

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 16728 - L2 Version 1
Chandra X-Ray Center

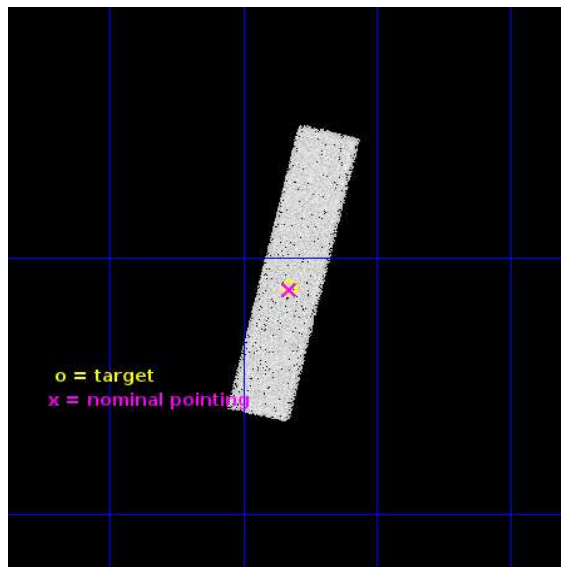
L2 Processing Date : Oct 20 2015

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1 Front

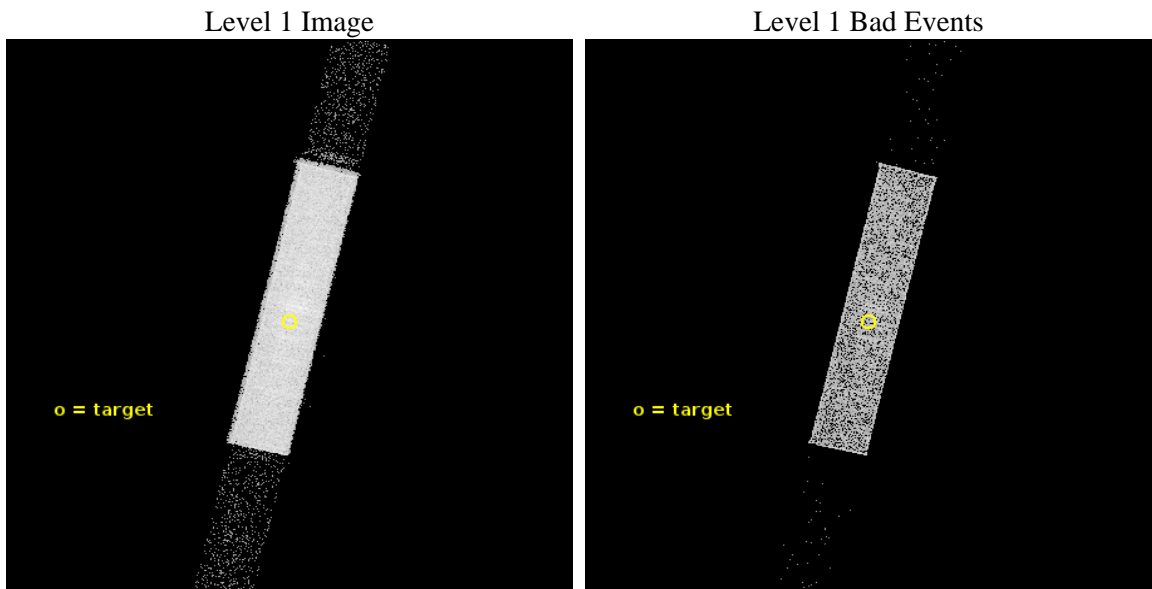
seq_num	401650	Sequence number
obs_id	16728	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Prof. Deepto Chakrabarty	Principal investigator
object	MAXI J1957+032	Source name
ra_targ	299.161667	Observer's specified target RA [deg]
dec_targ	3.442222	Observer's specified target Dec [deg]
ra_nom	299.16391055426	Nominal RA [deg]
dec_nom	3.437547544242	Nominal Dec [deg]
roll_nom	283.56762239275	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1159.5313156843	[s]
livetime	1155.2714115211	Ontime multiplied by DTCOR
l2events	47871	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.2.1	Processing system revision	ontime	1159.5313156843	[s]
caldsver	4.6.10a	 	l1events	151491	Number of level 1 events
date	2015-10-20T15:50:11	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

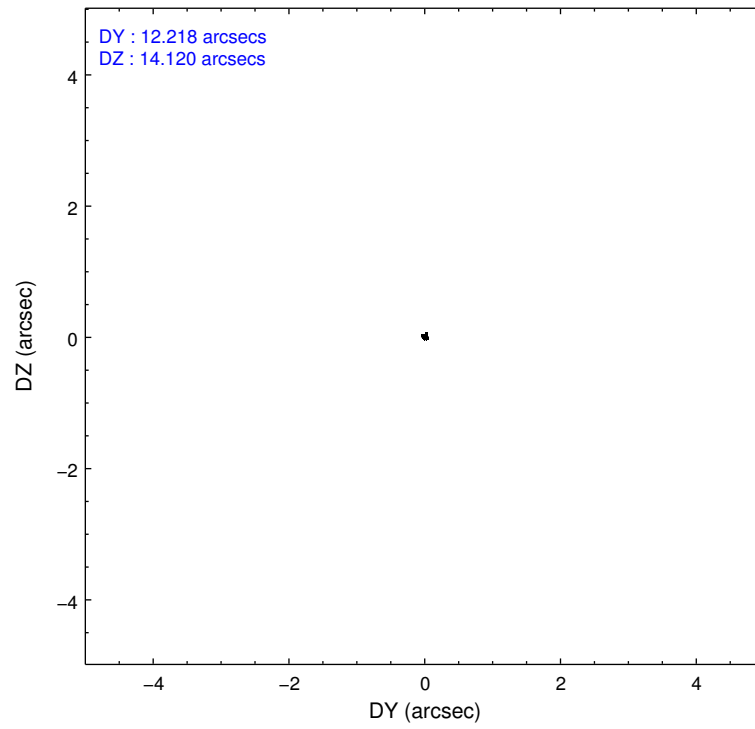
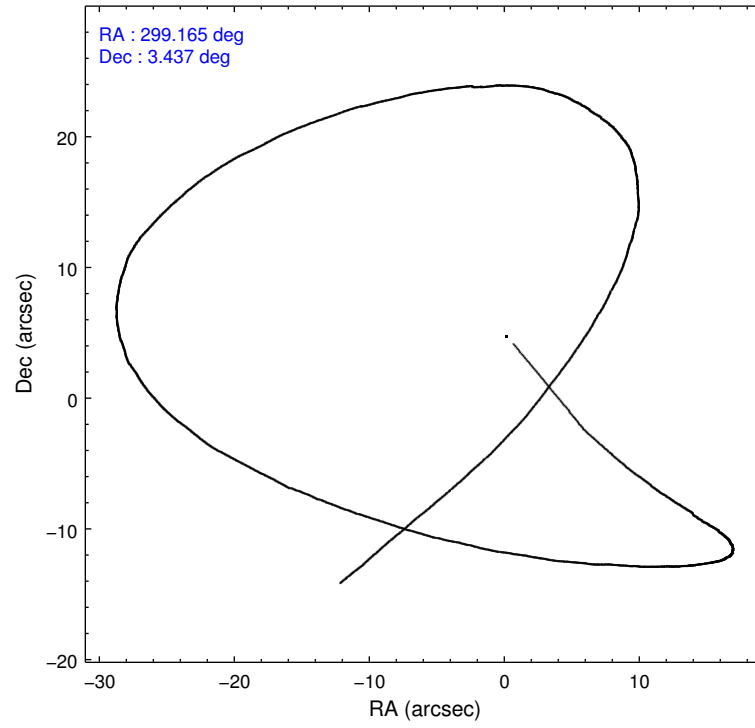
	segment 1	segment 2	segment 3
level 1 events	1611	148423	1457
rejected events	1535	86254	1457
rejected %	95%	58%	100%

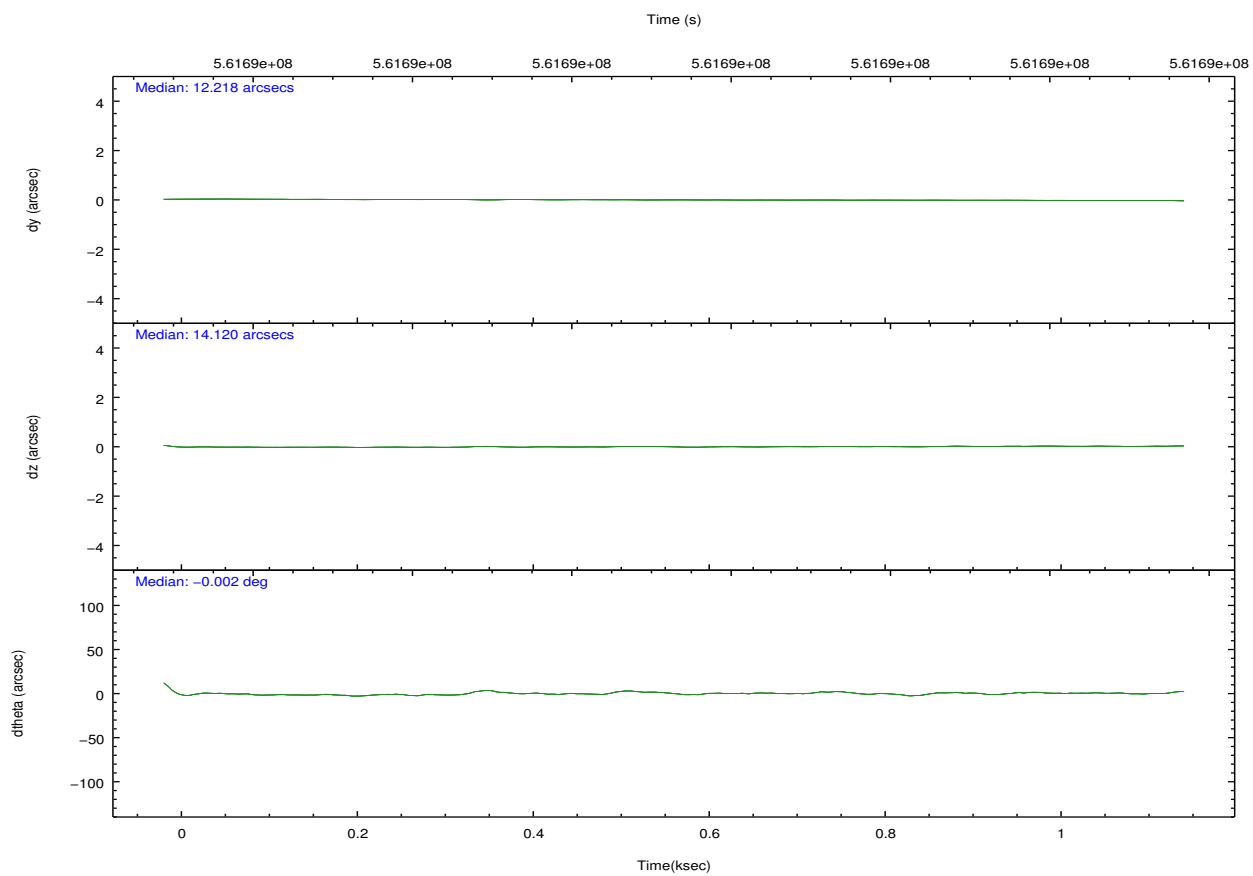
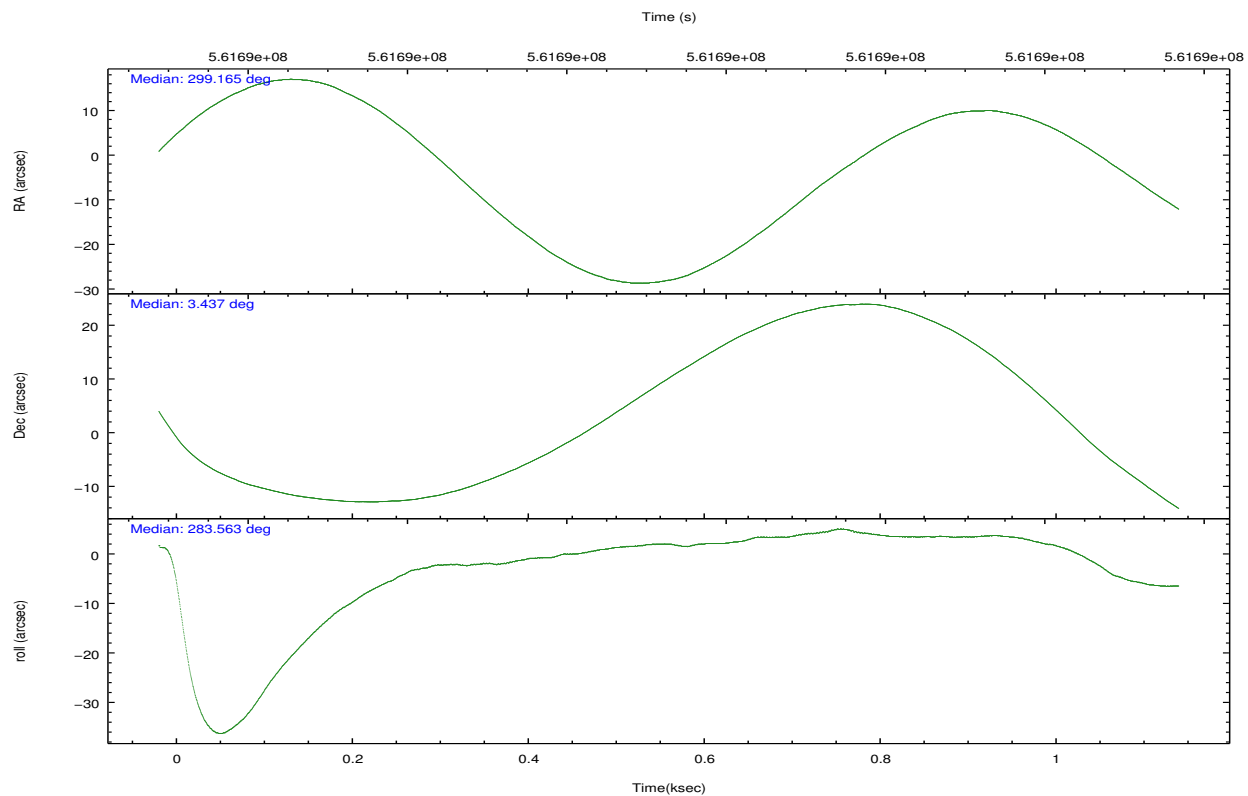
2.2 Compared Parameters

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	299.141882	299.163910554261
[deg] Pointing Dec	3.457368	3.437547544242038
[deg] Pointing Roll	283.501196	283.5676223927456
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	561692493.184000	561691328.77034
Observation start date	2015-10-20T01:40:25	2015-10-20T01:22:08
[s] Observation end time (MET)	561693493.184000	561694201.8455
Observation end date	2015-10-20T01:57:05	2015-10-20T02:10:01

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

2.3 Aspect



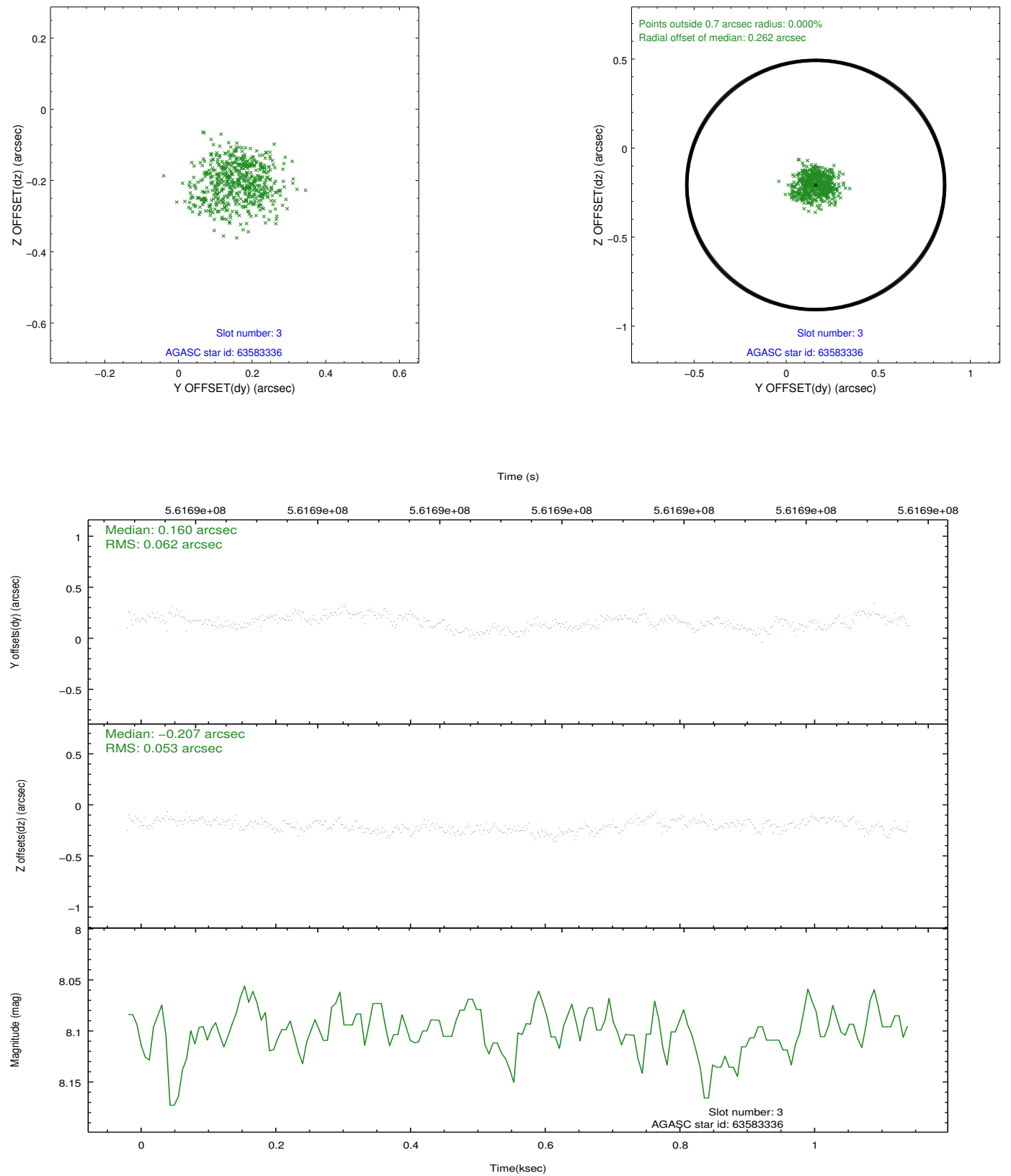


Slot Statistics

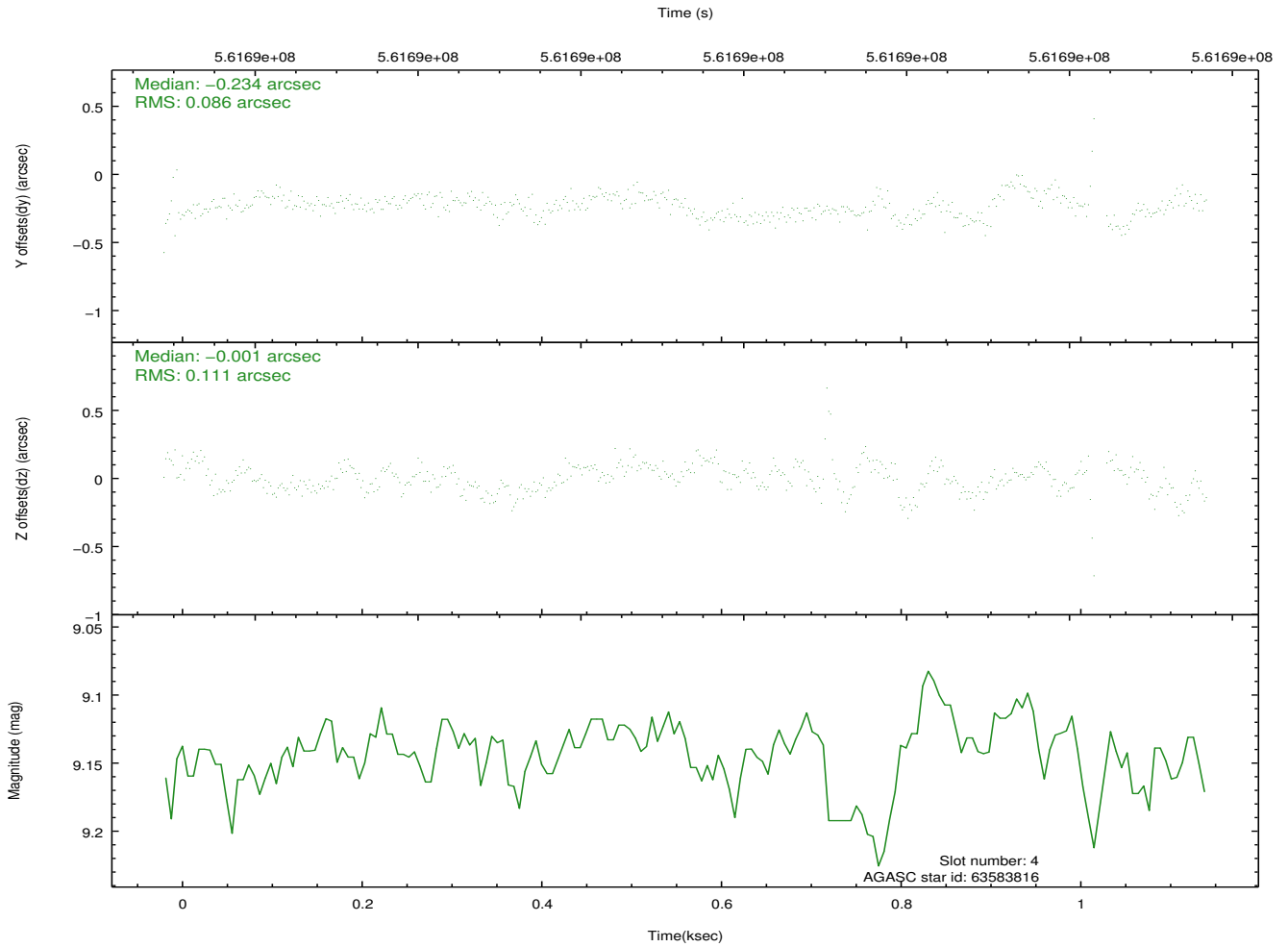
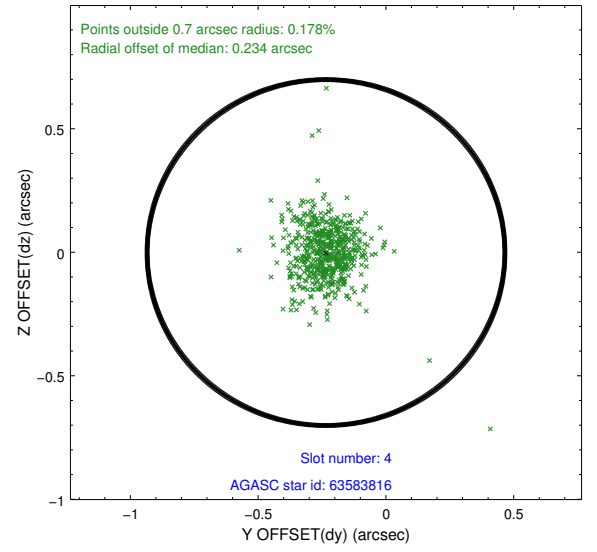
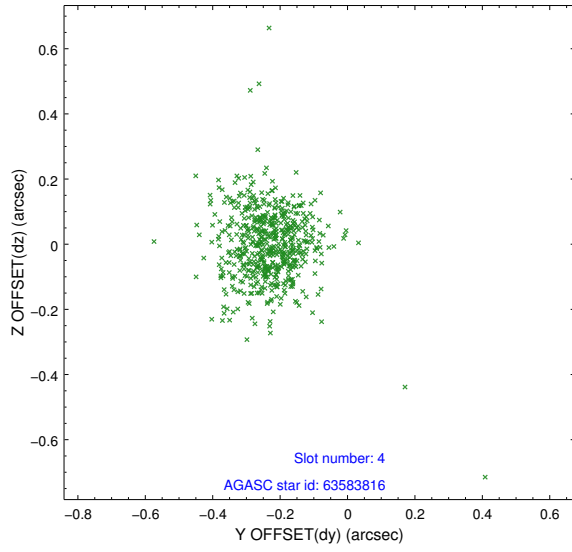
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.00	283	0.015	-0.233	0.007	0.013	0.000000	0.000000	-1166.62	-462.97
1	FID		HRC-S-3	7.00	283	-0.035	-0.014	0.009	0.014	0.000000	0.000000	-1173.48	565.14
2	FID		HRC-S-4	6.96	283	0.407	-0.051	0.005	0.009	0.000000	0.000000	1227.90	571.21
3	GUIDE	used	63583336	8.10	567	0.160	-0.207	0.089	0.137	299.422889	2.988739	1876.05	584.73
4	GUIDE	used	63583816	9.14	561	-0.234	-0.001	0.134	0.232	299.681777	3.195262	1372.85	1664.31
5	GUIDE	used	63595512	9.13	565	0.116	0.117	0.123	0.197	298.672666	3.203884	495.73	-1853.48
6	GUIDE	used	64094648	9.15	566	0.082	-0.010	0.172	0.262	298.594081	3.957444	-2209.63	-1499.91
7	GUIDE	used	64102496	8.55	566	-0.138	0.112	0.099	0.162	298.774394	3.995456	-2195.17	-838.56

2.4 Star Slots

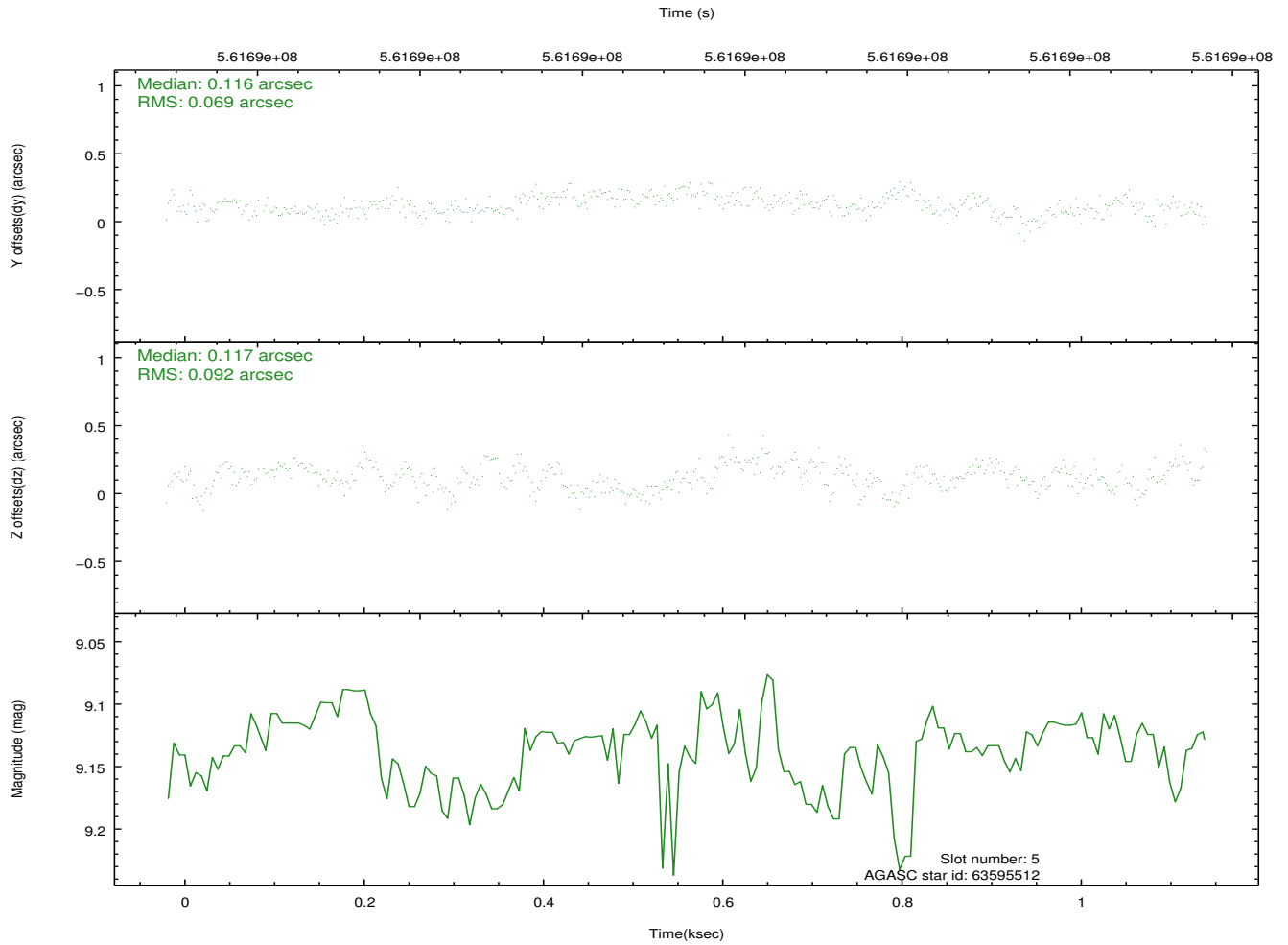
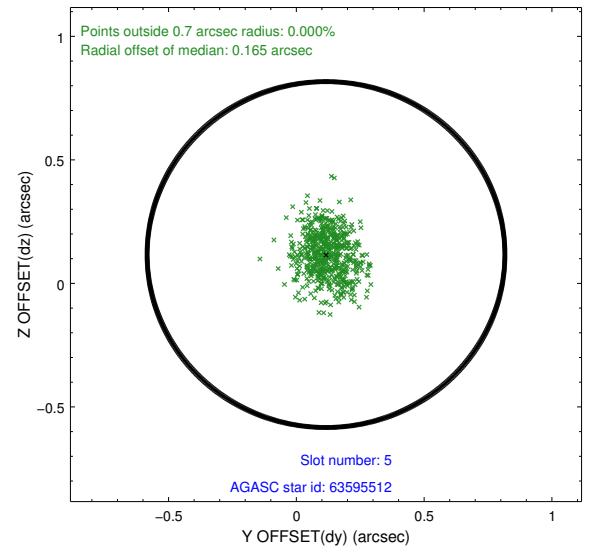
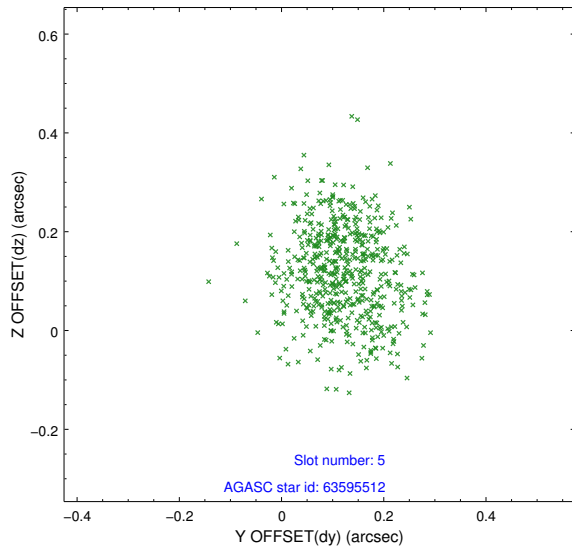
2.4.1 Slot 3



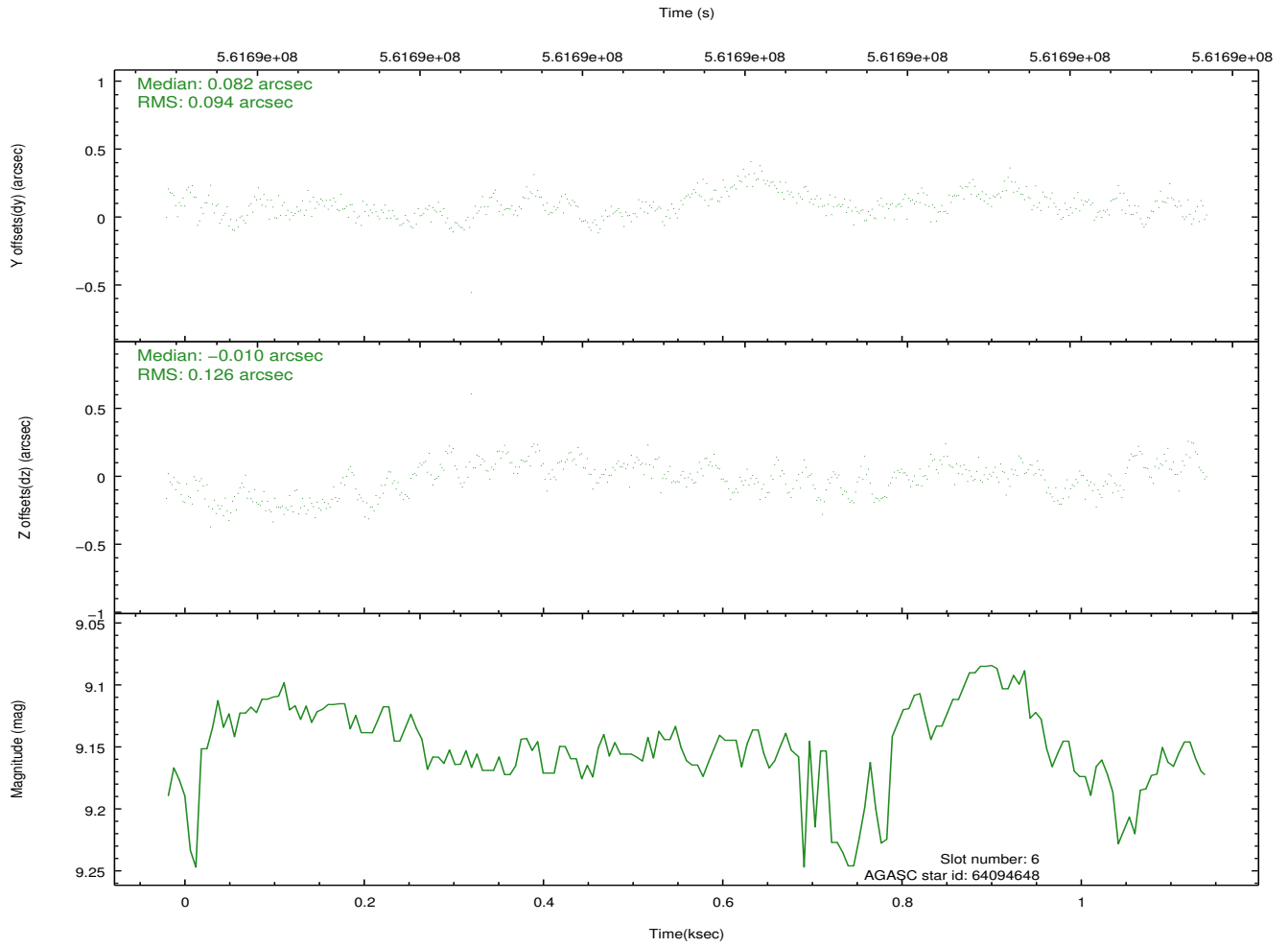
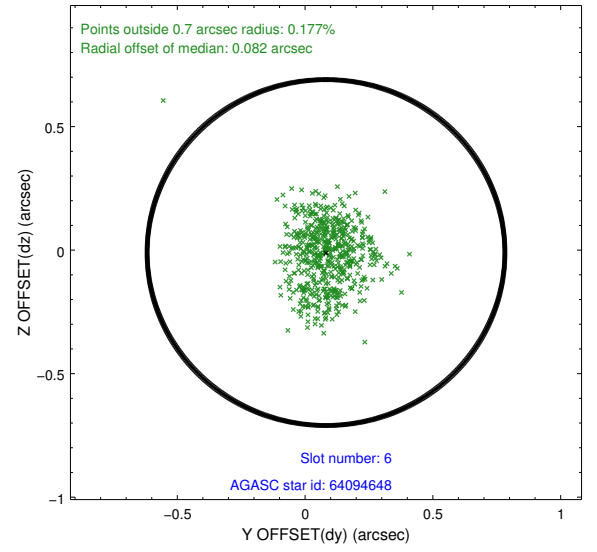
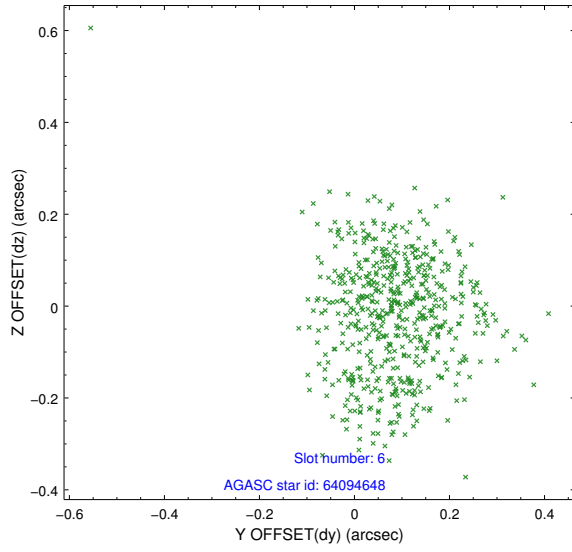
2.4.2 Slot 4



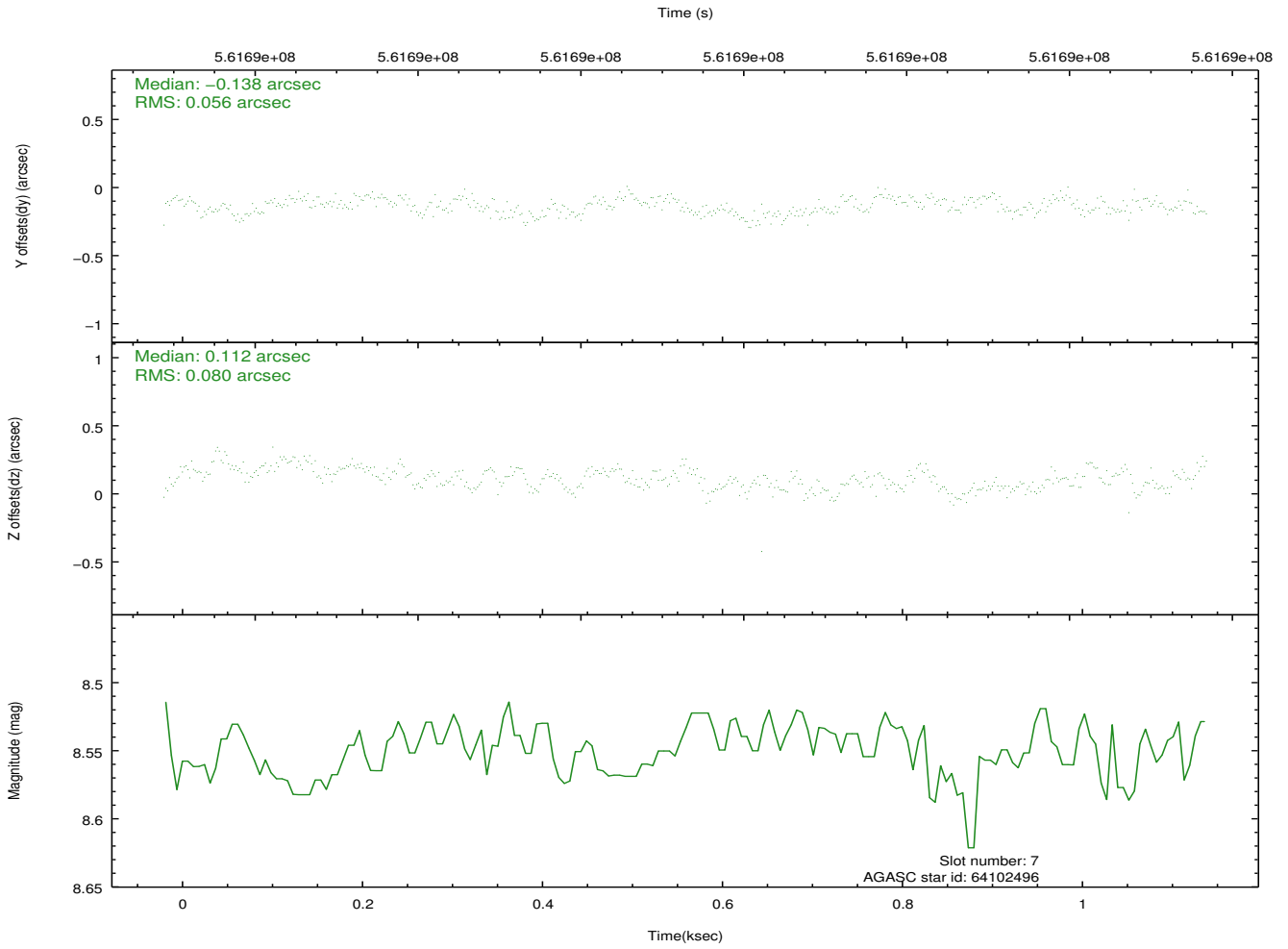
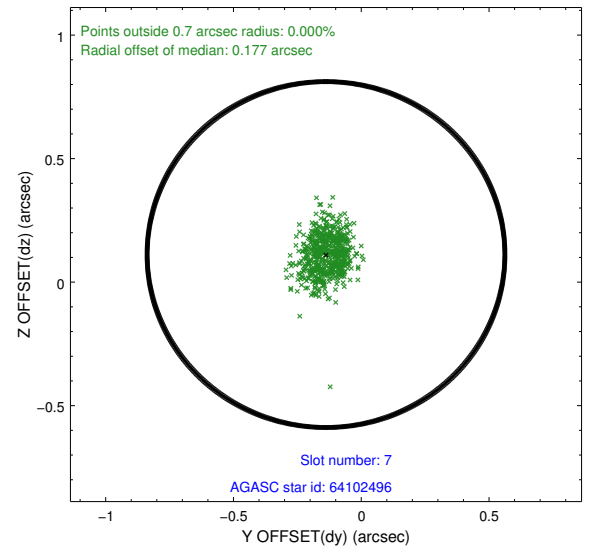
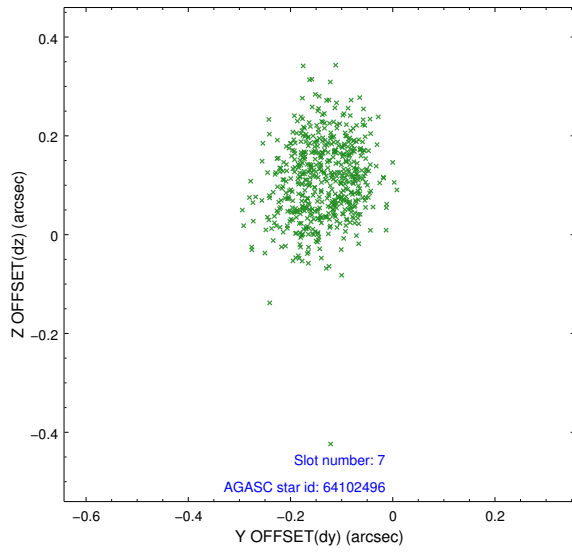
2.4.3 Slot 5



2.4.4 Slot 6

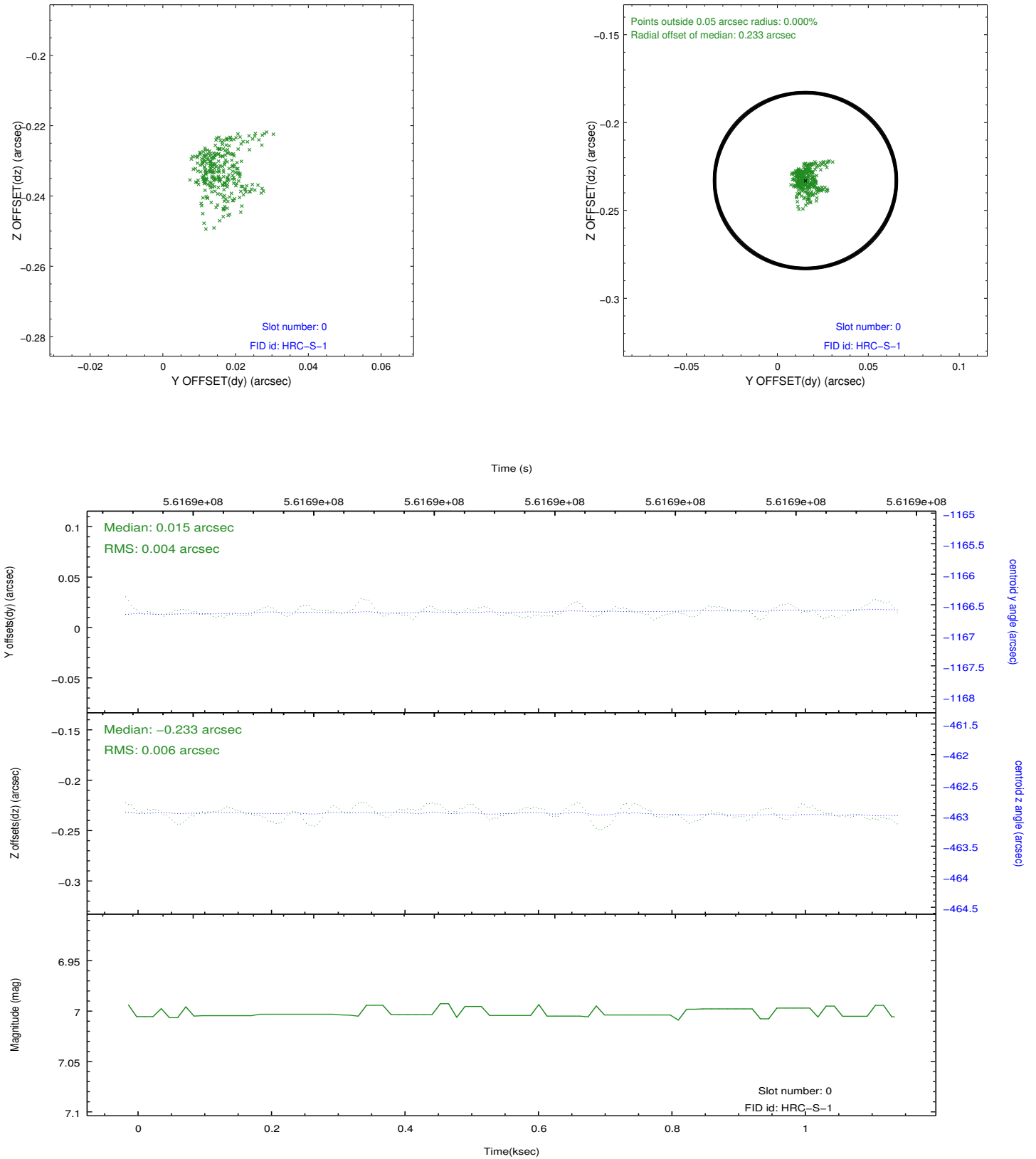


2.4.5 Slot 7

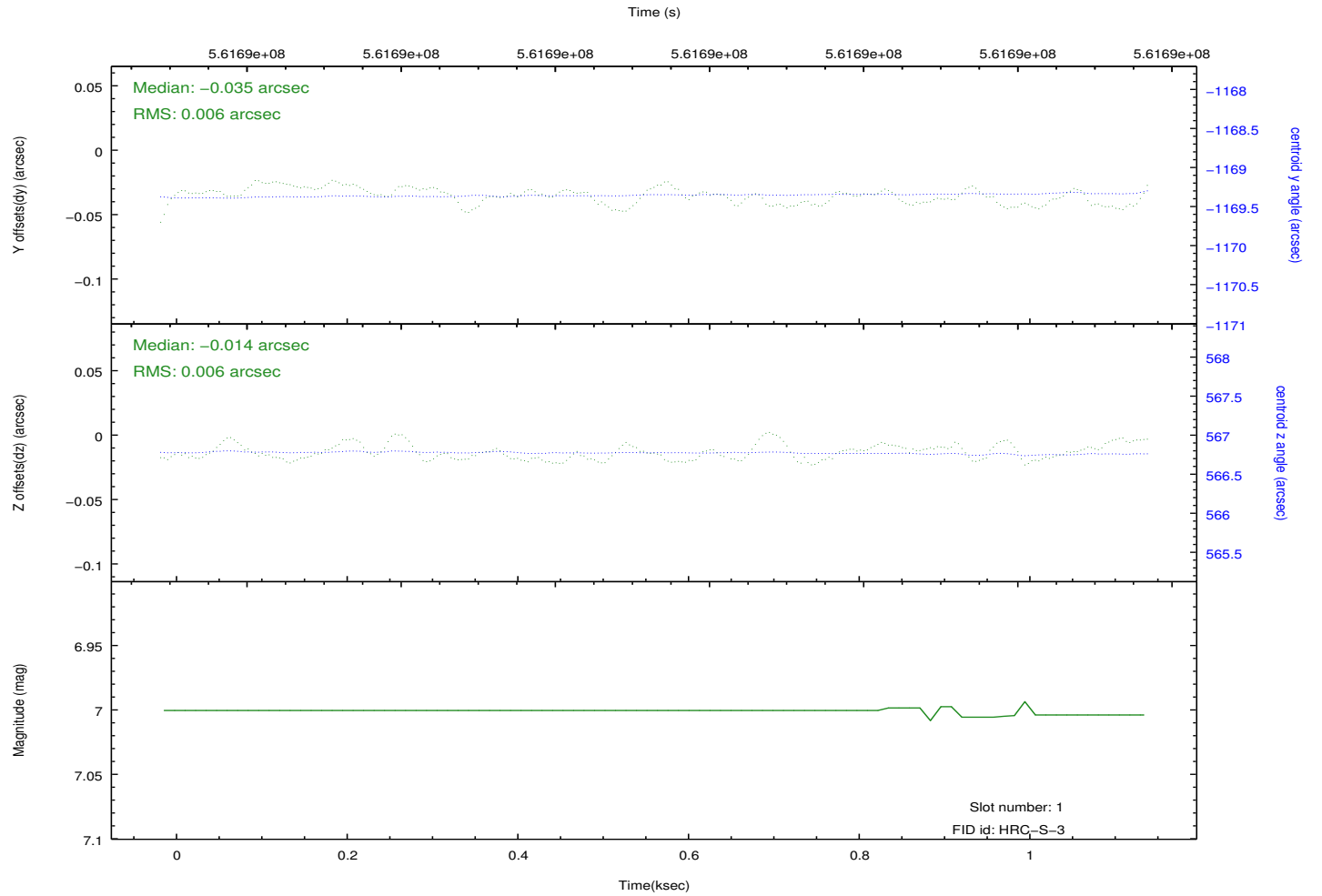
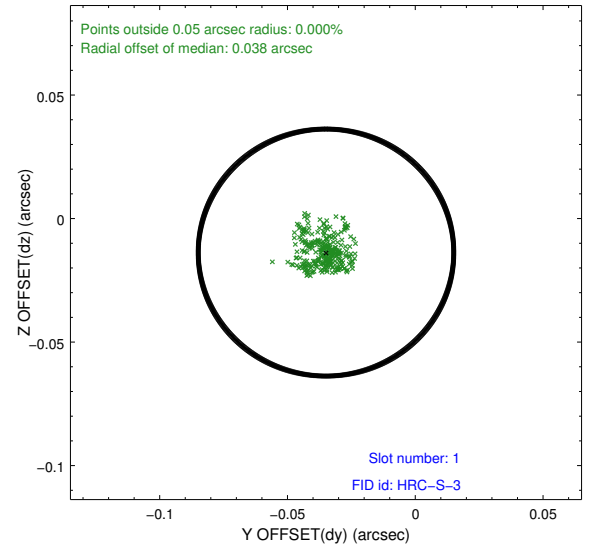
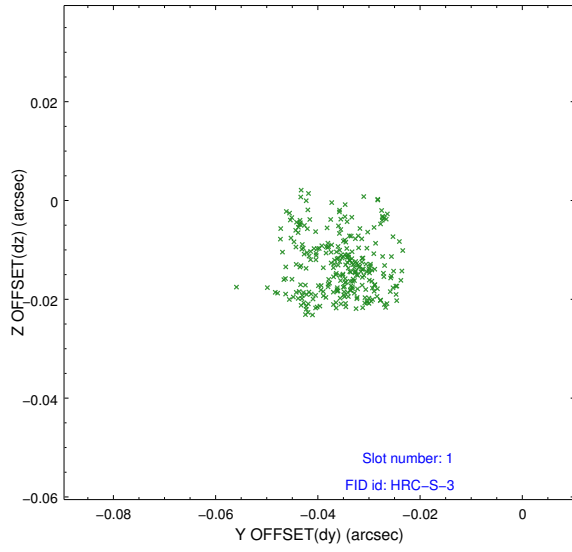


2.5 FID Slots

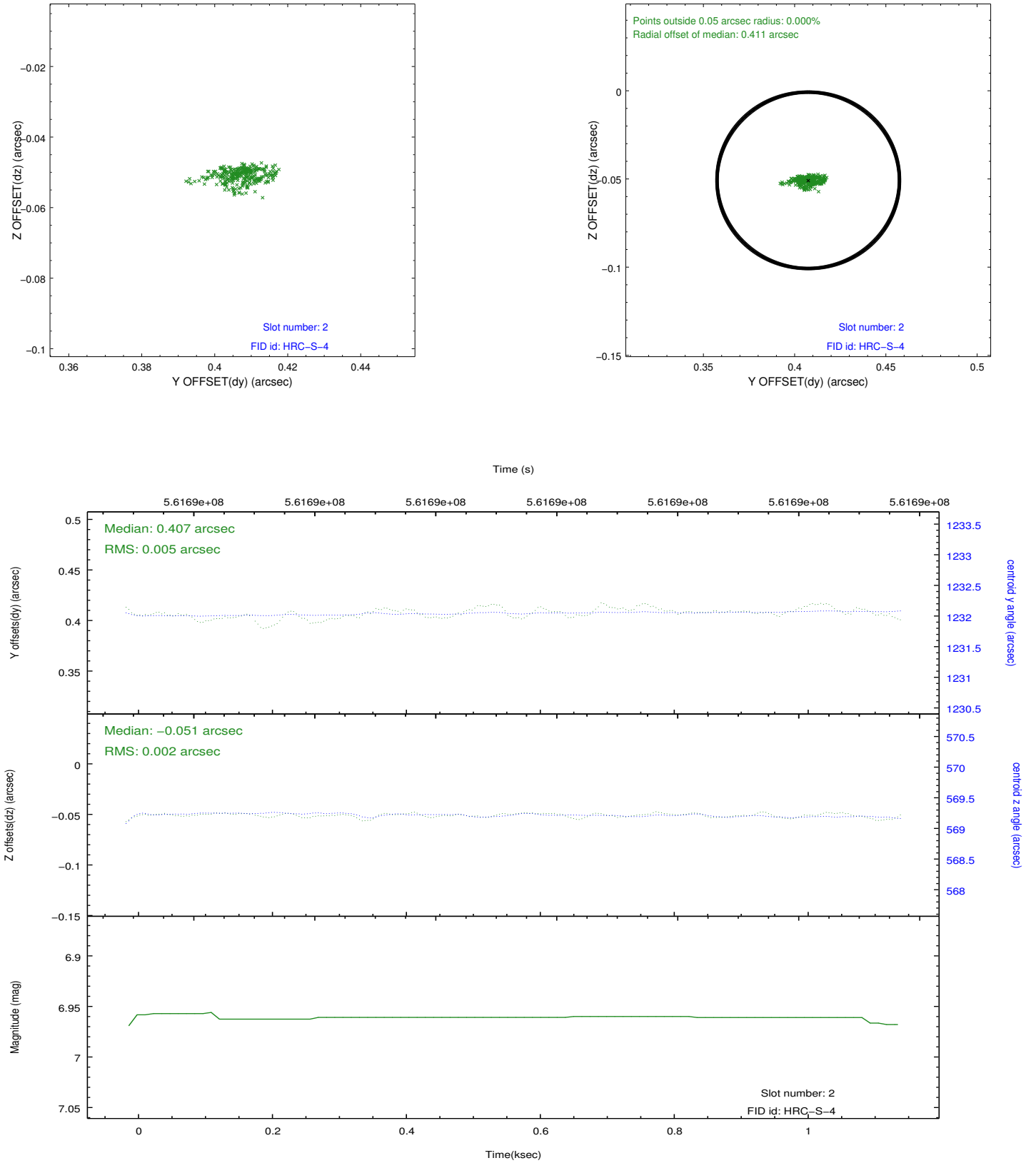
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.10.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1595313156843

A.2 Comments