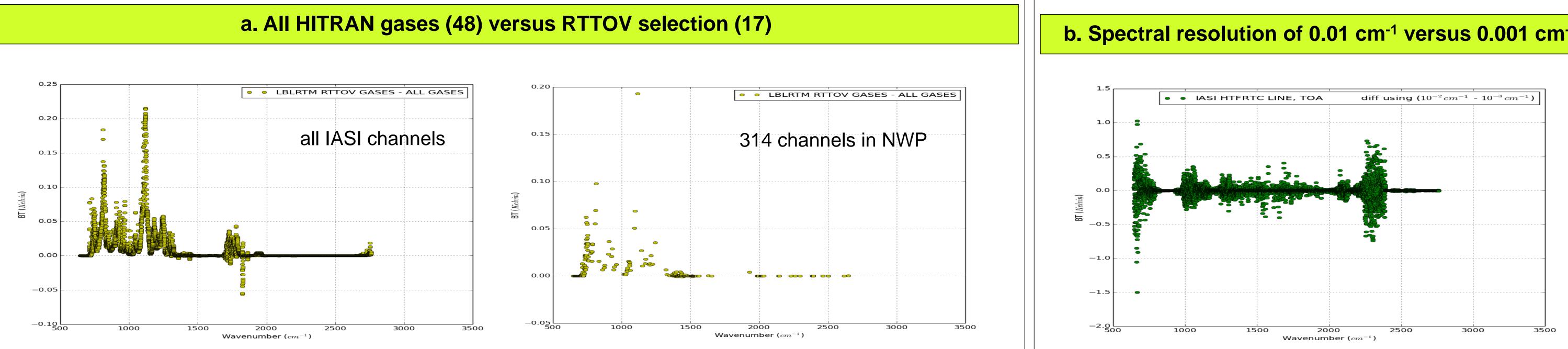
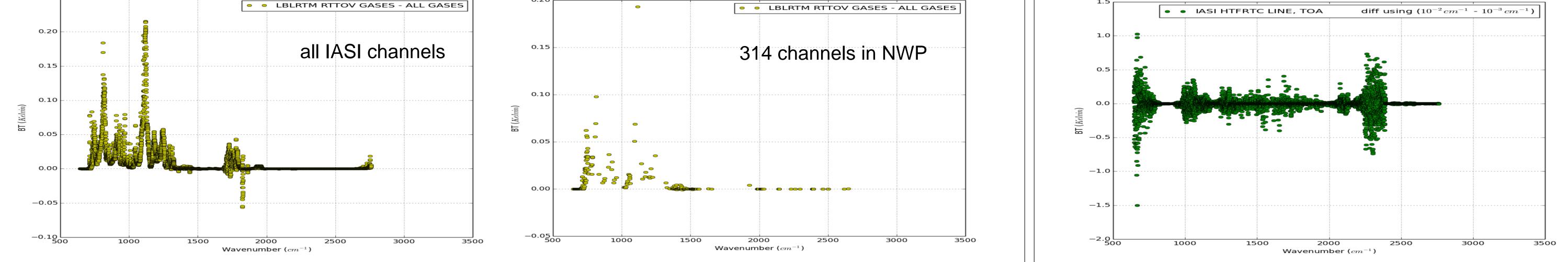
Global comparisons of IASI radiance simulations with LBLRTM, RTTOV, the Havemann-Taylor Fast Radiative Transfer Code (HT-FRTC) and its monochromatic version Met Office Stephan Havemann and Jean-Claude Thelen

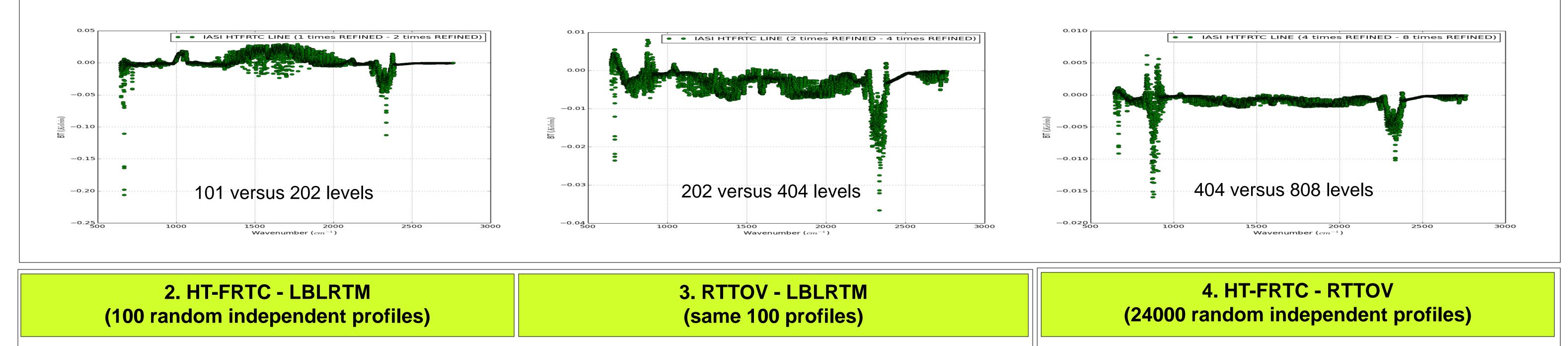
1. Potential sources of differences between models (for the comparisons the assumptions are identical across models, i.e. 17 RTTOV gases, 0.001 cm⁻¹, 91 levels)



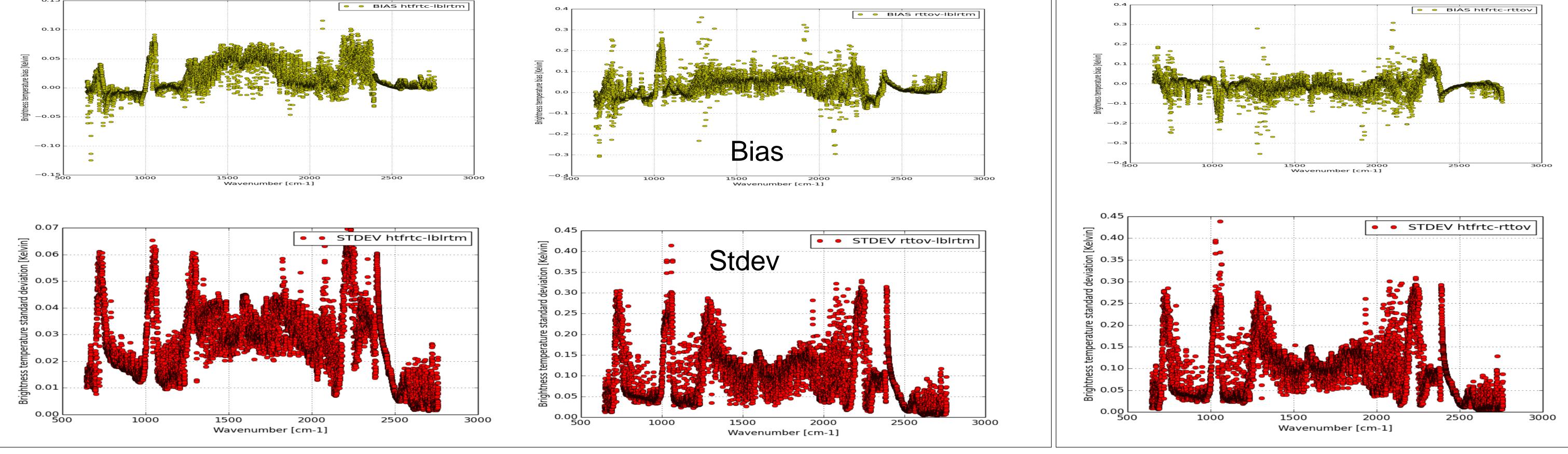
b. Spectral resolution of 0.01 cm⁻¹ versus 0.001 cm⁻¹



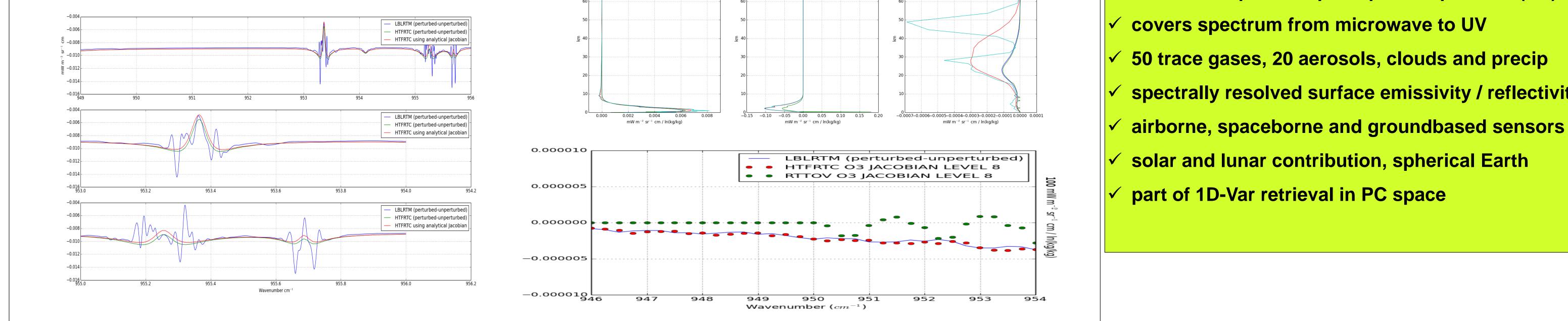
c. Vertical resolution of the atmospheric profiles

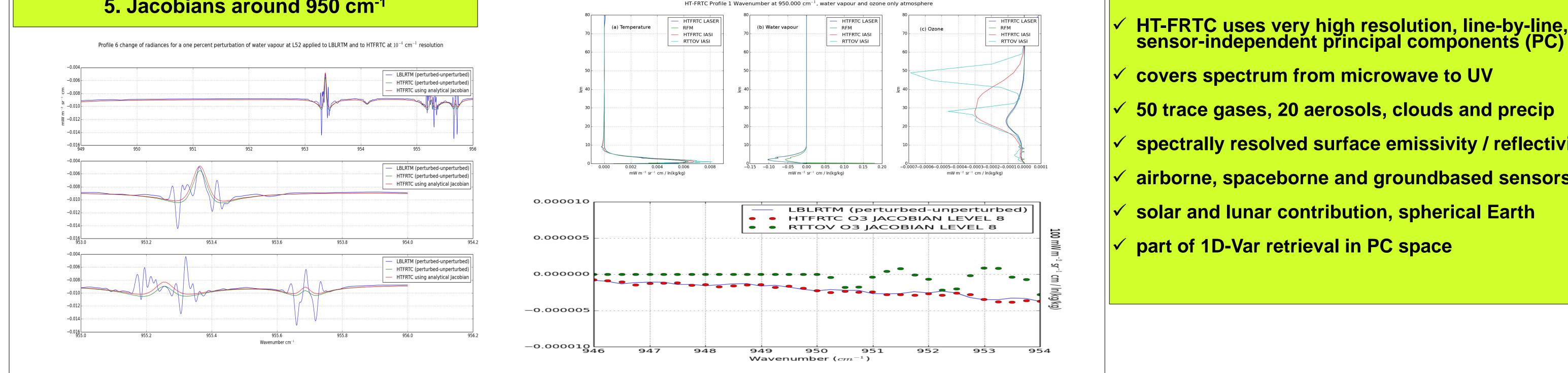


				0.4	BIAS httrtc-ibirtm		
1	1	1		0.4		-	
			1	1			
BIAS rttov-lblr	 -	-	1	1		-	
			1	1			



5. Jacobians around 950 cm⁻¹





- spectrally resolved surface emissivity / reflectivity

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