

EE 483/583 Antennas for Wireless Communications (Spring 2026)

Homework 3

Tuesday, February 3, 2026

- 1) 2.77
- 2) 2.83
- 3) 2.97
- 4) 2.109 Assume received power is in dBW.
- 5) 2.110
- 6) 2.111 You may assume the effective antenna temperature incorporates both the antenna noise temperature and that due to the antenna physical temperature at the terminals.
- 7) **EE 583 only:** 2.86

Due Friday, February 6, 2026.