

Special Problem III.D-2

Incident on a transmit antenna input port is **12.5 W** of power.

This antenna has a **radiation** resistance of **60 Ω** , an antenna **loss** resistance of **15 Ω** , and a reactance of **zero**.

This antenna has a **maximum directivity** of **250 π** .

Determine the **maximum intensity** produced by this antenna.

