

Weekly Report

(Helical Antenna)

KW univ., 정은지

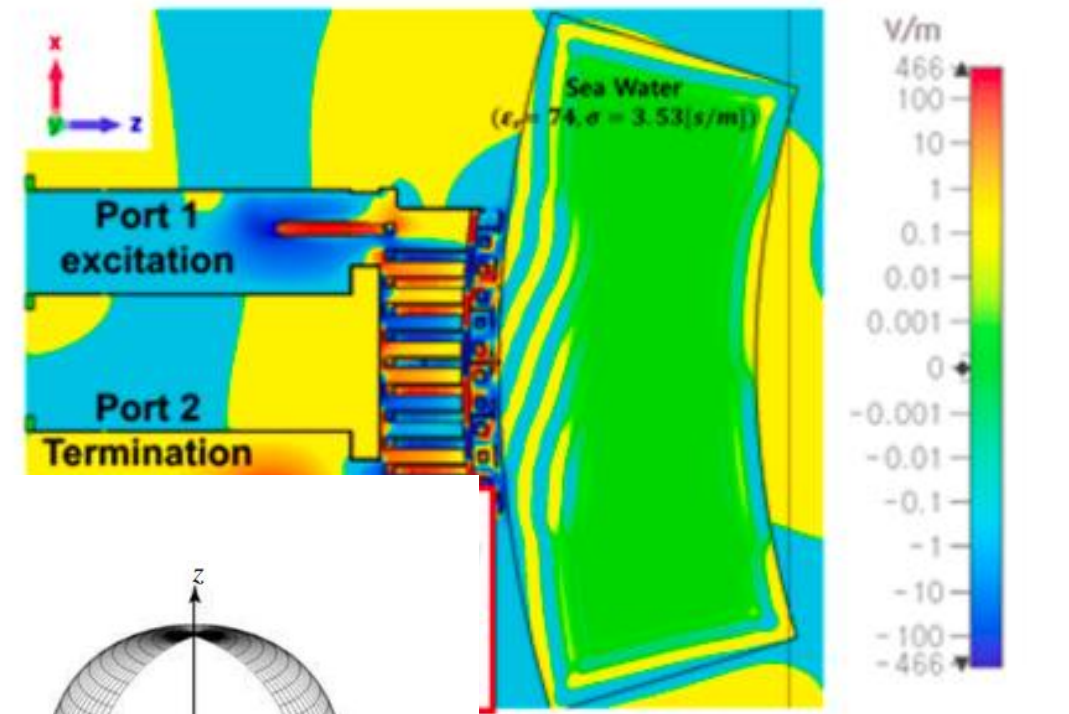
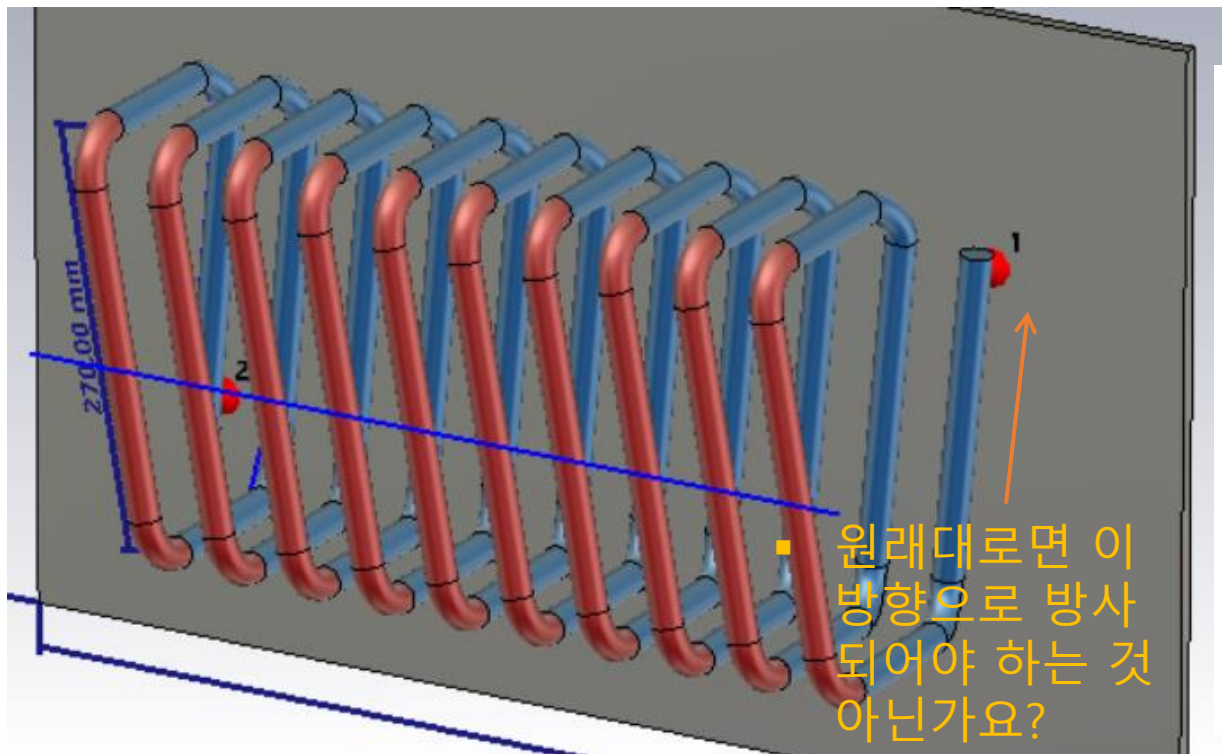
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질문

1. Helical Antenna의 방사 패턴

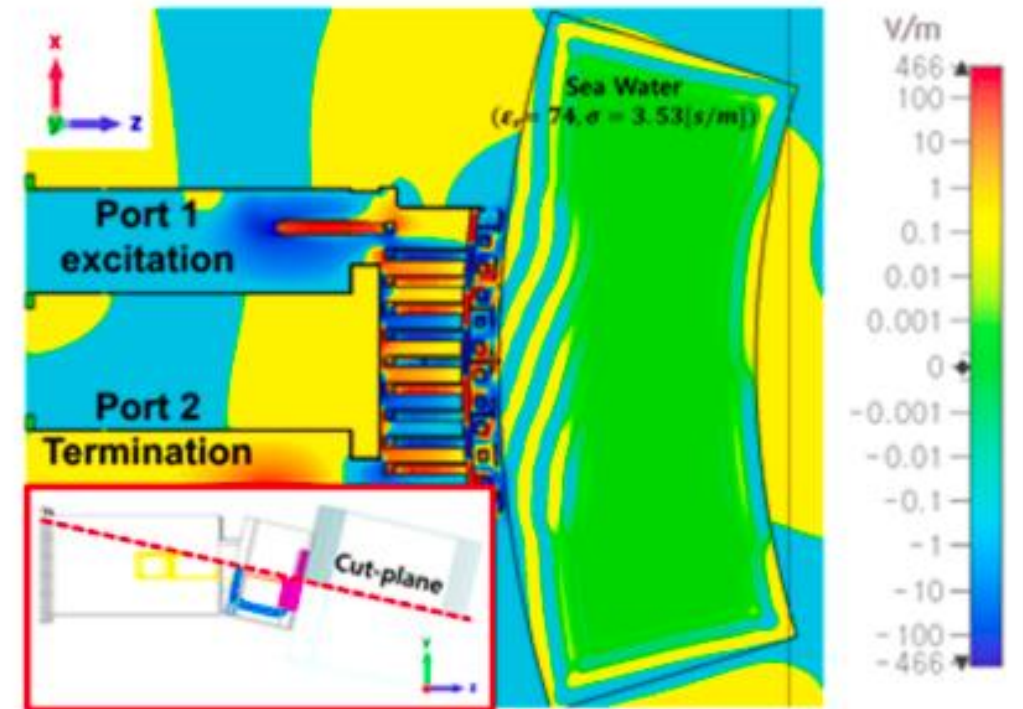
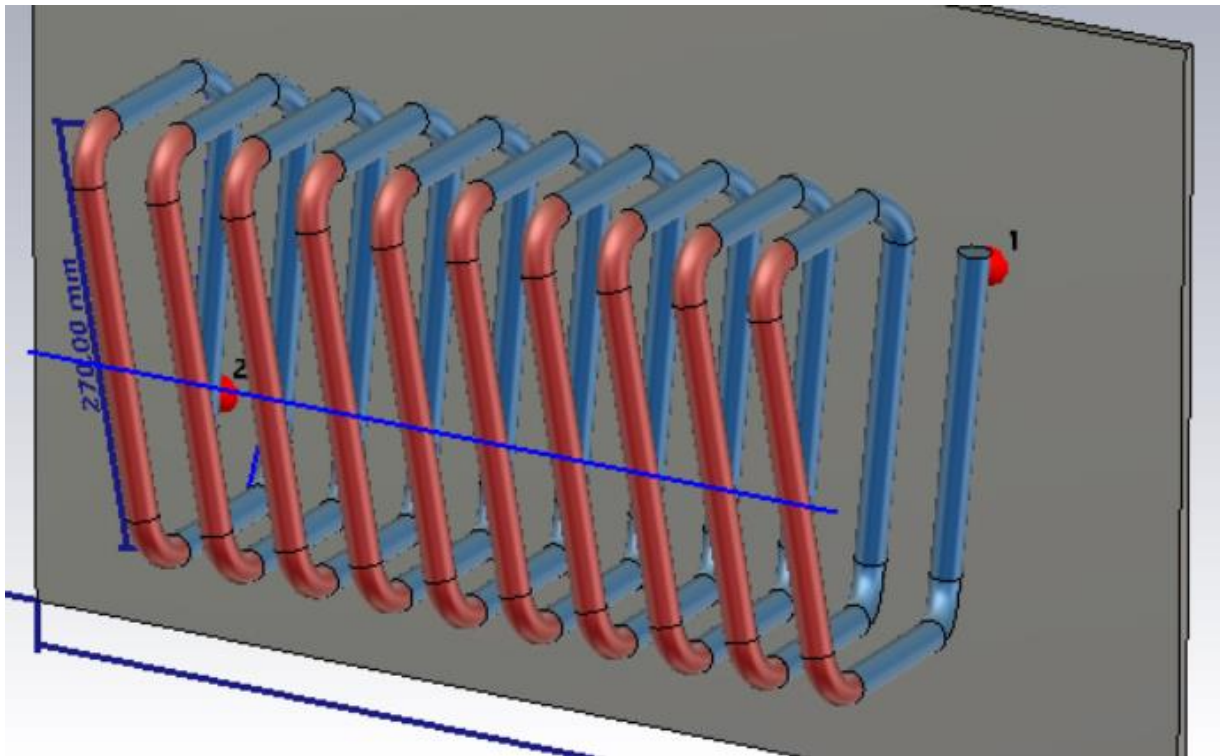
- Helical 안테나는 end-fire mode로 방사되는 것으로 이해했는데 port가 나선이랑 같은 방향이 아니면 방사한 에너지가 어떻게 전달되는지 모르겠습니다.



Field distribution with simplified plasma model



- 그리고 Port 2의 기능을 잘 모르겠어요
- 전류가 어디로 들어오는 것인지도....



(c) Fast wave field distribution with simplified plasma model