

Description of Equipment/Service to be Tested

Pursuant to 47 C.F.R. § 5.202(j), U.S. Telemetry Corp. ("U.S. Telemetry"), hereby requests an experimental STA in order to test equipment to operate in the 218.5-219 MHz frequency band for digital telemetry applications. U.S. Telemetry plans to conduct this test within the New Orleans, LA MSA, which currently has no 218-219 MHz licensee. See FCC Public Notice, Auction of Interactive Video and Data Service (IVDS), December 4, 1996, listing license for Market 29, New Orleans, as available for auction).

U.S. Telemetry requests authority to test one-way and two-way communications during the period of their STA. The operation will include multiple, low duty-cycle, transmit-only and transceiver devices at fixed locations throughout the New Orleans, Louisiana MSA. These devices will broadcast short data bursts (200 msec or less) to one centrally-located base station site. The transmit-only devices and transceivers will be located at approximately ground level and will transmit with an effective radiating power ("ERP") of less than 2 Watts. The antennas that will be tentatively used at the CTS site are Antennex Y22030 or YDAF2184.

The centrally located cell transmitter station will be located at Lakeway 3 Plaza, 3838 N. Causeway Blvd., Metairie, LA 70002. Since the antenna does not exceed the building height, no FCC Tower Registration is required.

Initially, the CTS site will be a passive receiver. U.S. Telemetry eventually plans to test the CTS at a transmit ERP of 20 watts or less. All transmissions will use Frequency Modulation and will use burst-mode packets less than 200 msec in duration. Telemetry data will be relayed from the CTS to a remote site via a modem and telephone line. Operation will comply with Subpart F of Part 95 of the Commission's rules governing the 218-219 MHz Service. There is no Channel 13 television station in the New Orleans, Louisiana MSA.

U.S. Telemetry will retain ownership of all equipment used in the test. U.S. Telemetry plans to deploy approximately 100 transmitter units.

U.S. Telemetry requests the STA for a period of six months. U.S. Telemetry reserves the right to request an extension of any STA in accordance with the Commission's rules.