

```

__constant__ float  kx_c[CHUNK_SIZE],
                   ky_c[CHUNK_SIZE], kz_c[CHUNK_SIZE];

__ void main() {

int i;
for (i = 0; i < M/CHUNK_SIZE; i++){
    cudaMemcpyToSymbol(kx_c, &kx[i*CHUNK_SIZE], 4*CHUNK_SIZE,
                      cudaMemcpyHostToDevice);
    cudaMemcpyToSymbol(ky_c, &ky[i*CHUNK_SIZE], 4*CHUNK_SIZE,
                      cudaMemcpyHostToDevice);
    cudaMemcpyToSymbol(kz_c, &kz[i*CHUNK_SIZE], 4*CHUNK_SIZE,
                      cudaMemcpyHostToDevice);

    __
    cmgPHD<<<PHD_THREADS_PER_BLOCK, N/PHD_THREADS_PER_BLOCK>>>
        (rPhi, iPhi, phiMag, x, y, z, rMu, iMu, CHUNK_SIZE);
}
/* Need to call kernel one more time if M is not */
/* perfect multiple of CHUNK SIZE */
}

```