

Figure.9 ASK

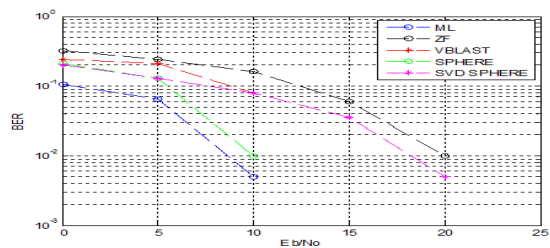


Figure.10 for 4Tx AND 4 Rx

#### IV. Conclusion

Spatial Multiplexing with VBLAST decoder has been analyzed for Zero Forcing, Sphere Decoding, SVD-SD and Maximum Likelihood Equalizers. Above mentioned figure depicted is a modulation of QASK and constellation value of 2. different detector has been implemented and ML give better performance then SD, ZF, Vblast. When SD is modified the SVD-SD perform better then SD hence SVD-SD is less complex than ML-SD respectively. So over all SVD-SD is better

#### V. References

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