

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11296 - L2 Version 2
Chandra X-Ray Center

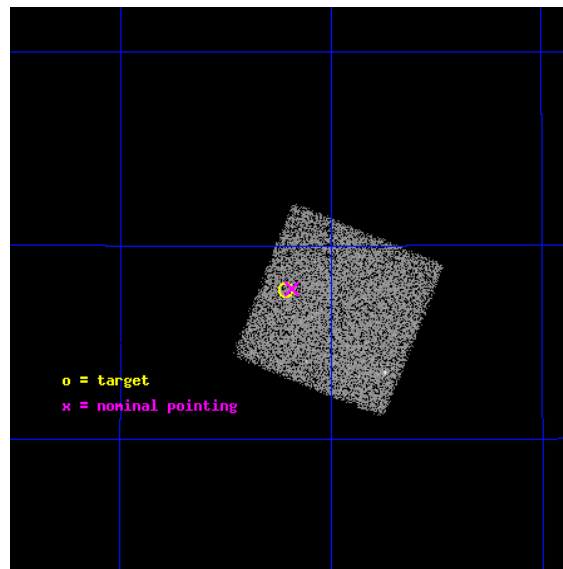
L2 Processing Date : Jun 17 2012

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1 Front

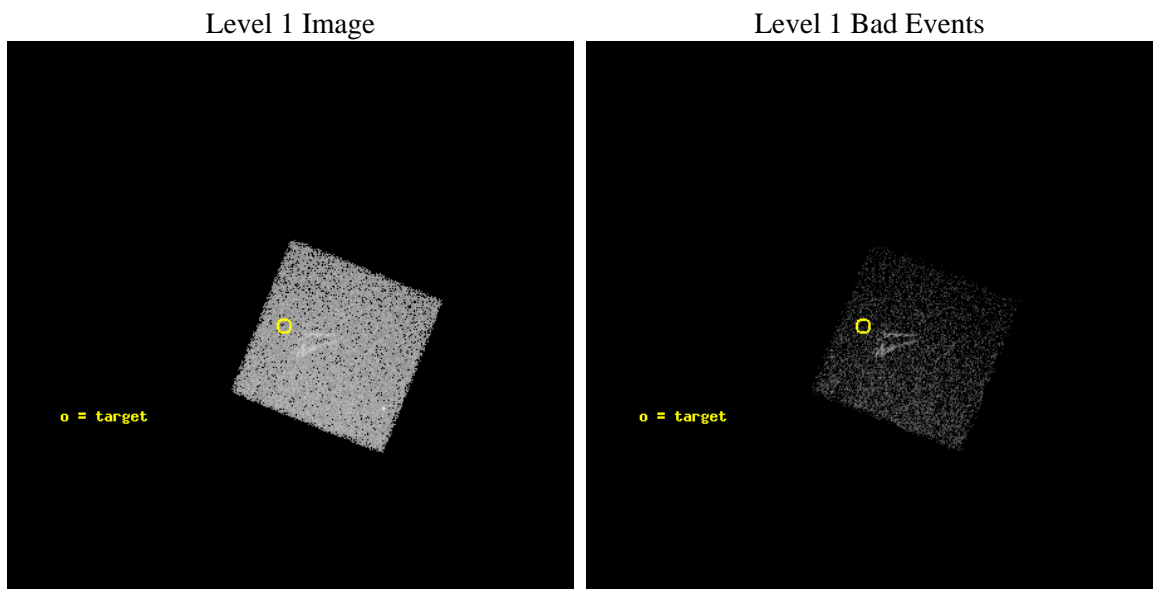
seq_num	600815	Sequence number
obs_id	11296	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	HS 1442+4250	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	221.053333	Observer's specified target RA [deg]
dec_targ	42.628889	Observer's specified target Dec [deg]
ra_nom	221.04666075445	Nominal RA [deg]
dec_nom	42.629635669035	Nominal Dec [deg]
roll_nom	22.009868821536	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5259.0	Sum of GTIs [s]
livetime	5188.02777997	Livetime [s]
ontime7	5259.0	Sum of GTIs [s]
l2events	23240	Number of level 2 events



2 OBI

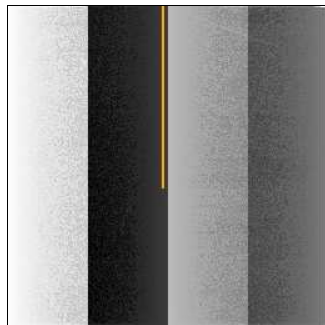
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5259.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	5259.0	Sum of GTIs [s]
date	2012-06-17T05:17:49	Date and time of file creation	l1events	52660	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

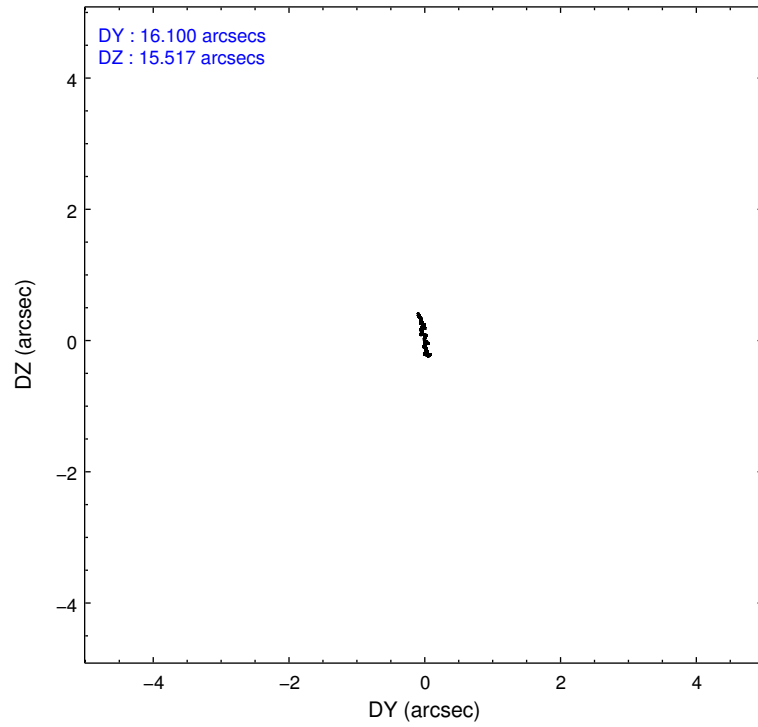
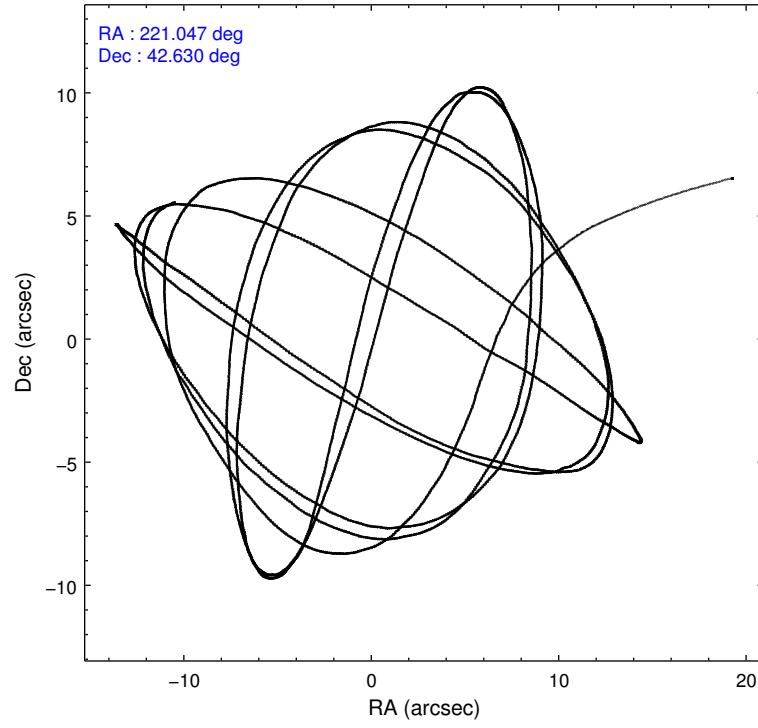
	ccd 7
level 1 events	52660
rejected events	28783
rejected %	54%

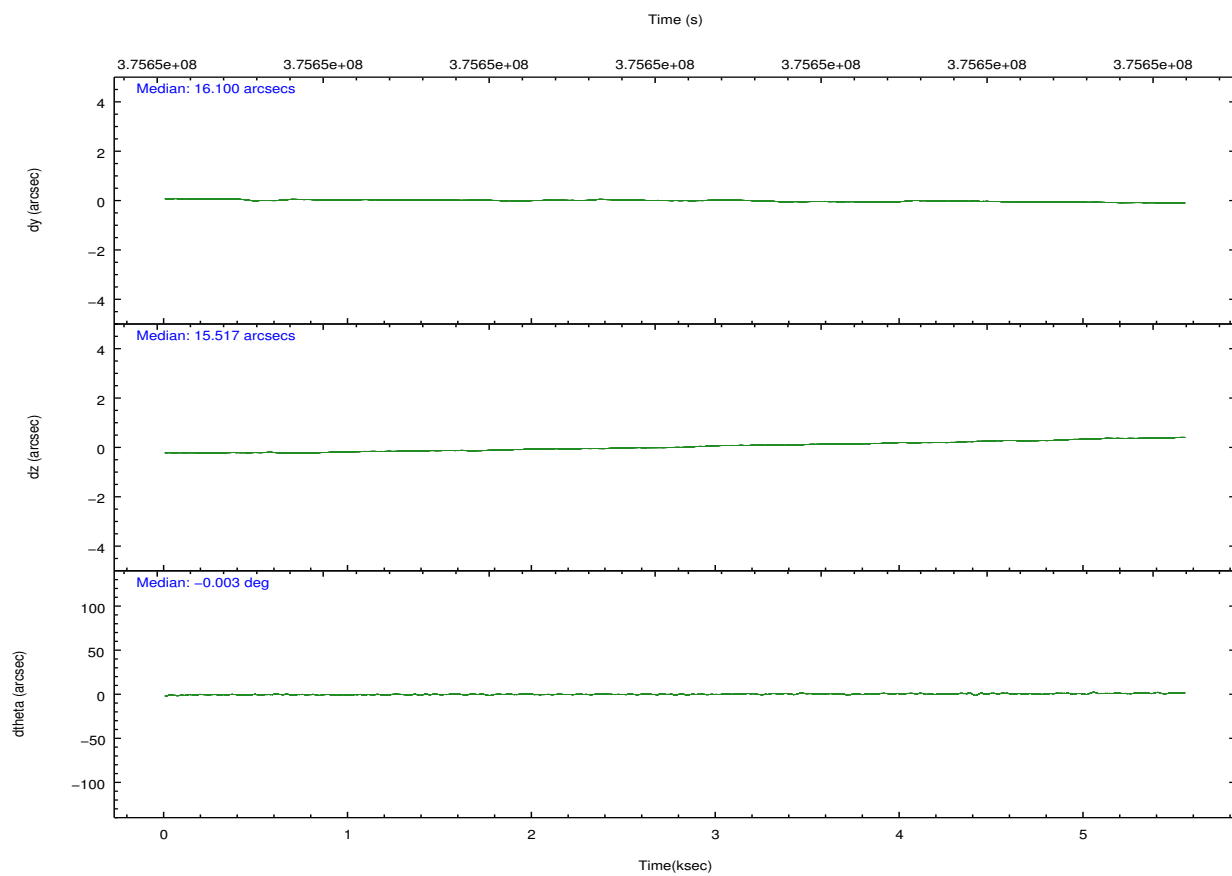
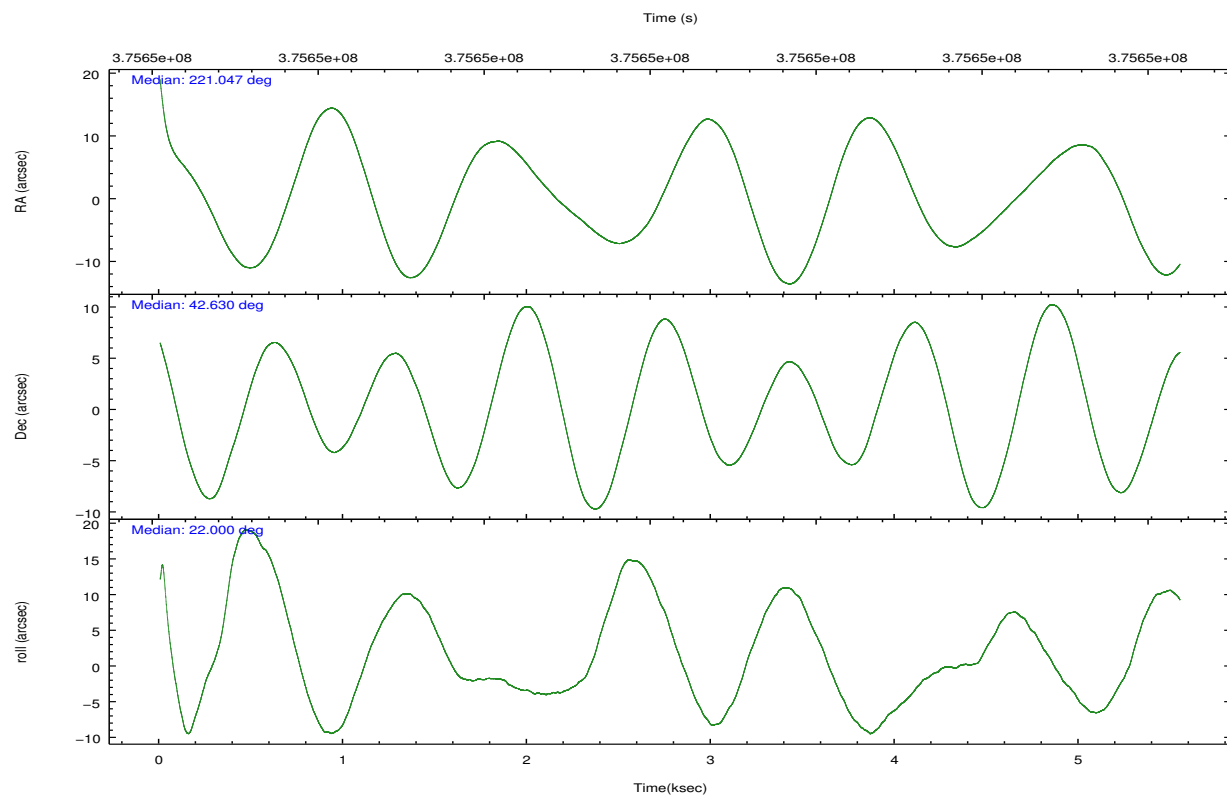
	ccd 7
grade 0 events	2296
	4%
grade 1 events	78
	0%
grade 2 events	5010
	9%
grade 3 events	2114
	4%
grade 4 events	2191
	4%
grade 5 events	5391
	10%
grade 6 events	12276
	23%
grade 7 events	23304
	44%

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	221.024259	221.0466607544512	Subarray requested	NONE	NONE
[deg] Pointing Dec	42.607922	42.62963566903471	Alternating exposures requested	N	N
[deg] Pointing Roll	21.868366	22.00986882153558	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	375646711.184000	375645223.4579			
Observation start date	2009-11-26T18:17:25	2009-11-26T17:53:43			
[s] Observation end time (MET)	375651711.184000	375652508.64576			
Observation end date	2009-11-26T19:40:45	2009-11-26T19:55:08			
Read mode	TIMED	TIMED			

2.3 Aspect



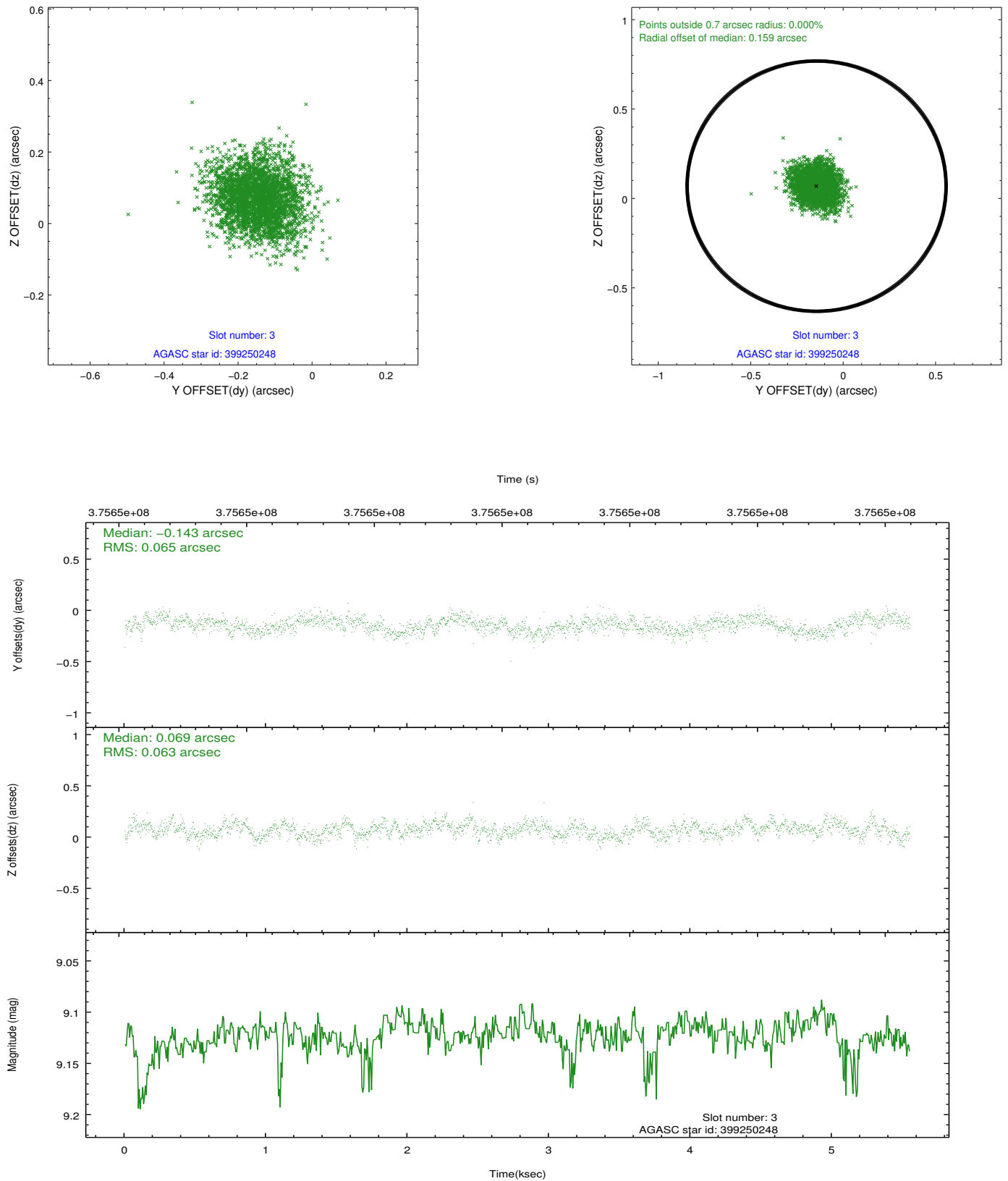


Slot Statistics

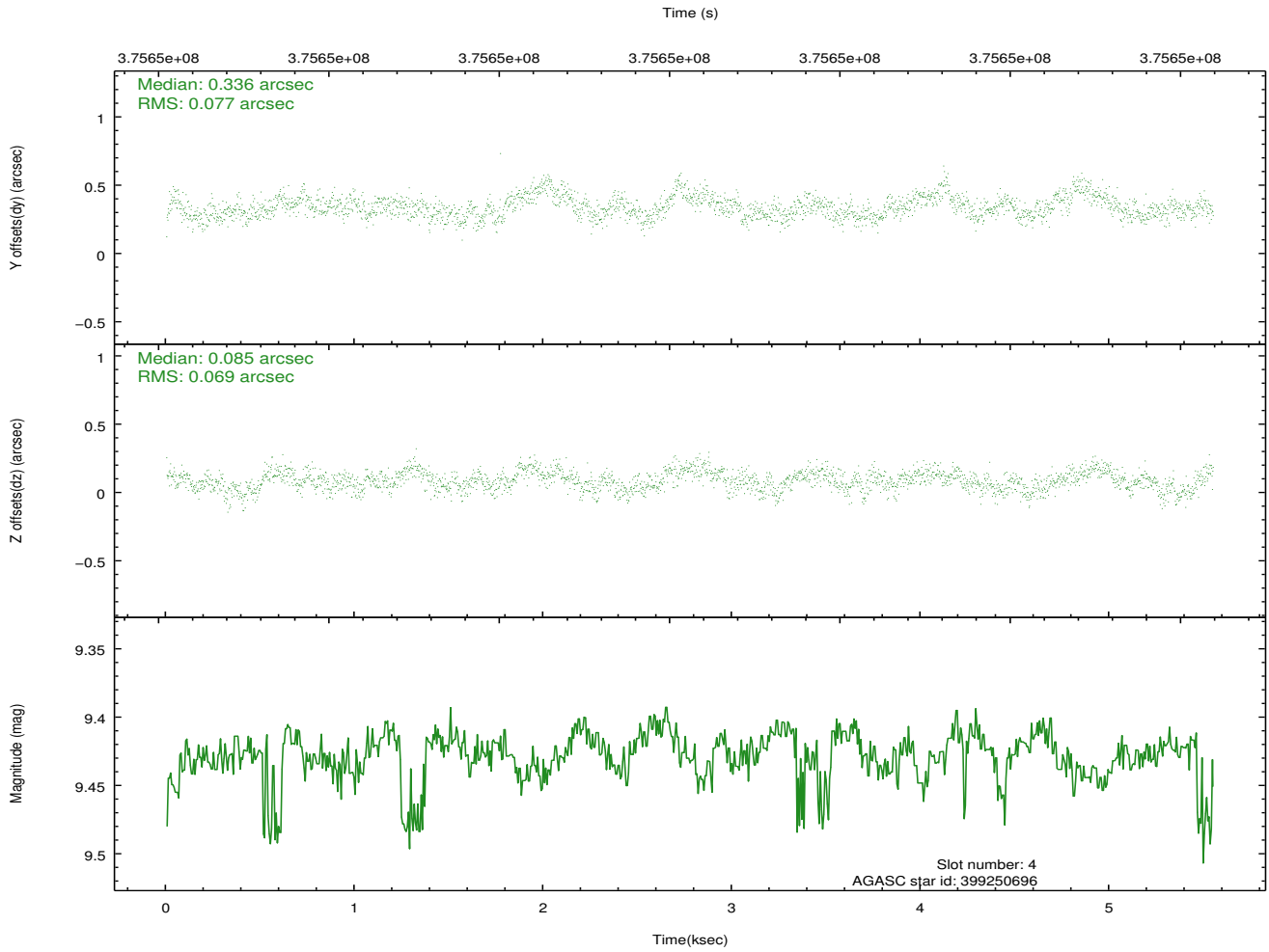
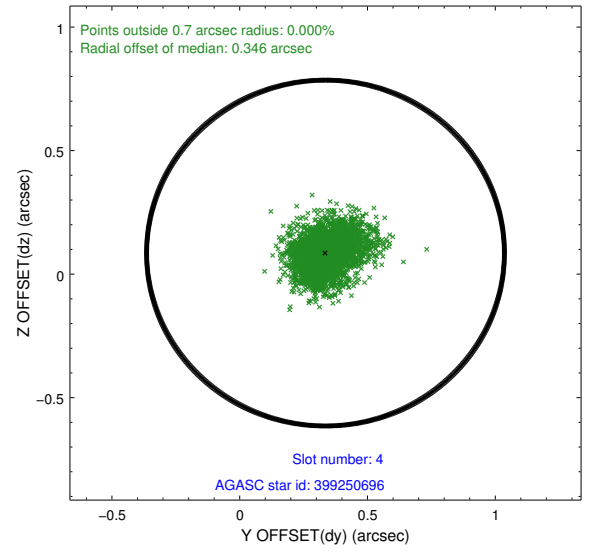
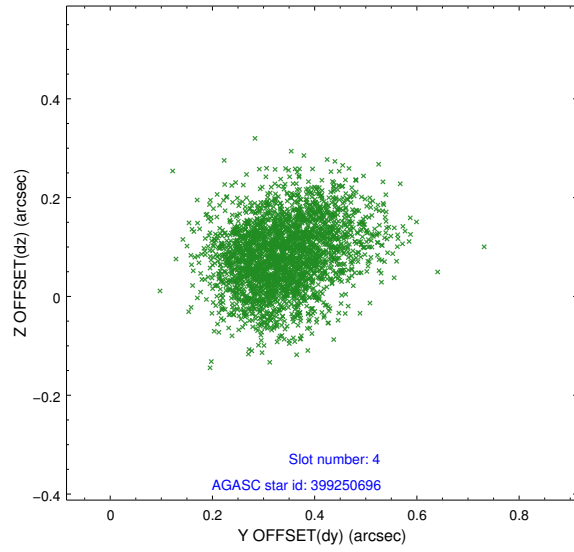
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1354	-0.103	-0.065	0.006	0.012	0.000000	0.000000	-769.21	-1737.00
1	FID	ACIS-S-4	6.97	1353	0.132	0.048	0.006	0.011	0.000000	0.000000	2143.82	170.44
2	FID	ACIS-S-6	7.10	1353	-0.057	0.025	0.007	0.011	0.000000	0.000000	394.23	809.06
3	GUIDE	399250248	9.12	2703	-0.143	0.069	0.096	0.154	221.786043	42.350895	1540.17	-1604.58
4	GUIDE	399250696	9.43	2701	0.336	0.085	0.109	0.177	220.291457	42.465119	-1993.48	254.83
5	GUIDE	399639968	8.76	2707	0.265	-0.020	0.086	0.142	220.778789	42.902008	-206.14	1224.84
6	GUIDE	399640504	10.51	2680	0.008	-0.229	0.202	0.323	221.252810	43.141616	1273.33	1560.77
7	GUIDE	399642016	8.58	2705	-0.473	0.100	0.093	0.157	220.448965	43.130228	-700.41	2313.65

2.4 Star Slots

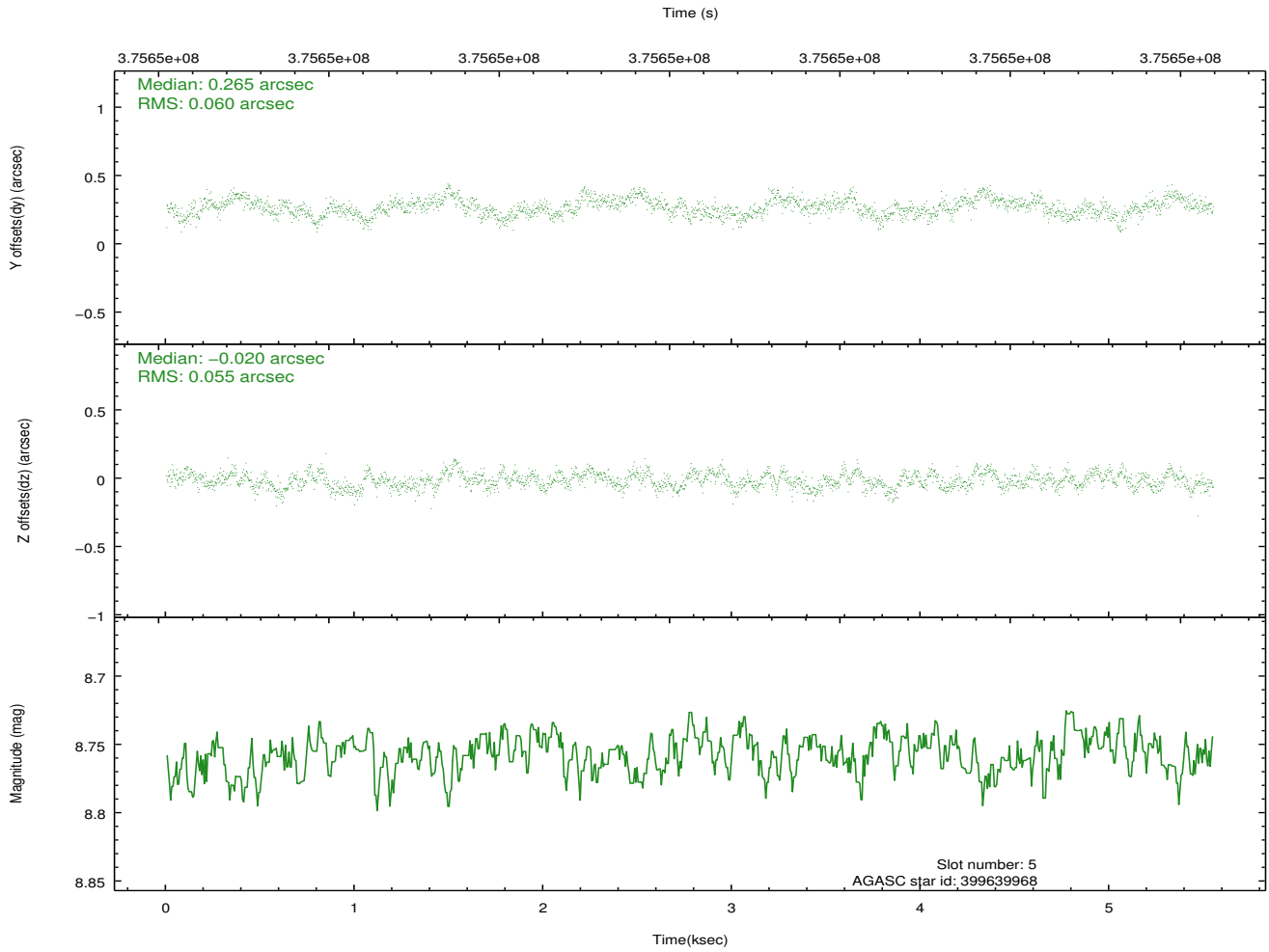
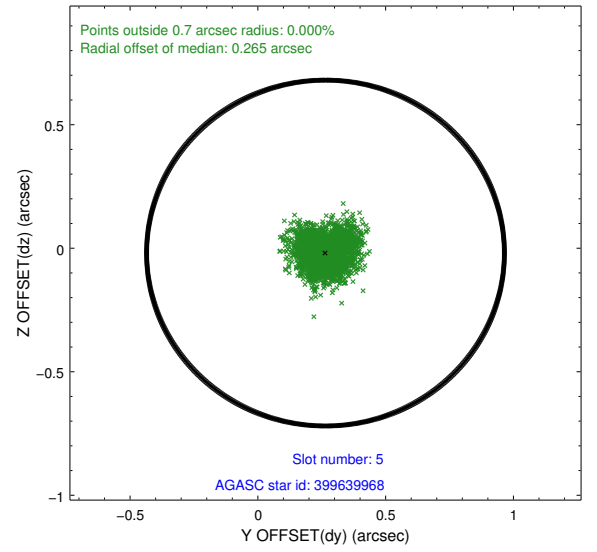
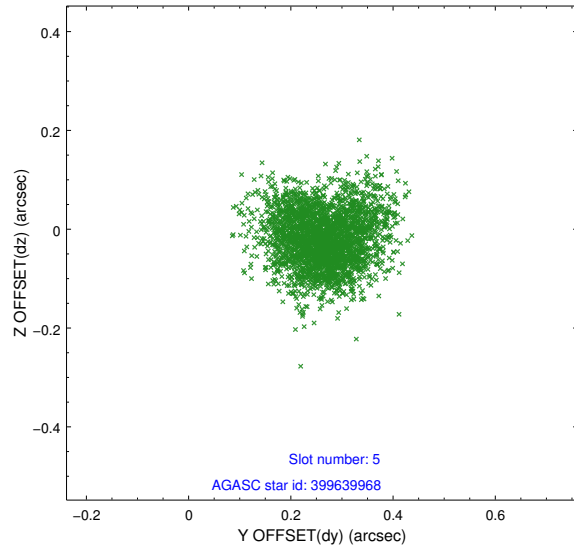
2.4.1 Slot 3



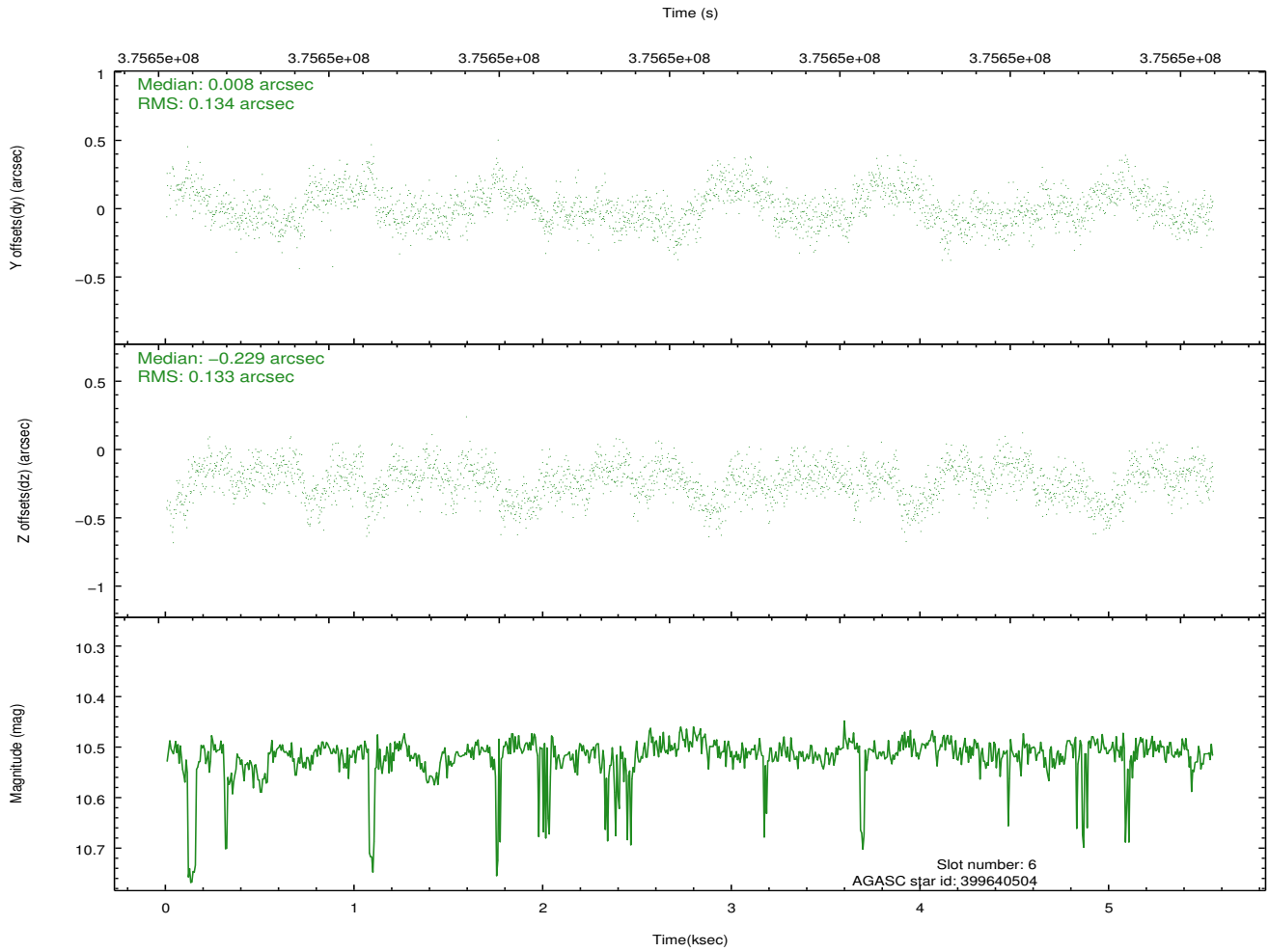
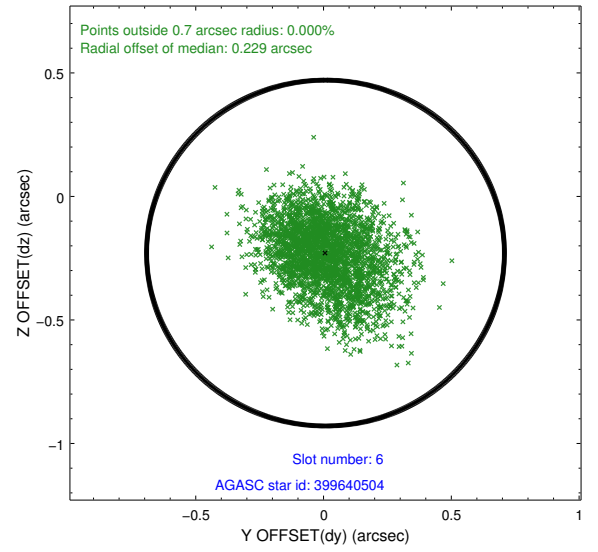
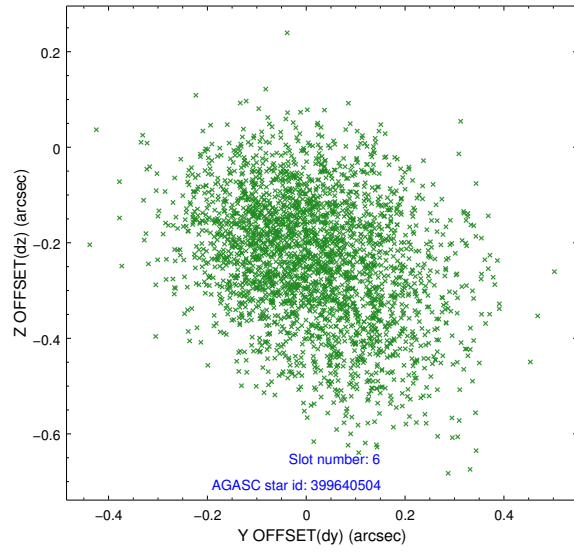
2.4.2 Slot 4



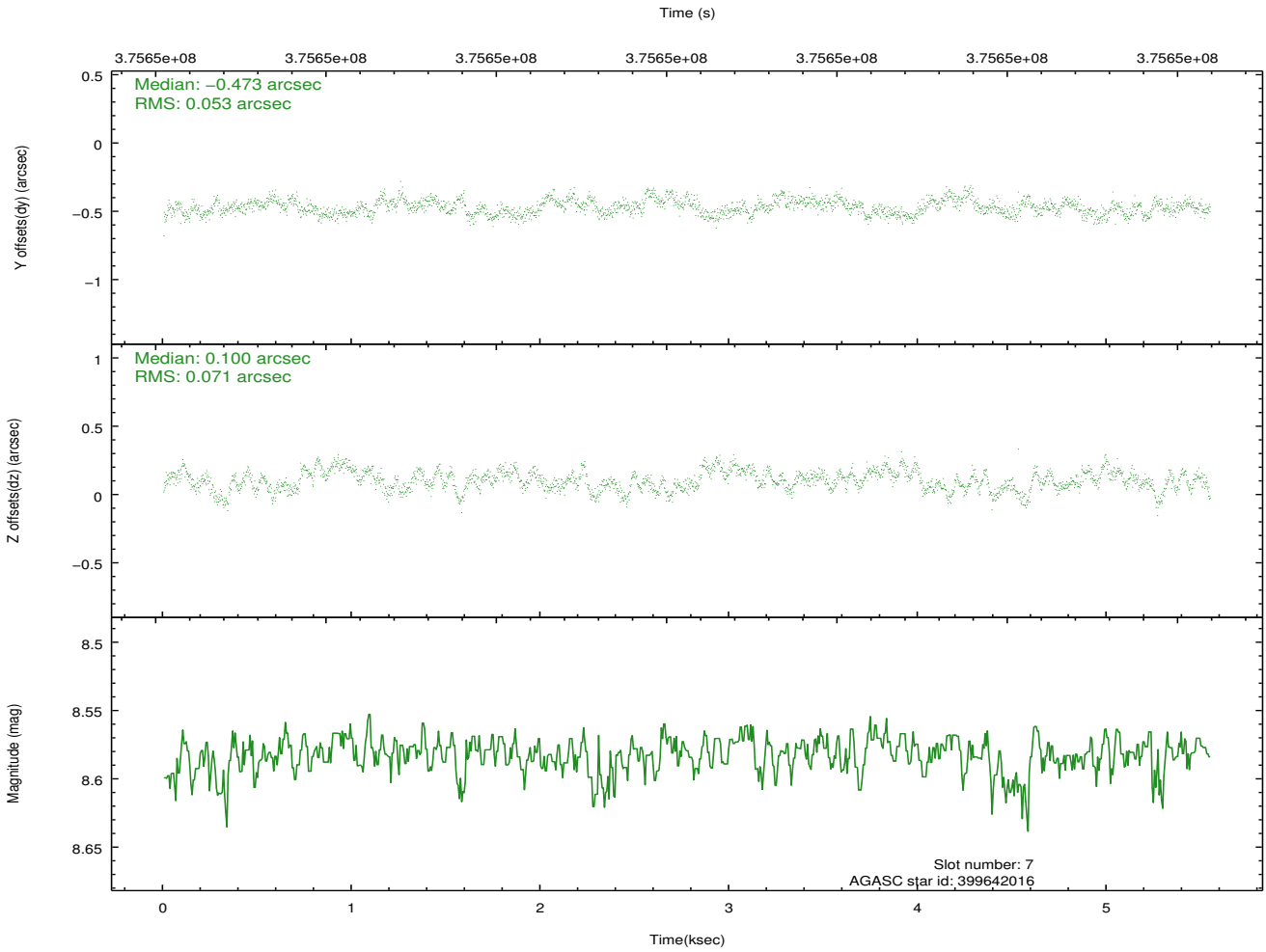
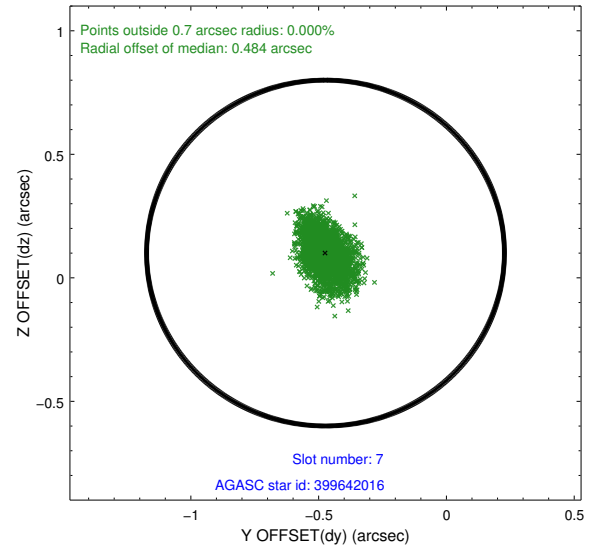
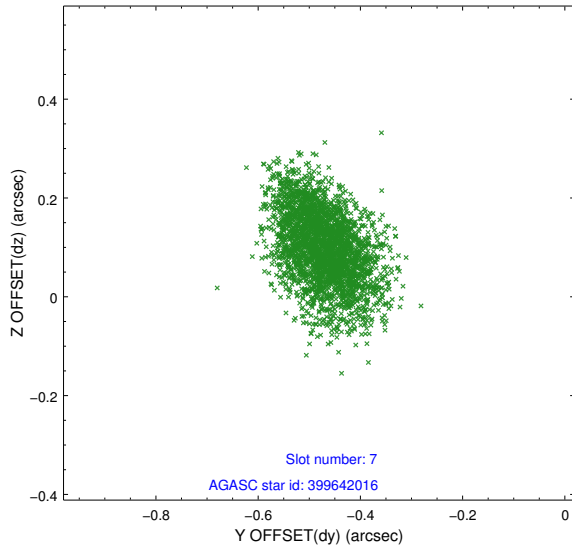
2.4.3 Slot 5



2.4.4 Slot 6

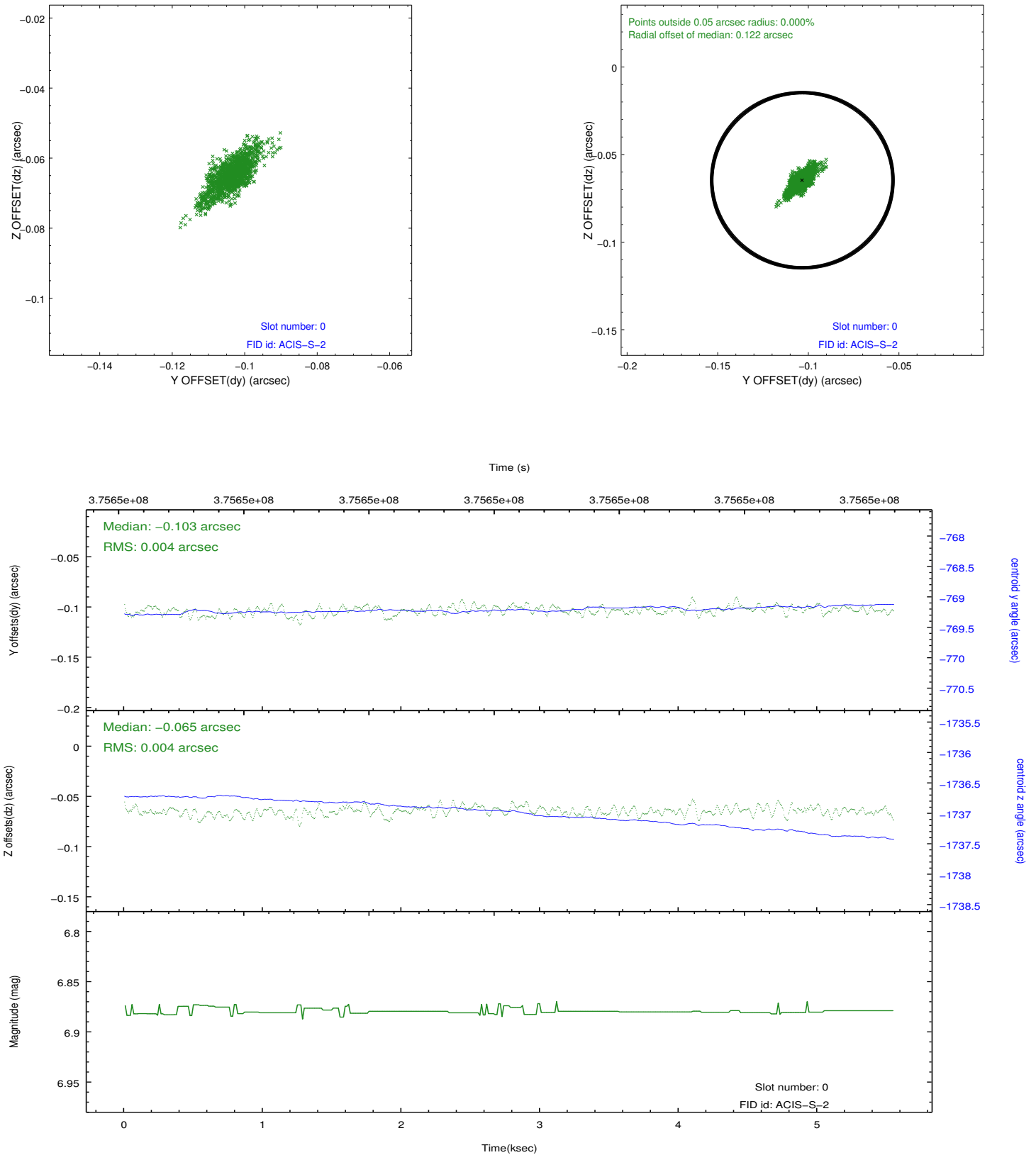


2.4.5 Slot 7

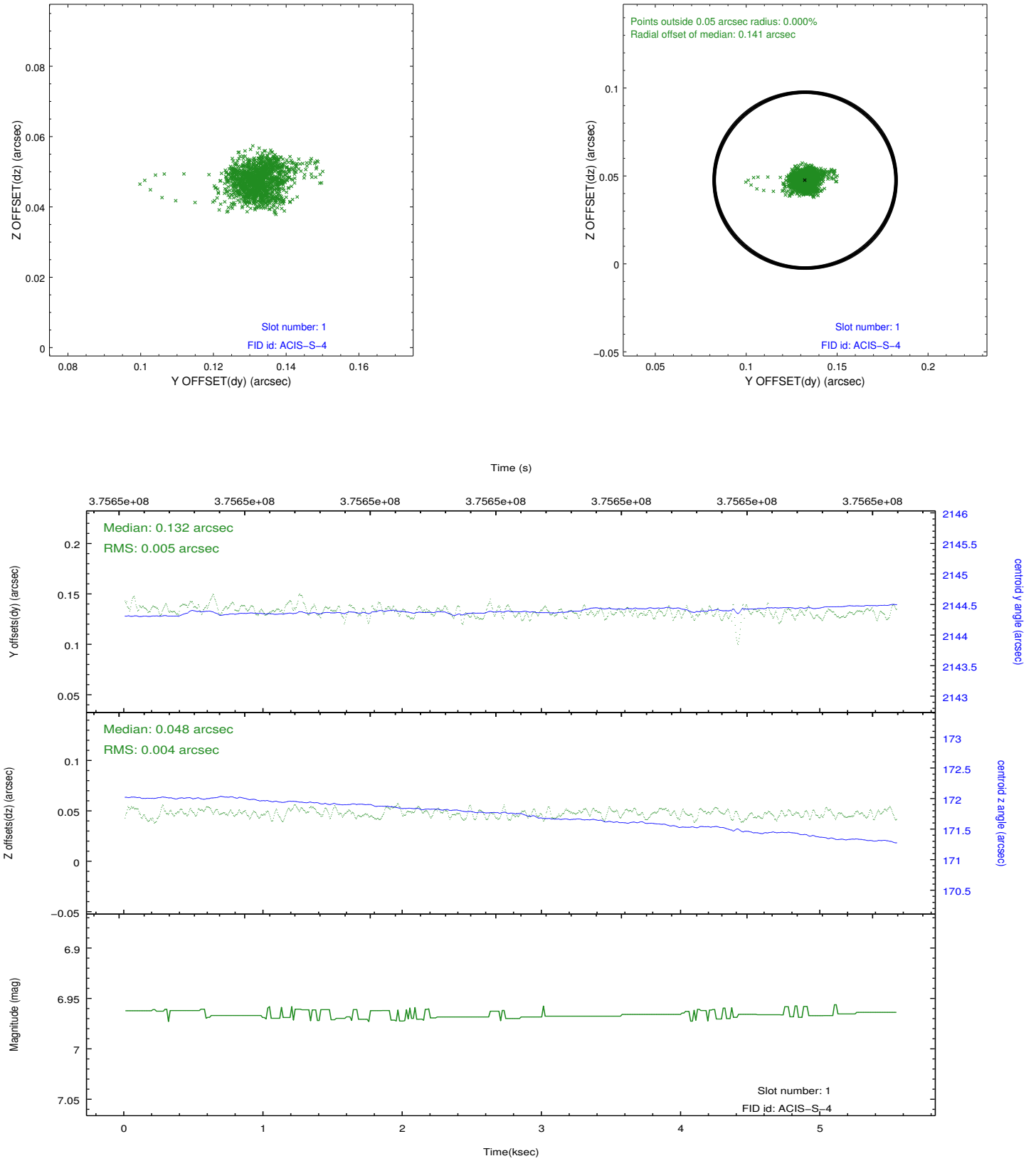


2.5 FID Slots

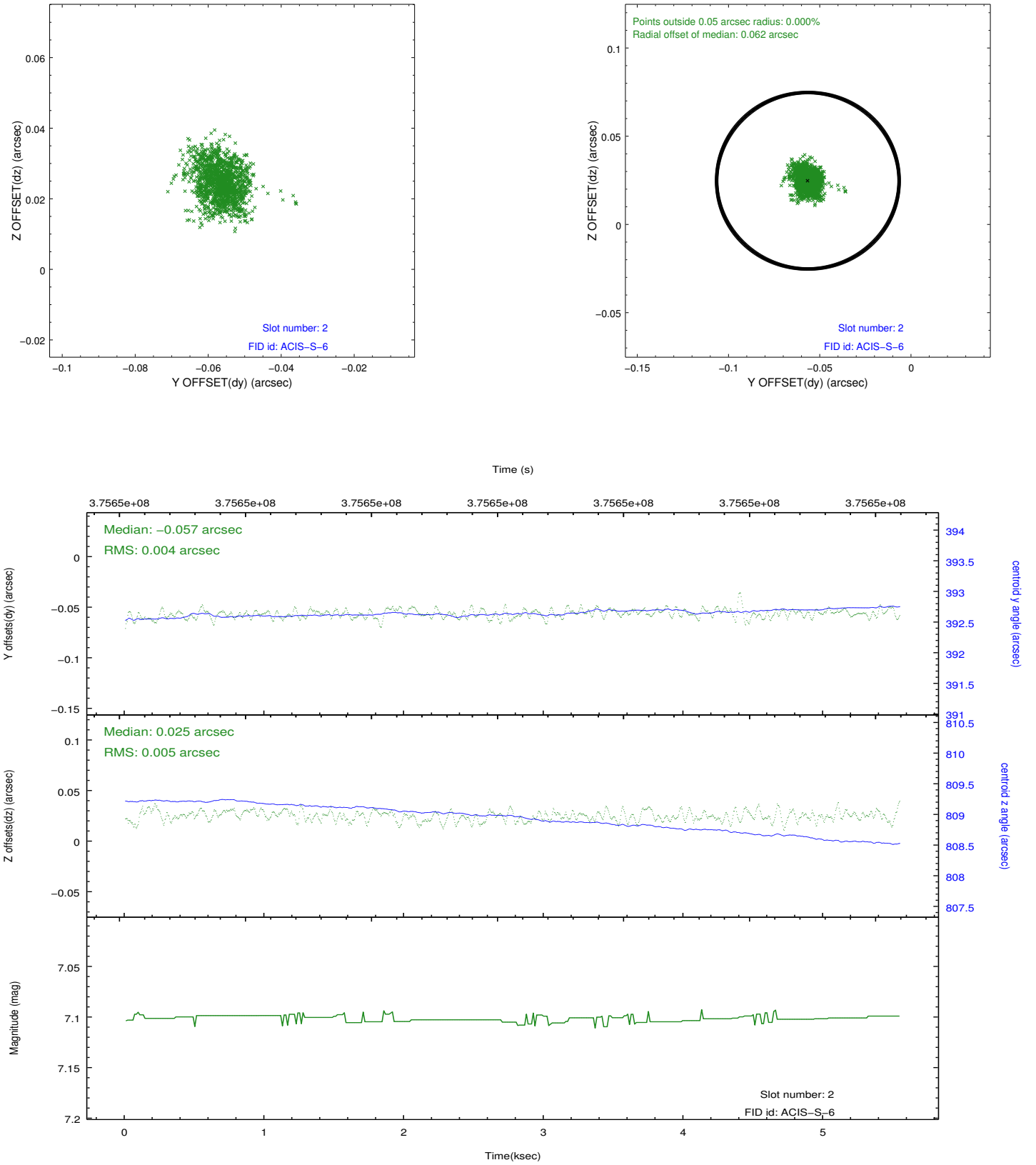
2.5.1 Slot 0



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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2587090386152

A.2 Comments

Joint Proposal: HST

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Strange shape of enhanced events in evt1 on chip 8. Looks like all these events were removed in level 2. No evidence of a problem in the bias file.