

**Title of Article:** The Physics Of Remodeling The Transmitting Loop Antenna Using The Schrodinger-Maxwell Equation

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**Abstract:** Using the Schrödinger equation and the Legendre polynomial, vital parameters were worked out for a theoretically reconfiguring of the transmitting loop antenna. The directional/angular position of the loop antenna was resolved for greater efficiency. The complex feed capacitors were resolved with respect to the length of the conductor used for the construction of the transmitting loop antenna. The efficiency, bandwidth and size of the transmitting loop were accounted for.