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| Title of paper | Comparison between Straight and U shape of ultra-wideband microstrip antenna using log periodic technique |
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| Summary | A band notched ultra-wideband (UWB) patch antenna is presented with its circuit modeling. The rectangular patch antenna is designed on dielectric substrate and fed with 50  microstrip by optimizing the width of partial ground, the width of the feed line to operate in UWB. This antenna consists of a radiating element with a strip, and a partial ground plane and feeding line has been demonstrated. With the design, the return loss is lower than 10 dB in 3.1-10.6 GHz frequency range and show the band-notch characteristic in the UWB band to avoid interferences, which is caused by WLAN (5.155.825 GHz) and WiMax (5.255.85 GHz) systems. |
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