

# EEE3089F Assignment 1

## Investigation into the Frii Transmission Equation

Write a short report on the power measurements taken during the practical session on 7 March 2019. The report should include the following:

- A short description of the experimental setup.
- A short description of the Frii Transmission equation.
- Two graphs comparing the measured power (w.r.t. distance) and the theoretical power predicted by the Frii equation.
- Comments on any differences between theory and measurement.

You may use the following table to record your measurements:

Experimental Setup	
Transmit Power	
Antenna Gain	
Operating Frequency	
Received Power vs Distance	
5 m	
10 m	
15 m	
20 m	
25 m	
30 m	
35 m	

