

Readings for Week 3: The Radar Equation

Power:

Synthetic Aperture Radar by John Curlander and Robert McDonough
pp. 71 - 75

Introduction to Radar Systems by Merrill Skolnik
pp. 30 - 45

Gain:

Introduction to Radar Systems by Merrill Skolnik
pp. 76 - 80

Synthetic Aperture Radar by John Curlander and Robert McDonough
pp. 75 - 91

Propagation Loss:

Radar Handbook by Merrill Skolnik
pp. 26.13 – 26.15

High-Resolution Radar by Donald R. Wehner
pp. 34 - 37

Scattering Loss:

Introduction to Radar Systems by Merrill Skolnik
pp. 403 - 404

Radar Remote Sensing of Planetary Surfaces by Bruce Campbell
pp. 231 - 233

Synthetic Aperture Radar by John Curlander and Robert McDonough
pp. 55 - 57

Radar Cross Section:

Introduction to Radar Systems by Merrill Skolnik
pp. 49 - 64

High-Resolution Radar by Donald R. Wehner
pp. 19 - 25

Radar Cross Section by Eugene Knot, John Schaeffer, Michael Tuley