

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6302 - L2 Version 2
Chandra X-Ray Center

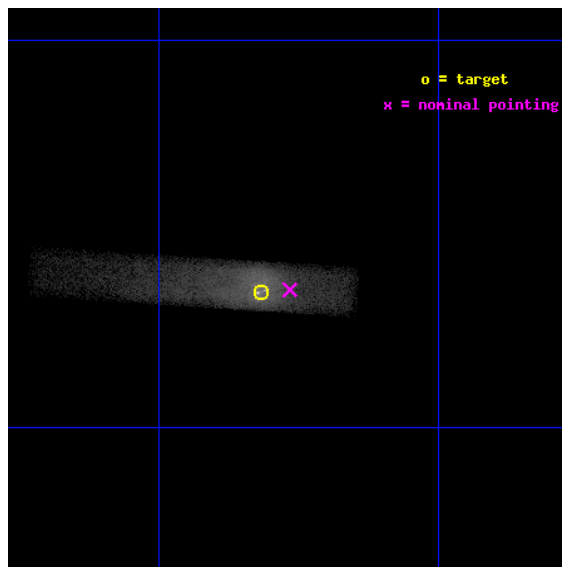
L2 Processing Date : Mar 28 2012

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1 Front

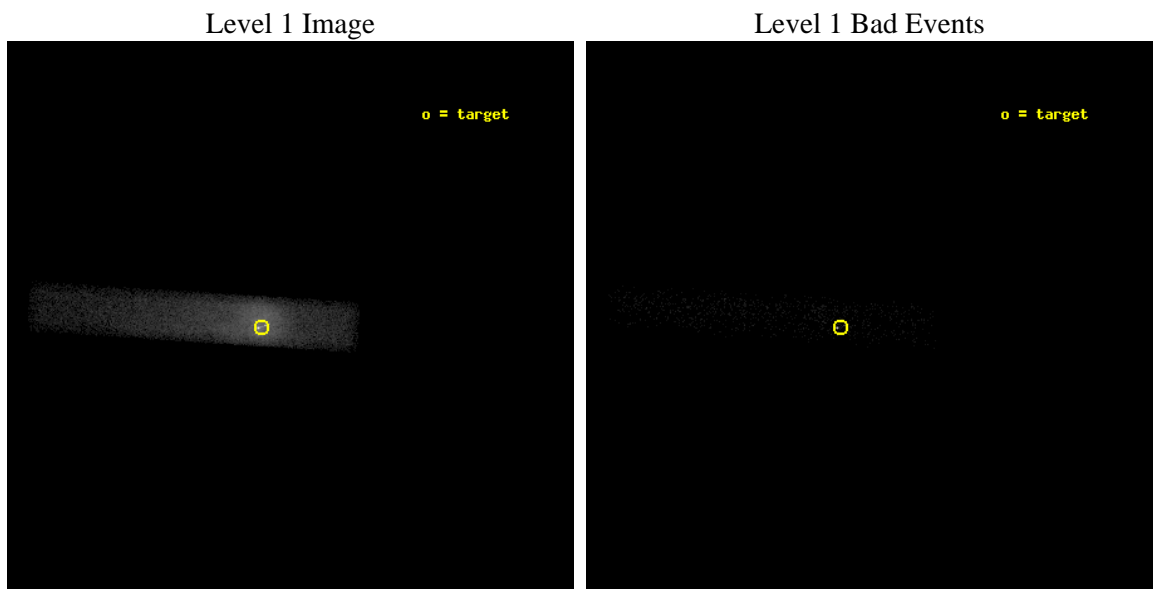
seq_num	701184	Sequence number
obs_id	6302	Observation id
title	HST / Chandra Monitoring of a Dramatic Flare in the M87 Jet	Propos
observer	Dr. John Biretta	Principal investigator
object	M87	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.704167	Observer's specified target RA [deg]
dec_targ	12.391667	Observer's specified target Dec [deg]
ra_nom	187.6914987175	Nominal RA [deg]
dec_nom	12.392507424019	Nominal Dec [deg]
roll_nom	183.64413375005	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5183.2000772059	Sum of GTIs [s]
livetime	4700.888878293	Livetime [s]
ontime7	5183.2000772059	Sum of GTIs [s]
l2events	62991	Number of level 2 events



2 OBI

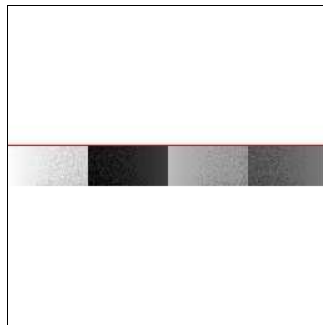
2.1 OBI

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	8.4.3	Processing system revision	ontime	5183.2000772059	Sum of GTIs [s]
caldsver	4.4.8	 	ontime7	5183.2000772059	Sum of GTIs [s]
date	2012-03-28T23:31:53	Date and time of file creation	l1events	74517	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

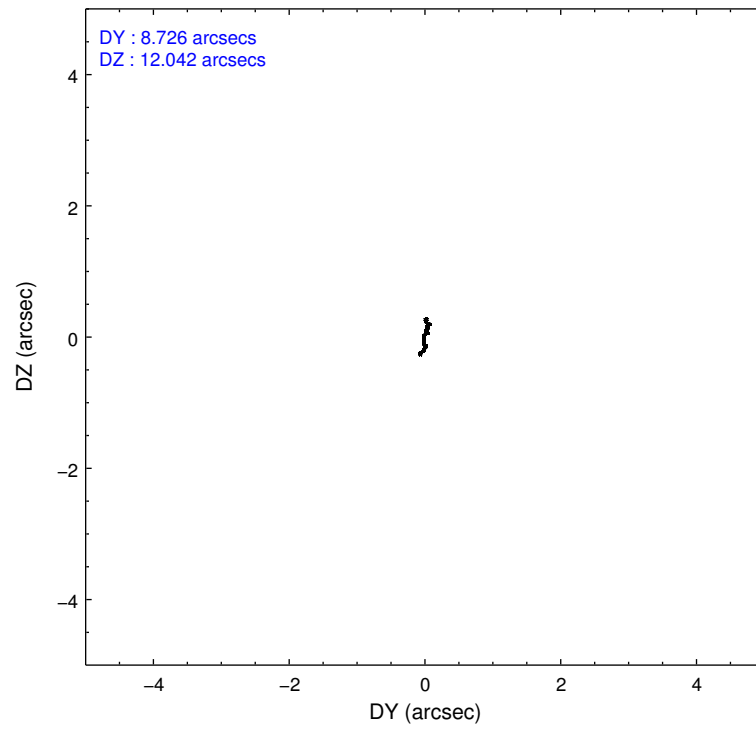
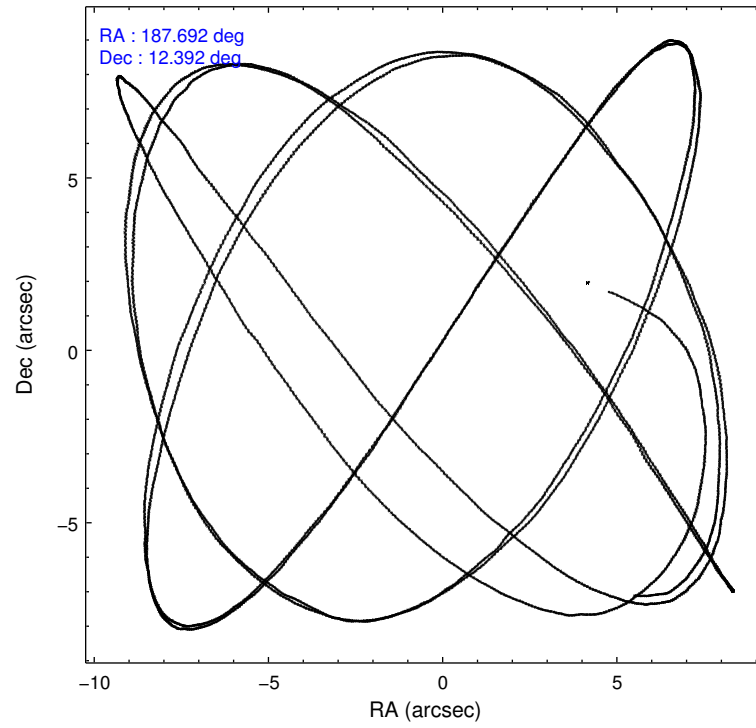
	ccd 7
level 1 events	74517
rejected events	10737
rejected %	14%

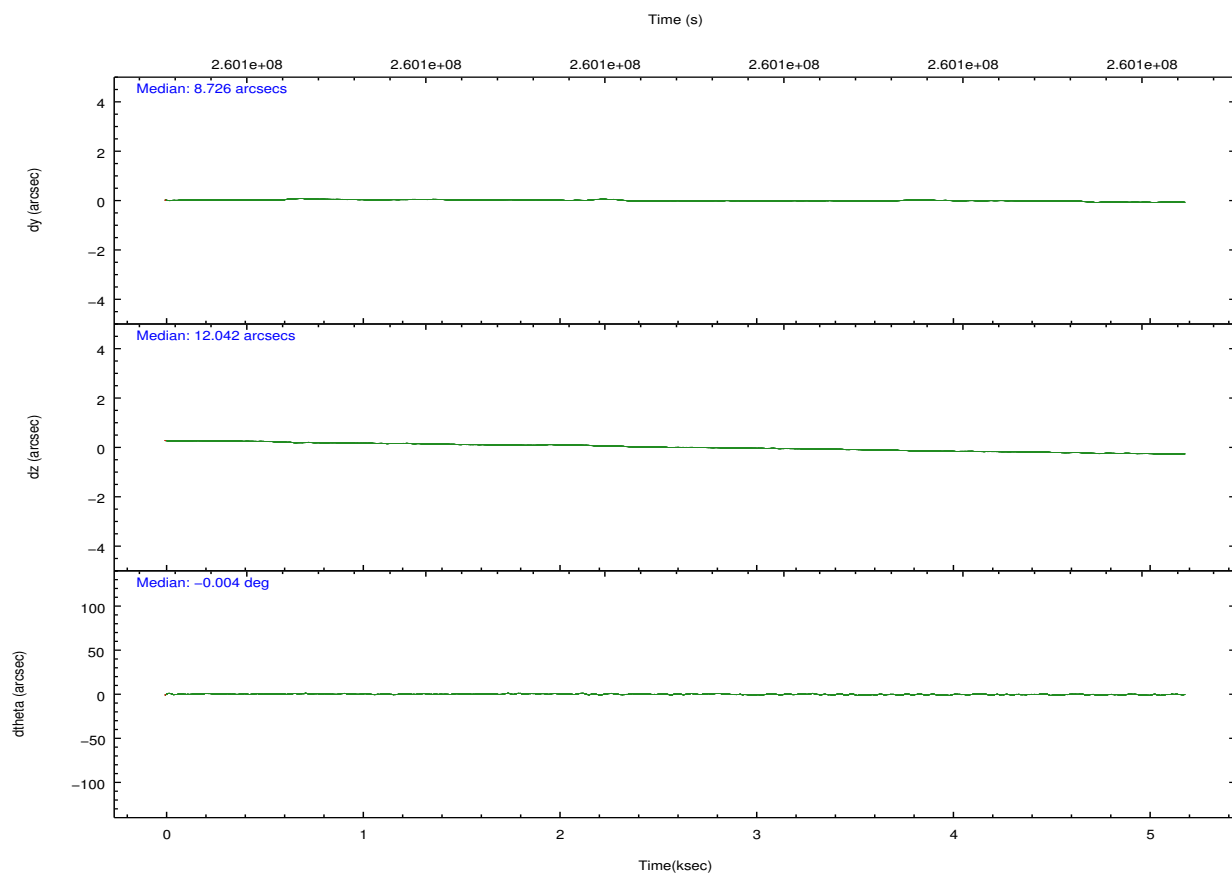
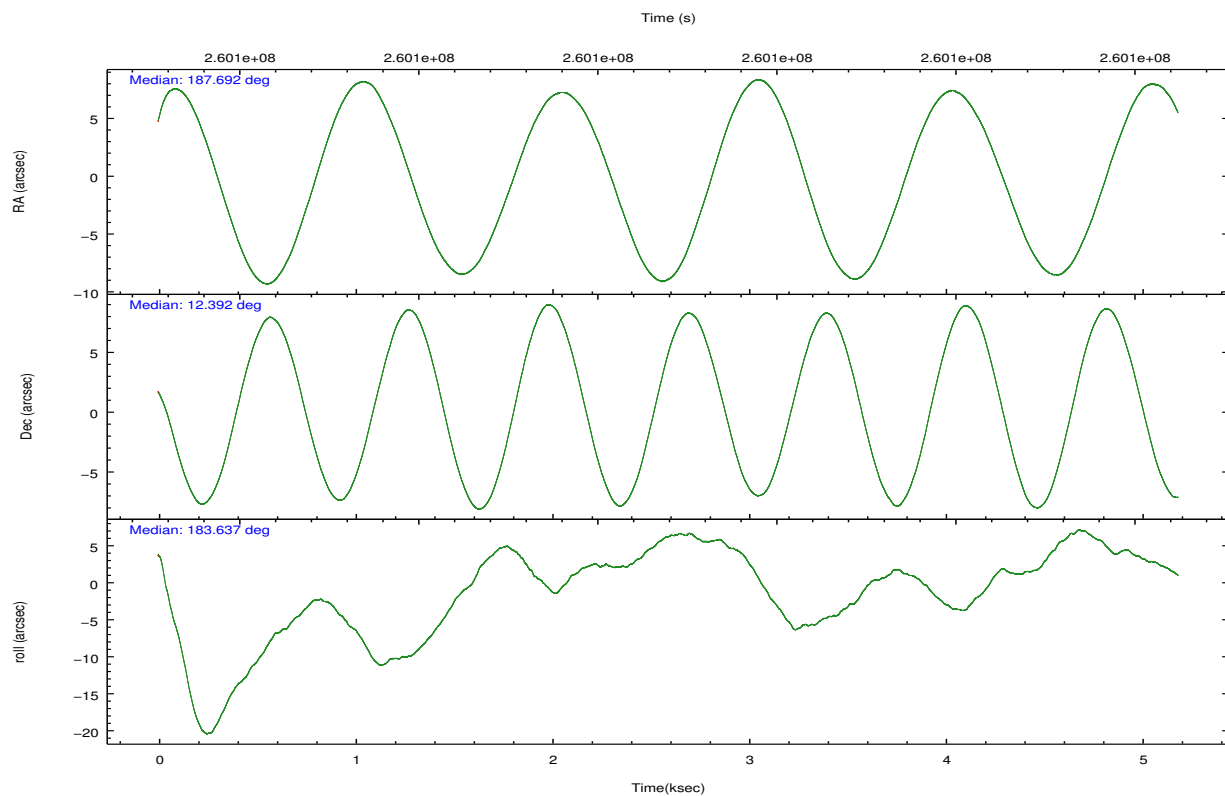
	ccd 7
grade 0 events	20366
	27%
grade 1 events	413
	0%
grade 2 events	16763
	22%
grade 3 events	7789
	10%
grade 4 events	7634
	10%
grade 5 events	2254
	3%
grade 6 events	13547
	18%
grade 7 events	5751
	7%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	187.714432	187.6914987174993	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.407972	12.39250742401894	Subarray start row	449	449
[deg] Pointing Roll	183.482555	183.6441337500484	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	260098977.184000	260097920.82059			
Observation start date	2006-03-30T09:41:52	2006-03-30T09:25:20			
[s] Observation end time (MET)	260103977.184000	260104815.99591			
Observation end date	2006-03-30T11:05:12	2006-03-30T11:20:15			
Read mode	TIMED	TIMED			

2.3 Aspect



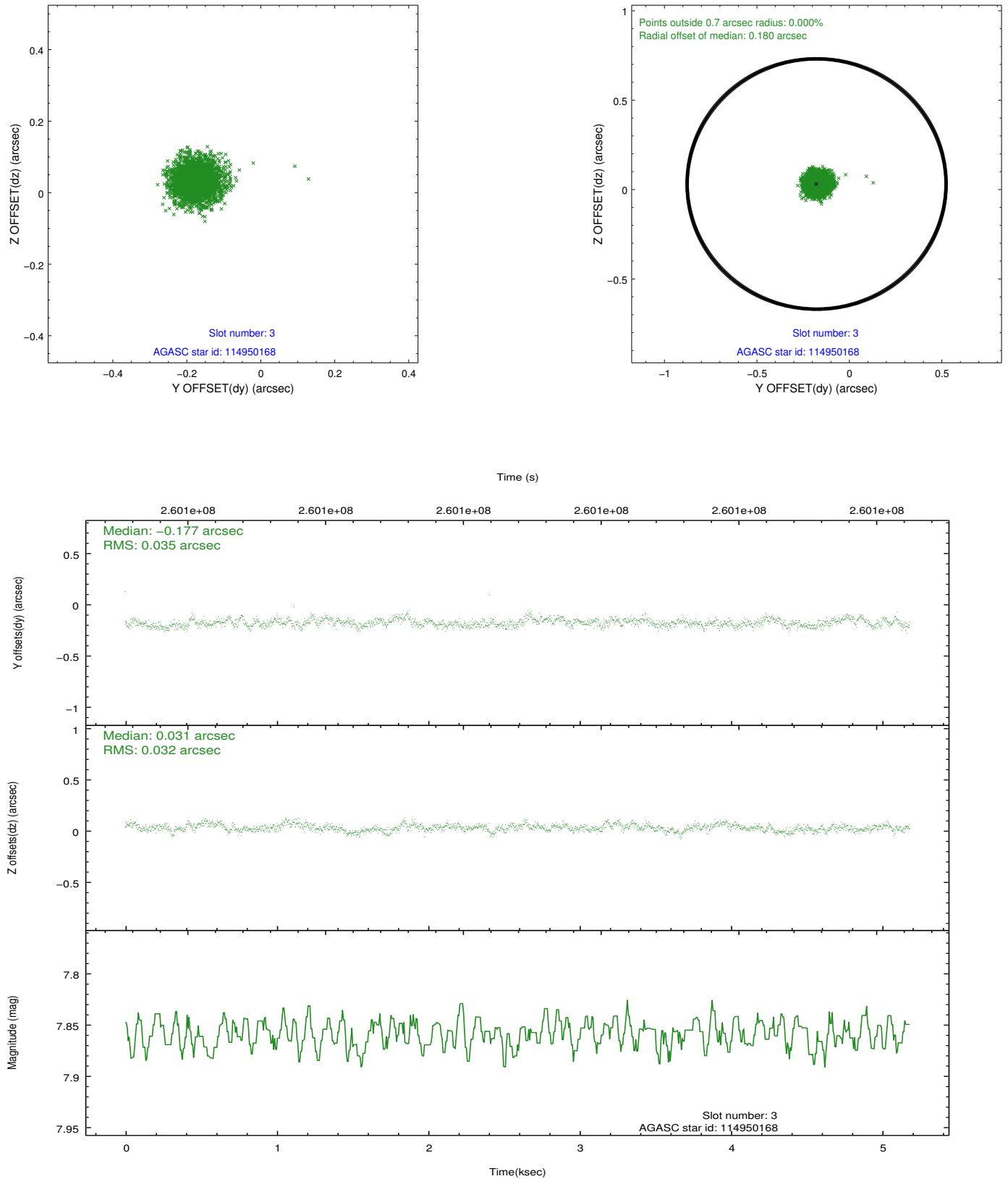


Slot Statistics

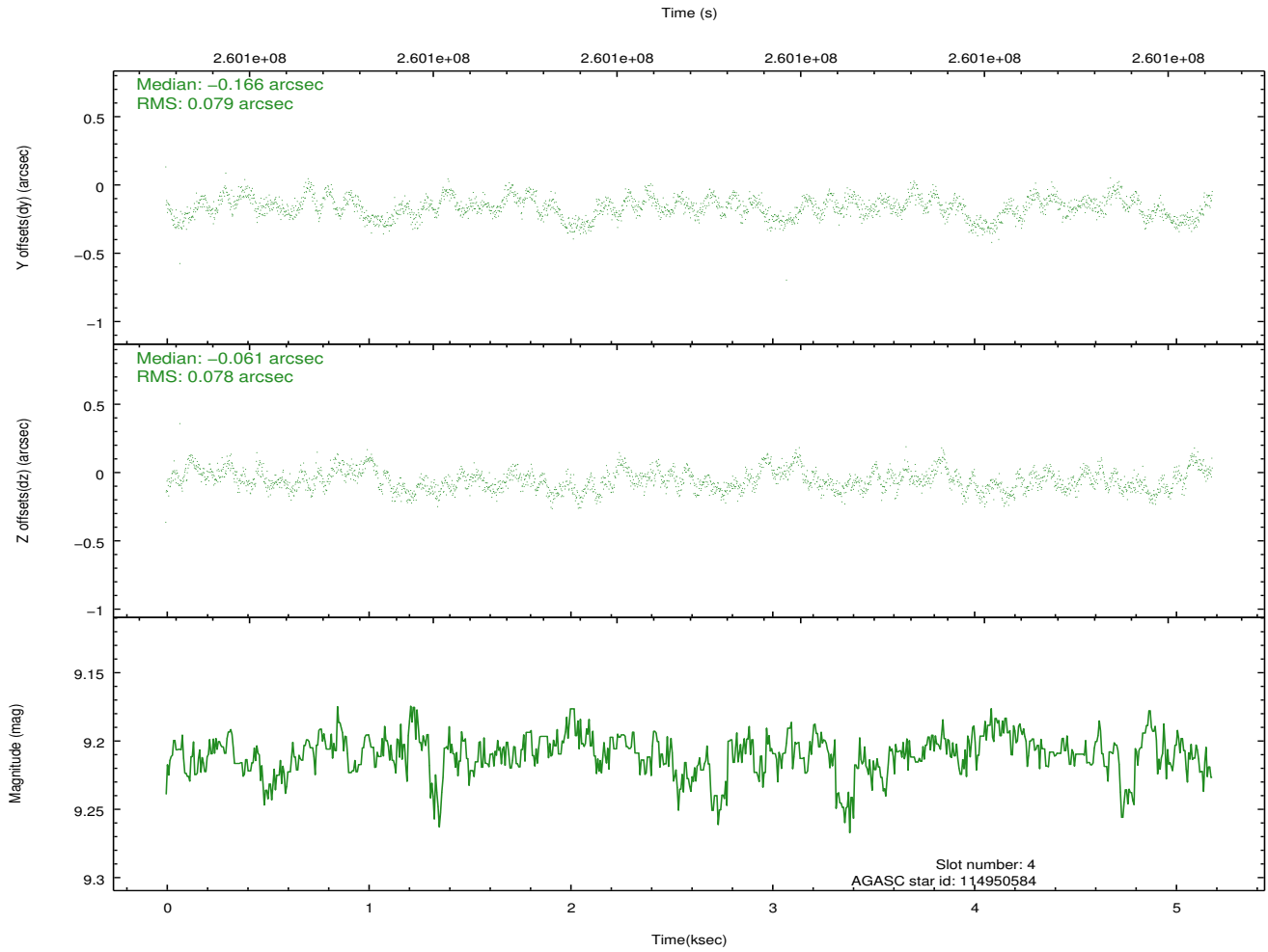
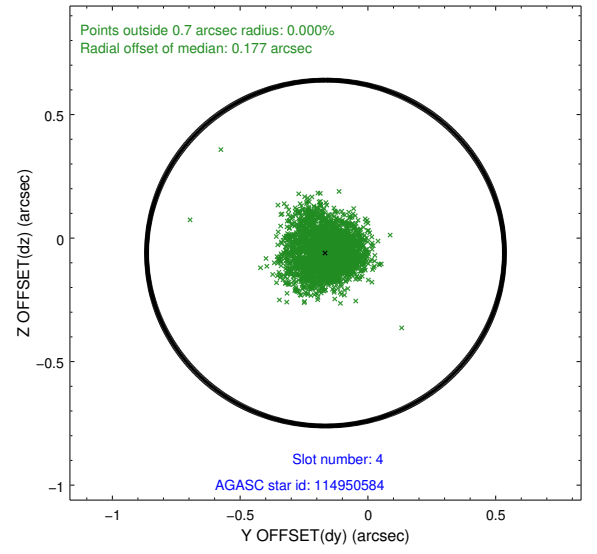
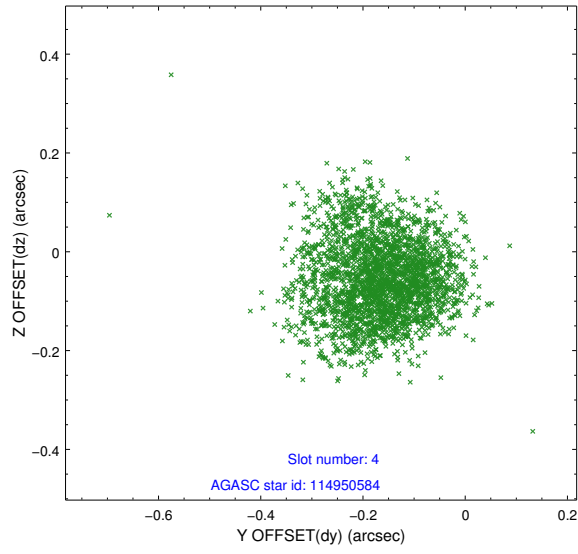
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1265	0.077	-0.072	0.009	0.016	0.000000	0.000000	934.55	-1729.07
1	FID	ACIS-S-5	7.24	1265	-0.117	0.051	0.007	0.011	0.000000	0.000000	-1813.95	167.47
2	FID	ACIS-S-6	7.35	1265	0.019	0.033	0.011	0.019	0.000000	0.000000	398.84	812.68
3	GUIDE	114950168	7.86	2529	-0.177	0.031	0.050	0.081	187.143398	12.117441	2069.78	919.97
4	GUIDE	114950584	9.21	2528	-0.166	-0.061	0.119	0.187	187.487323	11.827248	926.83	2038.03
5	GUIDE	114952792	9.52	2520	-0.065	-0.070	0.122	0.192	187.070263	12.344747	2276.21	87.89
6	GUIDE	114955056	8.33	2530	0.266	0.014	0.068	0.106	187.914001	12.127854	-638.32	1048.70
7	GUIDE	114955568	7.51	2528	0.139	0.078	0.051	0.086	187.061916	11.826551	2422.21	1947.46

2.4 Star Slots

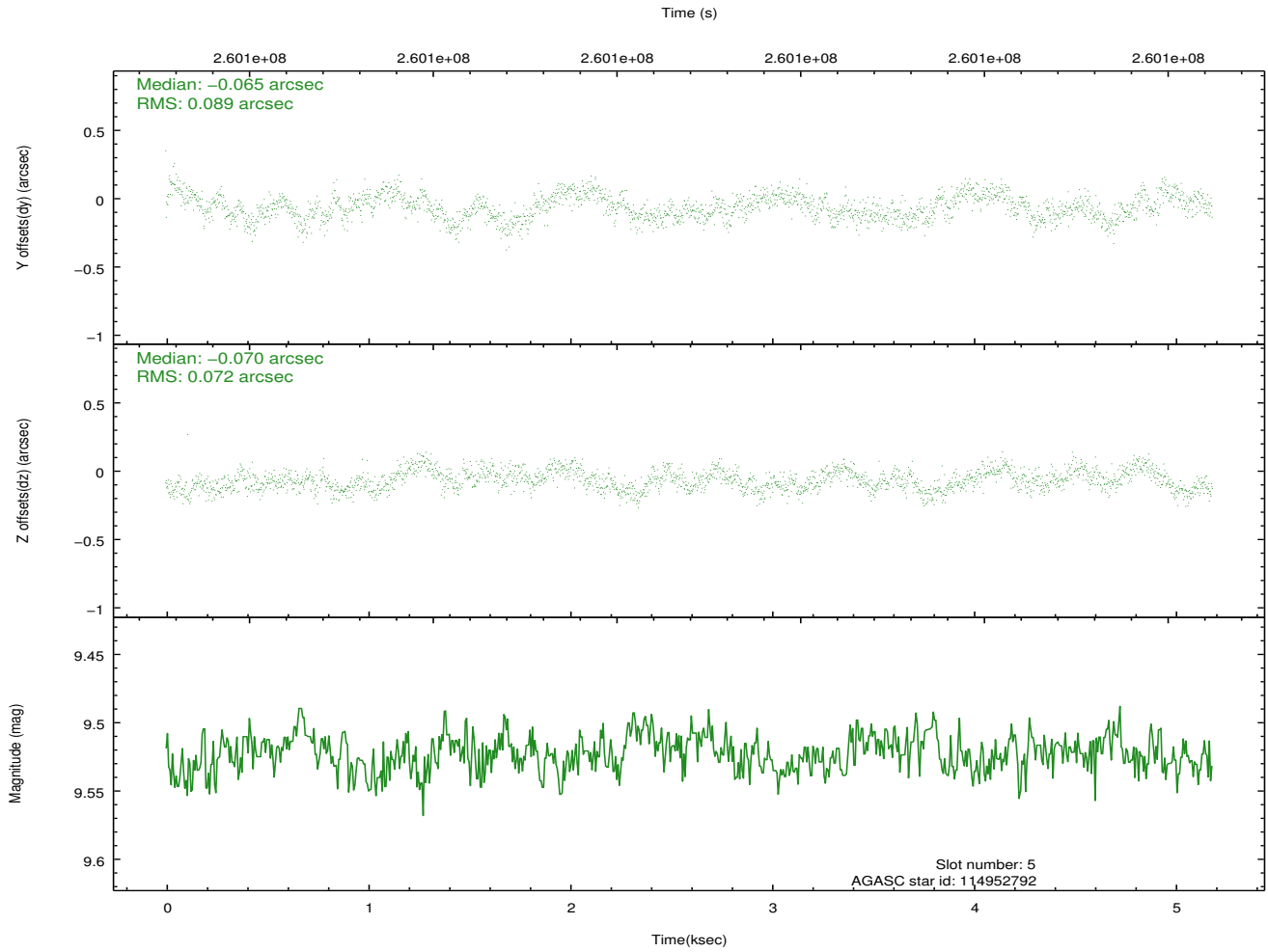
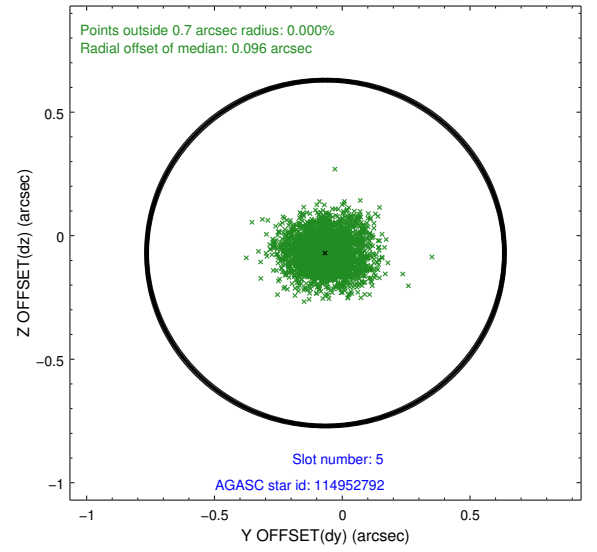
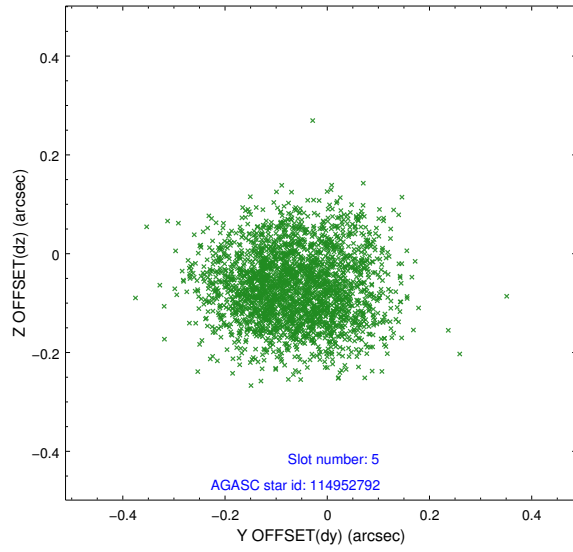
2.4.1 Slot 3



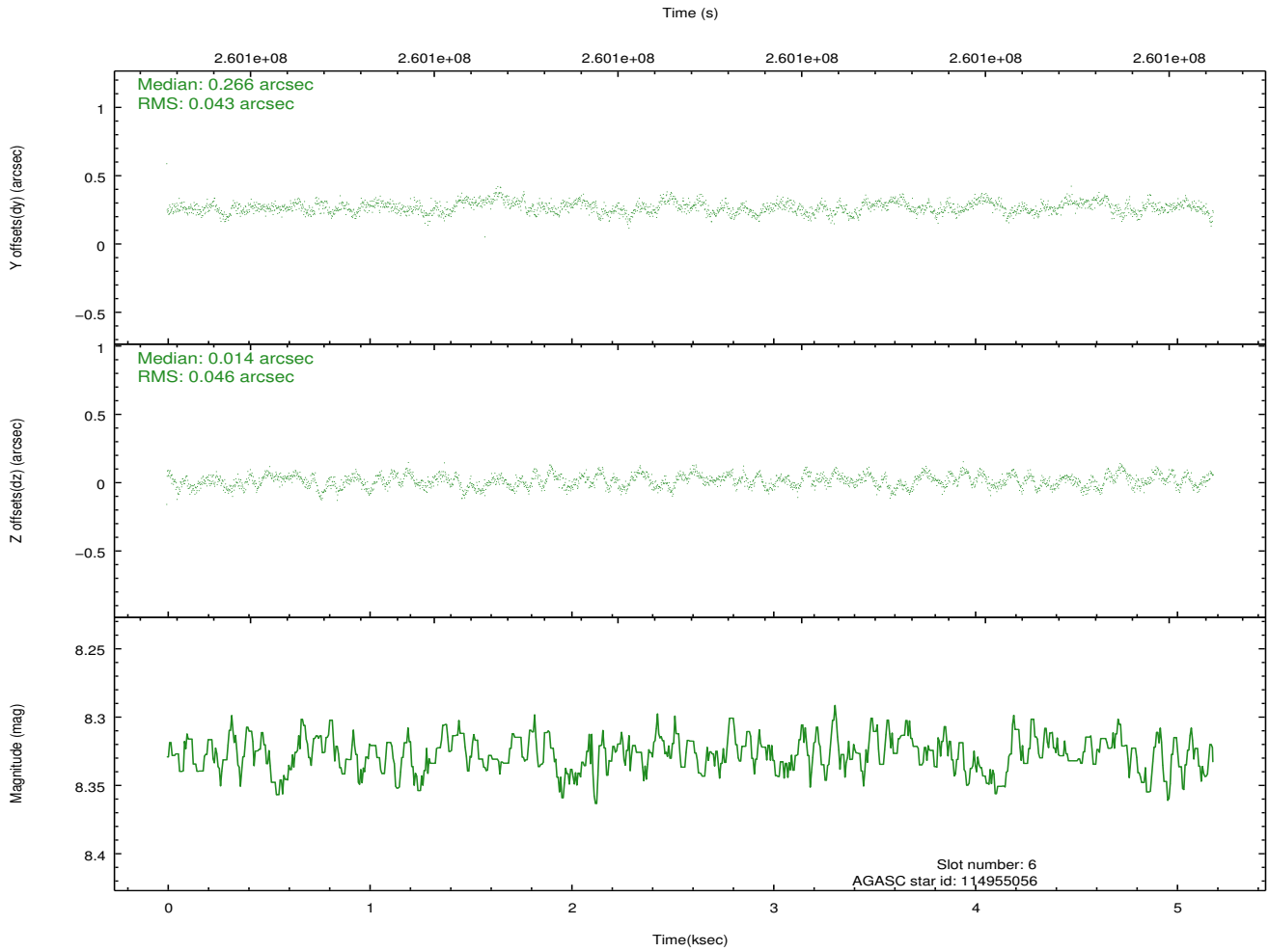
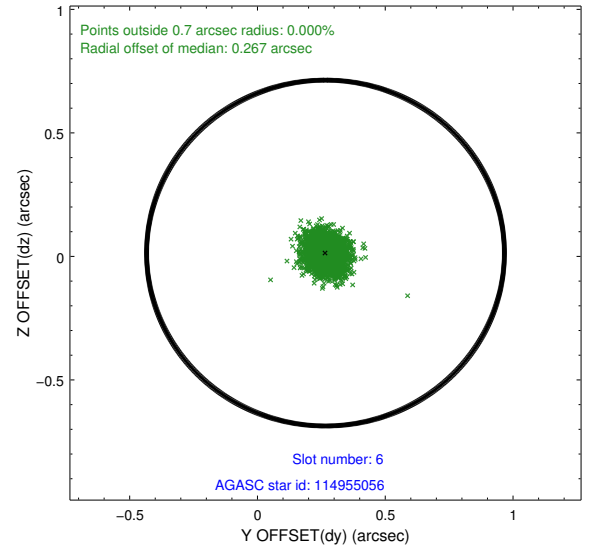
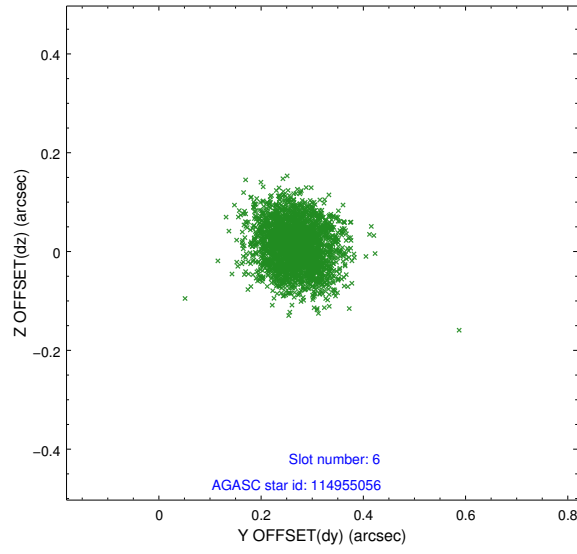
2.4.2 Slot 4



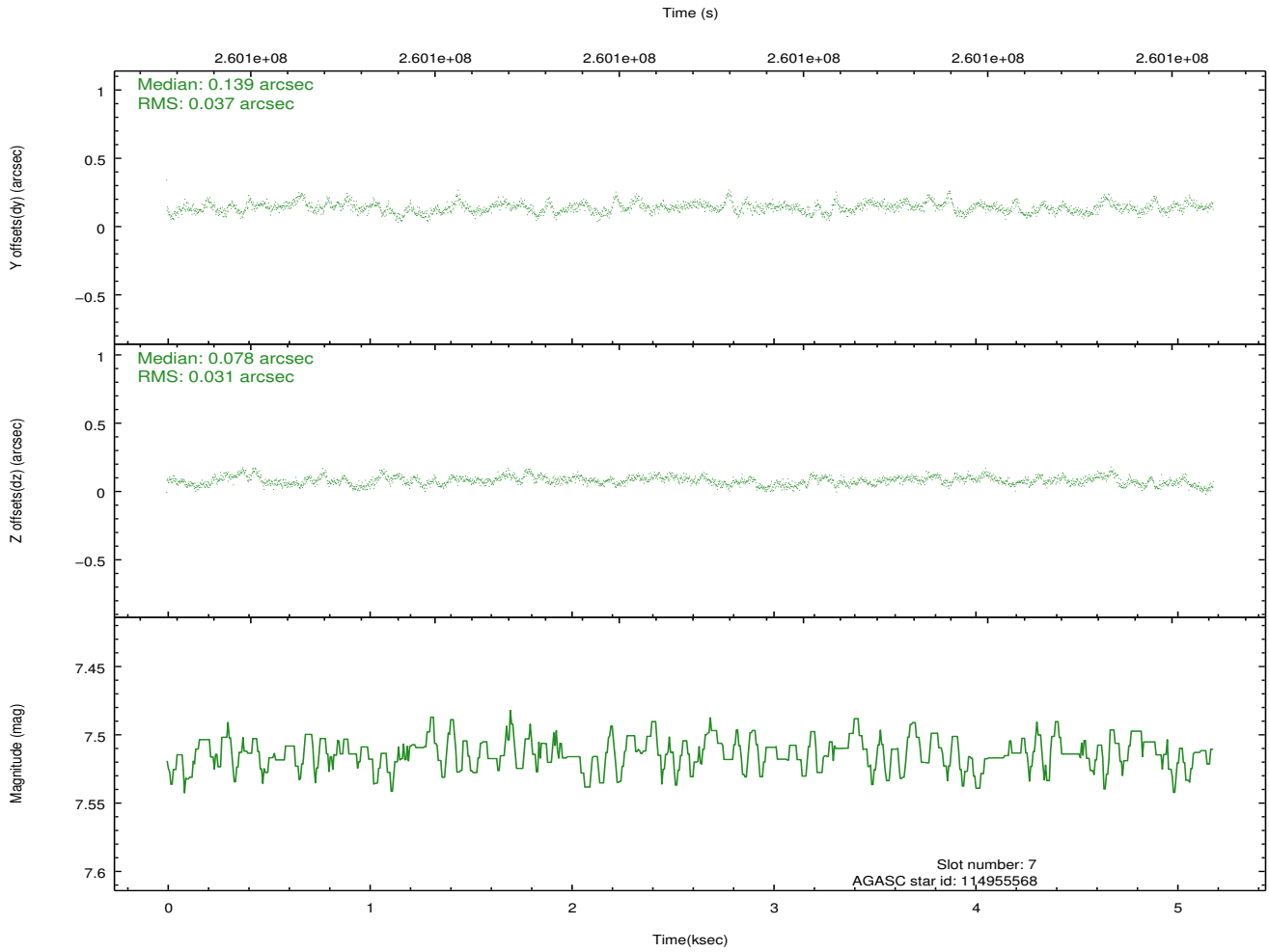
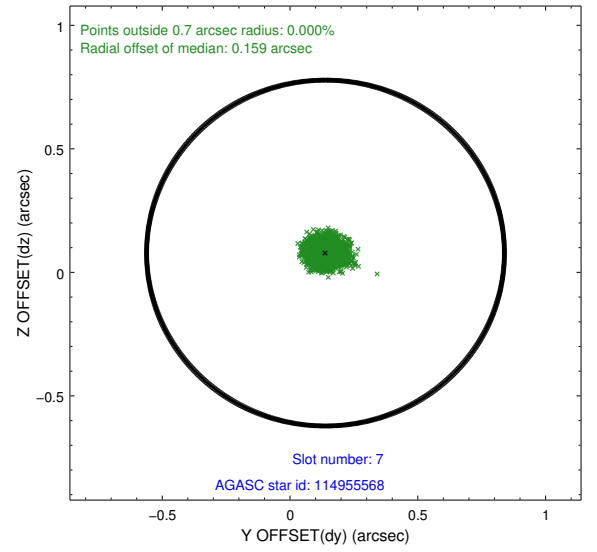
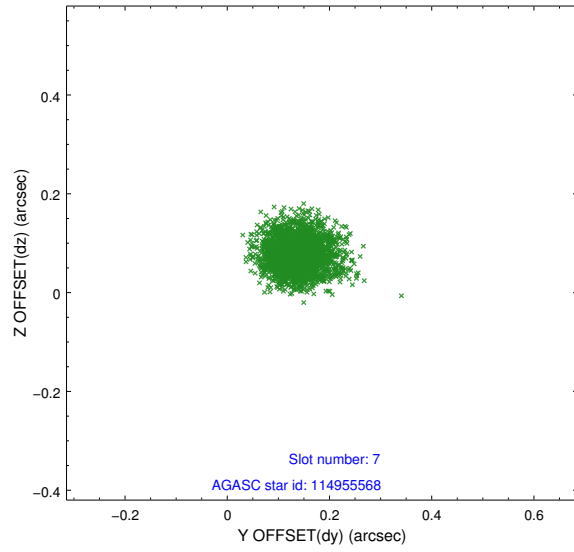
2.4.3 Slot 5



2.4.4 Slot 6

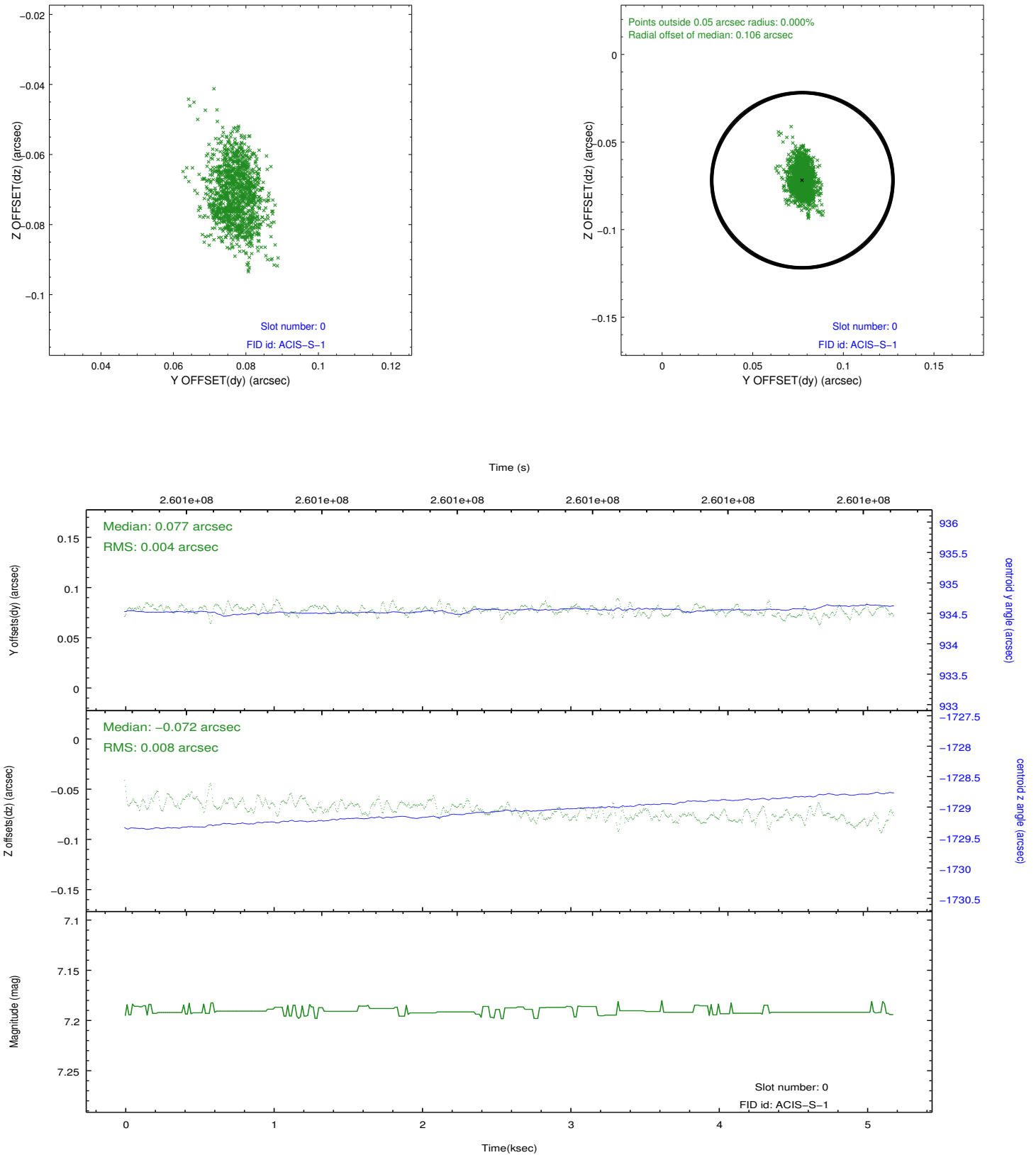


2.4.5 Slot 7

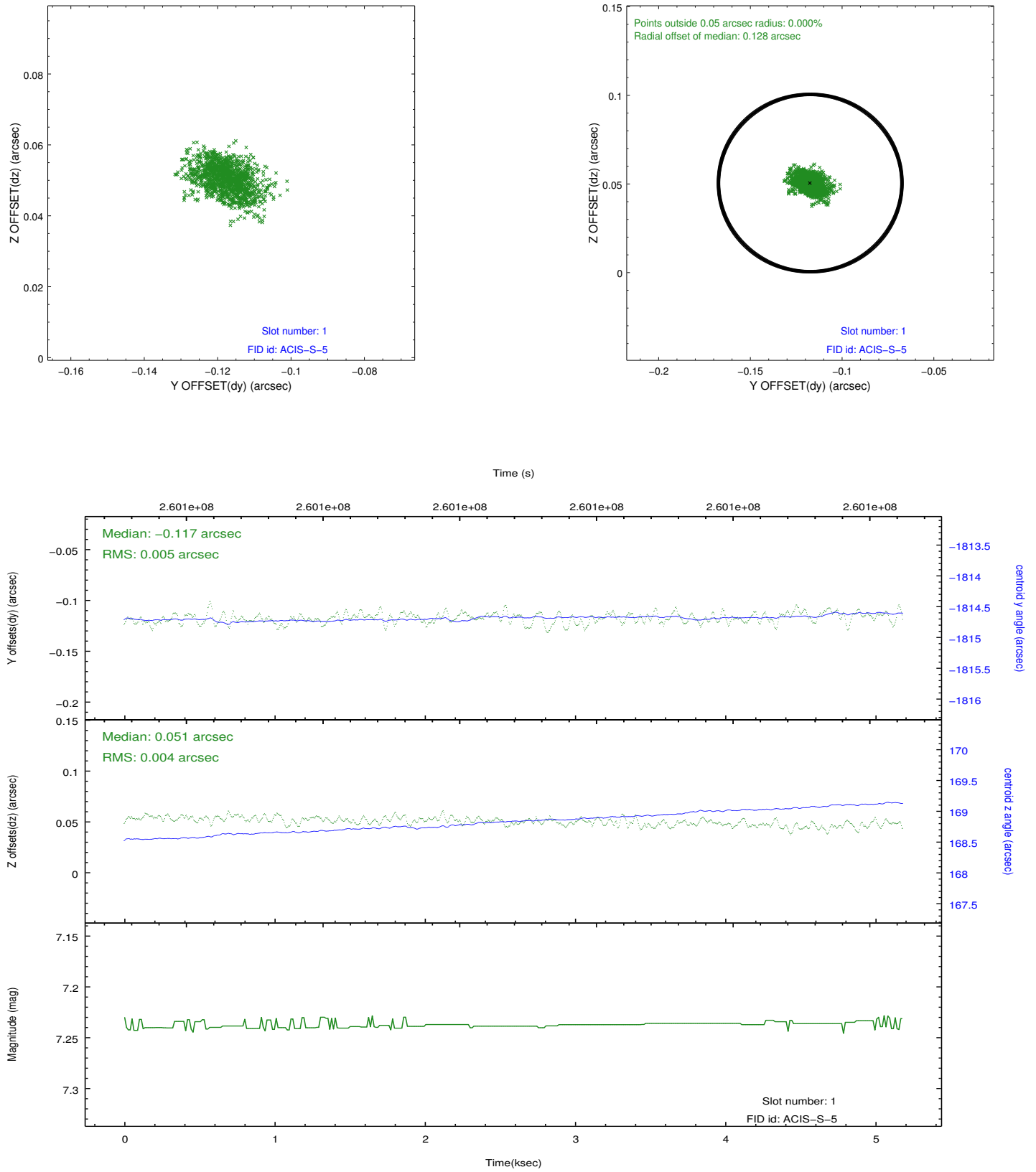


2.5 FID Slots

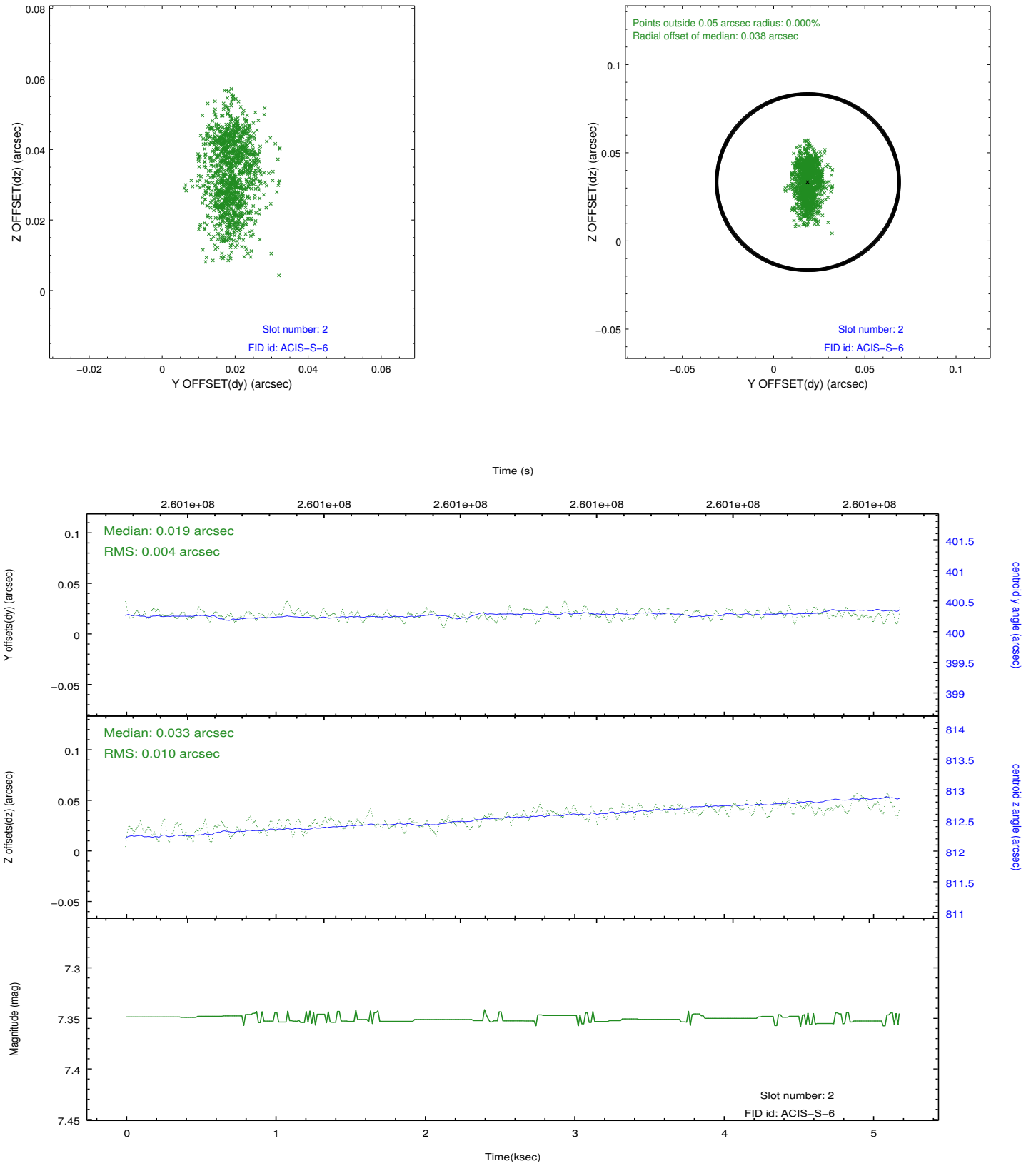
2.5.1 Slot 0



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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18320007

A.2 Comments

Joint Proposal: CX0-HST