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Development of C-band RF infrastructure and initial experiments at RadiaBeam

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RadiaBeam is a small business providing systems, components, instrumentation, as well as testing, consulting and engineering services to the industrial and scientific accelerator communities. In this paper we'll discuss the projects most relevant to the high energy physics community with the emphasis on a recent development of the in-house C-band infrastructure for accelerator R&D. We'll also present more general case studies, which illustrate successes as well as challenges of serving the discovery science accelerator laboratories market, and discuss the current business outlook.

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