

(1) No coordinate system is drawn on any figure. The relationship between the XYZ system mentioned in the text and the Theta, Phi system mentioned in the figures is not known.

(2) The polarization is stated as linear, but its direction is not presented anywhere in the paper.

(3) GPS requires circular polarization with reasonably small ellipticity to fight multipath that corrupts GPS accuracy. Linear polarization introduces deep fading leading to signal loss. Therefore the proposed antenna is not suitable for GPS.

(4) The bottom half of figures 5, 6, and 7 shows an almost constant radiation at full signal strength (0dB). This is totally unrealistic. The effects of the substrate size are not visible in the radiation patterns.