

# Bandwidth Enhancement of Microstrip Fed Koch Snowflake Fractal Slot Antenna

Wu Chun Te, Wei-Zhe Dai, Cheng-Nan Chiu, Han-Chang Hsieh

E-mail: samuel@mail.dyu.edu.tw

## ABSTRACT

This paper presents a microstrip line fed fractal slot antenna. Koch snowflake fractal slot are used as a resort to achieve bandwidth enhancement. By increasing the iteration order (IO), the bandwidth can be significantly broaden. Both simulation and measurement are consistent with this theory.

Keywords: microstrip line, fractal antenna, Koch snowflake, bandwidth enhancement, iteration order(IO)

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