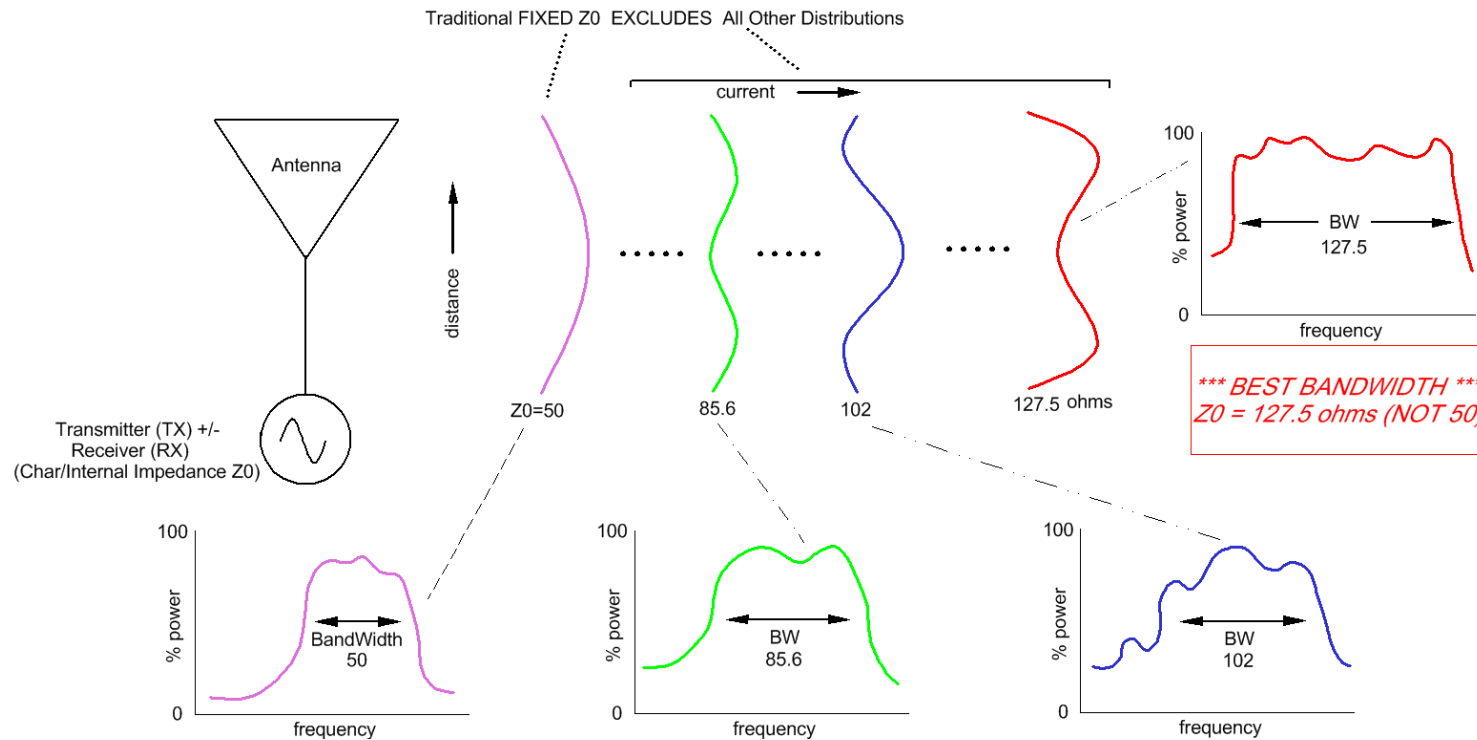


VARIABLE Z_0 ANTENNA TECHNOLOGY



- Antenna properties determined by its *Source Current Distribution*
- Fixed Z_0 (traditional, usually 50 ohms) → Eliminates all other current distributions
- Variable Z_0 includes all distributions → Inevitably *better* antennas
- VZ_0 can be used *without limitation*: All ants, All Platforms, All Freqs, TX & RX
- Especially useful for increasing *Bandwidth* (example above), but can be used for *any/all* antenna parameters: pattern, efficiency, polarization, etc., & combos
- VZ_0 is *Proprietary* (patent #US8776002B2, 8 July 2014)