

Advanced RF power amplifiers boosts Ericsson radio base stations

PA design competence developed within the GHz-centre has contributed with advanced PA technology and prototypes, as an important part of Ericsson's development of wide-band base-station products towards multi-band capabilities.

With the efforts from the GHz-centre in developing advanced power amplifiers with high efficiency and RF bandwidth, the development of multi-band linearization at Ericsson has accelerated.

Example is showing a 2-4GHz Gallium-nitride based power amplifier developed by PhD student Paul Saad.

