

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10372 - L2 Version 2
Chandra X-Ray Center

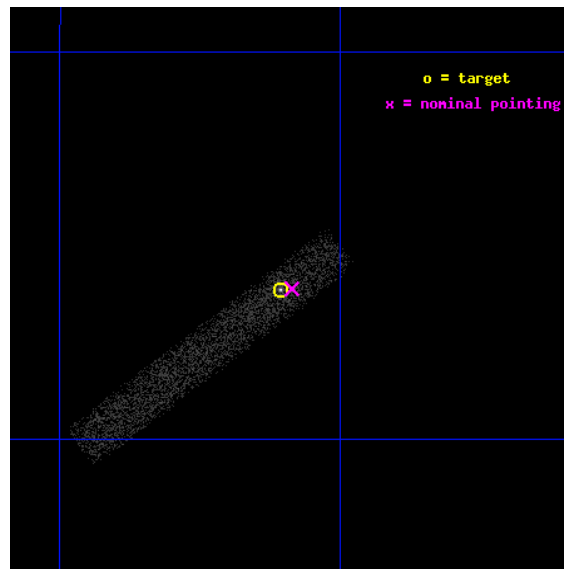
L2 Processing Date : Jun 11 2012

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1 Front

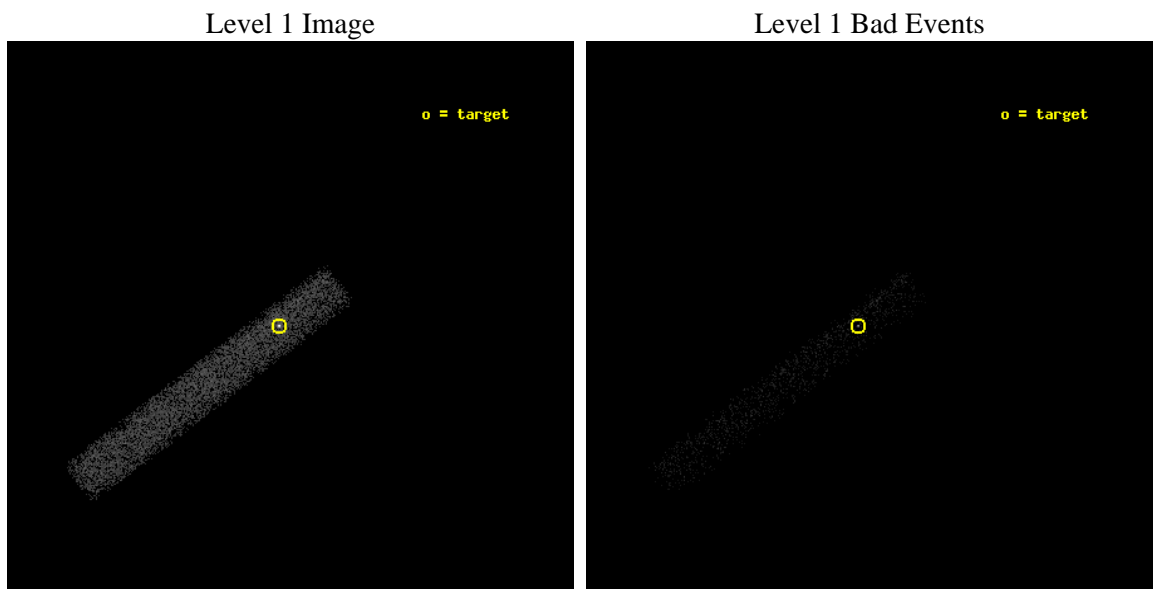
seq_num	701915	Sequence number
obs_id	10372	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	2230+114	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	338.151704	Observer's specified target RA [deg]
dec_targ	11.730807	Observer's specified target Dec [deg]
ra_nom	338.14672841801	Nominal RA [deg]
dec_nom	11.73125418526	Nominal Dec [deg]
roll_nom	142.69126503966	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6009.9996417761	Sum of GTIs [s]
livetime	5450.7524412988	Livetime [s]
ontime7	6009.9996417761	Sum of GTIs [s]
l2events	7885	Number of level 2 events



2 OBI

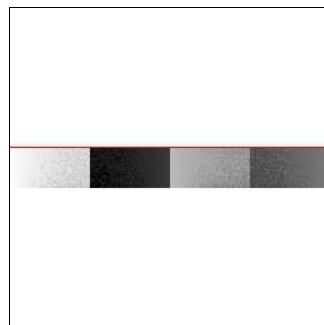
2.1 OBI

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	8.4.5	Processing system revision	ontime	6009.9996417761	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	6009.9996417761	Sum of GTIs [s]
date	2012-06-11T14:16:55	Date and time of file creation	l1events	14385	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

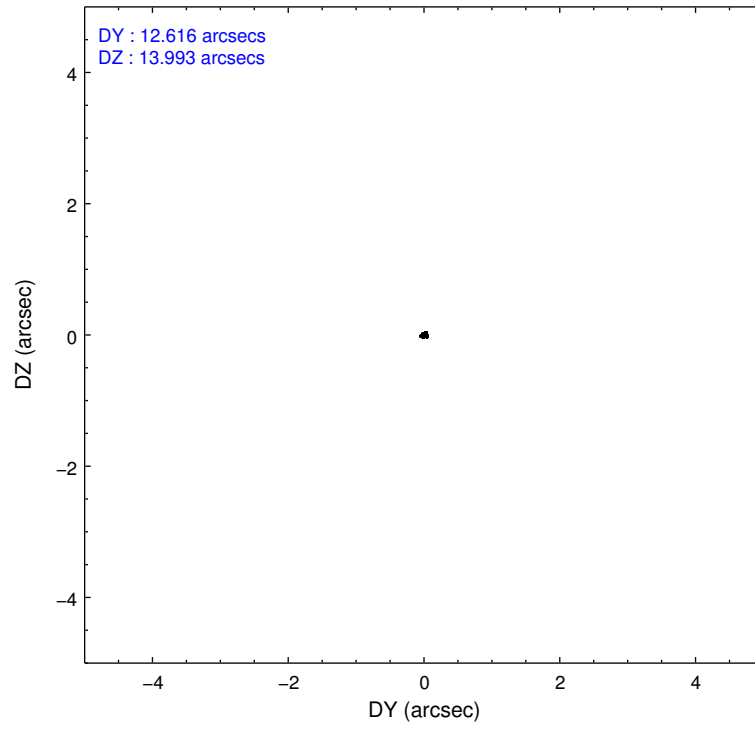
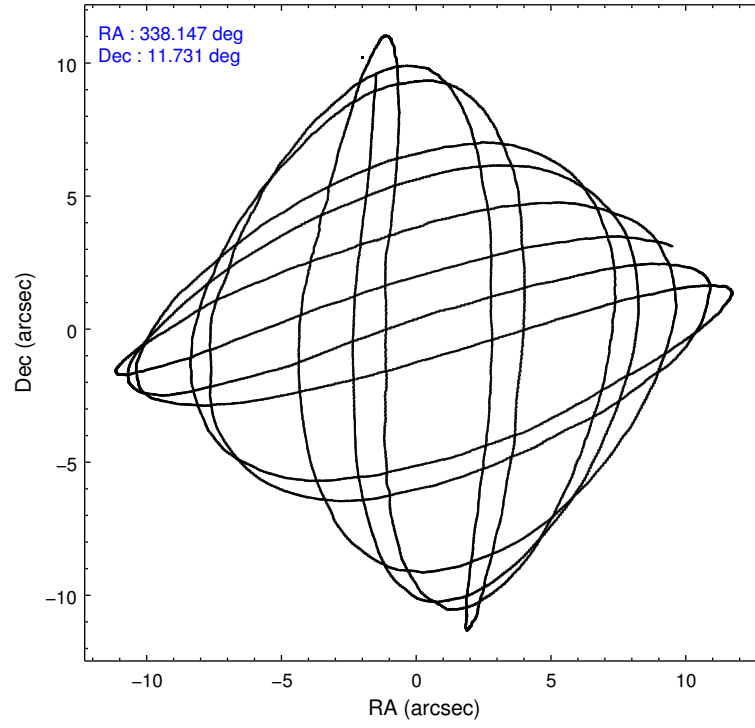
	ccd 7
level 1 events	14385
rejected events	6291
rejected %	43%

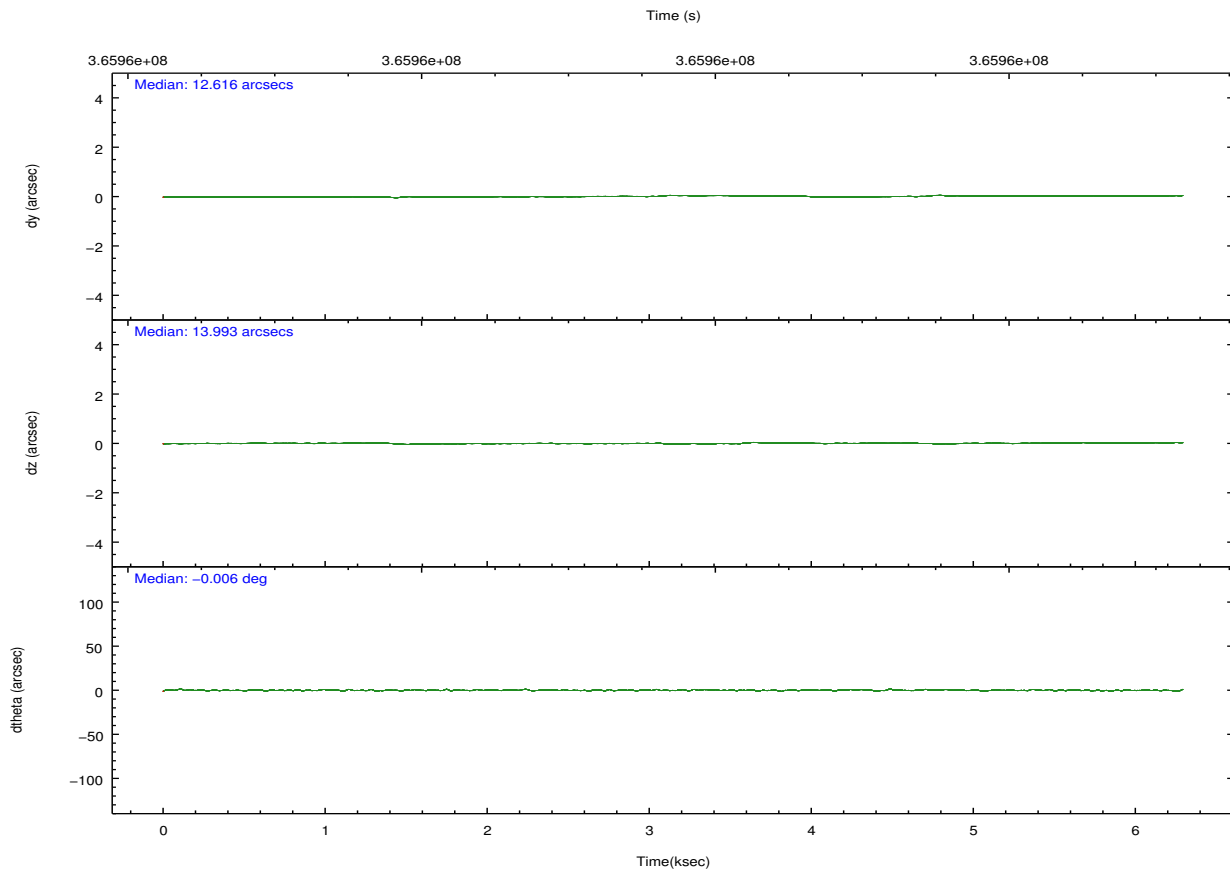
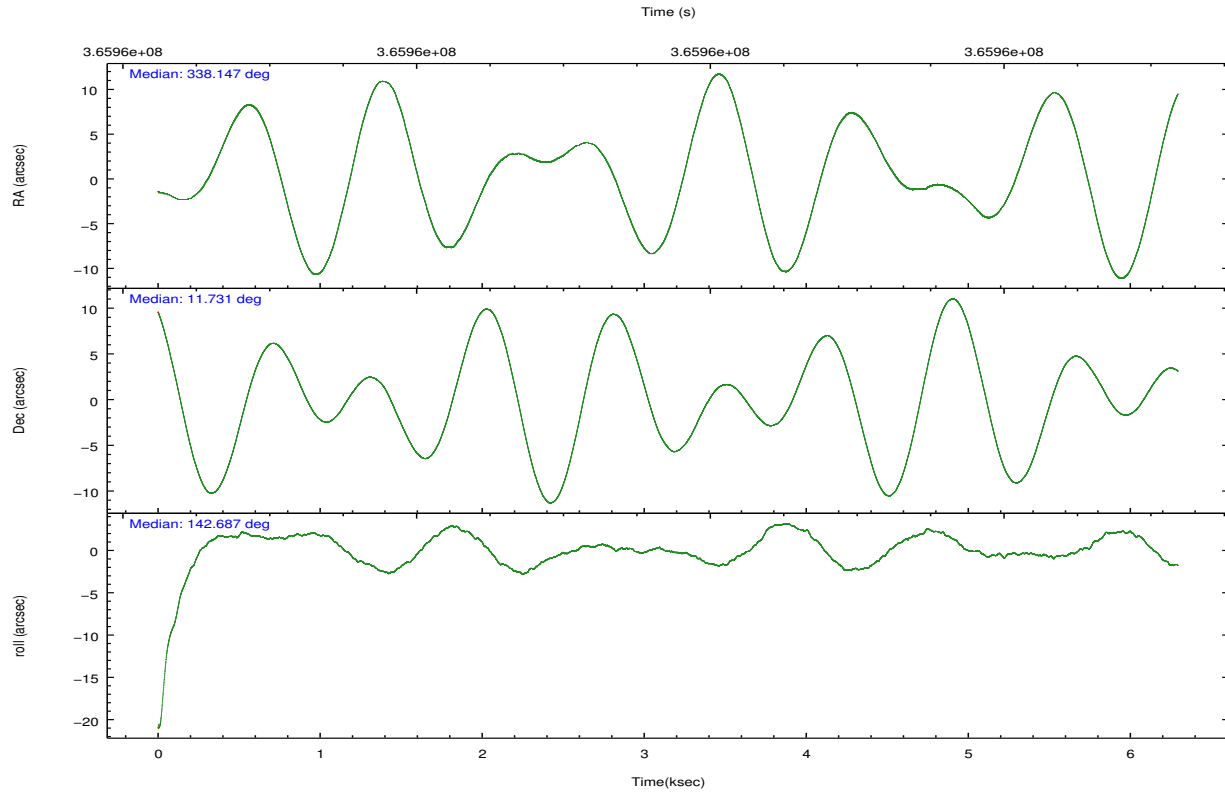
	ccd 7
grade 0 events	1241
	8%
grade 1 events	16
	0%
grade 2 events	1769
	12%
grade 3 events	1013
	7%
grade 4 events	977
	6%
grade 5 events	1151
	8%
grade 6 events	3097
	21%
grade 7 events	5121
	35%

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	338.174516	338.1467284180129	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	11.728170	11.73125418525993	Subarray start row	449	449
[deg] Pointing Roll	142.529001	142.6912650396616	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)	365958854.184000	365958265.20855			
Observation start date	2009-08-06T15:13:08	2009-08-06T15:04:25			
[s] Observation end time (MET)	365964854.184000	365965279.2839			
Observation end date	2009-08-06T16:53:08	2009-08-06T17:01:19			
Read mode	TIMED	TIMED			

2.3 Aspect



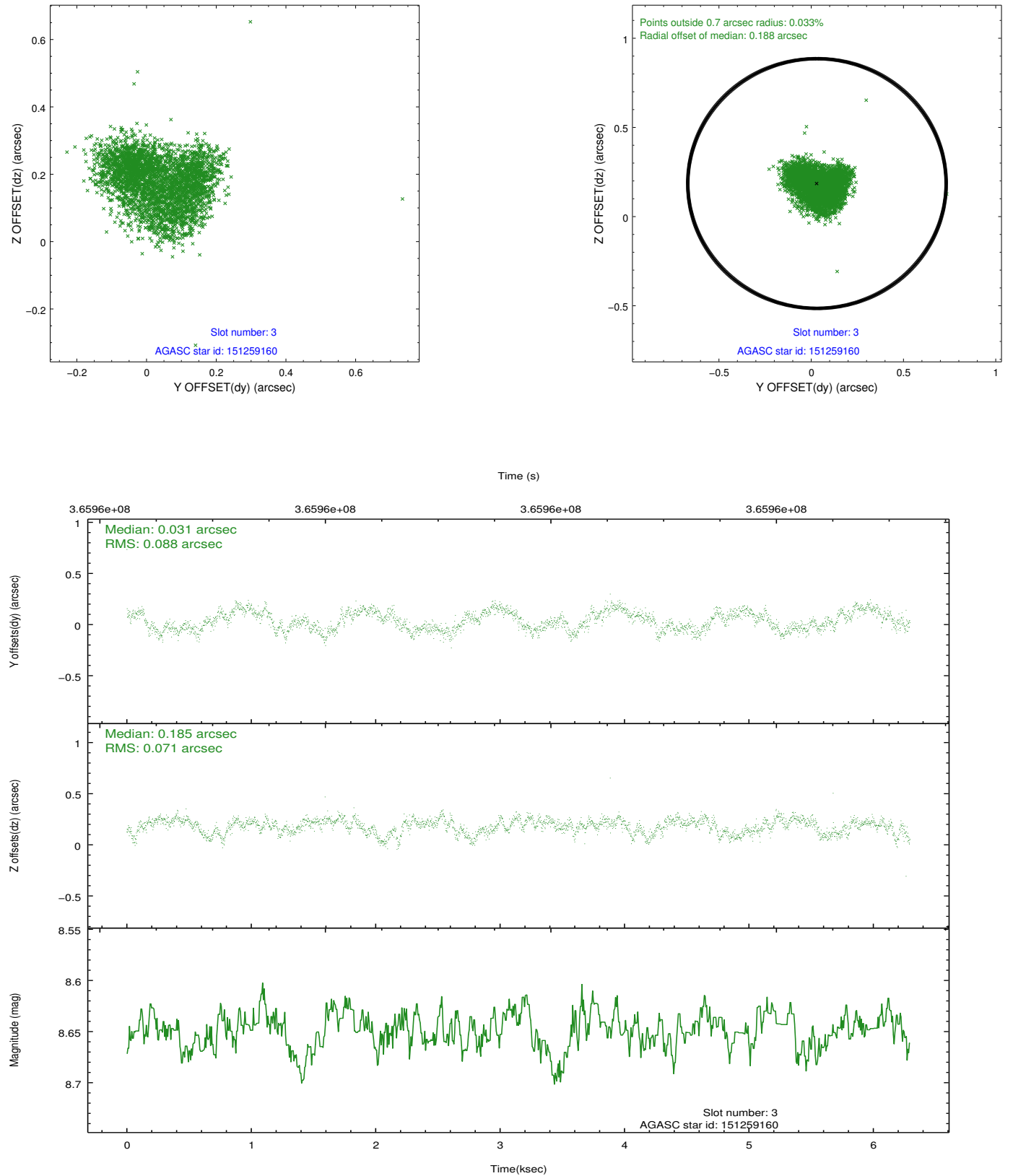


Slot Statistics

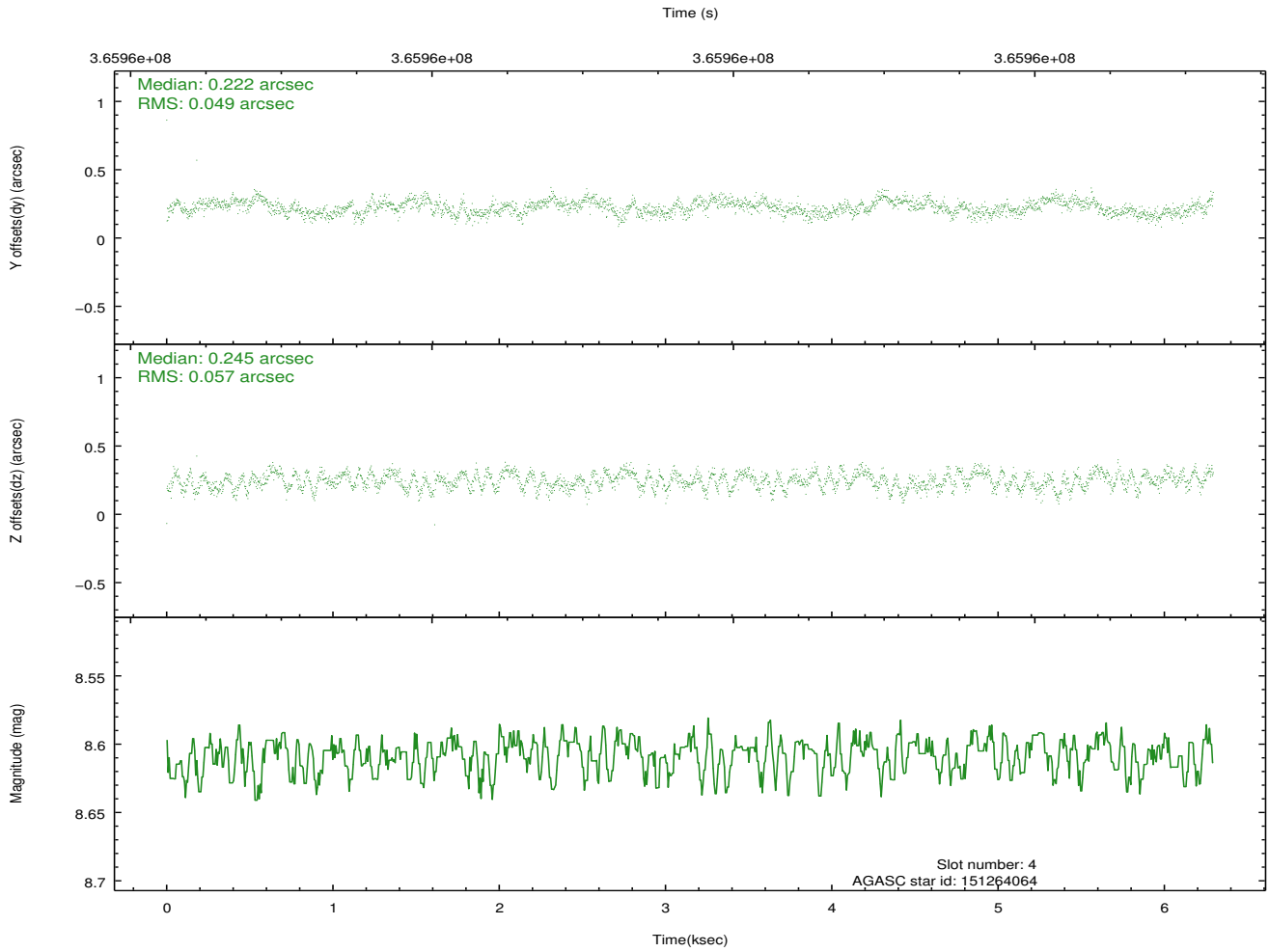
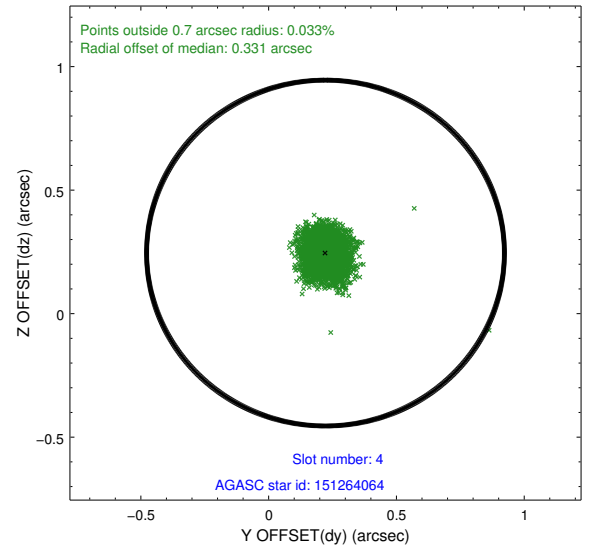
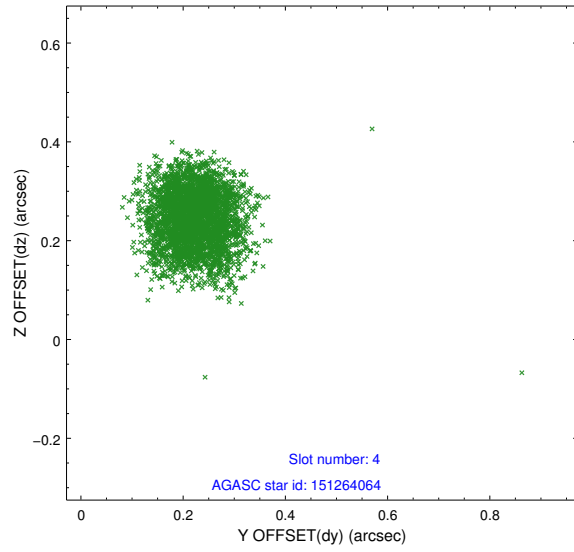
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.11	1536	0.093	-0.046	0.006	0.011	0.000000	0.000000	930.62	-1731.01
1	FID	ACIS-S-5	7.15	1536	-0.151	0.065	0.006	0.011	0.000000	0.000000	-1818.12	165.66
2	FID	ACIS-S-6	7.24	1536	0.036	-0.007	0.007	0.011	0.000000	0.000000	395.08	810.63
3	GUIDE	151259160	8.65	3070	0.031	0.185	0.123	0.179	338.081675	12.240281	1380.46	-1264.41
4	GUIDE	151264064	8.61	3067	0.222	0.245	0.080	0.124	338.773619	11.881405	-1336.52	-1719.44
5	GUIDE	151265400	7.68	3071	-0.248	-0.170	0.049	0.079	337.653646	12.035966	2130.12	234.34
6	GUIDE	151266552	9.14	3070	0.031	-0.128	0.099	0.154	337.423493	11.563016	1743.46	2080.91
7	GUIDE	151267560	9.22	3065	-0.041	-0.125	0.073	0.121	338.510463	11.307458	-1861.56	480.45

2.4 Star Slots

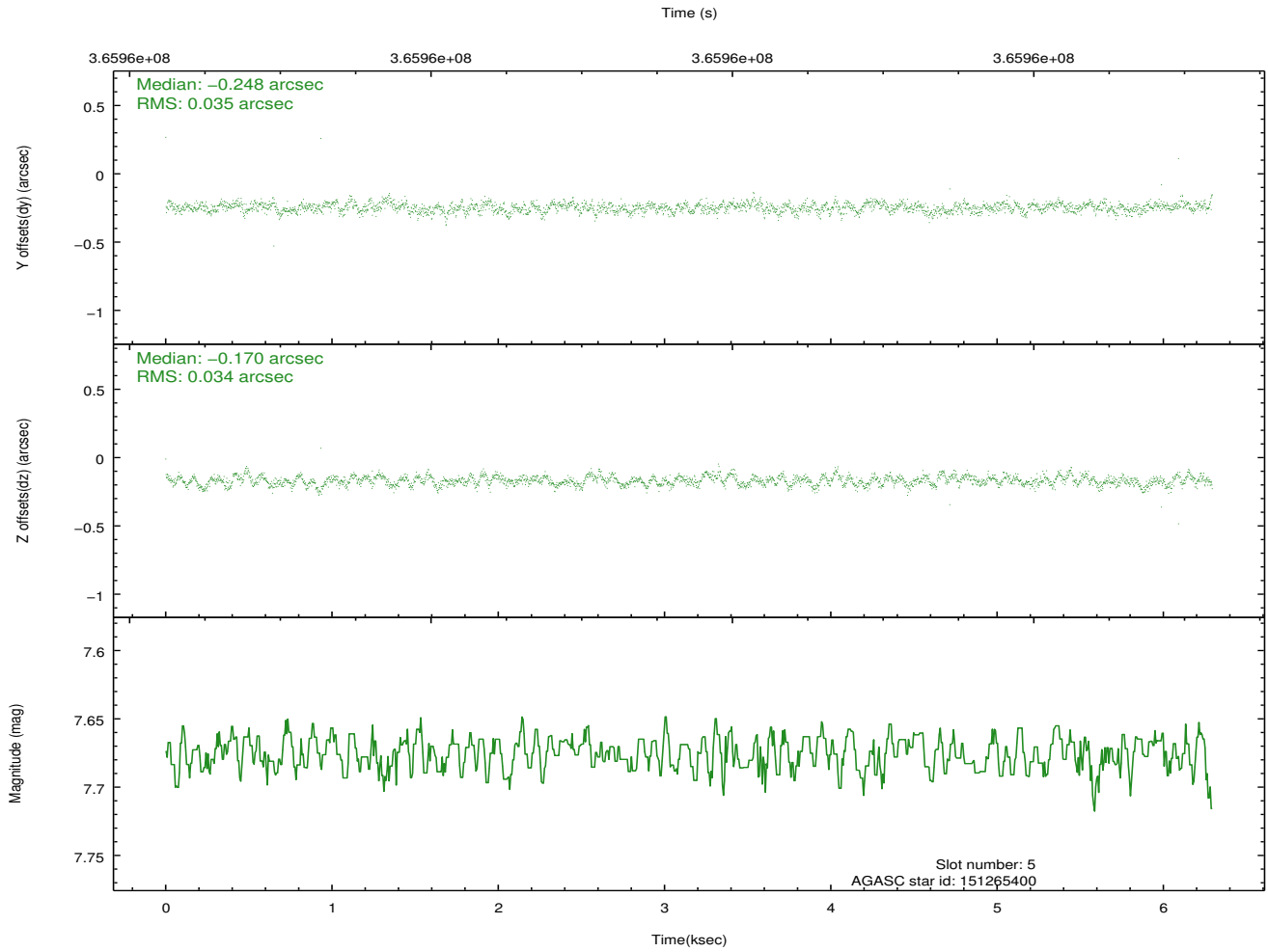
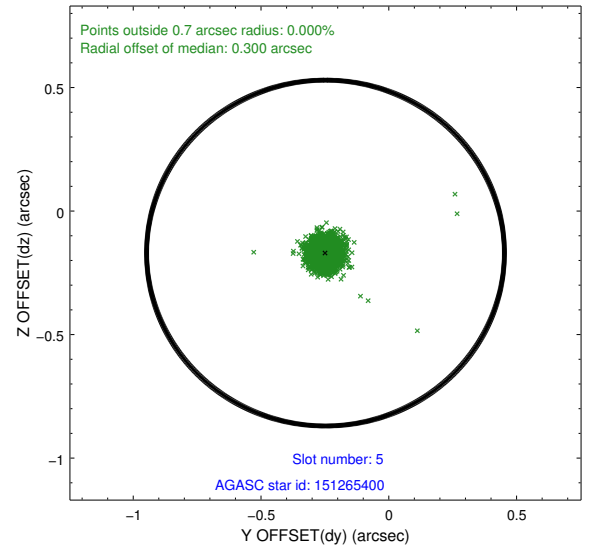
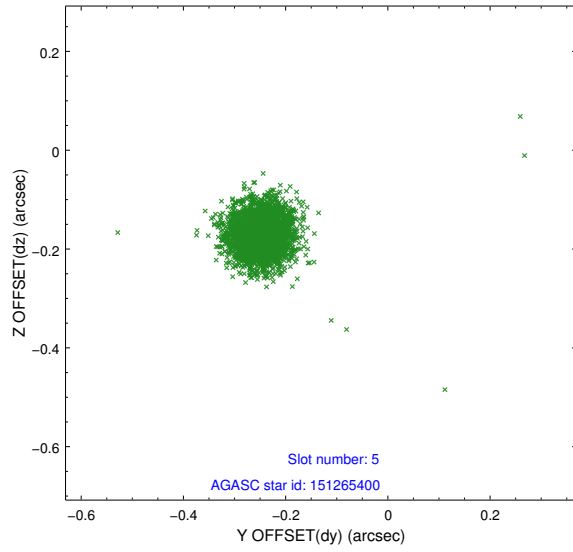
2.4.1 Slot 3



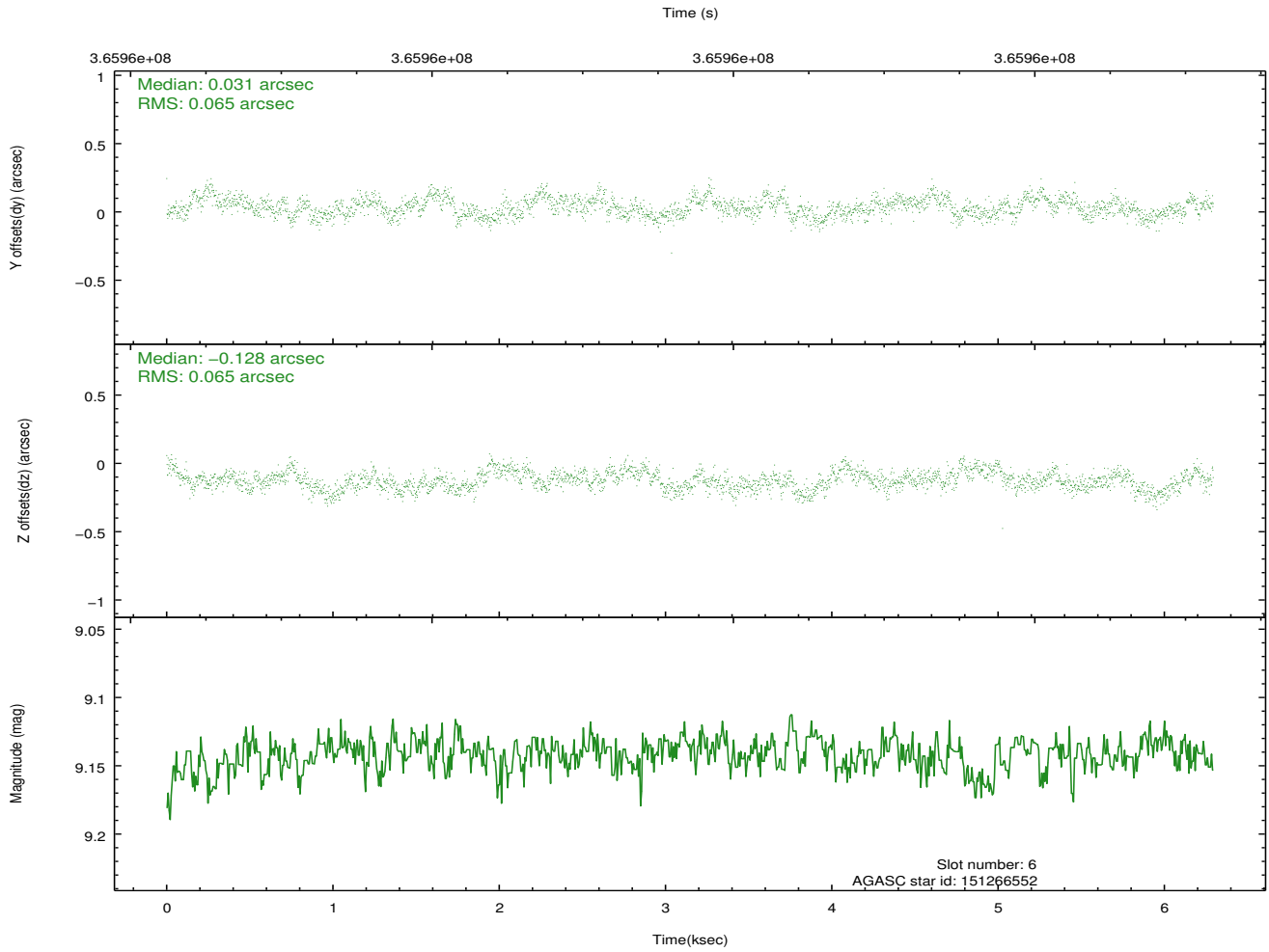
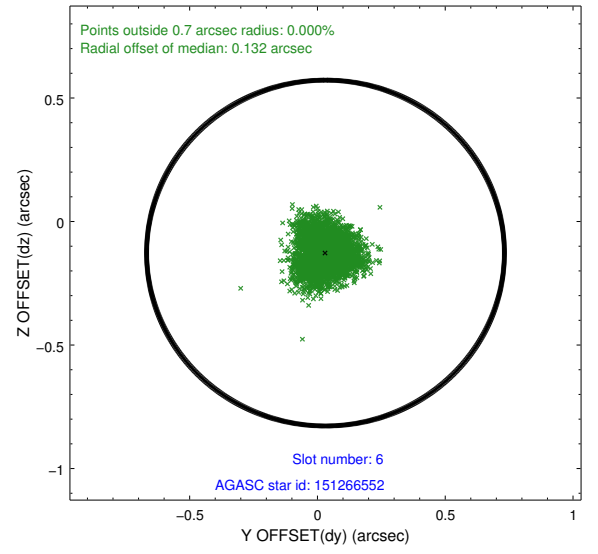
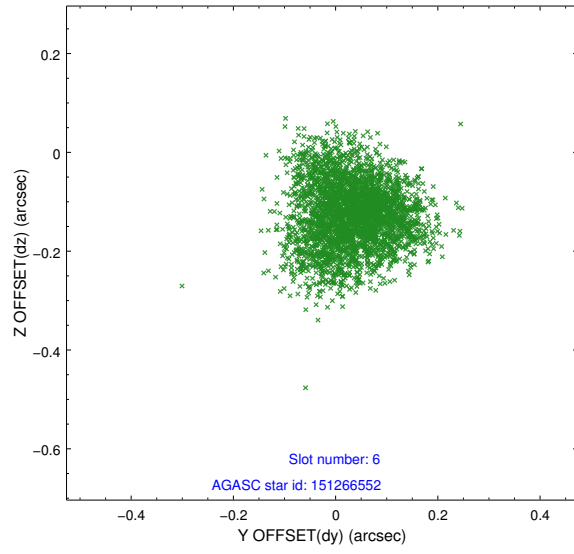
2.4.2 Slot 4



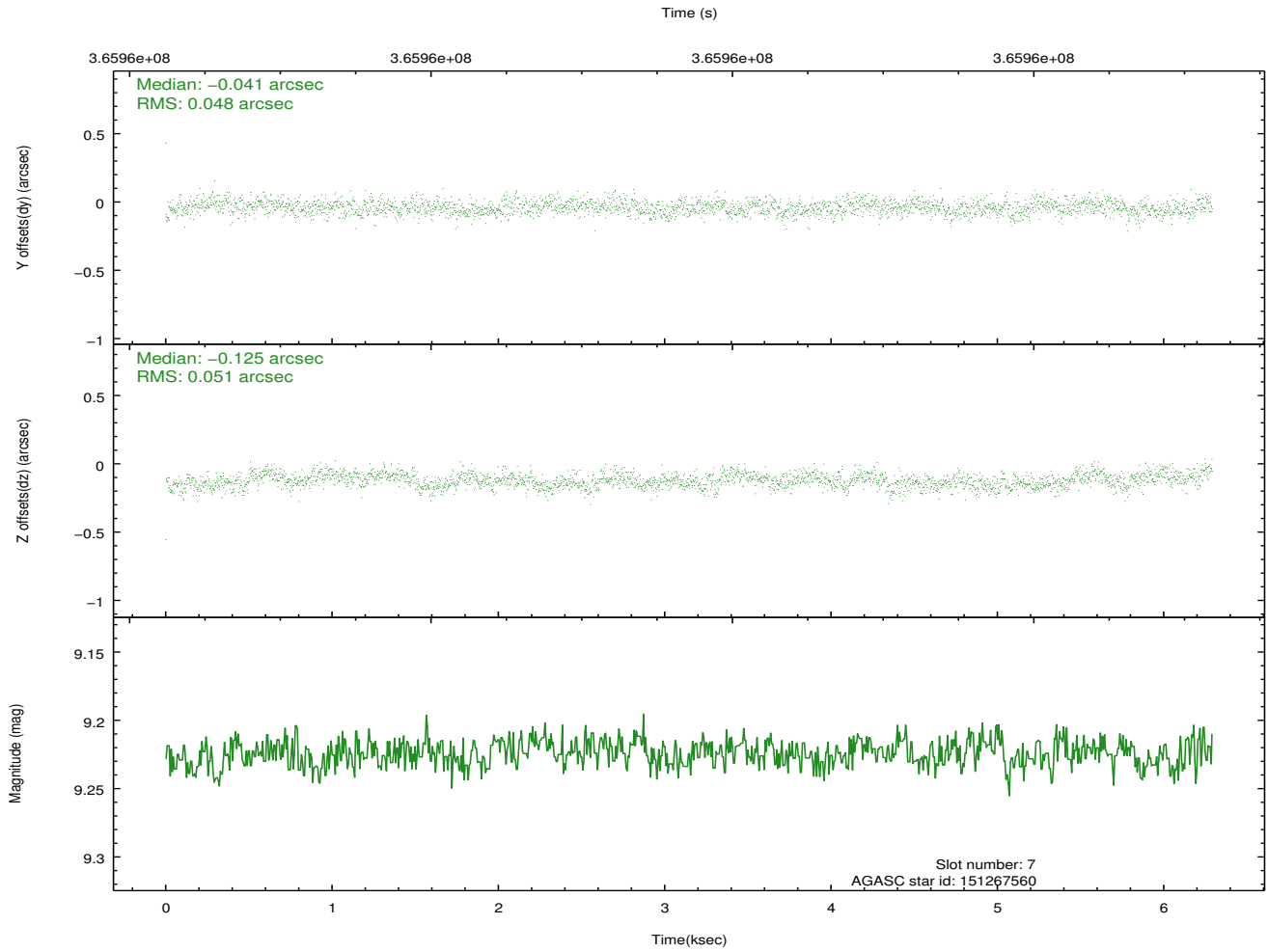
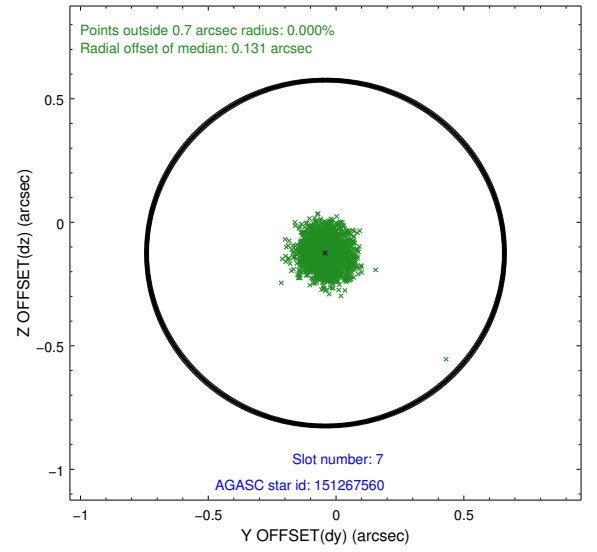
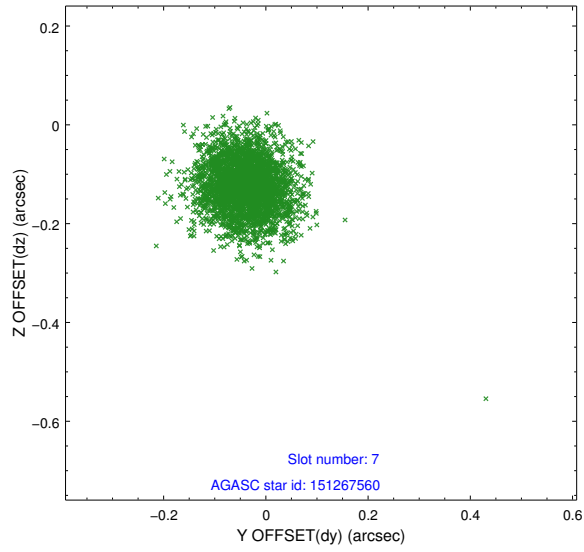
2.4.3 Slot 5



2.4.4 Slot 6

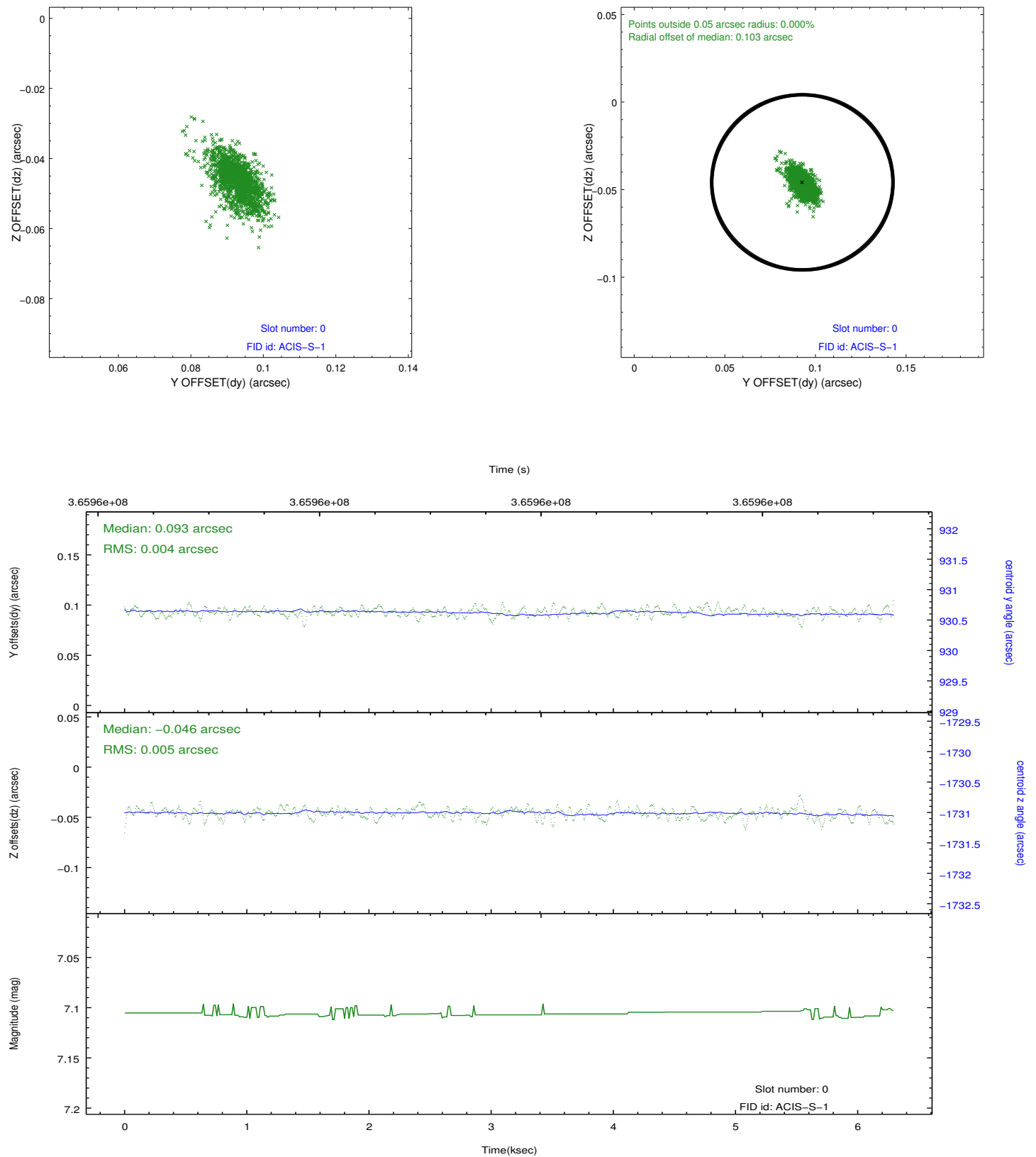


2.4.5 Slot 7

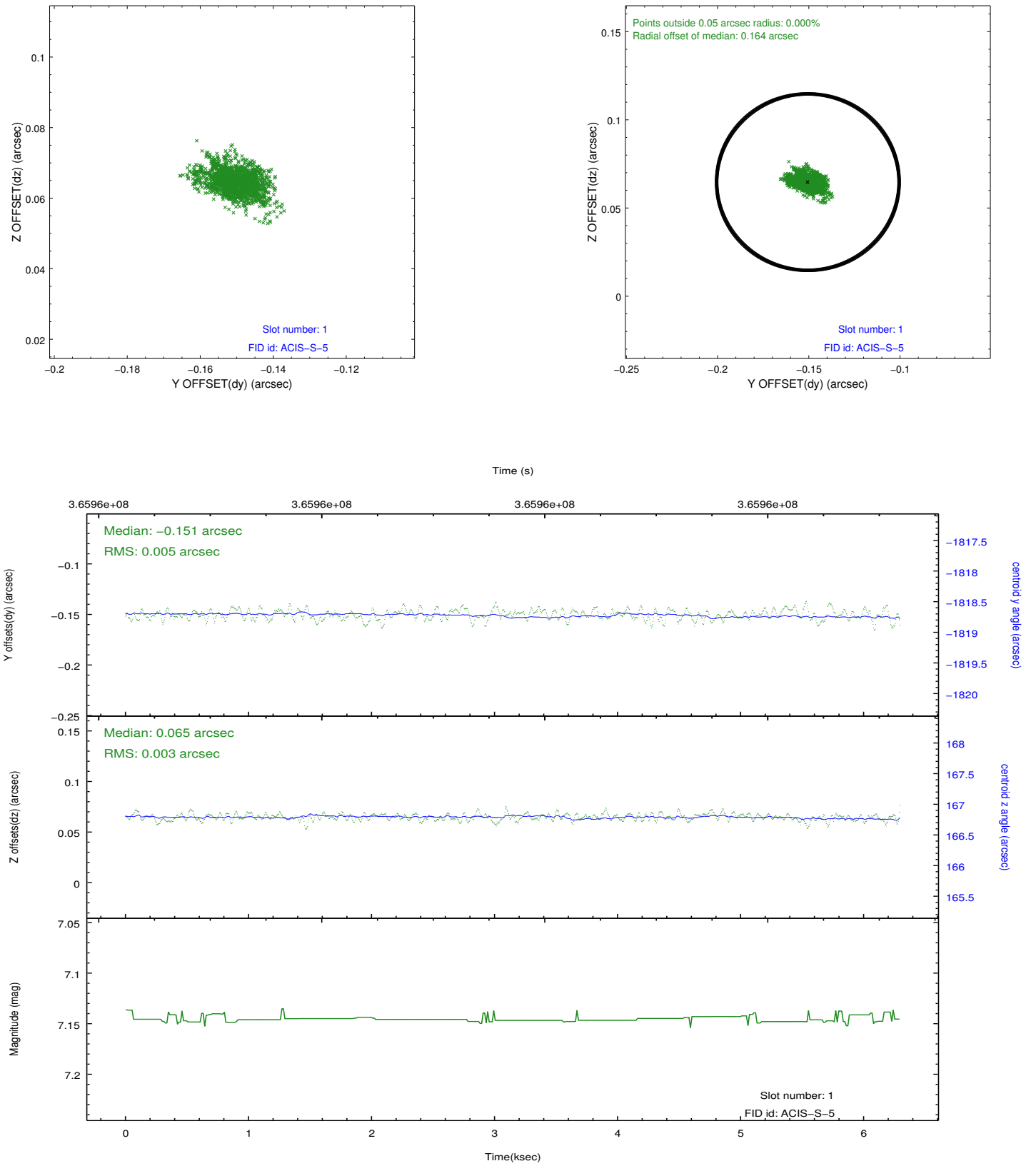


2.5 FID Slots

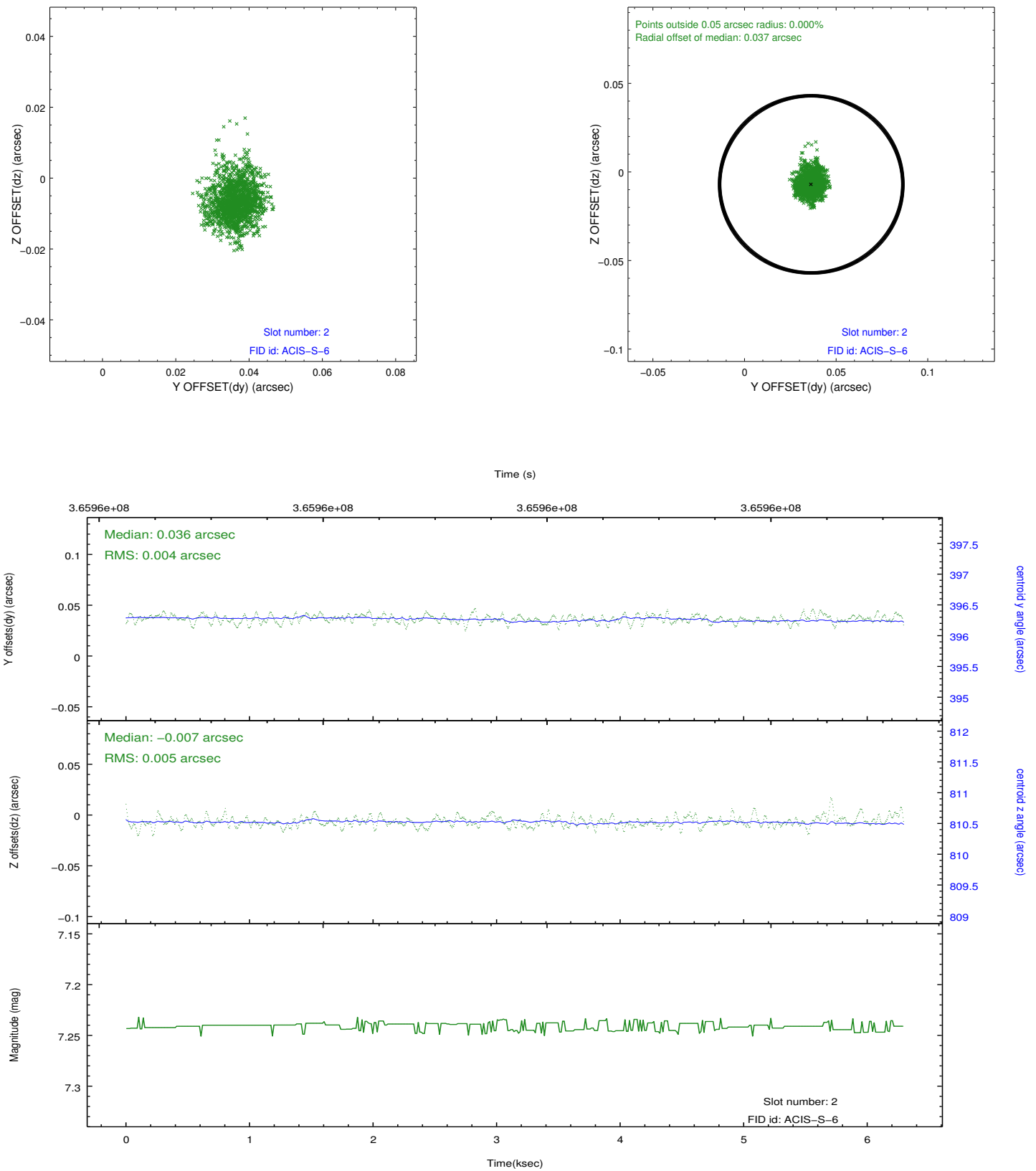
2.5.1 Slot 0



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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0099996417761

A.2 Comments

Joint proposal with HST.