GammaLib - Feature #1066

Check of GCTAModelBackground GModelSpatialDiffuseCube center and coverage of roi

01/08/2014 07:00 PM - Gerard Lucie

Status:	New		**Start date:**	01/08/2014
Priority:	Normal		**Due date:**	
Assigned To:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

When using GCTAModelBackground with a GModelSpatialDiffuseCube the center of the background sky map is read in the background fits file.
Considering that those sky map are reflecting the instrument function:
- Shouldn't we check that the background sky map center corresponds to the center of the GObservation to which this background model is applied?
- Shouldn't we request the GObservation::m_events roi to be completely covered by the background map (if roi is not covered at all the procedure stops because the number of nodes is zero)