

## EXHIBIT NO. 1

### GSM DIGITAL CELLULAR TEST SYSTEM

The GSM Digital Cellular Test System for which we are requesting an experimental license is a Time Division Multiplexed Multiple Access system (TDMA) where 8 user time slots are multiplexed onto one RF carrier. The carrier is modulated with digital information, either voice or data, at a gross rate of 270.8333 Kb/s using a Gaussian Minimum Shift Keying (GMSK) scheme with a baseband premodulation filter having a BT product of 0.3. The occupied bandwidth, defined as 99 percent energy confinement, is expected to be 244 KHz.