Abstract

The past researches shows GMSK (Gaussian minimum shift keying) & OFDM (Orthogonal frequency division multiplexing) are the most effective techniques in the area of wireless communication. There have been many platforms to analyze the working and performance of GMSK & OFDM. In this paper, the experiment is performed on the SDR (software defined radio) which is more flexible radio system as compared to the other conventional radios. A flexible open source system GNU Radio is used to limelight the importance of GMSK
Video Transmission through GMSK using GNU Radio

This paper focuses on the implementation of GMSK modulator & demodulator and analyzes the working & results of a video communication using GMSK modulation technique. The real time video signal transmission and reception is performed using USRP (Universal software radio peripheral) and configured by GNU Radio 3.7.5.1 in the laboratory environment.

References

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Index Terms

Computer Science Wireless

Keywords
