

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9933 - L2 Version 2
Chandra X-Ray Center

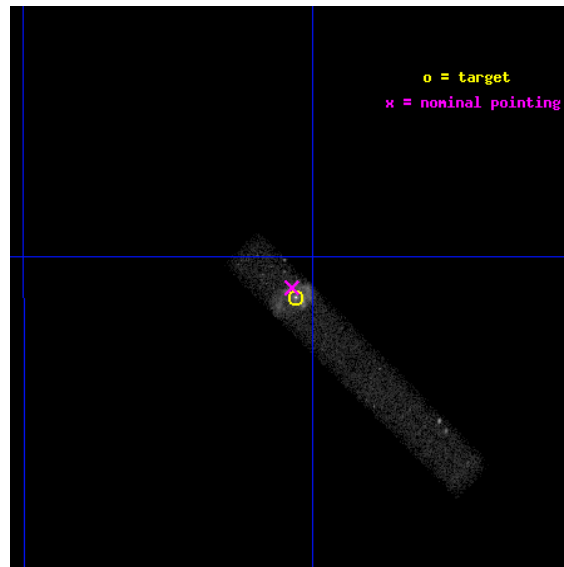
L2 Processing Date : May 28 2012

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1 Front

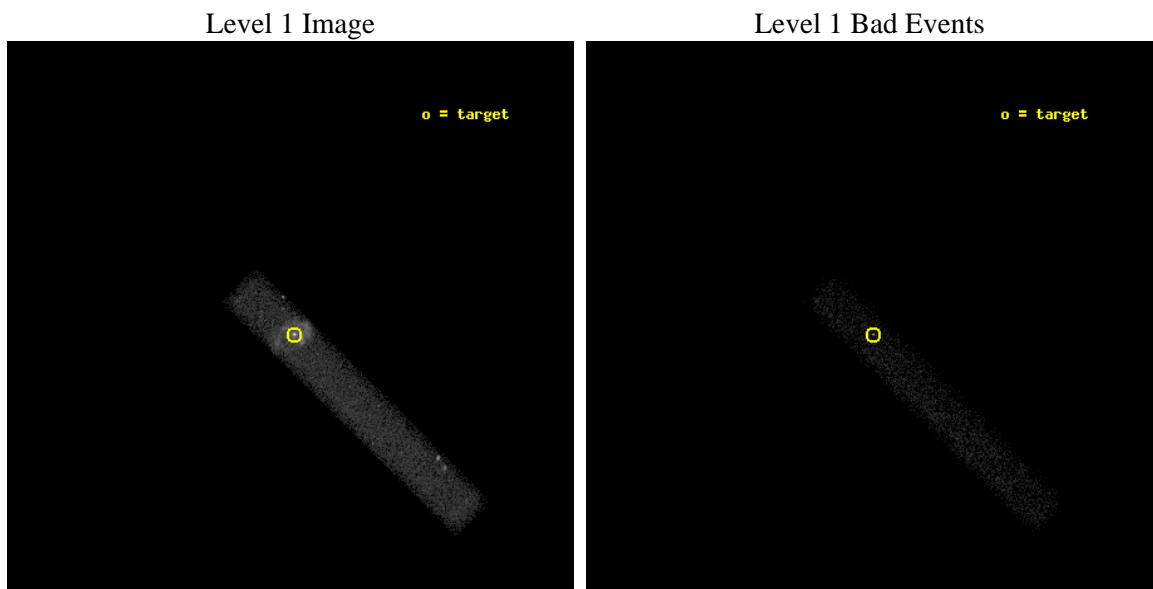
seq_num	200549	Sequence number
obs_id	9933	Observation id
title	X-ray Monitoring of Eta Car in 2009: Unveiling the Deep X-ray Minimum	Proposal title
observer	Dr. Kenji Hamaguchi	Principal investigator
object	Eta Carinae	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.265	Observer's specified target RA [deg]
dec_targ	-59.6845	Observer's specified target Dec [deg]
ra_nom	161.26846420362	Nominal RA [deg]
dec_nom	-59.680410908071	Nominal Dec [deg]
roll_nom	44.659831037148	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15169.199095845	Sum of GTIs [s]
livetime	13757.662883952	Livetime [s]
ontime7	15169.199095845	Sum of GTIs [s]
l2events	34985	Number of level 2 events



2 OBI

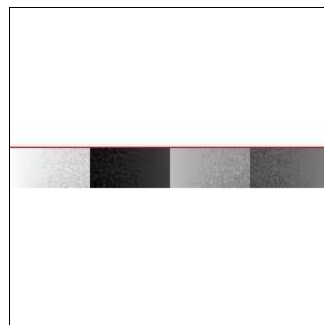
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	15000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	15169.199095845	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	15169.199095845	Sum of GTIs [s]
date	2012-05-29T01:24:44	Date and time of file creation	l1events	53282	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

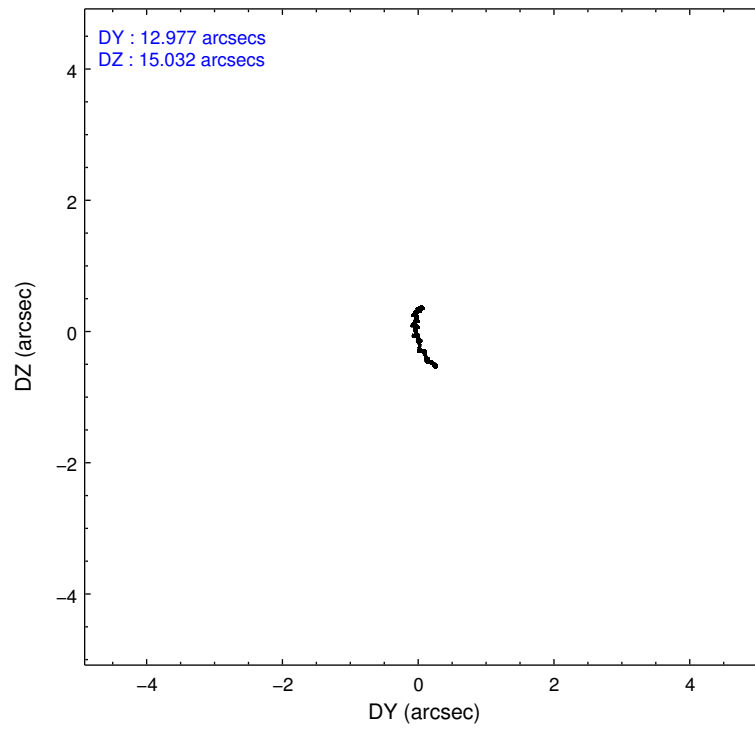
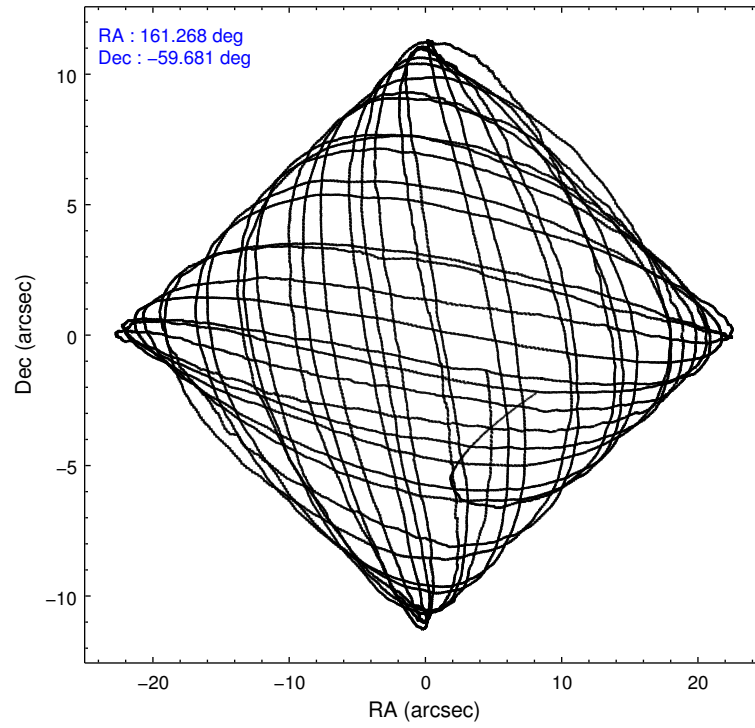
	ccd 7
level 1 events	53282
rejected events	17575
rejected %	32%

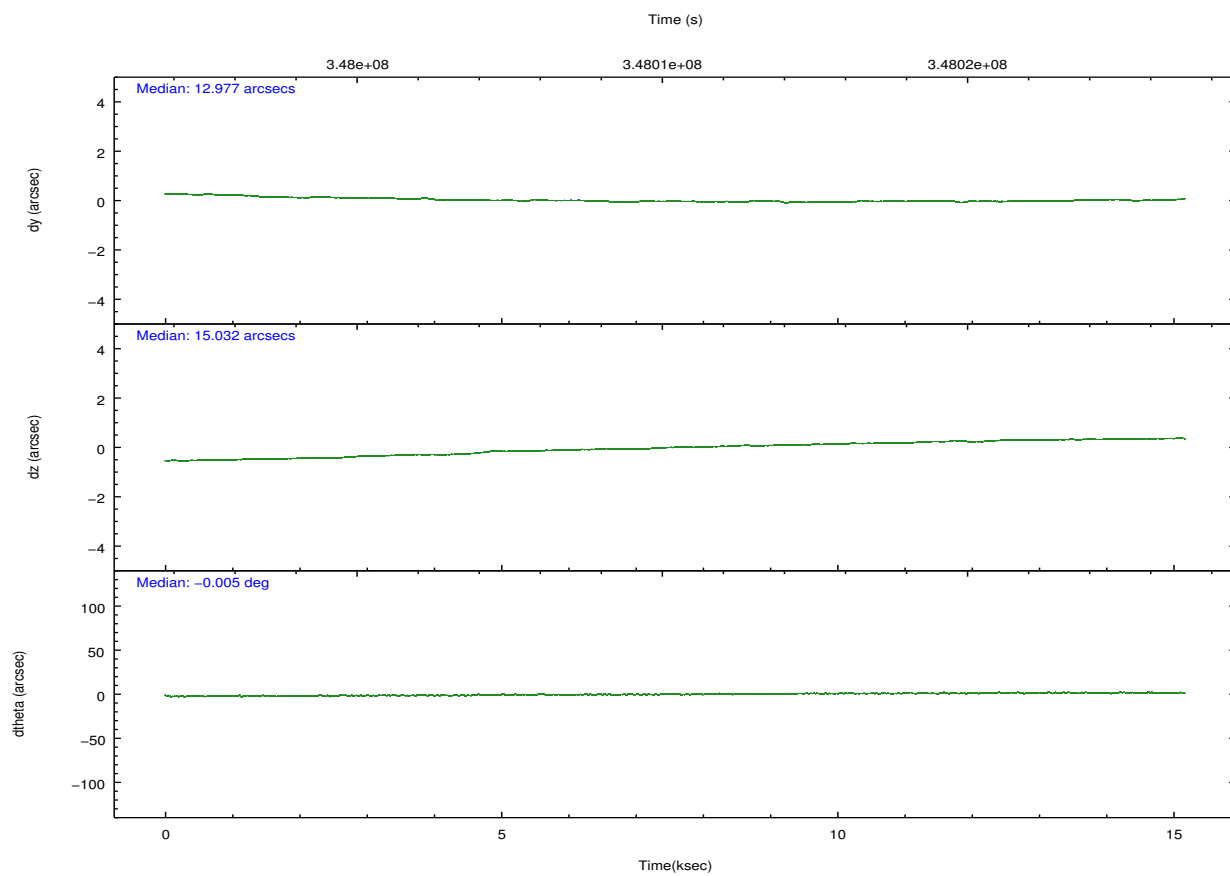
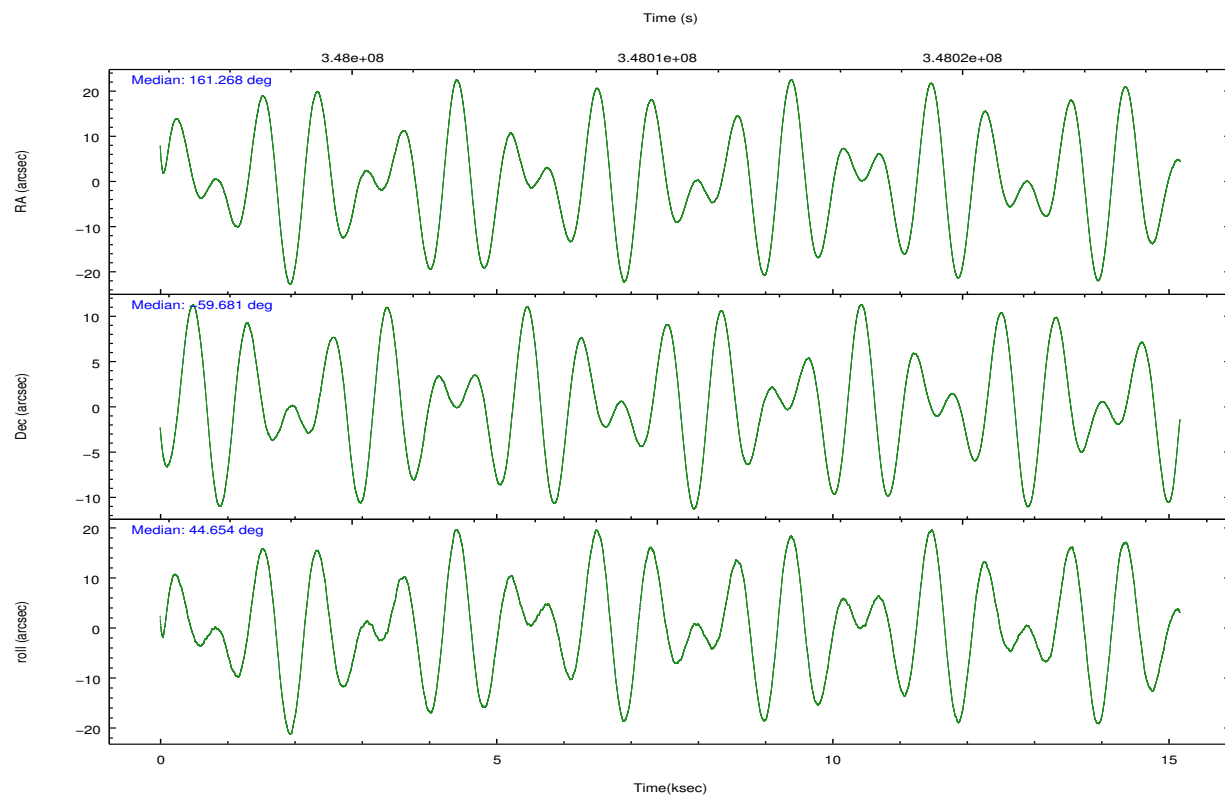
	ccd 7
grade 0 events	7519
	14%
grade 1 events	107
	0%
grade 2 events	8605
	16%
grade 3 events	4399
	8%
grade 4 events	4200
	7%
grade 5 events	3141
	5%
grade 6 events	11839
	22%
grade 7 events	13472
	25%

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	161.254809	161.2684642036186	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-59.706847	-59.68041090807094	Subarray start row	449	449
[deg] Pointing Roll	44.491420	44.65983103714831	Subarray row count	128	128
[s] Window start time (MET)	348019266.184000	348019266.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	350092866.184000	350092866.184000	[s] Primary exposure time	0.000000	0.4
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-189.840023	-189.8383482136847			
[mm] SIM translation stage offset	-0.2925	-0.294174369323116			
[s] Observation start time (MET)	348002789.184000	348001753.63954			
Observation start date	2009-01-10T19:25:23	2009-01-10T19:09:13			
[s] Observation end time (MET)	348017789.184000	348018708.67788			
Observation end date	2009-01-10T23:35:23	2009-01-10T23:51:48			
Read mode	TIMED	TIMED			

2.3 Aspect



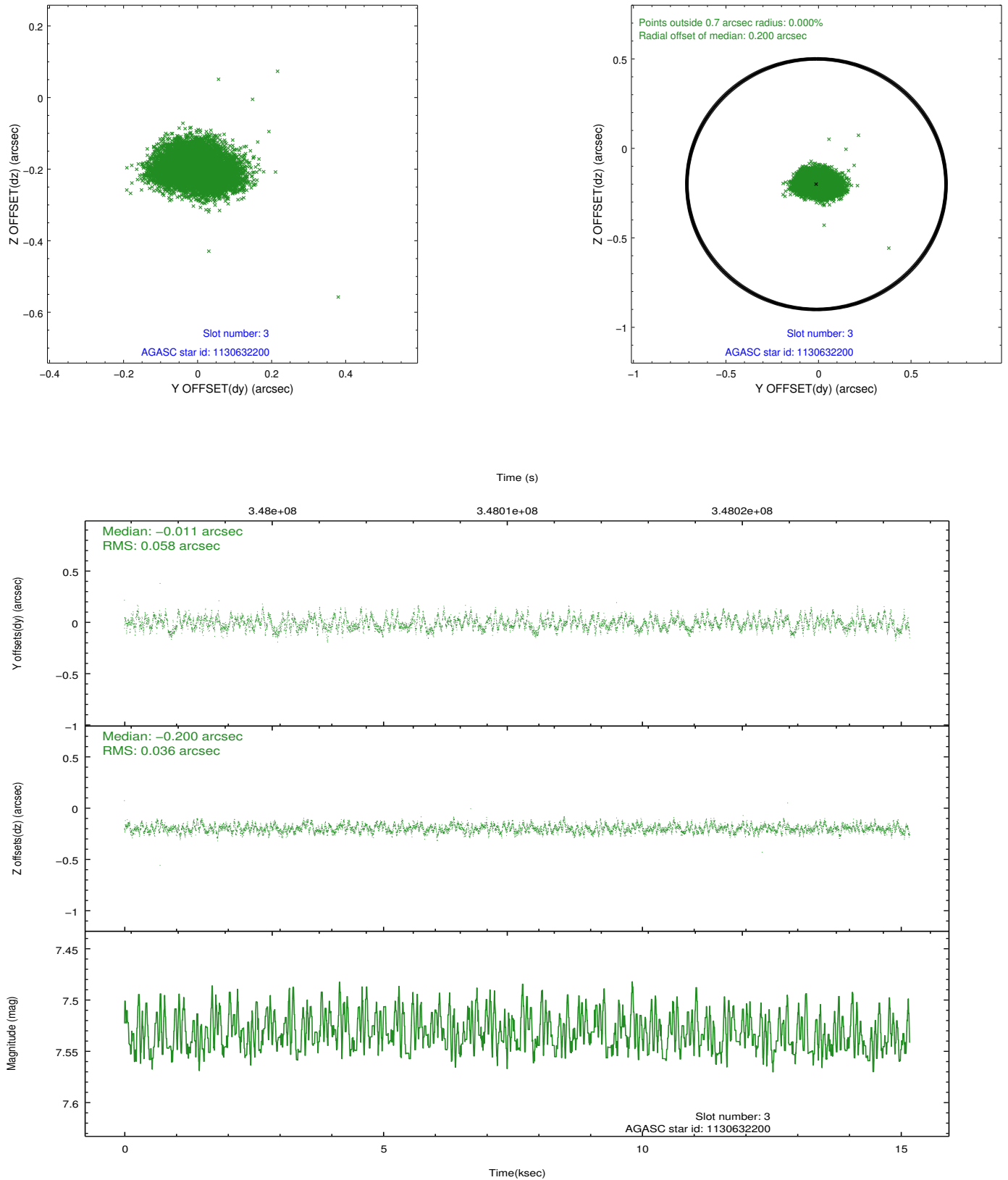


Slot Statistics

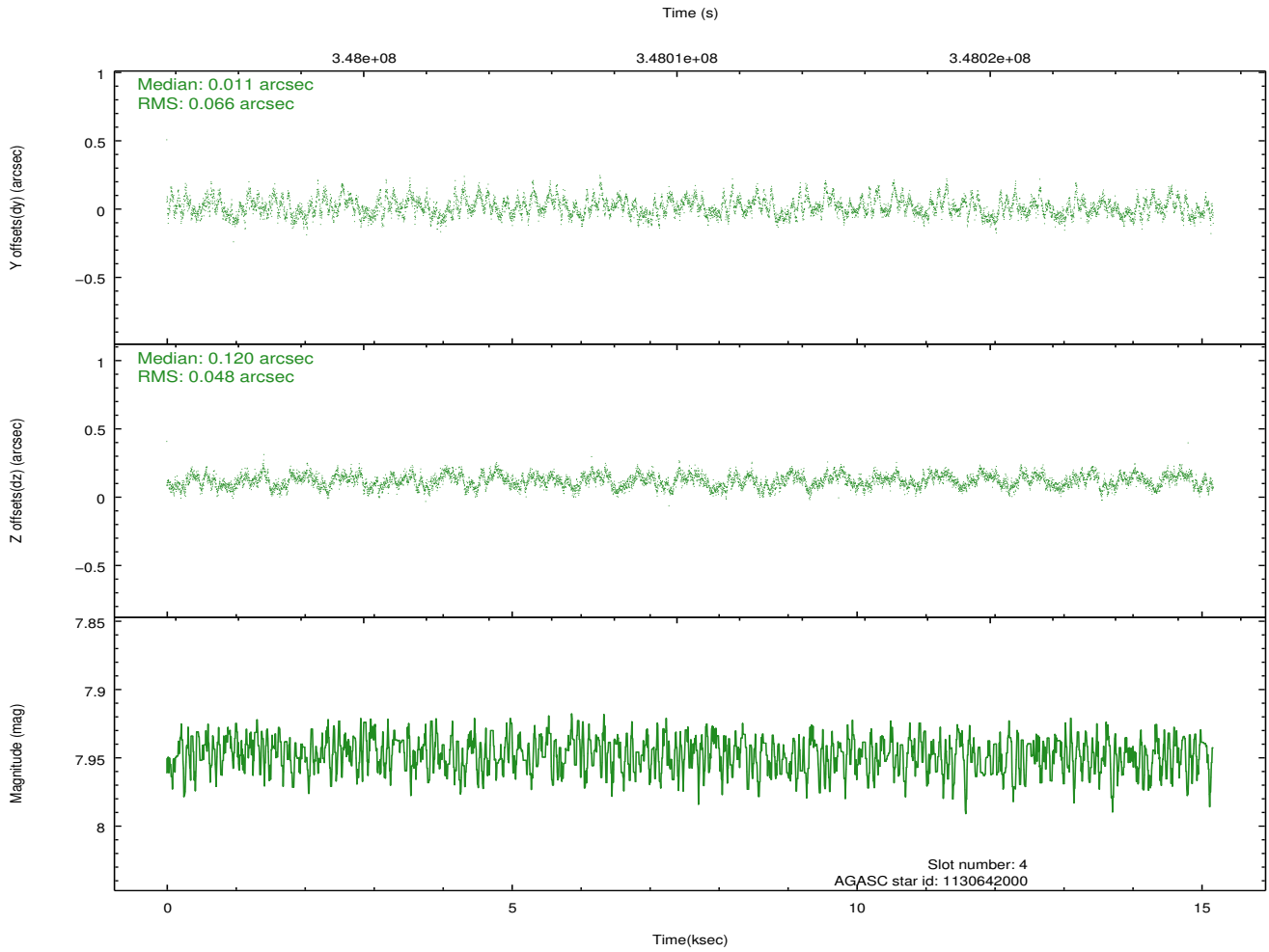
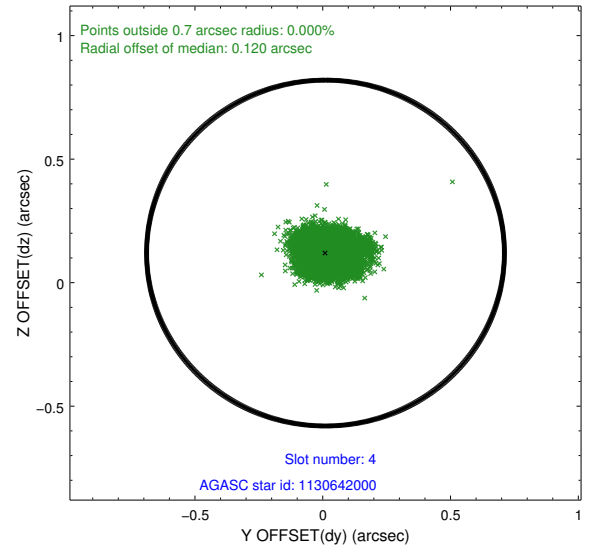
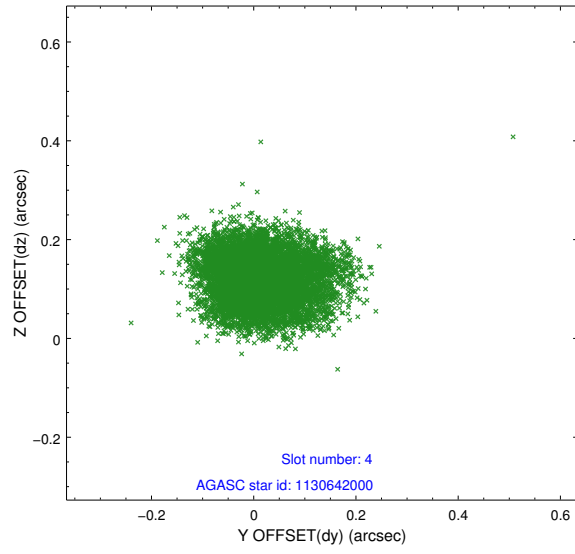
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	3700	0.068	-0.086	0.012	0.021	0.000000	0.000000	930.19	-1738.31
1	FID	ACIS-S-4	6.97	3700	0.112	0.031	0.011	0.022	0.000000	0.000000	2147.81	165.65
2	FID	ACIS-S-5	7.00	3700	-0.209	0.067	0.009	0.015	0.000000	0.000000	-1818.57	159.63
3	GUIDE	1130632200	7.53	7401	-0.011	-0.200	0.072	0.116	161.433843	-59.407820	988.37	537.98
4	GUIDE	1130642000	7.95	7401	0.011	0.120	0.086	0.138	162.836255	-59.743891	1929.50	-2129.00
5	GUIDE	1130643264	6.66	7401	-0.025	-0.147	0.081	0.135	160.322990	-59.676912	-1140.50	1255.06
6	GUIDE	1130640672	8.28	7398	-0.020	0.050	0.085	0.133	162.096044	-59.540805	1507.43	-655.68
7	GUIDE	1174012960	7.16	7400	0.038	0.176	0.049	0.080	160.855674	-60.332270	-2086.06	-1109.06

2.4 Star Slots

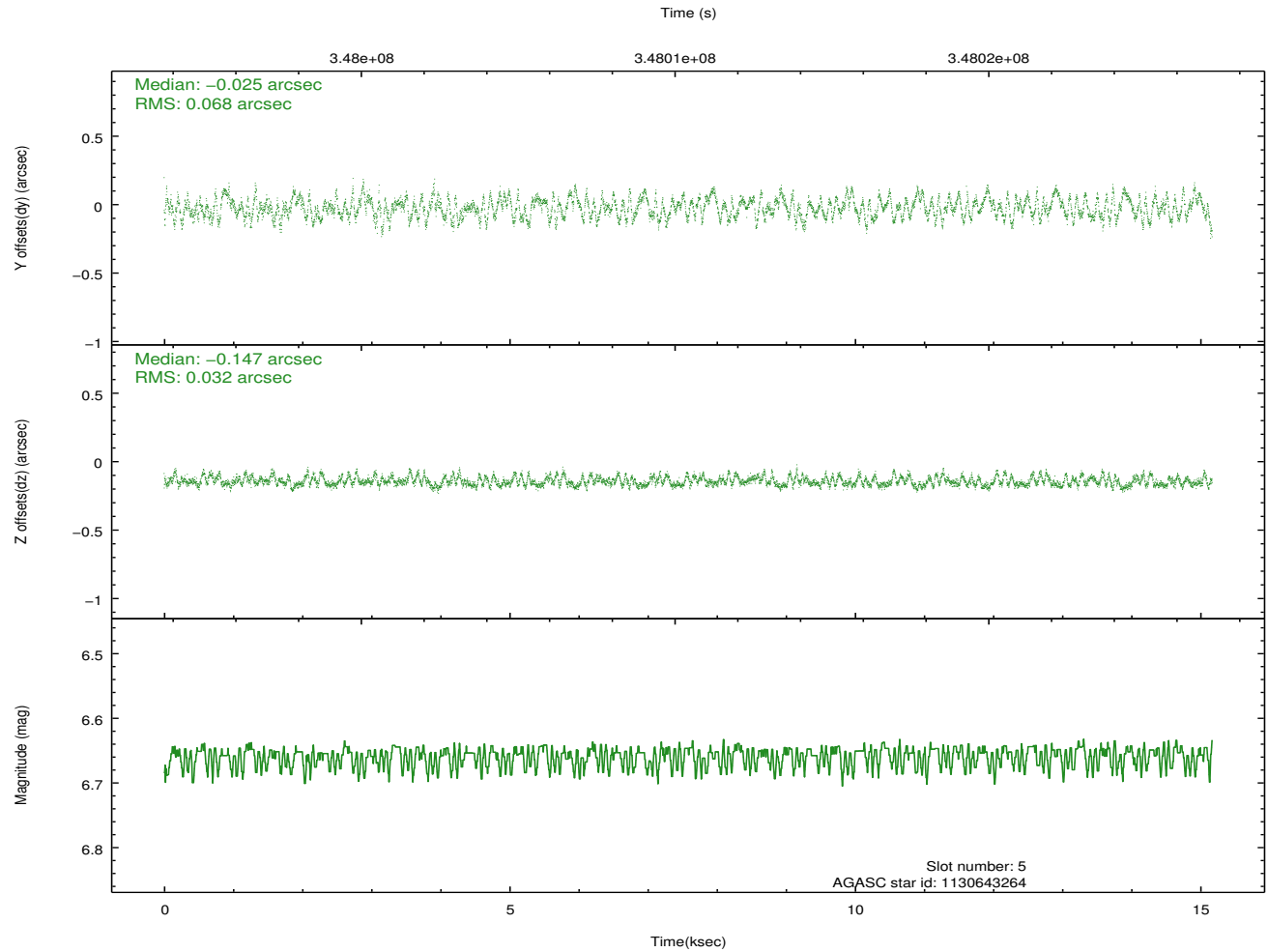
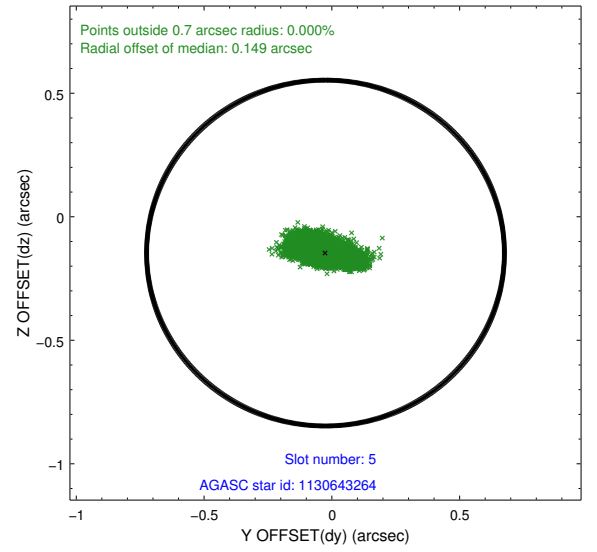
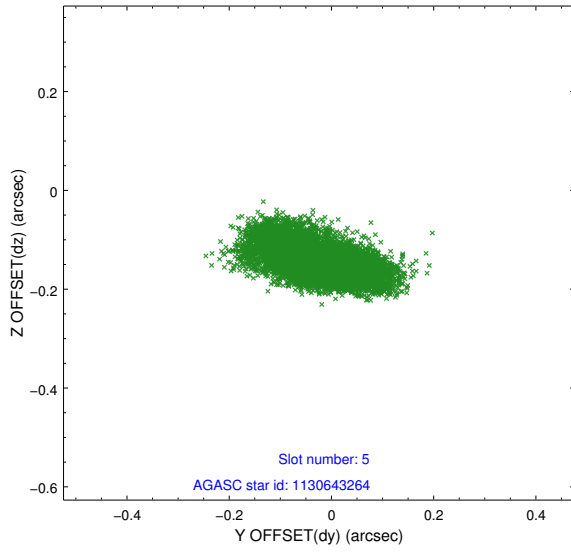
2.4.1 Slot 3



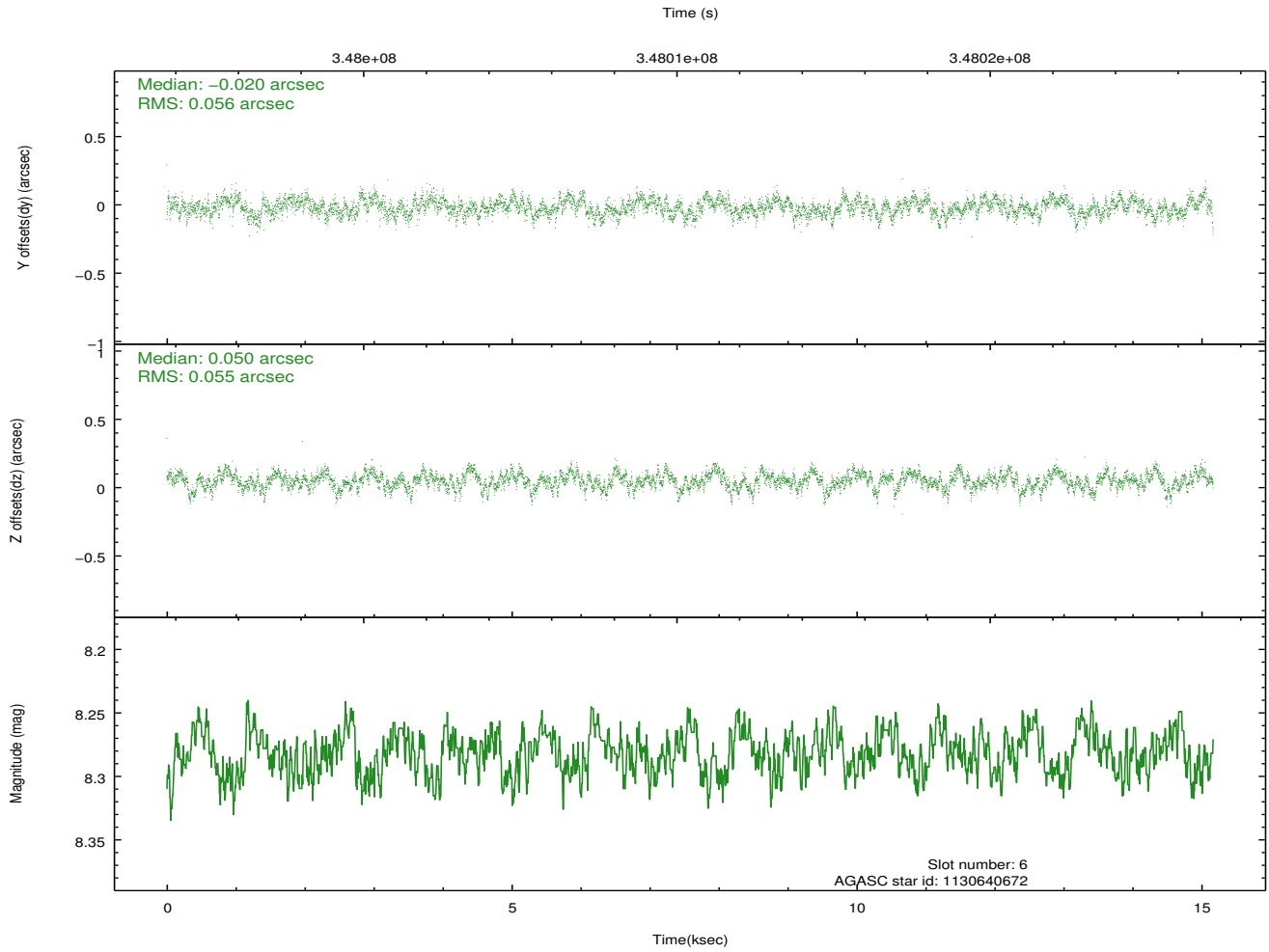
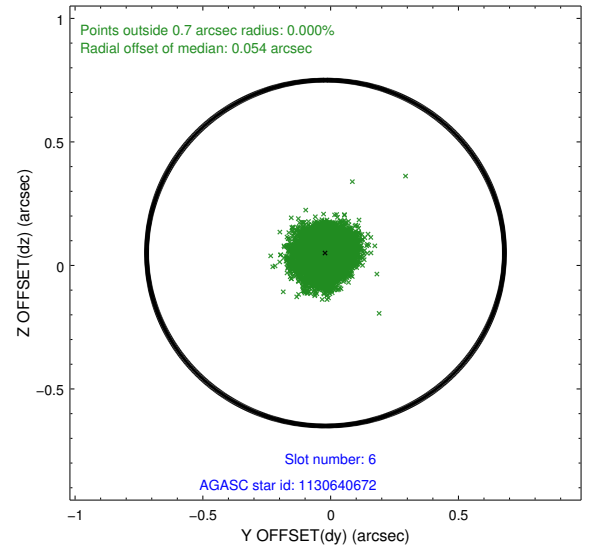
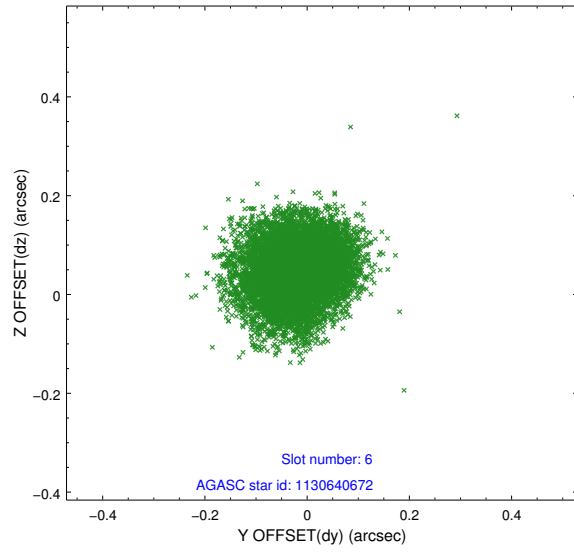
2.4.2 Slot 4



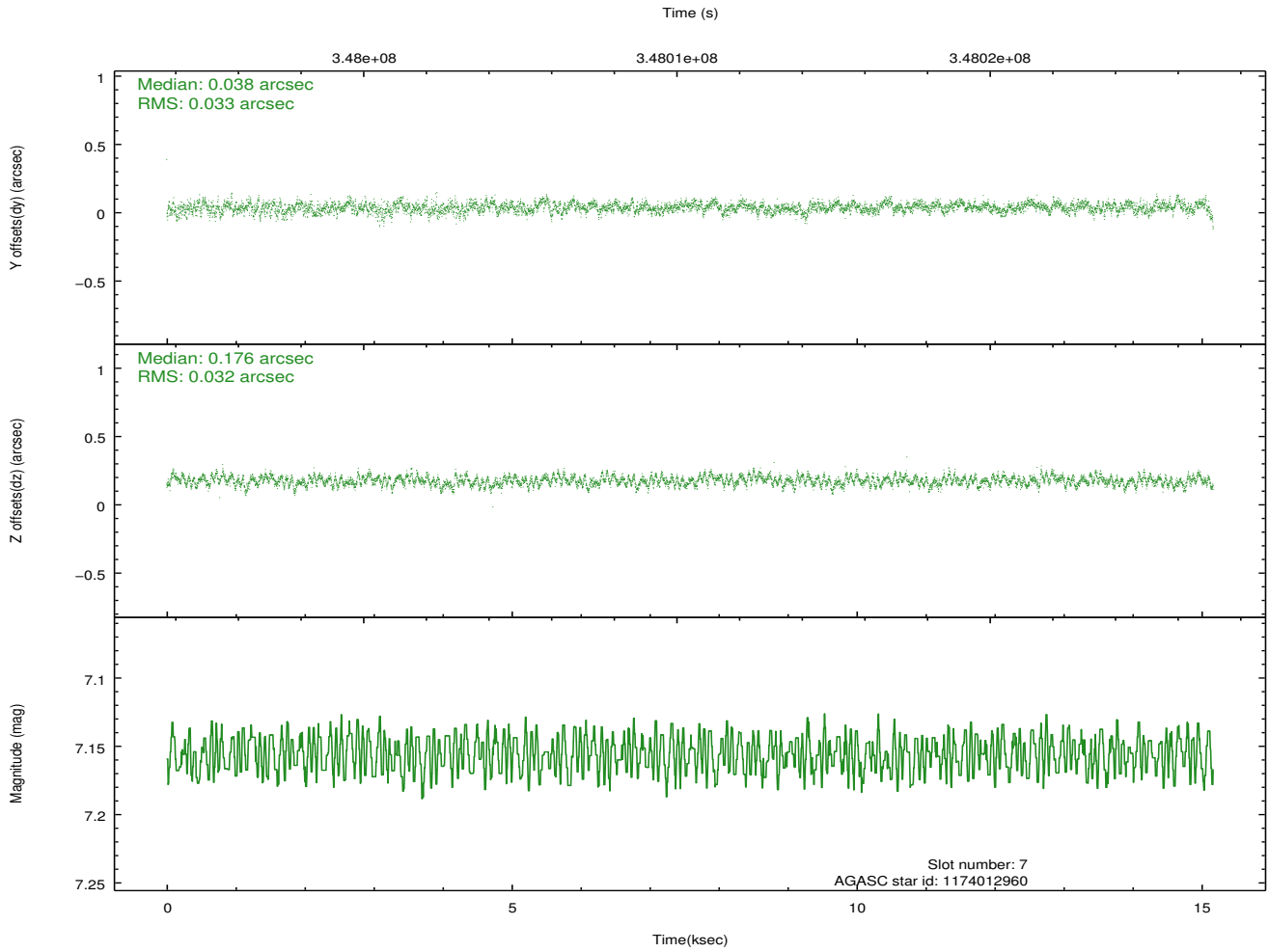
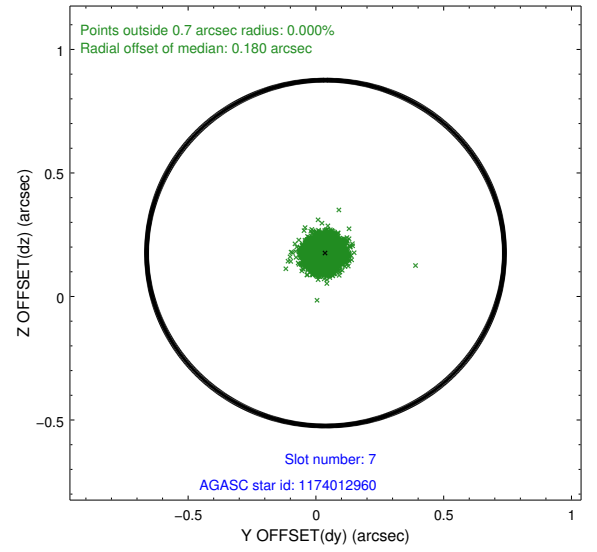
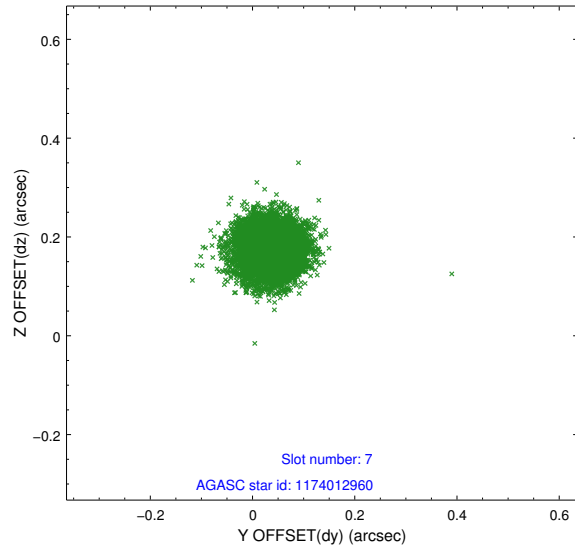
2.4.3 Slot 5



2.4.4 Slot 6

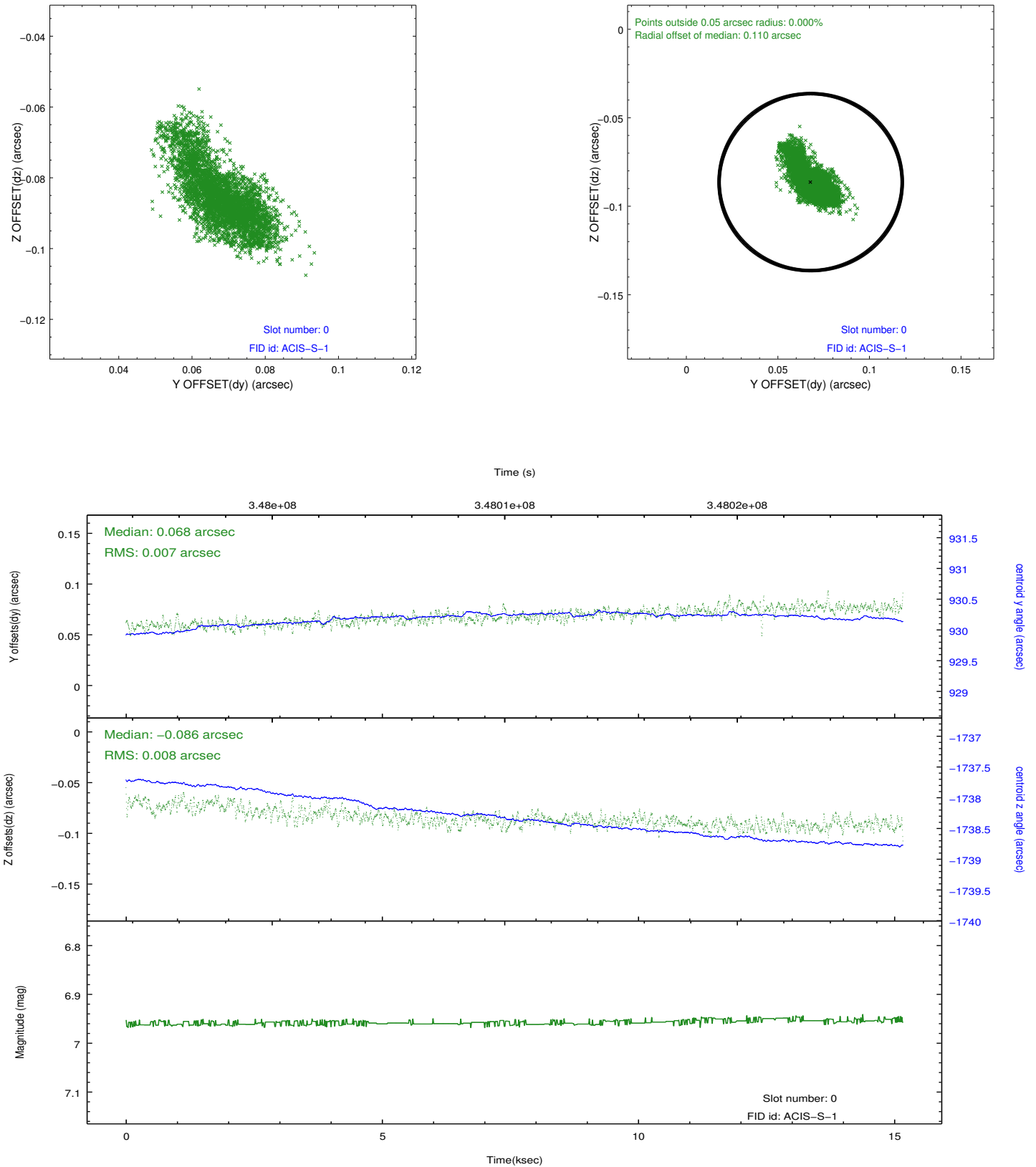


2.4.5 Slot 7

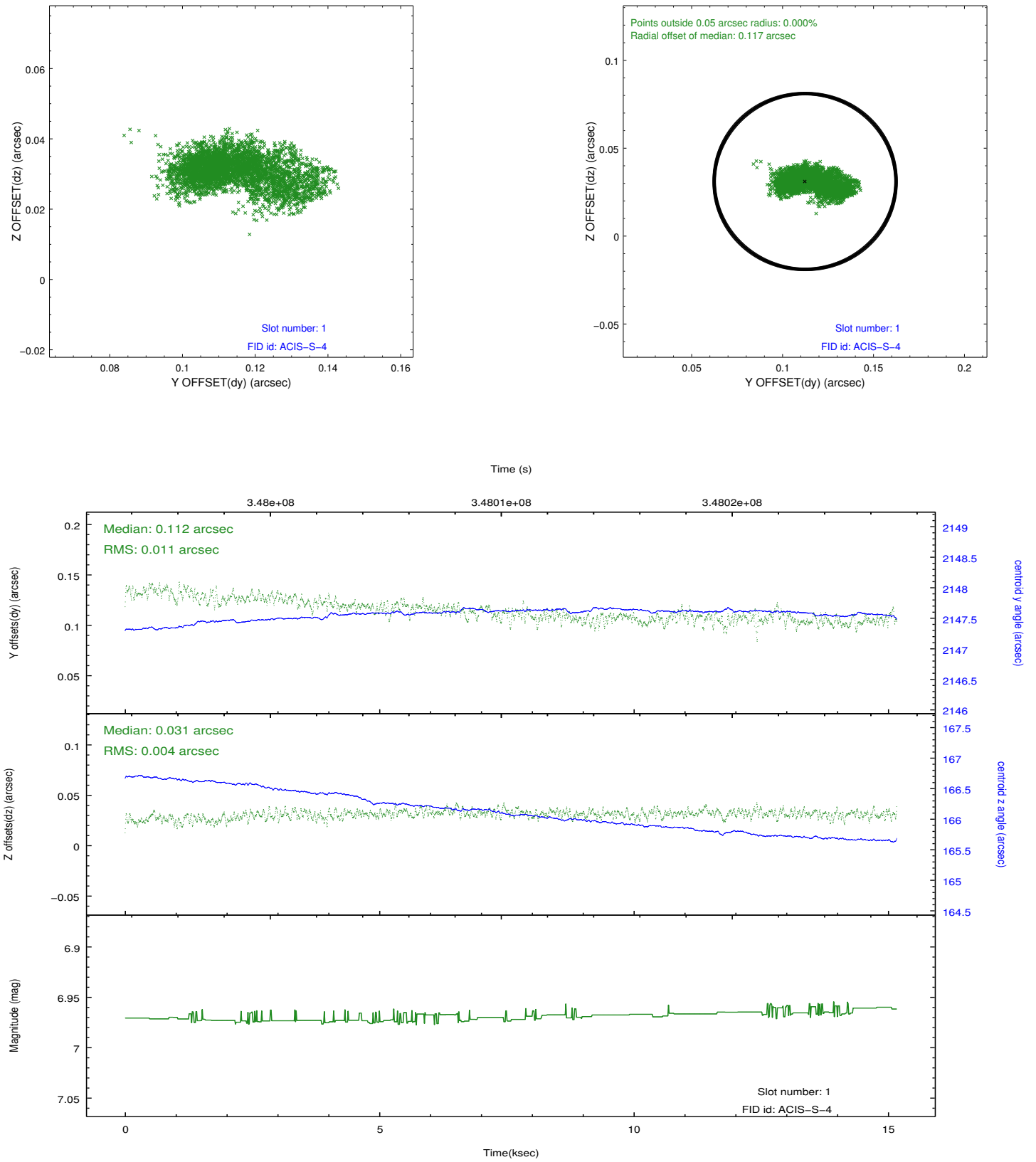


2.5 FID Slots

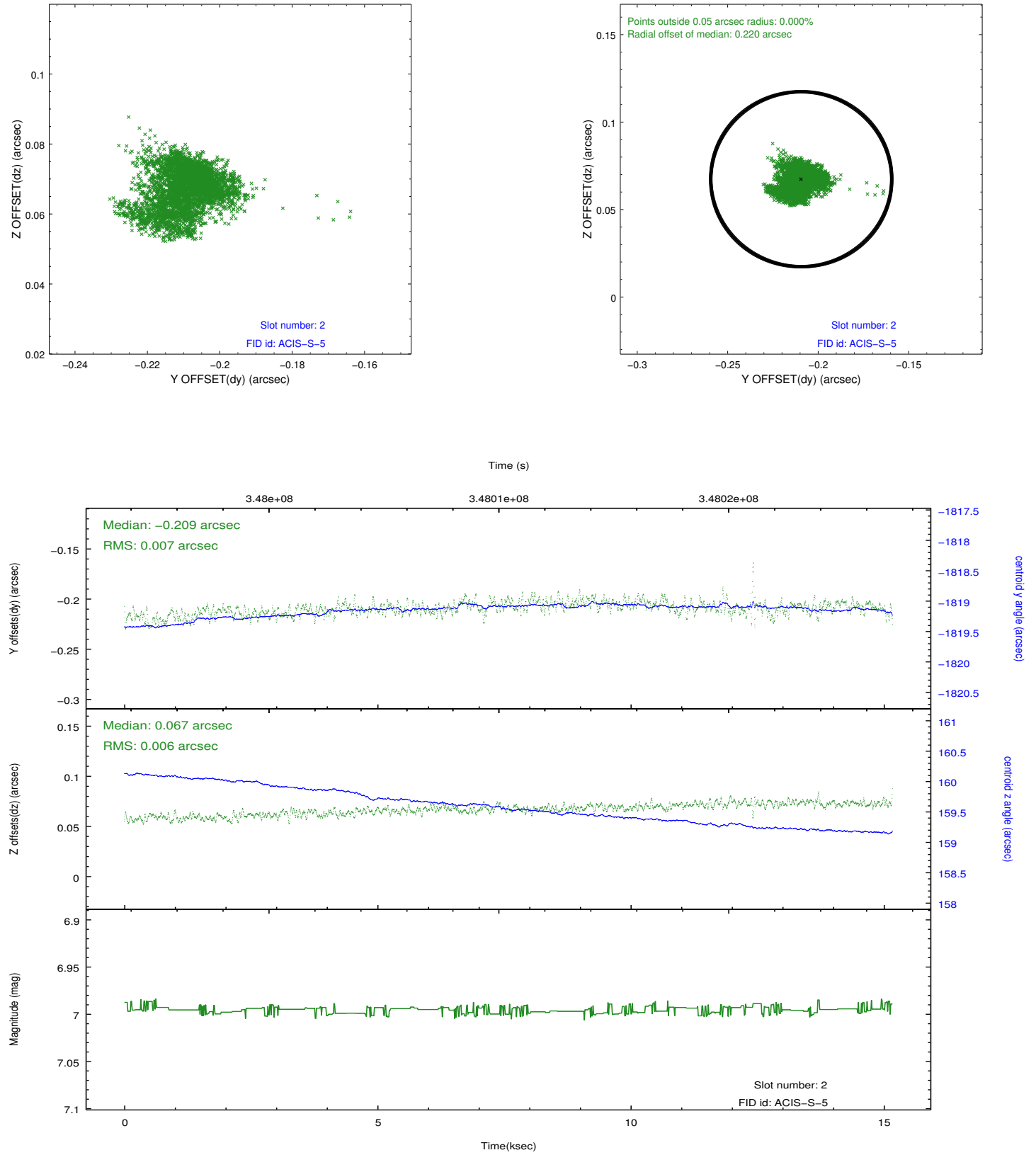
2.5.1 Slot 0



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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.169199

A.2 Comments

Joint proposal with XMM.

Window constraint was not met.