

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1979 - L2 Version 4
Chandra X-Ray Center

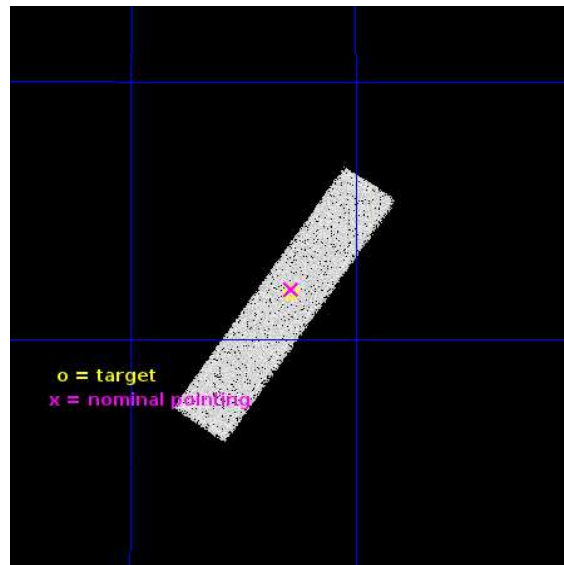
L2 Processing Date : Jun 28 2013

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1 Front

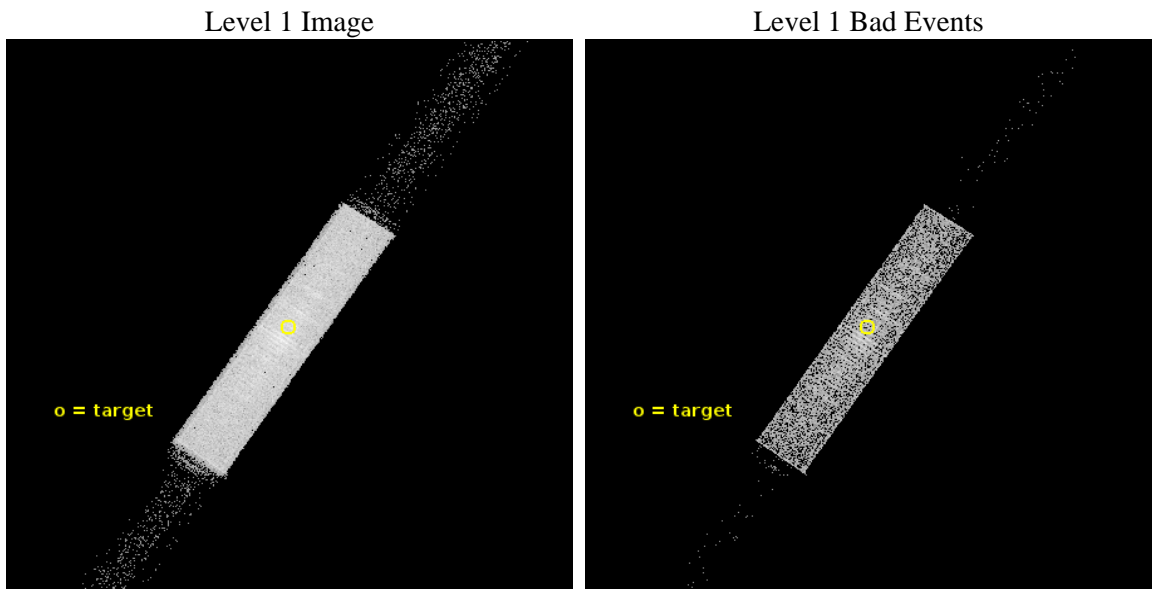
seq_num	500156	Sequence number
obs_id	1979	Observation id
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	1RXSJ1452+3235	Source name
ra_targ	223.145417	Observer's specified target RA [deg]
dec_targ	32.593333	Observer's specified target Dec [deg]
ra_nom	223.14280604376	Nominal RA [deg]
dec_nom	32.59804516013	Nominal Dec [deg]
roll_nom	124.25340440967	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1291.756300047	[s]
livetime	1287.9152652517	Ontime multiplied by DTCOR
l2events	35245	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	1150.000000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	1291.756300047	[s]
caldsver	4.5.7	 	l1events	123054	Number of level 1 events
date	2013-06-28T23:15:51	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

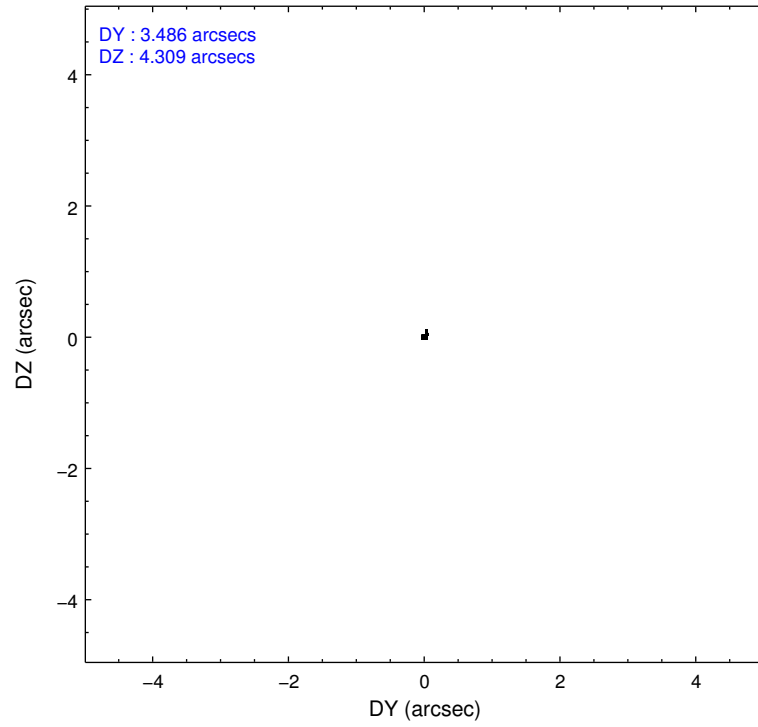
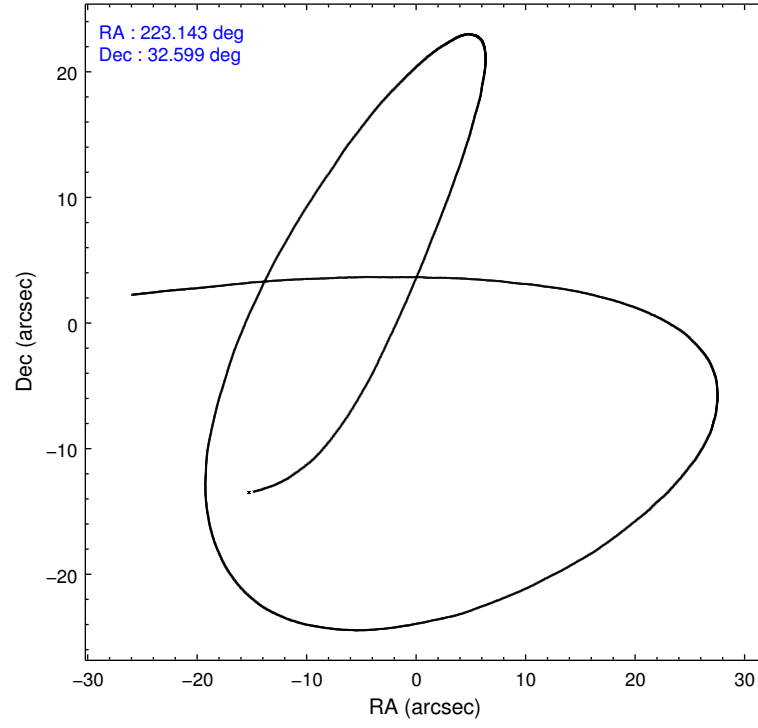
	segment 1	segment 2	segment 3
level 1 events	1853	119546	1655
rejected events	1761	63655	1655
rejected %	95%	53%	100%

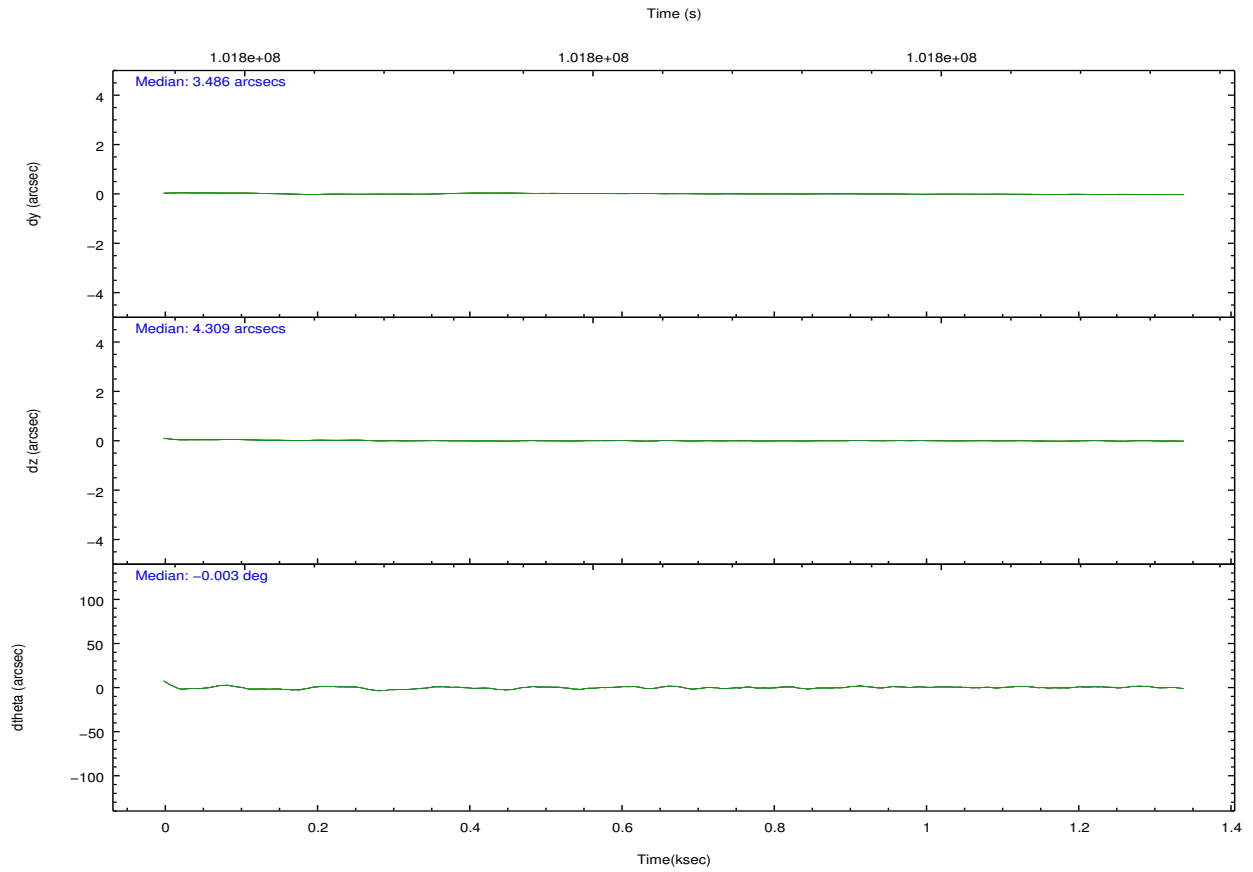
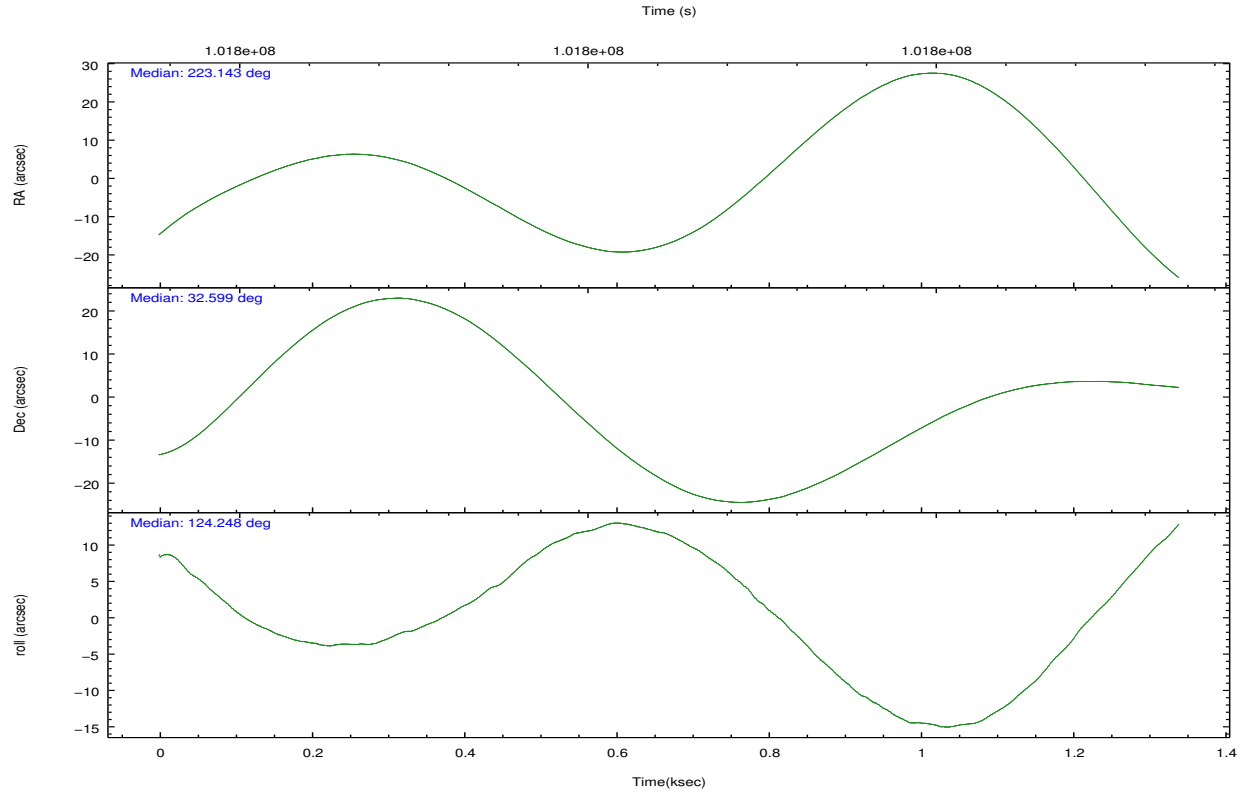
2.2 Compared Parameters

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	223.173691	223.1428060437614
[deg] Pointing Dec	32.586137	32.59804516013048
[deg] Pointing Roll	124.169390	124.2534044096659
[mm] SIM focus pos	-1.529586	-1.523540733526241
[mm] SIM defocus	0.003750771043328743	0.009795905878055677
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	101799637.184000	101798753.38749
Observation start date	2001-03-24T05:39:33	2001-03-24T05:25:53
[s] Observation end time (MET)	101800787.184000	101801528.5751
Observation end date	2001-03-24T05:58:43	2001-03-24T06:12:08

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

2.3 Aspect



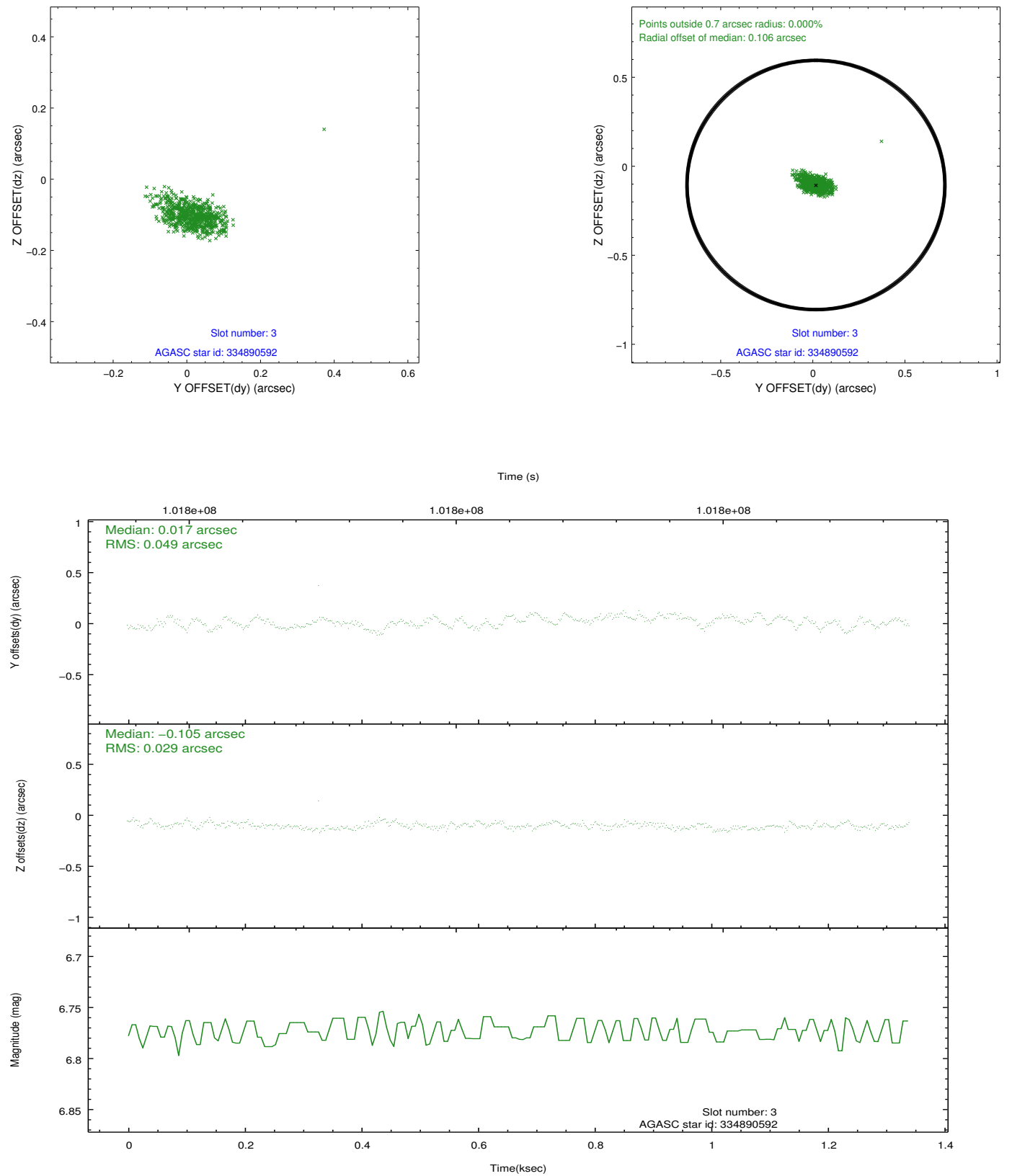


Slot Statistics

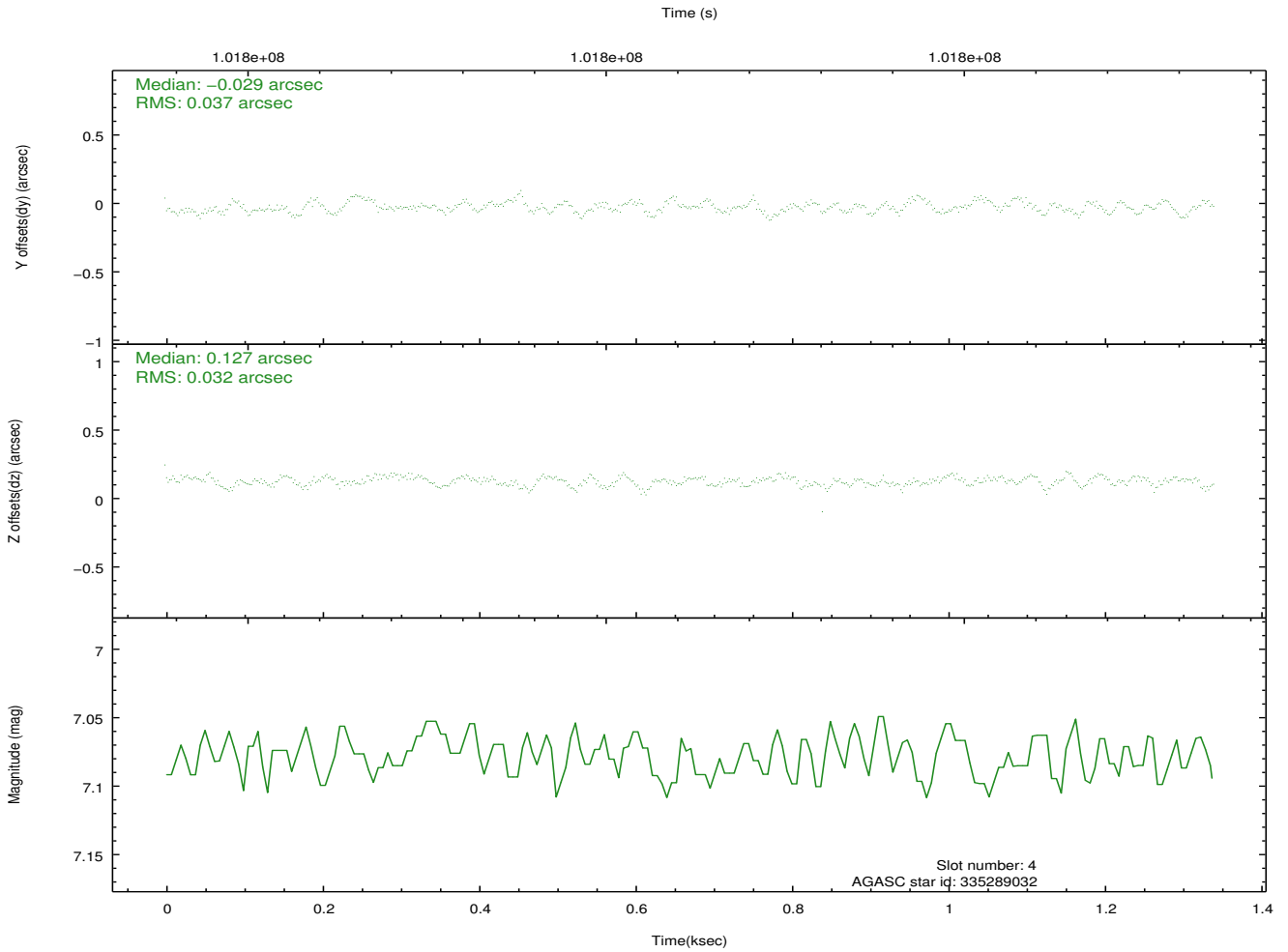
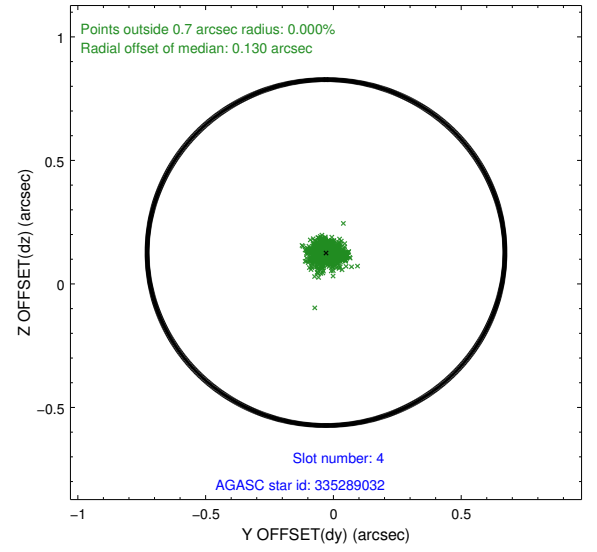
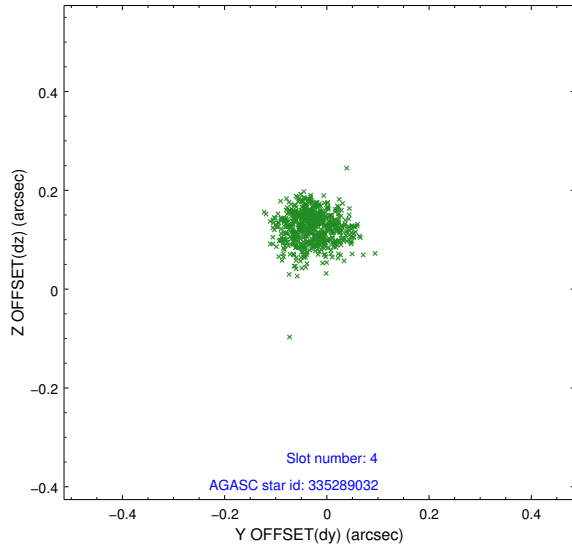
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	327	0.135	-0.133	0.007	0.011	0.000000	0.000000	-1157.54	-452.73
1	FID	HRC-S-3	7.00	327	0.137	-0.061	0.008	0.014	0.000000	0.000000	-1163.80	575.48
2	FID	HRC-S-4	6.93	327	0.115	-0.103	0.004	0.007	0.000000	0.000000	1237.12	581.12
3	GUIDE	334890592	6.77	655	0.017	-0.105	0.057	0.096	223.182348	31.925021	-1985.49	1316.84
4	GUIDE	335289032	7.08	655	-0.029	0.127	0.053	0.083	223.828807	32.823890	-404.08	-2119.55
5	GUIDE	335290808	7.07	655	0.006	0.049	0.057	0.092	223.222757	32.690903	226.70	-335.76
6	GUIDE	335290992	9.22	655	-0.028	-0.028	0.072	0.120	223.002391	32.578317	267.87	447.26
7	GUIDE	335287880	9.31	654	0.032	-0.045	0.076	0.127	222.745224	32.964695	1855.70	307.02

2.4 Star Slots

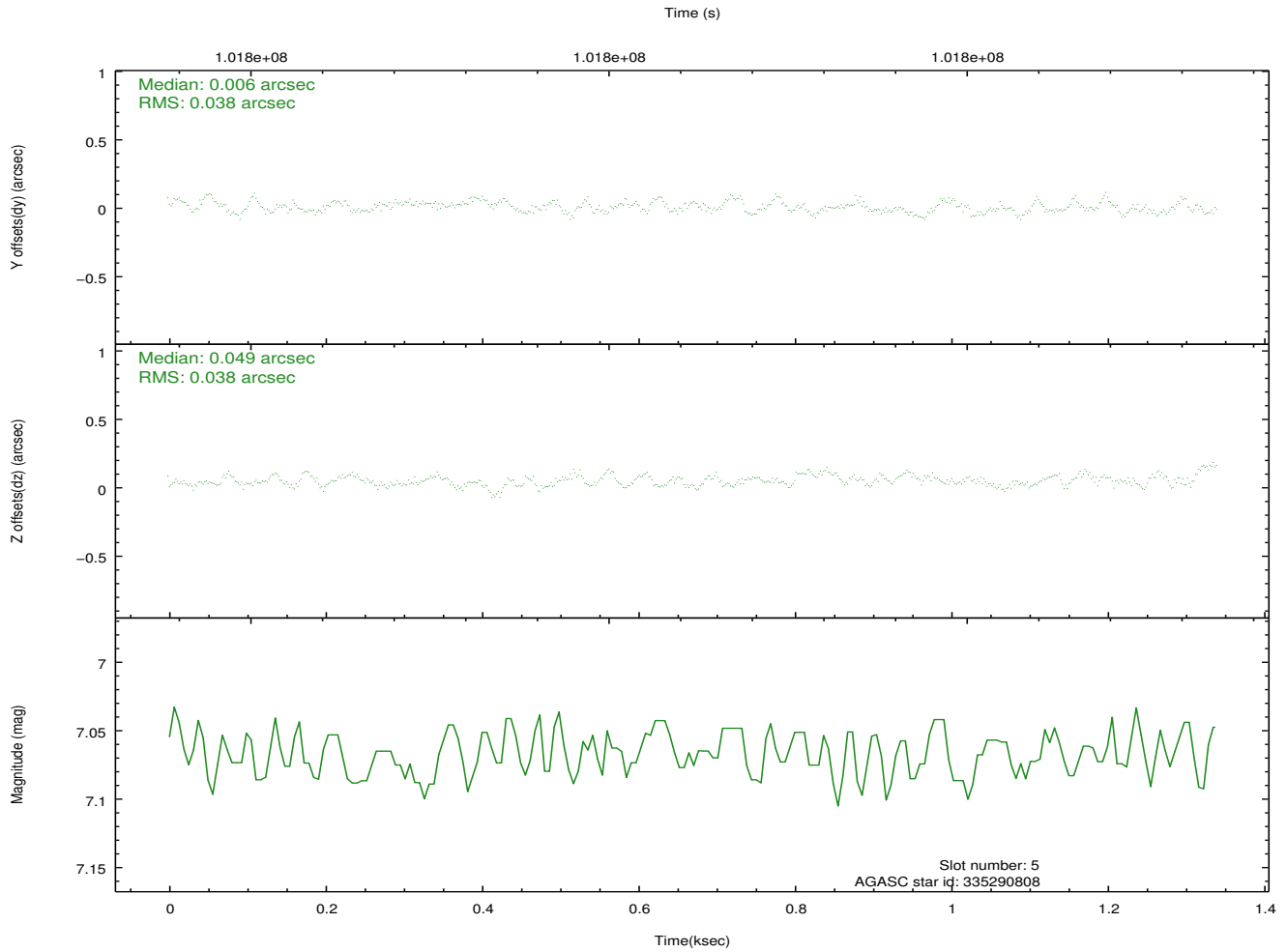
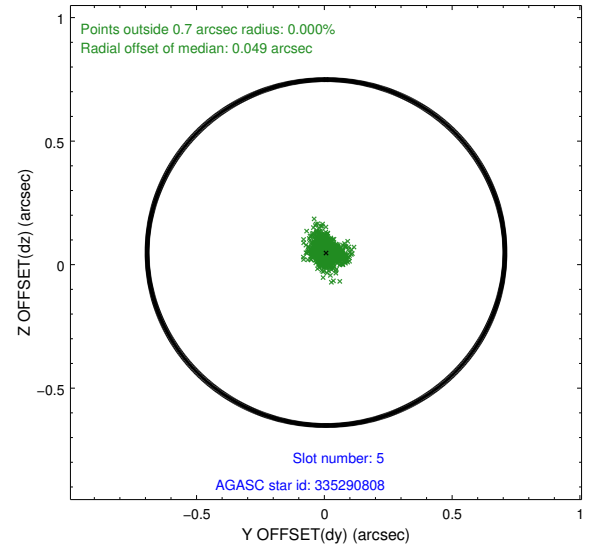
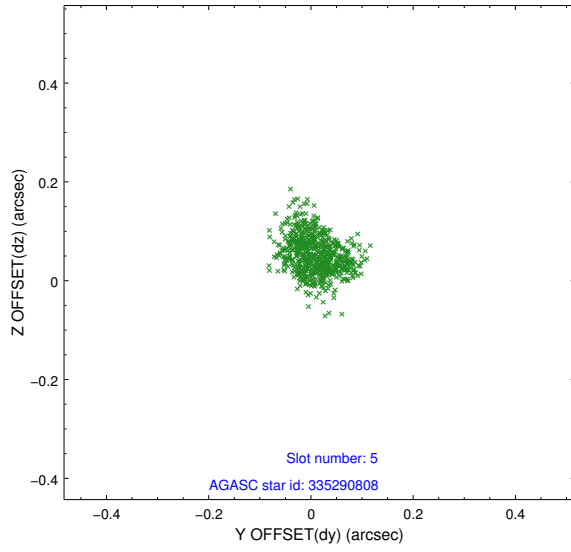
2.4.1 Slot 3



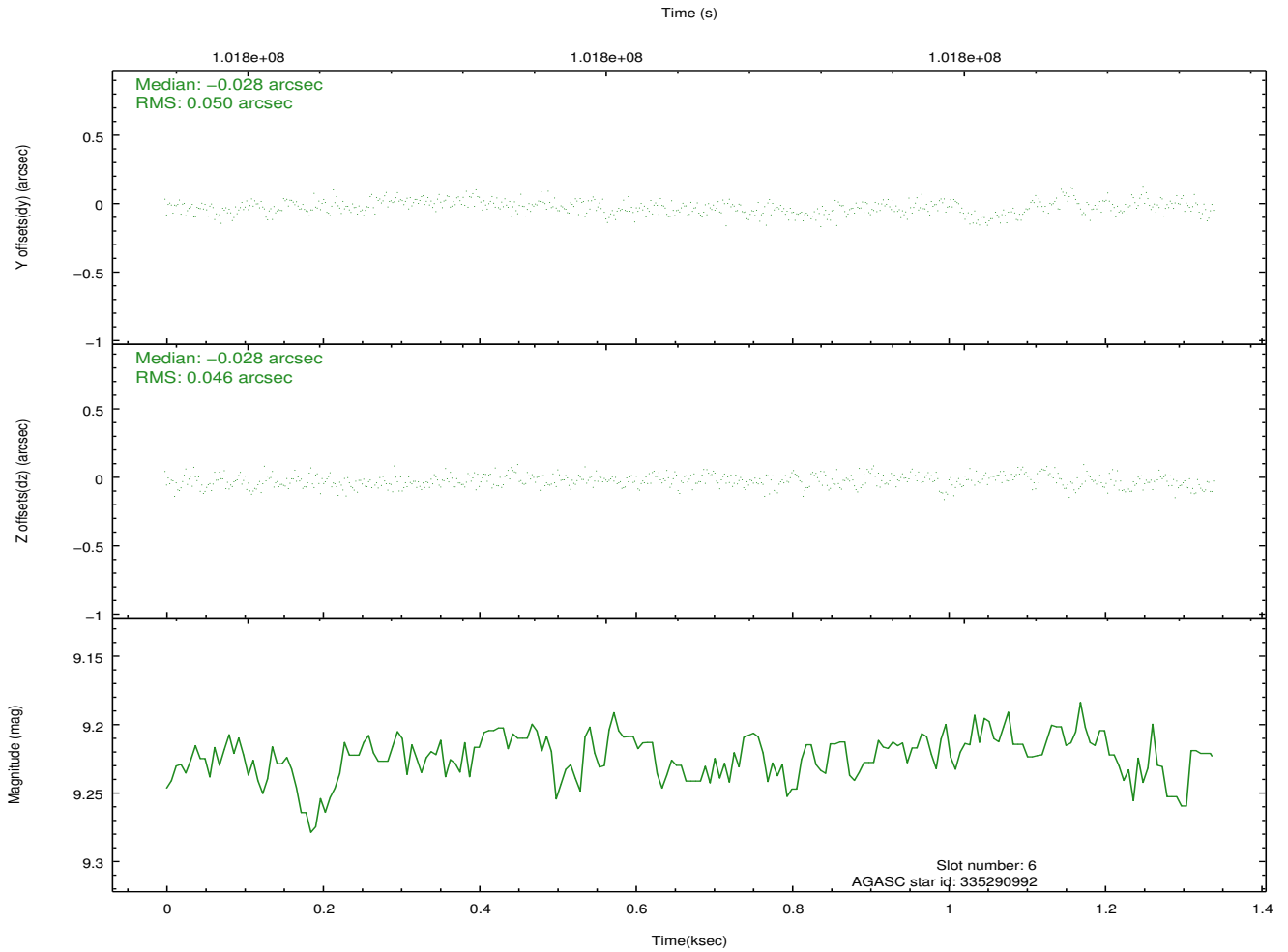
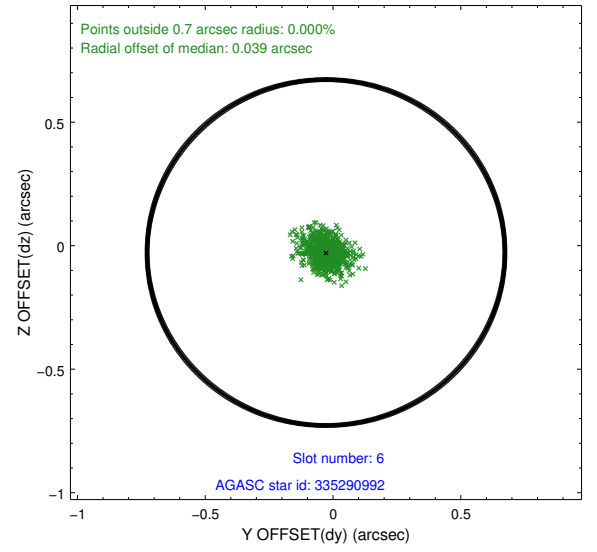
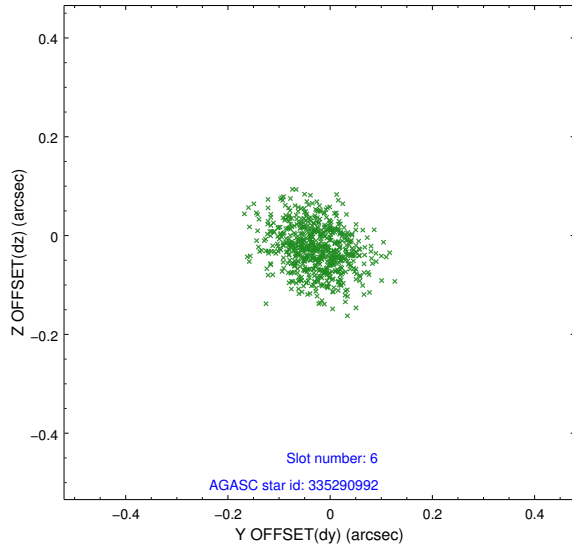
2.4.2 Slot 4



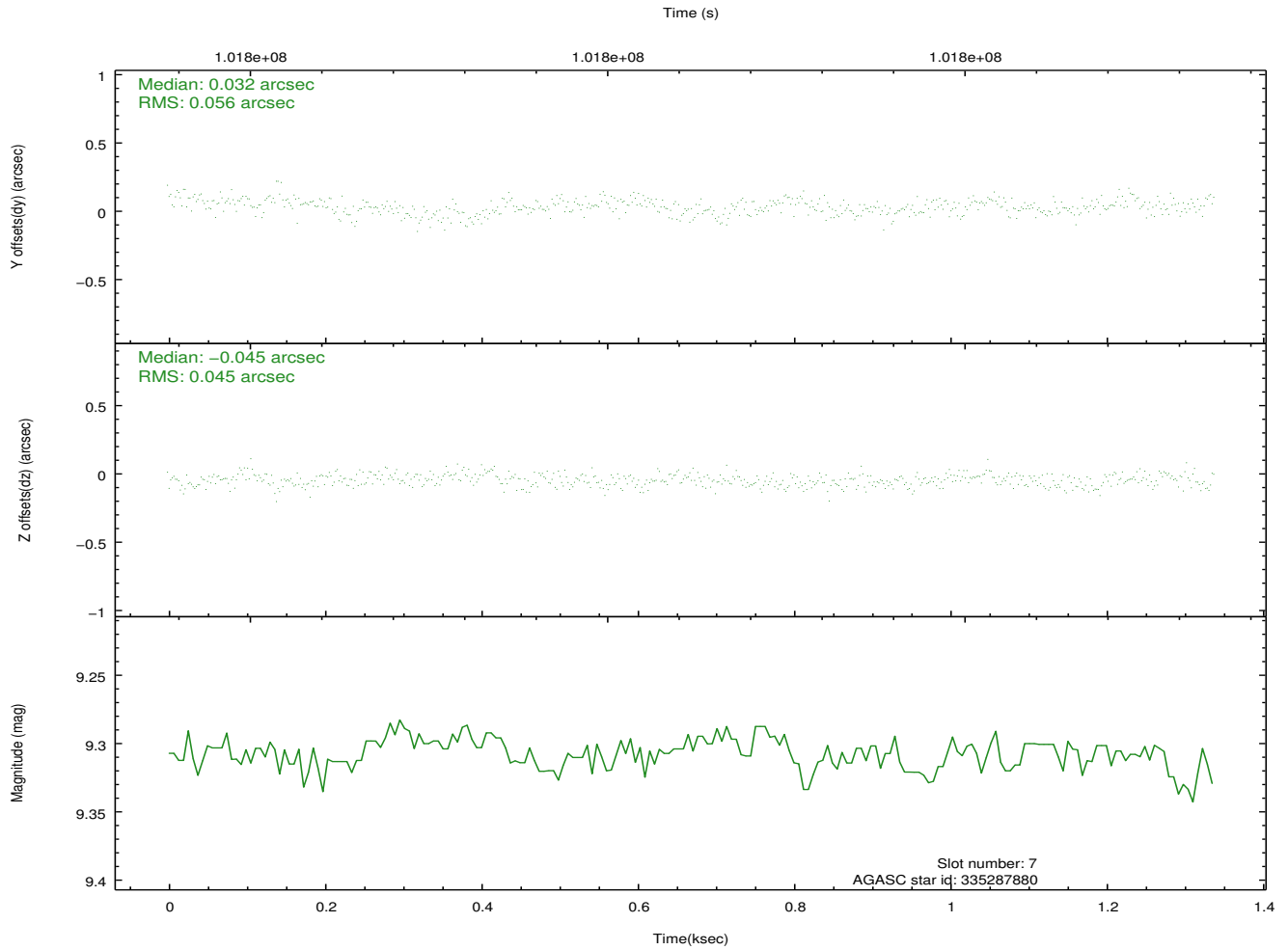
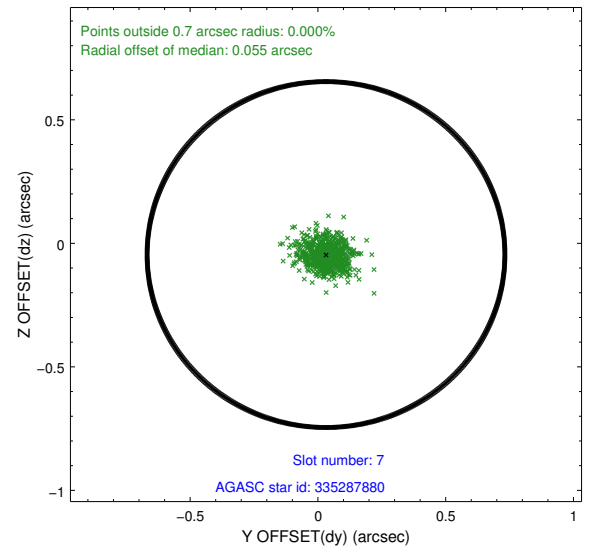
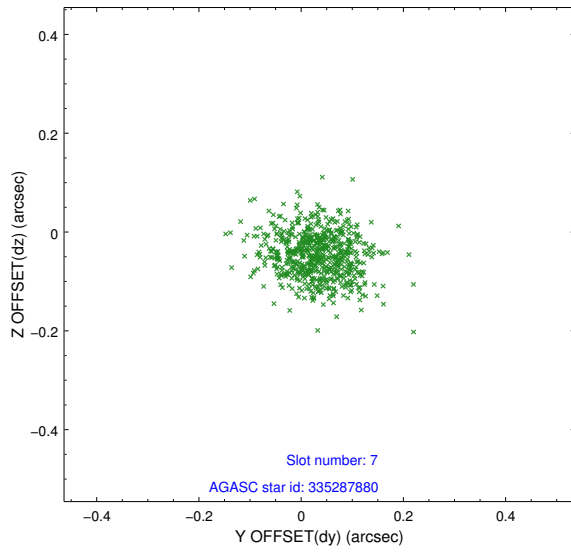
2.4.3 Slot 5



2.4.4 Slot 6

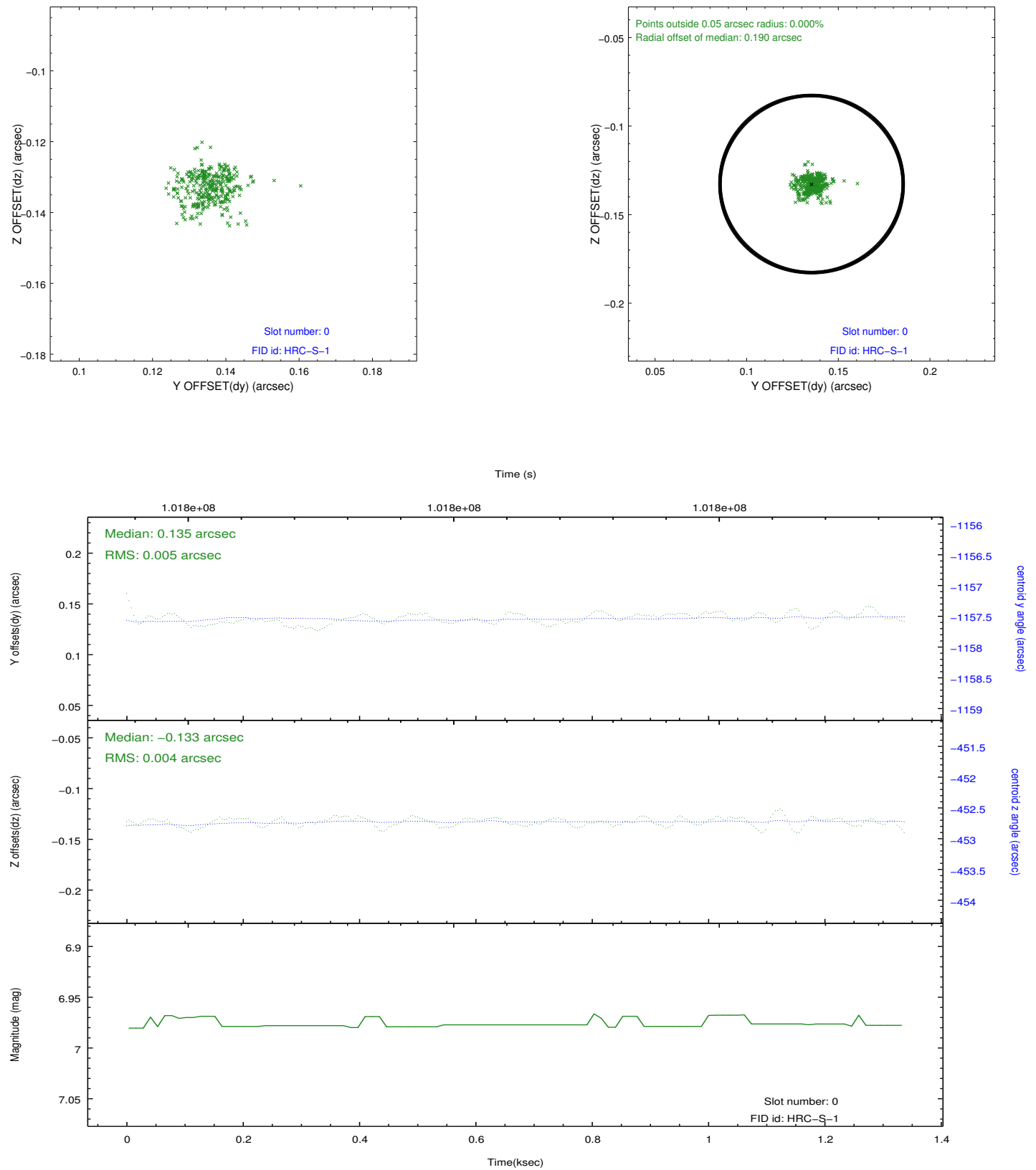


2.4.5 Slot 7

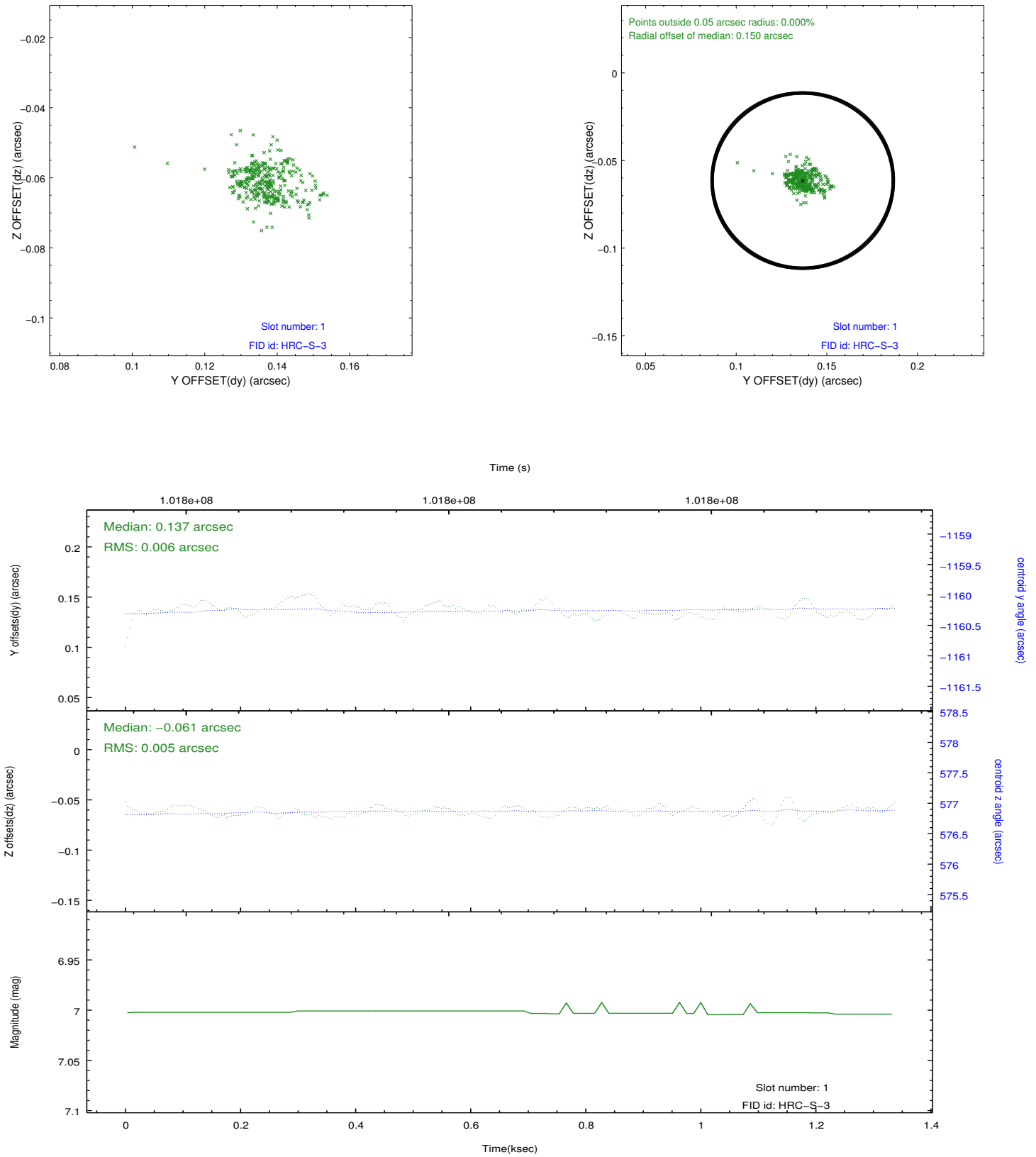


2.5 FID Slots

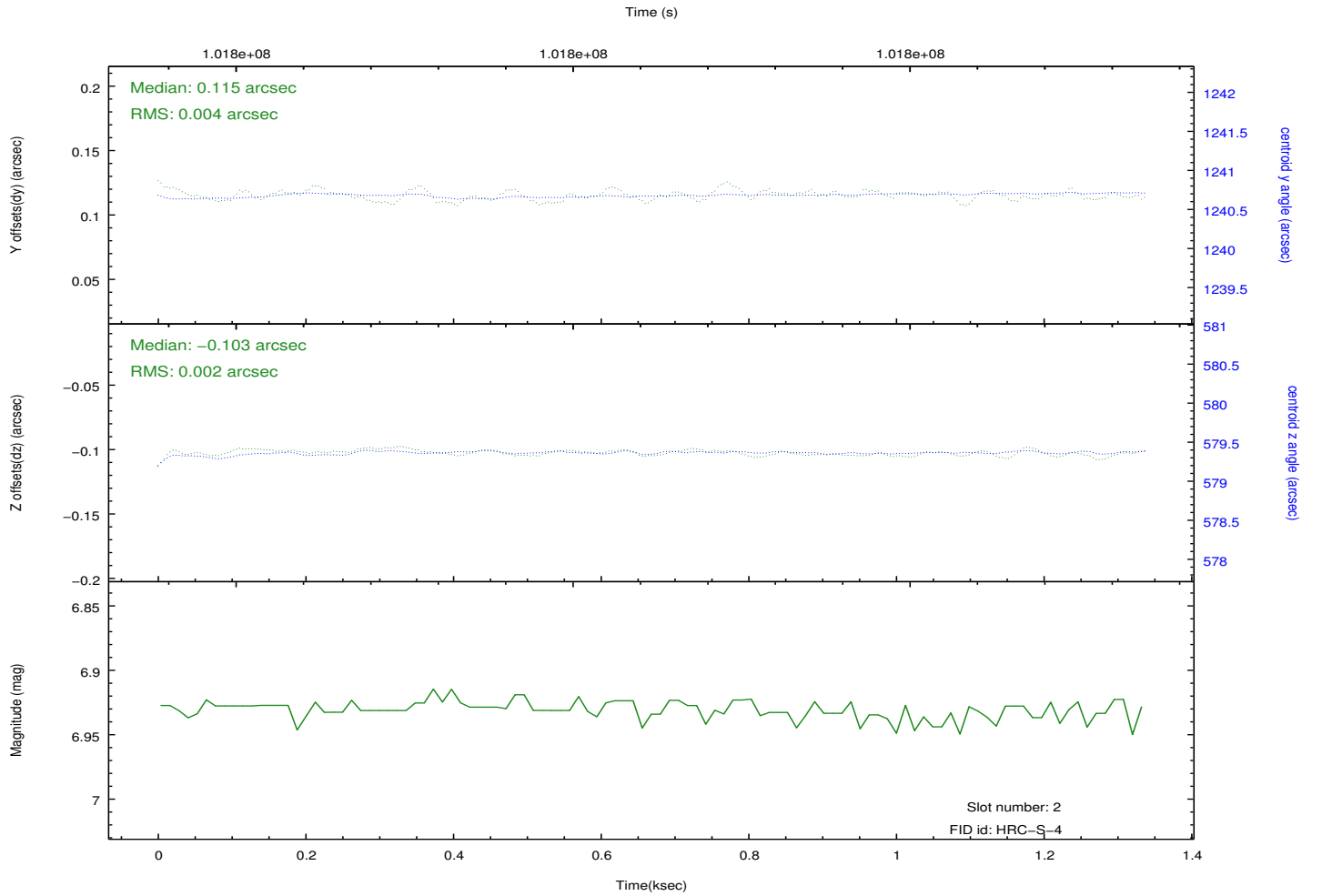
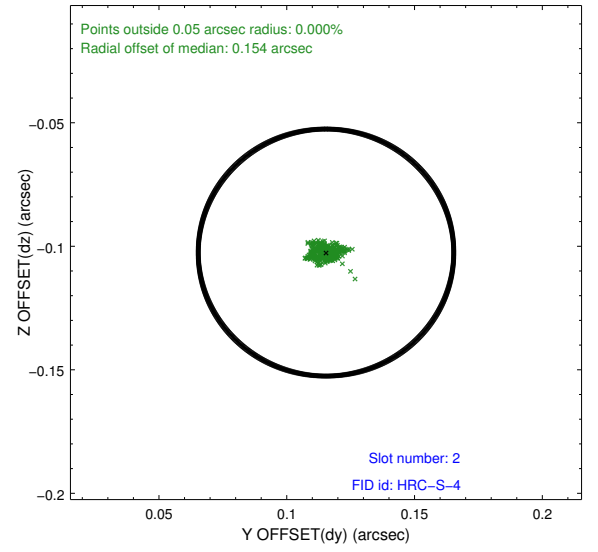
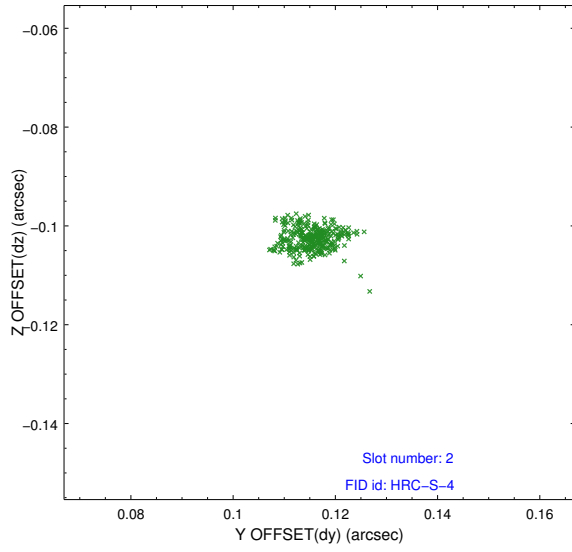
2.5.1 Slot 0



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)	2013.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.33

A.2 Comments

Charge time for this observation remains at previous value of 1.33 ksec.