NSGS-AC-GP $tol_{local} = 10^{-06}$	 NSGS-FP-VI-UPK $tol_{local} = 10^{-06}$	
NSGS-AC-GP $tol_{local} = 10^{-08}$	 NSGS-FP-VI-UPK $tol_{local} = 10^{-08}$	
NSGS-AC-GP $tol_{local} = 10^{-10}$	 NSGS-FP-VI-UPK $tol_{local} = 10^{-10}$	
NSGS-AC-GP $tol_{local} = 10^{-12}$	NSGS-FP-VI-UPK $tol_{local} = 10^{-12}$	
NSGS-AC-GP $tol_{local} = 10^{-14}$	NSGS-FP-VI-UPK $tol_{local} = 10^{-14}$	
NSGS-AC-GP $tol_{local} = 10^{-16}$	 NSGS-FP-VI-UPK $tol_{local} = 10^{-16}$	