

Horizontal scale of perturbation	Vertical wavenumber	True frequency (analytic)	Horizontal grid distance (d)	Numerical frequency			
				Z grid	C grid	CD grid	D grid
				\tilde{B}, D, ω_z	\tilde{B}, D, ω_z	\tilde{B}, D, ω_z	\tilde{B}, D, ω_z
$L = 4$ km	$n = 320$	18.84724224	50 m	18.84578676	18.84578676	18.81193205	18.81193205
	$n = 640$	9.57153193		9.56927399	9.56927399	9.55472218	9.55472218
	$n = 1280$	4.87709384		4.87597804	4.87522137	4.86842190	4.86842190
$L = 200$ km	$n = 80$	1.82682191	2.5 km	1.82650735	1.82565821	1.82364465	1.82364465
	$n = 160$	1.25874004		1.25860047	1.25739149	1.25668732	1.25668732
	$n = 320$	1.07056681		1.07053521	1.06907801	1.06885977	1.06885977