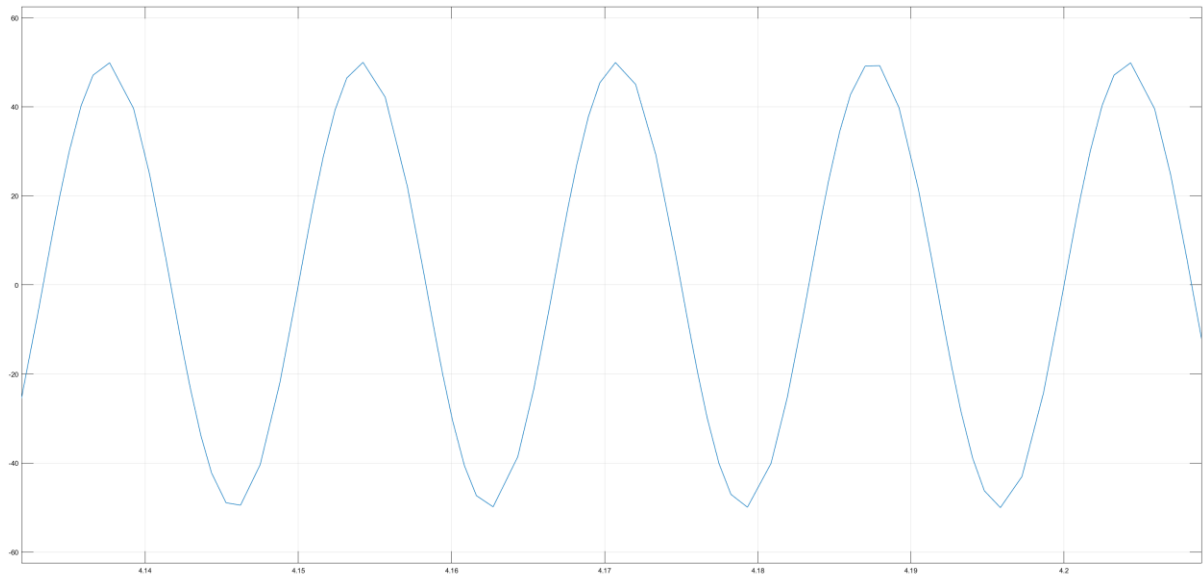
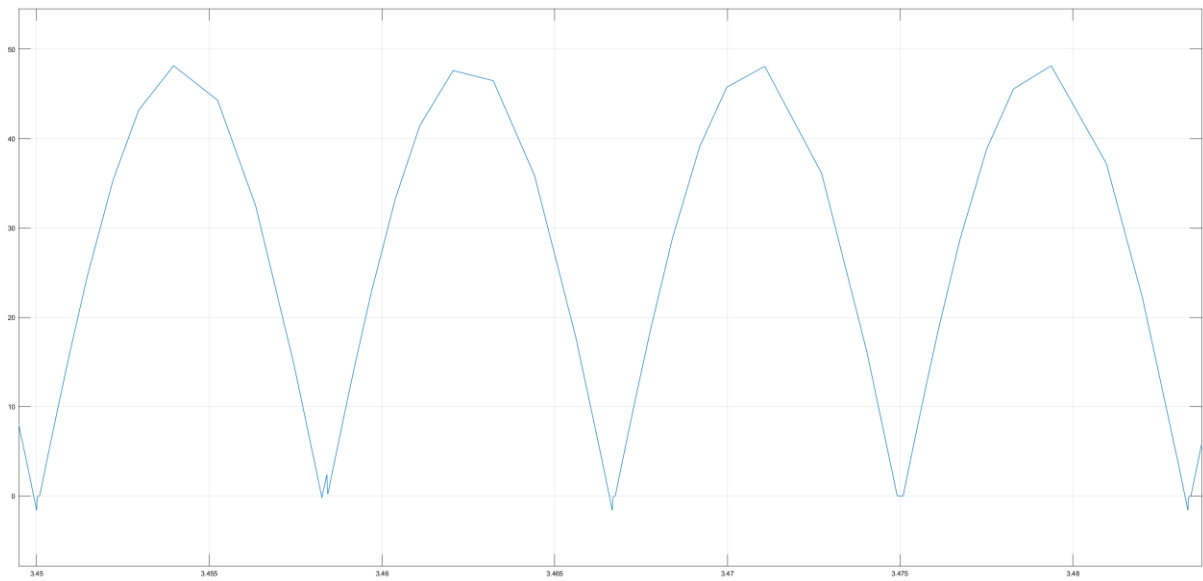


First Circuit

Input-

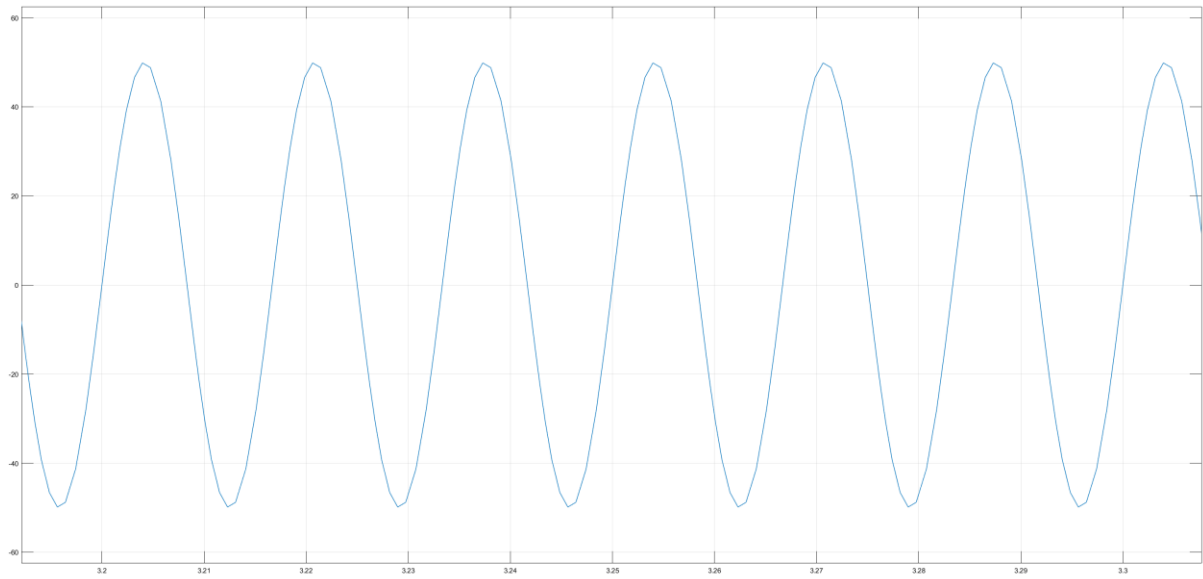


Output-

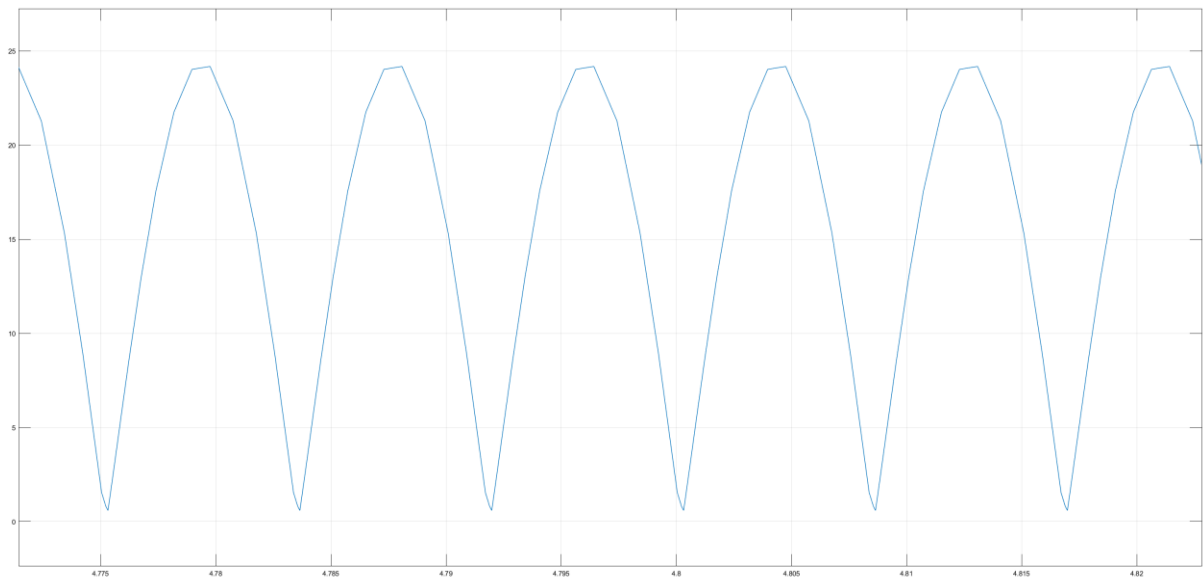


Second Circuit-

Input-

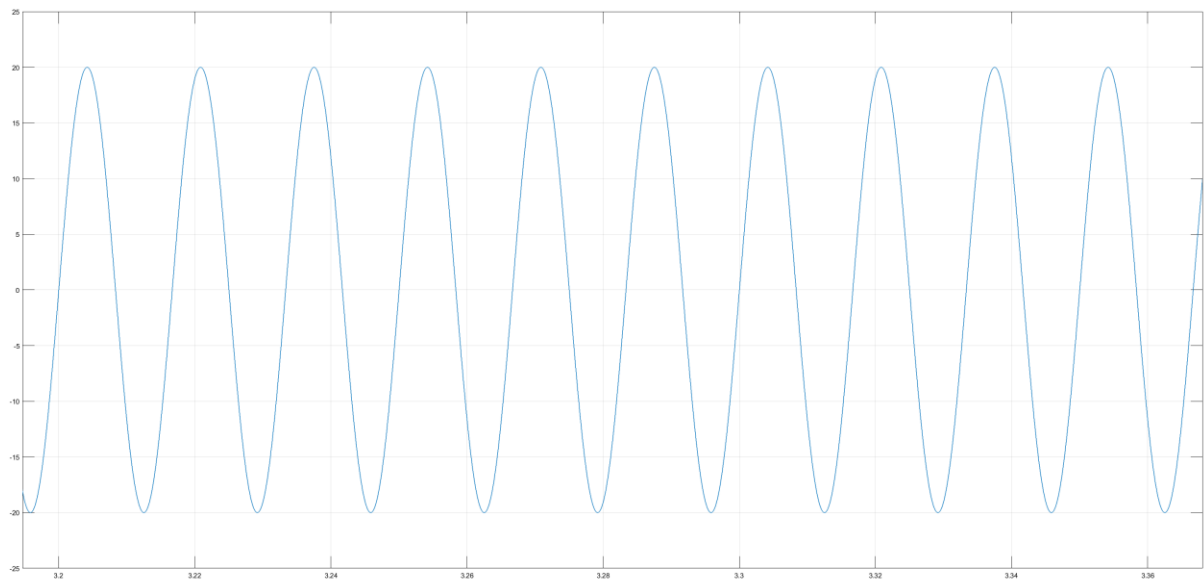


Output-

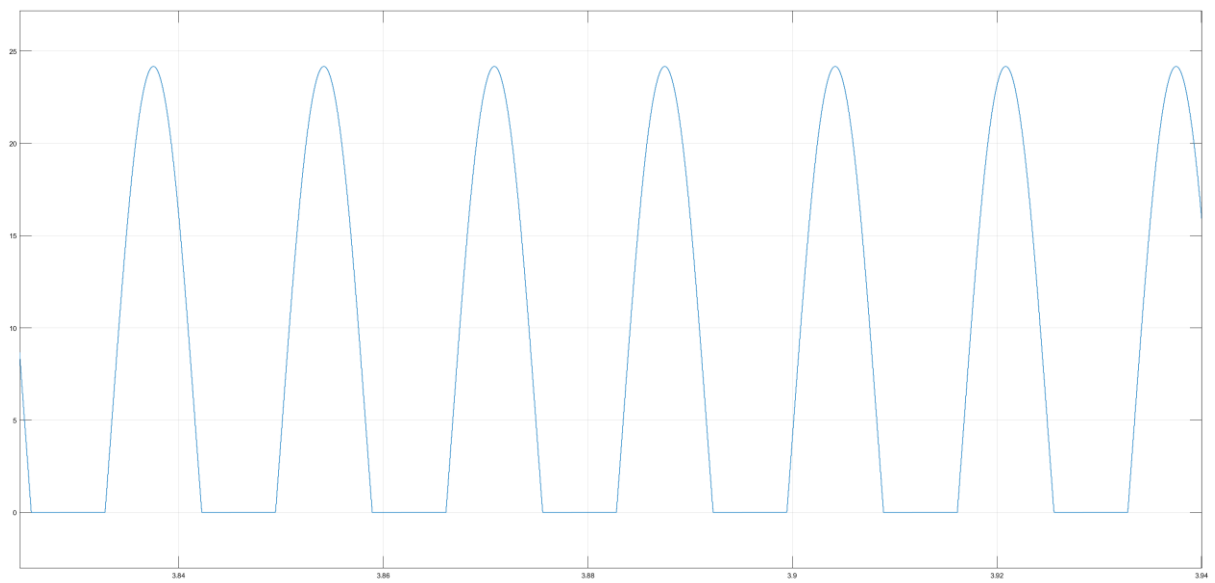


Third Circuit-

Input-

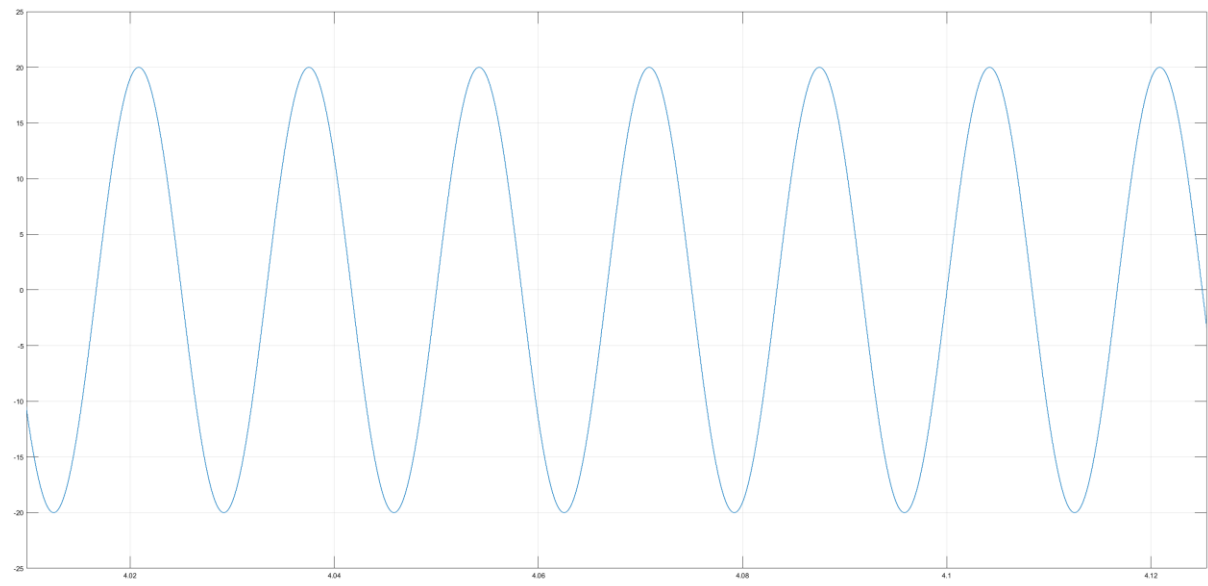


Output-

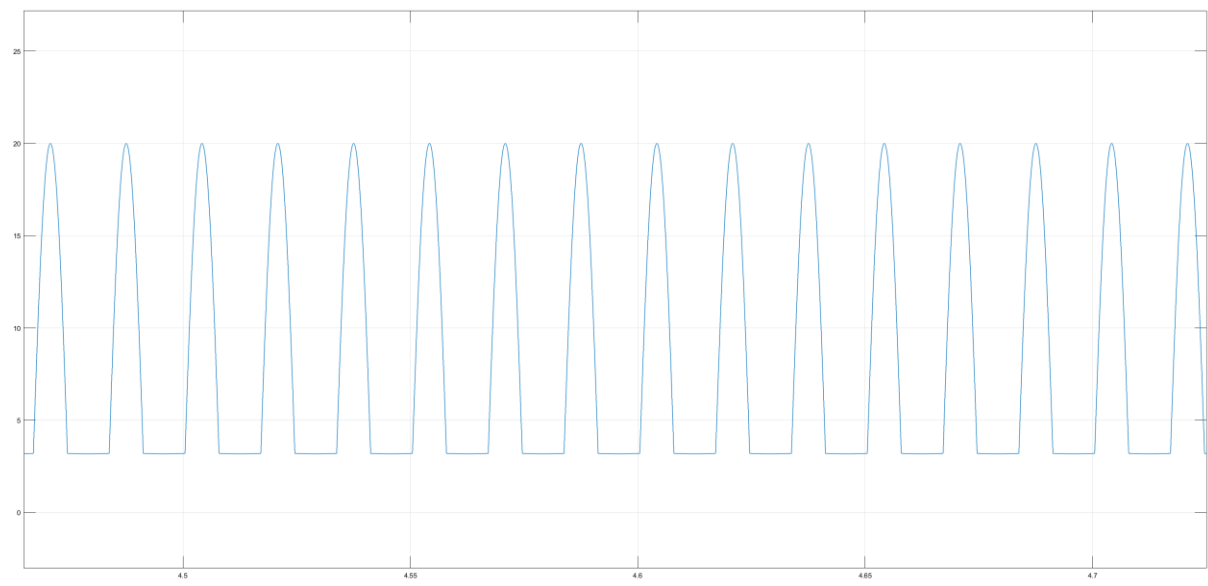


Fourth Circuit-

Input-

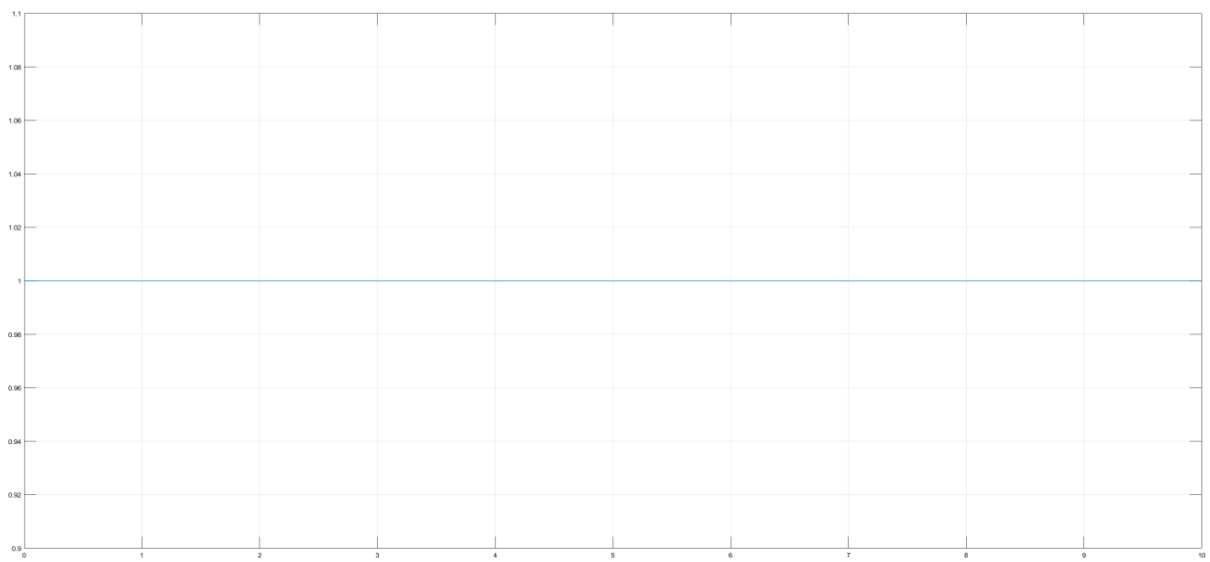
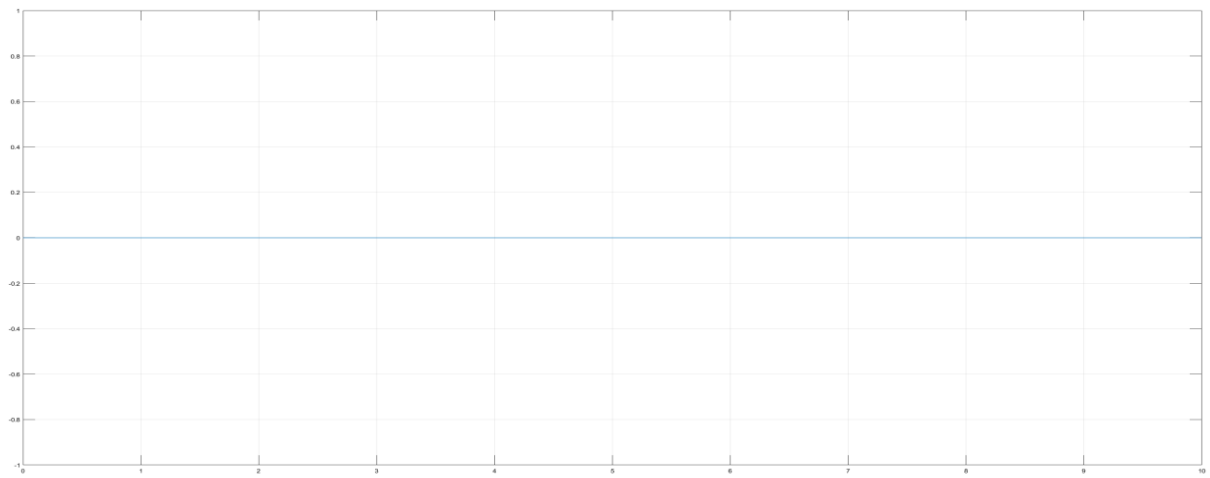


Output-



Fifth Circuit-

Input-



Output-

