

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3102 - L2 Version 3
Chandra X-Ray Center

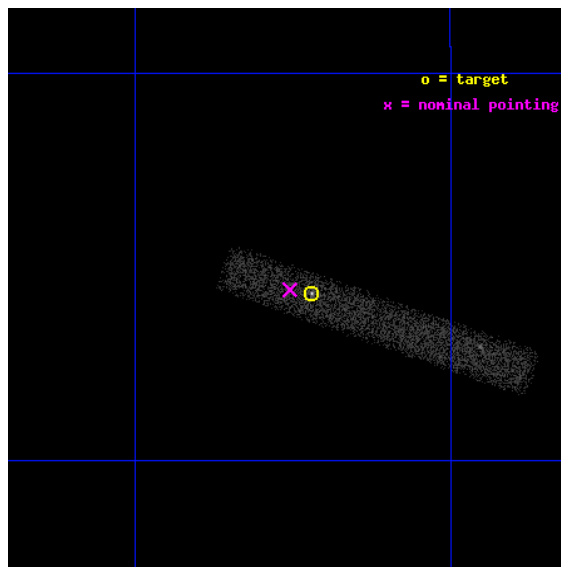
L2 Processing Date : Oct 17 2012

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1 Front

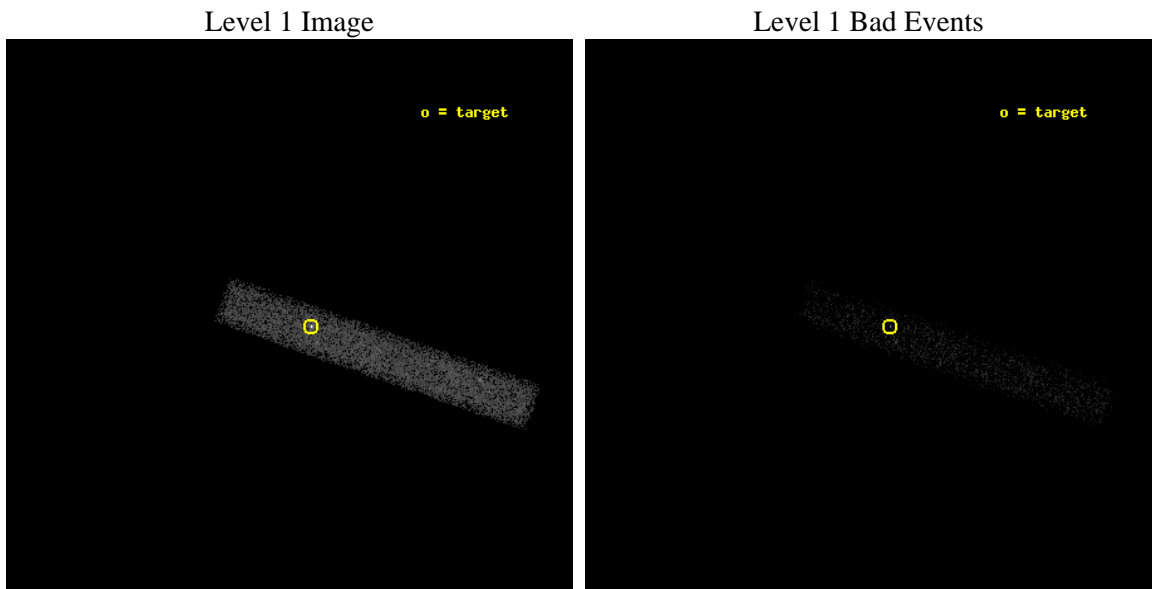
seq_num	700541	Sequence number
obs_id	3102	Observation id
title	X-RAY IMAGING OF GPS AND CSS QUASARS	Proposal title
observer	Dr. Aneta Siemiginowska	Principal investigator
object	Q1250+568	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	193.11	Observer's specified target RA [deg]
dec_targ	56.572139	Observer's specified target Dec [deg]
ra_nom	193.12744208765	Nominal RA [deg]
dec_nom	56.57364277721	Nominal Dec [deg]
roll_nom	18.989801402051	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15444.000230104	Sum of GTIs [s]
livetime	14006.893007531	Livetime [s]
ontime7	15444.000230104	Sum of GTIs [s]
l2events	10605	Number of level 2 events



2 OBI

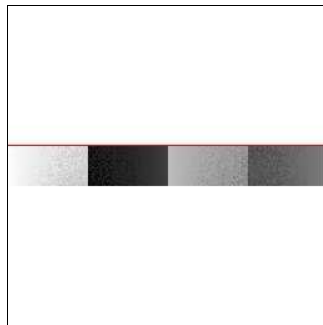
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	15000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	15444.000230104	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	15444.000230104	Sum of GTIs [s]
date	2012-10-16T23:45:29	Date and time of file creation	l1events	20426	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

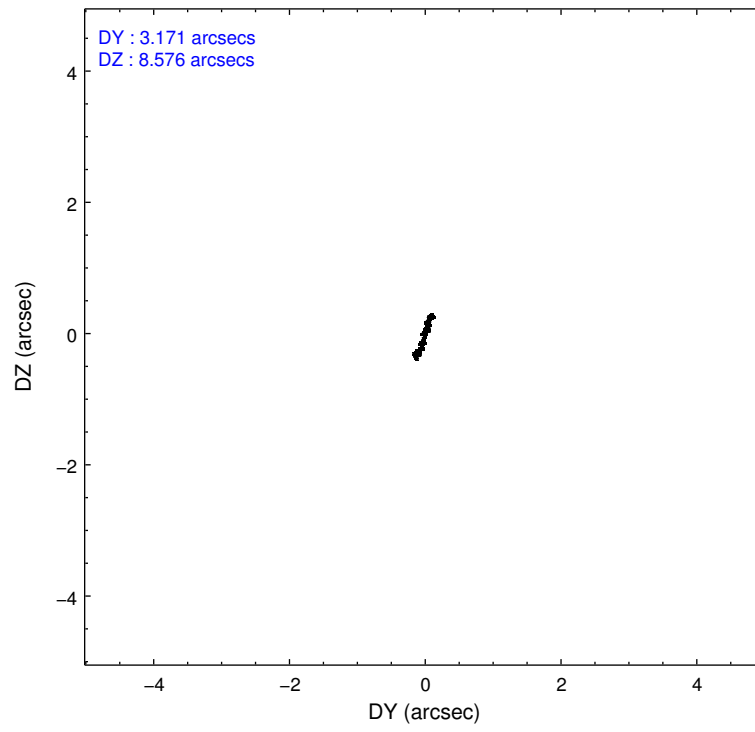
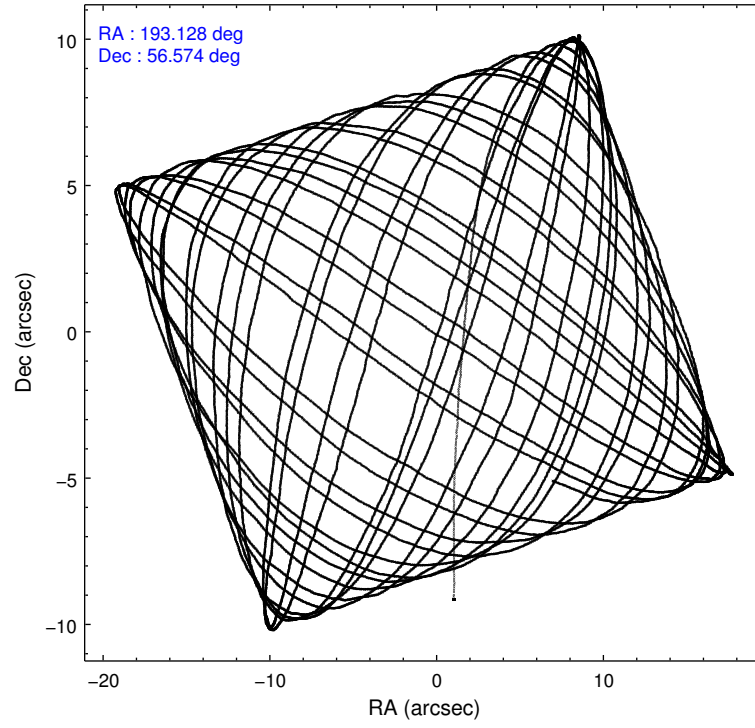
	ccd 7
level 1 events	20426
rejected events	9479
rejected %	46%

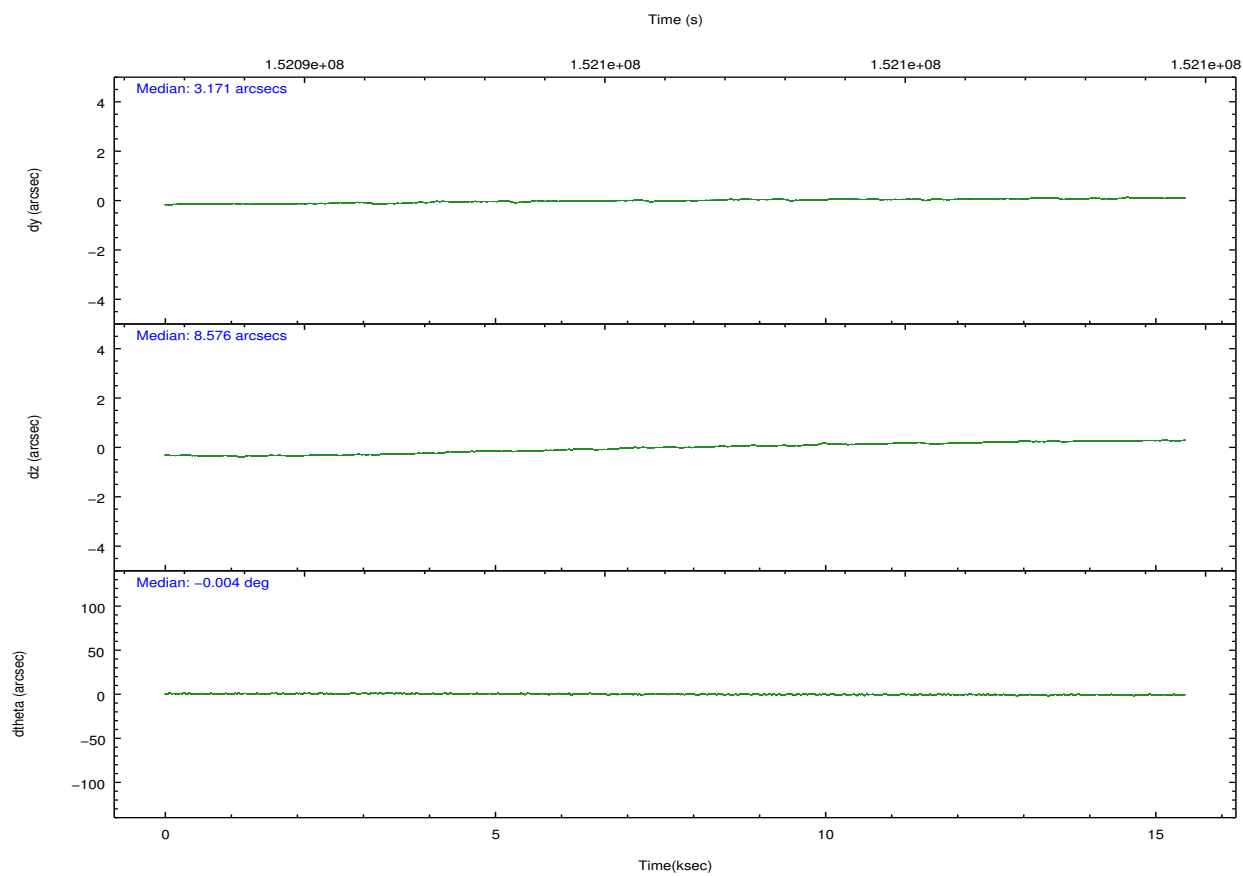
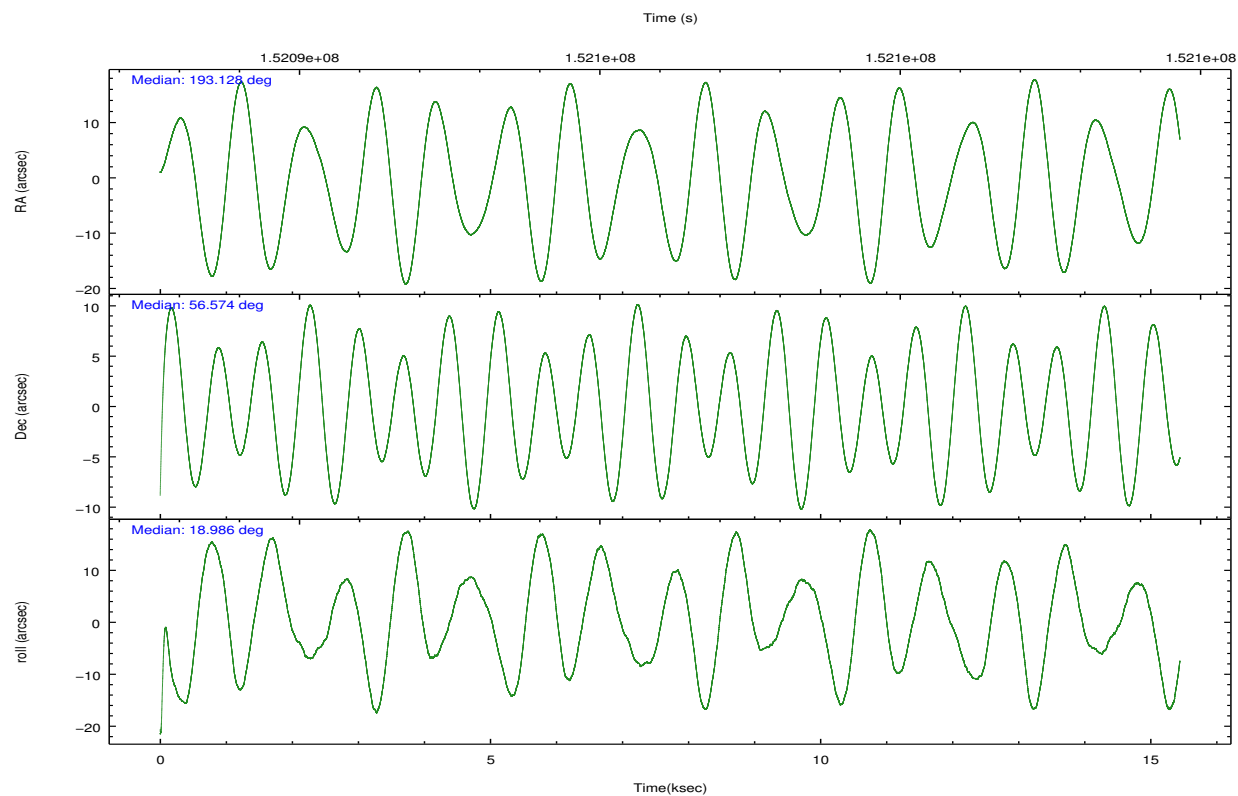
	ccd 7
grade 0 events	2089
	10%
grade 1 events	28
	0%
grade 2 events	2155
	10%
grade 3 events	1432
	7%
grade 4 events	1370
	6%
grade 5 events	1654
	8%
grade 6 events	4152
	20%
grade 7 events	7546
	36%

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	193.095421	193.1274420876461	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	56.552843	56.57364277772115	Subarray start row	449	449
[deg] Pointing Roll	18.859918	18.98980140205138	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)	152088889.184000	152087796.89315			
Observation start date	2002-10-27T06:53:45	2002-10-27T06:36:36			
[s] Observation end time (MET)	152103889.184000	152104522.33135			
Observation end date	2002-10-27T11:03:45	2002-10-27T11:15:22			
Read mode	TIMED	TIMED			

2.3 Aspect



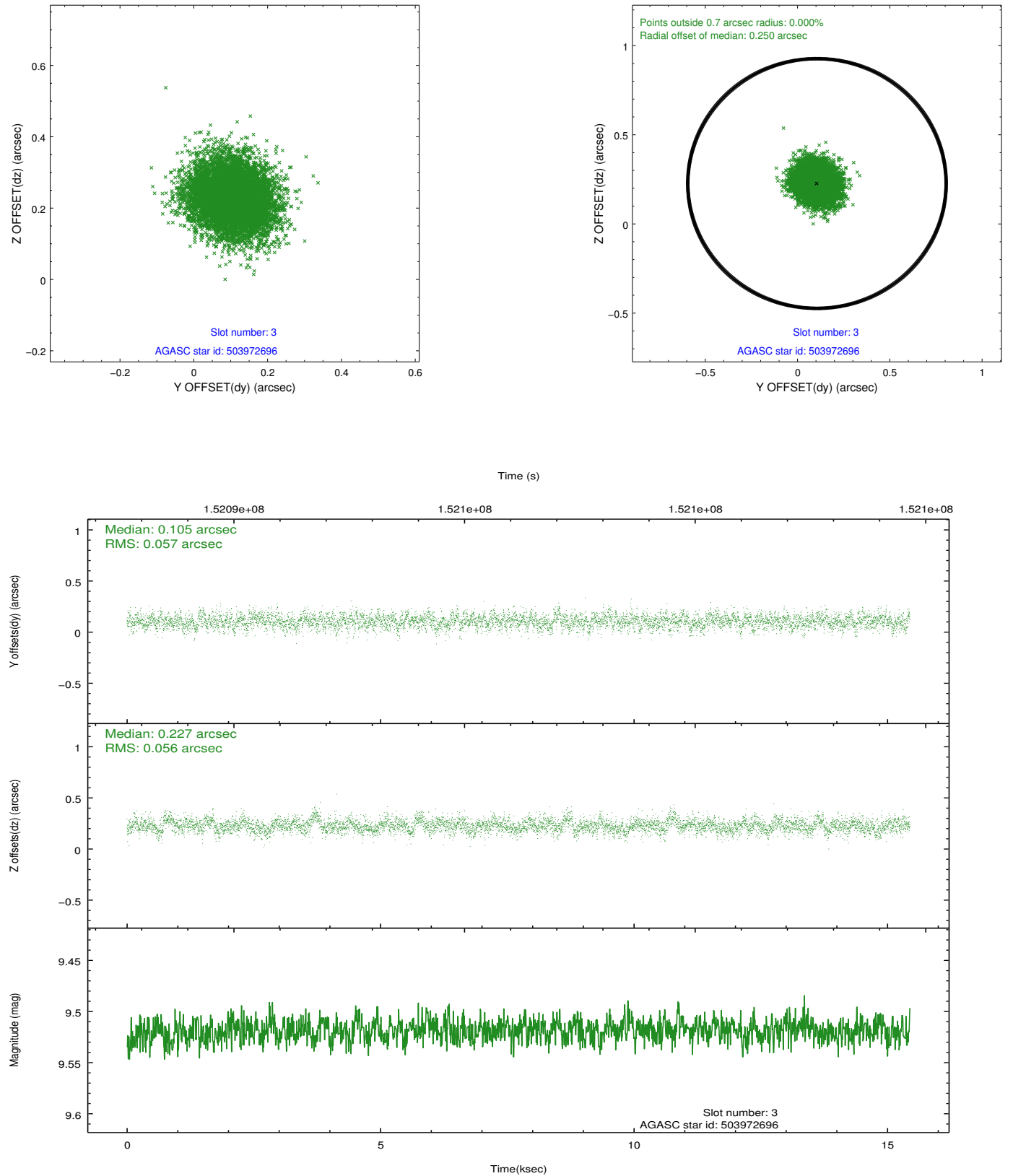


Slot Statistics

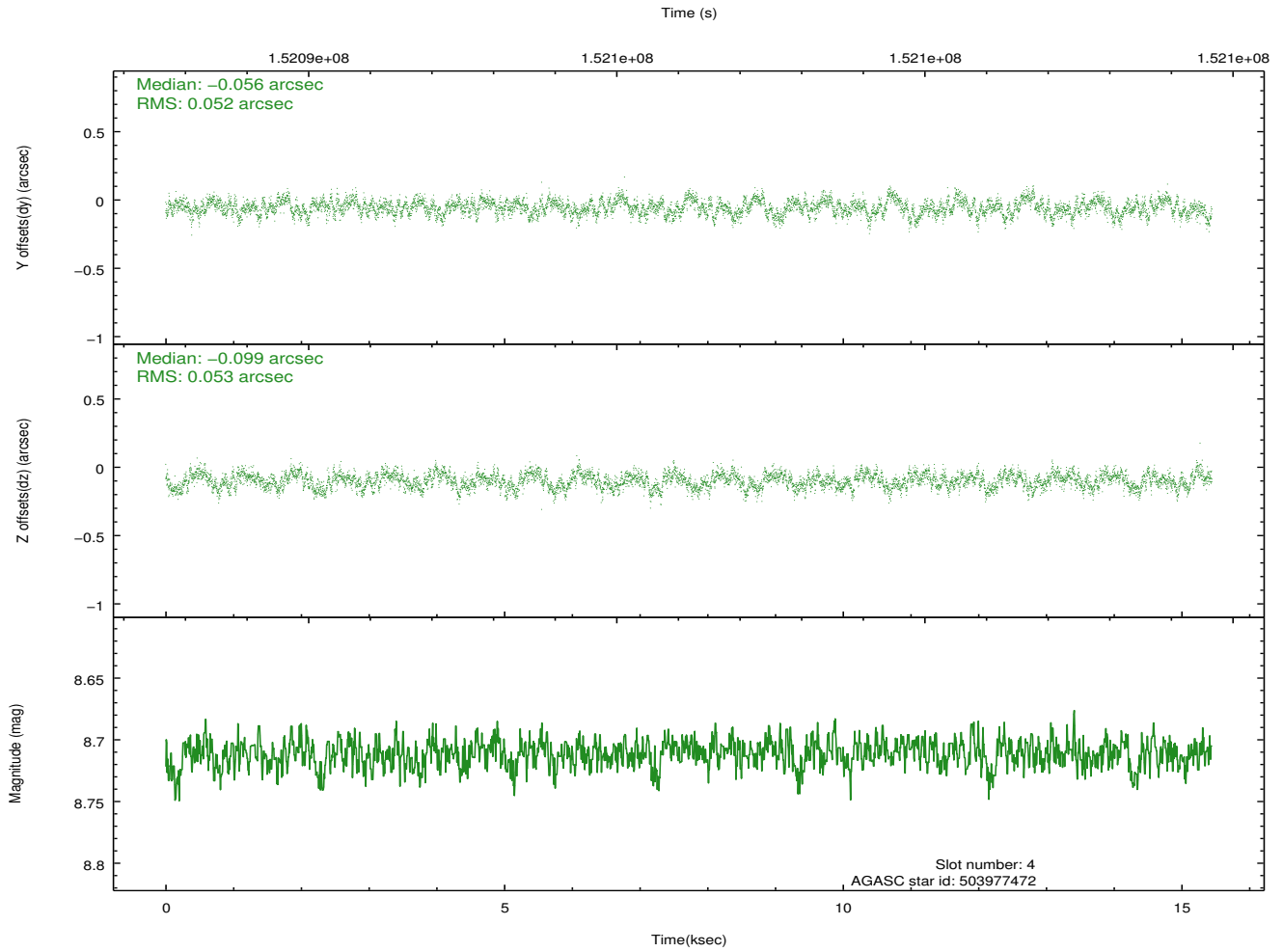
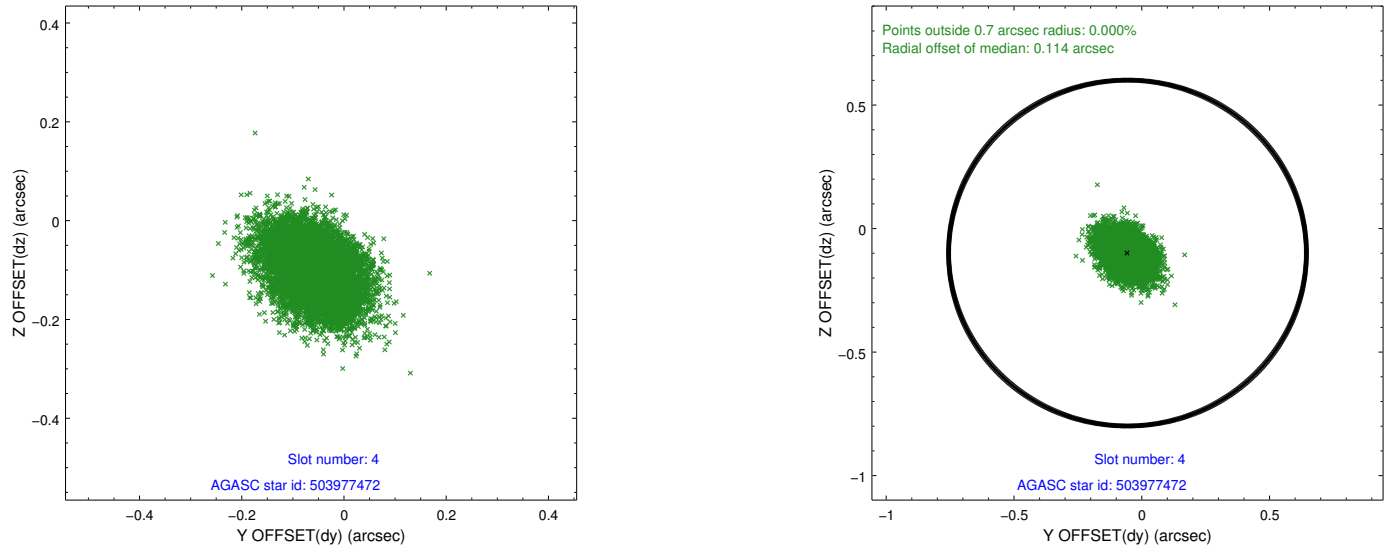
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3766	-0.017	-0.010	0.009	0.015	0.000000	0.000000	-755.83	-1729.76
1	FID	ACIS-S-4	7.20	3765	0.008	0.011	0.011	0.019	0.000000	0.000000	2157.35	178.43
2	FID	ACIS-S-5	7.24	3766	-0.022	0.009	0.008	0.013	0.000000	0.000000	-1808.30	172.44
3	GUIDE	503972696	9.52	7527	0.105	0.227	0.085	0.139	192.051415	56.314647	-2244.76	-122.25
4	GUIDE	503977472	8.71	7532	-0.056	-0.099	0.080	0.125	193.107383	56.634174	116.58	269.53
5	GUIDE	503978872	9.49	7534	-0.069	-0.050	0.094	0.152	193.810866	57.011691	1863.04	1117.15
6	GUIDE	503979104	9.83	7524	-0.012	0.125	0.124	0.197	194.089330	56.607844	1932.33	-435.19
7	GUIDE	503979848	8.75	7533	0.018	-0.202	0.085	0.145	191.895963	56.994167	-1705.65	2283.26

2.4 Star Slots

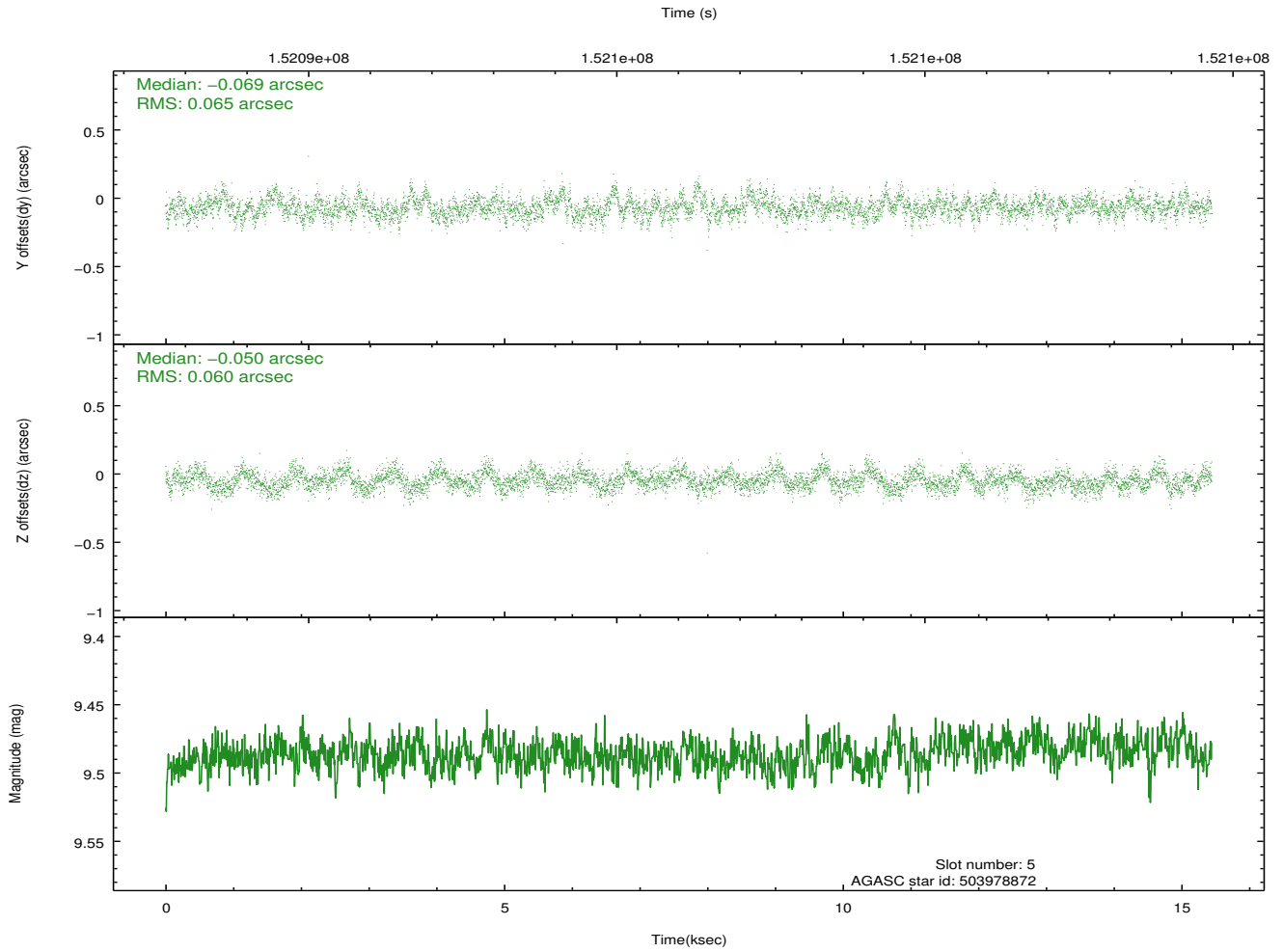
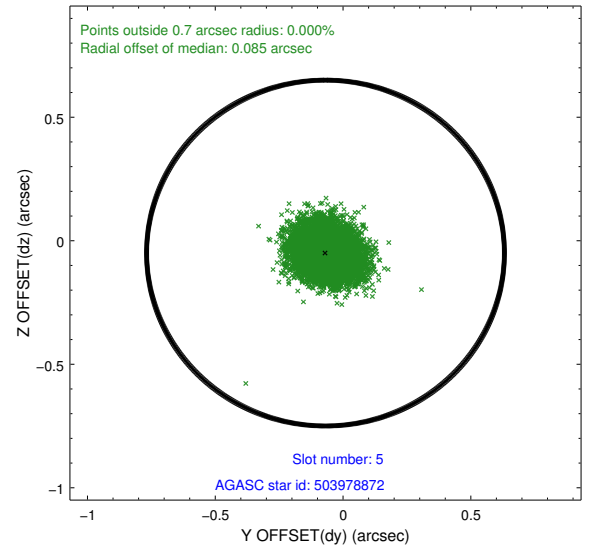
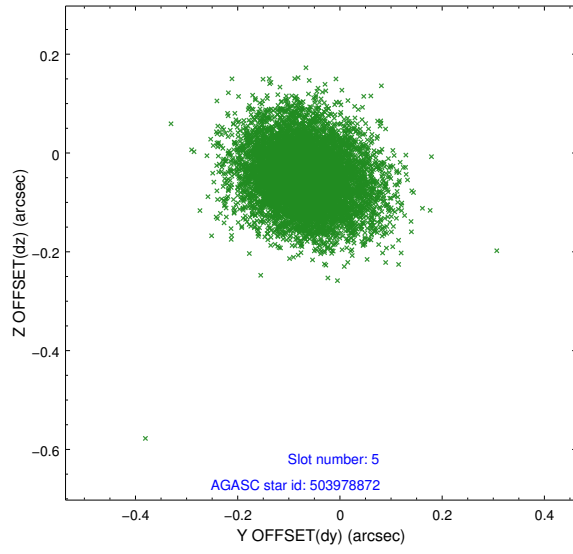
2.4.1 Slot 3



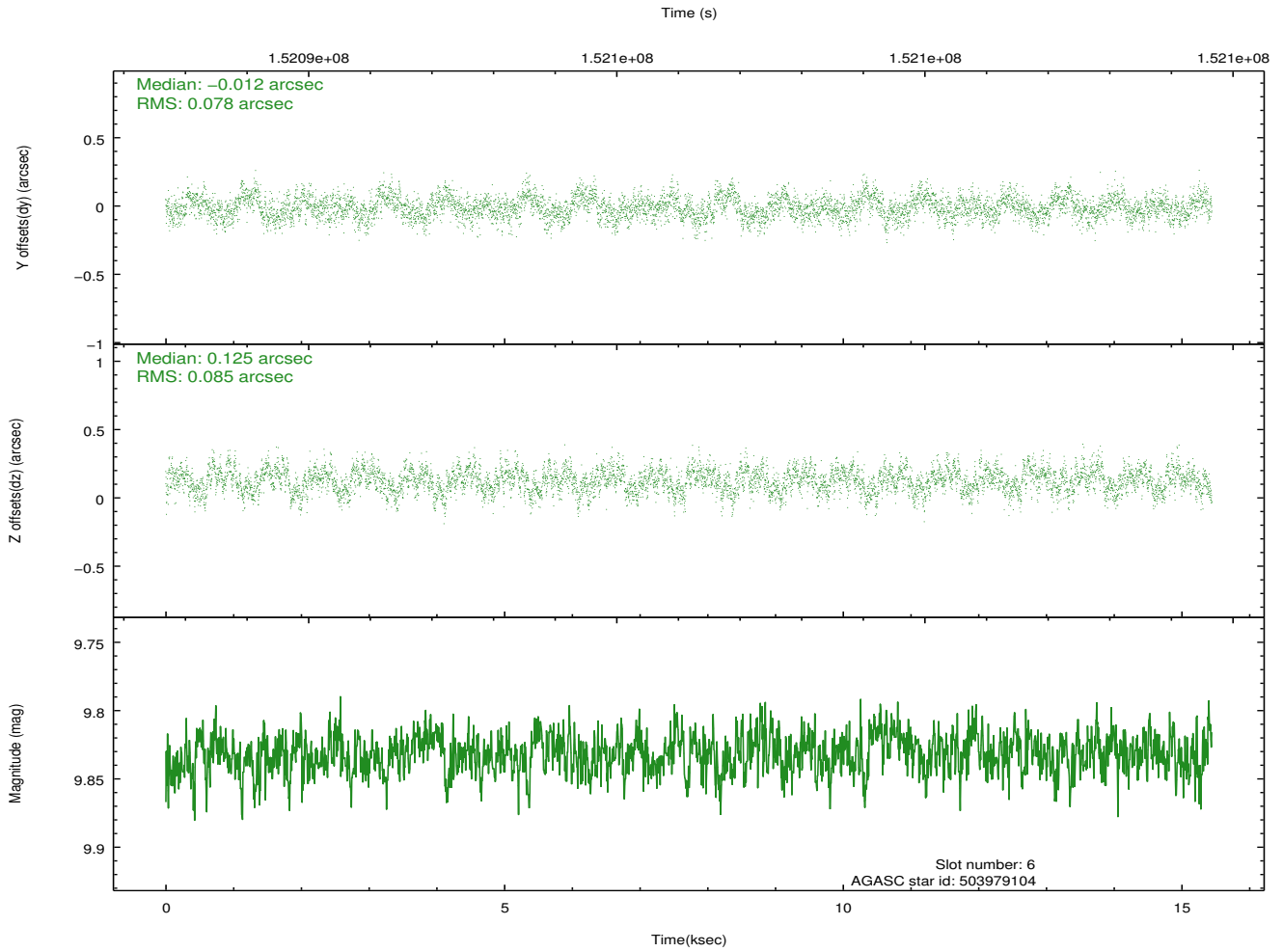
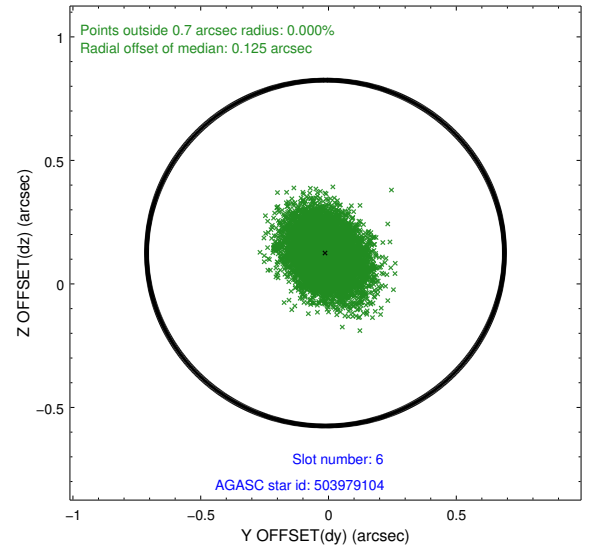
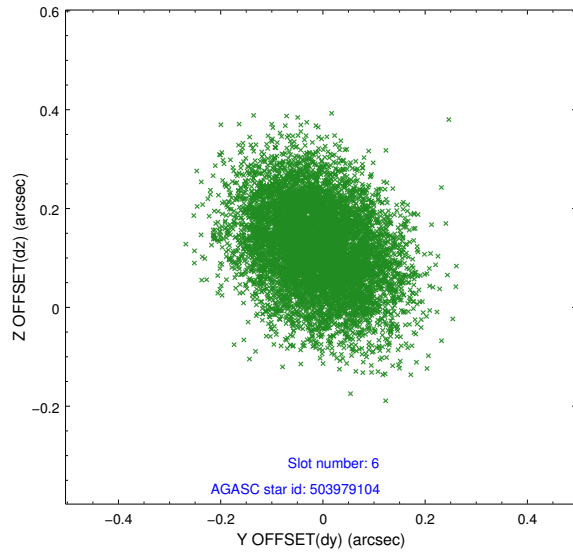
2.4.2 Slot 4



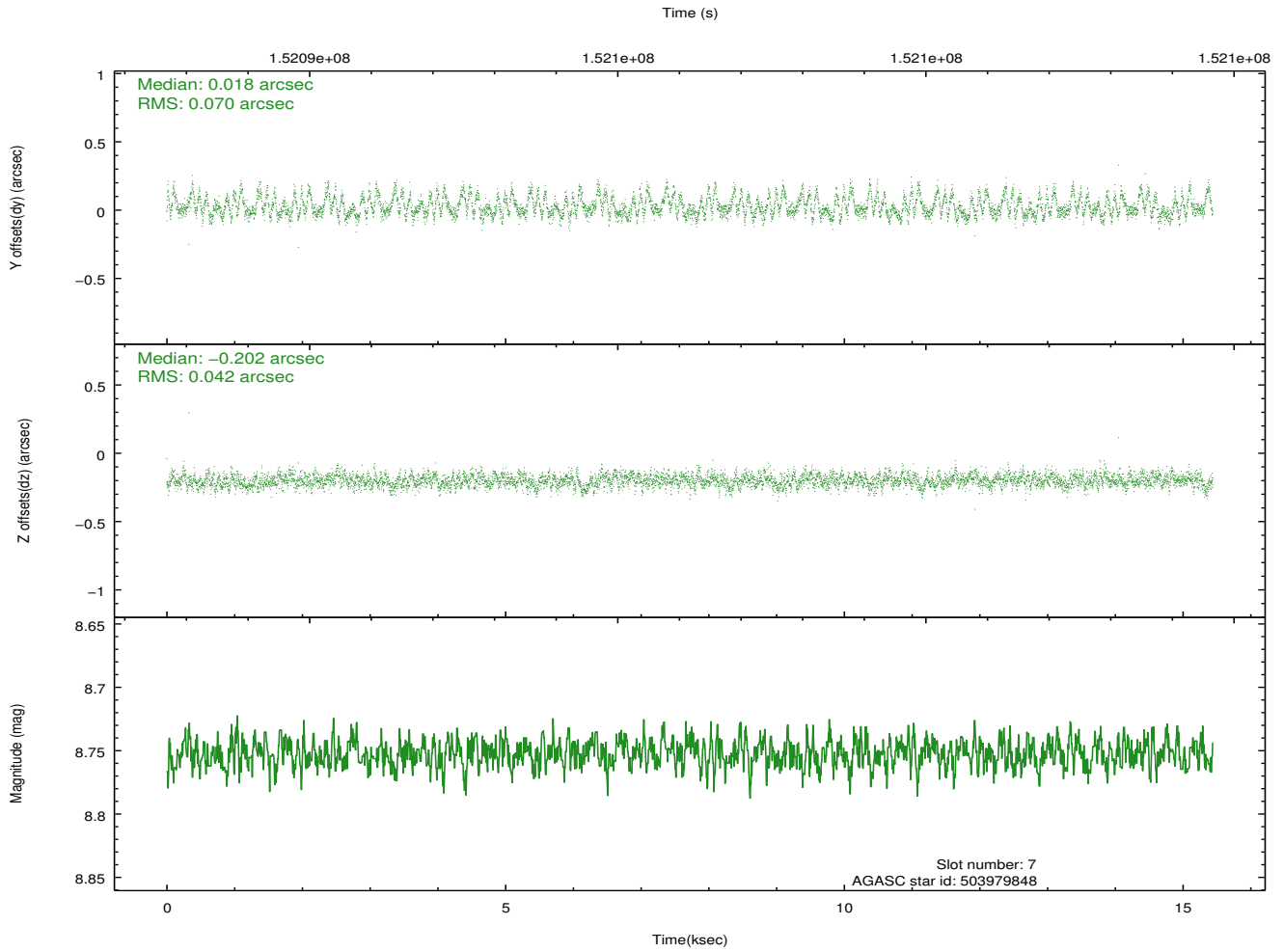
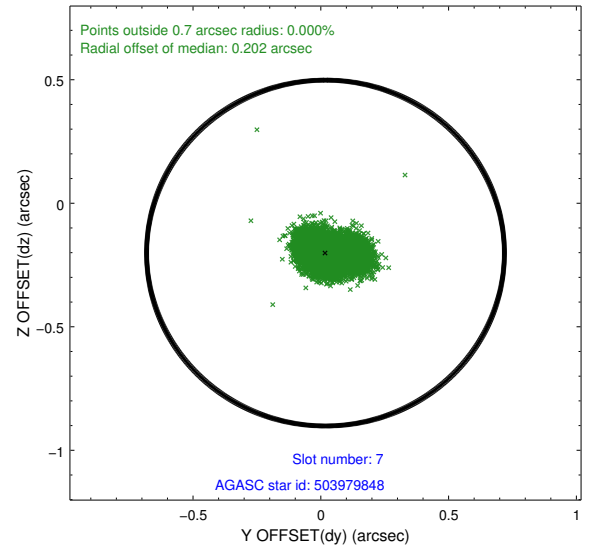
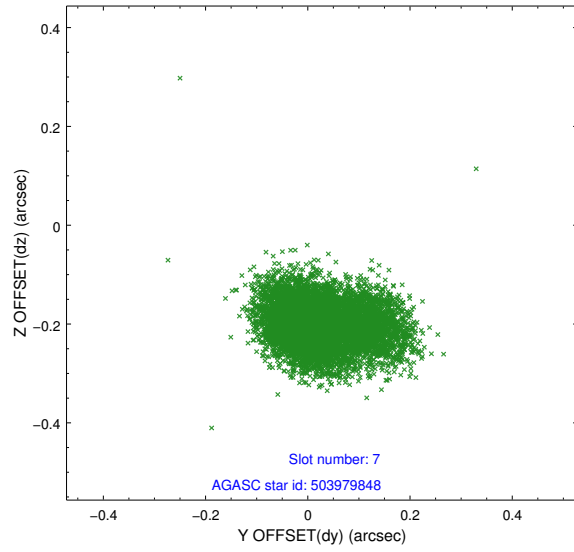
2.4.3 Slot 5



2.4.4 Slot 6

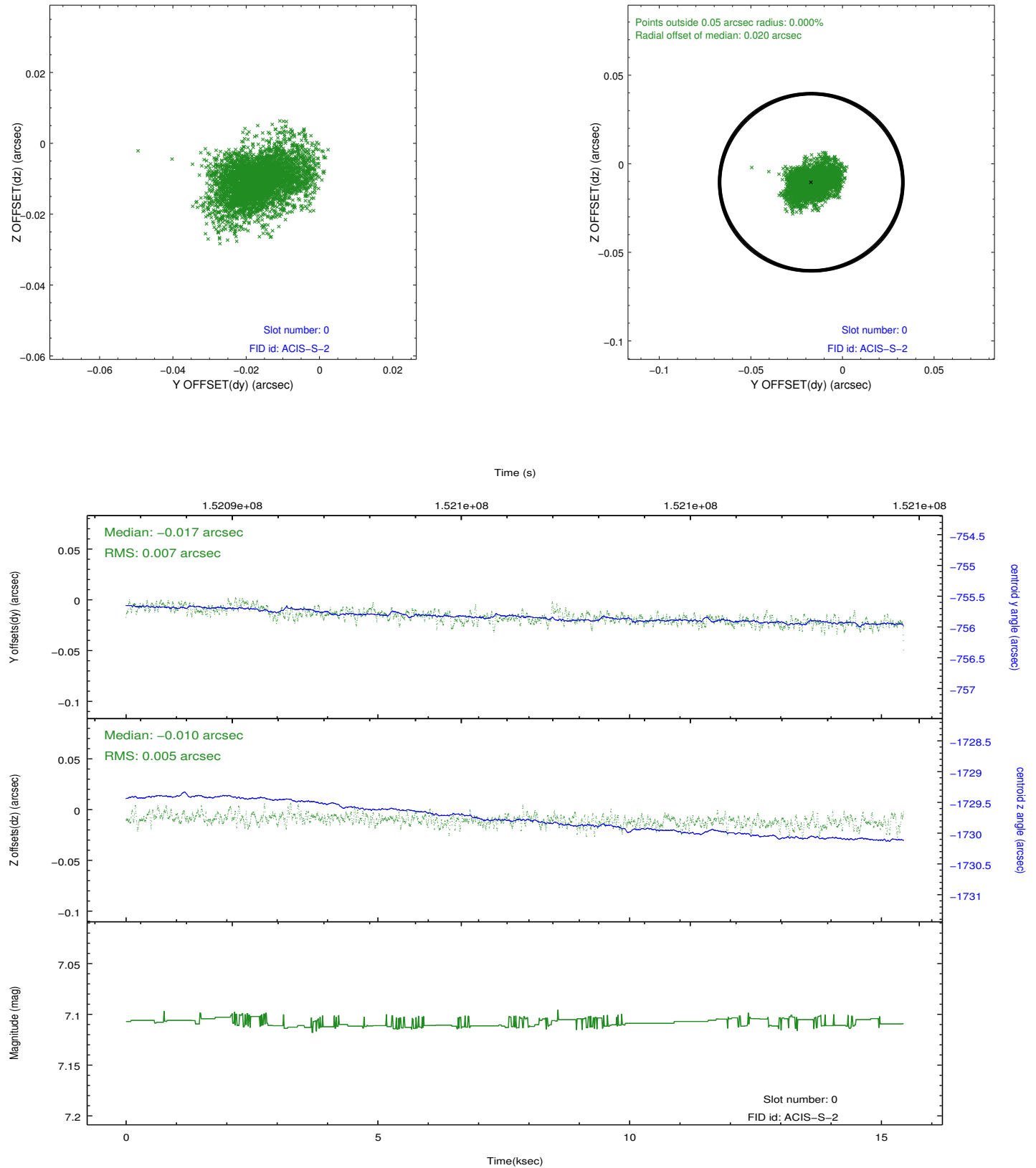


2.4.5 Slot 7

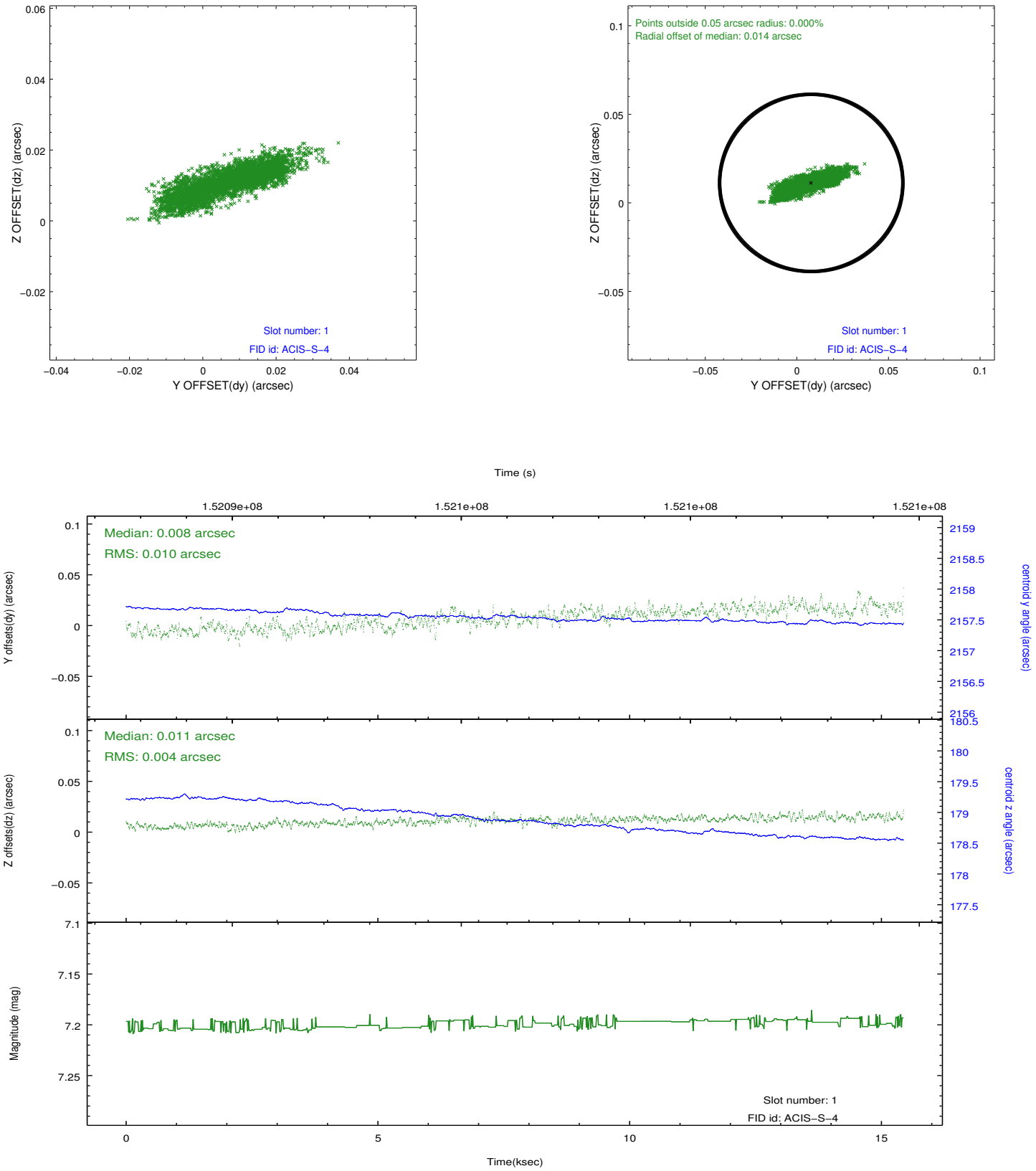


2.5 FID Slots

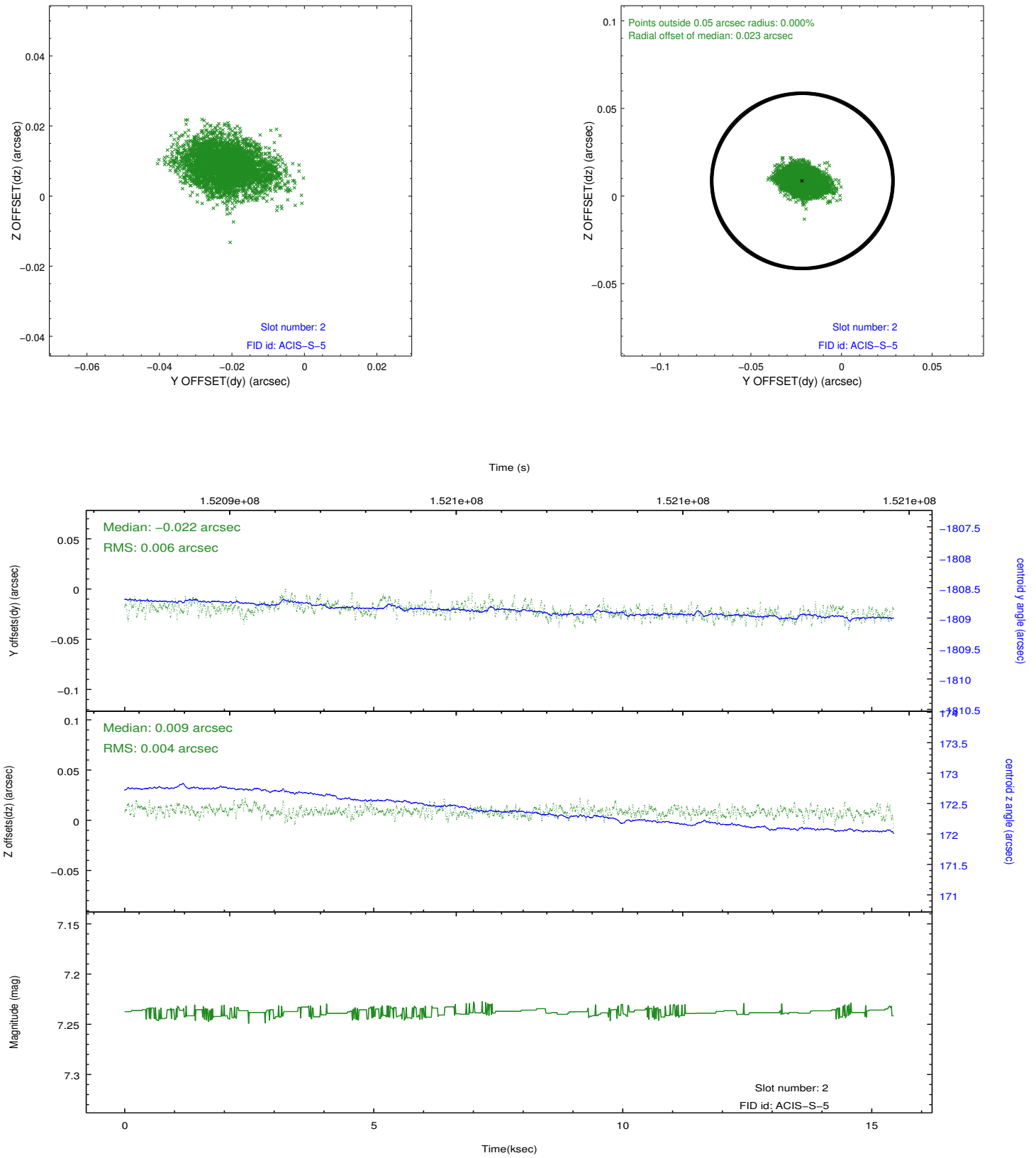
2.5.1 Slot 0



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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.444

A.2 Comments

Joint Proposal: HST+NOAO