better solution for prominent ameliorate number of users using HDTV. The triumphed MSE vs. SNR graph shows the exactitude of the system after the execution.

References

[1] ETSI, "Digital Video Broadcasting (DVB): framing structure, channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)", vol.1.1, 2009.
[2] ETSI, "implementation guidelines for a second generation digital Terrestrial television broadcasting system (DVB-T2)", Nov 2009.
[3] S.Almouti, "A simple transmit diversity techniques for a wireless communication", vol.16, Oct 1998.
[4] T.Jiang, Y.Yi, "channel modulating and inter carrier interference analysis for a vehicle to vehicle communication system in frequency dispersive channels", vol.15, Feb 2010.
[5] Eun-sung-jeon, Janghoon yang, "Iterative joint detection and ICI cancellation and Estimation of multiple CFOs, Channels in MISO transmission mode", vol.16, March 2014.
[6] Jang Soo Seo, "Improved CIR based receiver design for DVB-T2 system in large delay spread channels: synchronization and equalization", vol.57, March 2011.
[7] H.-C. Wu, "Joint phase/amplitude estimation and symbol detection for a wireless ICI self cancellation coded OFDM system", vol.50, March 2004.
[8] X.Liu, "Novel asterisk 16-QAM constellations for COFDEM", vol.14, July 2010.
[9] X .Huang, "Robust and efficient ICI mitigation for OFDM system in time varying fading channels", vol.56, Sep 2007.
[10] Hala M Mahmud, "journal of networks", vol.5.
[11] Jokela T, Tupala M, "Analysis of physical layer signaling in DVB-T2 systems", vol.56.2010.
[12] Mousa, Rashid Salem, "Channel Estimation Based in Comb-Type Pilot Arrangement for OFDM System over time varying Channels", vol.56.
[13] Lukasz Kondrad, Vinod Kumar, "Cross-Layer Optimization of DVB-T2 System for Mobile Services", 2010.
[14] Robert J. Besant, "Peak to Average Power Ration Reduction for Digital Video Broadcast T2", 2011.
[15] A.J. Paul raj, "Multi-Input Multi- Output (MIMO) wireless system", CRC press, Second edition 2002.
[16] Yoke Leen Sit, "MIMO-OFDM Radar with communication and interferences cancellation features", 2014.