Abstract

In this paper, the relation between Bit rate and Bandwidth depending upon various factors are considered. In those factors, attenuation exponent is mainly considered. This paper analyzes the effect of change in attenuation exponent on the bit rate of frequency bands allocated to various types of radio services in India as per National Frequency Allocation Plan. In order to obtain better performance in data communication, it is necessary to obtain such relations.
Effect of Attenuation Exponent on the Channel Capacity of Spectrum Allocated by India’s National Frequency Allocation Plan (NFAP)

References


Index Terms

Computer Science

Communications
Keywords
Nfap  Snr.