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| **Title:** | Design of a Wearable Textile Antennas for Body Centric Wireless Communication and Performance Analysis at Different Textile Materials | | |
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| **Abstract:** |  |
| In this paper, we have presented a circular micro-strip patch antenna with radiation  characteristics which is suitable for on-body communications. Eight different types of textile  materials is tested along with circular micro strip patch antenna to observed antenna performance  and also modified the antenna design. These designed antennas are operated at 2.4 GHz ISM band frequency. Using CST simulation tool Return losses, Radiation Patterns, S-Parameters is measured to analyze the antenna performances | |