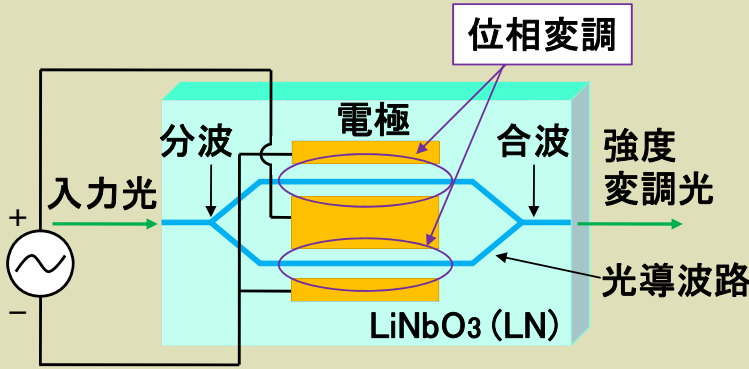
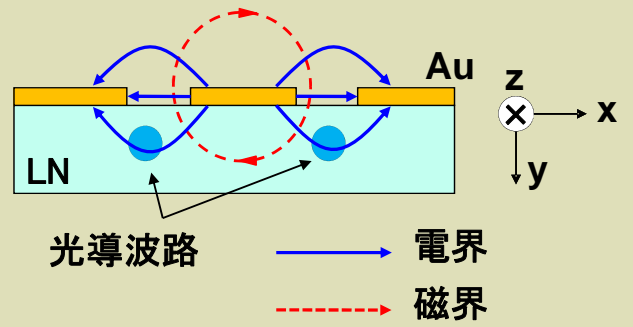


MZ型光変調器の共振電極に関する研究

MZ型光変調器の動作原理

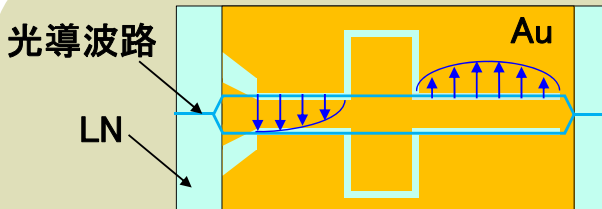


(a) MZ型光変調器の基本構造

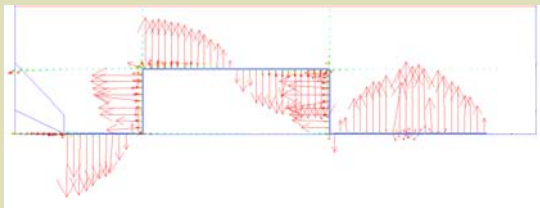


(b) 電磁界分布 (断面図)

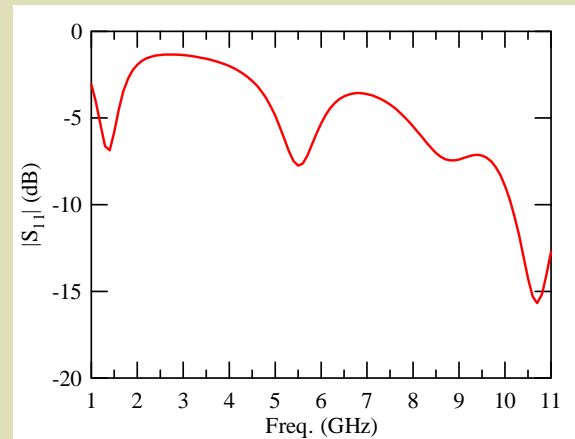
共振電極の設計



(a) 電界分布の設計仕様



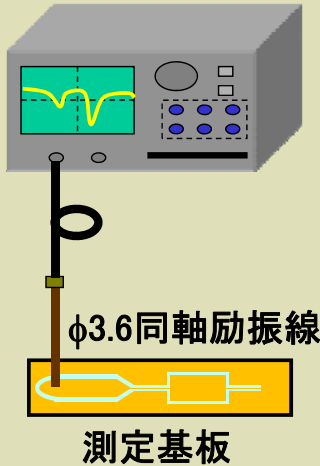
(b) シミュレーション結果



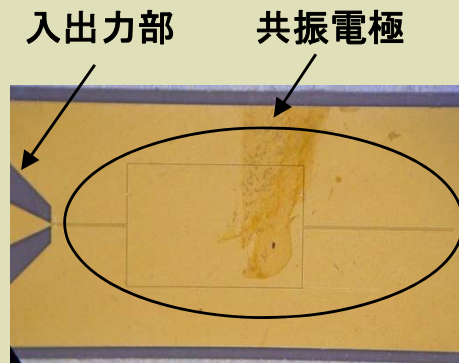
(c) $|S_{11}|$ の計算結果

試作・測定結果

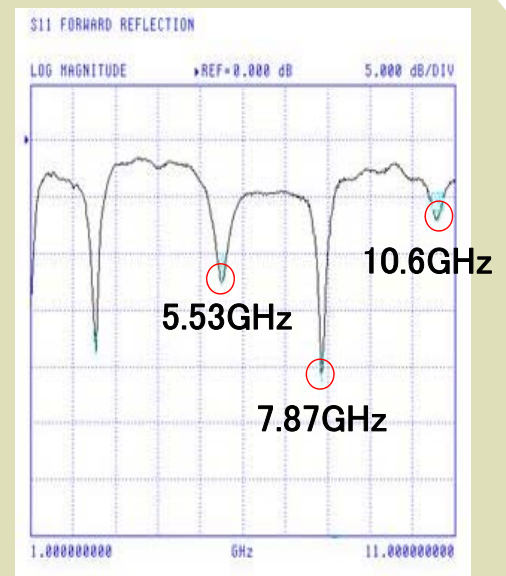
ネットワークアナライザ



(a) 測定系



(b) 試作した共振電極



(c) $|S_{11}|$ の測定結果