

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7514 - L2 Version 2
Chandra X-Ray Center

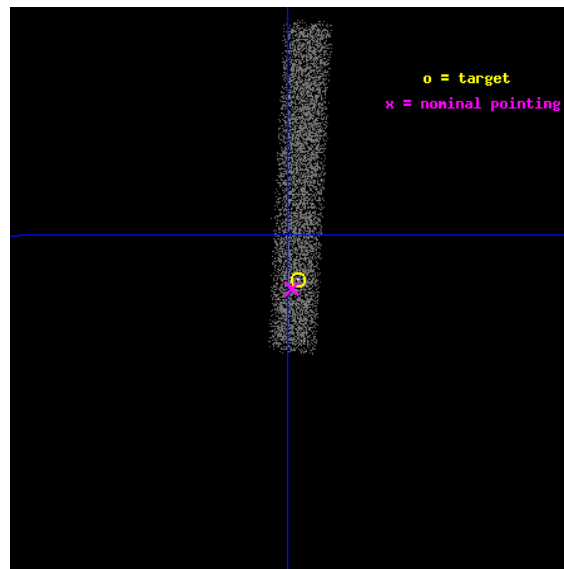
L2 Processing Date : Apr 29 2012

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1 Front

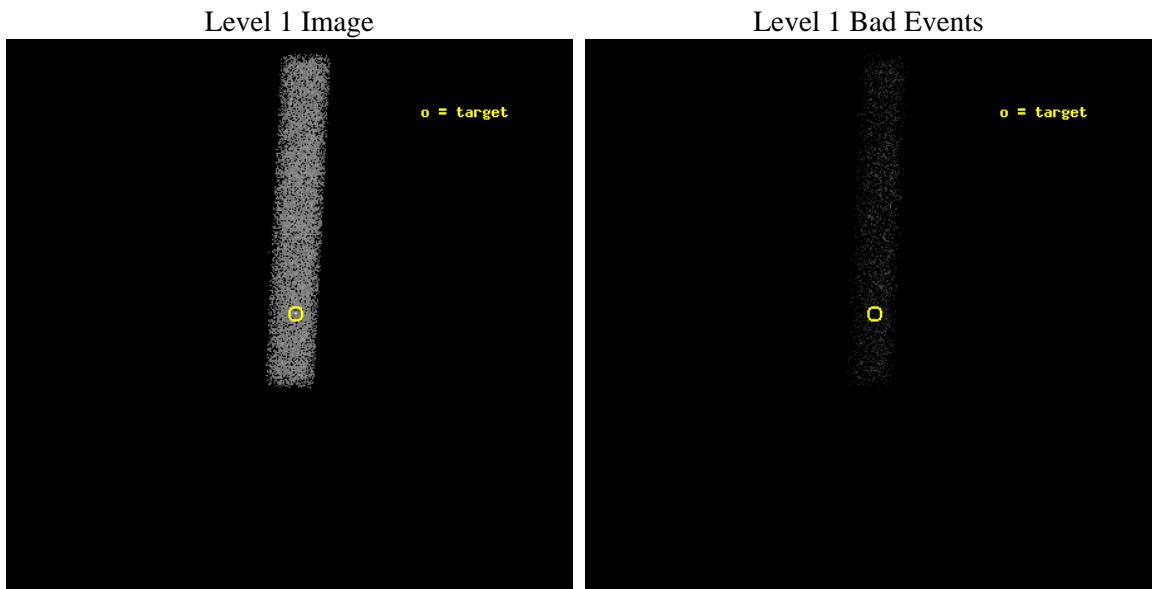
seq_num	400624	Sequence number
obs_id	7514	Observation id
title	From Super-Eddington to zero: following a Z source into quiescence	
observer	Dr Jeroen Homan	Principal investigator
object	XTE J1701-462	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.243583	Observer's specified target RA [deg]
dec_targ	-46.185723	Observer's specified target Dec [deg]
ra_nom	255.24755146925	Nominal RA [deg]
dec_nom	-46.189761917704	Nominal Dec [deg]
roll_nom	272.83672339253	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9681.1994229555	Sum of GTIs [s]
livetime	8780.3368610154	Livetime [s]
ontime7	9681.1994229555	Sum of GTIs [s]
l2events	7932	Number of level 2 events



2 OBI

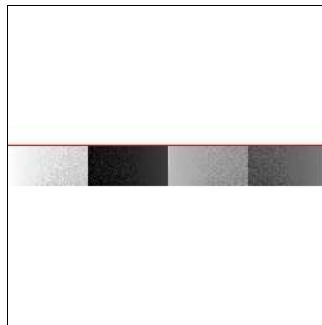
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	9681.1994229555	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	9681.1994229555	Sum of GTIs [s]
date	2012-04-30T01:09:47	Date and time of file creation	l1events	18545	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

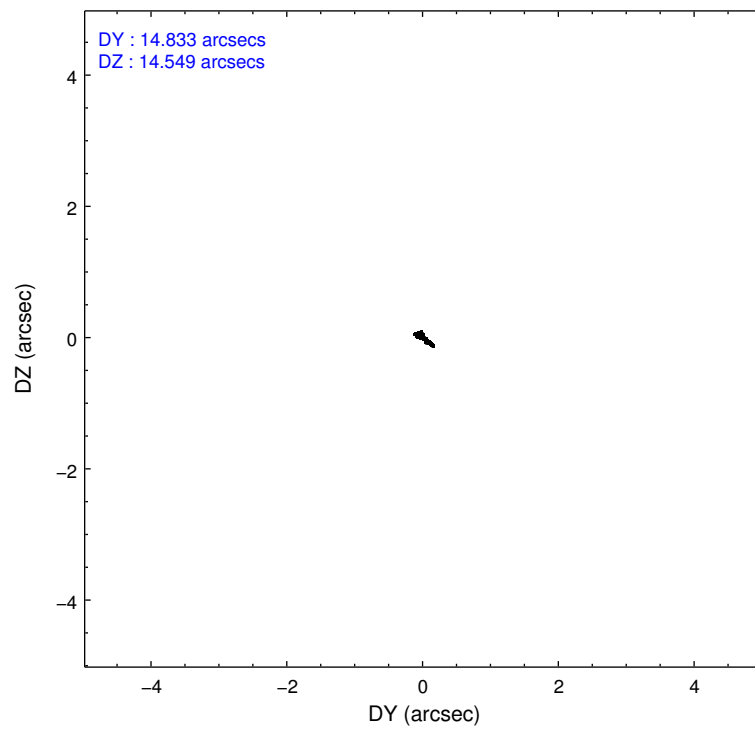
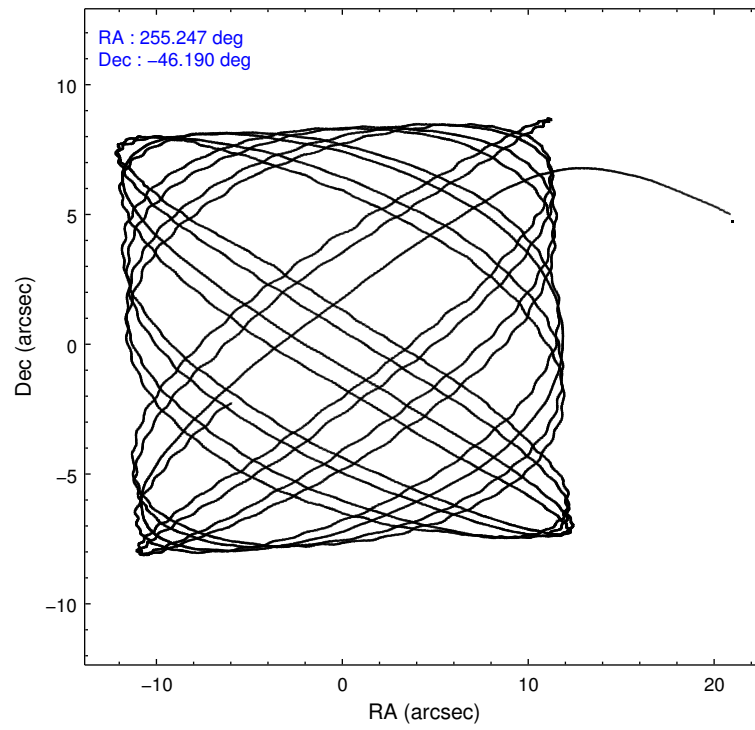
	ccd 7
level 1 events	18545
rejected events	10309
rejected %	55%

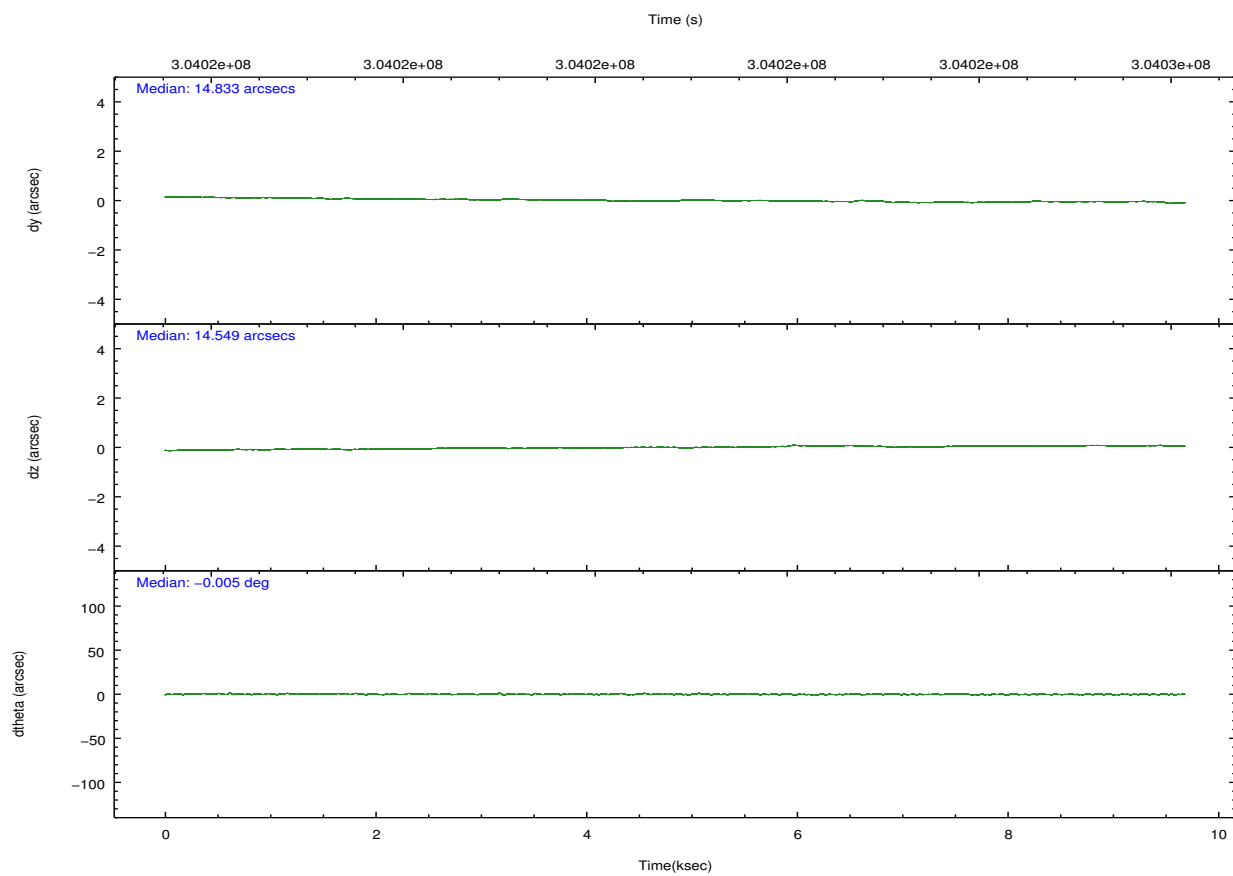
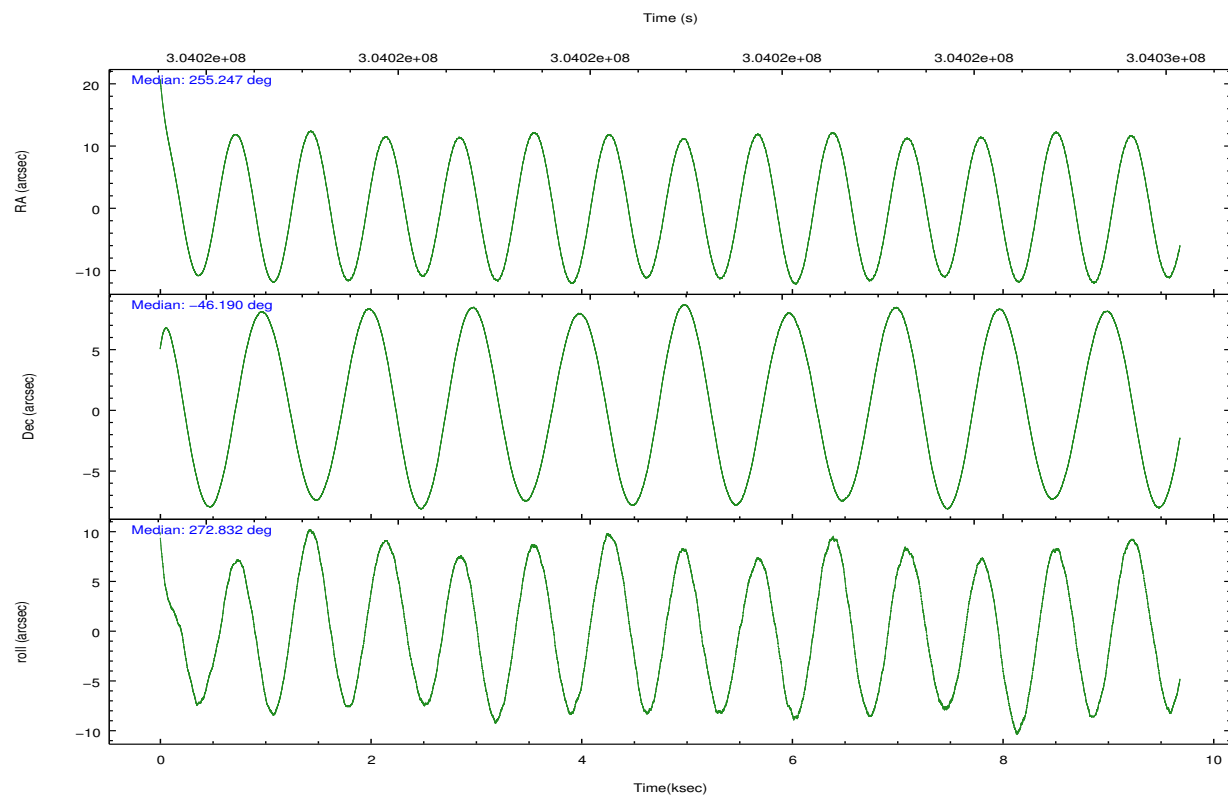
	ccd 7
grade 0 events	952
	5%
grade 1 events	25
	0%
grade 2 events	1714
	9%
grade 3 events	1089
	5%
grade 4 events	1054
	5%
grade 5 events	1637
	8%
grade 6 events	3828
	20%
grade 7 events	8246
	44%

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	255.225695	255.2475514692514	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-46.166941	-46.18976191770382	Subarray start row	449	449
[deg] Pointing Roll	272.664329	272.8367233925276	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	304016180.184000	304015329.14736			
Observation start date	2007-08-20T16:55:15	2007-08-20T16:42:09			
[s] Observation end time (MET)	304025680.184000	304026362.24789			
Observation end date	2007-08-20T19:33:35	2007-08-20T19:46:02			
Read mode	TIMED	TIMED			

2.3 Aspect



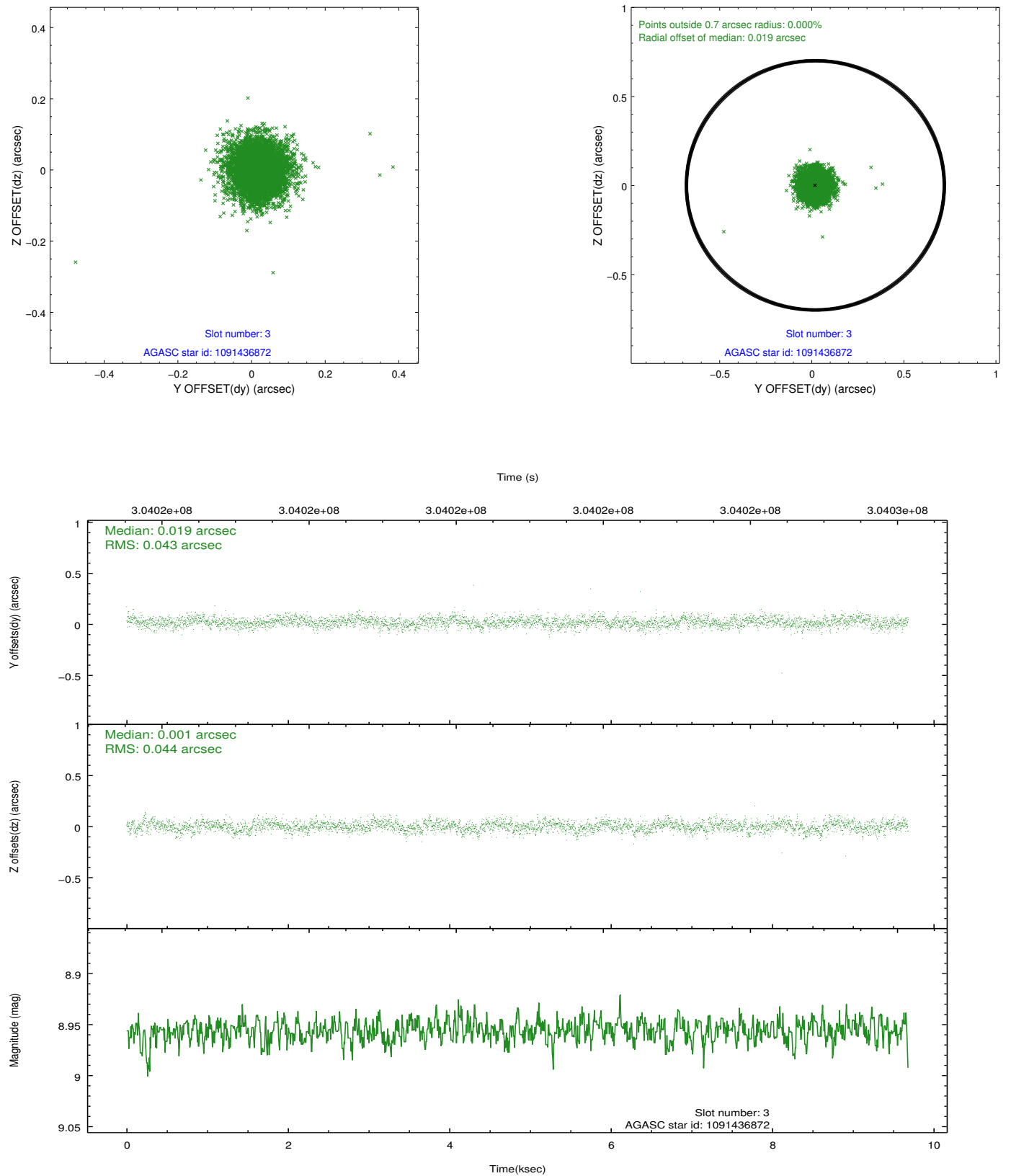


Slot Statistics

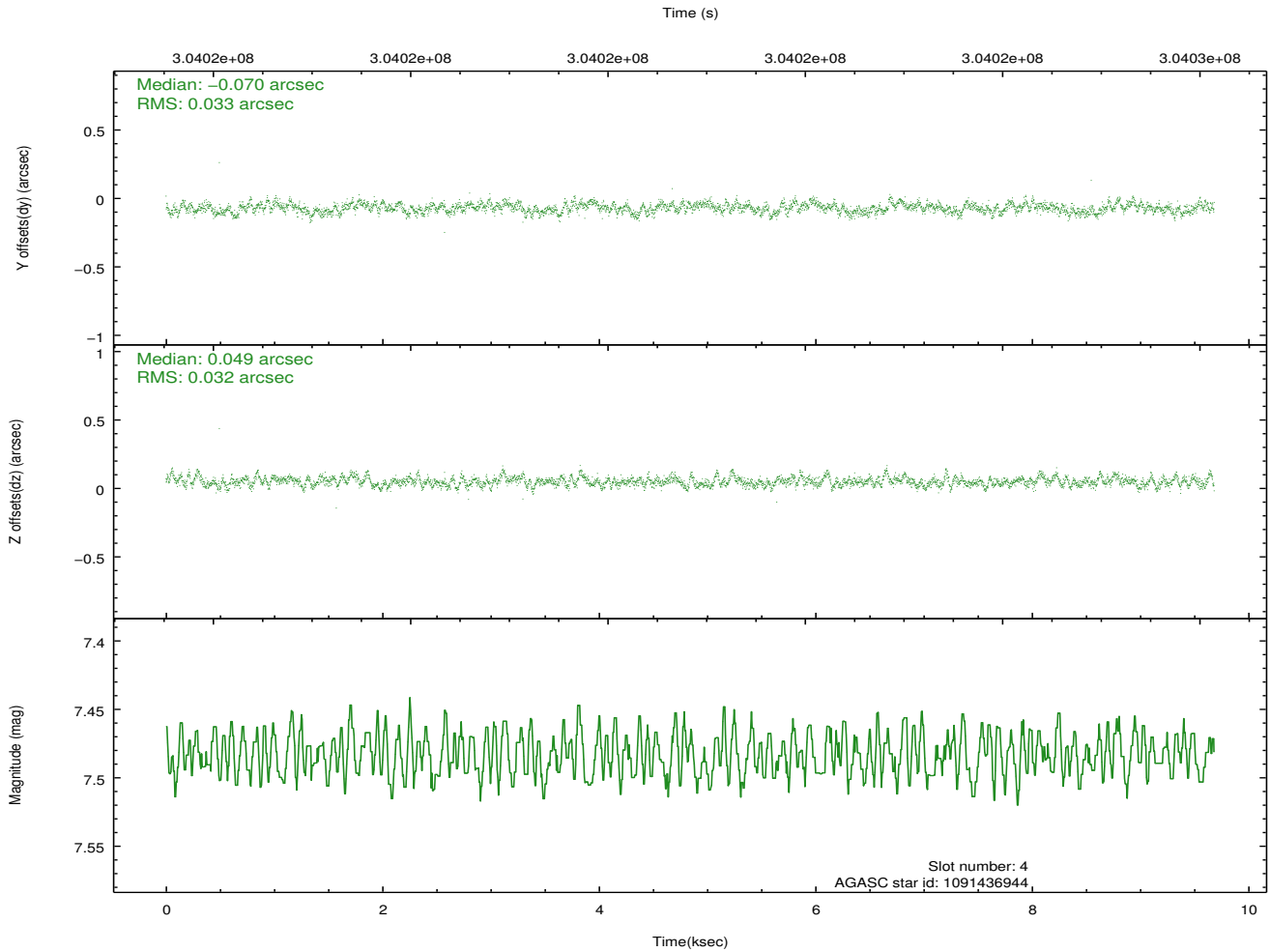
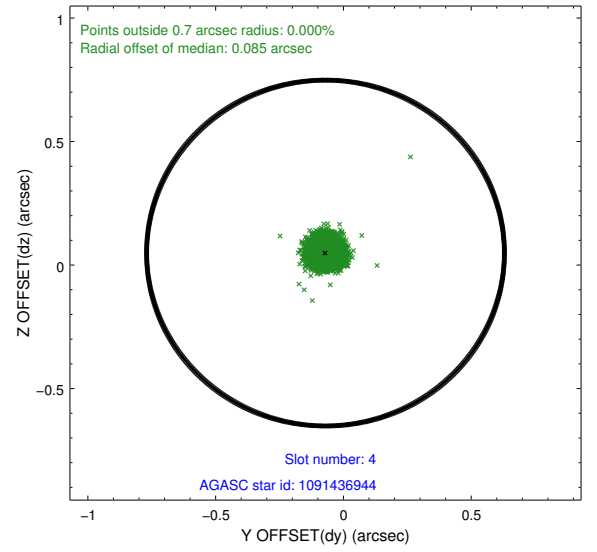
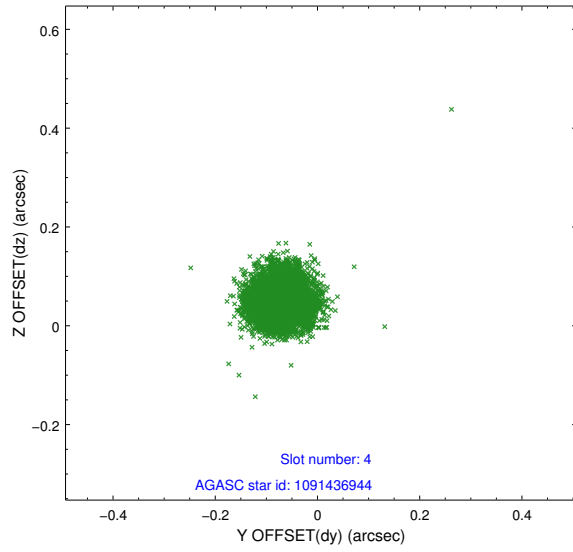
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	2362	0.015	-0.021	0.007	0.013	0.000000	0.000000	928.23	-1731.51
1	FID	ACIS-S-4	7.19	2362	0.162	0.012	0.007	0.012	0.000000	0.000000	2146.09	172.11
2	FID	ACIS-S-5	7.22	2362	-0.204	0.022	0.006	0.012	0.000000	0.000000	-1820.15	166.33
3	GUIDE	1091436872	8.96	4716	0.019	0.001	0.064	0.105	255.728542	-46.511740	1301.92	1186.84
4	GUIDE	1091436944	7.48	4723	-0.070	0.049	0.049	0.077	255.747540	-46.187588	139.28	1295.95
5	GUIDE	1091443112	7.92	4715	0.040	-0.100	0.077	0.125	254.637652	-45.920353	-949.41	-1429.84
6	GUIDE	1091443144	8.22	4720	-0.150	0.062	0.060	0.097	254.556494	-45.731344	-1637.63	-1607.52
7	GUIDE	1091447448	8.16	4722	0.161	-0.013	0.059	0.093	254.918350	-46.482919	1102.43	-814.14

2.4 Star Slots

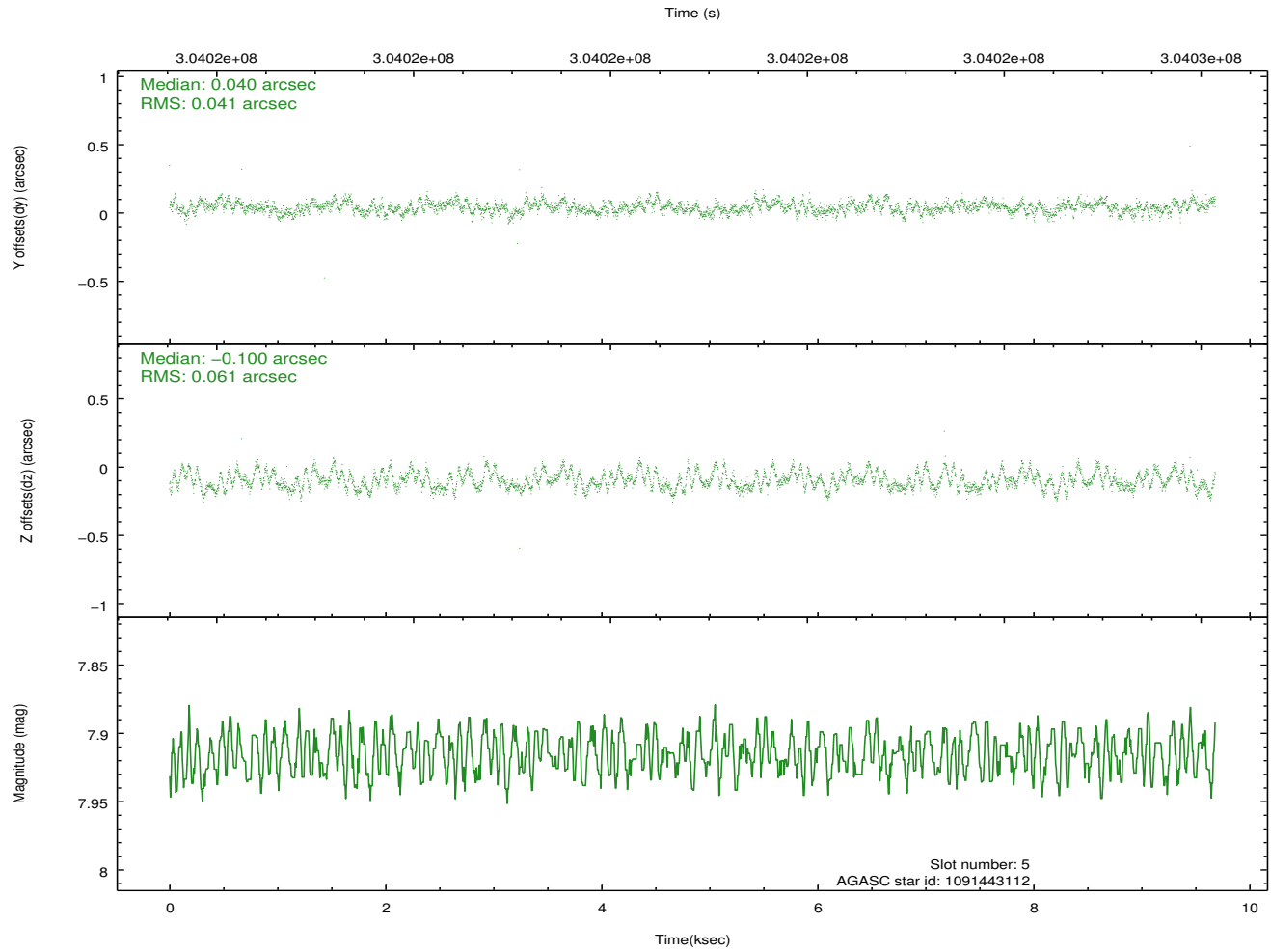
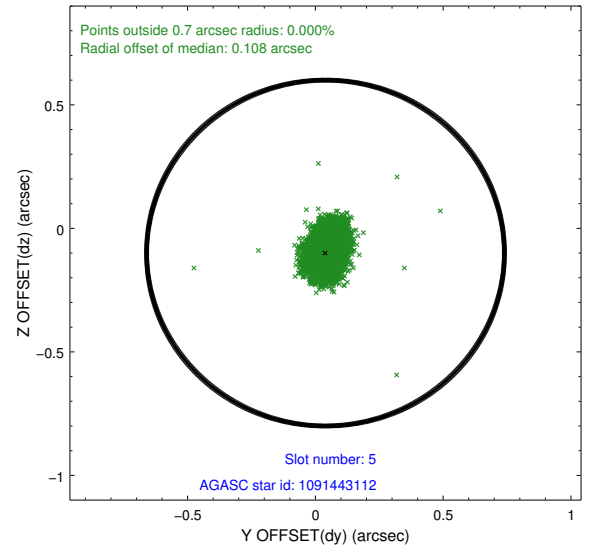
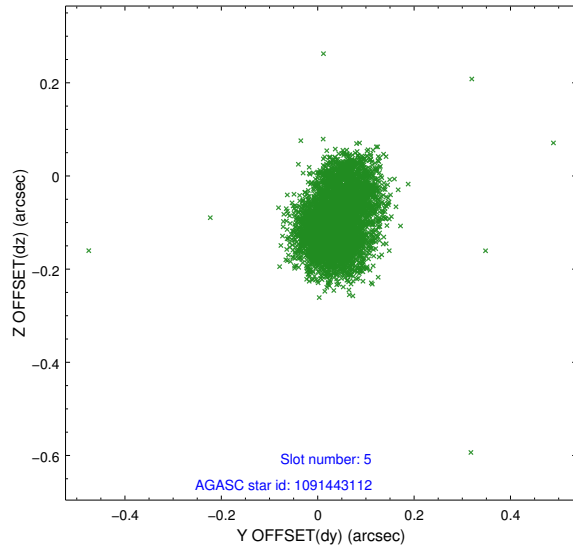
2.4.1 Slot 3



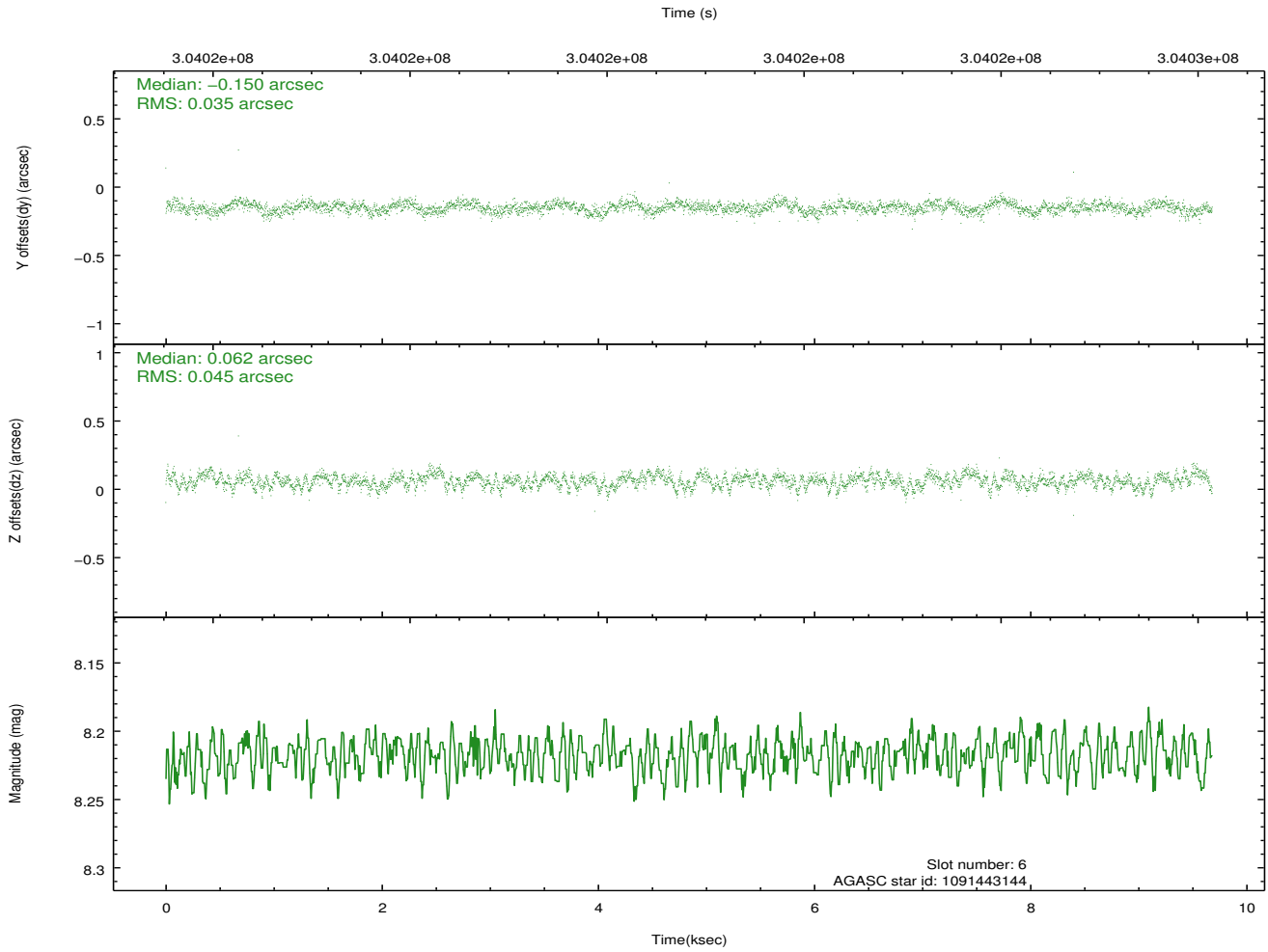
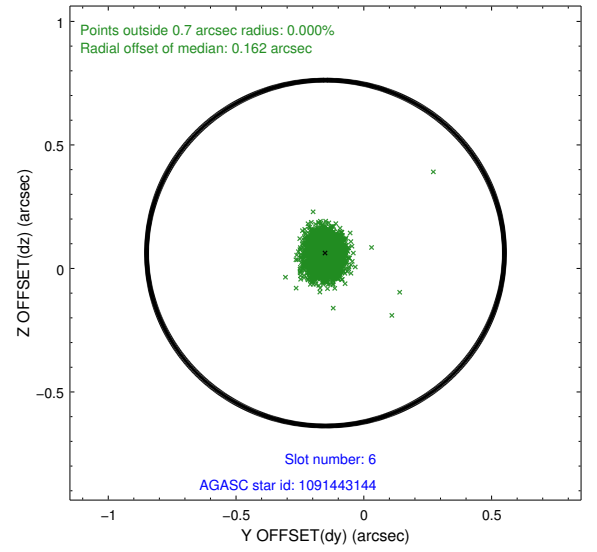
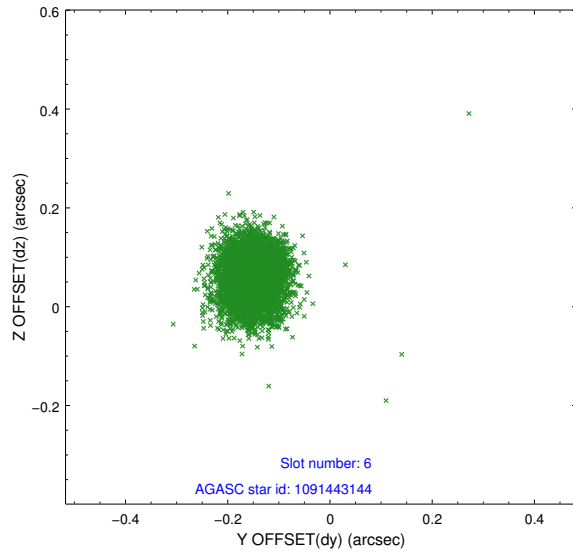
2.4.2 Slot 4



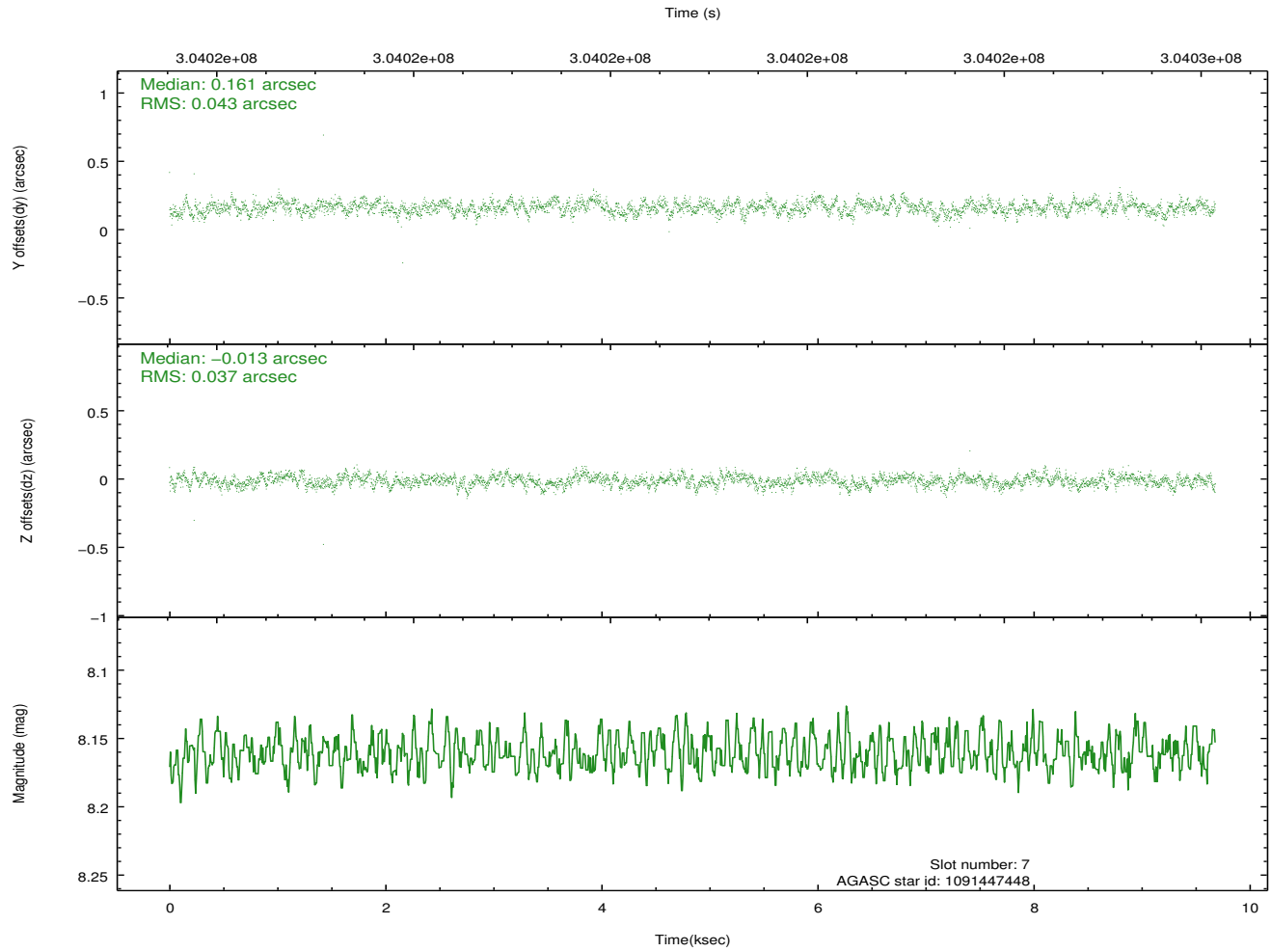
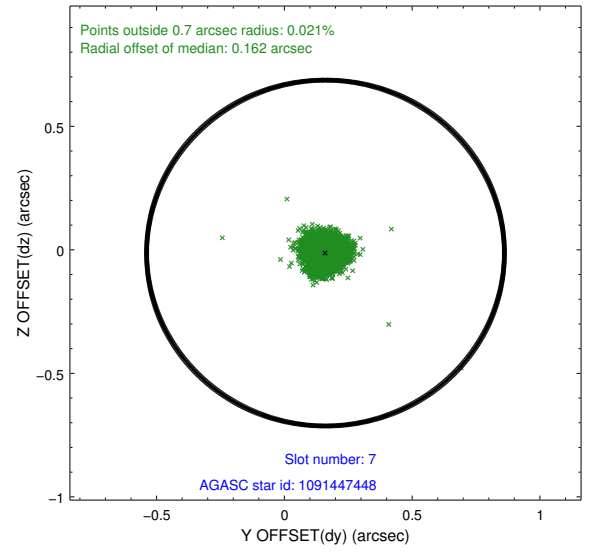
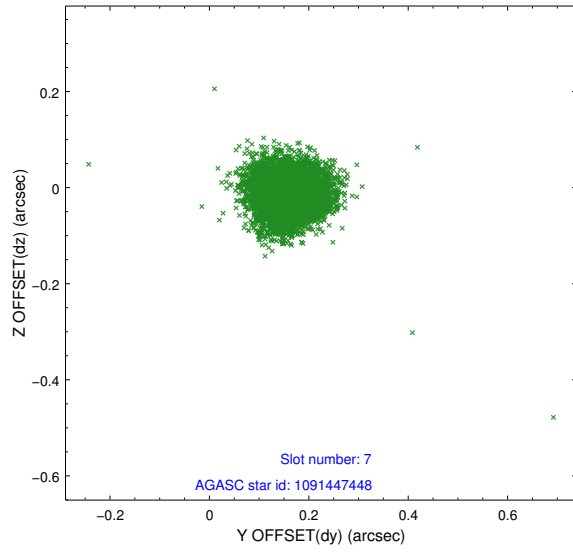
2.4.3 Slot 5



2.4.4 Slot 6

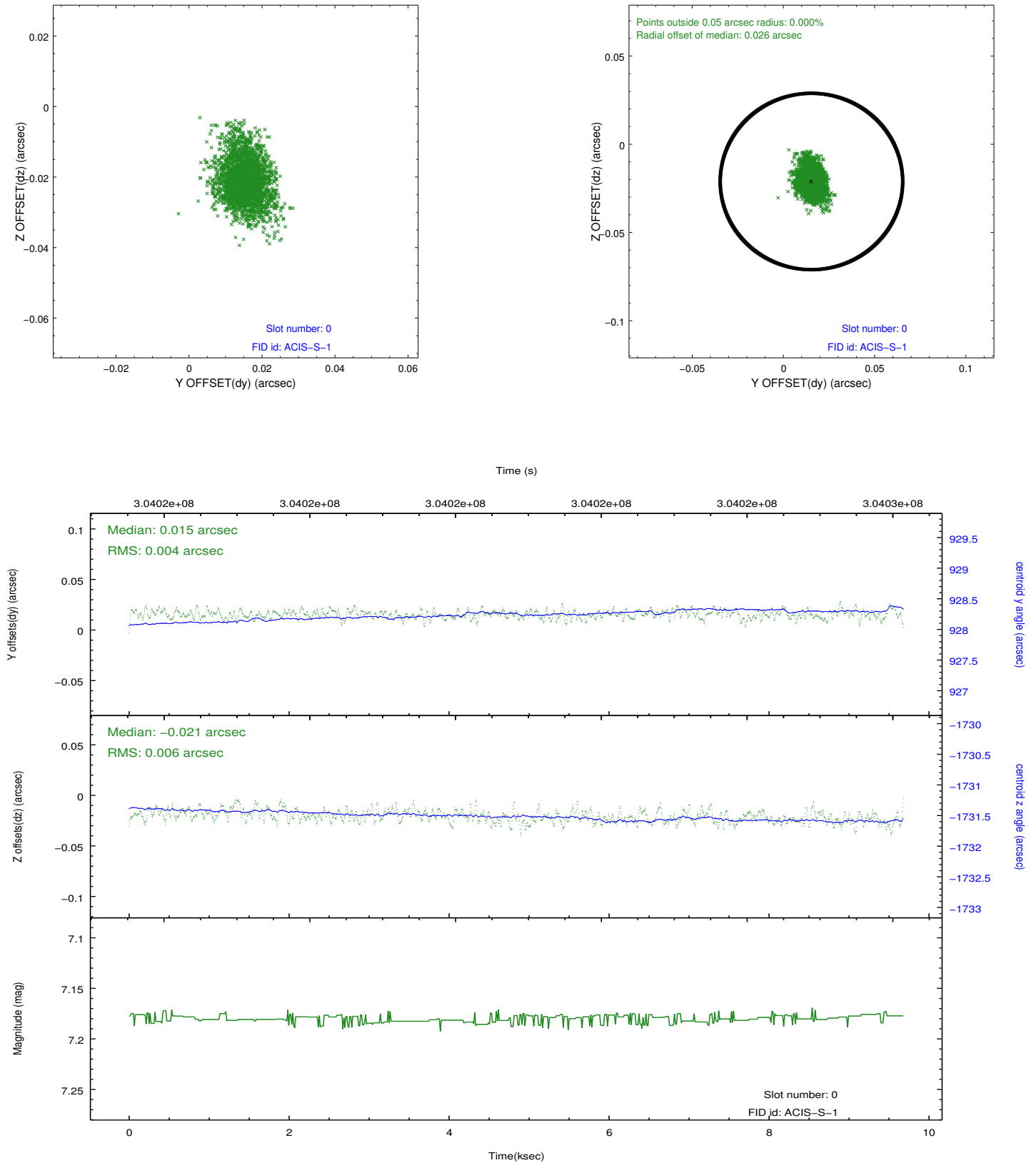


2.4.5 Slot 7

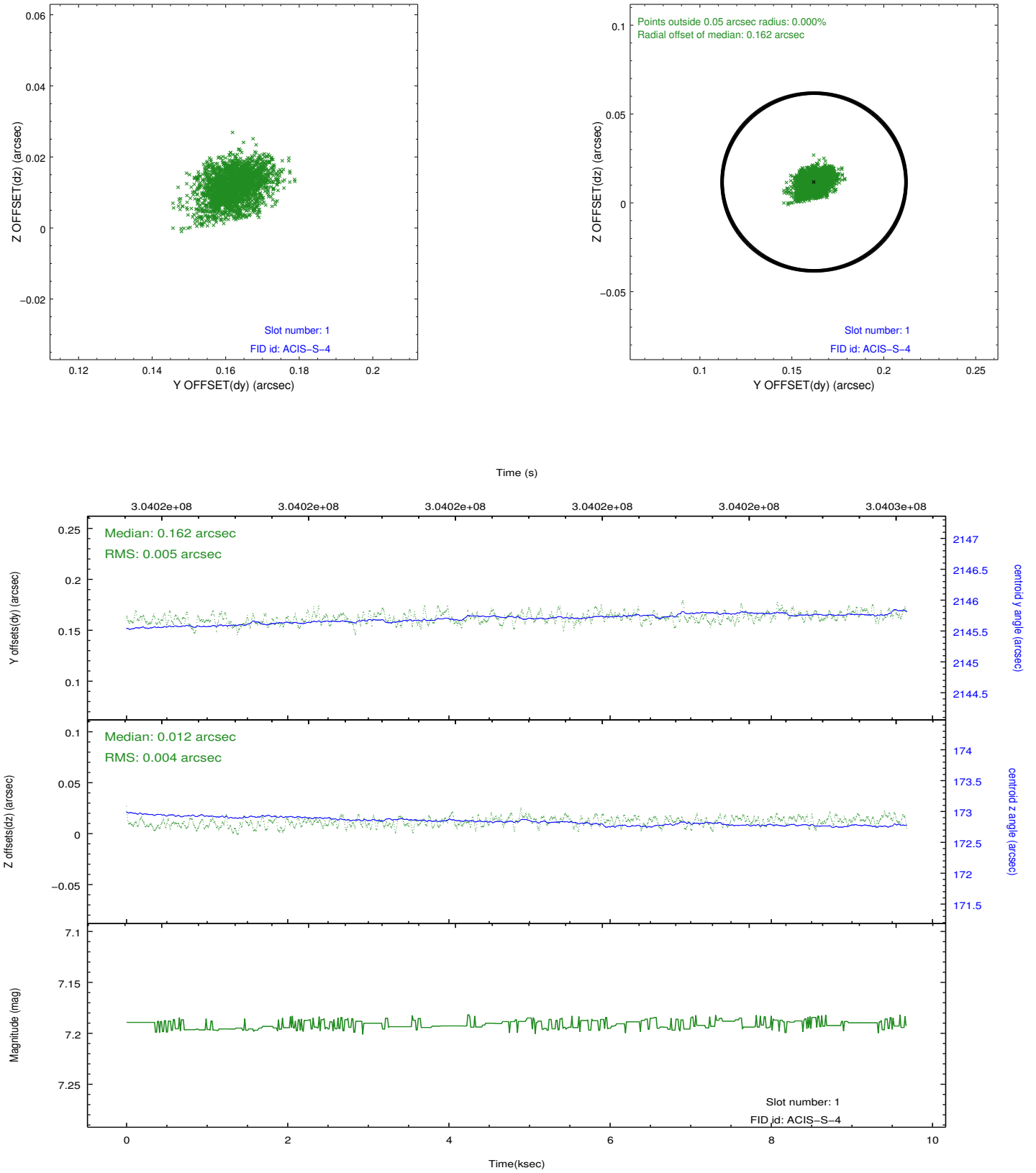


2.5 FID Slots

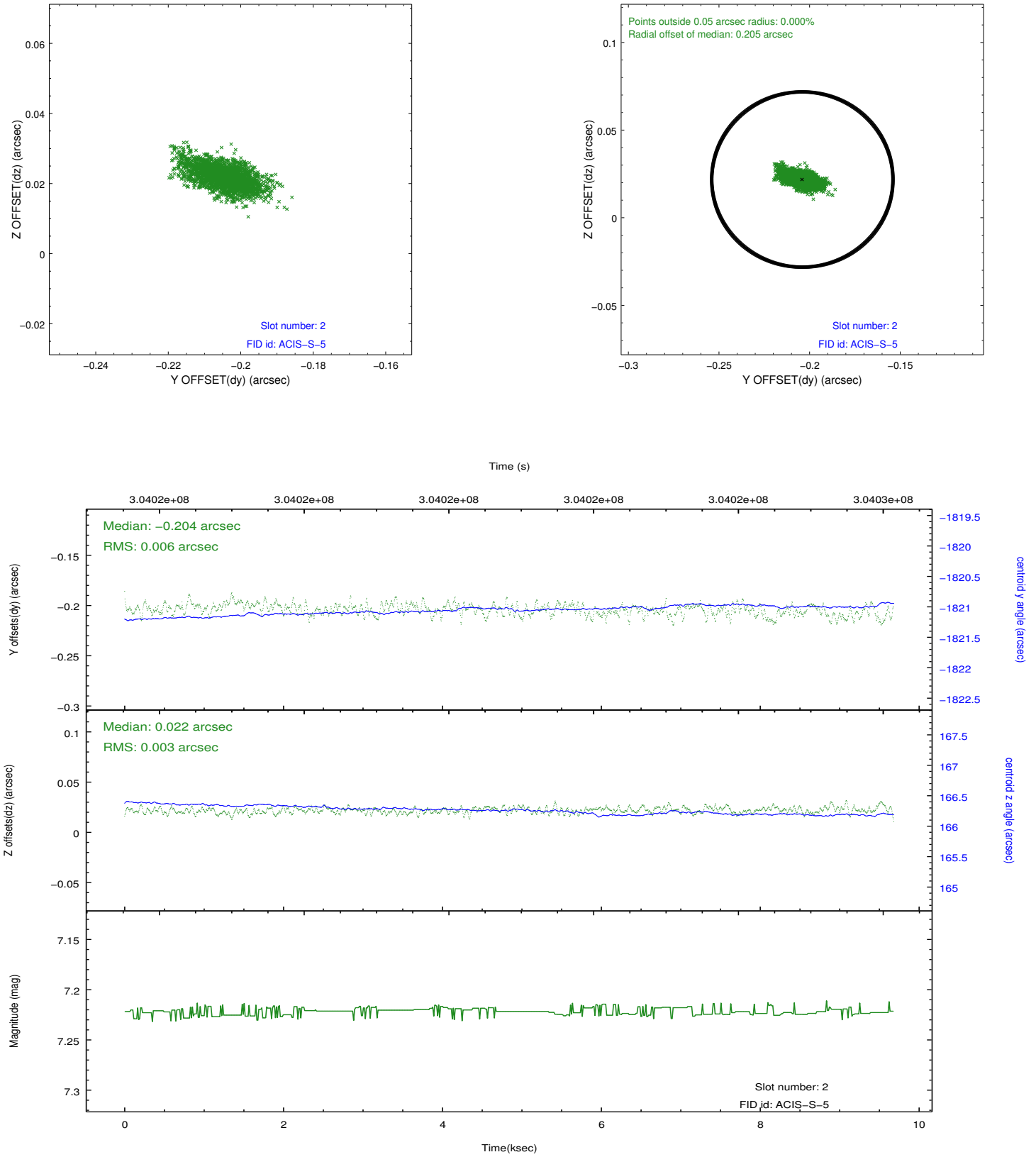
2.5.1 Slot 0



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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.68119942

A.2 Comments

Joint proposal with XMM.