

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3948 - L2 Version 7
Chandra X-Ray Center

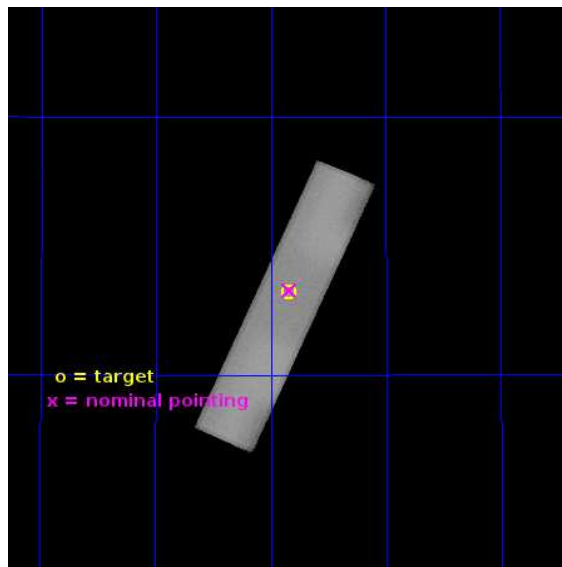
L2 Processing Date : Jun 28 2013

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1 Front

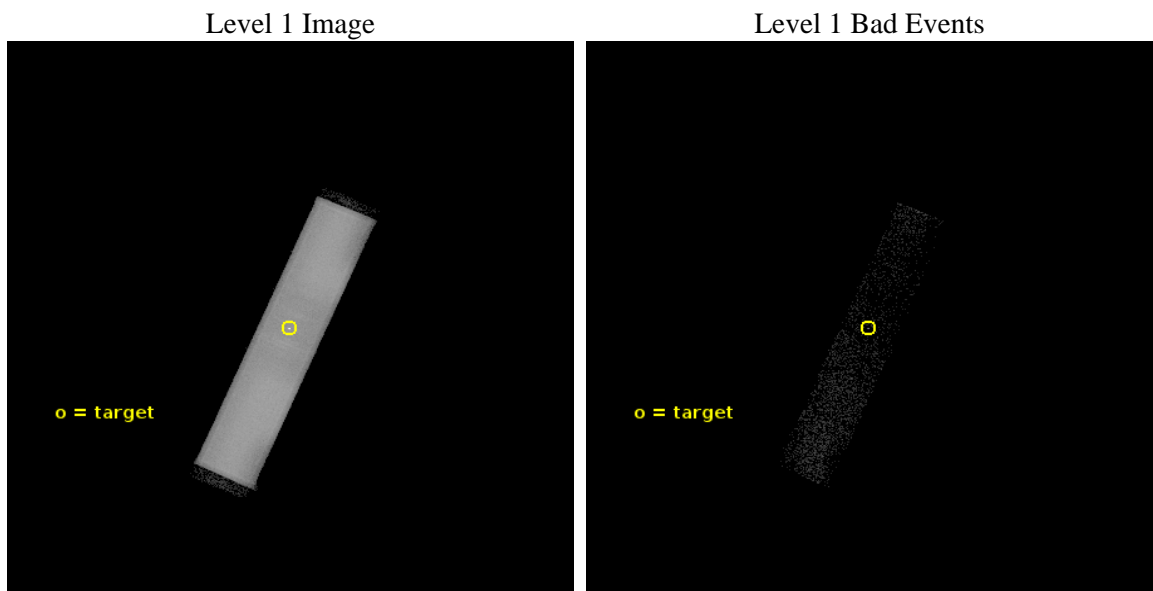
seq_num	600322	Sequence number
obs_id	3948	Observation id
title	RESOLVING X-RAY EMISSION FROM THE NUCLEUS OF M33	Proposal title
observer	DR GUILLAUME DUBUS	Principal investigator
object	M33 X-8 (NUCLEUS)	Source name
ra_targ	23.461667	Observer's specified target RA [deg]
dec_targ	30.660222	Observer's specified target Dec [deg]
ra_nom	23.459597825234	Nominal RA [deg]
dec_nom	30.664447821976	Nominal Dec [deg]
roll_nom	113.8001225836	Nominal Roll [deg]
revision	7	Processing version of data
ontime	5258.2502242327	[s]
livetime	4208.524412646	Ontime multiplied by DTCOR
l2events	676503	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	5106.520000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	5258.2502242327	[s]
caldsver	4.5.7	 	l1events	758008	Number of level 1 events
date	2013-06-28T23:16:03	Date and time of file creation			
revision	7	Processing version of data			

2.1.3 Events

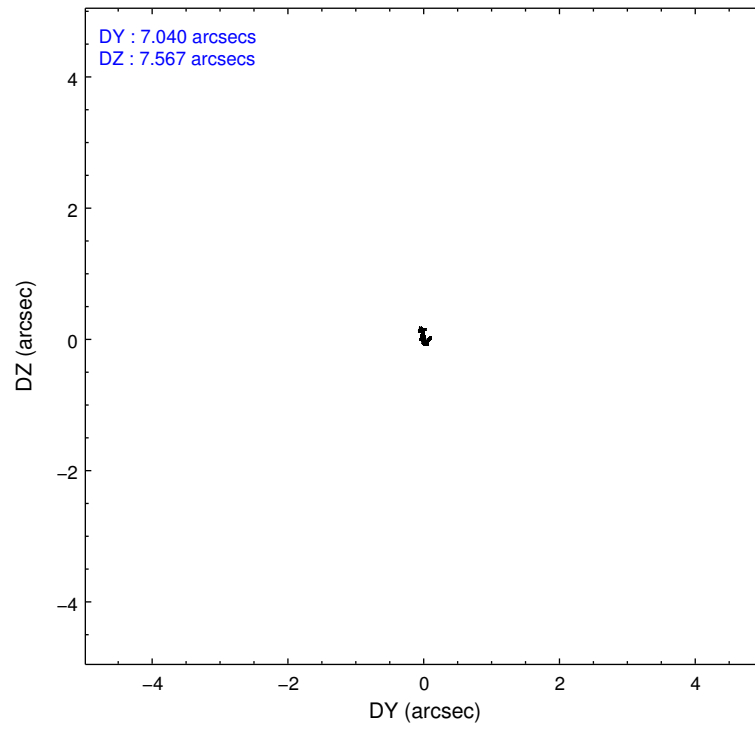
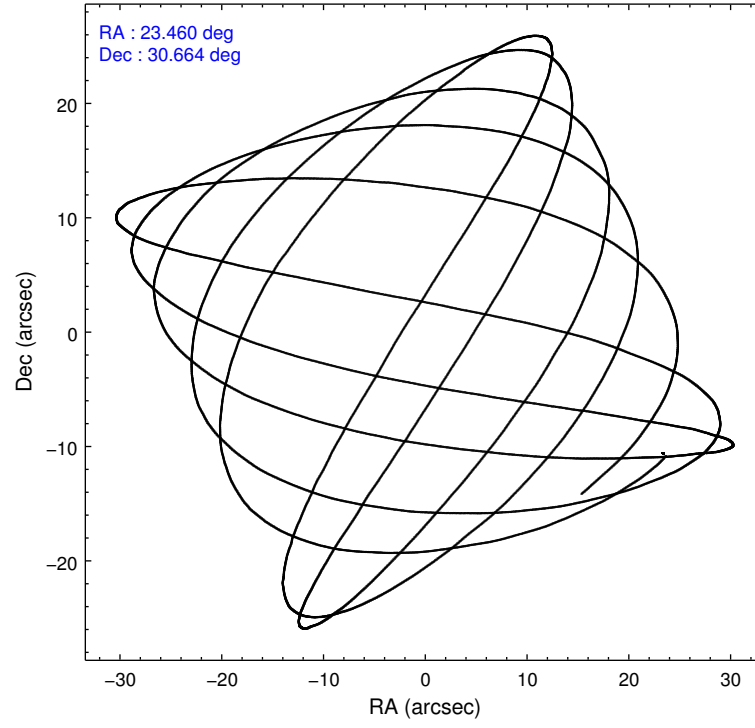
Level 1 Events

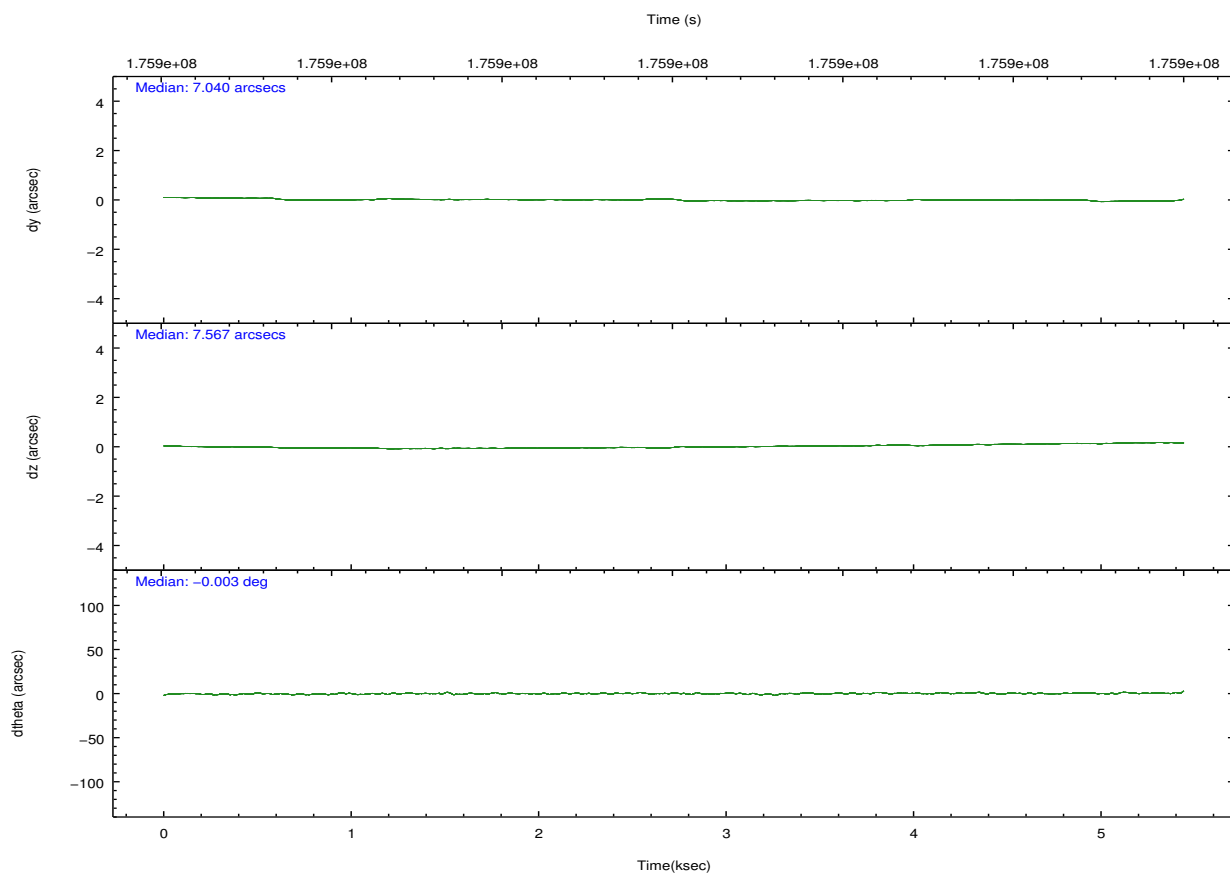
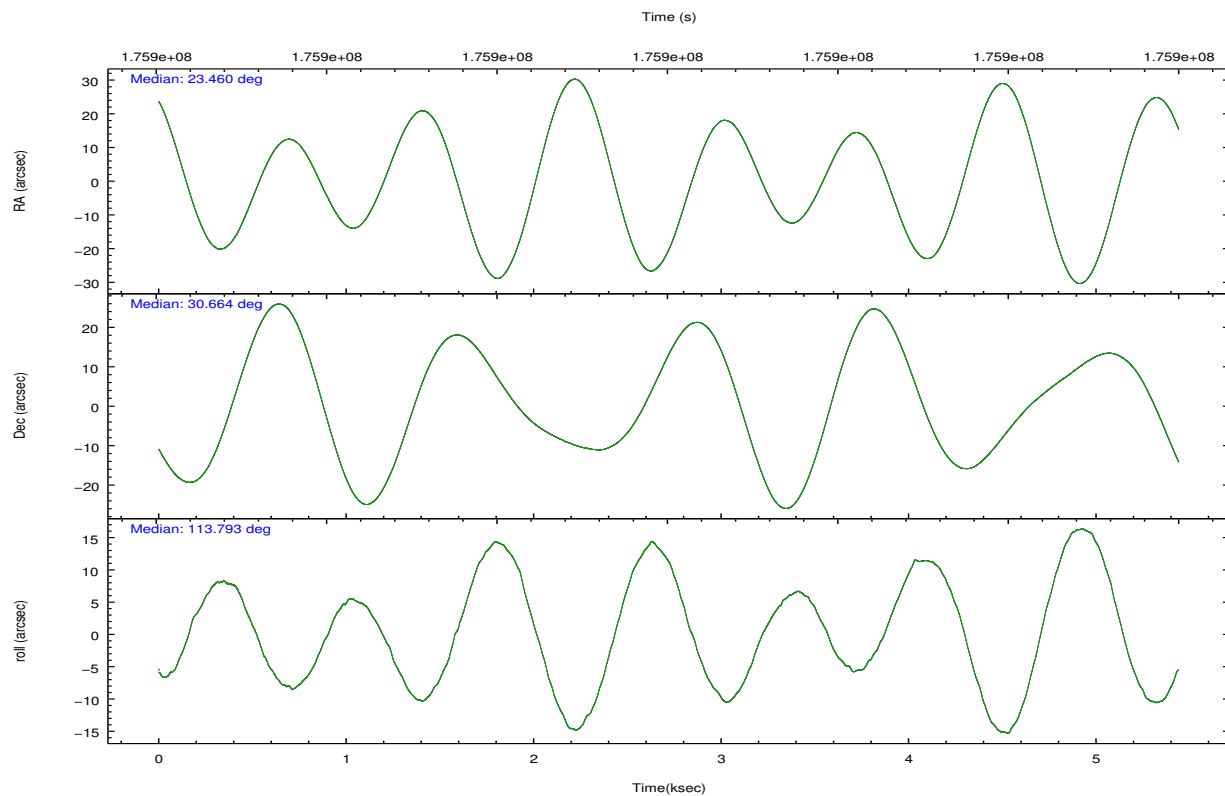
	segment 1	segment 2	segment 3
level 1 events	253	757755	0
rejected events	2	10110	0
rejected %	0%	1%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	23.45961081048207	23.45959782523364			
[deg] Pointing Dec	30.66442240060064	30.66444782197618			
[deg] Pointing Roll	113.8001159539196	113.8001225836009			
[mm] SIM focus pos	-1.5235407335	-1.5235407335			
[mm] SIM defocus	0.009795829655743438	0.009795829655743438			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	175896288.184	175896288.184			
Observation start date	2003-07-29T20:03:44	2003-07-29T20:04:48			
[s] Observation end time (MET)	175901730.184	175901730.184			
Observation end date	2003-07-29T21:28:51	2003-07-29T21:35:30			

2.3 Aspect



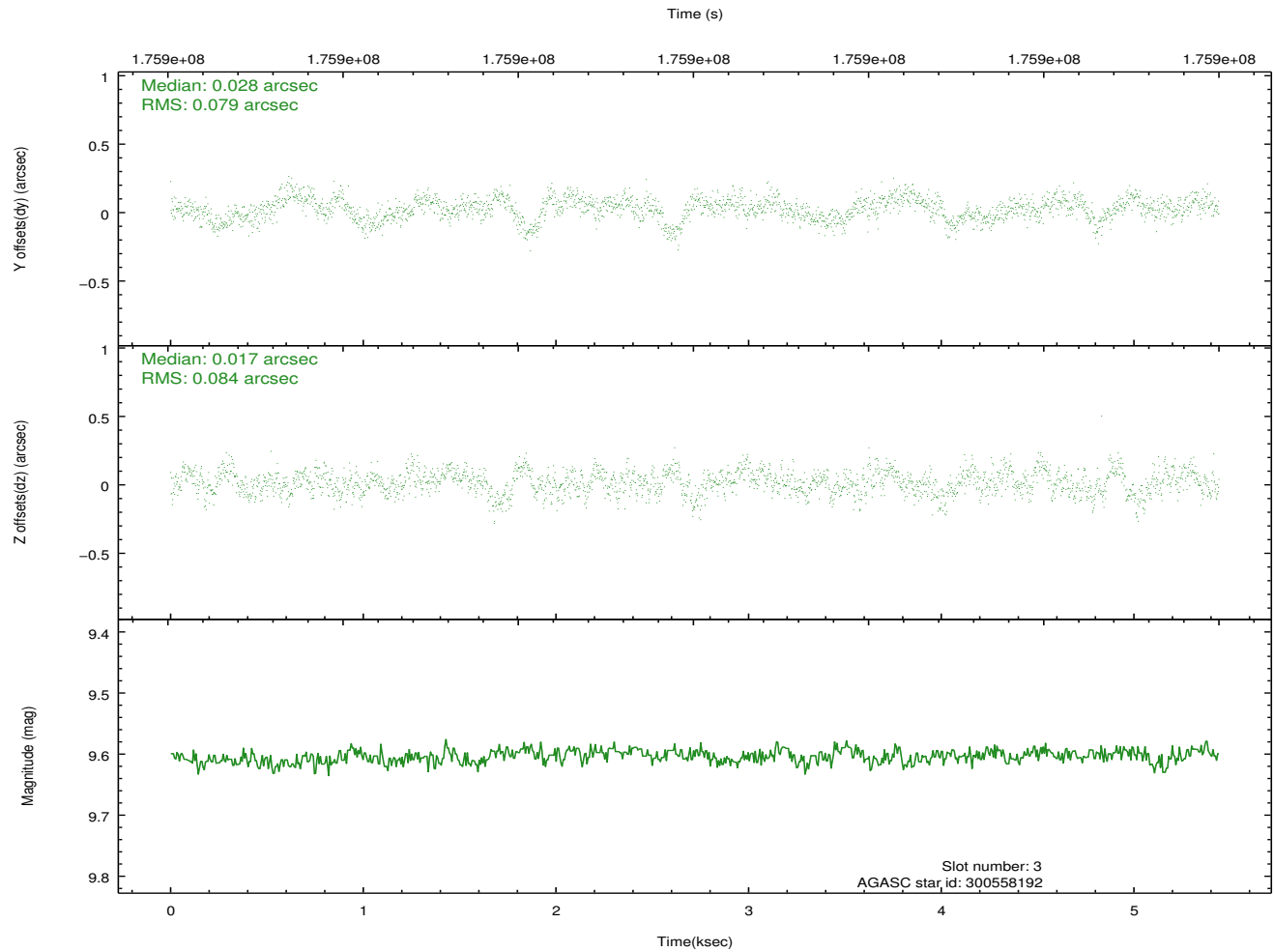
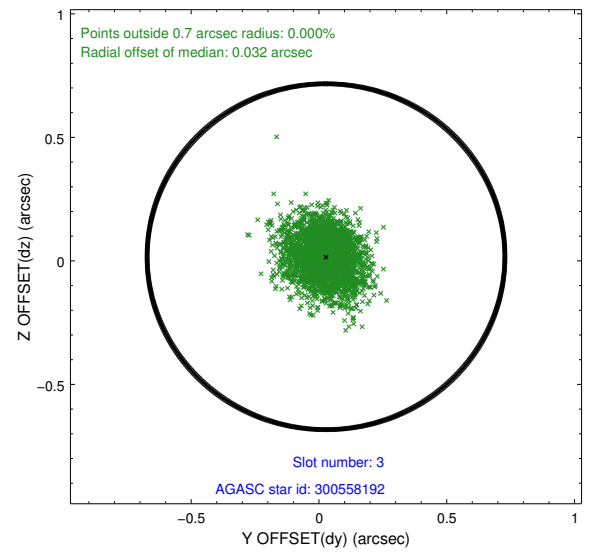
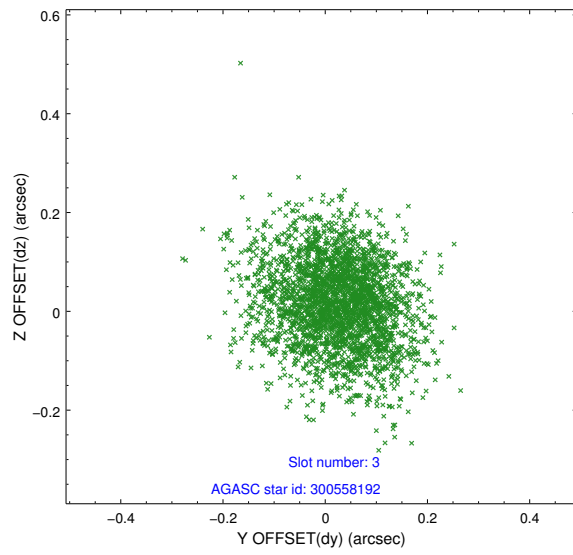


Slot Statistics

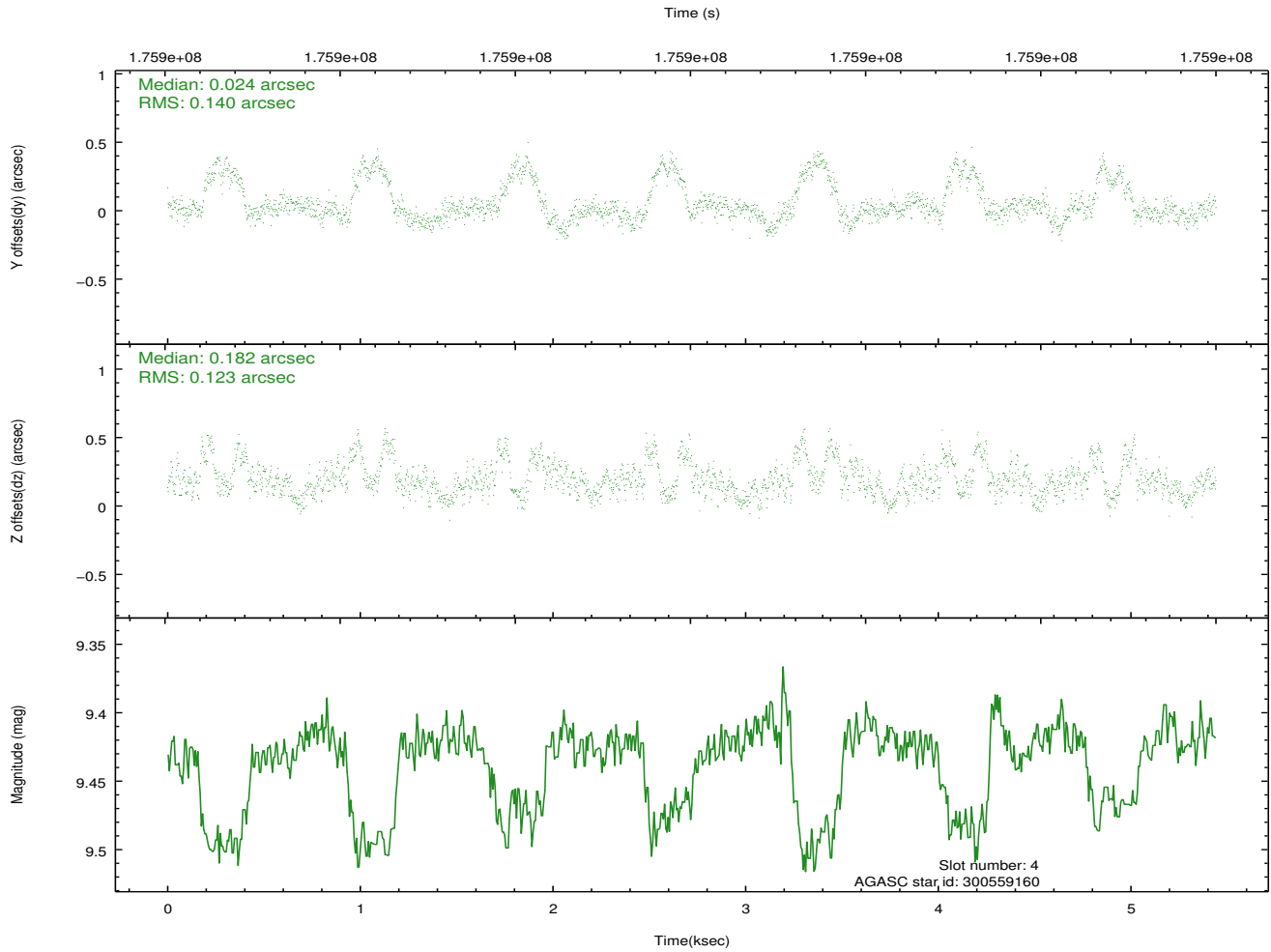
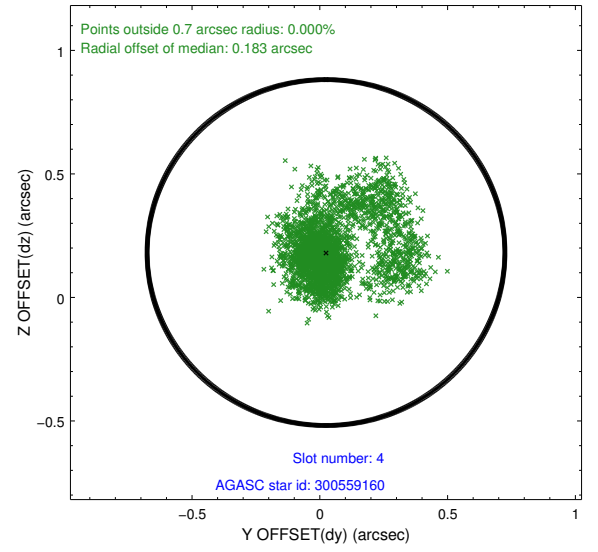
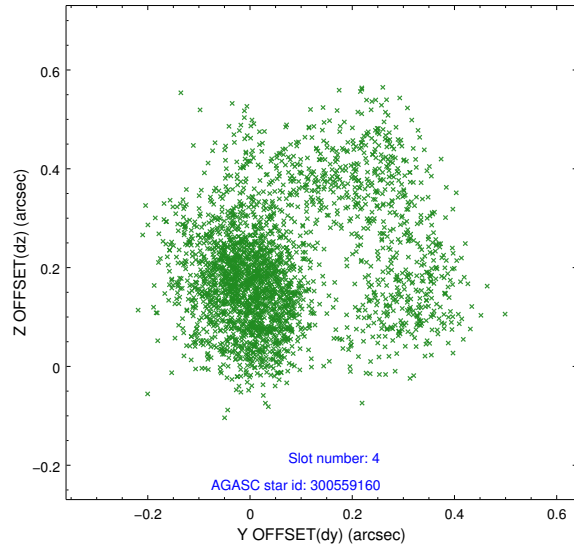
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	1327	0.109	-0.103	0.007	0.011	0.000000	0.000000	-1161.21	-456.08
1	FID	HRC-S-2	6.98	1327	0.166	-0.107	0.005	0.009	0.000000	0.000000	1237.63	-449.07
2	FID	HRC-S-3	6.99	1327	0.115	-0.093	0.007	0.011	0.000000	0.000000	-1162.99	573.11
3	GUIDE	300558192	9.60	2654	0.028	0.017	0.122	0.202	23.821763	30.670988	-341.79	-980.32
4	GUIDE	300559160	9.43	2654	0.024	0.182	0.192	0.351	24.161026	30.632205	-888.05	-1888.78
5	GUIDE	300559960	7.87	2655	-0.193	-0.234	0.075	0.118	22.944463	30.624765	600.23	1572.38
6	GUIDE	230039080	8.67	2655	0.157	-0.060	0.100	0.154	23.320866	29.887774	-2298.62	1578.45
7	GUIDE	300551848	9.96	2632	-0.046	0.082	0.132	0.231	23.662495	30.844317	426.40	-777.66

2.4 Star Slots

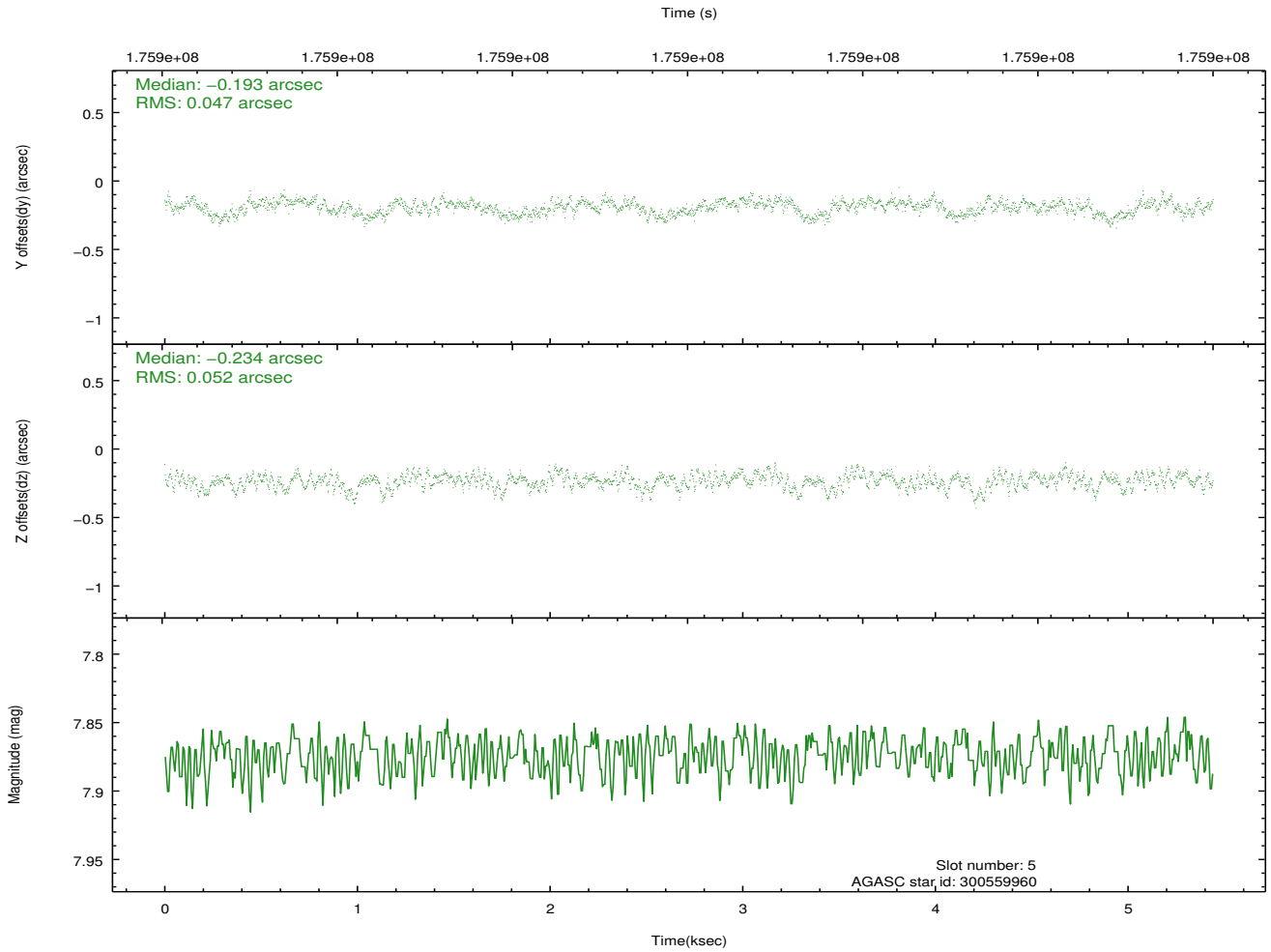
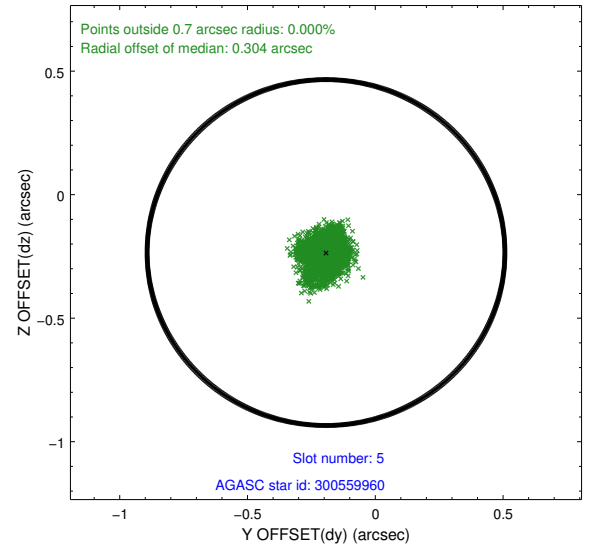
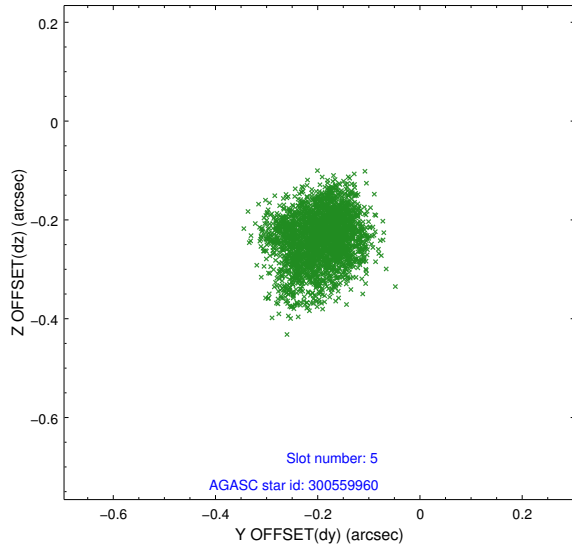
2.4.1 Slot 3



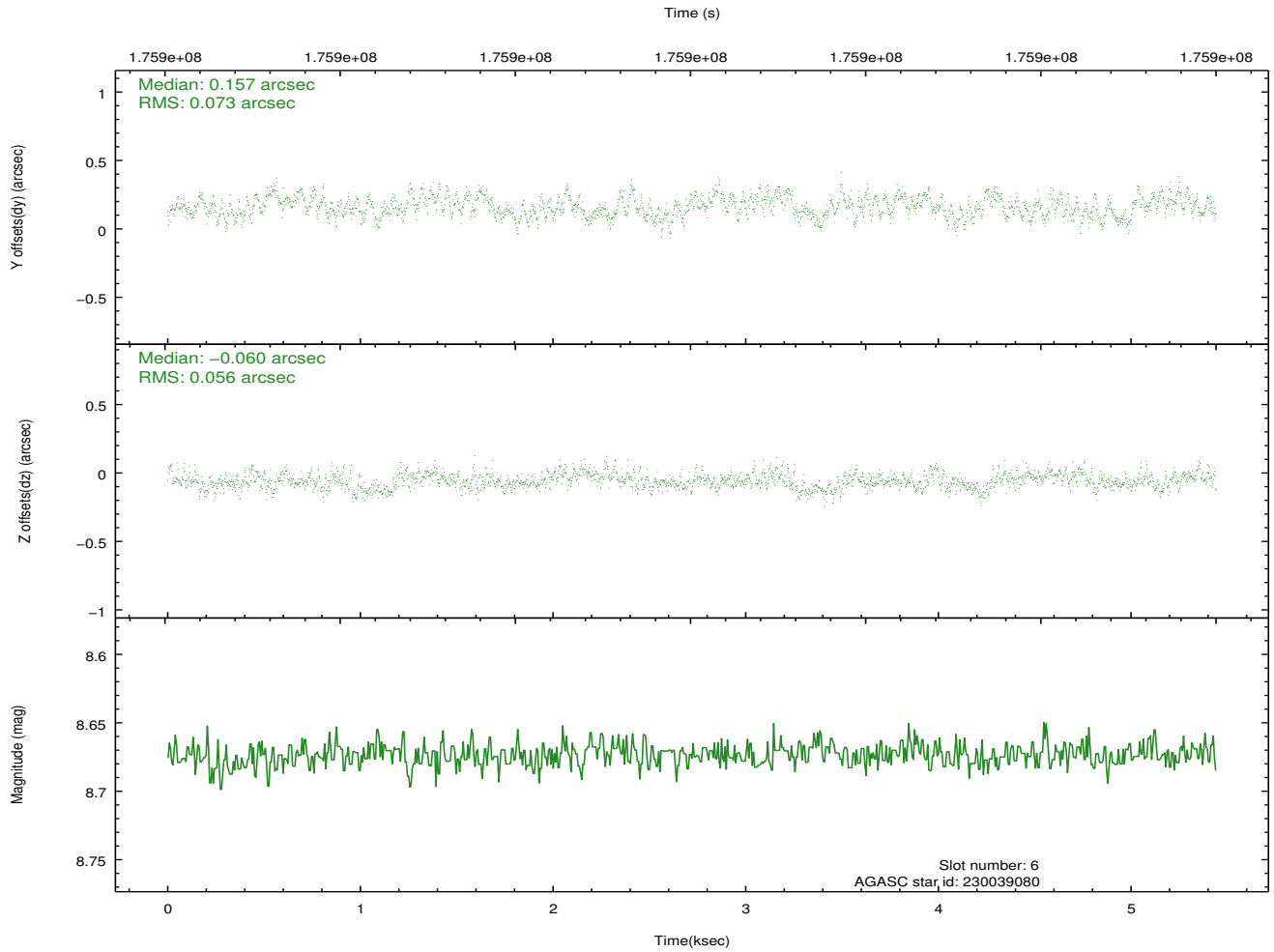
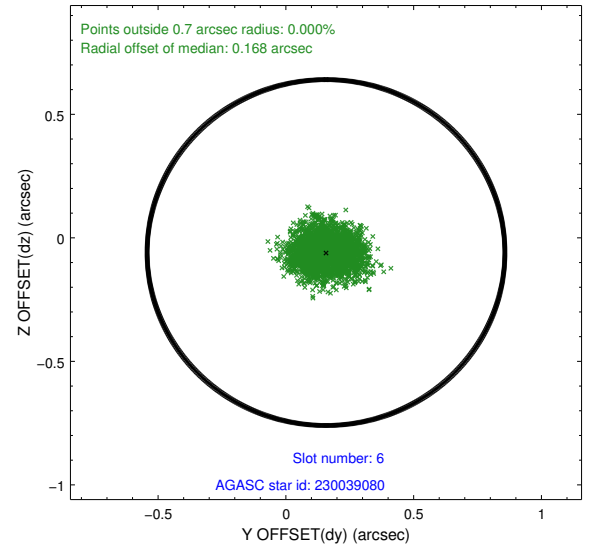
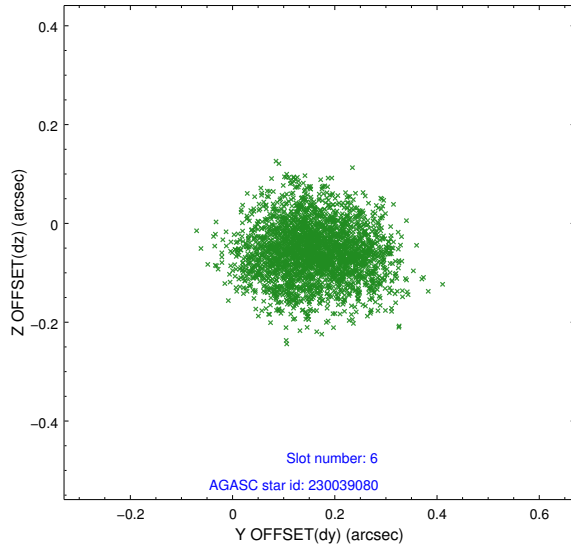
2.4.2 Slot 4



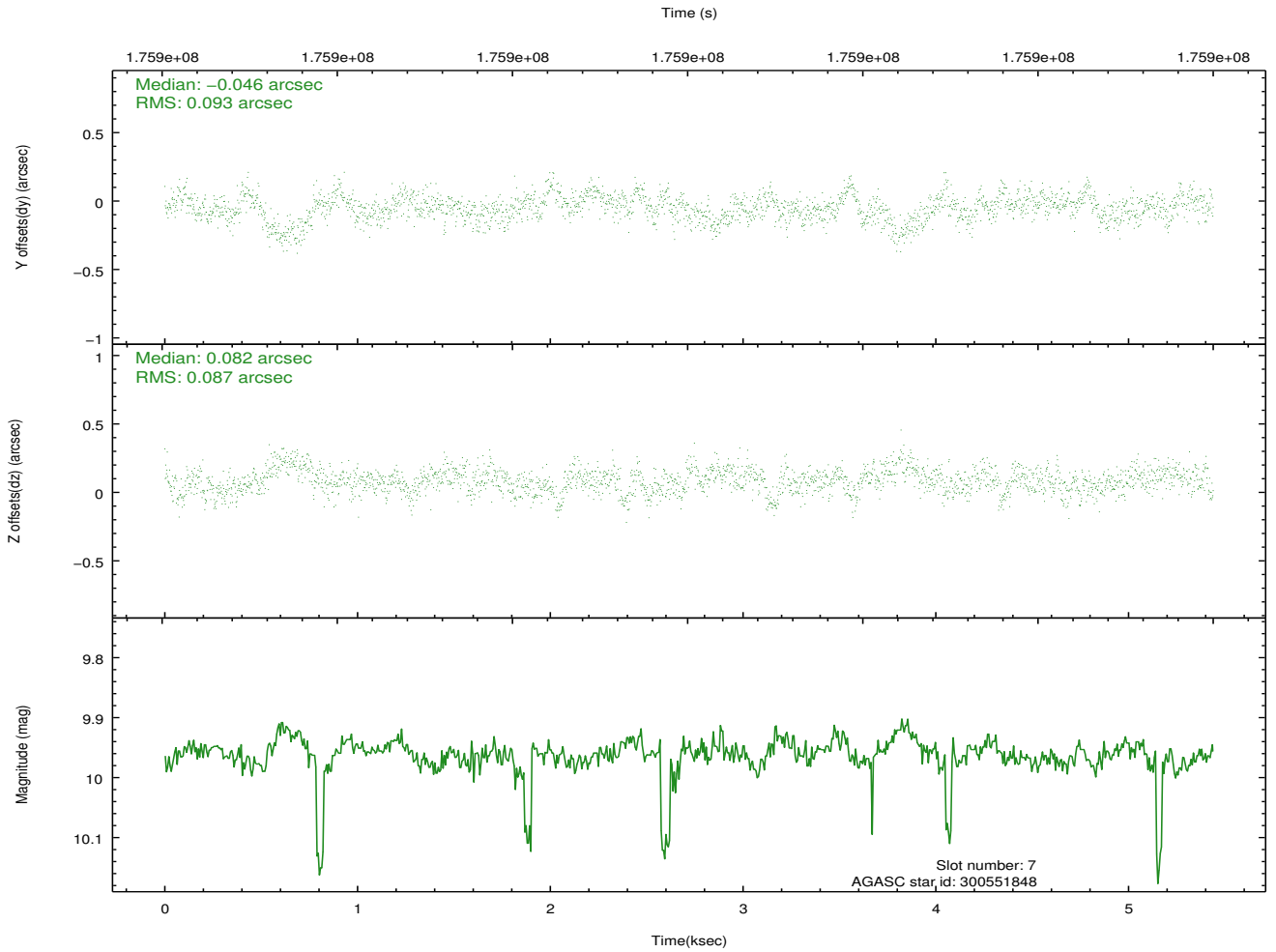
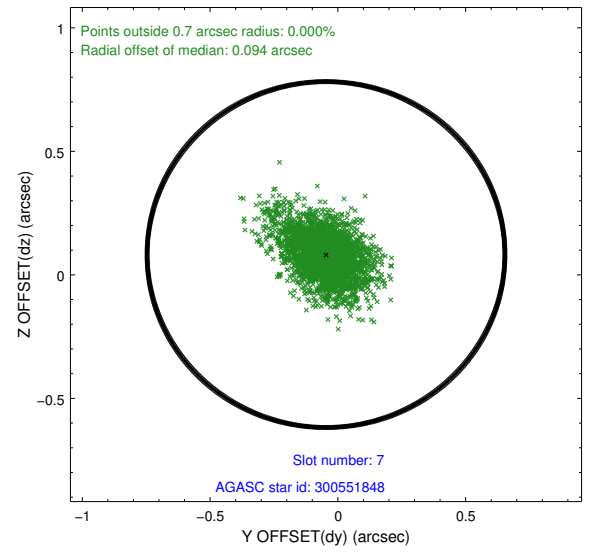
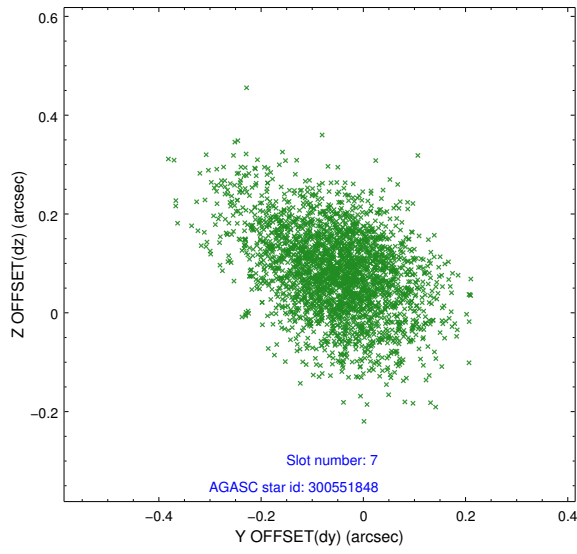
2.4.3 Slot 5



2.4.4 Slot 6

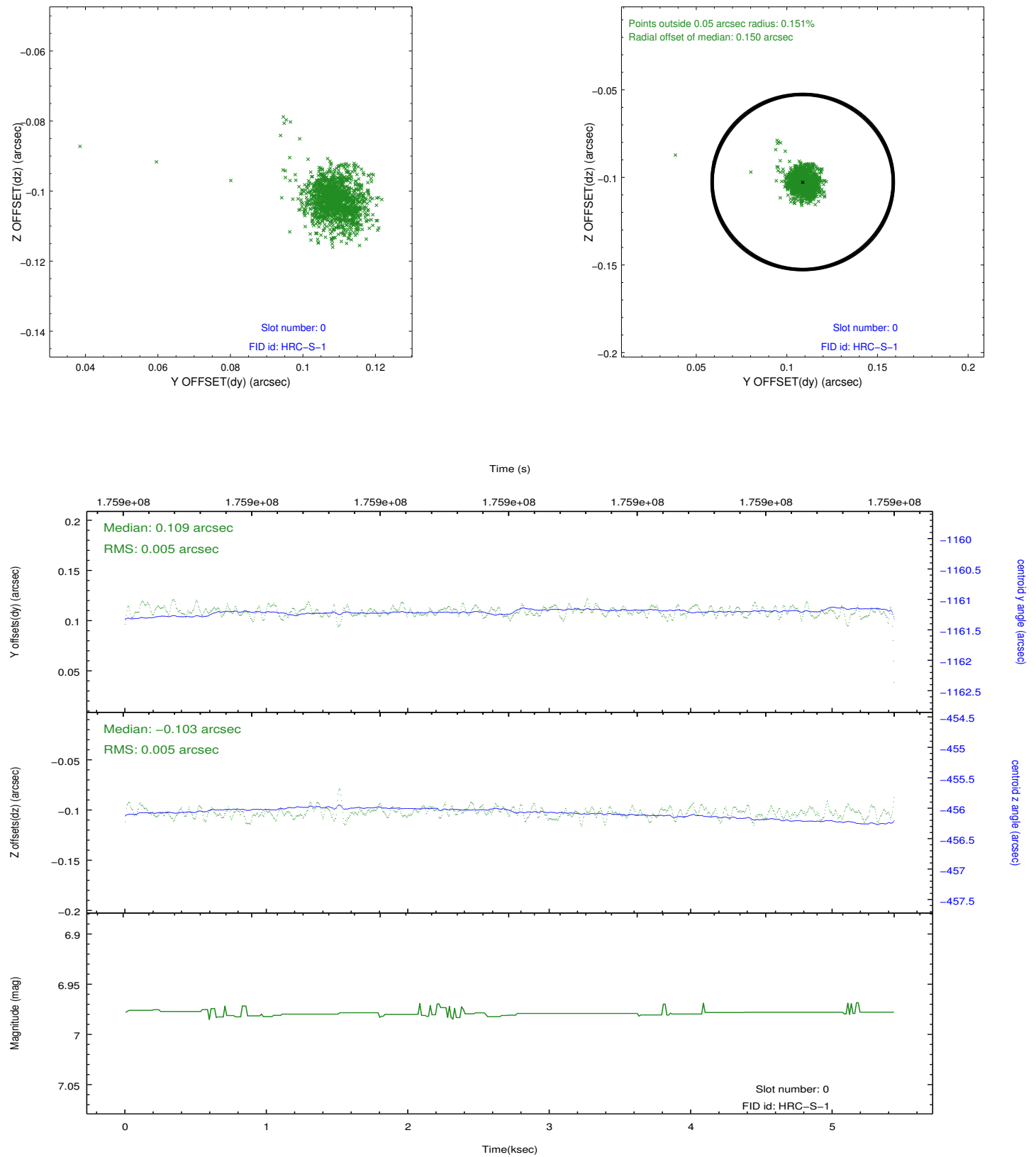


2.4.5 Slot 7

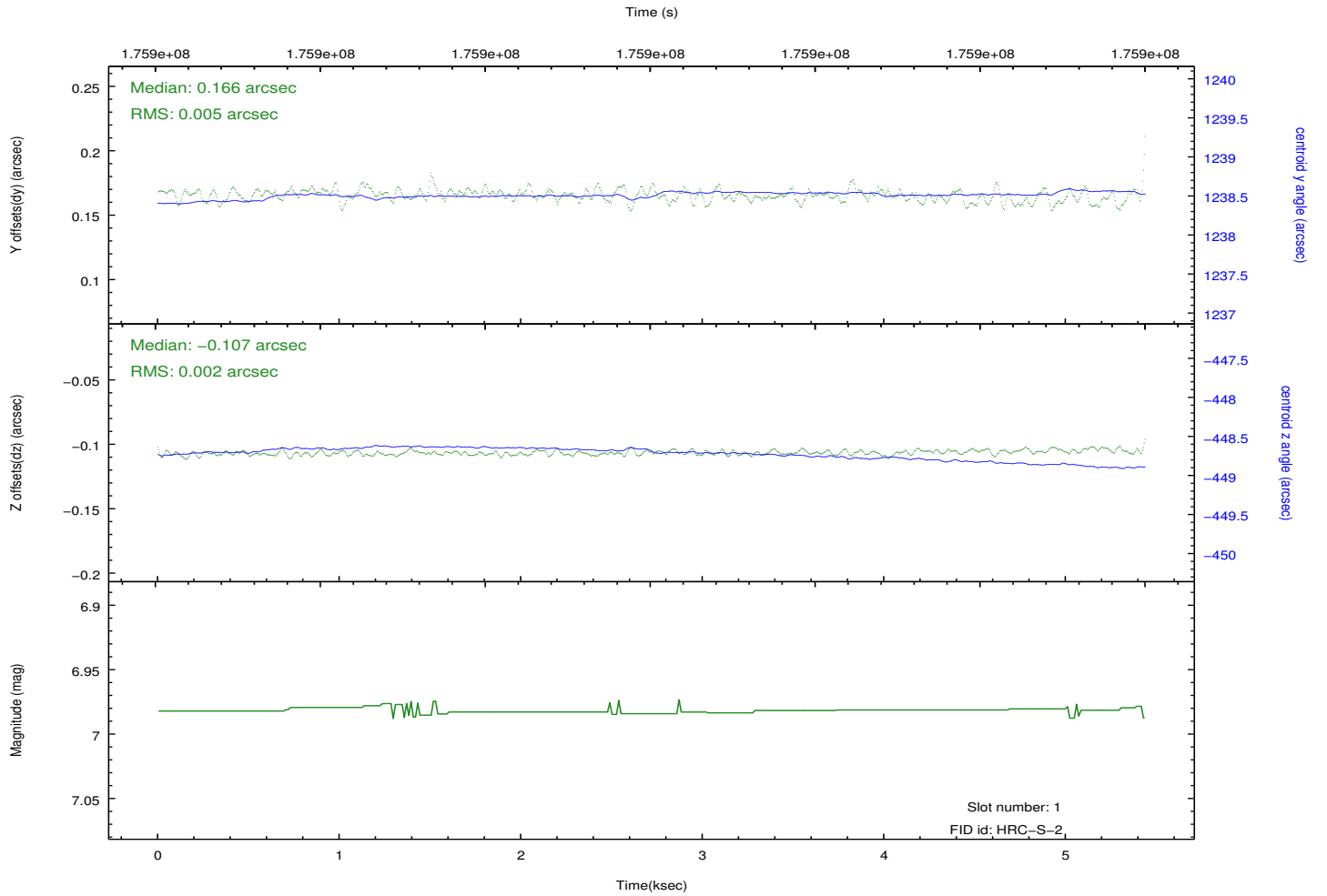
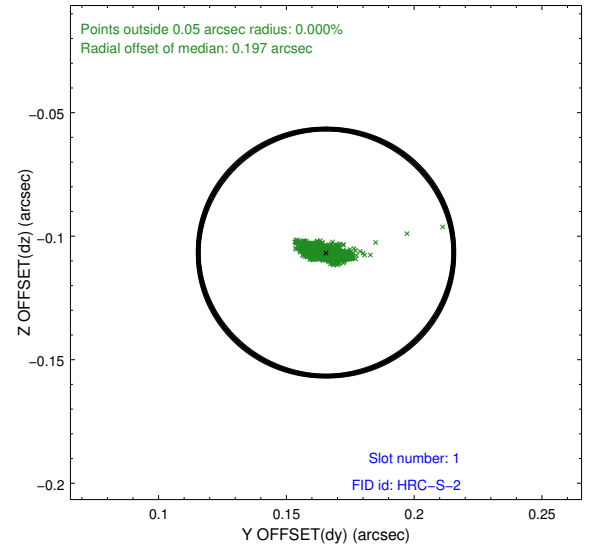
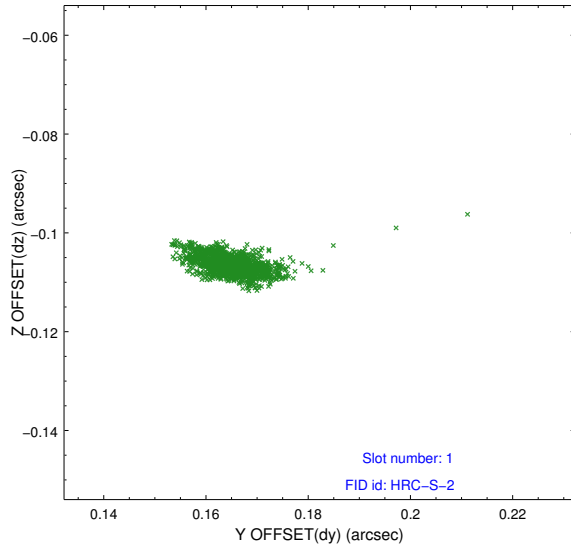


2.5 FID Slots

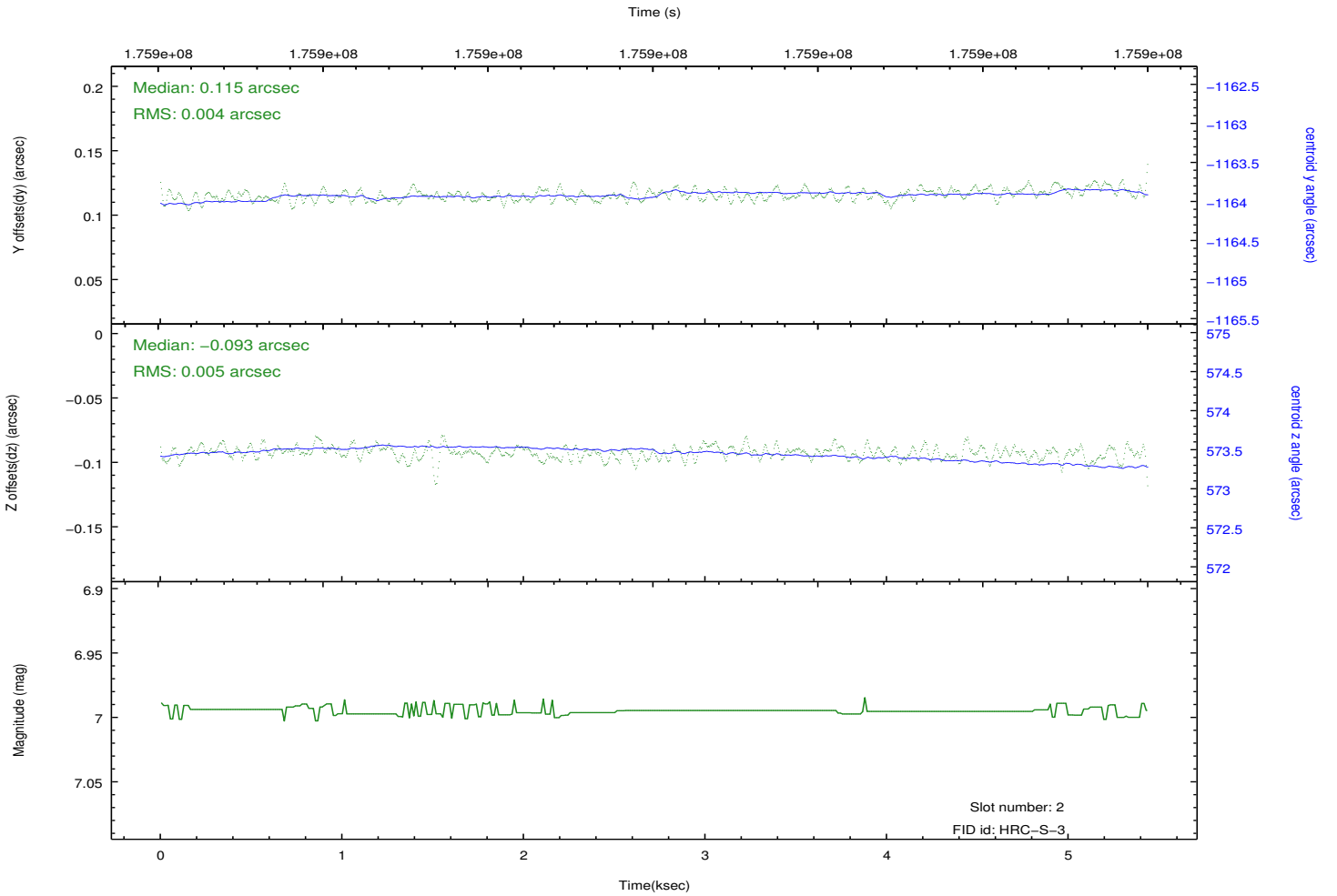
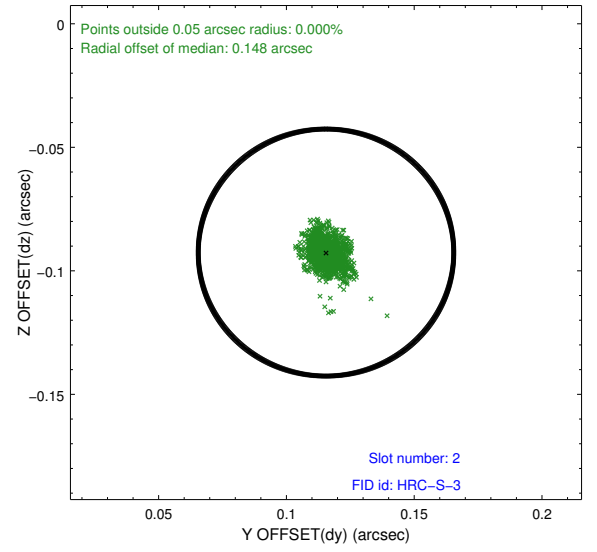
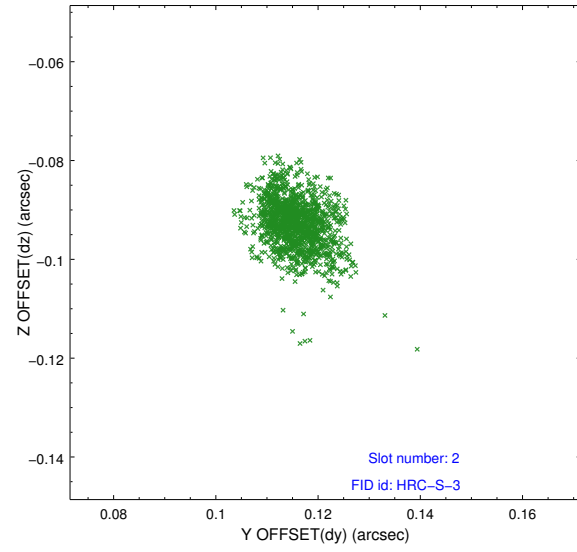
2.5.1 Slot 0



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	5.354

A.2 Comments

Charge time for this observation remains at previous value of 5.354 ksec.