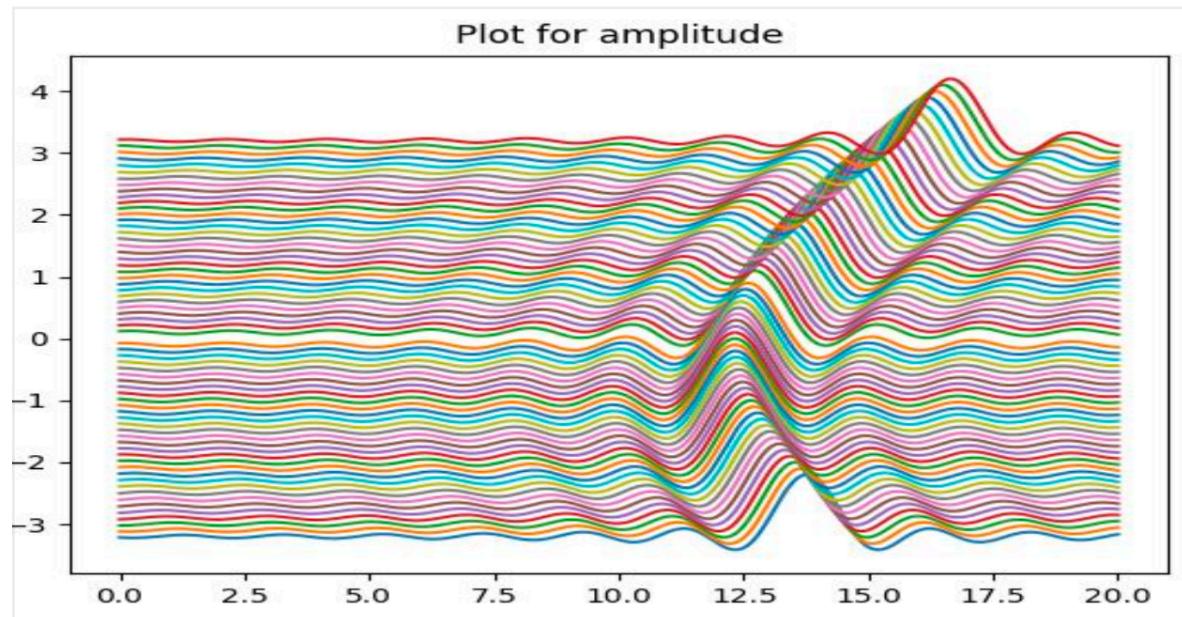
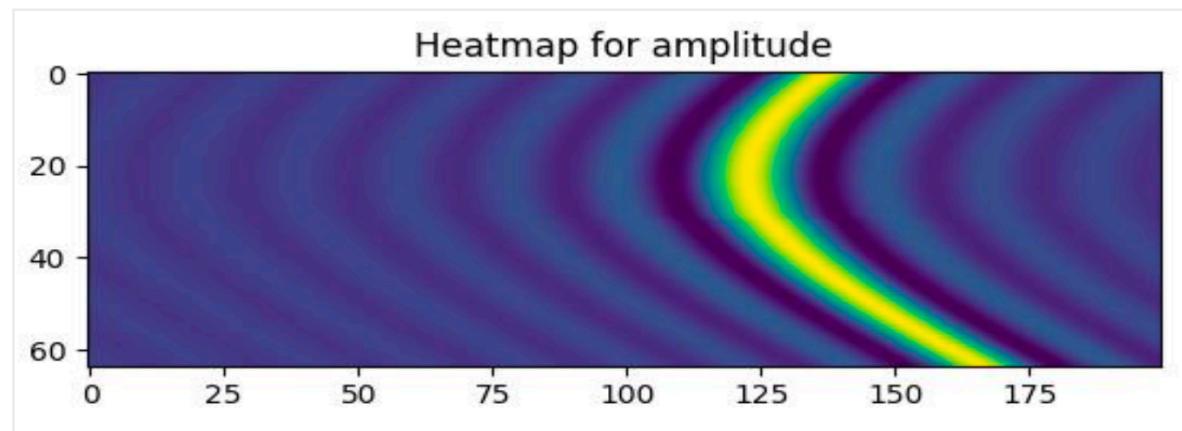


Normal 64 ,200 reconstruction:

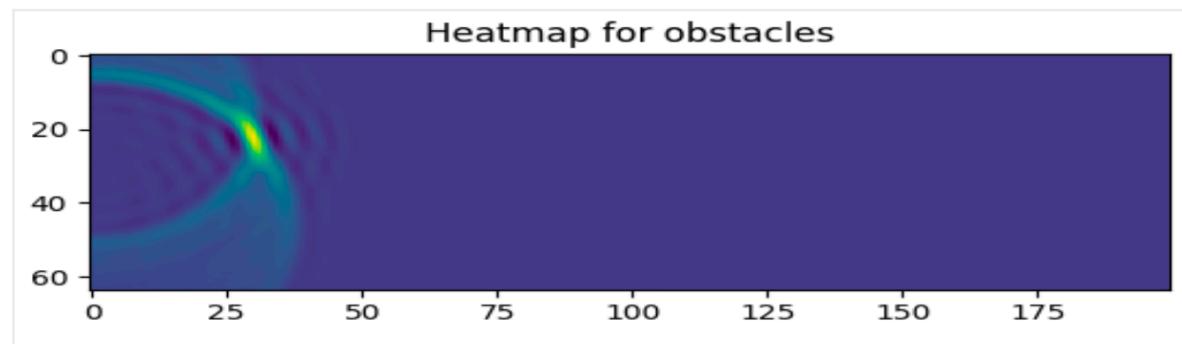
### AMPLITUDE PLOT



### HEAT MAP:

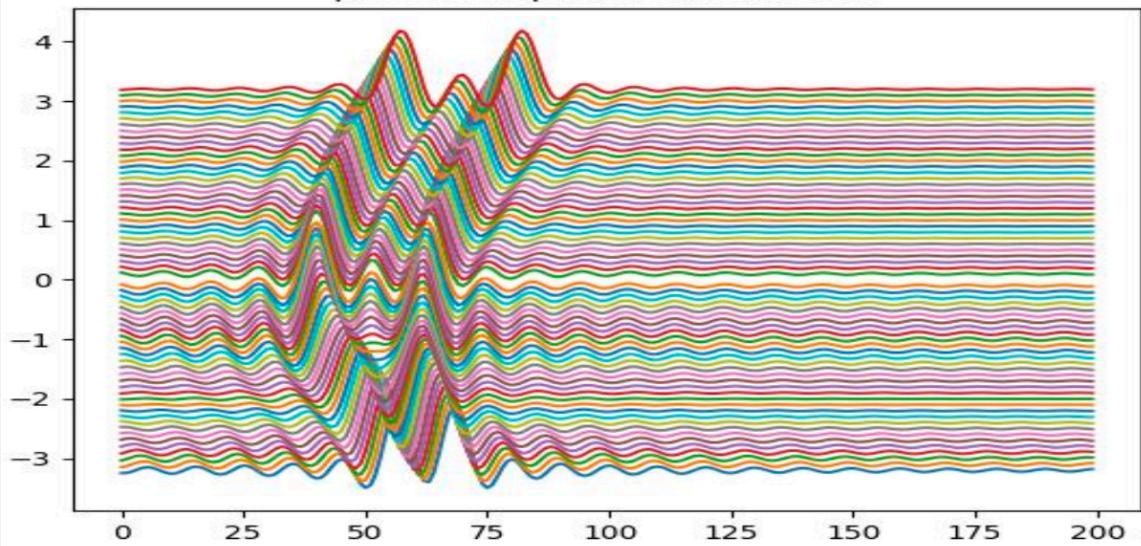


### HEATMAP FOR OBSTACLES:

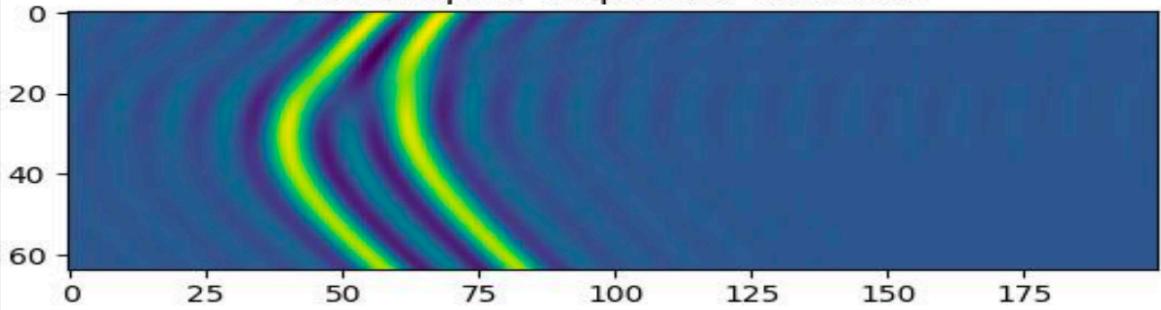


### RECONSTRUCTION FOR DATASET rx2.txt:

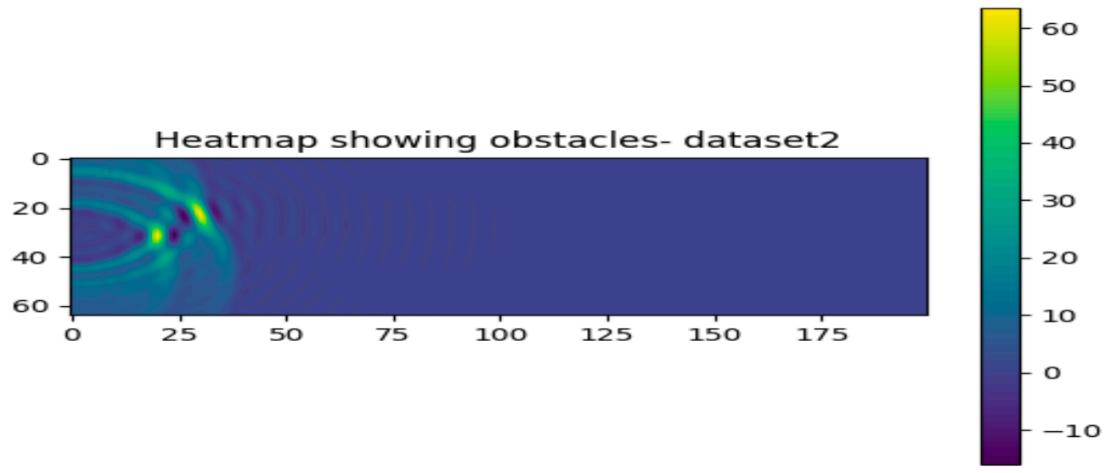
**plot for amplitude of dataset 2**



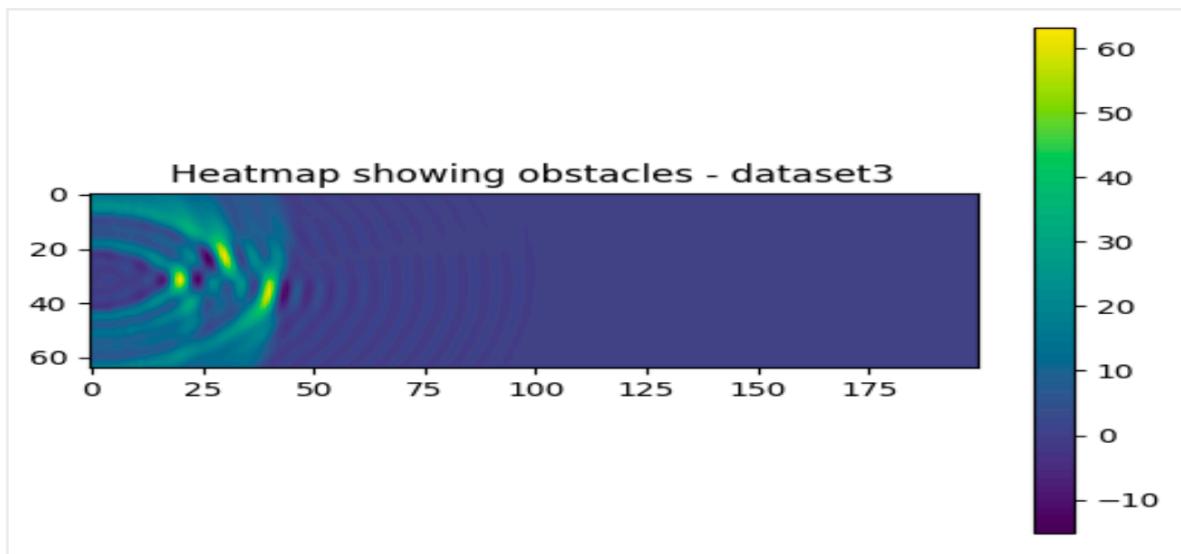
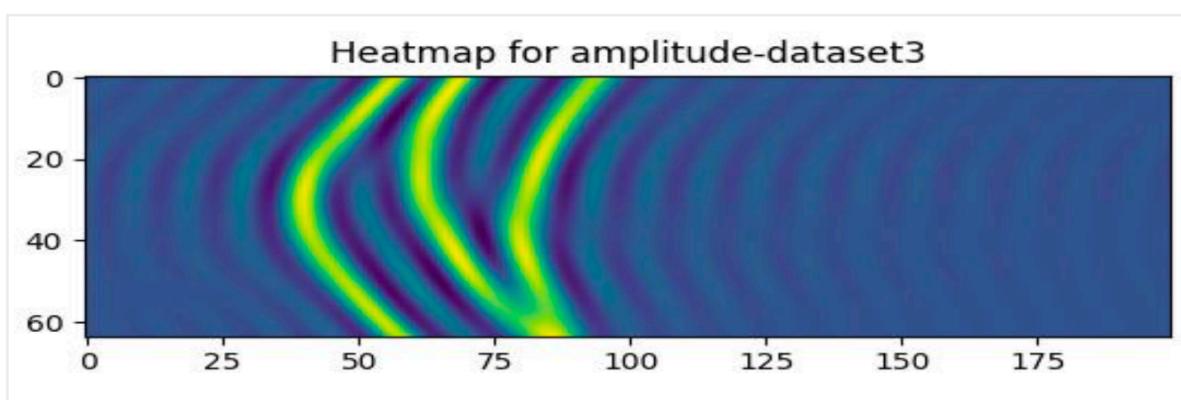
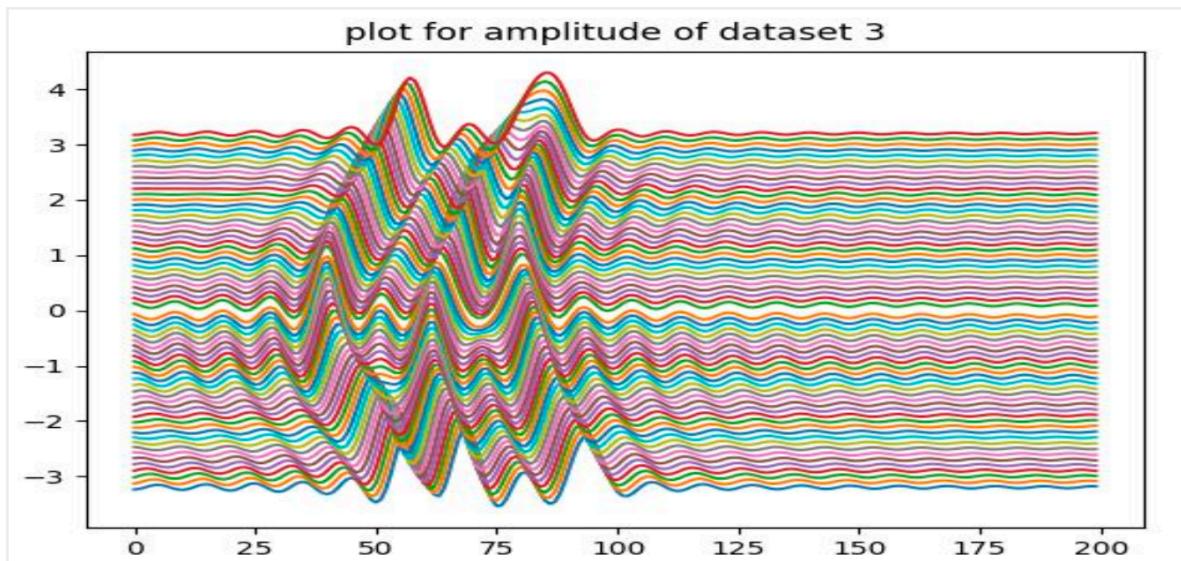
**Heatmap for amplitude - dataset2**



**Heatmap showing obstacles- dataset2**

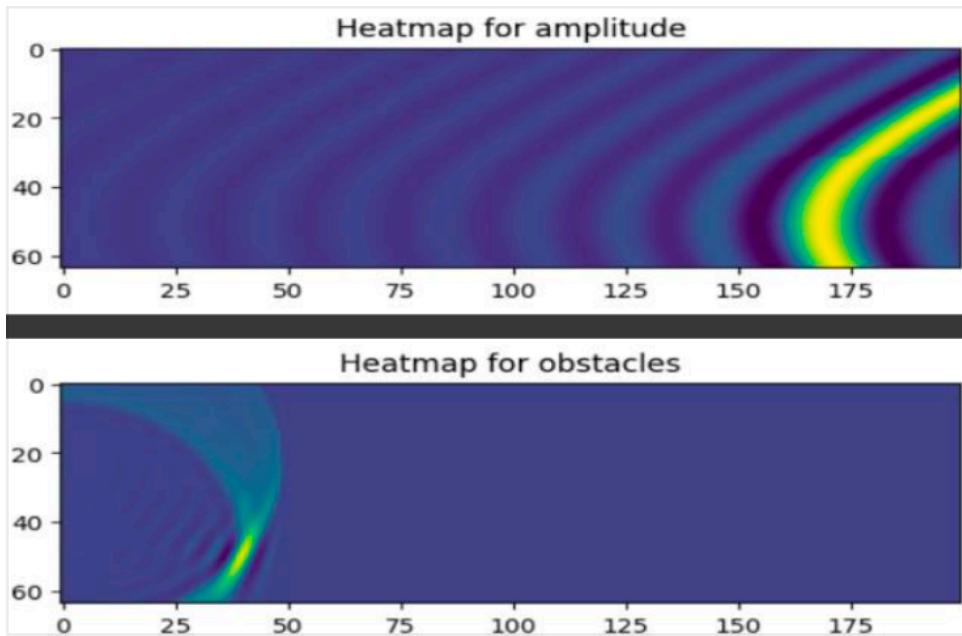


**RECONSTRUCTION FOR DATASET rx3.txt:**

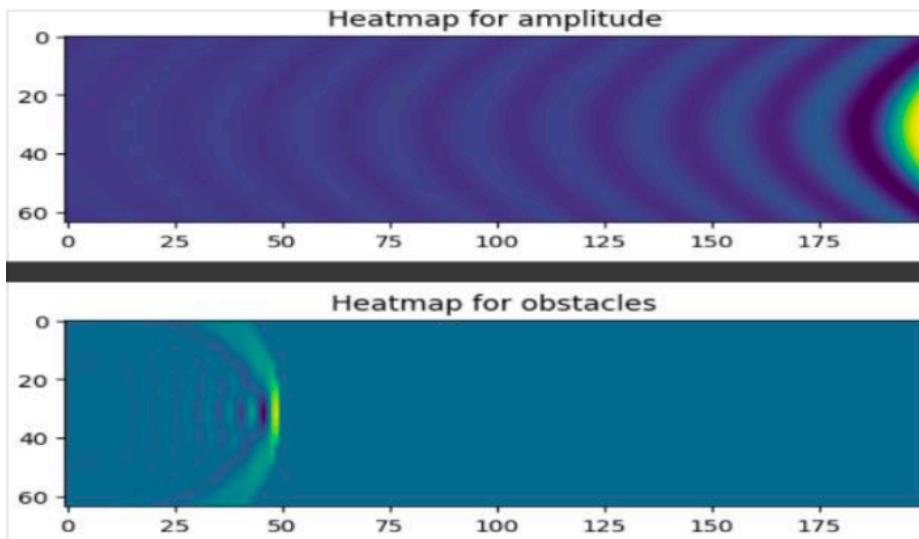


Reconstruction to find max x and y coordinates:

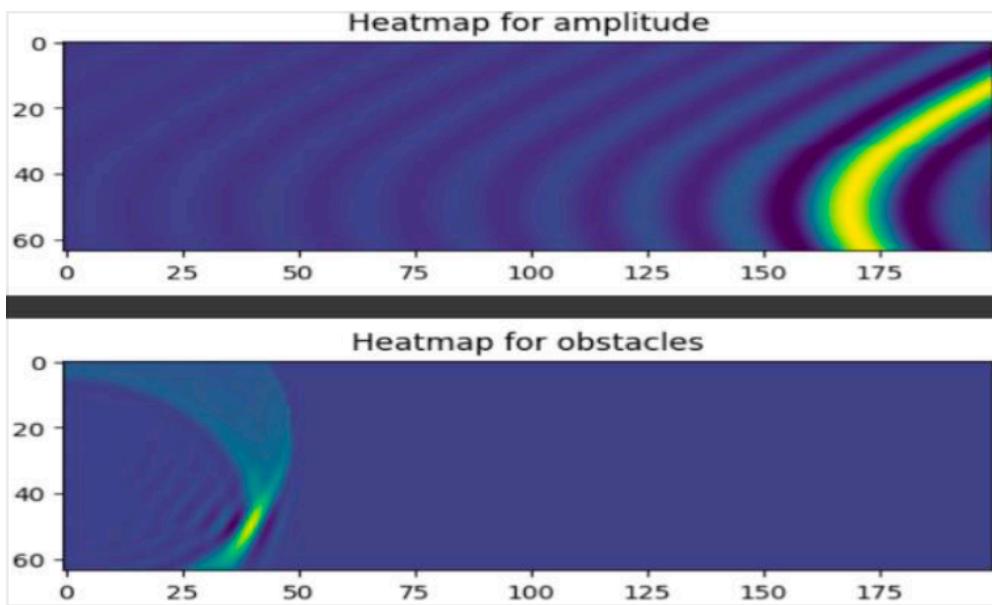
Obstacle=(5,0):



Obstacle=(0,3):



Obstacle=(4,2):



Obstacle out of range:

