

Complexity involved in JPEG-2000 is more for a fewer enhancement in the compression ratio and efficiency.

CALIC

5 Although CALIC provides the best performances in lossless compression, it cannot be used for progressive image transmission (it implements a predictive based algorithm that can work only in lossless/nearly-lossless mode). Complexity and computational cost are high.

The results show that the choice of the "best" standard depends strongly on the application at hand.

10 In order to ascertain the novelty of the instant application a search was conducted using US Patent database & European Patent database. As many as 400 Patent Applications were identified under the subject matter data compression. Various patent specifications were carefully considered and the novelty of the invention was ascertained.

15 The following specifications namely PCT/US98/07074, EP0871294A3, EP0880100A2, WO98/50886 were cited and on perusal of the various patent specifications under the European & US database, it was concluded that the scope of the claims to the instant application & the cited specifications were different.