

A SURVEY ON PERFORMANCE COMPARISON OF LOW NOISE AMPLIFIER FOR MULTI-STANDARD RECEIVER

**SHINDE JITENDRAKUMAR NAMDEO¹
AND S. K. BODHE²**

¹ Research Scholar, NMIMS University, Mumbai, India

² Director, BoSh Technology, Maharashtra, India

Abstract

The LNA is the first stage after antenna in transceiver. The LNA is responsible for providing enough gain to the signal with the bare minimum distortion. This paper presents a survey of low noise amplifier for multi-band multi-standard transceivers. In this paper we report the basic architecture of low noise amplifier for radio receiver along with latest developments in the low noise amplifier design. In this we have reported that performance of various chip design to get knowledge of current status of low noise amplifier for multi-band multi-standard transceivers.