

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 indicated.

Replace paragraph [0033] with the following:

[0033] In the embodiment of Figure 1, to be described more thoroughly below, the antenna operates in the band of frequencies between 1.7 GHz and 6 GHz with a voltage standing wave ratio of about 2:1, in both a spatial diversity configuration (Figure 1) and in a configuration offering a combination of spatial and polarity diversity (Figure 53).

Replace paragraph [0057] with the following:

[0057] Figure 10 illustrates a matching network 139 for use with the monopole element 108, comprising a series capacitor 140, a grounded capacitor 142 and a parallel-grounded inductor ~~144~~146. The matching network is inserted between the monopole element 108 and the transmission line 112. A similar network is inserted between the monopole element 110 and the transmission line 114. An embodiment including the network 139 modifies the characteristics of the antenna 100 by deepening the response to certain resonant frequencies. Thus, the network 139 can advantageously optimize performance at one or more selected resonant frequencies. Use of the network 139 is not required for operation of the antenna 100.