

EE 483/583 Antennas for Wireless Communications (Spring 2017)

Homework 3

Wednesday, February 1, 2017

- 1) 2.62 Text has a typo- delete “ k ” and “ l ” from numerator of electric field.
- 2) 2.65
- 3) 2.71
- 4) 2.83
- 5) 2.89
- 6) 2.94
- 7) 2.95
- 8) 2.98 Modified so the transmission line temperature is 64 °F and attenuation is 3 dB/100 ft.
- 9) EE 583 only: 2.73 Text has error/typo- $0 \leq \phi \leq 360^\circ$.

Due Monday, February 6, 2017.