

IN THE SPECIFICATION

Following is a marked-up version of each amended paragraph of the subject patent application. The Examiner is requested to delete the indicated paragraph and replace it with the amended paragraph. The location for each of the deleted and replaced paragraphs is also indicated. These specification amendments are made to make the text consistent with the figures in the file and do not present new matter.

Replace paragraph [057] with the following.

[057] Exemplary results for an antenna structure constructed according to the teachings of the present invention, such as the antenna structure 200 of Figure 5 with a voltage controlled variable capacitance element are shown in Figure 8. The voltage standing wave ratio as a function of frequency and capacitance is shown. Four capacitance values were employed to generate the four curves of Figure 8: a curve ~~339 340~~ was generated with an open circuit, a curve 341 with a 1 pf capacitance, a curve 342 with a 5.7 pf capacitance and a curve 343 with a short circuit. Using these capacitance values, the exemplary DVB antenna presents several resonant frequencies within the tunable band of 470 to 860 MHz (in which narrowband (5-8 MHz) video signals are transmitted) according to the capacitance value. As can further be seen, the upper resonant frequency, corresponding to the DVB broadcast band centered at about 1675 MHz (and having about a 5 MHz bandwidth), remains substantially unchanged irrespective of the capacitance.

Replace paragraph [070] with the following.

[070] Figure 12 schematically illustrates a technique for biasing ~~a~~ the varactor diode ~~213~~ operating as the variable capacitor in the embodiments described above. A coaxial cable 440, comprising a signal conductor 441 and a ground conductor 442, is connected to the terminals 218 of the antenna structure 200 for supplying the received

signal to receiving circuitry not illustrated. A resistor 444 is connected between the extension ~~214, 218~~ and ground. A reverse bias DC voltage is applied between the signal conductor 441 and ground. In a preferred embodiment the structures of Figure 12 are disposed proximate a ground plane.