

**TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
KHOV-FM
Channel 286C0
WICKENBURG, AZ
FACILITY ID# 29021**

PURPOSE OF APPLICATION

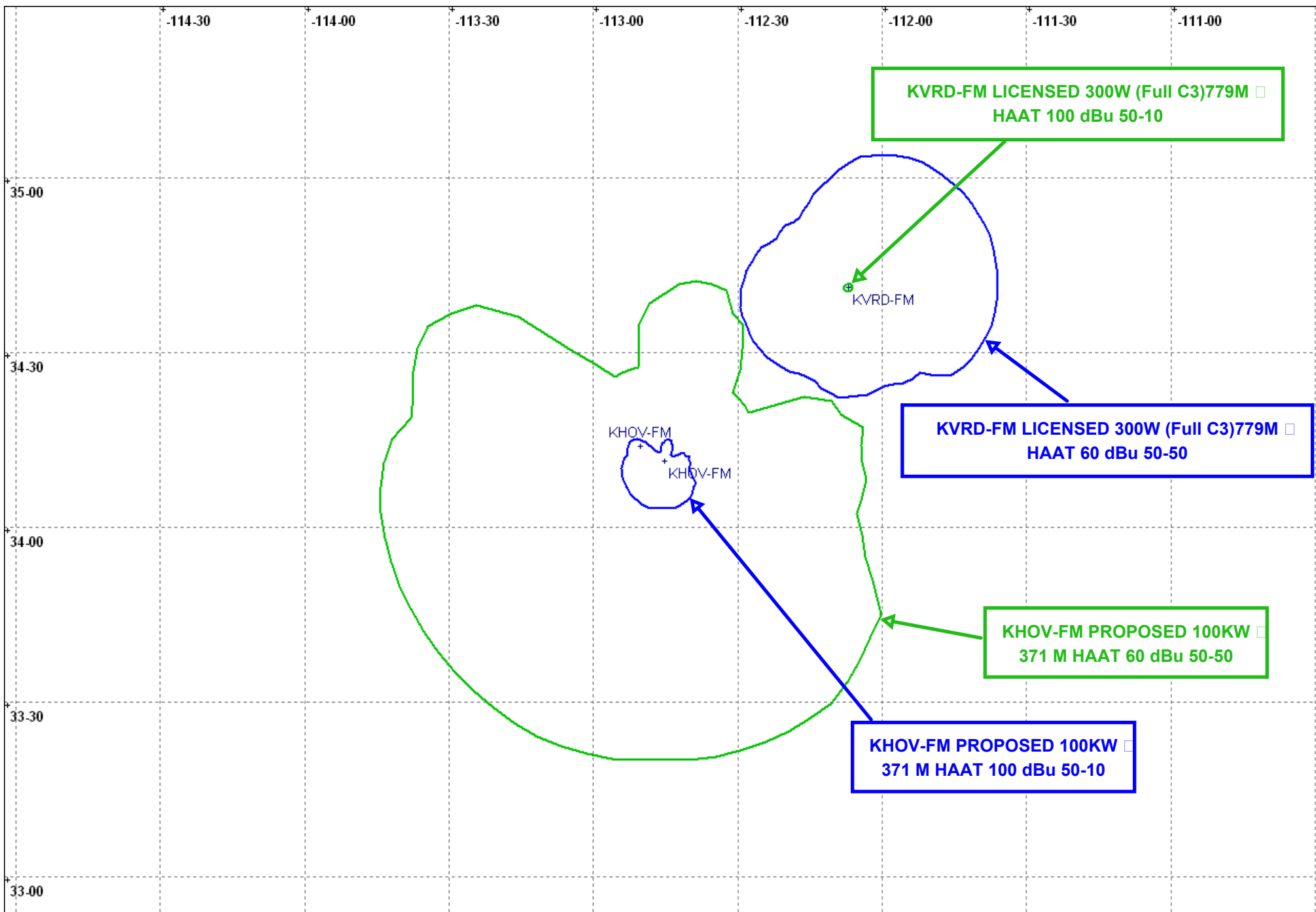
This exhibit and statement were prepared on behalf of Univision Radio License Corporation (URLC). URLC is filing this instant application concurrently with a petition for rulemaking to amend the table of allotments to upgrade KHOV-FM to Class C0. The proposed facility will comply with the spacing requirements of 73.207 for the reference coordinates and meets minimum separation requirements for 73.215 with KVRD-FM Facility ID#35865, Cottonwood Arizona. See the following pages for demonstration of contour protection of KVRD-FM. The single user tower proposed for the site is 60 meters overall height above ground level and does not require registration. The coordinates for this proposed tower in NAD27 datum are: 34°-11'-23.0" North Latitude 112°-45'-18" West Longitude.

ENVIRONMENTAL

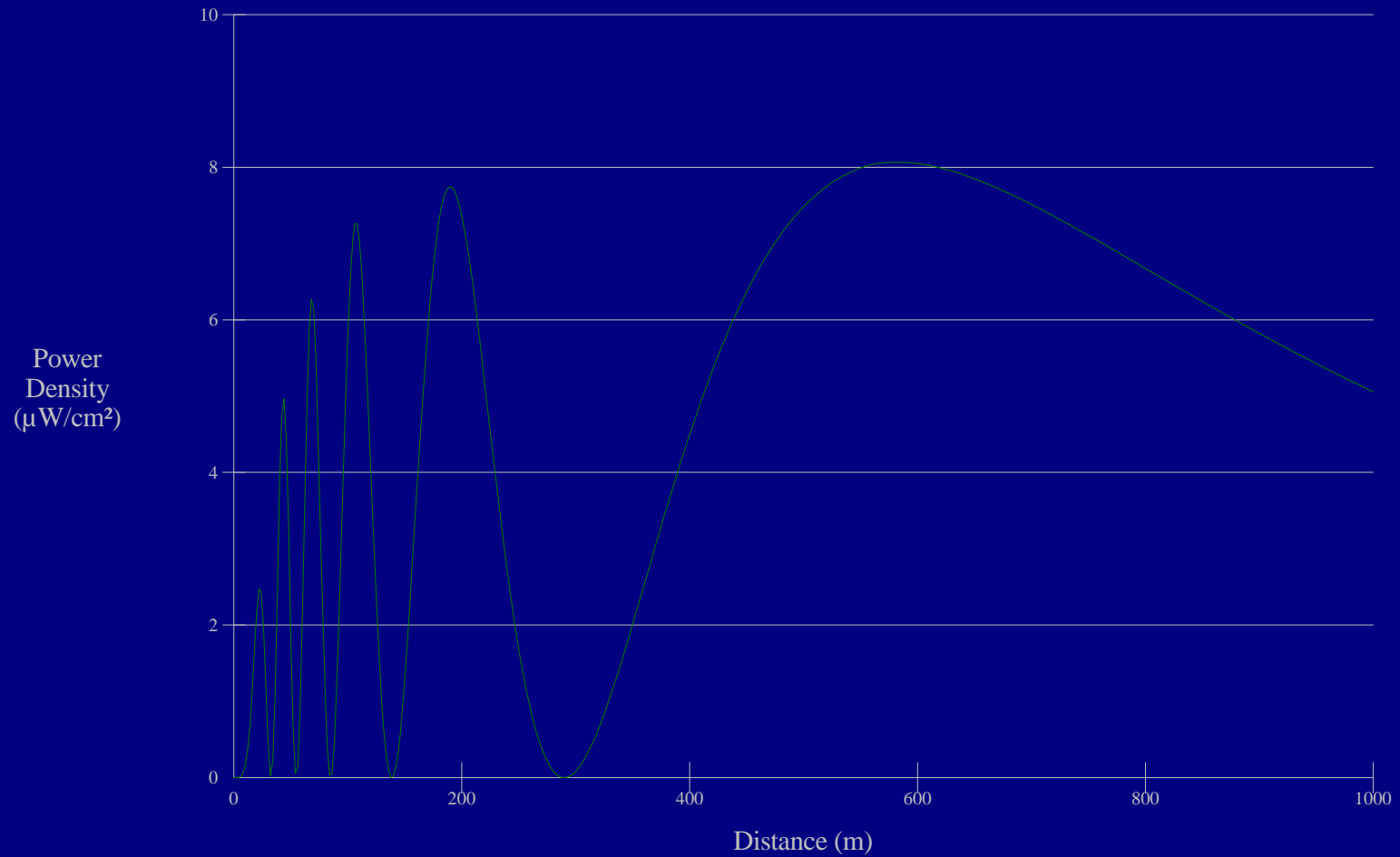
Operation of the proposed facilities were evaluated in terms of a potential radio frequency radiation hazard to the general population and workers at ground level in accordance with OET Bulletin 65, "Evaluating Compliance With FCC Guidelines For Human Exposure To Radiofrequency Electromagnetic Fields", Edition 97-01. RF safety compliance was determined using OET FM Model program. The "ROTOTILLER" EPA type 3, 12 Bay .5 wavelength was used to approximate the proposed antenna. For the proposed antenna, the maximum power density level contributed by the operation at two meters above ground level would be 8.066

microwatts/centimeter² or 4.03% of the maximum for general population, uncontrolled exposure at two meters above ground level. This maximum level occurs at 582 meters from the base of the tower. This is below 5% of the maximum level for general population, uncontrolled exposure and exempts the applicant from further study. See the following pages for a graph from the OET FM Model program.

The site utilized for this facility is a rugged mountainous area that has an existing tower used for the present KHOV-FM licensed site nearby. This application is excluded from environmental processing as defined in 47C.F.R. 1.1306, and 1.1307, as it has no environmental impact. URLC certifies the site will meet the RF radiation safety requirements outlined in 47C.F.R. 1.1310.



Power Density vs Distance



100,000 watts H&V

51 meters above ground level

EPA Type 3

12 Bay 1/2 wave antenna

Power density level at 2 meters above ground level