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Ericsson, a world leader in the development of wireless technologies, seeks this license to continue and extend our development of 5G technology, and thereby will "contribute to the development, extension, expansion [and] utilization of the radio art." As outlined on Form 442, we will conduct this testing using prototype 5G base stations. This research seeks to understand the characteristics of the 39GHz band and to examine channel bandwidths and U/L ratios for residential and commercial deployments.