

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 10375 - L2 Version 2  
Chandra X-Ray Center

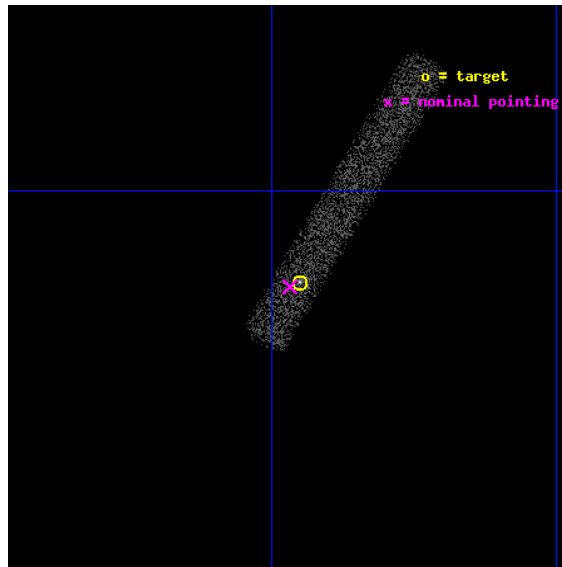
L2 Processing Date : May 25 2012

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# 1 Front

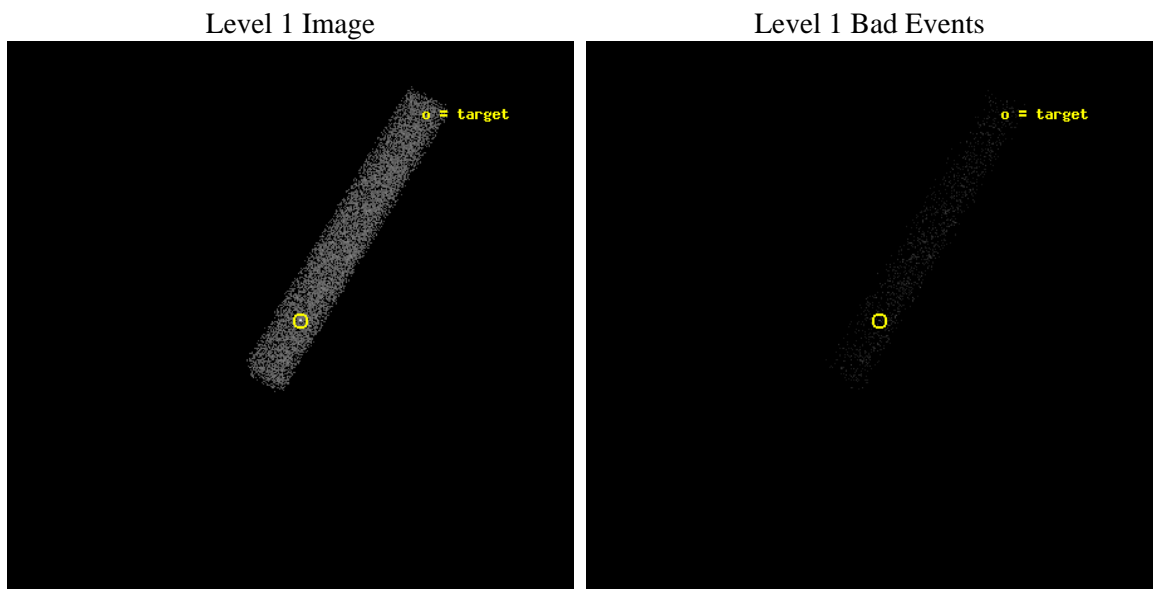
seq_num	701918	Sequence number
obs_id	10375	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	&#160
observer	Dr. Herman Marshall	Principal investigator
object	0256+075	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	44.862917	Observer's specified target RA [deg]
dec_targ	7.794333	Observer's specified target Dec [deg]
ra_nom	44.867306539616	Nominal RA [deg]
dec_nom	7.7922187908635	Nominal Dec [deg]
roll_nom	301.02625241455	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6179.9996316433	Sum of GTIs [s]
livetime	5604.9334587732	Livetime [s]
ontime7	6179.9996316433	Sum of GTIs [s]
l2events	6018	Number of level 2 events



## 2 OBI

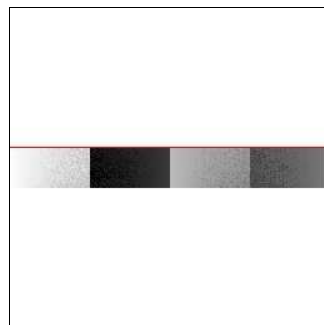
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6179.9996316433	Sum of GTIs [s]
caldsver	4.4.9	&#160	ontime7	6179.9996316433	Sum of GTIs [s]
date	2012-05-25T18:27:48	Date and time of file creation	l1events	13553	Number of level 1 events
revision	2	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	13553
rejected events	7383
rejected %	54%

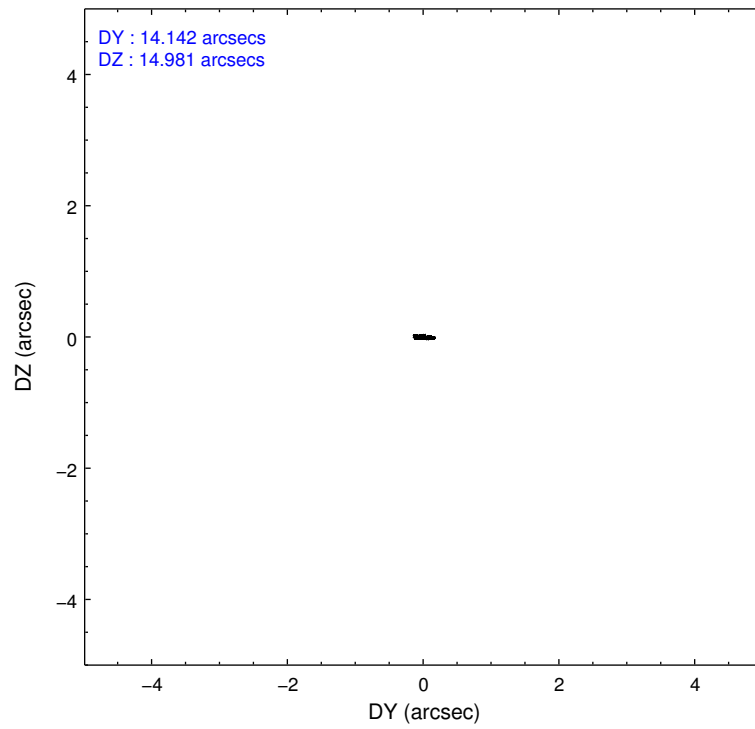
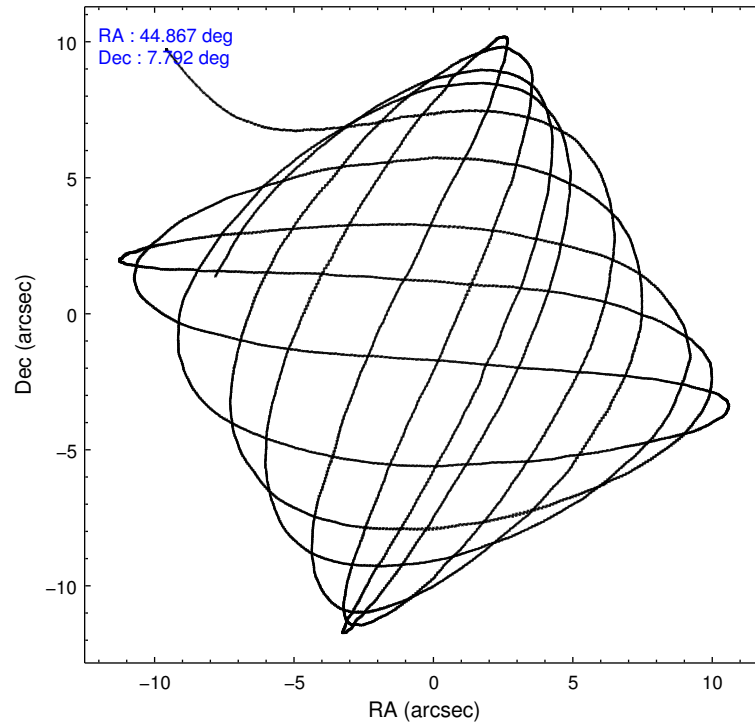
	<b>ccd 7</b>
grade 0 events	813
	5%
grade 1 events	17
	0%
grade 2 events	1384
	10%
grade 3 events	856
	6%
grade 4 events	851
	6%
grade 5 events	1172
	8%
grade 6 events	2945
	21%
grade 7 events	5515
	40%

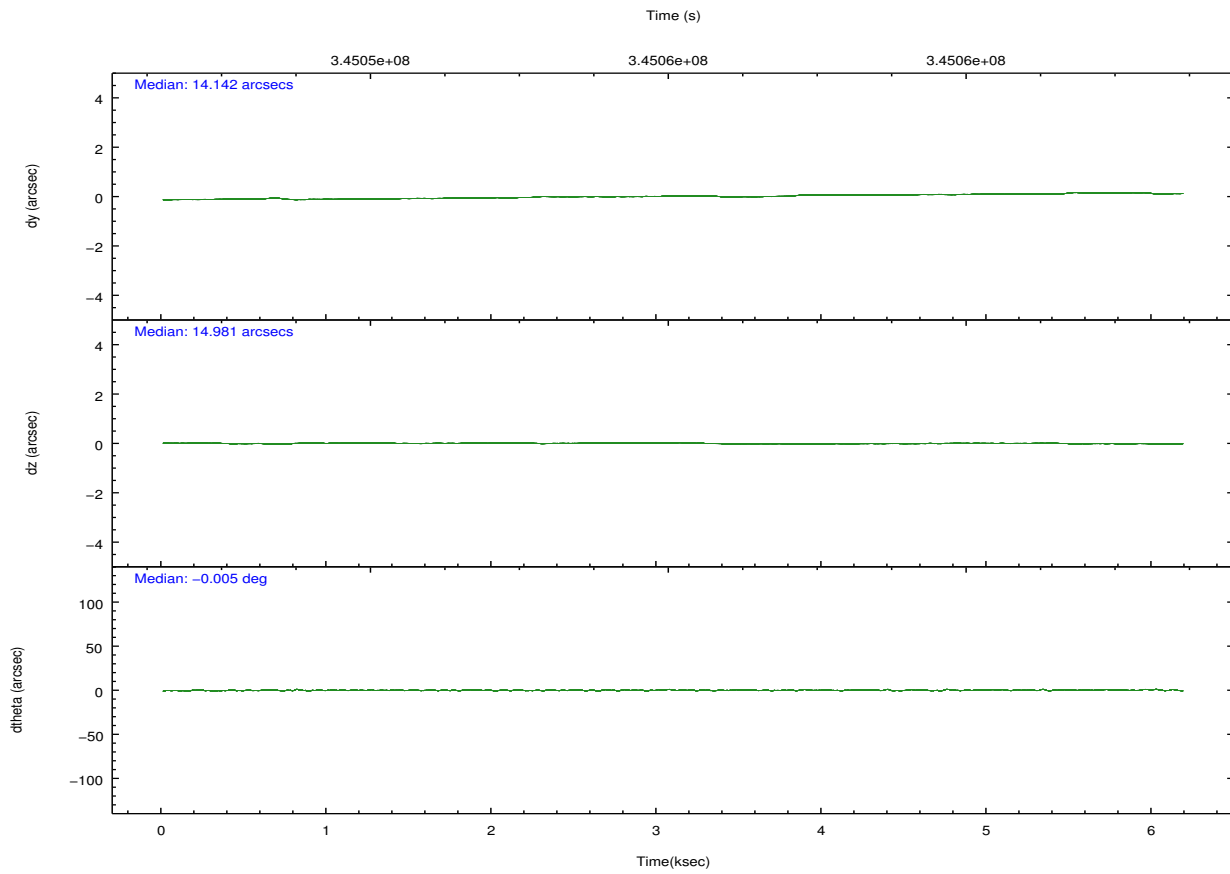
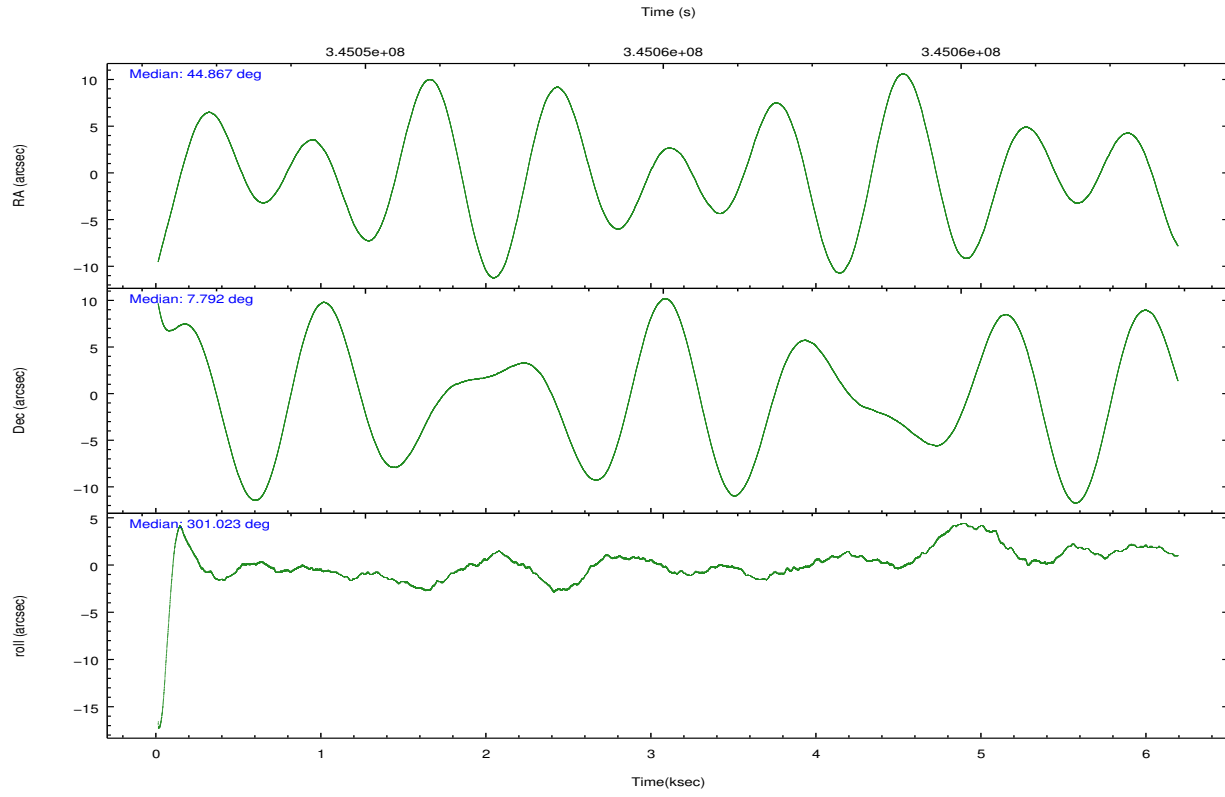


## 2.2 Compared Parameters

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	44.842943	44.86730653961567	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	7.805033	7.792218790863499	Subarray start row	449	449
[deg] Pointing Roll	300.872969	301.0262524145539	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)	345053122.184000	345052117.65619			
Observation start date	2008-12-07T16:04:17	2008-12-07T15:48:37			
[s] Observation end time (MET)	345059122.184000	345060159.29408			
Observation end date	2008-12-07T17:44:17	2008-12-07T18:02:39			
Read mode	TIMED	TIMED			

## 2.3 Aspect



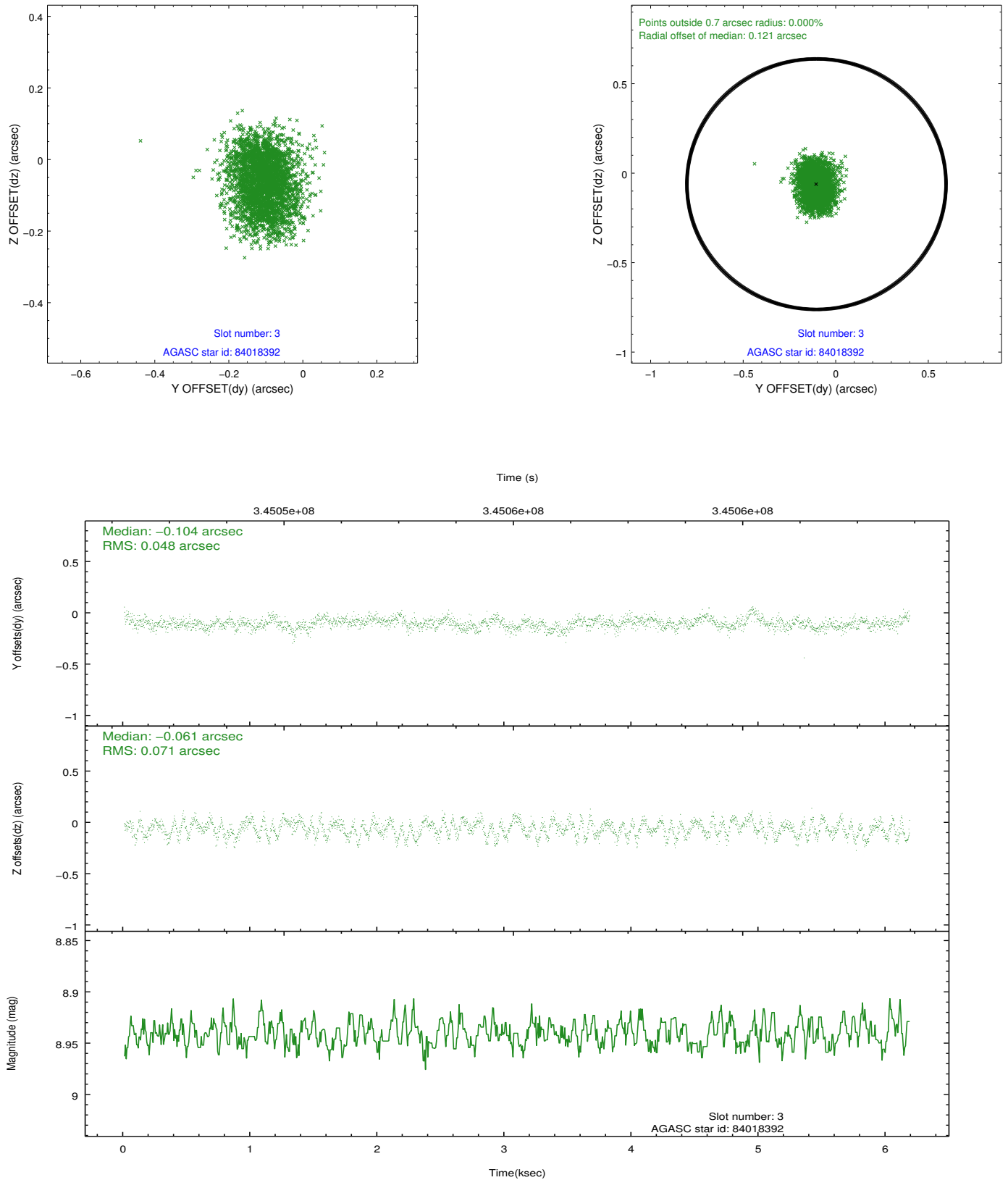


### Slot Statistics

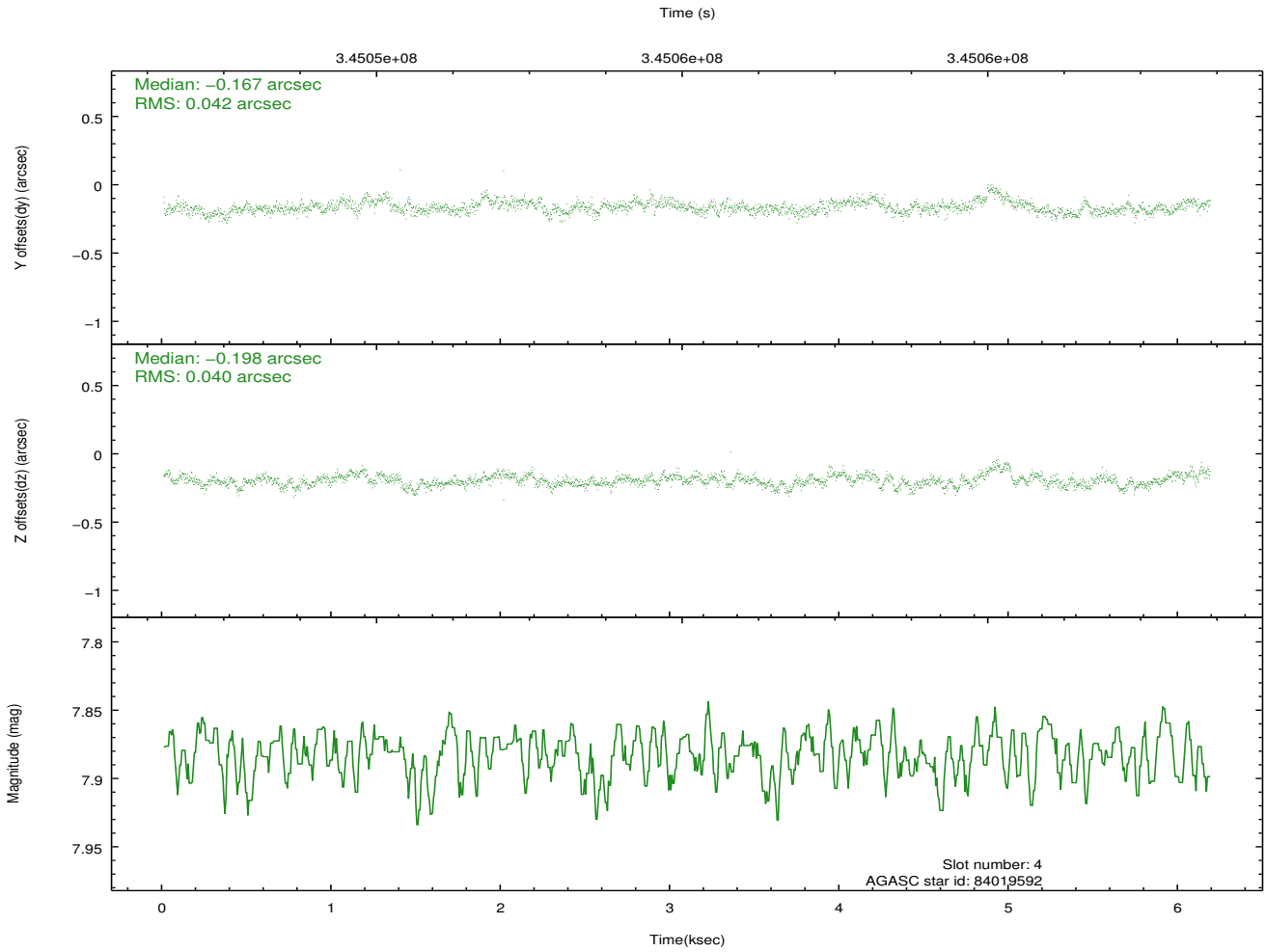
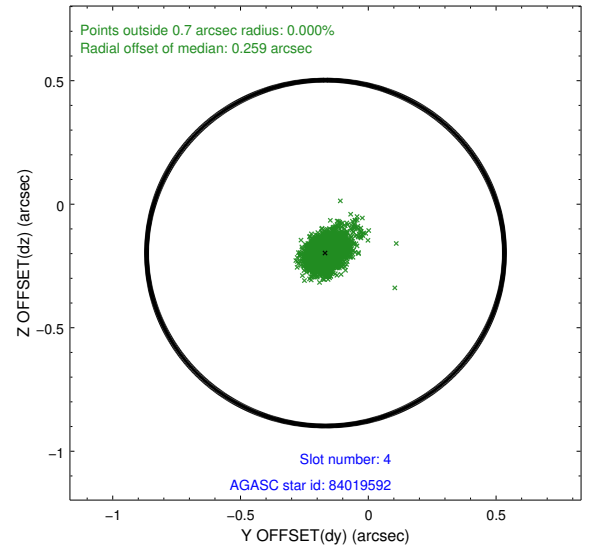
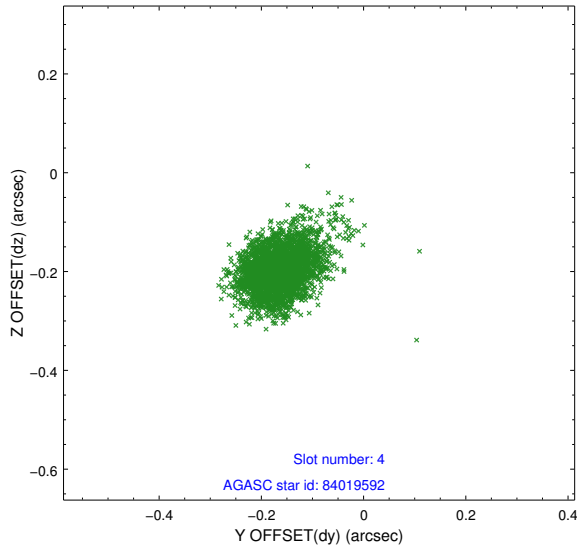
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	1508	-0.080	-0.041	0.006	0.010	0.000000	0.000000	-767.15	-1736.41
1	FID	ACIS-S-4	6.98	1508	0.233	0.050	0.006	0.011	0.000000	0.000000	2145.98	171.21
2	FID	ACIS-S-5	7.00	1508	-0.183	-0.000	0.006	0.010	0.000000	0.000000	-1818.90	165.87
3	GUIDE	84018392	8.94	3012	-0.104	-0.061	0.092	0.148	44.272149	7.653434	-576.77	-2027.19
4	GUIDE	84019592	7.88	3013	-0.167	-0.198	0.059	0.100	45.011721	7.749750	481.35	416.36
5	GUIDE	84019784	9.09	2948	0.206	0.313	0.088	0.138	44.962382	7.526684	1079.72	-148.03
6	GUIDE	84020952	9.08	3016	-0.032	-0.047	0.105	0.167	44.371265	7.778032	-779.08	-1493.62
7	GUIDE	7998960	9.33	2999	0.098	-0.001	0.102	0.164	45.570509	7.473840	2354.59	1617.92

## 2.4 Star Slots

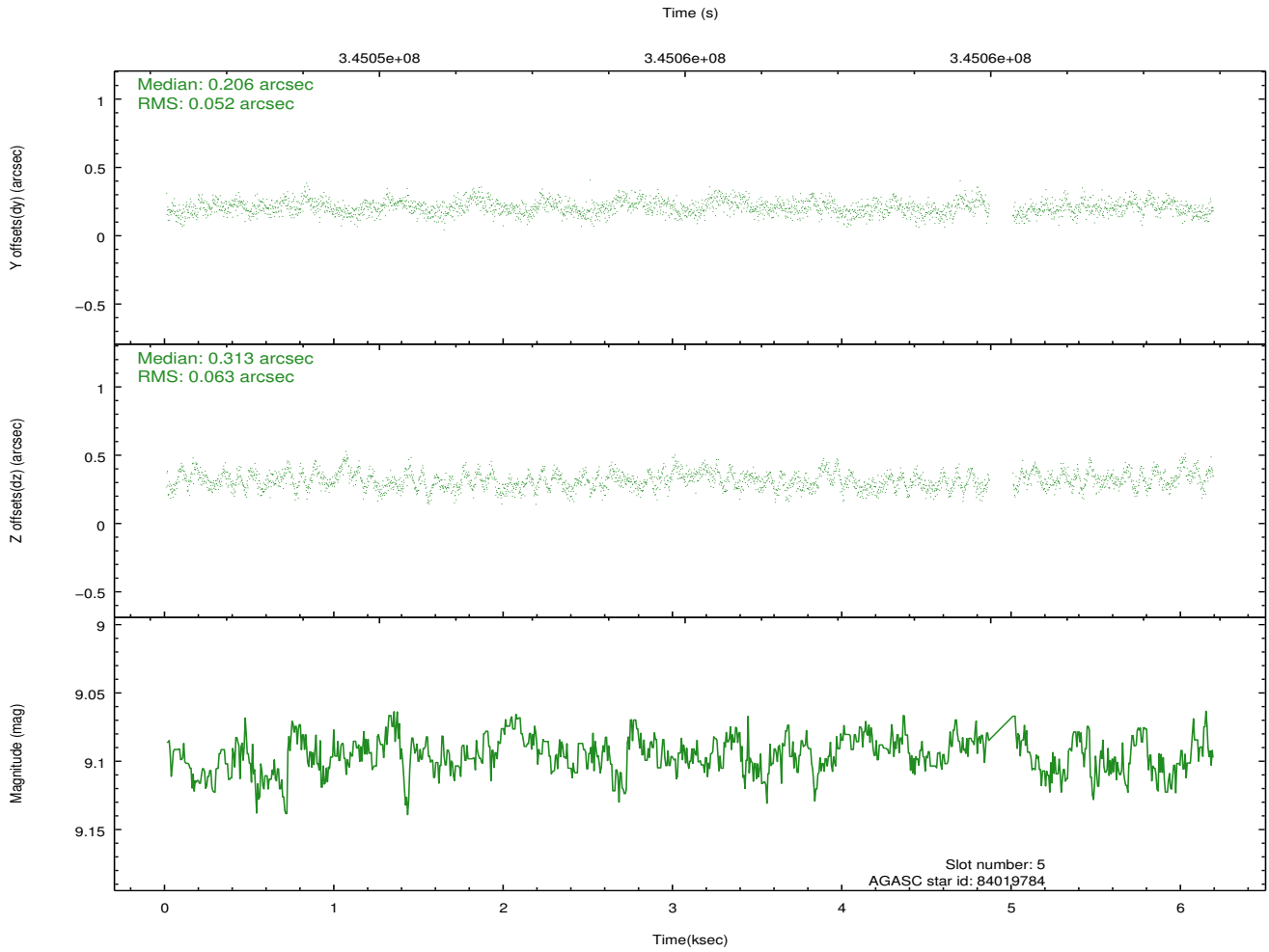
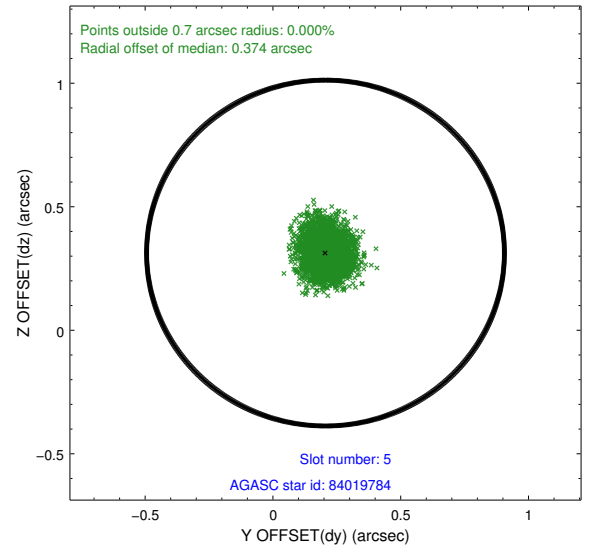
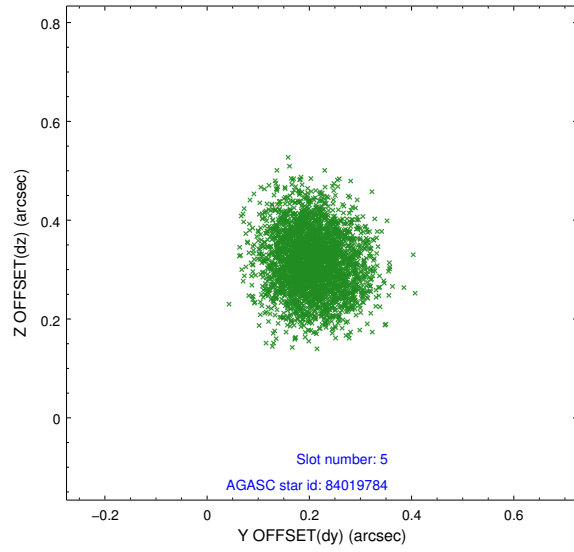
### 2.4.1 Slot 3



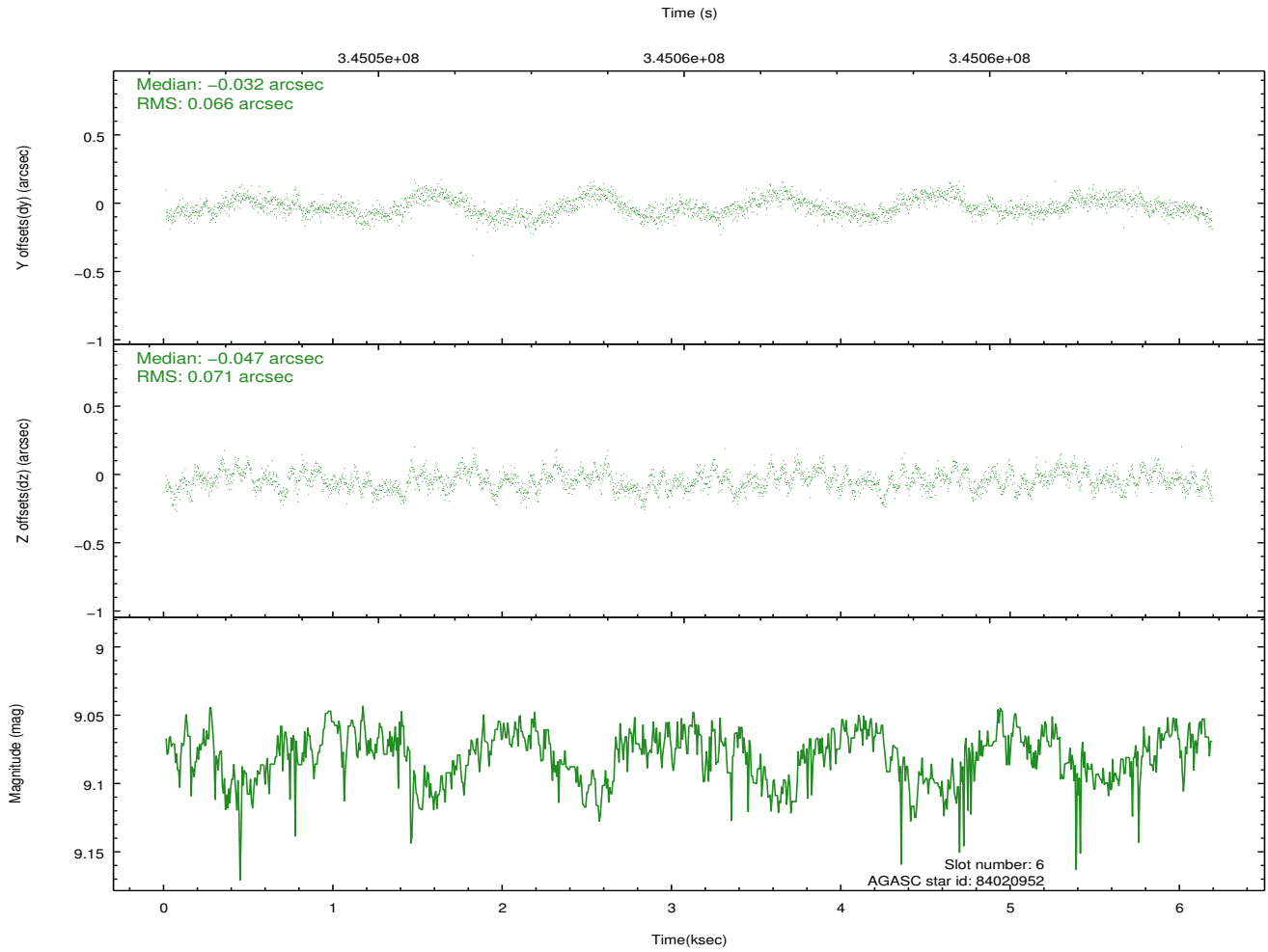
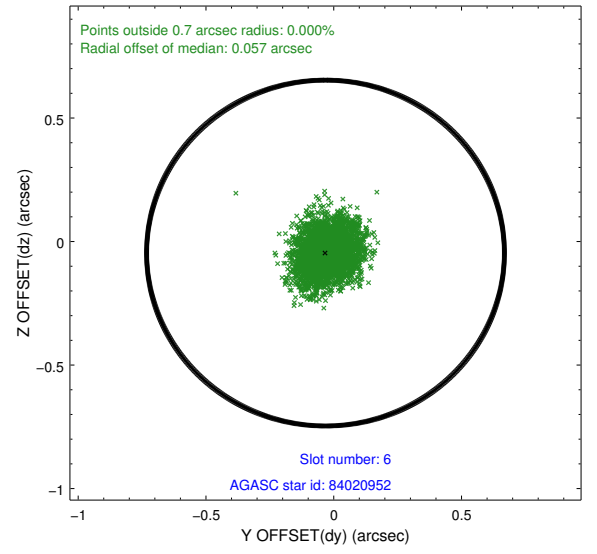
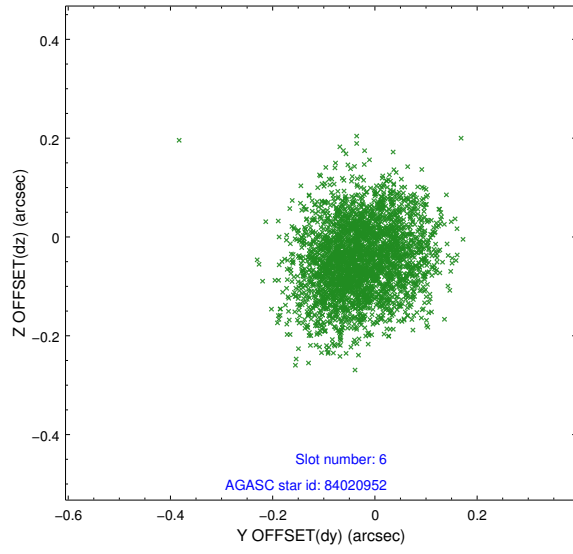
## 2.4.2 Slot 4



### 2.4.3 Slot 5

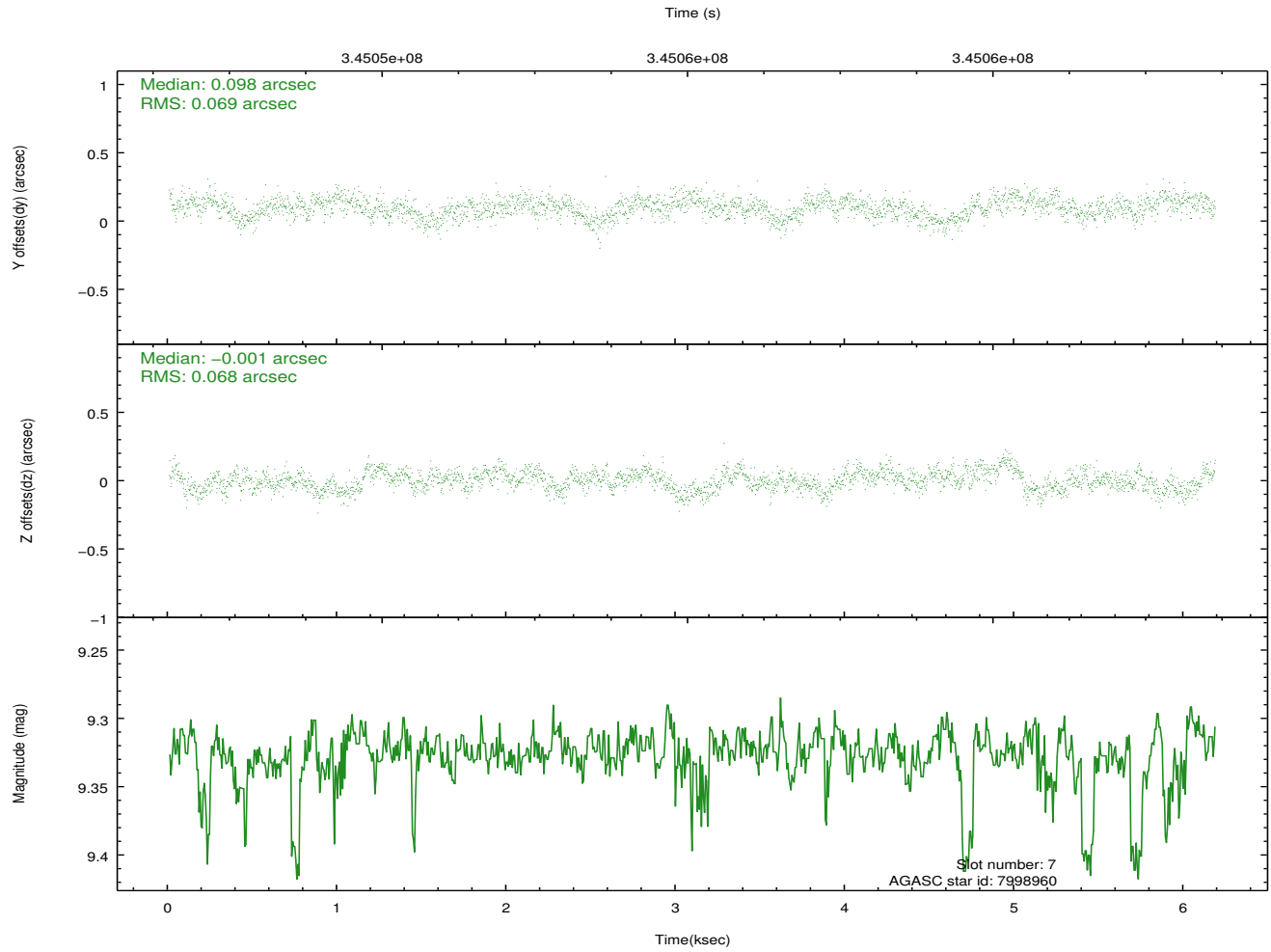
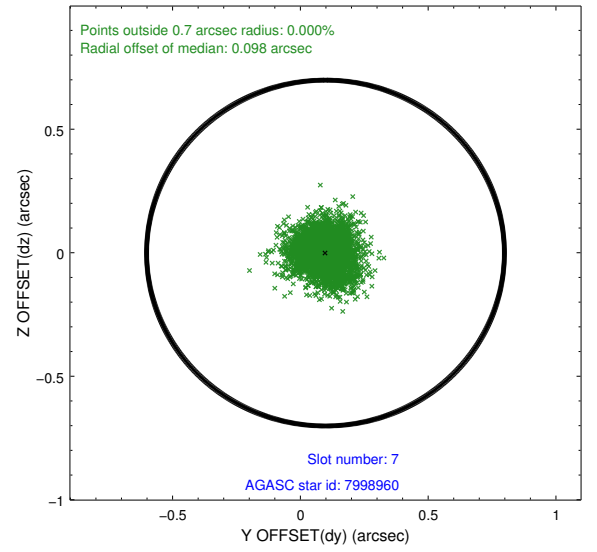
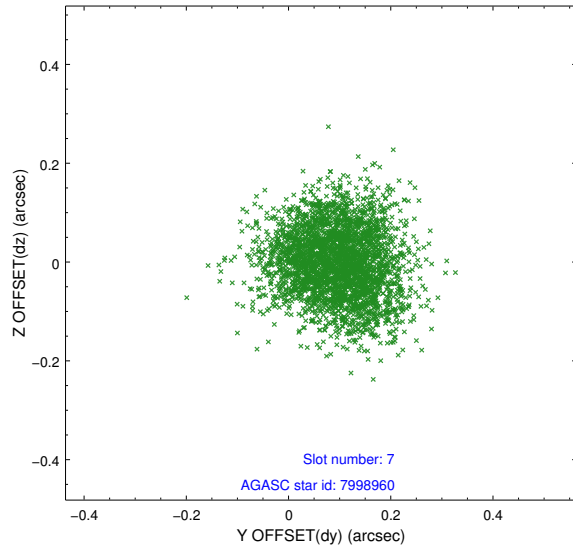


## 2.4.4 Slot 6



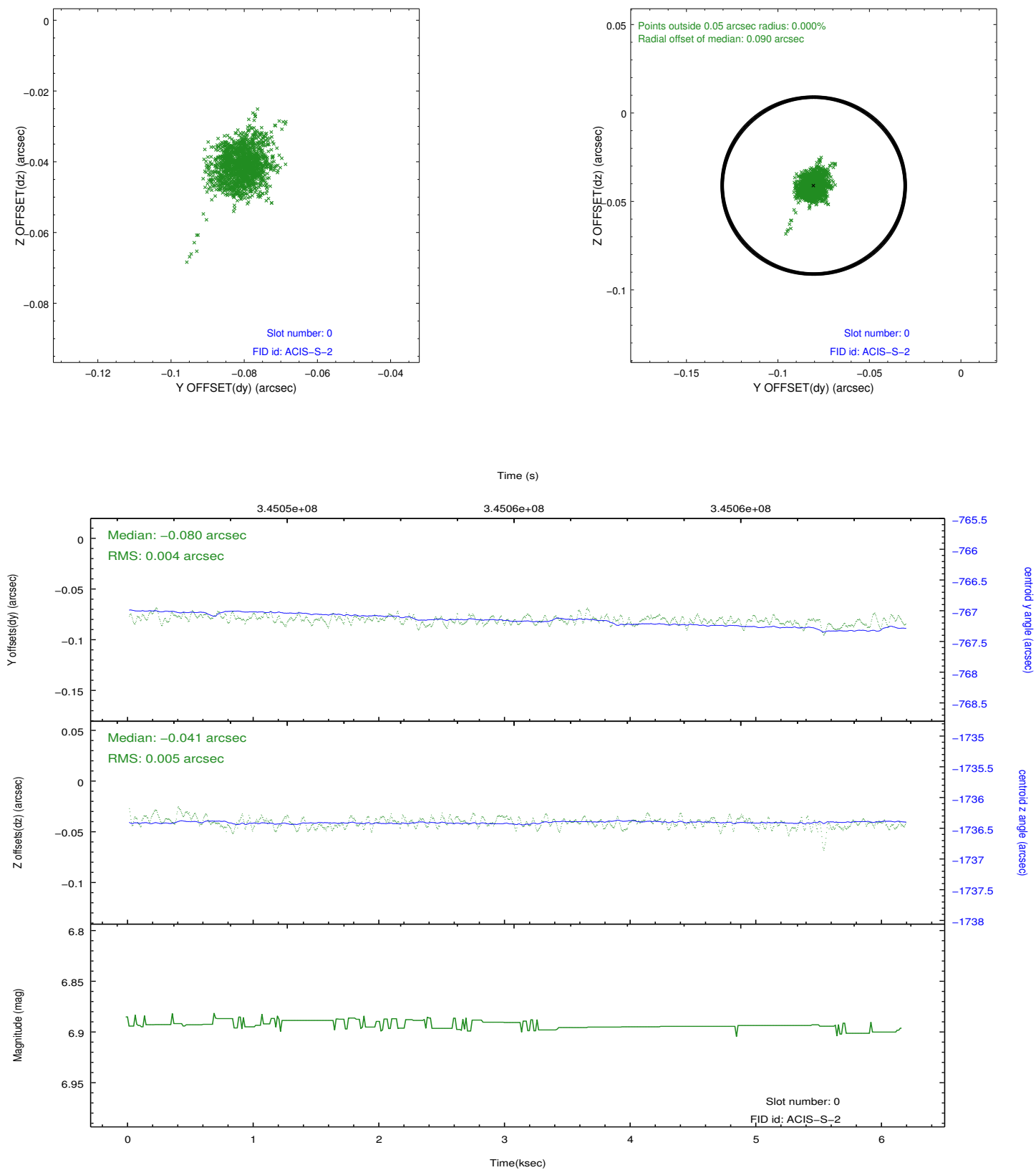


## 2.4.5 Slot 7

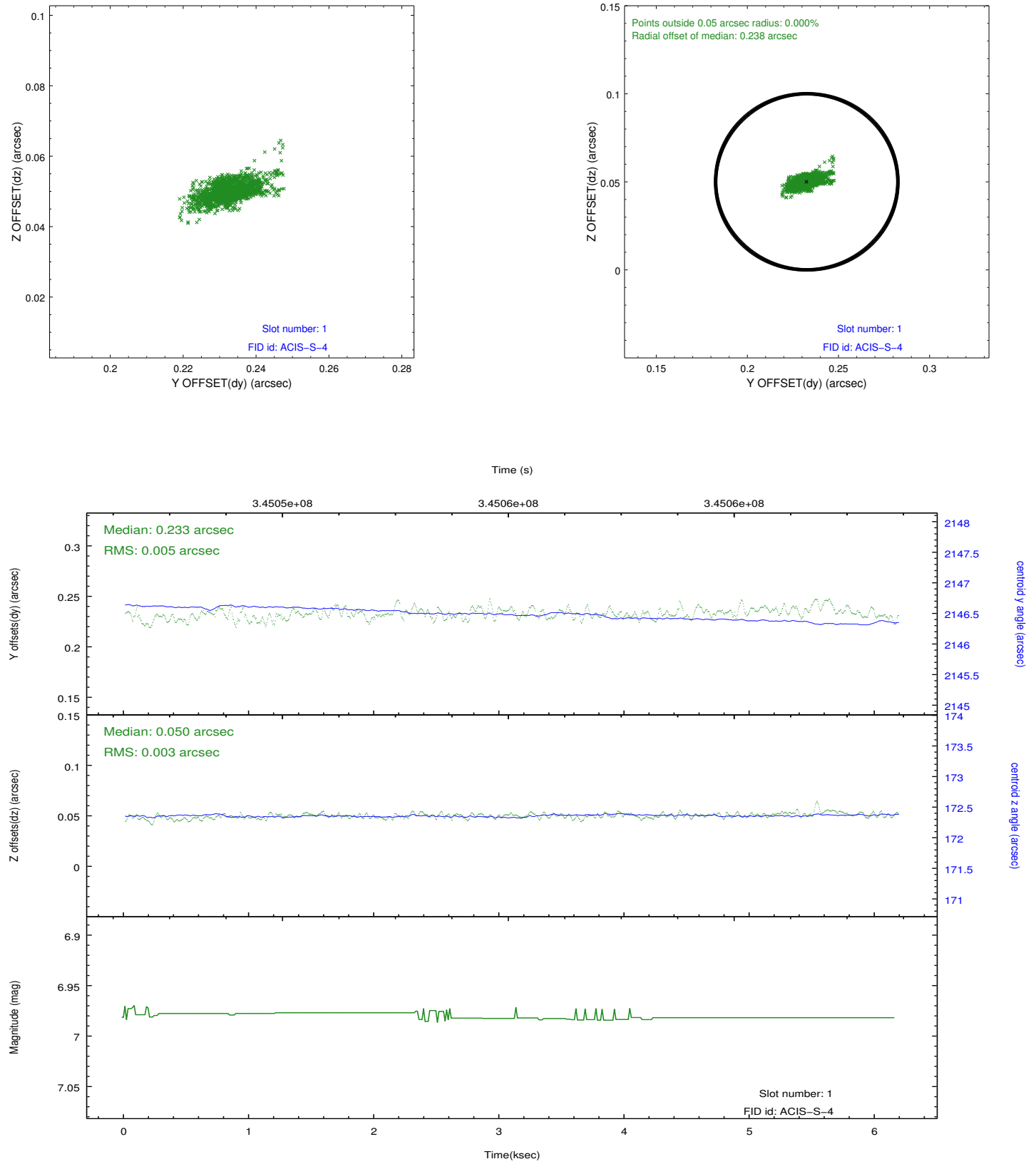


## 2.5 FID Slots

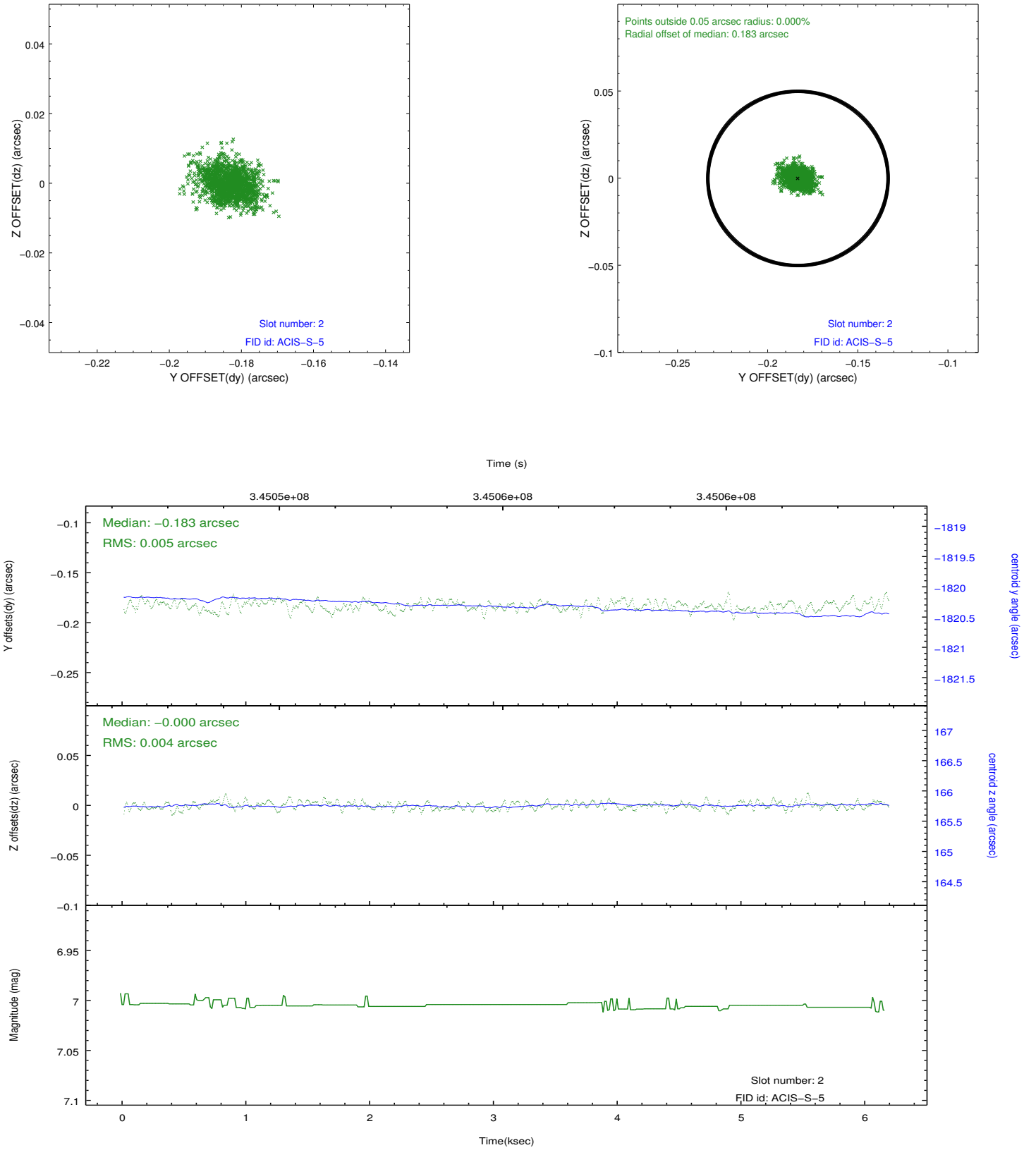
### 2.5.1 Slot 0



## 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)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.17999963

### A.2 Comments

Joint Proposal: HST. Roll preference met.