

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10311 - L2 Version 2
Chandra X-Ray Center

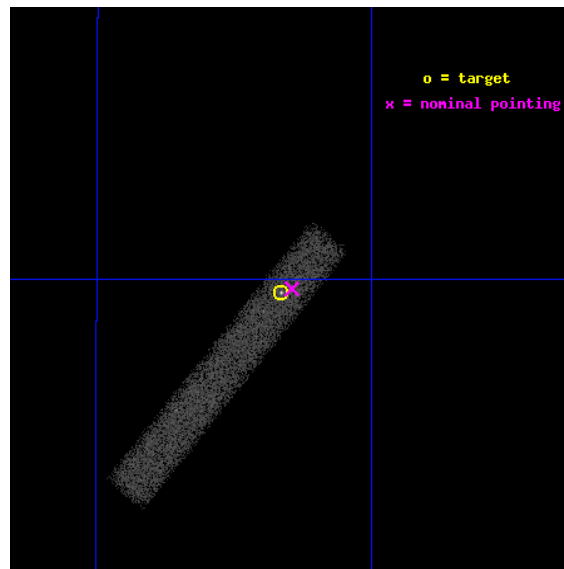
L2 Processing Date : Jun 6 2012

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1 Front

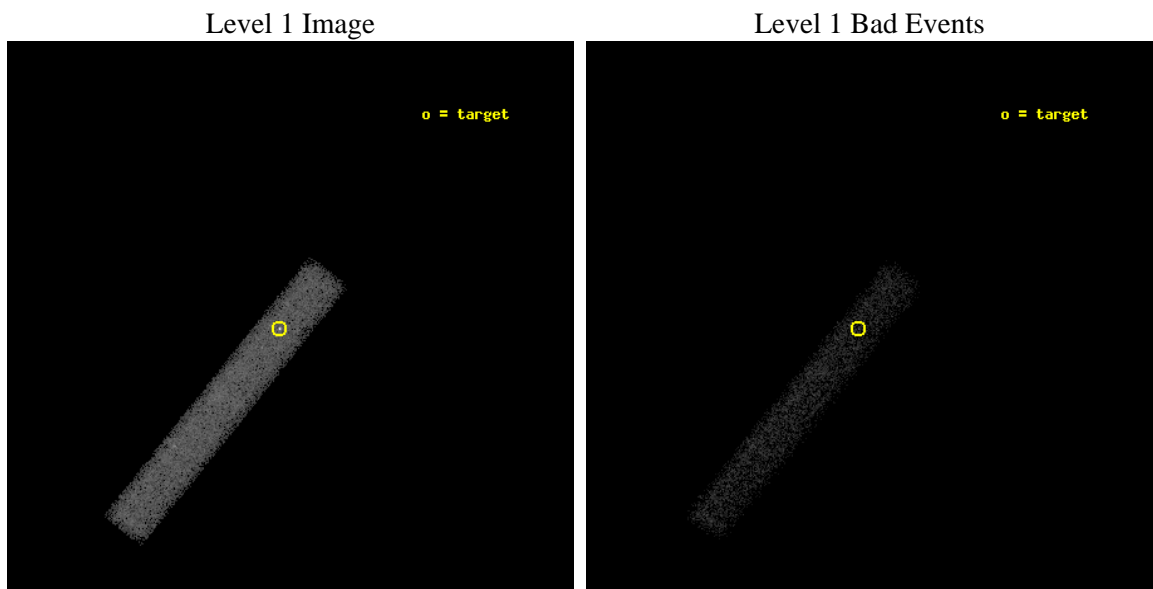
seq_num	701854	Sequence number
obs_id	10311	Observation id
title	Jets at Intermediate Redshifts: Shedding Light on Emission Mechanisms and Physics	Proposal title
observer	Dr. Rita Sambruna	Principal investigator
object	1834+612	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.832083	Observer's specified target RA [deg]
dec_targ	61.327778	Observer's specified target Dec [deg]
ra_nom	278.82249954746	Nominal RA [deg]
dec_nom	61.329420536994	Nominal Dec [deg]
roll_nom	128.73740441827	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19009.947012901	Sum of GTIs [s]
livetime	17241.018513424	Livetime [s]
ontime7	19009.947012901	Sum of GTIs [s]
l2events	19301	Number of level 2 events



2 OBI

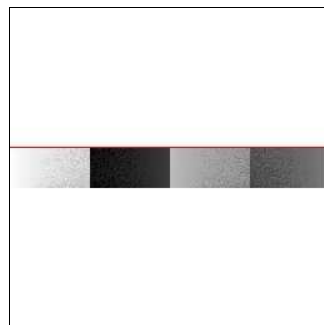
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	19000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	19009.947012901	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	19009.947012901	Sum of GTIs [s]
date	2012-06-06T23:47:38	Date and time of file creation	l1events	39919	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

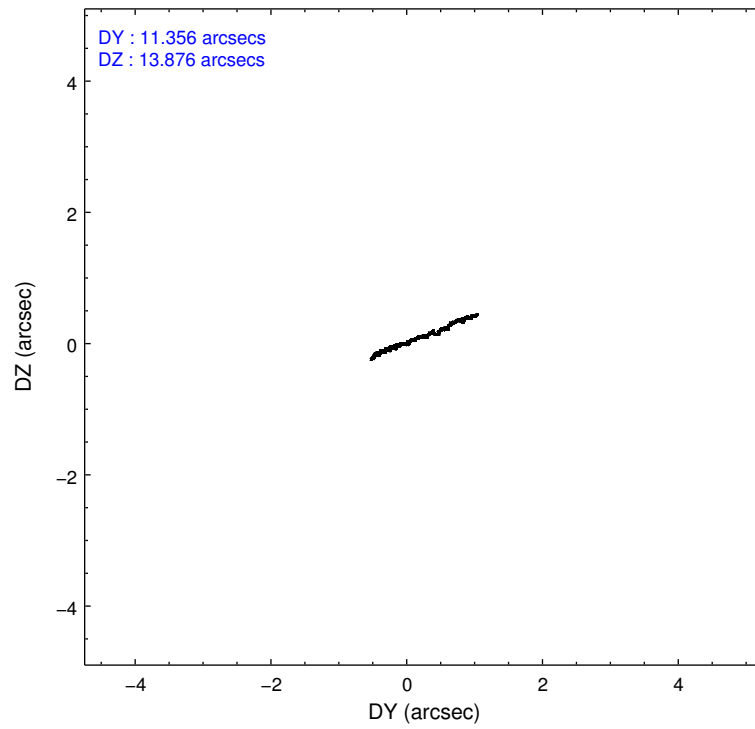
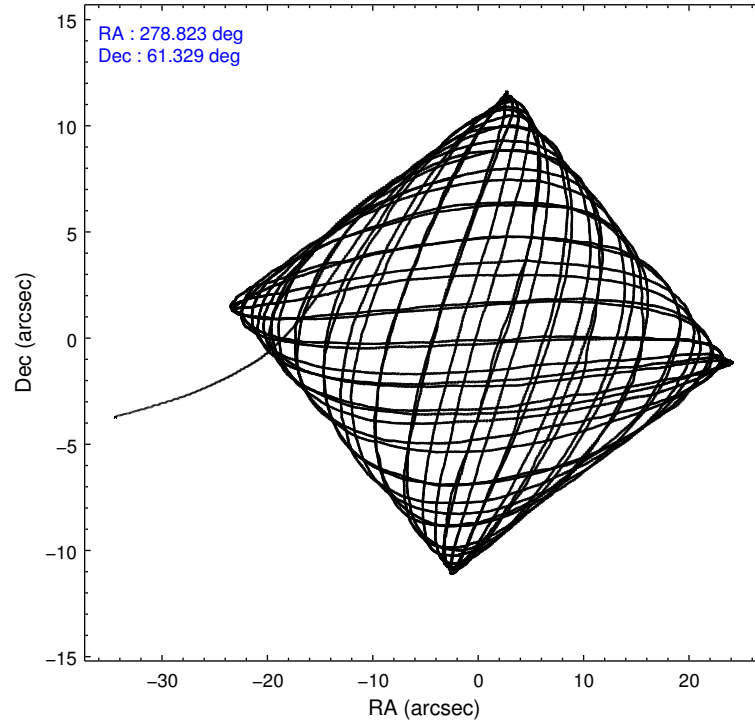
	ccd 7
level 1 events	39919
rejected events	19921
rejected %	49%

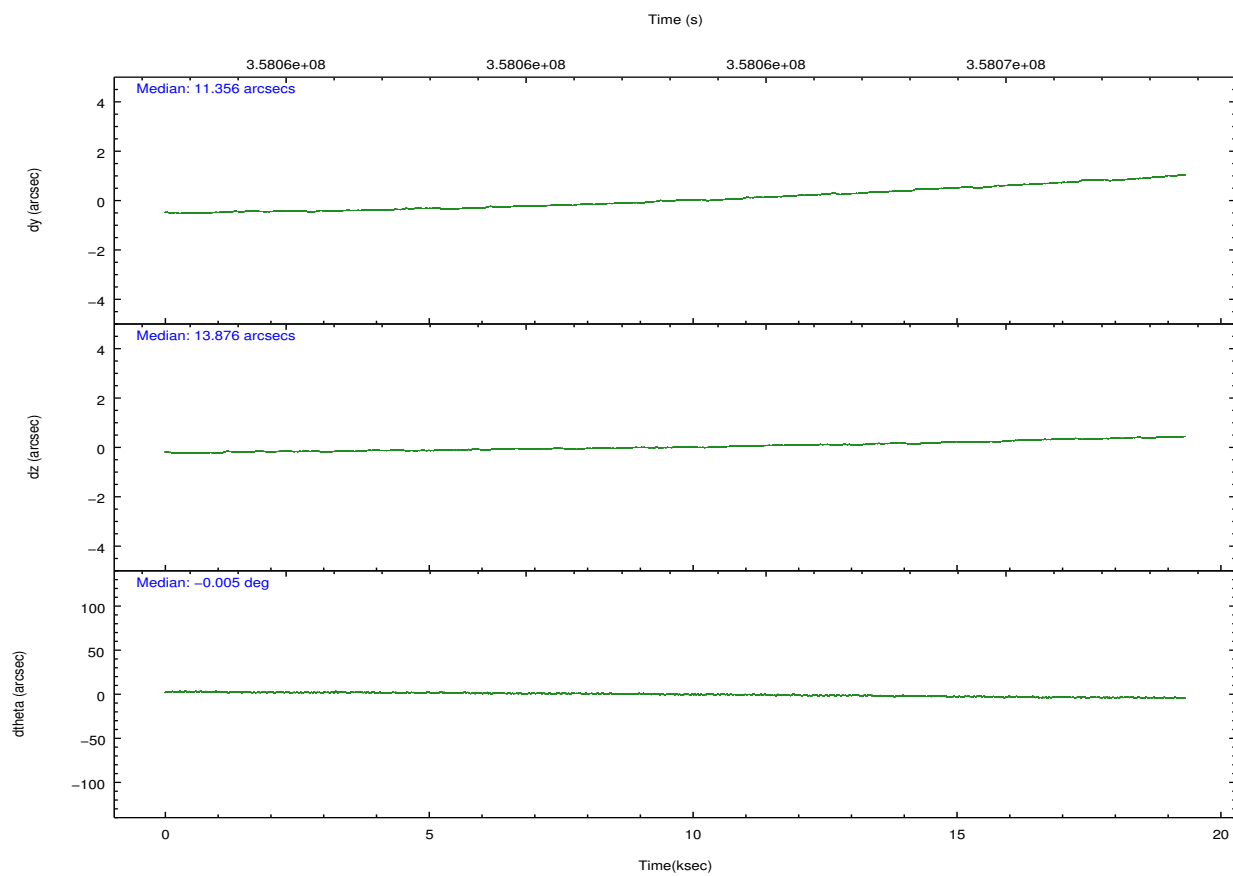
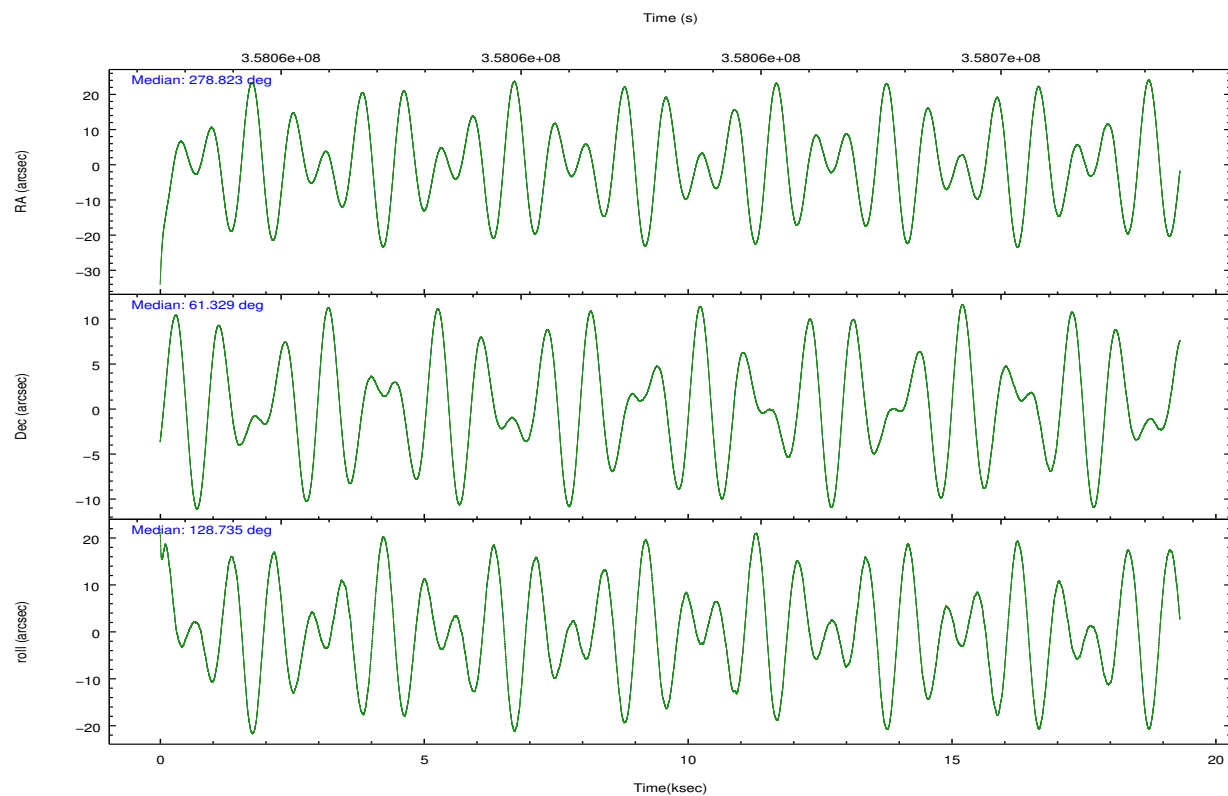
	ccd 7
grade 0 events	2469
	6%
grade 1 events	62
	0%
grade 2 events	4216
	10%
grade 3 events	2459
	6%
grade 4 events	2365
	5%
grade 5 events	3471
	8%
grade 6 events	8489
	21%
grade 7 events	16388
	41%

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	278.875938	278.822499547462	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	61.319822	61.32942053699404	Subarray start row	449	449
[deg] Pointing Roll	128.533905	128.737404418274	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)	358053758.184000	358052029.30118			
Observation start date	2009-05-07T03:21:32	2009-05-07T02:53:49			
[s] Observation end time (MET)	358072758.184000	358073435.91474			
Observation end date	2009-05-07T08:38:12	2009-05-07T08:50:35			
Read mode	TIMED	TIMED			

2.3 Aspect



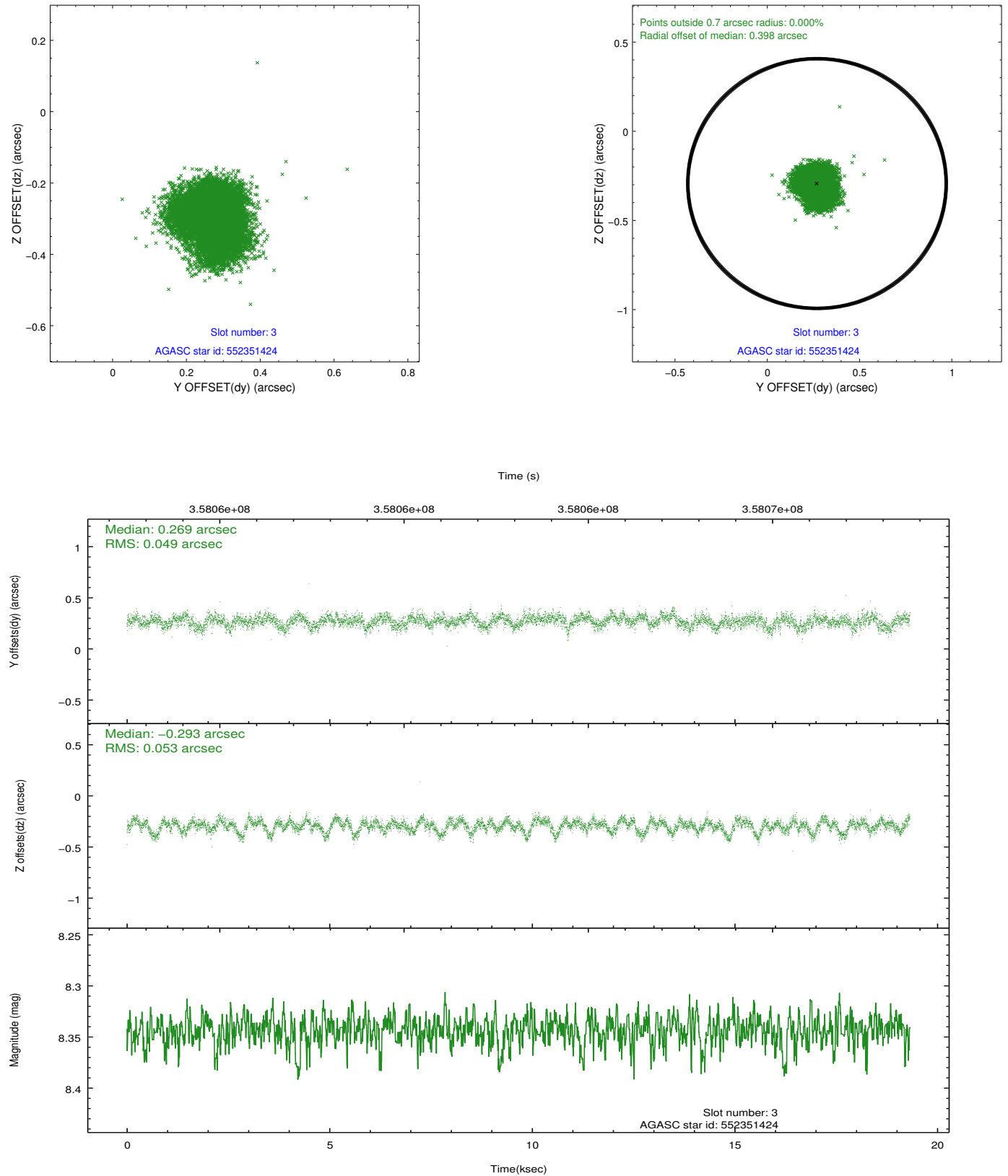


Slot Statistics

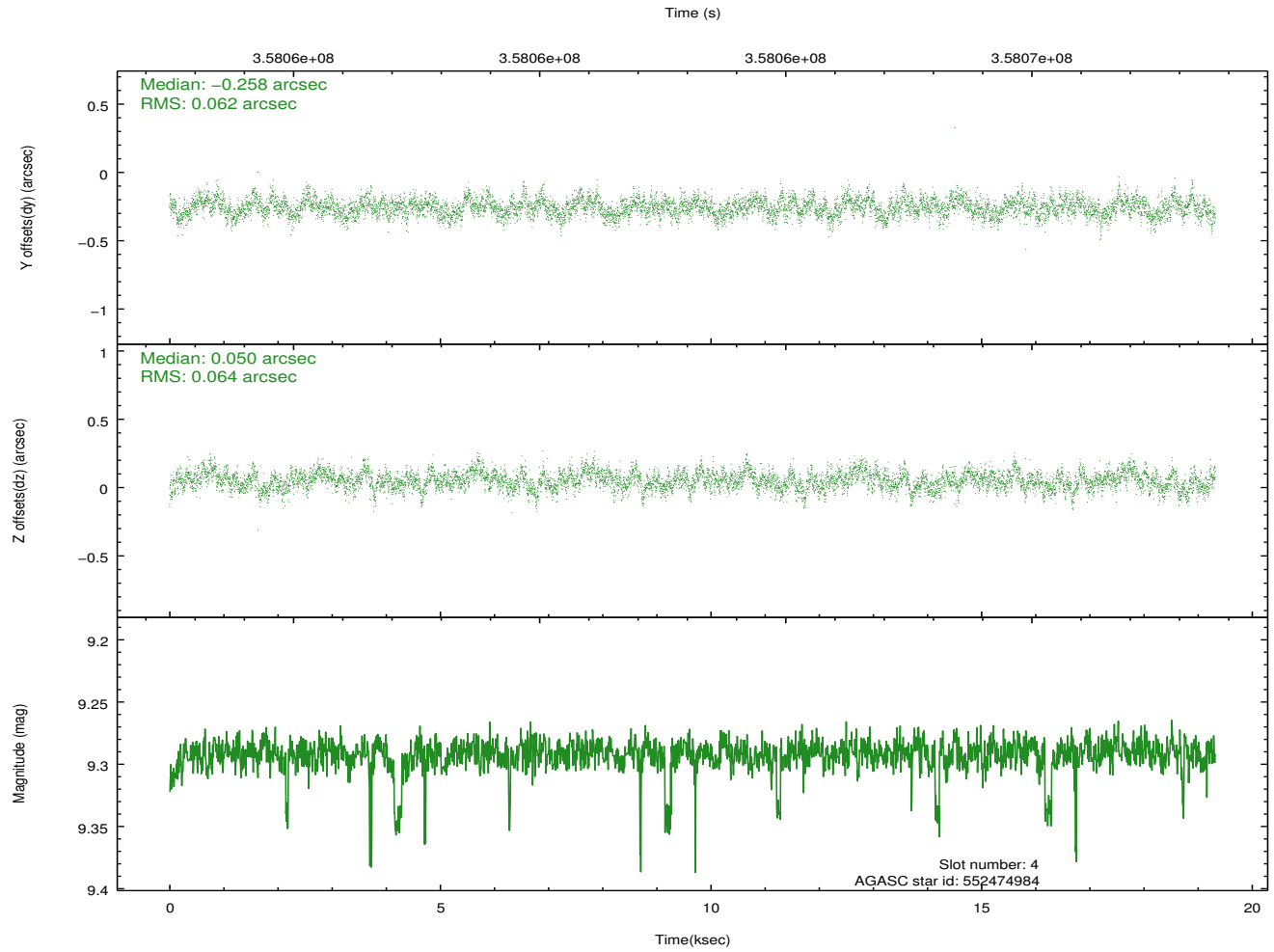
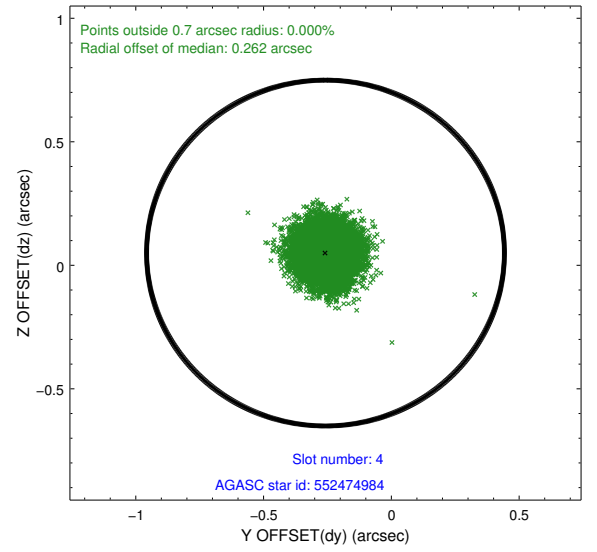
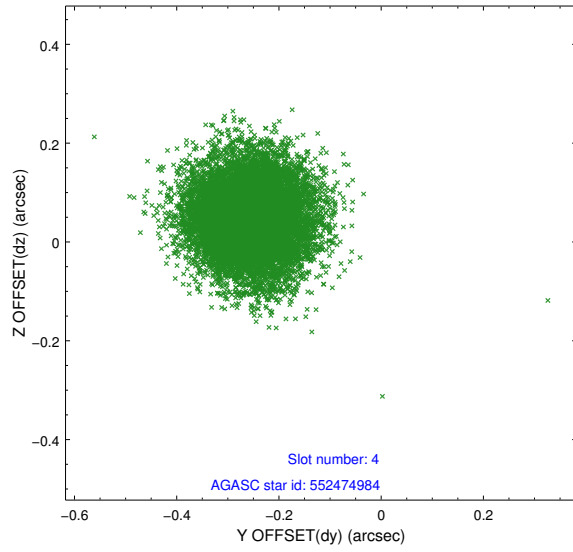
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	4713	0.057	-0.012	0.009	0.016	0.000000	0.000000	931.78	-1730.91
1	FID	ACIS-S-5	6.99	4713	-0.098	0.047	0.008	0.015	0.000000	0.000000	-1817.25	166.50
2	FID	ACIS-S-6	7.09	4713	0.019	-0.024	0.010	0.015	0.000000	0.000000	397.09	810.61
3	GUIDE	552351424	8.34	9425	0.269	-0.293	0.077	0.124	277.949668	61.779091	2284.95	196.30
4	GUIDE	552474984	9.29	9388	-0.258	0.050	0.095	0.152	278.993732	61.016401	-981.20	519.15
5	GUIDE	552480408	9.43	9413	-0.217	0.245	0.118	0.198	279.590517	61.017422	-1622.43	-301.20
6	GUIDE	552483208	9.36	9414	0.173	-0.320	0.098	0.157	278.860826	60.669343	-1814.98	1479.34
7	GUIDE	553002120	8.67	9423	0.030	0.331	0.088	0.145	279.078634	62.152669	2133.91	-2134.60

2.4 Star Slots

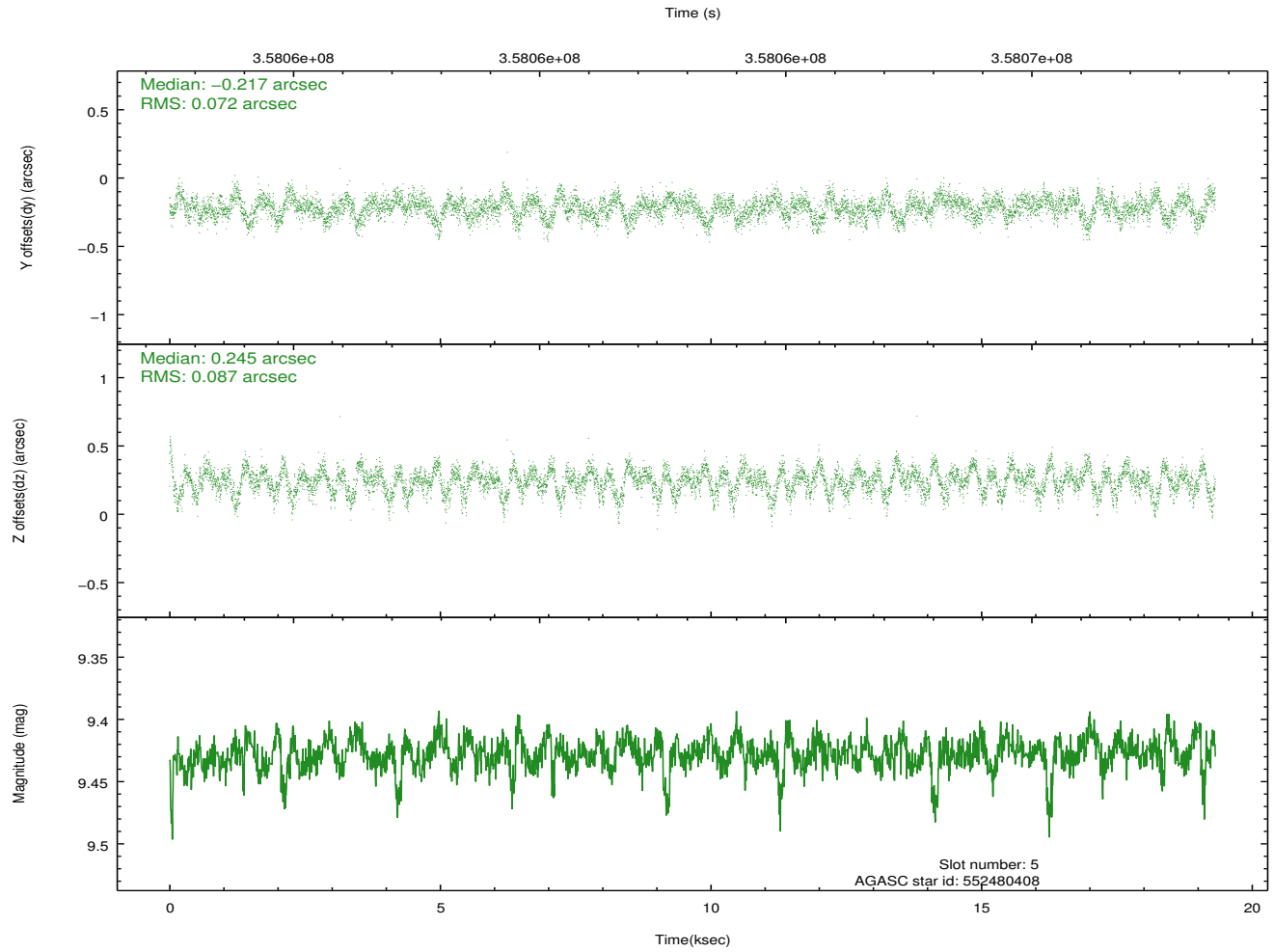
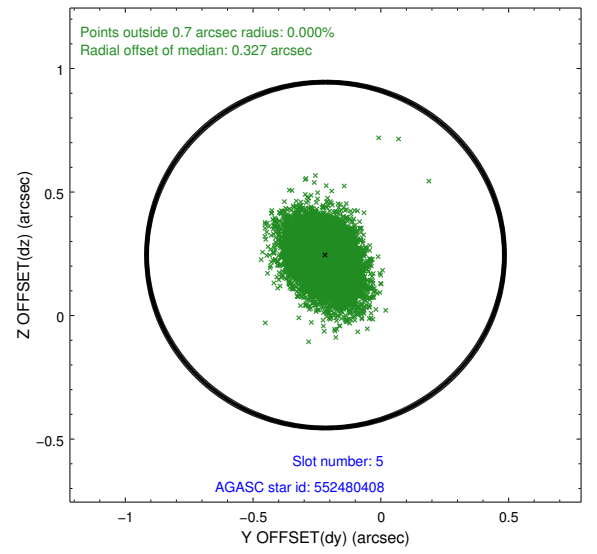
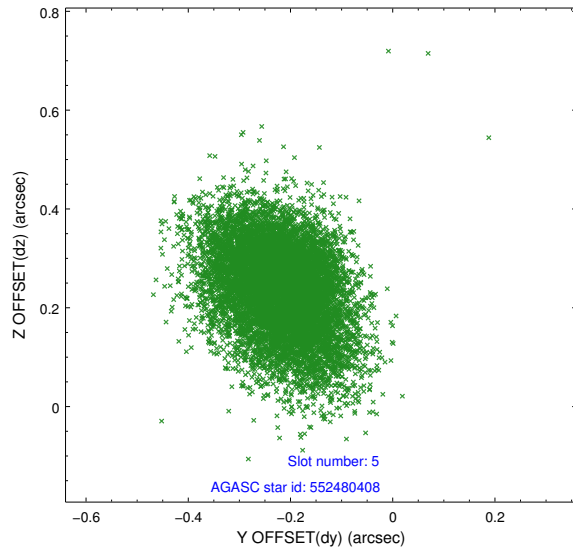
2.4.1 Slot 3



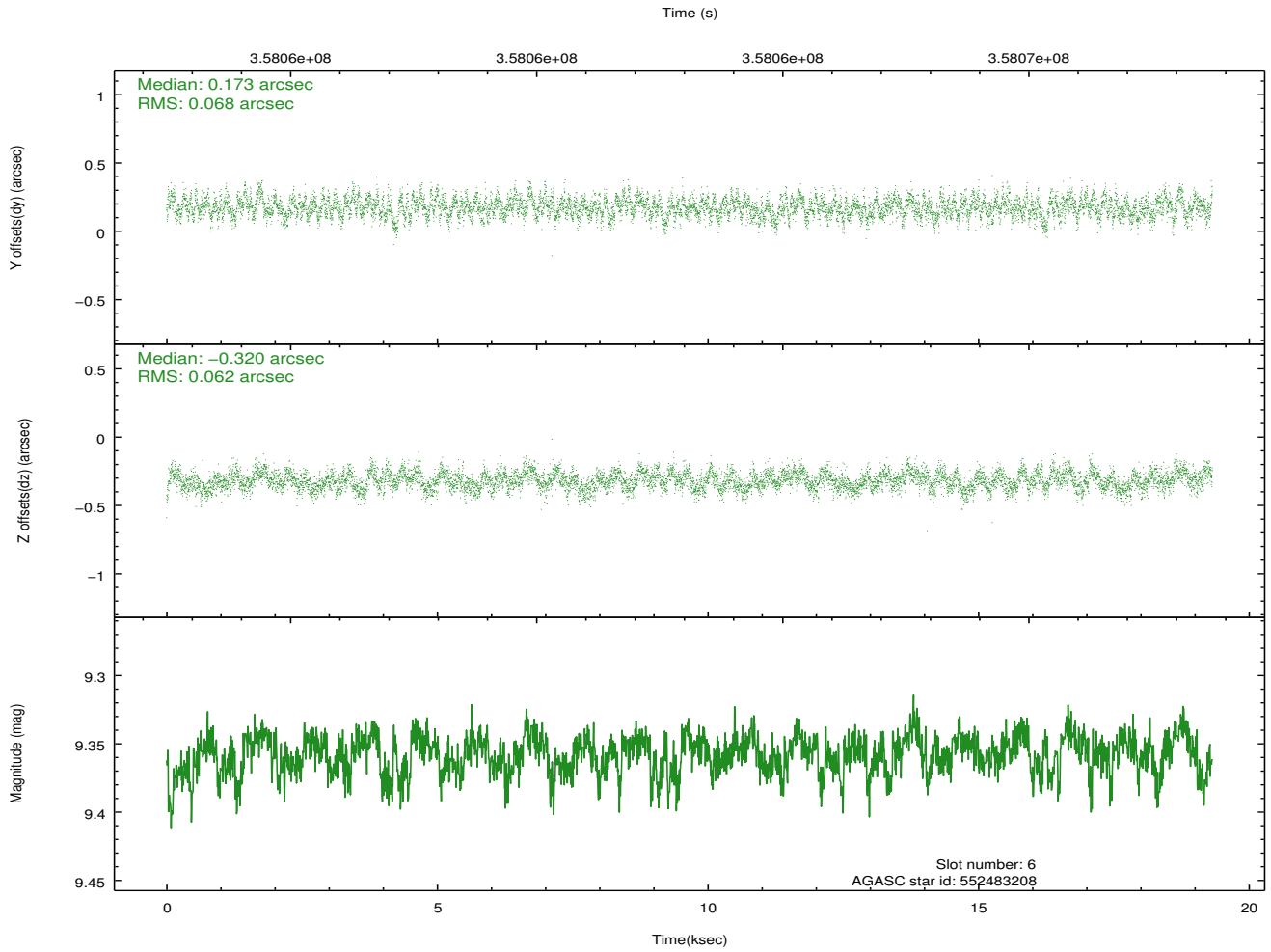
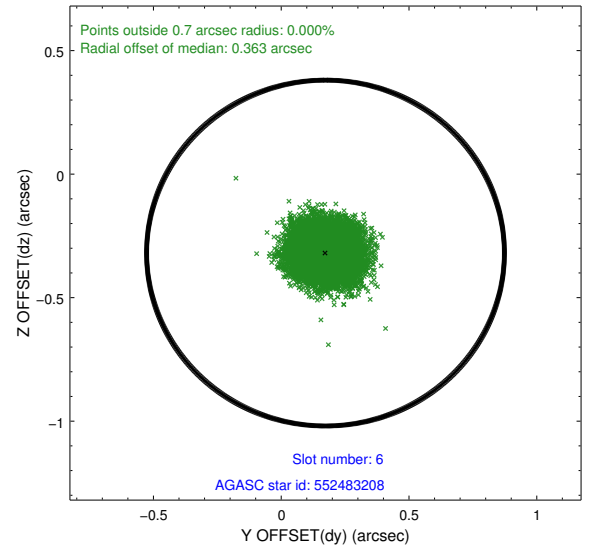
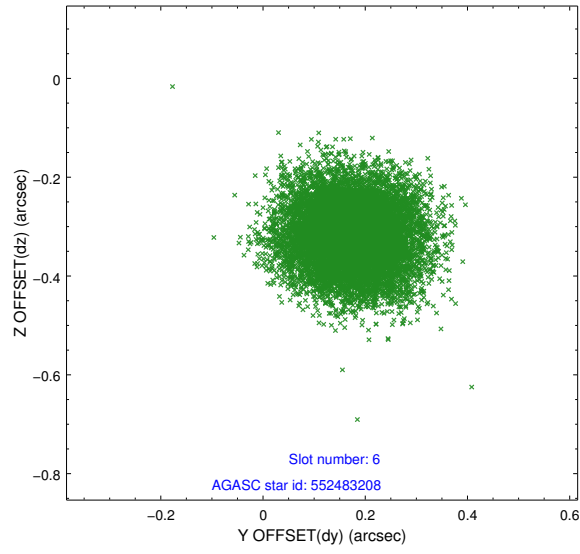
2.4.2 Slot 4



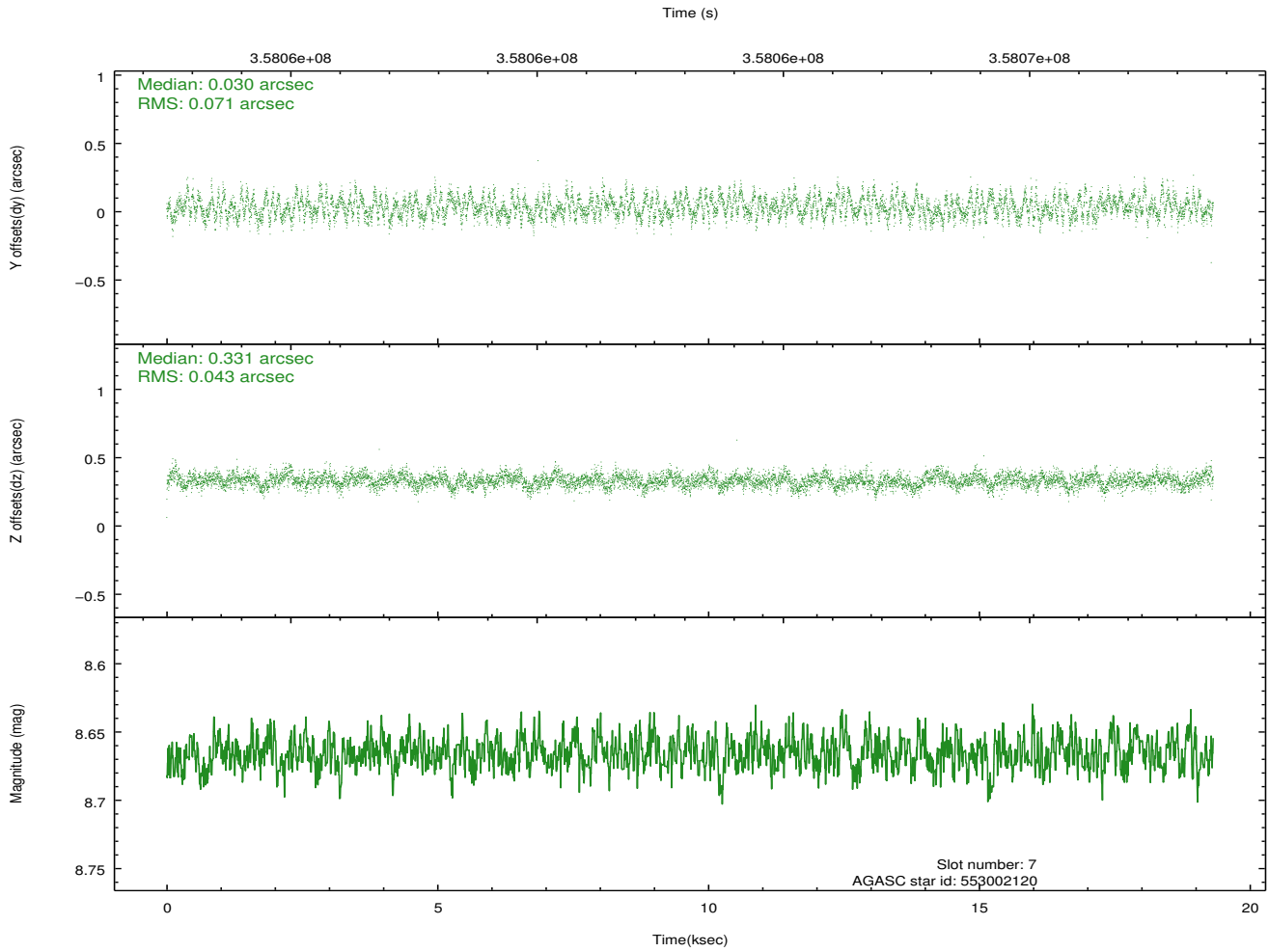
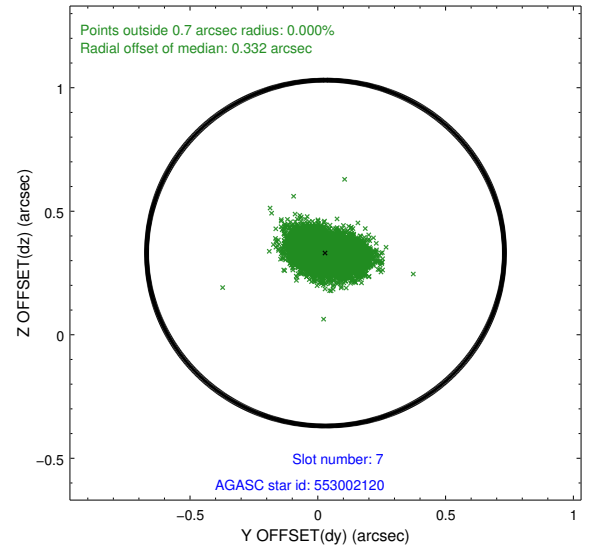
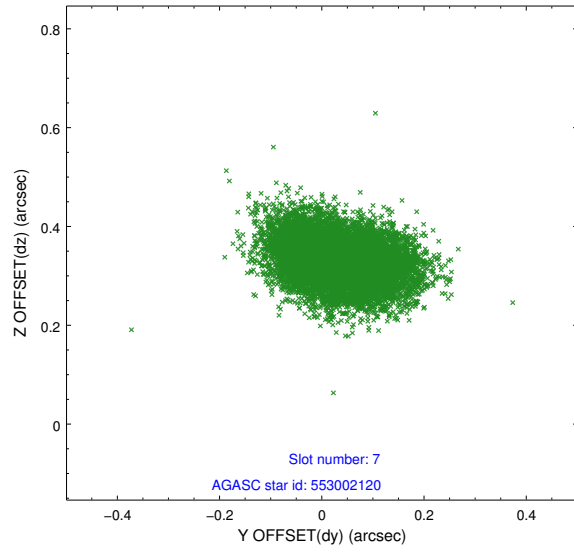
2.4.3 Slot 5



2.4.4 Slot 6

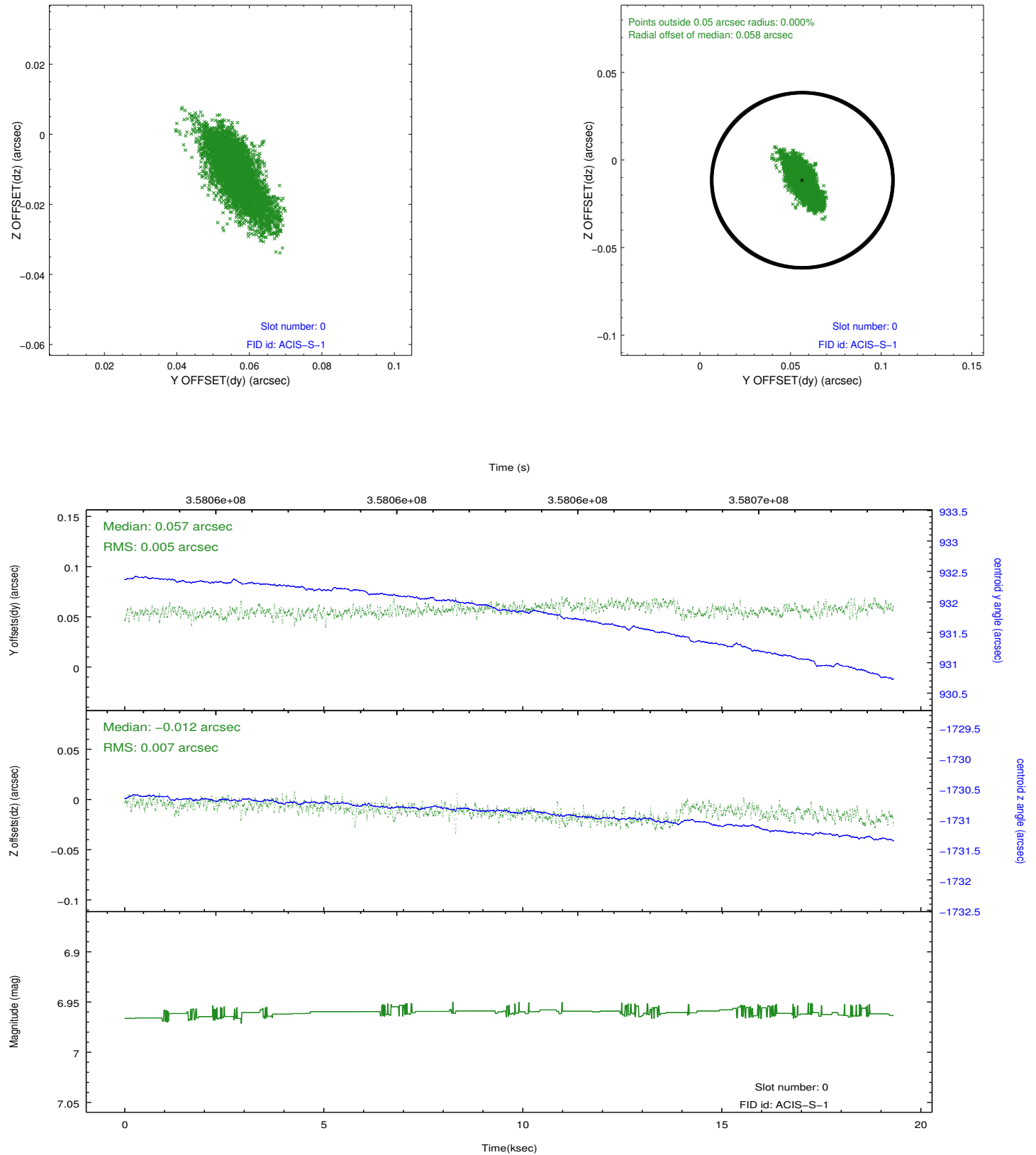


2.4.5 Slot 7

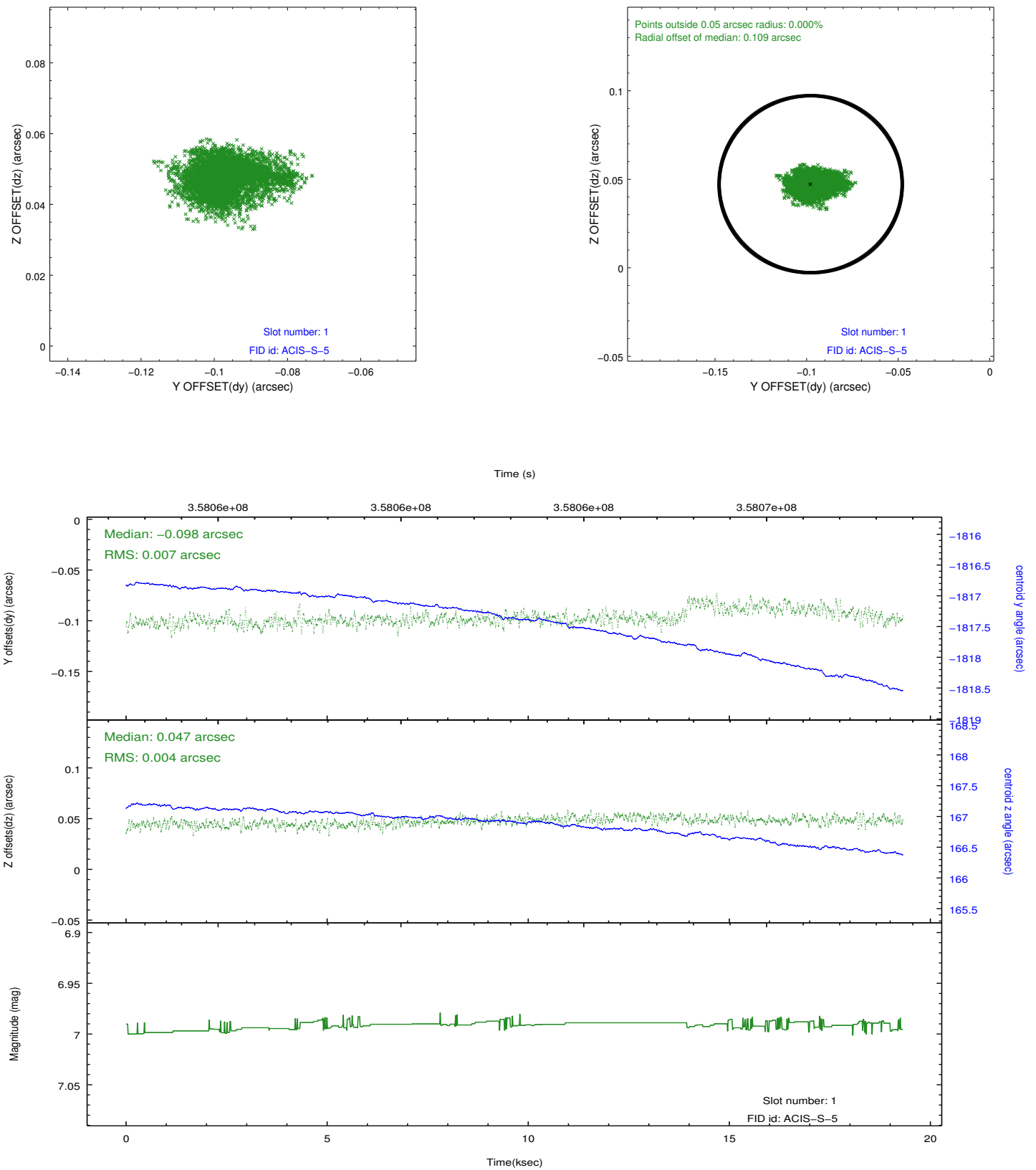


2.5 FID Slots

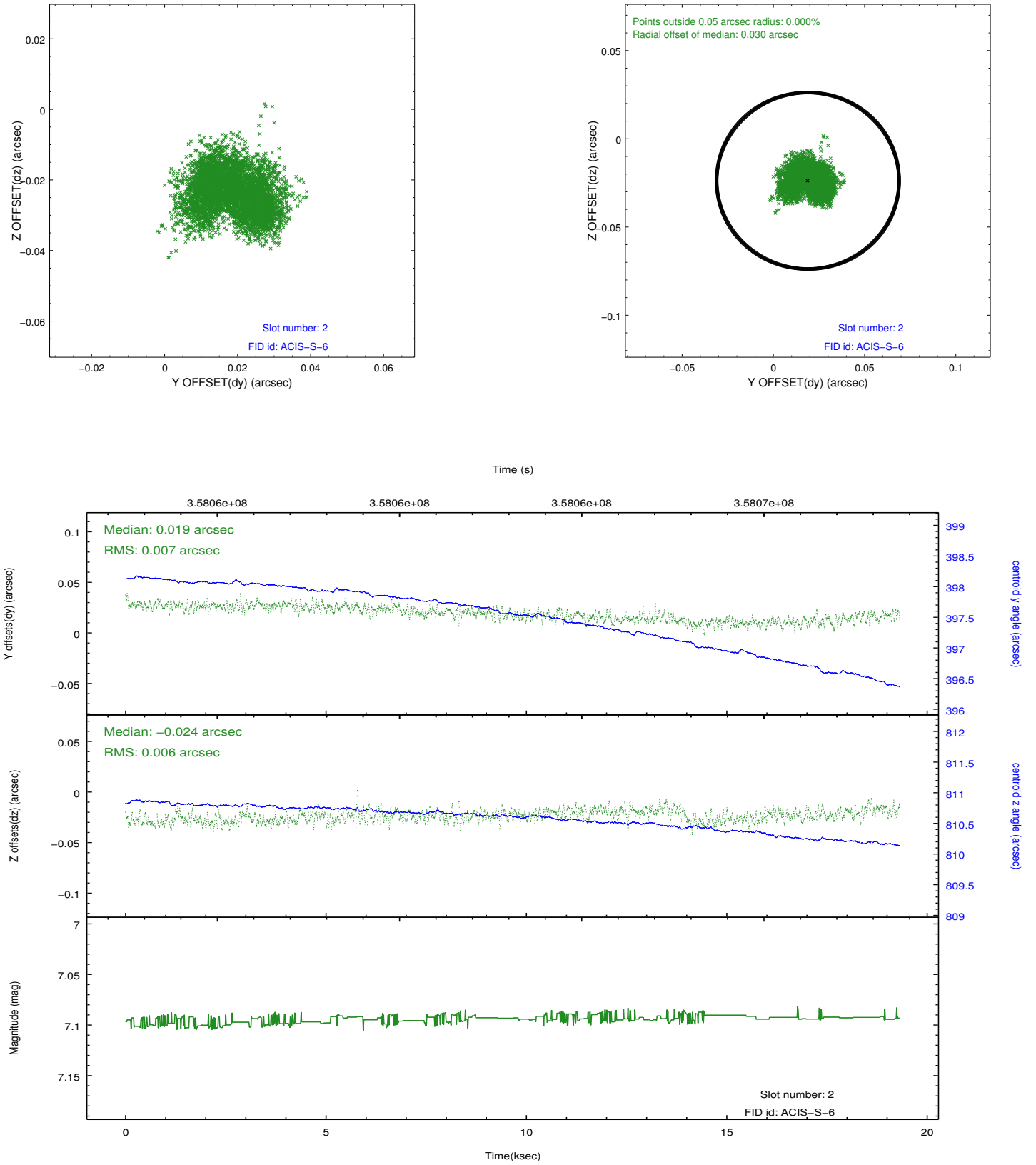
2.5.1 Slot 0



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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.0099988

A.2 Comments

Joint proposal with HST.