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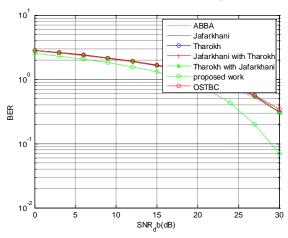


Figure 10: Variation in BER for different coding scheme for 128 PSK with ZF equalizer

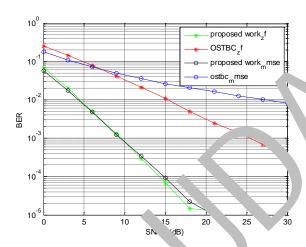


Figure 11: Variation in BER for OSTL and prosed work with ZF and MMSE equal.

V. CONCLUSION

We have implemented different STBC codes for ZF and MMSE equalizer and compared the BER performance, then found that the proposed OSTBC scheme is better than other coding schemes. Our proposed code achieves full diversity under the equalization techniques. BER measurement shows the performance analysis of MIMO system is better in MMSE equalization.

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