

Ericsson Inc
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EXHIBIT 1
Response to Question 7: Purpose of Experiment

Ericsson Inc. is a world leader in telecommunications. Ericsson has a long tradition of innovation that is founded in its strong commitment to the research and development of wireless technologies. To build on its engineering and research expertise, Ericsson established the Ericsson Silicon Valley Labs in San Jose, CA.

Ericsson Silicon Valley's primary focus of research and experimentation is to improve the performance, quality and efficiency of mobile communication. Wireless networks increasingly must support a range of applications, and this is expected to increase with the proliferation of devices, applications, and higher bandwidth. Therefore, at its Silicon Valley Lab, Ericsson is exploring novel uses of wireless communications for consumer and enterprise applications spanning business, gaming, health, smart-grid, entertainment, content and machine-to-machine communications.

The proposed experiment will explore the interaction of mobile applications and services with 3G and LTE mobile networks. The study will run a variety of applications, such as business, gaming, health, smart-grid, entertainment, and machine-to-machine, on a variety of consumer smartphones and tablets over a 3G and an LTE network. The investigation will examine the performance of 3G and LTE systems using the same types of applications, compare performance between the two systems, and assess the impact of the radio systems on the various applications.

The specific objectives of the planned experiment are (1) to develop a program of applications and services to characterize the real-life performance of the applications and the quality of experience resulting from the use of these applications and (2) to learn how to optimize the performance, quality and efficiency of the radio systems for applications.

This investigation will examine a new aspect of network performance and will contribute to expansion of the mobile ecosystem. Historically, the wireless industry has relied solely on bandwidth or transmission rates to assess performance. However, the expanding variety of applications that will run over networks indicates that network performance should also be investigated through the lens of application performance. The uniqueness of the planned experiment is to understand the performance of new, varied applications and services on mobile networks.