

300 kHz to 3 MHz

[PHY461] The ionization causes the signal to be
Refracted

[PHY461] At low frequencies and low conductivities, eddy currents are small, phase
shifts are close to _____
90°

[PHY461] What causes tropospheric ducting of radio waves?
A temperature inversion

[PHY461] Near-surface in-homogeneities strongly influence the choice of _____
array

[PHY461] Induced current flow in a homogeneous earth is entirely horizontal at low
induction numbers, regardless of _____ orientation
steady

[PHY461] Slingram-style systems are now being used for rapid _____ mapping
Conductivity

[PHY461] The ionosphere has the greatest effect on signals in what frequency range?
30 to 300 MHz

[PHY461] As electromagnetic waves travel in free space, only one of the following can
happen to them:
Absorption

[PHY461] The varying magnetic field associated with an electromagnetic wave will
induce _____ at right-angles to the direction of variation
electromotive force

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