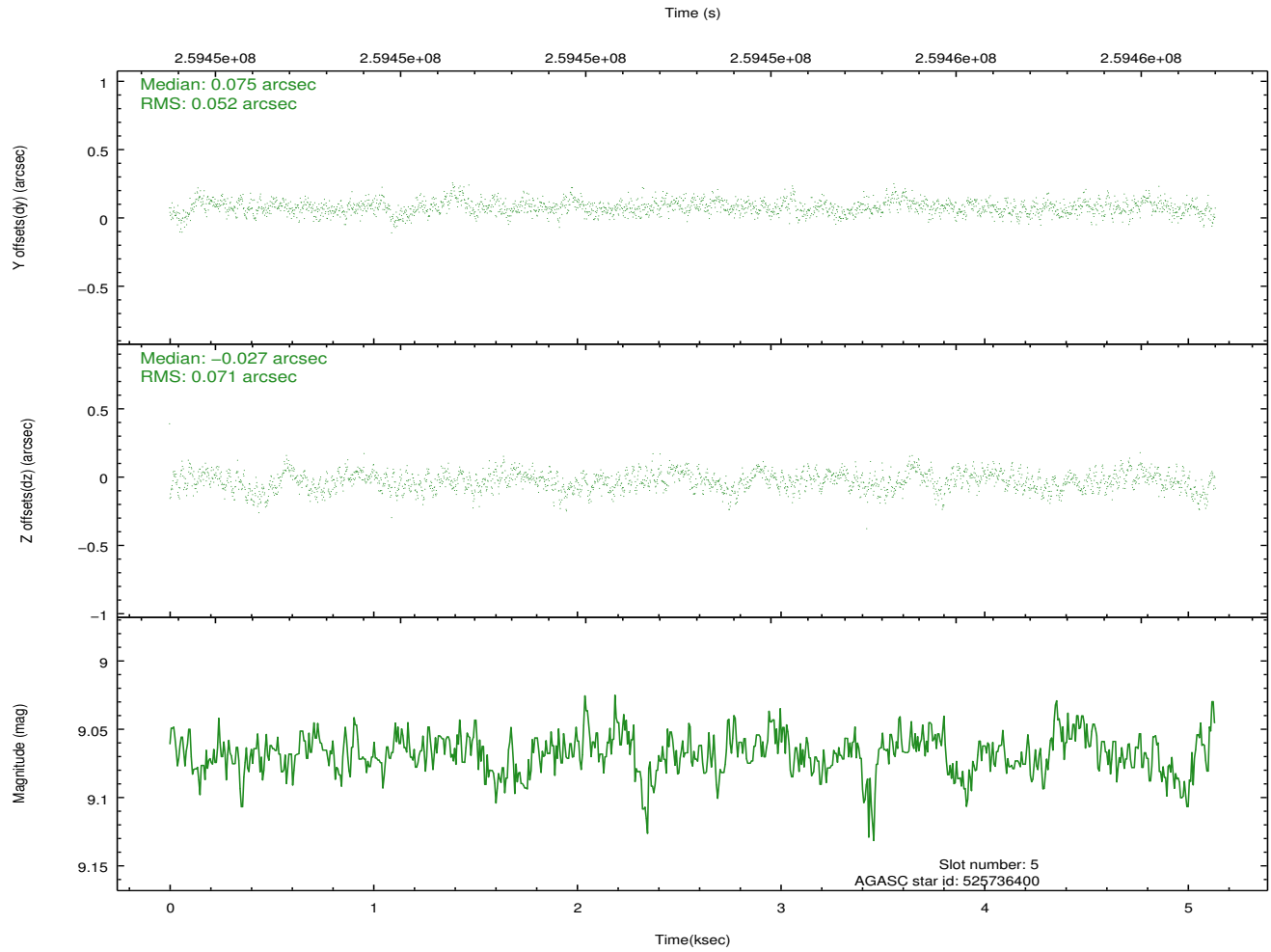
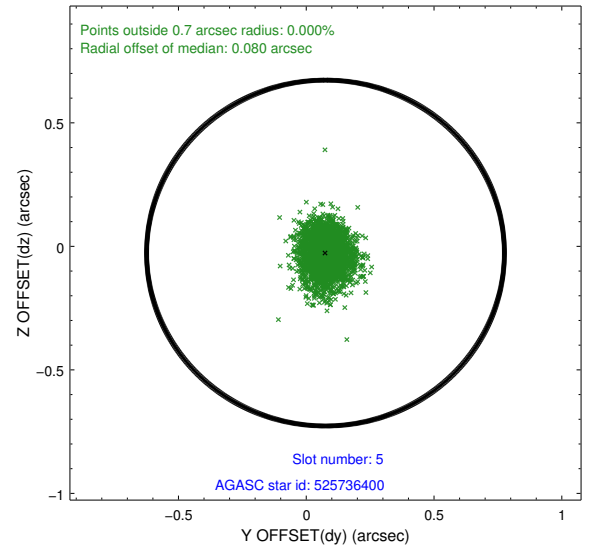
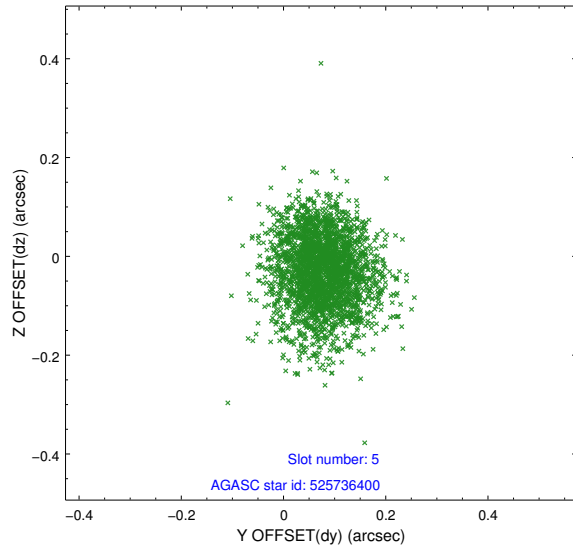
2.4.1 Slot 3



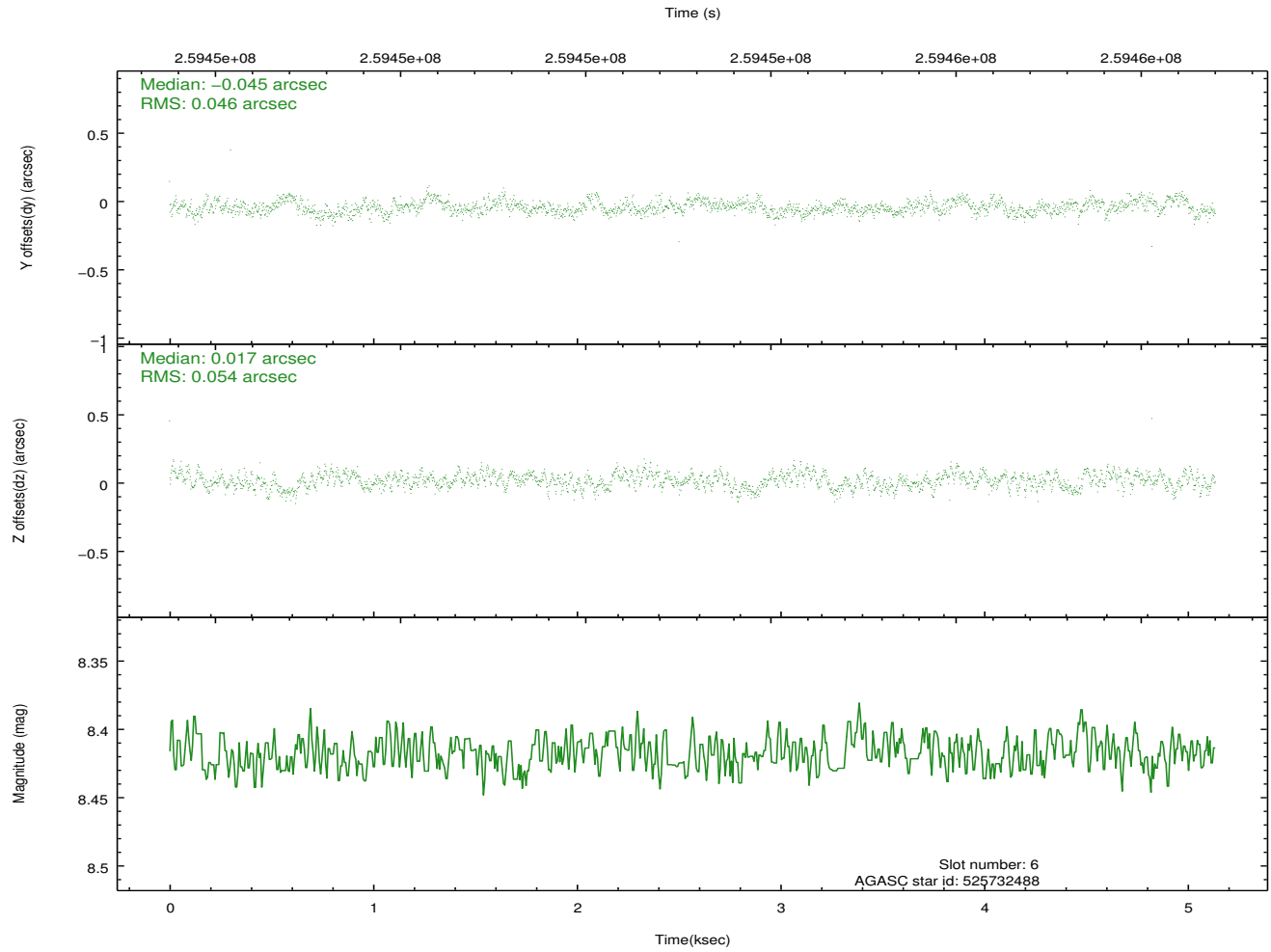
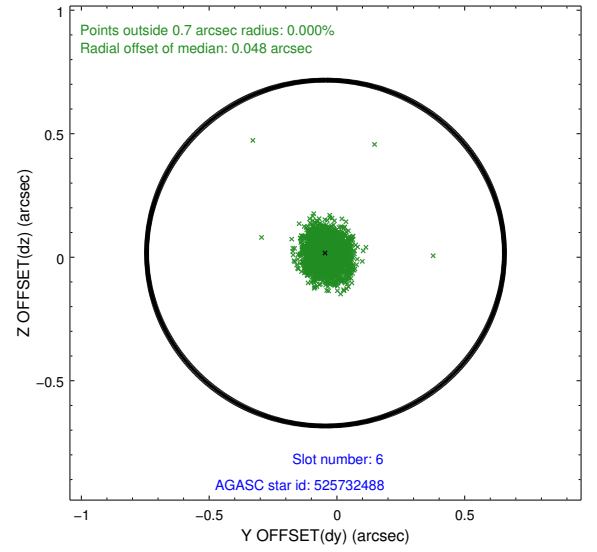
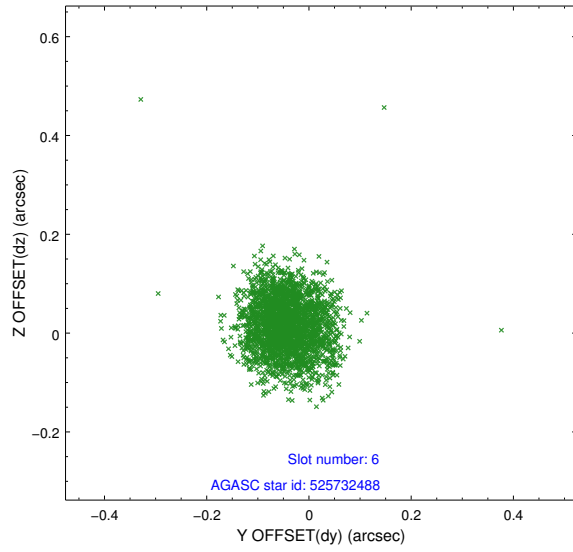
2.4.2 Slot 4



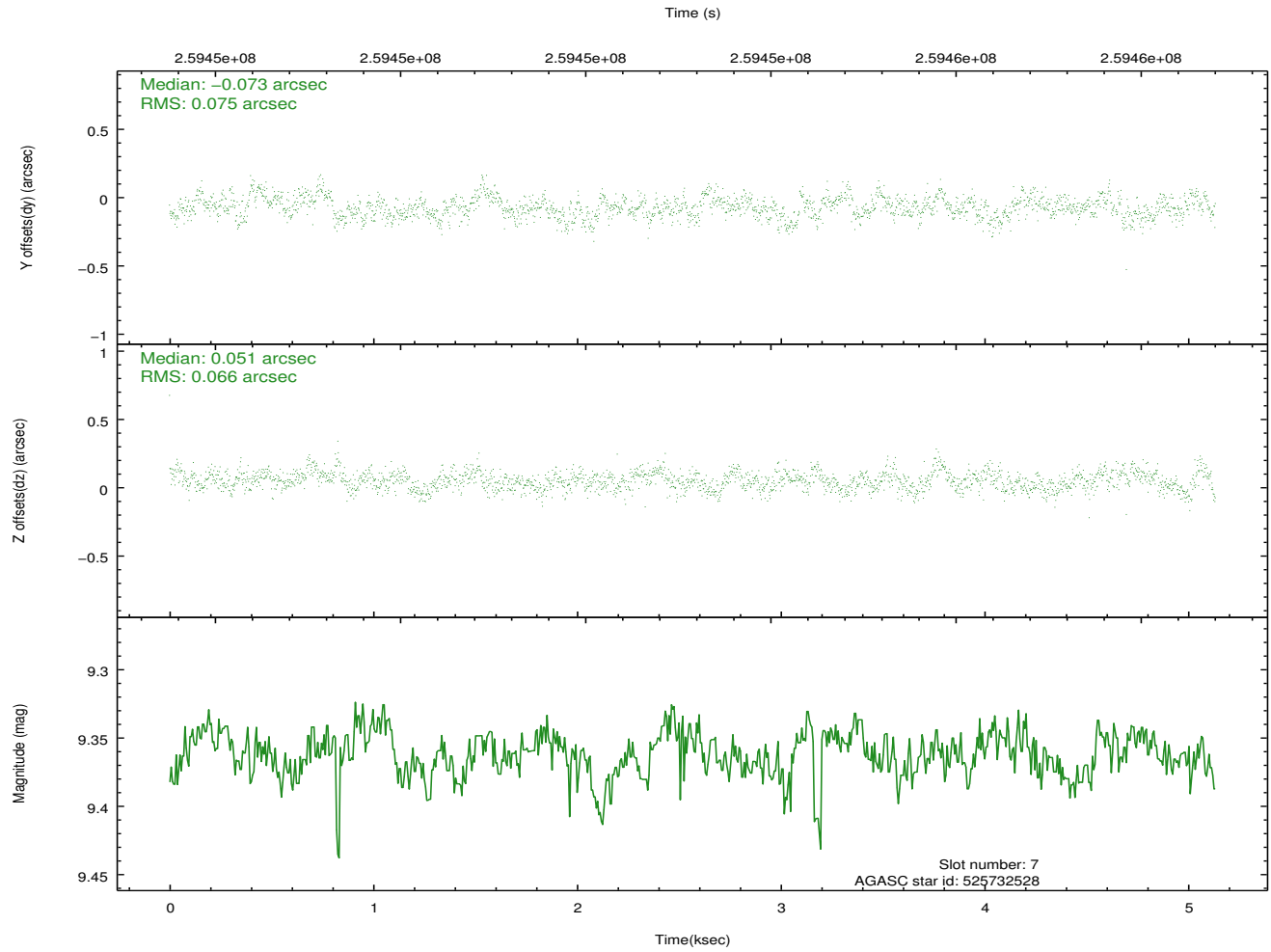
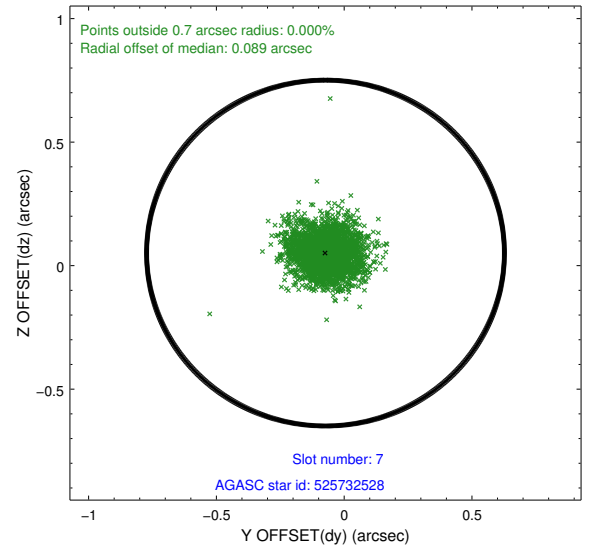
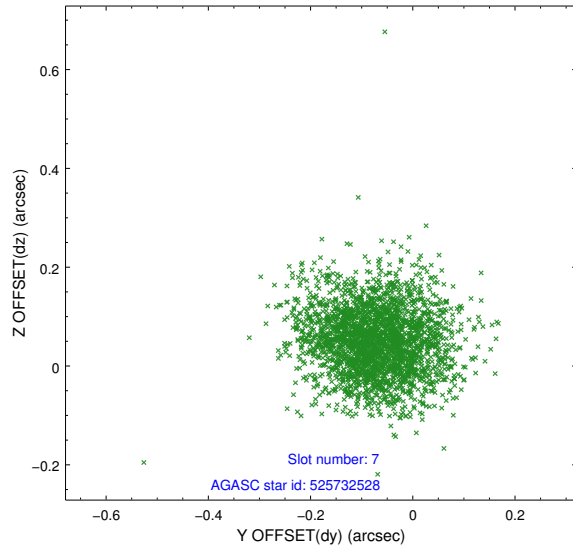
2.4.3 Slot 5



2.4.4 Slot 6

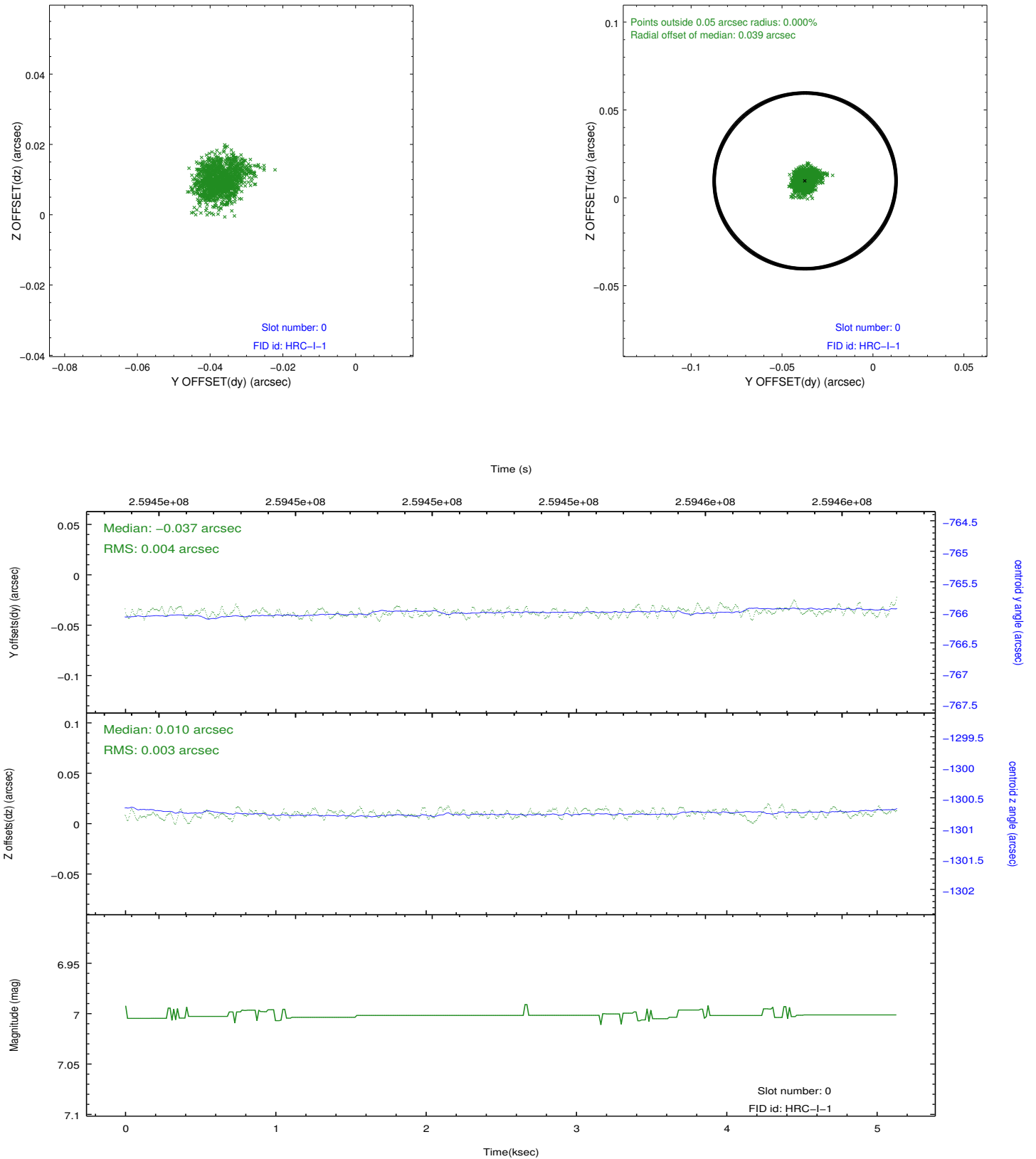


2.4.5 Slot 7

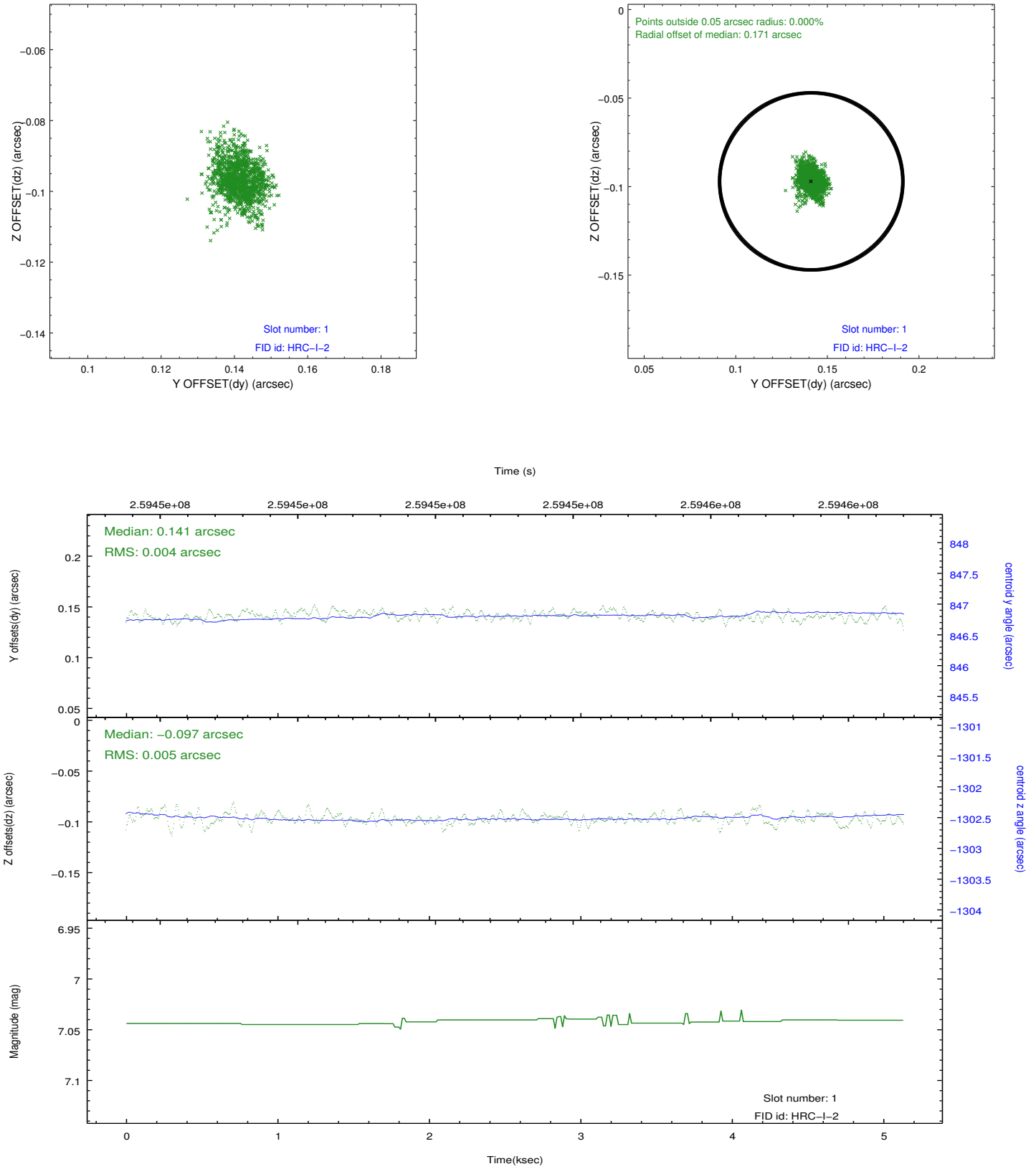


2.5 FID Slots

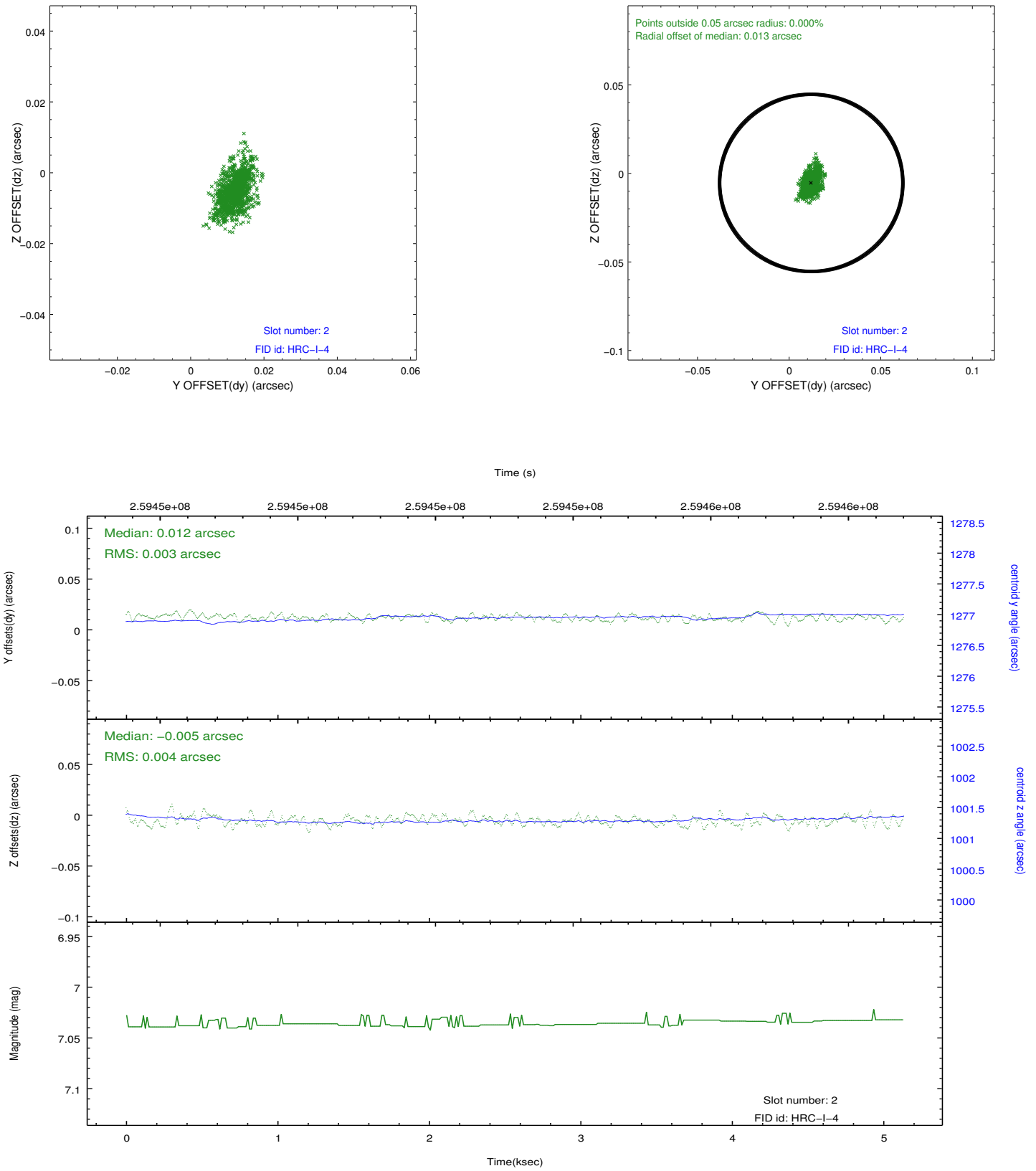
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.04428148

A.2 Comments

Window preference met.