

EUROPEAN COOPERATION
IN SCIENCE
AND TECHNOLOGY

CA15104 TD(16)02004
Durham, UK
October 4-6, 2016

EURO-COST

SOURCE: Centre for Communication Systems
School of Engineering and Computing Sciences
Durham University
Durham, UK

Long term measurements over fixed links in the mm wave band

A. Cheema, S. Salous, X. Raimundo and Y. Cao

Abstract: The millimeter wave band has been identified for future wireless links with various applications ranging from device to device, for ranges over a few metres, to mobile and backhaul applications with links varying in range from meters to a few km. To study the impact of precipitation on mmWave fixed links, three links are being set up in Durham at two frequencies with single and dual polarisation configurations. The TD will give an overview of the experimental set up and the performance of the system.

Contact:

Sana Salous
Centre for Communications Systems
School of Engineering and Computing Sciences
Durham University
Durham
UK
Phone: + 441913342532
Fax: + 441913342408
Email: sana.salous@durham.ac.uk