

Amendments to the Claims

Claim 1 (currently amended)

Claim 2 (original claim)

Claim 3 (currently amended)

Claim 4 (canceled)

Claim 5 (currently amended)

Claims 6 - 8 (canceled)

Claims 9 - 10 (currently amended)

Claims 11 - 12 (canceled)

Claim 13 (currently amended)

Claim 14 (canceled)

Claims 15 - 16 (currently amended)

Claim 17 (original claim)

Claim 18 (currently amended)

Claims 19 - 24 (canceled)

1. (amended) A dual uncoupled mode box antenna comprising:
 - a conductive ground plane; and
 - a box structure superimposed on said ground plane ~~having a plurality of conductive sides, wherein at least one of the conductive sides is insulated from the ground plane and at least one other of said sides is grounded to said ground plane~~ comprising:
 - a first conductive side and a second conductive side and said first and second sides are both insulated from conductive ground plane.
 - third conductive side positioned in spaced opposed relation to the first conductive side and ~~there is a fourth conductive side positioned in spaced opposed~~ relation to the second conductive side and said third and fourth conductive sides are both grounded to said ground plane; and
 - an air gap between said third conductive side and said fourth conductive side.
3. (amended) The box antenna of claim 2 wherein ~~conductive~~ the top is insulated from the conductive sides

Cancel claim 4.

5. (amended) The box antenna of claim 2 wherein there is a dielectric insulation between the top ~~plate~~ and the ~~side plate~~ sides.

Cancel claims 6 - 8 inclusively.

9. (amended) The box antenna of claim ~~8~~ 1 wherein there is an air gap between the first conductive side and the second conductive side.
10. (amended) The box antenna of claim ~~8~~ 1 wherein there is a dielectric footer between the first conductive side and the ground plane, and there is a dielectric footer between the second conductive side and the ground plane.

Cancel claims 11 and 12.

13. (amended) The box antenna of claim ~~12~~ 1 wherein there is an air gap between the first and fourth side and between the second and third side.

Cancel claim 14.

15. (amended) The box antenna of claim ~~14~~ 1 wherein the first, second, third, and fourth sides are perpendicular to the ground plane.

16. (amended) The box antenna of claim ~~14~~ 1 wherein the first, second, third, and fourth sides and the top are metal plates.

18. (amended) The box antenna of claim 1 which is used for a desired frequency having a wavelength wherein the first, second, third, and fourth sides each have a dimension which is about one eighth of said wavelength.

Cancel claims 19-24 inclusively.