

**Proceedings of the 11th Interdisciplinary
International Symposium on**

**Energy, Environment, Health and Visual
Communication
(INFOFEST 2021)**

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International Symposium on
Energy, Environment, Health and Visual
Communication
(INFOFEST 2021)**

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5G Mobile Antenna Design- Review And Analysis

Arun M V¹, Shameena V A²

Department of Electronics, W.M.O.College, Muttill, Wayanad, Pin-673122

Email: arunmonmv@gmail.com, shameenava@gmail.com

Abstract—This review paper examines several problem connected to design for 5G communication with an emphasis on 5G antenna design for mobile phone, manufacturing technology restriction, and the effect of handset material. Carrier acceptance of different frequencies in antenna, antenna size, and climatic change are among limits in antenna design. Mobile service providers must meet the needs of their customers, which 5G technology can help them do.5G technology offers extremely high bandwidth, low latency, higher service quality and maximum capacity.5G communication uses a variety of antenna types such as MIMO (multiple-input and multiple-output), millimeter wave, and sub 6GHZ (mmw).